COVER SHEET
G-000
FOR BLUEBEAM LABELING OCR:

PBK

NORTHEAST LAKEVIEW COLLEGE- SUNDANCE RENOVATION

ALAMO COLLEGES DISTRICT

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

09/24/2025



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ISSUE FOR BID - CONSTRUCTION DOCUMENTS
NORTHEAST LAKEVIEW COLLEGE- SUNDANCE RENOVATION

G-000

GENERAL PROJECT INFORMATION
G-001

FOR BLUEBEAM LABELING/DOCR:

0"

1"

SHEET NUMBER	SHEET NAME
ARCHITECTURAL GENERAL	
G-000	COVER SHEET
G-001	GENERAL PROJECT INFORMATION
G-021	TEXAS ACCESSIBILITY STANDARDS
G-090	RENDERINGS
G-091	ALTERNATE DESIGN RENDERINGS
G-101	1ST FLOOR - CODE REVIEW
CIVIL	
C-1	GENERAL NOTES
C-2	SITE PLAN
C-3	UTILITY PLAN
C-4	SITE DETAILS
LANDSCAPE	
L0.00	KEY MAP AND INDEX
L0.01	TREE PROTECTION
L0.02	TREE PROTECTION DETAILS
L2.00	MATERIALS NOTES AND SCHEDULE
L2.01	ENTRANCE MATERIALS PLAN
L2.02	MATERIALS PLAN
L2.03	ALTERNATE ENTRANCE MATERIALS PLAN
L3.01	HARDSCAPE DETAILS
L4.00	PLANTING NOTES AND SCHEDULE
L4.01	ENTRANCE PLANTING SCHEDULE
L4.02	PLANTING PLAN
L4.03	ALTERNATE ENTRANCE PLANTING PLAN
L4.04	PLANTING DETAILS
STRUCTURAL	
S0-0	GENERAL NOTES
S1-1	MAIN ENTRY
S1-2	RTU SUPPORT PLAN
S2-1	STRUCTURAL DETAILS
ARCHITECTURAL DEMOLITION	
ASD100	OVERALL DEMOLITION SITE PLAN
AD101	LEVEL 1 - OVERALL DEMOLITION FLOOR PLAN
AD201	LEVEL 1 - OVERALL DEMOLITION CEILING PLAN
AD201A	LEVEL 1 - AREA A DEMOLITION CEILING PLAN
AD201B	LEVEL 1 - AREA B DEMOLITION CEILING PLAN
AD201C	LEVEL 1 - AREA C DEMOLITION CEILING PLAN
ARCHITECTURAL SITE	
AS100	OVERALL SITE PLAN
AS401A	ENLARGED SITE PLANS - ALTERNATE
AS402A	WALL SECTIONS & SECTION DETAILS - ALTERNATE
AS403A	WALL SECTIONS & SECTION DETAILS - ALTERNATE
AS711	SITE DETAILS
ARCHITECTURAL	
A-101	LEVEL 1 - OVERALL FLOOR PLAN
A-101A	LEVEL 1 - AREA A FLOOR PLAN
A-101B	LEVEL 1 - AREA B FLOOR PLAN
A-101C	LEVEL 1 - AREA C FLOOR PLAN
A-201	LEVEL 1 - OVERALL CEILING PLAN
A-201A	LEVEL 1 - AREA A CEILING PLAN
A-201B	LEVEL 1 - AREA B CEILING PLAN
A-201C	LEVEL 1 - AREA C CEILING PLAN
A-301	ROOF PLAN
A-322	ROOF DETAILS
A-501	EXTERIOR ELEVATIONS
A-701	PLAN DETAILS
A-731	CEILING DETAILS
A-801	PARTITION TYPES
A-811	DOOR SCHEDULE - PANEL & FRAME TYPES
A-831	WINDOW AND STOREFRONT ELEVATIONS
A-851	DOOR DETAILS
A-900	FINISH SCHEDULE
A-901	LEVEL 1 - OVERALL FINISH PLAN
A-931	INTERIOR ELEVATIONS
A-932	INTERIOR ELEVATIONS
A-933	INTERIOR ELEVATIONS
A-934	INTERIOR ELEVATIONS
A-935	INTERIOR ELEVATIONS
A-936	INTERIOR ELEVATIONS
A-937	INTERIOR ELEVATIONS
A-951	MILLWORK ELEVATION
A-953	CASEWORK ELEVATION
A-961	MILLWORK / CASEWORK DETAILS
ARCHITECTURAL EQUIPMENT	
AQ101	LEVEL 1 - EQUIPMENT PLAN
ARCHITECTURAL GRAPHICS	
AG051	SIGNAGE GRAPHIC STANDARDS
AG101	LEVEL 1 - OVERALL GRAPHICS & SIGNAGE PLAN
MECHANICAL	
M-000	MECHANICAL GENERAL NOTES AND LEGENDS
MD-101A	LEVEL 1 - AREA A DEMOLITION - MECHANICAL
MD-101B	LEVEL 1 - AREA B DEMOLITION - MECHANICAL
MD-101C	LEVEL 1 - AREA C DEMOLITION - MECHANICAL
M-101A	LEVEL 1 - AREA A - MECHANICAL
M-101B	LEVEL 1 - AREA B - MECHANICAL
M-101C	LEVEL 1 - AREA C - MECHANICAL
M-102	OVERALL ROOF PLAN - MECHANICAL
M-201	MECHANICAL SCHEDULES
M-202	MECHANICAL SCHEDULES
M-301	MECHANICAL DETAILS
M-302	MECHANICAL DETAILS

SHEET NUMBER	SHEET NAME
ELECTRICAL	
E-000	ELECTRICAL SYMBOL LEGEND AND GENERAL NOTES
ES-101	ELECTRICAL SITE PLAN
ED-101A	1ST FLOOR POWER DEMO PLAN - AREA A
ED-101B	1ST FLOOR POWER DEMO PLAN - AREA B
ED-101C	1ST FLOOR POWER DEMO PLAN - AREA C
ED-201A	1ST FLOOR LIGHTING DEMO PLAN - AREA A
ED-201B	1ST FLOOR LIGHTING DEMO PLAN - AREA B
ED-201C	1ST FLOOR LIGHTING DEMO PLAN - AREA C
E-101A	1ST FLOOR POWER PLAN - AREA A
E-101B	1ST FLOOR POWER PLAN - AREA B
E-101C	1ST FLOOR POWER PLAN - AREA C
E-201A	1ST FLOOR LIGHTING PLAN - AREA A
E-201B	1ST FLOOR LIGHTING PLAN - AREA B
E-201C	1ST FLOOR LIGHTING PLAN - AREA C
E-301	ROOF PLAN - ELECTRICAL
E-501	ELECTRICAL ONE-LINE DIAGRAM
E-601	ELECTRICAL LIGHTING FIXTURE AND CONTRACTOR SCHEDULE
E-602	ELECTRICAL DETAILS
E-603	ELECTRICAL DETAILS
E-604	ELECTRICAL DETAILS
E-701	ELECTRICAL PANEL SCHEDULE - AREA A
E-702	ELECTRICAL PANEL SCHEDULE - AREA B
E-703	ELECTRICAL PANEL SCHEDULE - AREA C
PLUMBING	
P-000	COVER SHEET
PS-100	SITE PLAN - PLUMBING
PU-101A	LEVEL 1 - AREA A - UNDERFLOOR PLAN - PLUMBING
PU-101B	LEVEL 1 - AREA B - UNDERFLOOR PLAN - PLUMBING
PU-101C	LEVEL 1 - AREA C - UNDERFLOOR PLAN - PLUMBING
P-100	1ST FLOOR PLAN - COMPOSITE
P-101A	LEVEL 1 - AREA A - PLUMBING
P-101B	LEVEL 1 - AREA B - PLUMBING
P-101C	LEVEL 1 - AREA C - PLUMBING
P- 201	ROOF PLAN - PLUMBING
P-501	PLUMBING SCHEDULES
P-601	PLUMBING DETAILS
P-602	PLUMBING DETAILS
P-603	PLUMBING DETAILS
P-701	PLUMBING RISER DIAGRAMS
P-702	PLUMBING RISER DIAGRAMS
P-703	PLUMBING RISER DIAGRAMS - AIR & VACUUM
P-704	PLUMBING RISER DIAGRAMS - GAS
TECHNOLOGY	
T-001	TECHNOLOGY SYSTEM NOTES AND LEGENDS
TND-101A	LEVEL 1 - AREA A DEMOLITION -TECHNOLOGY
TND-101B	LEVEL 1 - AREA B DEMOLITION - TECHNOLOGY
TND-101C	LEVEL 1 - AREA C DEMOLITION - TECHNOLOGY
TF-101A	LEVEL 1 - AREA A - FIRE ALARM
TF-101B	LEVEL 1 - AREA B - FIRE ALARM
TF-101C	LEVEL 1 - AREA C - FIRE ALARM
TN-101A	LEVEL 1 - AREA A - TECHNOLOGY
TN-101B	LEVEL 1 - AREA B - TECHNOLOGY
TN-101C	LEVEL 1 - AREA C - TECHNOLOGY
T-701	TECHNOLOGY DETAILS
T-702	TECHNOLOGY DETAILS
T-703	TECHNOLOGY DETAILS

ALTERNATES LIST

1. ALTERNATE 01 - FRONT ENTRY:
   - BASE BID: DEMOLISH FRONT ENTRY STOREFRONT SYSTEM WITH REVOLVING DOORS, CANOPY AND CONCRETE PAVING TO REMAIN UNCHANGED.
   - ALTERNATE: REMODEL FRONT ENTRY INCLUDING ADDITION OF HIGHER FACADE, CANOPY, CONCRETE PAVING, AND LANDSCAPE AS SHOWN IN DRAWINGS.
2. ALTERNATE 02 - PAINT BUILDING EXTERIOR:
   - BASE BID: EXTERIOR BUILDING PAINT TO REMAIN UNCHANGED.
   - ALTERNATE: PAINT ALL BUILDING EXTERIOR FACADES.
3. ALTERNATE 03 - BUILDING ENVELOPE DEFERRED MAINTENANCE SCOPE:
   - BASE BID: BUILDING ENVELOPE AND ROOF TO REMAIN UNCHANGED.
   - ALTERNATE: REPAIR/REPLACE BUILDING SEALANTS, ROOF SEALANTS, SPALLING CONCRETE, TILT-WALL PENETRATIONS, DOOR WEATHER STRIPPING COMPONENTS, AND SITE SEALANT AS SHOWN IN DRAWINGS. PROVIDE OVERFLOW SCUPPERS AS SHOWN IN THE DRAWINGS.
4. ALTERNATE 04 - CEILING HEIGHTS:
   - BASE BID: EXISTING CEILING HEIGHTS TO REMAIN.
   - ALTERNATE: CHANGE CEILING HEIGHTS.
5. ALTERNATE 05 - DEDUCTIVE ALTERNATE, AREA C:
   - BASE BID: AREA C TO BE BUILT OUT AS SHOWN IN DRAWINGS.
   - ALTERNATE: AREA TO BE LEFT AS A SHELL SPACE. REFERENCE "ALTERNATE NOTES" ON INDIVIDUAL SHEETS FOR ADDITIONAL CLARIFICATION.

ALLOWANCES

ALLOWANCES LIST

LANDSCAPE - $50K
MONUMENT SIGN - $10K

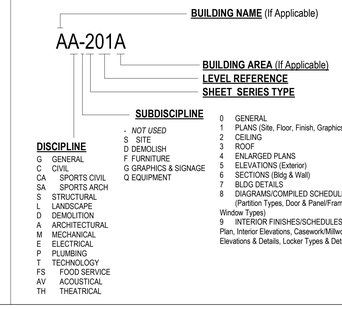
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ABBREVIATIONS AND LEGEND KEYS

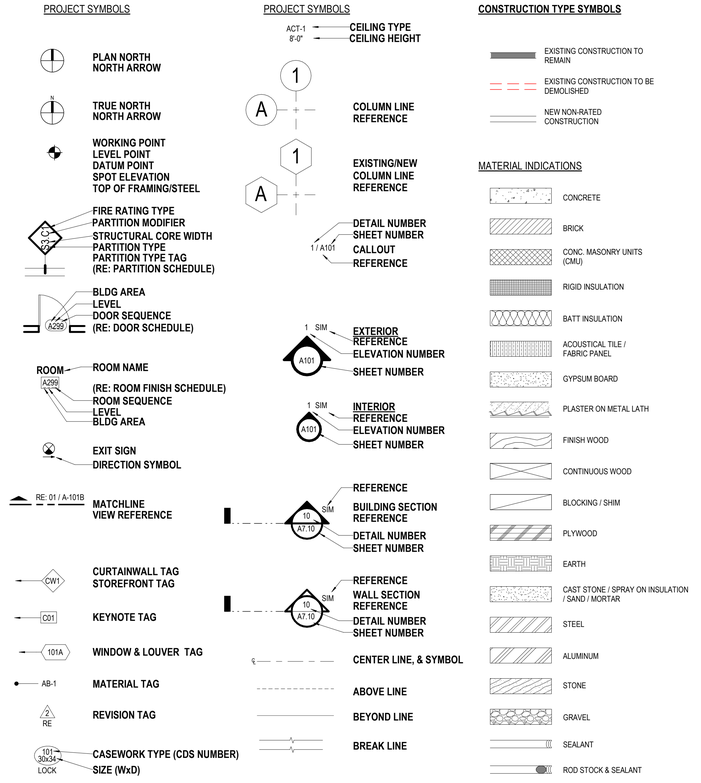
REFER TO SCHEDULES AND LEGENDS FOR ADDITIONAL ABBREVIATIONS
REFER TO OTHER DISCIPLINES FOR ADDITIONAL ABBREVIATIONS

A	
ABV	above
ACOUS	acoustical
ACT	acoustical ceiling tile
AD	area drain
ADJ	adjustable
AFF	above finished floor
ALT	alternate
ALUM	aluminum
APPROX	approximate
ARCH	architect / architectural
B	
B.O.	bottom of
BALC	balcony
BD	board
BET	between
BLDG	building
BLKG	blocking
BLW	below
BM	beam
BOT	bottom
BRKT	bracket
BULKHD	bulkhead
BUR	built up roof
C	
C.G.	corner guard
CAB	cabinet
CALK	caulking
CDS	cabinet design series
CEM	cement
CER	ceramic
CJ	control joint
CLG	ceiling
CLOS	closet
CLR	clear
CO	cased opening
COL	column
CONC	concrete
CONT	continous
CPT	carpet
CT	ceramic tile
CTR	center
CW	curtain wall
D	
DBL	double
DET	detail
DIA	diameter
DIM	dimension
DN	down
DR	door
DS	down spout
DW	dishwasher
DWG	drawing
E	
E	east
EA	each
EIFS	exterior insulation & finish system
ELEC	electric(al)
ELEV	elevation
EMER	emergency
ENCL	enclosure
EOS	edge of slab
EQ	equal
EQUIP	equipment
ETR	existing to remain
EW	each way
EXP. JT.	expansion joint
EXST	existing
F	
F.O.	face of
FA	fire alarm
FAP	fire annunciator panel
FD	floor drain
FE	fire extinguisher
FEC	fire extinguisher cabinet
FG	finish group
FH	fire hydrant
FHC	fire hose cabinet
FIN	finish
FLR	floor
FLUOR	fluorescent
FT	foot or feet
FUR	furring
G	
GAL	gallon
GALV	galvanized
GB	grab bar
GC	general contractor
GL	glass
GND	ground
GWB	gypsum wall board
GYP	gypsum
H	
H.W.H.	hot water heater
HC	handicapped
HDWD	hardwood
HDWR	hardware
HM	hollow metal
HORIZ	horizontal
HR	hour
HT	height
I	
ID	inner diameter
INCAN	incandescent
INSUL	insulation
INT	interior
J	
JAN	janitor
JST	joist
JT	joint
L	
LAM	laminate
LAV	lavatory
LB	pound(s)
LDG	landing
LT	light
M	
MAX	maximum
MECH	mechanical
MEMB	membrane
MFR	manufacturer
MIN	minimum
MISC	miscellaneous
MO	masonry opening
MTD	mounted
MTL	metal
N	
N	north
NIC	not in contract
NO	number
NOM	nominal
NTS	not to scale
O	
O.P.	overflow pipe
OA	overall
OC	on center
OD	outside diameter
OFF	office
OH	opposite hand
OPG	opening
OPP	opposite
P	
PART	partition
PCT	porcelain tile
PERM	perimeter
PG	paint grade
PLAM	plastic laminate
PLAS	plaster
PLYWD	plywood
POLYISO	polyisocyanurate
PR	pair
PT	paint
PTD	painted
R	
R	riser
RAD	radius
RCP	reflected ceiling plan
RD	roof drain
RE	refer
REF	refrigerator
REINF	reinforced
REQD	required
RESIL	resilient
RM	room
RO	rough opening
RTU	root top unit (mech)
S	
S	south
SAFB	sound attenuration fiber batt
SC	scupper
SCHED	schedule
SEAL	sealant
SECT	section
SF	square foot
SHT	sheet
SIM	similar
SPEC	specification
SQ	square
SS	stainless steel
STD	standard
STF	storefront
STL	steel
STOR	storage
STRUCT	structural
SUSP	suspended
SYM	symmetrical
T	
T	tread
T&G	tongue & groove
T.O.	top of
TEL	telephone
TER	terrazzo
THK	thick
THR	threshold
TYP	typical
U	
UC	undercut
UNFIN	unfinished
UNO	unless noted otherwise
UON	unless otherwise noted
UTIL	utility
V	
VCT	vinyl composition tile
VERT	vertical
VIF	verify in field
VTR	vent termination pipe
VWC	vinyl wall covering
W	
W	west
W/	with
W/O	without
WC	watercloset
WIN	window
WP	waterproof
WS	wood, solid core
WSCT	wainscot
WT	weight
X	
XPS	extruded polystyrene

PROJECT GRAPHIC REFERENCES



PROJECT GRAPHIC REFERENCES



GENERAL NOTES

A. THE CONTRACT DOCUMENTS ARE TO INCLUDE AIA DOCUMENT A201 "GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION". CLIENT SHALL BE DESIGNATED AS "THE OWNER", PBK ARCHITECTS, INC. SHALL BE DESIGNATED AS "THE ARCHITECT". THE CONTRACT DOCUMENT SHALL ALSO INCLUDE THE AGREEMENT, PERFORMANCE AND PAYMENT BONDS, GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS, THE SPECIFICATIONS, CONTRACT DRAWINGS, ADDENDA, AND CONTRACT MODIFICATIONS, BUILDING RULES AND REGULATIONS & ANY OTHER DOCUMENTS REQUIRED BY THE OWNER.

B. THE WORK SHALL BE DONE IN ACCORDANCE WITH THE RULES AND REGULATIONS OF ALL APPLICABLE SAFETY AND BUILDING CODES, AND AS APPROVED BY THE AUTHORITY HAVING JURISDICTION. CONTRACTOR IS RESPONSIBLE FOR SECURING AND PAYING FOR ALL PERMITS REQUIRED FOR THE WORK AND FOR THE SCHEDULING OF ALL REQUIRED INSPECTIONS DURING THE COURSE OF THE WORK.

C. CONTRACTOR SHALL REVIEW AND VERIFY EXISTING CONDITIONS AS PROVIDED IN THE CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ALL DISCREPANCIES, ERRORS, INCONSISTENCIES OR AMBIGUITIES PRIOR TO PROCEEDING WITH THE WORK.

D. CONTRACTOR SHALL BE RESPONSIBLE FOR, AND PROVIDE PROTECTION OF, ANY EXISTING FINISHES, MATERIALS, AND EQUIPMENT TO REMAIN. CONTRACTOR SHALL REPAIR OR REPLACE ANY DAMAGED FINISHES, MATERIALS, AND EQUIPMENT AS A RESULT OF THE WORK. ALL EXISTING FINISHES TO REMAIN SHALL BE CLEANED AT THE COMPLETION OF CONSTRUCTION. CONTRACTOR SHALL PHOTOGRAPH AND DOCUMENT ALL EXISTING DAMAGES, AND PROVIDE TO THE ARCHITECT, PRIOR TO PROCEEDING WITH THE WORK.

E. ALL MATERIALS AND SYSTEMS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. ALL CONSTRUCTION SHALL BE OF INDUSTRY STANDARD OR BETTER. THE ARCHITECT SHALL BE FINAL JUDGE OF QUALITY.

F. ONLY NEW MATERIALS AND EQUIPMENT OF RECENT MANUFACTURE, OF STANDARD QUALITY, AND FREE FROM DEFECTS, WILL BE PERMITTED IN THE WORK, UNLESS OTHERWISE NOTED. REJECTED MATERIALS AND EQUIPMENT SHALL BE REMOVED IMMEDIATELY FROM THE WORK AND REPLACED WITH MATERIALS AND EQUIPMENT OF THE QUALITY SPECIFIED. FAILURE TO REMOVE REJECTED MATERIALS AND EQUIPMENT SHALL NOT RELIEVE CONTRACTOR FROM THE RESPONSIBILITY FOR QUALITY OF MATERIAL AND EQUIPMENT USED NOR FROM ANY OTHER OBLIGATION IMPOSED BY THE CONTRACT.

G. DO NOT SCALE DRAWINGS. STATED & WRITTEN DIMENSIONS GOVERN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND SHALL BE RESPONSIBLE FOR THEIR ACCURACY. NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED BECAUSE OF DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND THOSE INDICATED ON THE DRAWINGS, UNLESS THEY CONTRIBUTE TO A CHANGE IN THE SCOPE OF THE WORK. ANY DIFFERENCE FOUND SHALL BE SUBMITTED TO THE ARCHITECT FOR COORDINATION PRIOR TO ORDERING, MANUFACTURING, OR PROCEEDING WITH THE WORK. HORIZONTAL DIMENSIONS INDICATED ARE TO/FROM FACE OF FINISH, UNLESS NOTED OTHERWISE. VERTICAL DIMENSIONS ARE FROM TOP OF FLOOR SLAB EXCEPT WHERE NOTED TO BE ABOVE FINISHED FLOOR (AFF). DIMENSIONS ARE NOT ADJUSTABLE WITHOUT APPROVAL OF ARCHITECT UNLESS NOTED +/-.

H. CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST BETWEEN THE LOCATIONS OF EXISTING AND PROPOSED NEW MECHANICAL, ELECTRICAL, PLUMBING, DATA, AND SPRINKLER EQUIPMENT (INCLUDING BUT NOT LIMITED TO STRUCTURAL MEMBERS, PIPING, DUCT WORK, CONDUIT AND SPRINKLERS) AND THAT CLEARANCES FOR INSTALLATION AND MAINTENANCE OF EQUIPMENT ARE PROVIDED. ELEMENTS IN CONFLICT SHALL BE DOCUMENTED AND PROVIDED TO THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.

J. CONTRACTOR SHALL PROVIDE THE ARCHITECT WITH SHOP DRAWINGS FOR REVIEW AND APPROVAL FOR ALL, BUT NOT LIMITED TO, THE FOLLOWING: SHOP-FABRICATED MILLWORK, CARPET LAYOUT, FLOORING, LIGHT FIXTURES, DOORS, MISC. STEEL, METAL FABRICATION, GLASS/GLAZING, SPRINKLER LAYOUTS, HARDWARE. SHOP DRAWINGS SHALL BE SUBMITTED IN THE FORM OF 3 SETS OF PRINTS. SHOP DRAWINGS SHALL NOT BE REPRODUCTIONS OF CONTRACT DOCUMENTS. MATERIAL SUBMITTALS (3 SAMPLES) SHALL BE PROVIDED FOR WOOD, FASTENERS, ACRYLIC, CARPET, TILE, BASE, PAINT, LAMINATE AND ANY OTHER MATERIALS INDICATED IN THE SHOP DRAWING.

K. CONTRACTOR SHALL PROVIDE THE ARCHITECT WITH MANUFACTURER'S CUT SHEETS AND SPECIFICATIONS FOR ALL EQUIPMENT INCLUDING BUT NOT LIMITED TO: LIGHT FIXTURES, PLUMBING EQUIPMENT, ELECTRICAL EQUIPMENT, FANS, SUPPLEMENTARY HEATING AND COOLING ELEMENTS, ALL HARDWARE AND SECURITY EQUIPMENT.

L. CONTRACTOR SHALL NOT PROCEED WITH WORK FOR WHICH ADDITIONAL COMPENSATION BEYOND THE CONTRACT AMOUNT IS EXPECTED WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT AND OWNER. FAILURE TO OBTAIN SUCH AUTHORIZATION SHALL INVALIDATE A CLAIM FOR EXTRA COMPENSATION. CONTRACTOR SHALL NOT PROCEED WITH WORK WHICH, IF COMPLETED IN STRICT CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS, WILL RESULT IN ADDITIONAL WORK BEYOND THE SCOPE OF THE CONTRACT WITHOUT WRITTEN AUTHORIZATION FROM THE ARCHITECT AND OWNER. ANY FIELD CONDITIONS THAT SIGNIFICANTLY VARY FROM THE CONTRACT DOCUMENTS OR WILL RESULT IN ADDITIONAL WORK, SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO PROCEEDING WITH WORK.

M. CONTRACTOR SHALL REVIEW AND COORDINATE THE SIZE AND LOCATION OF ALL SLAB OPENINGS WITH ALL RELATED DISCIPLINES. CONTRACTOR SHALL SUBMIT PROPOSED LOCATIONS OF CORE DRILLING AND SLAB OPENINGS TO ARCHITECT AND STRUCTURAL ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO PROCEEDING WITH THE WORK.

N. PATCH, REPAIR, AND INSTALL ALL FIREPROOFING AS REQUIRED BY CODE. FIREPROOF ALL NEW PENETRATIONS AS REQUIRED FOR APPROVAL BY THE AUTHORITY HAVING JURISDICTION.

P. WHERE BUILDING THERMAL EXPANSION JOINTS ARE LOCATED, CONTRACTOR SHALL COMPLY WITH APPLICABLE CODE AND INDUSTRY BEST PRACTICES FOR ROUTING OF ALL PIPING, DUCTS, CONDUITS AND OTHER CONTINUOUS RUNS.

Q. CONTRACTOR SHALL CONTINUOUSLY CHECK ARCHITECTURAL AND STRUCTURAL CLEARANCES FOR ACCESSIBILITY OF EQUIPMENT AND MECHANICAL AND ELECTRICAL SYSTEMS. NO ALLOWANCES OF ANY KIND WILL BE MADE FOR THE GENERAL CONTRACTOR'S NEGLIGENCE TO FORESEE MEANS OF INSTALLING EQUIPMENT INTO POSITION.

R. FINISHED WORK SHALL BE FIRM, WELL-ANCHORED, IN TRUE ALIGNMENT, PLUMB, LEVEL, WITH SMOOTH, CLEAN, UNIFORM APPEARANCE WITHOUT WAVES, DISTORTIONS, HOLES, MARKS, CRACKS, STAINS, OR DISCOLORATION. JOINTING SHALL BE CLOSE FITTING, NEAT AND WELL SCRIBED. FINISHED WORK SHALL HAVE NO EXPOSED UNSIGHTLY ANCHORS OR FASTENERS AND SHALL NOT PRESENT HAZARDOUS, UNSAFE CORNERS. ALL WORK SHALL HAVE THE PROVISION FOR EXPANSION, CONTRACTION AND SHRINKAGE AS NECESSARY TO PREVENT CRACKS, BUCKLING, AND WARPING DUE TO TEMPERATURE AND HUMIDITY CONDITIONS.

S. ATTACHMENTS, CONNECTIONS OR FASTENERS OF ANY NATURE ARE TO PROPERLY AND PERMANENTLY BE SECURED IN CONFORMANCE WITH INDUSTRY BEST PRACTICES. THE DRAWINGS HIGHLIGHT SPECIAL CONDITIONS ONLY AND BY NO MEANS ILLUSTRATE EVERY CONNECTION. THE CONTRACTOR IS RESPONSIBLE FOR IMPROVING CONNECTION ACCORDINGLY.

T. CONTRACTOR SHALL WAIVE "COMMON PRACTICE" AND "COMMON USAGE" AS CONSTRUCTION CRITERIA WHEREVER DETAILS AND CONTRACT DOCUMENTS OR GOVERNING CODES, ORDINANCES, ETC. REQUIRE QUANTITY OR BETTER QUALITY THAN COMMON PRACTICE OR COMMON USAGE WOULD REQUIRE.

U. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND SUBMITTALS AND SHALL ORDER AND SCHEDULE DELIVERY OF MATERIALS TO AVOID DELAYS IN CONSTRUCTION. IF AN ITEM IS FOUND TO BE UNAVAILABLE OR TO HAVE A LONG LEAD TIME, THE GENERAL CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY WITH A PROPOSED ALTERNATIVE.

V. CONTRACTOR SHALL NOTIFY THE OWNER AND THE ARCHITECT IN WRITING OF ANY DEFICIENCIES IN BASE BUILDING WORK PRIOR TO THE COMMENCEMENT OF THE WORK. ANY UNREPORTED DEFICIENCIES WILL BECOME THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO CORRECT.

W. CONTRACTOR SHALL EXERCISE INDUSTRY BEST PRACTICES FOR CARE AND CAUTION DURING THE CONSTRUCTION OF THE WORK, AND SHALL SCHEDULE WORK TO MINIMIZE DISTURBANCES TO OCCUPANTS, ADJACENT SPACES AND/OR STRUCTURES, PROPERTY, PUBLIC THOROUGHFARES, ETC. THE GENERAL CONTRACTOR SHALL TAKE PRECAUTIONS AND BE RESPONSIBLE FOR THE SAFETY OF ALL BUILDING OCCUPANTS DURING CONSTRUCTION PROCEDURES. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COSTS INCURRED.

X. ALL DEBRIS SHALL BE REMOVED FROM THE SITE ON A DAILY BASIS, OR AS DIRECTED BY THE AUTHORITY HAVING JURISDICTION. UPON COMPLETION OF THE WORK, REMOVE ALL DEBRIS FROM THE WORK PROVIDED UNDER THIS CONTRACT AND LEAVE ALL AREAS CLEAN. TRASH IS NOT PERMITTED TO BE BURNED ON SITE.

Y. ALL ABANDONED AND MISCELLANEOUS NAILS, HANGERS, STAPLES, WIRES, CONDUITS AND DEBRIS SHALL BE REMOVED FROM THE FLOORS, WALLS, AND CEILINGS. REMOVE ALL ABANDONED PIPE SLEEVES IN FLOOR SLABS. PATCH EXISTING SLAB AS REQUIRED TO MAINTAIN UL FIRE RATING OF FLOOR SLAB WHERE PIPES AND CONDUITS HAVE BEEN REMOVED.

Z. SLAB PENETRATIONS SHALL BE SEALED AS REQUIRED TO MAINTAIN FIRE RATING, USING MATERIALS AND METHODS APPROVED BY THE AUTHORITY HAVING JURISDICTION. EXPANSION MATERIAL SHALL BE APPROVED BY THE ARCHITECT.

ZA. CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY ACCESS PANELS WHICH MAY BE REQUIRED PRIOR TO PROCEEDING WITH THE WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL TRADES. REQUIRED ACCESS PANELS SHALL BE INCLUDED IN THE CONTRACTOR'S SCOPE OF WORK.

ZB. CONTRACTOR SHALL PROVIDE THE TEAM WITH A CONSTRUCTION SCHEDULE SHOWING THE PROPOSED PHASING. LONG LEAD ITEMS THAT WILL AFFECT THE SUBSTANTIAL COMPLETION DATE SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION IMMEDIATELY.

VICINITY MAP



NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

PBK
www.pbk.com
TX FIRM: BR 1608
SAN ANTONIO, TX
210-829-0123

ALAMO COLLEGES DISTRICT

B C A

KEY PLAN
NORTH: PLAN

REGISTERED ARCHITECT
JESSICA BRUNI
20575
STATE OF TEXAS
09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

GENERAL PROJECT INFORMATION

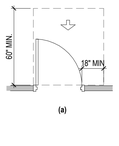
G-001

TEXAS ACCESSIBILITY STANDARDS
G-021

FOR BLUEBEAM LABELING/DOOR:

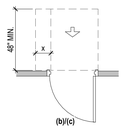
0"
1"

FRONT APPROACH, PULL SIDE

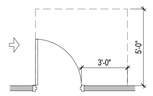


FRONT APPROACH, PUSH SIDE

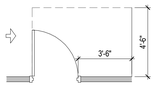
NOTE: x = 12" IF DOOR HAS BOTH A CLOSER AND A LATCH



HINGE APPROACH, PULL SIDE

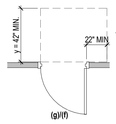


HINGE APPROACH, PULL SIDE



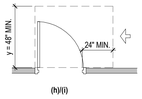
HINGE APPROACH, PUSH SIDE

NOTE: y = 48" MINIMUM IF DOOR HAS BOTH A CLOSER AND A LATCH



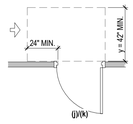
LATCH APPROACH, PULL SIDE

NOTE: y = 54" MINIMUM IF DOOR HAS A CLOSER



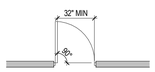
LATCH APPROACH, PUSH SIDE

NOTE: y = 48" MINIMUM IF DOOR HAS A CLOSER

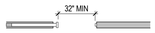


2012 TAS 404.2.4.1 MANEUVERING CLEARANCES AT MANUAL SWINGING DOORS AND GATES

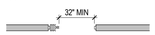
(a) HINGED DOOR



(b) SLIDING DOOR

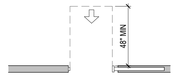


(c) FOLDING DOOR

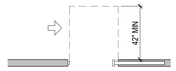


2012 TAS 404.2.3 CLEAR WIDTH OF DOORWAYS

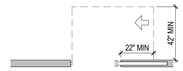
(a) FRONT APPROACH



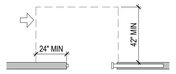
(b) SIDE APPROACH



(c) POCKET OR HINGE APPROACH

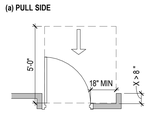


(d) STOP OR LATCH APPROACH

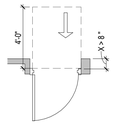


2012 TAS 404.2.4.2 MANEUVERING CLEARANCES AT DOORWAYS WITHOUT DOORS, SLIDING DOORS, GATES AND FOLDING DOORS

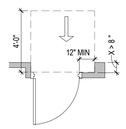
(a) PULL SIDE



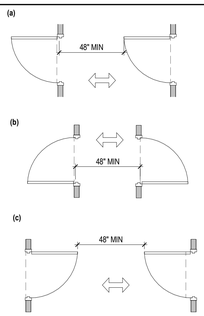
(b) PUSH SIDE



(c) PUSH SIDE, DOOR PROVIDED WITH BOTH CLOSER AND LATCH



2012 TAS 404.2.4.3 MANEUVERING CLEARANCES AT RECESSED DOORS AND GATES



2012 TAS 404.2.6 DOORS IN SERIES AND GATES IN SERIES

ACCESSIBLE ROUTES & DOOR APPROACH CLEARANCES

CHANGES IN LEVEL

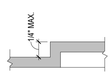


FIGURE 303.2 VERTICAL

FIGURE 303.3 BEVELED

CHANGES IN LEVEL, TURNING SPACE, & CLEAR FLOOR AREA

CIRCLE TURNING SPACE



FIGURE 304.3.1

T-SHAPED TURNING SPACE

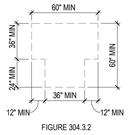
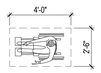


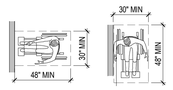
FIGURE 304.3.2

CLEAR FLOOR OR GROUND SPACE



2012 TAS FIGURE 305.3

POSITION OF CLEAR FLOOR OR GROUND SPACE



(a) FORWARD APPROACH (b) PARALLEL APPROACH

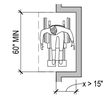
2012 TAS FIGURE 305.5

MANEUVERING CLEARANCE IN AN ALCOVE, FORWARD APPROACH



2012 TAS FIGURE 305.7.1

Maneuvering clearance in an alcove, parallel approach



2012 TAS FIGURE 305.7.2

LIMITS OF PROTRUDING OBJECTS

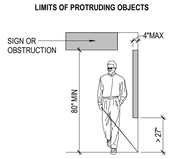


FIGURE 307.2

PROTRUDING OBJECTS SHALL NOT REDUCE THE CLEAR WIDTH REQUIRED FOR ACCESSIBLE ROUTES.

UNOBSTRUCTED FORWARD REACH

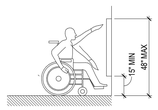


FIGURE 308.2.1

UNOBSTRUCTED SIDE REACH

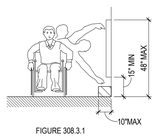


FIGURE 308.3.1

OBSTRUCTED HIGH FORWARD REACH

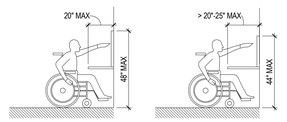


FIGURE 308.2.2

OBSTRUCTED HIGH SIDE REACH

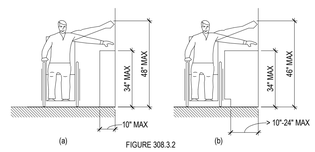
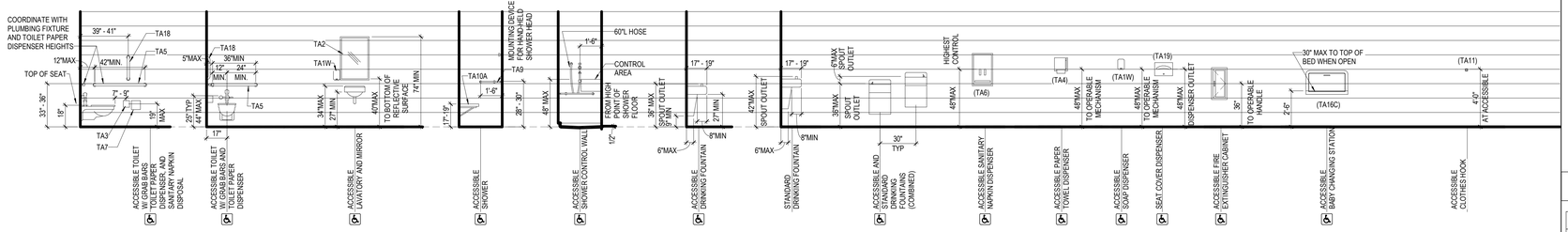


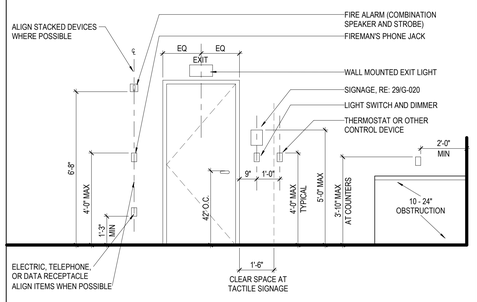
FIGURE 308.3.2

1 TEXAS ACCESSIBILITY STANDARDS
1/4" = 1'-0"

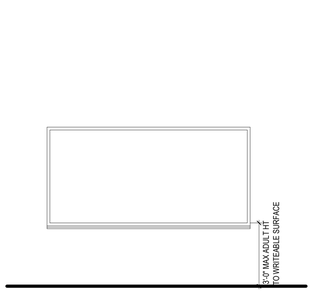
NOTE: ALL FIXTURE SIZES , MOUNTING HEIGHTS, AND CLEARANCES MUST ABIDE BY ALL APPLICABLE ACCESSIBILITY STANDARDS



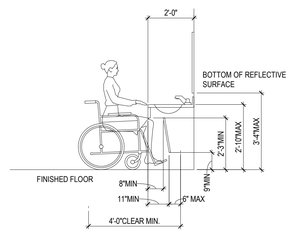
7 ACCESSIBILITY - AGES 13 THRU ADULT (GRADES 8 AND ABOVE)
1/4" = 1'-0"



4 MISC MOUNTING HEIGHTS
3/8" = 1'-0"



9 TYP. MARKERBOARD MOUNTING HEIGHT
3/8" = 1'-0"



5 ACCESSIBLE VANITY
3/8" = 1'-0"

GENERAL ACCESSIBILITY GUIDELINES NOTES

1. VERIFY AND INSTALL ALL ACCESSORIES AT HEIGHTS TO COMPLY WITH ALL APPLICABLE ACCESSIBILITY REQUIREMENTS. IN THE EVENT OF CONFLICT BETWEEN DATA SHOWN ON ELEVATIONS AND DATA PROVIDED ON THIS SHEET, THIS SHEET SHALL GOVERN THE DETAILS AND TAKE PRECEDENCE OVER DATA ON ELEVATIONS.
2. THE FORCE FOR PUSHING OR PULLING OPEN A DOOR OR GATE OTHER THAN FIRE DOORS SHALL BE:
   FIVE POUNDS MAXIMUM FOR INTERIOR HINGED DOORS AND GATES.
   FIVE POUNDS MAXIMUM FOR SLIDING OR FOLDING DOORS.
3. PRIOR TO INSTALLATION OF ANY OWNER FURNISHED, CONTRACTOR INSTALLED (OFCI) ITEMS, THE CONTRACTOR SHALL REQUEST CUTSHEETS FROM OWNER TO CONFIRM DIMENSIONS WITH ARCHITECT.

DESCRIPTION	Ages: 13 - Adult (Grades 8 and Above)
WATER CLOSET: To Top of Seat	17" - 19"
Grab Bar Height	33" - 36"
Flush Control Height	25" TYP 44" MAX
URINAL: Max. To Rim of Basin	17"
Flush Control Height (Max)	44"
LAVATORIES: Front Approach	
Knee Clearance (Min)	27"
To Top (Max)	34"
To Faucet (Max)	25"
FIXED OR BUILT-IN:	
Height of Tables or Counter:	28" - 34"
Knee Clearance (Min)	27"
SHELVES, DISPENSERS: Max. Height to Control Device	
Frontal Approach (Max)	48"
Side Approach (Max)	48"
DRINKING FOUNTAINS:	
To Spout (Max)	36"
Knee Clearance (Min)	27"
SWITCHES AND CONTROLS	
Frontal Approach (Max)	48"
Side Approach (Max)	48"
MIRRORS: Max. Height to Bottom of Reflective Surface	
At Lavatories and Counter Tops	40"
Full Length	35"
MIRRORS: Min. Height to Top of Reflective Surface	
Full Length	74"
TOILET PAPER DISPENSER: Height to Center of Roll (Max)	19"
PAPER TOWEL DISPENSER: Height to Operating Mechanism	48"
SHOWER	
Top of Seat	17" - 19"
Grab Bar	33" - 36"
To Hand Shower Head Mounting (Max)	48"

8 ACCESSIBILE MOUNTING HEIGHTS
1/4" = 1'-0"

TOILET ACCESSORIES

LABEL	DESCRIPTION	NOTES
TA1C	SOAP DISPENSER, COUNTER-MOUNTED, TYPICAL	
TA1W	SOAP DISPENSER, WALL-MOUNTED, TYPICAL	NOTE 5
TA2	LAVATORY MIRROR, TYPICAL	
TA2F	FULL-LENGTH MIRROR	
TA3	TOILET PAPER DISPENSER, TYPICAL	
TA4	PAPER TOWEL DISPENSER, TYPICAL	
TA5	GRAB BARS, AT TYPICAL WHEELCHAIR ACCESSIBLE WATER CLOSET, TYPICAL	
TA6	SANITARY NAPKIN/TAMPON VENDOR, TYPICAL	
TA7	SANITARY NAPKIN DISPOSAL, TYPICAL	
TA8	SHELF WITH MOP AND BROOM HOLDERS AND HOOKS, TYPICAL	NOTE 5
TA9	GRAB BARS, ACCESSIBLE SHOWER, TYPICAL	
TA10A	FOLDING BENCH, ADULT HEIGHT	
TA10C	FOLDING BENCH, CHILD HEIGHT	
TA11	CLOTHING HOOK, TYPICAL SHOWER CURTAINS, RODS AND HOOKS, TYPICAL	
TA12	ELECTRIC HAND DRYER, TYPICAL PAPER TOWEL DISPENSER/WASTE RECEPTACLE, TYPICAL	
TA13	GRAB BARS, AT AMBULATORY ACCESSIBLE WATER CLOSET BABY CHANGING STATION	
TA14	ADULT CHANGING STATION TRASH RECEPTACLE, RECESSED	
TA15	TRASH RECEPTACLE, UNDERCOUNTER VERTICAL GRAB BAR (AT ACCESSIBLE ICC A117.1 TOILETS)	
TA16C	WATER CLOSET COVER DISPENSER	
TA16A	FOLDING UTILITY SHELF	

NOTES:
1. ALL TOILET ACCESSORIES SHALL BE CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED U.N.O.
2. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
3. VERIFY ALL HEIGHTS OF ACCESSORIES TO COMPLY WITH ALL APPLICABLE ACCESSIBILITY REQUIREMENTS.
4. REFER TO ALL FINISHES AND COLORS IN FINISH SCHEDULE, VERIFY ALL PATTERNS WITH ARCHITECT.

Plot Stamp:
9/24/2025 4:17:24 PM

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TX FIRM: BR 1608
SAN ANTONIO, TX
210-829-0123

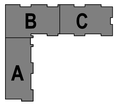
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN TRUE



09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker

DRAWN BY: Author

TEXAS ACCESSIBILITY STANDARDS

G-021

RENDERINGS
G-090
FOR BLUEBEAM LABELING/OCR:

0"
1"



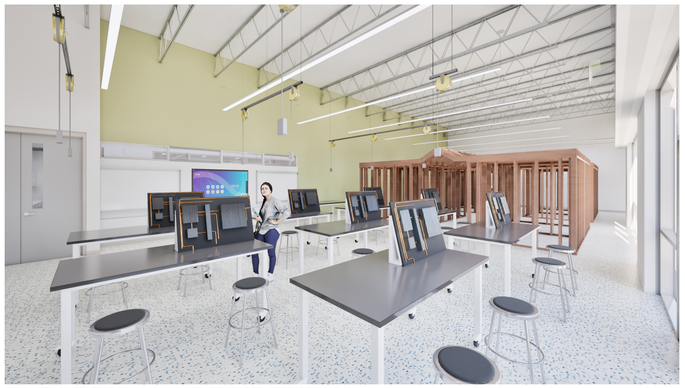
EXTERIOR SIGNAGE



MAIN LOBBY



ELECTRICAL - COMMERCIAL



ELECTRICAL - RESIDENTIAL



STUDENT LOUNGE



ELECTRICAL ENGINEERING CLASSROOM



STUDENT LOUNGE



CHEMISTRY LAB



BIOLOGY LAB



ALLIED HEALTH



NURSING SIMULATION



NURSING SKILLS

PBK

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NORTHEAST LAKEVIEW COLLEGE-
SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

REGISTERED ARCHITECT
JESSICA BRENNER
20575
STATE OF TEXAS

09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

RENDERINGS

G-090

Plot Stamp:
9/24/2025 4:17:29 PM

ALTERNATE DESIGN RENDERINGS
G-091
FOR BLUEBEAM LABELING/OCR:

0"
1"



04 ALTERNATE 01 EXTERIOR DESIGN - VIEW 4
12" = 1'-0"



03 ALTERNATE 01 EXTERIOR DESIGN - VIEW 3
12" = 1'-0"



02 ALTERNATE 01 EXTERIOR DESIGN - VIEW 2
12" = 1'-0"



01 ALTERNATE 01 EXTERIOR DESIGN - VIEW 1
12" = 1'-0"

PBK

SAN ANTONIO, TX
210-829-0123

TX FIRM: BR 1608

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C
A

TRUE

REGISTERED ARCHITECT
JESSICA BARRETT
28675
STATE OF TEXAS

09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker

DRAWN BY: Author

ALTERNATE DESIGN RENDERINGS

G-091

Plot Stamp:
9/24/2025 4:17:30 PM

1ST FLOOR - CODE REVIEW
G-101

FOR BLUEBEAM LABELING/OCR:

0"
1"

OCCUPANCY LOAD FACTOR LEGEND

- 15 SF NET - ASSEMBLY WITHOUT FIXED SEATS - UNCONCENTRATED
- 20 SF NET - EDUCATIONAL - CLASSROOM
- 50 SF NET - EDUCATIONAL - SHOPS/VOCATIONAL
- 150 SF GROSS - BUSINESS AREAS
- 300 SF GROSS - ACCESSORY STORAGE, MECH EQUIPMENT
- 50 SF NET - LIBRARY - READING ROOM

OCCUPANCY TYPES

- ASSEMBLY OCCUPANCY
- BUSINESS OCCUPANCY



1 LEVEL 1 - LIFE SAFETY PLAN
1/16" = 1'-0"

PROJECT GENERAL INFORMATION

NAME OF PROJECT:	ACD Northeast Lakeview College New Braunfels
BUILDING / FACILITY NAME:	SUNDANCE RENOVATION
LOCATION (ADDRESS):	2049 SUNDANCE PARKWAY
STATE, ZIP CODE:	NEW BRAUNFELS, TEXAS 78130
DESCRIPTION OF PROJECT:	RENOVATION OF EXISTING SINGLE STORY TILT-UP BUILDING TO HOUSE CLASSROOMS AND LABORATORIES
AUTHORITY HAVING JURISDICTION:	CITY OF NEW BRAUNFELS
APPLICABLE BUILDING CODE:	2021 INTERNATIONAL BUILDING CODE 2021 INTERNATIONAL FIRE CODE 2021 INTERNATIONAL MECANICAL CODE 2021 INTERNATIONAL PLUMBING CODE 2020/NATIONAL ELECTRICAL CODE / 2021 INTERNATIONAL ELECTRICAL CODE
APPLICABLE ENERGY CODE:	2021 INTERNATIONAL ENERGY CONSERVATION CODE
ACCESSIBILITY:	2012 TEXAS ACCESSIBILITY STANDARDS
CONSTRUCTION TYPE:	TYPE IIB
CONSTRUCTION TYPE MIX:	N/A
OCCUPANCY CLASSIFICATION:	BUSINESS
OVERALL USE OF BUILDING:	CLASSROOMS AND LABORATORIES FOR HIGHER EDUCATION
HIGH RISE BUILDING:	NO
AUTOMATIC FIRE SPRINKLER SYSTEM:	YES
STANDPIPE SYSTEM:	NO
MINIMUM CORRIDOR WIDTH (RE. IBC):	44"
GROSS BUILDING SQ FT:	58,370 SQ FT.
NET BUILDING SQ FT:	56,598 SQ FT.

OCCUPANCY AND EGRESS

	Number of Occupants	Exits		Egress Door Width (in.)		Egress Stair Width (in.)	
		Single Exit Maximum Occupant Load: 49		Means of Egress Capacity Factor: 0.2 in.		Stairway Means of Egress Capacity Factor: 0.3in.	
		Required	Provided	Required	Provided	Required	Provided
First Floor	985	3	17	197"	468"	296"	0"

PLUMBING / FIXTURE COUNTS

		Water Closets + Urinals		Lavatories		Drinking Fountains		Bathtubs/Showers		Service Sinks	
Occupancy Type:B	Occupants	Required	Provided	Required	Provided	Required	Provided	Required	Provided	Required	Provided
Total Occupants:	985	-	-	-	-	10	15	-	-	1	1
Total Female Occupants:	493	11	13	8	8	-	-	-	-	-	-
Total Male Occupants:	493	11	13	8	8	-	-	-	-	-	-
Unisex Assisted Use:	-	0	1	0	0	-	-	-	-	-	-

CODE ANALYSIS SYMBOLS

- 1-HOUR FIRE RATING
- 2-HOUR FIRE RATING
- 3-HOUR FIRE RATING
- EGRESS TRAVEL PATH
- EGRESS COMMON PATH OF TRAVEL
- CP: 0" — EGRESS COMMON PATH
- ET: 0" — EGRESS TRAVEL PATH
- EXIT SIGN
- Area Name — A-3 [100.0] 150 SF OL 00000 — OCCUPANCY TYPE / ROOM AREA — FUNCTION OF SPACE — LOAD FACTOR — OCCUPANT LOAD FOR ROOM (NET FUNCTIONS ONLY)
- 35" — POINT OF ***EXIT ACCESS*** WITH CLEAR EXIT WIDTH (EXCLUDING DOOR LEAF AND FRAME STOPS)
- 35" — POINT OF ***EXIT DISCHARGE*** WITH CLEAR EXIT WIDTH (EXCLUDING DOOR LEAF AND FRAME STOPS)
- A.E.D. — AUTOMATED EXTERNAL DEFIBRILLATOR
- F.E.C. — FIRE EXTINGUISHER CABINET
- ACCESSIBLE PUSH PLATE ACTUATOR
- F.E. — FIRE EXTINGUISHER
- FH — PROPOSED FIRE HYDRANT
- FIRE HOSE COVERAGE

FIRE-RATED ASSEMBLIES

ROOF ASSEMBLY	UL P921
FLOOR ASSEMBLY	UL D780
WIDE FLANGE STEEL COLUMNS	UL X772
TUBE STEEL COLUMNS	UL X771
STUD FRAMED WALL	UL U465
STUD FRAMED SHAFTWALL	UL U415
CMU WALL	UL U905

1. UL ASSEMBLIES INDICATED ESTABLISH A BASIS OF PERFORMANCE. OTHER ASSEMBLIES MAY BE CONSIDERED AT THE DISCRETION OF THE ARCH. IF EQUIVALENT PERFORMANCE IS PROVIDED. SUBSTITUTION PROPOSALS SHALL INCLUDE CHANGES REQUIRED TO ALL COMPONENTS OF THE ASSEMBLY.

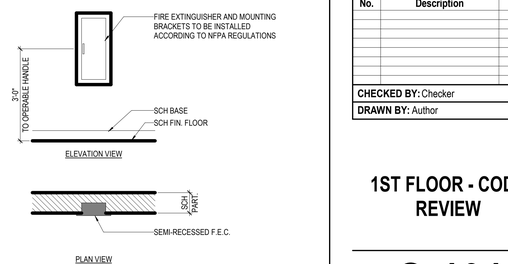
2. PROTECT ALL CONDUIT, PIPES, DUCTS, AND MISC. PENETRATIONS THROUGH FIRE-RATED WALLS, FLOOR, AND OR ROOF ASSEMBLIES WITH FIRE SAFING INSULATION AND FIRE STOP SEALANT. REFER TO GUIDELINES FOR APPROPRIATE ASSEMBLIES.

3. PROVIDE DAMPERS AND OR LIGHT FIXTURE PROTECTION AS REQUIRED BY UL ASSEMBLIES.

4. PROVIDE SPRAY-ON FIREPROOFING PROTECTION FOR STRUCTURAL MEMBERS CROSSING FROM A FIRE-RATED ROOF ASSEMBLY AND OR A FIRE-RATED FLOOR ASSEMBLY INTO OTHER AREAS WITH ANY OTHER FIRE-RATED ASSEMBLY OR NO FIRE-RATED ASSEMBLY, FOR THEIR FULL LENGTH.

5. PERMANENTLY MARK ALL WALLS ABOVE CEILINGS AS FOLLOWS:
"FIRE-RATED WALL - PROTECT ALL OPENINGS"
LETTERS SHALL BE RED IN COLOR AND A MINIMUM OF 2 1/2 INCHES IN HEIGHT. PROVIDE A MINIMUM OF ONE MARKING PER STRUCTURAL BAY.

6. PERMANENTLY MARK SMOKE PARTITIONS ABOVE CEILINGS AS FOLLOWS:
"SMOKE PARTITION - PROTECT ALL OPENINGS"
LETTERS SHALL BE RED IN COLOR AND A MINIMUM OF 2 1/2 INCHES IN HEIGHT. PROVIDE A MINIMUM OF ONE MARKING PER STRUCTURAL BAY.



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SAN ANTONIO, TX
210-829-0123

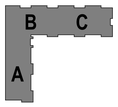
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN TRUE



09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker

DRAWN BY: Author

1ST FLOOR - CODE REVIEW

G-101

Plot Stamp:
9/24/2025 4:18:01 PM

GENERAL NOTES
C-1

FOR BLUEBEAM LABELING/OCR:

0"
1"

STANDARD ABBREVIATIONS

AC	ASBESTOS CONCRETE	HMAC	HOT MIX ASPHALTIC CONCRETE	PCCP	PRESTRESSED CONCRETE CYLINDER PIPE
AH	AHEAD	HRS	HOURS	PL	PROPERTY LINE
ASPH	ASPHALT	IAW	IN ACCORDANCE WITH	R	RADIUS
B-B	BACK TO BACK	I.D.	INSIDE DIAMETER	RR	RAILROAD
BC	BACK OF CURB	IP	IRON PIN	RCP	REINFORCED CONCRETE PIPE
BK	BACK	LF	LINEAR FEET	REQ'D	REQUIRED
BSL	BUILDING SETBACK LINE	LT	LEFT	RT	RIGHT
CI	CAST IRON	L	LENGTH	ROW	RIGHT-OF-WAY
CL	CENTERLINE	LP	LIGHT POLE	RWL	RECYCLE WATER LINE
CONC	CONCRETE	MH	MANHOLE	S	SLOPE
CP	CONTROL PANEL	MAX	MAXIMUM	SS	SANITARY SEWER
CSC	CONCRETE STEEL CYLINDER PIPE	MJ	MECHANICAL JOINT	SE	SOUTHEAST
CORP	CORPORATION	MIN	MINIMUM	SW	SOUTHWEST
CMP	CORRUGATED METAL PIPE	N	NORTH	STA	STATION
CPL	COUPLING	NE	NORTHEAST	STD	STANDARD
DWG	DRAWING	NW	NORTHWEST	SD	STORM SEWER/DRAINAGE
DI	DUCTILE IRON	NA	NOT APPLICABLE	T	TANGENT
E	EAST	NTS	NOT TO SCALE	T/P	TOP OF PIPE
ELEV / EL	ELEVATION	OC	ON CENTER	T/G	TOP OF GROUND
EP	EDGE OF PAVEMENT				
EX / EXIST	EXISTING	OD	OUTER DIAMETER	TEL	TELEPHONE
EW	EACH WAY	OHE	OVERHEAD ELECTRICAL	TBM	TEMPORARY BENCHMARK
EWEF	EACH WAY EACH FACE	OHT	OVERHEAD TELEPHONE	THD	THREADED
FC	FACE OF CURB	OHETC	OVERHEAD ELECTRICAL/TELEPHONE/CABLE	TYP	TYPICAL
FO	FIBER OPTIC	PVMT	PAVEMENT	UG	UNDERGROUND
FH	FIRE HYDRANT	+/-	PLUS OR MINUS	UN	UNLESS NOTED
FL	FLOWLINE	PC	POINT OF CURVATURE	UNK	UNKNOWN
FND	FOUND	PE	PLAIN END	VERT	VERTICAL
GA	GAUGE	PI	POINT OF INTERSECTION	VPI	VERTICAL POINT OF INFLECTION
GI	GALVANIZED IRON	PT	POINT OF TANGENCY	VPC	VERTICAL POINT OF CURVATURE
GPS	GLOBAL POSITION STATION	PVC	POLYVINYL CHLORIDE PIPE	VPT	VERTICAL POINT OF TANGENCY
GRND	GROUND	PSI	POUNDS PER SQUARE INCH	WWF	WELDED WIRE FABRIC
HDPE	HIGH DENSITY POLYETHYLENE PIPE	PP	POWER POLE	TS	TEST STATION
HORZ	HORIZONTAL	PVI	POINT OF VERTICAL INTERSECTION		

CITY OF NEW BRAUNFELS – CONSTRUCTION NOTES – (REV 3–2020)

1. IF CONSTRUCTION HAS NOT COMMENCED WITHIN ONE–YEAR OF CITY APPROVAL FOR CONSTRUCTION INSPECTION, THAT APPROVAL IS NO LONGER VALID.

2. THE MOST CURRENT EDITIONS OF THE CITY OF SAN ANTONIO STANDARD SPECIFICATIONS AND THE TEXAS DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS AND BRIDGES SHALL BE FOLLOWED FOR ALL CONSTRUCTION EXCEPT AS AMENDED BY THE CITY OF NEW BRAUNFELS STANDARD DETAILS.

3. ALL RESPONSIBILITY FOR THE ADEQUACY OF THESE PLANS REMAINS WITH THE ENGINEER OF RECORD, IN ACCEPTING THESE PLANS, THE CITY OF NEW BRAUNFELS MUST RELY UPON THE ADEQUACY OF THE WORK OF THE ENGINEER OF RECORD.

4. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE CITY OF NEW BRAUNFELS TO SCHEDULE A PRECONSTRUCTION MEETING.

   FOR PUBLIC INFRASTRUCTURE PERMIT (SC) OR SITE PREP PERMIT (SD) PROJECTS:
   4.1 FOR INSPECTIONS, YOU MUST CALL BEFORE 12:00 P.M., 48 HOURS PRIOR TO YOUR INSPECTION REQUEST
   4.2 EACH INSPECTION WILL BE ALLOTTED 1 HOUR UNLESS YOU REQUEST FOR MORE TIME.
   4.3 ONCE YOUR REQUEST HAS BEEN ACCEPTED, YOU WILL RECEIVE A CALL FROM THE CITY OF NEW BRAUNFELS INSPECTOR.

   FOR COMMERCIAL PERMIT (CP) PROJECTS:
   4.4 ALL INSPECTIONS ARE TO BE CALLED IN AT 830–221–4068 OR,
   4.5 FAXED IN AT 830–608–2117 OR,
   4.6 E–MAILED AT INSPECTIONS@NBTEXAS.ORG.

5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SEE THAT ALL TEMPORARY AND PERMANENT TRAFFIC CONTROL DEVICES ARE PROPERLY INSTALLED AND MAINTAINED IN ACCORDANCE WITH THE PLANS AND LATEST EDITION OF THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES. IF, IN THE OPINION OF THE ENGINEERING REPRESENTATIVE AND THE CONSTRUCTION INSPECTOR, THE BARRICADES AND SIGNS DO NOT CONFORM TO ESTABLISHED STANDARDS OR ARE INCORRECTLY PLACED OR ARE INSUFFICIENT IN QUANTITY TO PROTECT THE GENERAL PUBLIC, THE CONSTRUCTION INSPECTOR SHALL HAVE THE OPTION TO STOP OPERATIONS UNTIL SUCH TIME AS THE CONDITIONS ARE CORRECTED. IF THE NEED ARISES, ADDITIONAL TEMPORARY TRAFFIC CONTROL DEVICES MAY BE ORDERED BY THE ENGINEERING REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.

6. A TXDOT TYPE II B–B BLUE REFLECTIVE RAISED PAVEMENT MARKER SHALL BE INSTALLED IN THE CENTER OF THE ROADWAY ADJACENT TO ALL FIRE HYDRANTS. IN LOCATIONS WHERE HYDRANTS ARE SITUATED ON CORNERS, BLUE REFLECTIVE RAISED PAVEMENT MARKERS SHALL BE INSTALLED ON BOTH APPROACHES WHICH FRONT THE HYDRANT. THE RAISED PAVEMENT MARKER SHALL MEET TXDOT MATERIAL, EPOXY AND ADHESIVE SPECIFICATIONS.

GROUNDWATER

7. IT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER, CONTRACTOR, SUBCONTRACTORS, BUILDERS, GEO–TECHNICAL ENGINEER, AND PROJECT ENGINEER TO IMMEDIATELY NOTIFY THE OFFICE OF THE CITY ENGINEER AND PROJECT ENGINEER IF THE PRESENCE OF GROUNDWATER WITHIN THE SITE IS EVIDENT. UPON NOTIFICATION THE PROJECT ENGINEER SHALL RESPOND WITH PLAN REVISIONS FOR THE MITIGATION OF THE GROUNDWATER ISSUE. THE CITY ENGINEER SHALL RESPOND WITHIN TWO (2) BUSINESS DAYS UPON RECEIPT OF THE MITIGATION PLAN. ALL CONSTRUCTION ACTIVITY, IMPACTED BY THE DISCOVERY OF GROUNDWATER, SHALL BE SUSPENDED UNTIL THE CITY ENGINEER GRANTS A WRITTEN APPROVAL OF THE GROUNDWATER MITIGATION PLAN.

RECORD DRAWINGS

8. AS PER PLATTING ORDINANCE SECTION 118–38M.: WHEN ALL OF THE IMPROVEMENTS ARE FOUND TO BE CONSTRUCTED AND COMPLETED IN ACCORDANCE WITH THE APPROVED PLANS AND SPECIFICATIONS AND WITH THE CITY'S STANDARDS, AND UPON RECEIPT OF ONE SET OF 'RECORD DRAWING' PLANS, AND A DIGITAL COPY OF ALL PLANS (PDF COPY) THE CITY ENGINEER SHALL ACCEPT SUCH IMPROVEMENTS FOR THE CITY OF NEW BRAUNFELS, SUBJECT TO THE GUARANTY OF MATERIAL AND WORKMANSHIP PROVISIONS IN THIS SECTION.

CONSTRUCTION NOTE

9. ENGINEER OF RECORD IS RESPONSIBLE TO ENSURE THAT EROSION CONTROL MEASURES AND STORMWATER CONTROL SUFFICIENT TO MITIGATE OFF SITE IMPACTS ARE IN PLACE AT ALL STAGES OF CONSTRUCTION.

~~DRAINAGE NOTE~~

10. ~~DRAINAGE IMPROVEMENTS SUFFICIENT TO MITIGATE THE IMPACT OF CONSTRUCTION SHALL BE INSTALLED PRIOR TO ADDING IMPERVIOUS COVER.~~

~~FINISHED FLOOR ELEVATIONS~~

11. ~~THE ELEVATION OF THE LOWEST FLOOR SHALL BE AT LEAST 10 INCHES ABOVE THE FINISHED GRADE OF THE SURROUNDING GROUND, WHICH SHALL BE SLOPED IN A FASHION SO AS TO DIRECT STORMWATER AWAY FROM THE STRUCTURE. PROPERTIES ADJACENT TO STORMWATER CONVEYANCE STRUCTURES MUST HAVE FLOOR SLAB ELEVATION OR BOTTOM OF FLOOR JOISTS A MINIMUM OF ONE FOOT ABOVE THE 100–YEAR WATER FLOW ELEVATION IN THE STRUCTURE. DRIVEWAYS SERVING HOUSES ON THE DOWNHILL SIDE OF THE STREET SHALL HAVE A PROPERLY SIZED CROSS SWALE PREVENTING RUNOFF FROM ENTERING THE GARAGE.~~

~~SOILS TESTING~~

12. ~~PROCTORS SHALL BE SAMPLED FROM ON–SITE MATERIAL (ON–SITE IS DEFINED AS LIMITS OF CONSTRUCTION FOR THIS PLAN SET) AND A COPY OF THE PROCTOR RESULTS SHALL BE DELIVERED TO THE CITY OF NEW BRAUNFELS STREET INSPECTOR PRIOR TO ANY DENSITY TESTS.~~

~~ROADWAY~~

13. ~~ALL ROADWAY COMPACTION TESTS SHALL BE THE RESPONSIBILITY OF THE DEVELOPER'S GEOTECHNICAL ENGINEER. FLEXIBLE BASE OR FILL/EMBANKMENT MATERIAL SHALL BE PLACED IN UNIFORM LAYERS NOT TO EXCEED EIGHT INCHES (8") LOOSE. THE REQUIRED DENSITY FOR THE FILL/EMBANKMENT MATERIAL SHALL MEET THE REQUIREMENTS OF TXDOT'S SPECIFICATION ITEM 132. THE REQUIRED DENSITY FOR THE FLEXIBLE BASE MATERIAL SHALL MEET THE REQUIREMENTS OF TXDOT'S SPECIFICATION ITEM 247. EACH LAYER OF MATERIAL, INCLUSIVE OF SUBGRADE, SHALL BE COMPACTED AS SPECIFIED AND TESTED FOR DENSITY AND MOISTURE IN ACCORDANCE WITH TEST METHODS TEX–113–E, TEX–114–E, TEX–115–E. THE NUMBER AND LOCATION OF REQUIRED TESTS SHALL BE DETERMINED BY THE GEOTECHNICAL ENGINEER AND APPROVED BY THE CITY OF NEW BRAUNFELS STREET INSPECTOR. AT A MINIMUM, TESTS SHALL BE TAKEN EVERY 200 LF FOR EACH LIFT. UPON COMPLETION OF TESTING, THE GEOTECHNICAL ENGINEER WILL PROVIDE THE CITY OF NEW BRAUNFELS STREET INSPECTOR WITH ALL TESTING DOCUMENTATION AND A CERTIFICATION STATING THAT THE PLACEMENT OF FLEXIBLE BASE AND FILL MATERIAL AND SUBGRADE HAS BEEN COMPLETED IN ACCORDANCE WITH THE PLANS. ADDITIONAL DENSITY TESTS MAY BE REQUESTED BY THE CITY OF NEW BRAUNFELS INSPECTOR.~~

~~ITEM 340~~

14. ~~ASPHALTIC CONCRETE PAVEMENT SHALL BE THE TYPE OF HOT MIX ASPHALT AS DEFINED IN TXDOT'S STANDARD SPECIFICATIONS FOR CURRENT TXDOT STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREET AND BRIDGES.~~

15. ~~THE CITY OF NEW BRAUNFELS WILL NOT ACCEPT THE USE OF RECYCLED ASPHALT PAVEMENT (RAP) OR RECYCLED ASPHALT SHINGLES (RAS) IN ASPHALT MIXTURES FOR NEW ROADWAYS. ANY DEBRIS INCLUSIONS WITHIN NEW ASPHALT PAVEMENTS WILL RESULT IN ASPHALT REMOVAL AND REPLACEMENT FROM CURB TO CURB FOR LIMITS TO BE DETERMINED BY THE CITY OF NEW BRAUNFELS.~~

16. ~~THE ASPHALTIC CONCRETE PAVEMENT SURFACE COURSE SHALL BE PLANT MIXED, HOT LAID TYPE 'D' MEETING THE SPECIFICATION REQUIREMENTS OF TXDOT ITEM 340. THE ASPHALTIC CONCRETE PAVEMENT SUB–SURFACE COURSES SHALL BE PLANT MIXED, HOT LAID TYPE 'B' MEETING THE SPECIFICATION REQUIREMENTS OF TXDOT ITEM 340. THE MIXTURE SHALL BE DESIGNED PER THE DESIGN REQUIREMENTS SPECIFIED IN TXDOT ITEM 340 AND SHALL BE COMPACTED TO BETWEEN 91 AND 95 PERCENT OF THE MAXIMUM THEORETICAL DENSITY AS DETERMINED BY TXDOT TEST METHOD TEX–227–F. PLACE THE MIXTURE WHEN THE ROADWAY SURFACE TEMPERATURE IS AT OR ABOVE 60°F. COMPLETE ALL COMPACTION OPERATIONS BEFORE THE PAVEMENT TEMPERATURE DROPS BELOW 160°F. THE ASPHALT CEMENT CONTENT BY PERCENT OF TOTAL MIXTURE WEIGHT SHALL FALL WITHIN A TOLERANCE OF +0.5 PERCENT FROM A SPECIFIC MIX DESIGN.~~

UTILITY TRENCH COMPACTION

17. ALL UTILITY TRENCH COMPACTION TESTS WITHIN THE STREET PAVEMENT/SIDEWALK SECTION SHALL BE THE RESPONSIBILITY OF THE DEVELOPER'S GEOTECHNICAL ENGINEER. FILL MATERIAL SHALL BE PLACED IN UNIFORM LAYERS NOT TO EXCEED TWELVE INCHES (12") LOOSE. DETERMINE THE MAXIMUM LIFT THICKNESS BASED ON THE ABILITY OF THE COMPACTING OPERATION AND EQUIPMENT USED TO MEET THE REQUIRED DENSITY. EACH LAYER OF MATERIAL SHALL BE COMPACTED TO A MINIMUM 95% DENSITY AND TESTED FOR DENSITY AND MOISTURE IN ACCORDANCE WITH TEST METHODS TEX–113–E, TEX–114–E, TEX–115–E. THE NUMBER AND LOCATION OF REQUIRED TESTS SHALL BE DETERMINED BY THE GEOTECHNICAL ENGINEER AND APPROVED BY THE CITY OF NEW BRAUNFELS STREET INSPECTOR. AT A MINIMUM, TESTS SHALL BE TAKEN EVERY 200 LF FOR EACH LIFT AND EVERY OTHER SERVICE LINE. UPON COMPLETION OF TESTING THE GEOTECHNICAL ENGINEER SHALL PROVIDE THE CITY OF NEW BRAUNFELS STREET INSPECTOR WITH ALL TESTING DOCUMENTATION AND A CERTIFICATION STATING THAT THE PLACEMENT OF FILL MATERIAL HAS BEEN COMPLETED IN ACCORDANCE WITH THE PLANS. ADDITIONAL DENSITY TESTS MAY BE REQUESTED BY THE CITY OF NEW BRAUNFELS INSPECTOR.

~~CURB CUT DUE TO CONSTRUCTION OF NEW RIGHT–OF–WAY CONSTRUCTION~~

18. ~~CURB CUTS SHALL BE THE FOLLOWING METHODS AND INDICATED ON THE PLANS IN DETAIL WHERE APPLICABLE:~~
   ~~18.1 SAWCUT EXISTING STREET AND MATCH TO NEW CONSTRUCTION.~~
   ~~18.2 SAWCUT EXISTING CURB TO TIE INTO EXISTING CONSTRUCTION.~~

~~CONSTRUCTION STABILIZED ENTRANCE~~

19. ~~SAWCUT CURB FOR CONSTRUCTION ENTRANCE.~~

20. ~~STABILIZED CONSTRUCTION AREA SHALL BE CONSTRUCTED OF 3"–5" ROCK TO BE PLACED A MINIMUM LENGTH OF 25 FT AND MAINTAINED SO THAT CONSTRUCTION DEBRIS DOES NOT FALL WITHIN THE CITY RIGHT–OF–WAY. RIGHT–OF–WAY MUST BE CLEARED FROM MUD, ROCKS, ETC AT ALL TIMES.~~

~~SIGNING AND PAVEMENT MARKING PLAN NOTES~~

21. ~~THE CONTRACTOR SHALL FURNISH AND INSTALL ALL REGULATORY AND WARNING SIGNS, STREETS NAME SIGNS AND SIGN MOUNTS IN ACCORDANCE WITH APPROVED ENGINEERING PLANS. THE CITY WILL INSPECT ALL SIGNS AT FINAL INSPECTION.~~

22. ~~THE CONTRACTOR SHALL INSTALL ALL PAVEMENT MARKINGS IN ACCORDANCE WITH APPROVED ENGINEERING PLANS.~~

23. ~~THE CONTRACTOR SHALL NOTIFY THE CITY AT LEAST TWENTY–FOUR (24) HOURS PRIOR TO THE INSTALLATION OF ALL SEALER AND FINAL MARKINGS. THE CITY WILL INSPECT ALL MARKINGS AT FINAL APPLICATION.~~

~~SEEDING AND ESTABLISHMENT OF VEGETATION WITHIN EARTHEN CHANNELS, STORMWATER BASINS AND DISTURBED AREAS~~

24. ~~SEEDING FOR THE PURPOSE OF ESTABLISHING VEGETATION WITHIN CONSTRUCTED EARTHEN CHANNELS, BASINS AND DISTURBED AREAS SHALL BE CONDUCTED IN ACCORDANCE WITH ITEM 164 (SEEDING FOR EROSION CONTROL) OF TXDOT'S STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MAINTENANCE OF HIGHWAYS, STREETS AND BRIDGES MANUAL. ONLY SEED TYPES AND MIXES SPECIFIED FOR THE SAN ANTONIO DISTRICT (DISTRICT 15) IN TABLES 1 AND 2 UNDER ITEM 164 SHALL BE UTILIZED. DURING THE COOL SEASON (SEPT 1–NOV 30), CEREAL RYE AND SEED SPECIES SPECIFIED FOR THE SAN ANTONIO DISTRICT IN TABLE 3 MAY BE USED. FOR COOL SEASON SEEDING APPLICATIONS, COOL SEASON SEED MIXES SHALL BE USED IN CONJUNCTION WITH SEED MIXES FOR THE SAN ANTONIO DISTRICT AS SPECIFIED IN TABLE 1 AND 2 UNDER ITEM 164.~~

25. ~~IT MAY BE DEEMED NECESSARY TO INCORPORATE TOPSOIL AND SOIL AMENDMENTS (I.E. COMPOST/FERTILIZER) INTO EXISTING SOIL IN ORDER TO FACILITATE VEGETATION GROWTH. TOPSOIL, COMPOST AND FERTILIZER ADDITIONS SHALL BE CONDUCTED ACCORDING TO ITEMS 160, 161 AND 166 OF TXDOT'S STANDARD SPECIFICATIONS MANUAL, RESPECTIVELY.~~

26. ~~AREAS REQUIRING PERMANENT VEGETATION (EARTHEN CHANNELS, PONDS, ETC.) ARE REQUIRED TO MEET TXDOT SPECIFICATIONS FOR ITEM 160 TOPSOIL. TESTING PER ITEM 128.E WILL BE REQUIRED AT THE CITY'S REQUEST.~~

27. ~~WATERING MAY ALSO BE NECESSARY TO FACILITATE AND EXPEDITE THE SPROUTING AND GROWTH OF VEGETATION. ITEM 168 OF TXDOT'S STANDARD SPECIFICATIONS MANUAL SHALL BE ADHERED TO FOR VEGETATIVE WATERING.~~

28. ~~IF EXTENDED DROUGHT CONDITIONS EXIST THAT HINDER OR PROHIBIT THE GROWTH AND ESTABLISHMENT OF VEGETATION, THE CONTRACT/ DEVELOPER SHALL PROVIDE A PLAN TO THE CITY OF NEW BRAUNFELS DESCRIBING THE MEASURES THAT WILL BE TAKEN TO STABILIZE EARTHEN DRAINAGE INFRASTRUCTURE UNTIL A TIME WHEN GROWING CONDITIONS BECOME MORE FAVORABLE.~~

INK CIVIL
2021 W SH46, STE 105
NEW BRAUNFELS, TX. 78132
PH: 830–358–7127 ink–civil.com
TBPE FIRM F–13351

PBK
www.pbk.com
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SAN ANTONIO, TX
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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO. 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C
A

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
JAMES INGALLS
107416
LICENSED
PROFESSIONAL ENGINEER
09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/10/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: GP

GENERAL NOTES

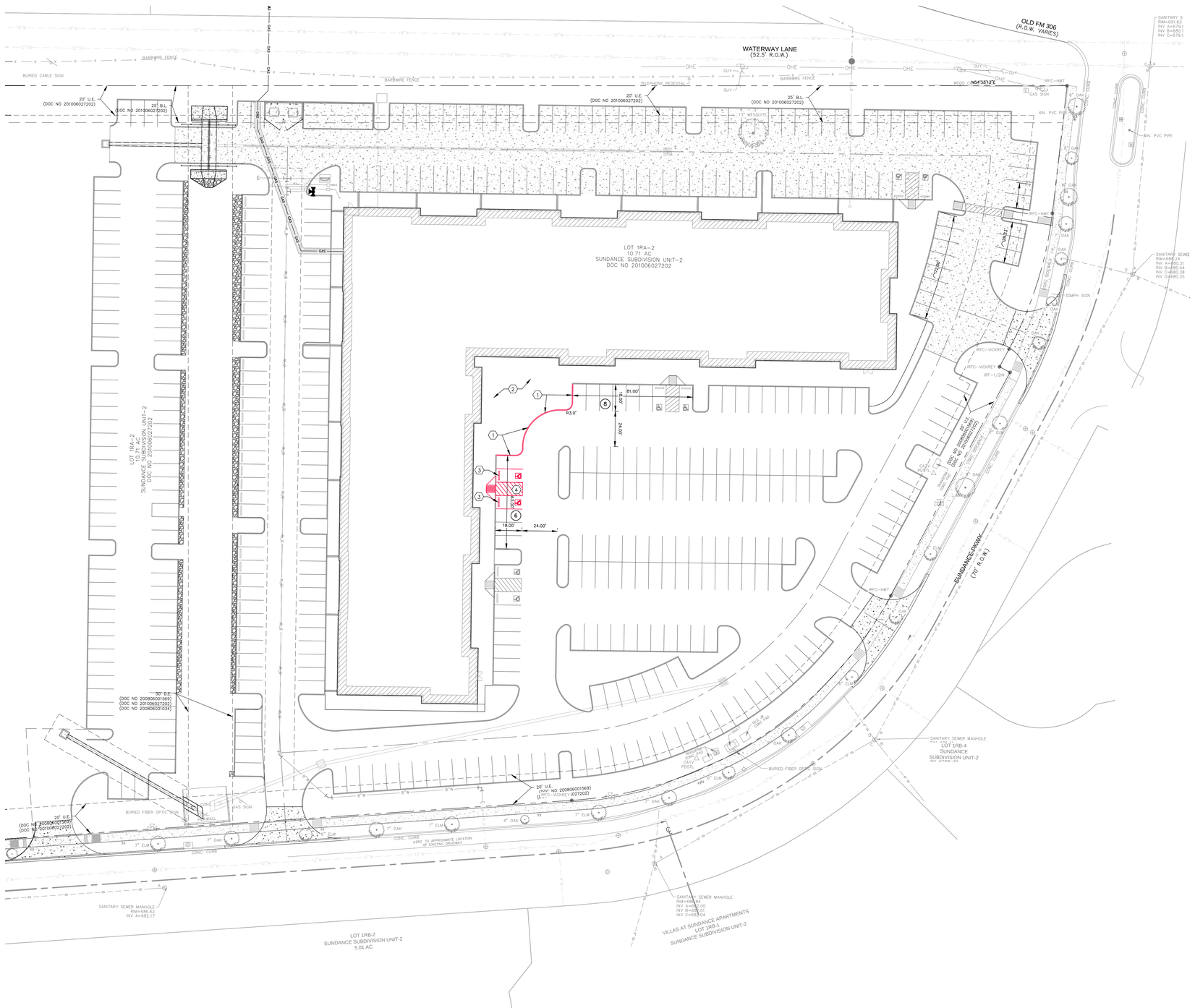
C-1

Plot Stamp:
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SITE PLAN
C-2

FOR BLUEBEAM LABELING/DOOR:

0" 1"



0 30' 60'
SCALE: 1" = 30'

LEGEND

- OHE — EXISTING OVERHEAD ELECTRIC
- 8"W — EXISTING 8" WATER LINE
- 12"W — EXISTING 12" WATER LINE
- 18"W — EXISTING 18" WATER LINE
- 8"SS — EXISTING 8" SANITARY SEWER LINE
- 10"SS — EXISTING 10" SANITARY SEWER LINE
- 12"SS — EXISTING 12" SANITARY SEWER LINE
- 18"SS — EXISTING 18" SANITARY SEWER LINE
- BOUNDARY LINE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING GUY WIRE
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING ELECTRIC METER
- EXISTING STORM DRAIN MANHOLE
- EXISTING SIGN
- EXISTING CATV PEDESTAL
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING IRRIGATION CONTROL VALVE
- EXISTING TREE
- (5) PARKING COUNT

* ALL DIMENSIONS TO FACE OF CURB UNLESS OTHERWISE NOTED

SITE PLAN KEYNOTES

ITEM	DESCRIPTION
(1)	CONSTRUCT STANDARD CURB PER DETAIL (SEE SHEET C-4)
(2)	STANDARD CONCRETE SIDEWALK PER DETAIL (SEE SHEET C-4)
(3)	WHEEL STOP PER DETAIL (SEE SHEET C-4)
(4)	INSTALL ACCESSIBLE SPACES PER DETAIL (SEE SHEET C-4)

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210-829-0123

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO. 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C
A

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
JAMES INGALLS
107416
LICENSED
PROFESSIONAL ENGINEER
09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/10/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: GP

SITE PLAN

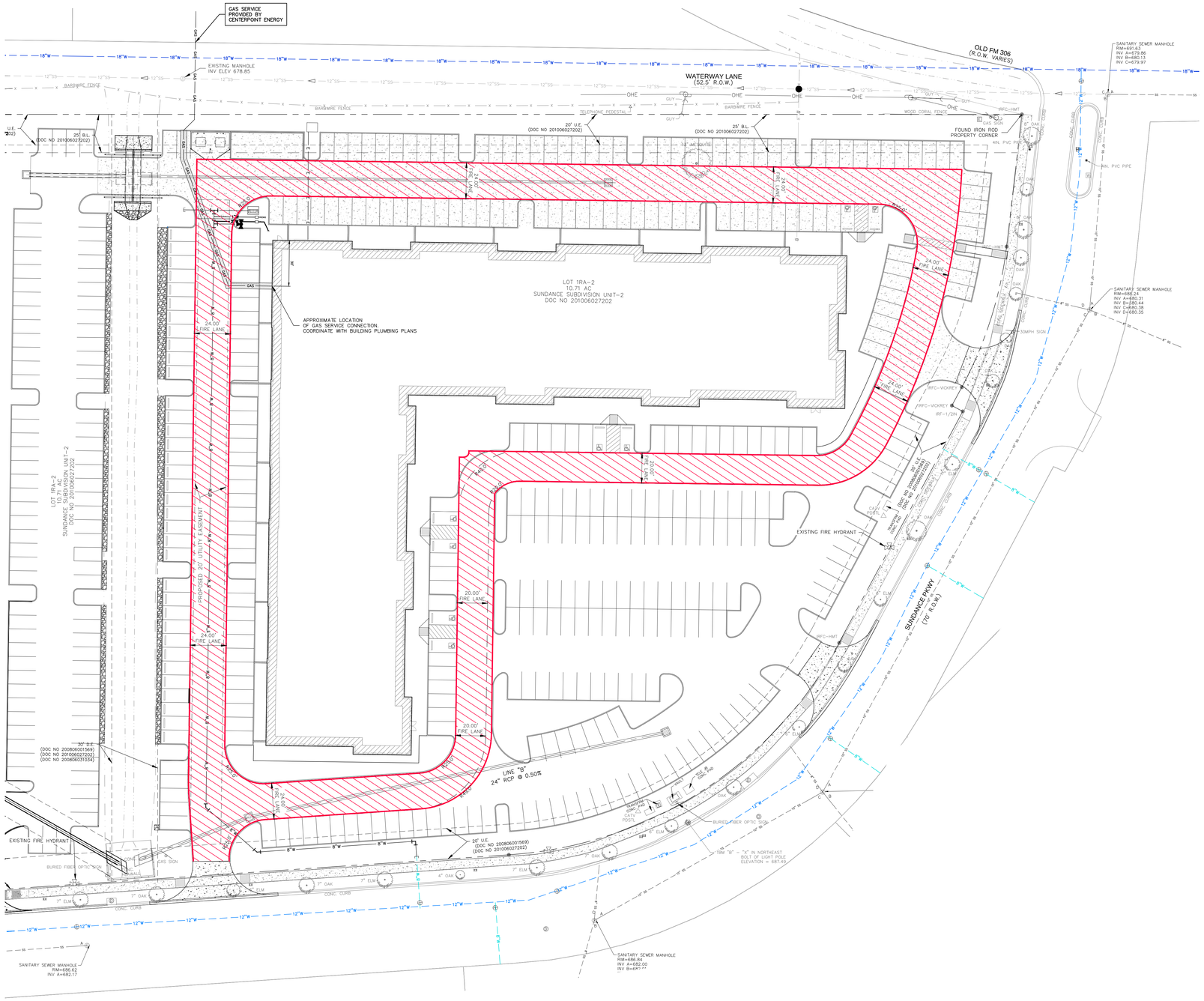
C-2

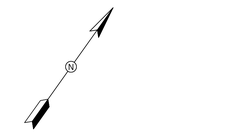
Plot Stamp:
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UTILITY PLAN
C-3

FOR BLUEBEAM LABELING/DOOR:

0"
1"





LEGEND

- EXISTING OVERHEAD ELECTRIC
- EXISTING 8" WATER LINE
- EXISTING 12" WATER LINE
- EXISTING 18" WATER LINE
- EXISTING 8" SANITARY SEWER LINE
- EXISTING 10" SANITARY SEWER LINE
- EXISTING 12" SANITARY SEWER LINE
- EXISTING 18" SANITARY SEWER LINE
- BOUNDARY LINE
- EXISTING SANITARY SEWER MANHOLE
- EXISTING GUY WIRE
- EXISTING UTILITY POLE
- EXISTING LIGHT POLE
- EXISTING ELECTRIC METER
- EXISTING STORM DRAIN MANHOLE
- EXISTING SIGN
- EXISTING CATV PEDESTAL
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT
- EXISTING IRRIGATION CONTROL VALVE
- EXISTING TREE
- PROPOSED GAS (BY CENTERPOINT ENERGY)
- FIRE LANE (EXISTING)

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
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UTILITY PLAN

C-3

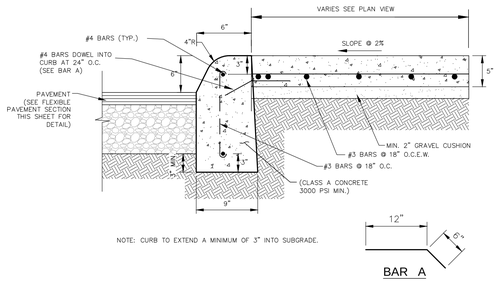
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SITE DETAILS
C-4

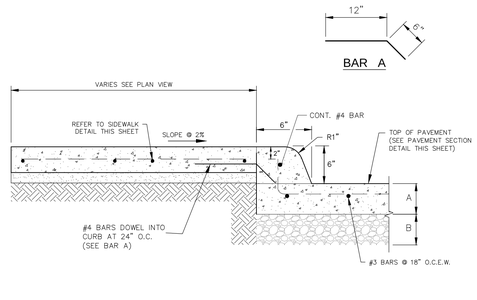
FOR BLUEBEAM LABELING/DOCR:

0"
1"

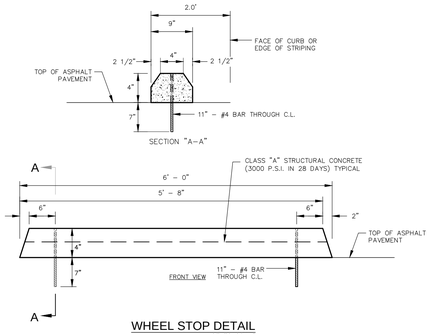


NOTE: CURB TO EXTEND A MINIMUM OF 3" INTO SUBGRADE.

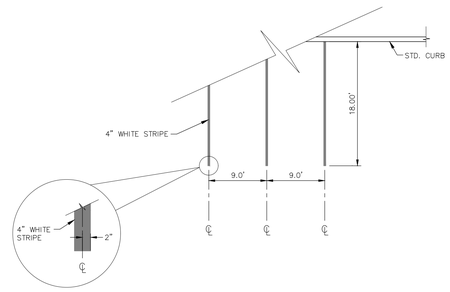
STANDARD 6" CURB AND SIDEWALK
NOT TO SCALE



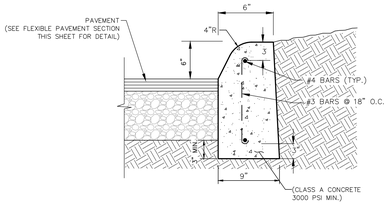
SIDEWALK WITH CURB DETAIL
NOT TO SCALE



WHEEL STOP DETAIL
NOT TO SCALE



PARKING STRIPE DETAIL
NOT TO SCALE

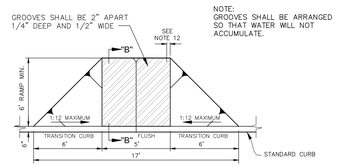


NOTE: CURB TO EXTEND A MINIMUM OF 3" INTO SUBGRADE.

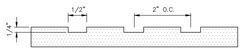
6" STANDARD CURB DETAIL
NOT TO SCALE

HANDICAP RAMP NOTES:

1. TYPICAL SIDEWALK WIDTHS AND CURB RADI ARE SHOWN FOR ILLUSTRATION. REFER TO ADA ACCESSIBILITY REQUIREMENTS FOR SIDEWALK WIDTHS, CURB RADI AND CURB BASIS.
2. CURB RAMPS WITH RETURNED CURB MAY ONLY BE USED WHERE PEDESTRIANS WOULD NOT NORMALLY WALK DIAGONALLY ACROSS THE RAMP
3. CURB RAMP TO COMPLY WITH ALL ADA/TAS CODES.
4. ALL CURB RAMP SURFACES SHALL BE BROOM FINISHED.
5. FULL WIDTH AND DEPTH OF RAMP SHALL HAVE A LIGHT VALUE AND TEXTURE THAT SIGNIFICANTLY CONTRASTS WITH THAT OF ADJOINING PEDESTRIAN ROUTES. TEXTURE AND COLOR CONTRAST SHOULD EXTEND ONLY ACROSS THE SURFACE OF THE RAMP AND NOT EXTEND INTO THE FLARES.
6. PROVIDE STAINED CONCRETE FOR CONTRASTING COLOR ON FLARES
7. PROVIDE STAINED CONCRETE FOR CONTRASTING COLOR AND SEE SECTION "B-B" FOR ACCEPTABLE TEXTURE (VERIFY COLOR WITH OWNER).
8. COORDINATE PAVER COLOR WITH ARCHITECT AND ENGINEER
9. A 4" MAXIMUM BORDER IS ALLOWABLE BETWEEN THE GROOVES AND THE EDGES OF THE CURB RAMP SURFACE.



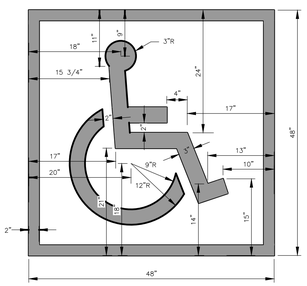
SIDEWALK RAMP DETAIL
NOT TO SCALE



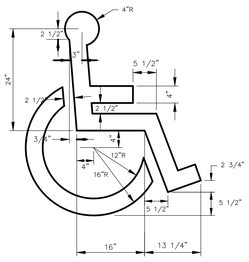
SECTION "B-B"

NOTES:

1. ALL PARKING SPACE LIMIT LINES SHALL BE 4" SOLID WHITE LINES.
2. AISLE MARKINGS SHOWN ARE EXAMPLES ONLY. OTHER METHODS TO INDICATE A NO PARKING AREA ARE ACCEPTABLE. AISLE MARKINGS SHALL BE WHITE.
3. DIMENSIONS OF LIMIT LINES, AISLE MARKINGS, AND SYMBOL (WITH OR WITHOUT BACKGROUND) MAY VARY + 10%.
4. PAVEMENT MARKING SYMBOLS (WITH BACKGROUND):
   A) ARE REQUIRED UNLESS STATED ELSEWHERE IN THE PLANS,
   B) SHOULD BE PLACED TOWARD THE FAR END OF THE PARKING SPACES SO AS TO BE VISIBLE TO MOTORISTS IN THE TRAVEL LANE.
   C) MAY BE PAINTED OR PREFABRICATED MATERIAL, AND
   D) SHALL BE 30"x30" MINIMUM.
5. WITH APPROVAL OF THE CITY TRAFFIC ENGINEER, PREFABRICATED PAVEMENT MARKING SYMBOLS WITH BACKGROUND OF OTHER DIMENSIONS EXCEEDING THE 30"x30" MINIMUM MAY BE USED. ALTERNATIVE DESIGNS SHALL INCLUDE A PROPORTION SIZED SYMBOL OF ACCESSIBILITY, AND SHALL CONFORM TO THE ILLUSTRATED COLORS FOR BACKGROUND, SYMBOL AND BORDER.
6. ALL SLOPE IN AND AROUND EXPECTED WHEEL CHAIR PATH SHALL NOT EXCEED 2% X-SLOPES.



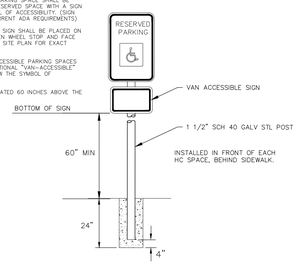
WITH BACKGROUND
SYMBOL & BORDER: WHITE
BACKGROUND: BLUE



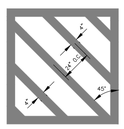
SYMBOL ONLY
SYMBOL: BLUE OR WHITE

SIGNAGE NOTES:

1. EACH ACCESSIBLE PARKING SPACE SHALL BE DESIGNATED AS A RESERVED SPACE WITH A SIGN SHOWING THE SYMBOL OF ACCESSIBILITY. (SIGN SHALL MEET ALL CURRENT ADA REQUIREMENTS)
2. ACCESSIBLE PARKING SIGN SHALL BE PLACED ON PAVEMENT IN BETWEEN WHEEL STOP AND FACE OF CURB. (REFER TO SITE PLAN FOR EXACT LOCATION)
3. DESIGNATED VAN-ACCESSIBLE PARKING SPACES MUST HAVE AN ADDITIONAL "VAN-ACCESSIBLE" SIGN MOUNTED BELOW THE SYMBOL OF ACCESSIBILITY.
4. SIGNS SHALL BE LOCATED 60 INCHES ABOVE THE GROUND.

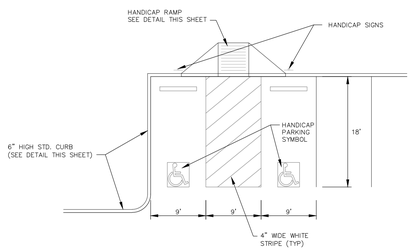


HANDICAP SIGN AND PARKING SYMBOL DETAIL
NOT TO SCALE



STRIPING DETAIL
NOT TO SCALE

NOTE: ALL PAVEMENT MARKINGS AND SIGNAGE OF HANDICAP PARKING AREAS SHALL BE IN ACCORDANCE WITH THE MOST CURRENT ACCESSIBILITY MANUAL.



HANDICAP PARKING AREA DETAIL
NOT TO SCALE

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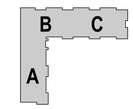
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2046 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

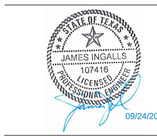
CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN TRUE



CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/10/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker

DRAWN BY: GP

SITE DETAILS

C-4

INK CIVIL
2021 W SH46, STE 105
NEW BRAUNFELS, TX. 78132
PH: 830-358-7127 ink-civil.com
TBPE FIRM F-13351

Plot Stamp:
9/4/2025 4:38:33 PM

GENERAL NOTES:

1. VERIFY SITE INFORMATION, INCLUDING PROPERTY LINES, EASEMENTS, BUILDINGS, ROADWAY CURB AND GUTTERS, UTILITIES AND OTHER INFORMATION AFFECTING THE SCOPE OF WORK INCLUDED ON THESE DRAWINGS. MORE SPECIFIC UTILITY INFORMATION IS INDICATED ON THE CIVIL DRAWINGS.
2. CONTRACTOR SHALL CONTACT THE OWNER AND THE LANDSCAPE ARCHITECT FOR DIRECTION ON HOW TO PROCEED IF ACTUAL SITE CONDITIONS VARY FROM WHAT IS SHOWN ON THE DRAWINGS.
3. EXCAVATION IN THE VICINITY OF UTILITIES SHALL BE UNDERTAKEN WITH CARE. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR THIS WORK. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL SITE UTILITIES PRIOR TO BEGINNING EXCAVATION. ANY DAMAGE TO UTILITIES THAT ARE TO REMAIN CAUSED BY ANY PERSON, VEHICLE, EQUIPMENT, OR TOOL RELATED TO THE EXECUTION OF THE CONTRACT SHALL BE REPAIRED IMMEDIATELY AT NO EXPENSE TO THE OWNER.
4. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING EXISTING IRRIGATION AND LANDSCAPE ON SITE FROM ANY DAMAGE. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IMMEDIATELY OF ANY CONFLICTS
5. BASE INFORMATION INCLUDING THE LOCATION OF PROPERTY LINES, EASEMENTS, BUILDINGS, ROADS AND CURBS HAVE BEEN TAKEN FROM THE CIVIL ENGINEER'S DRAWINGS. FOR ADDITIONAL INFORMATION REFER TO ARCHITECT'S & CIVIL ENGINEERING DRAWINGS.
6. THE CONTRACTOR SHALL NOTIFY LOCAL AUTHORITIES AND THE GENERAL CONTRACTOR FOR LOCATION OF EXISTING UNDERGROUND UTILITIES. POT HOLE AS NECESSARY TO CONFIRM LOCATIONS PRIOR TO EXCAVATION.

DEMOLITION NOTES:

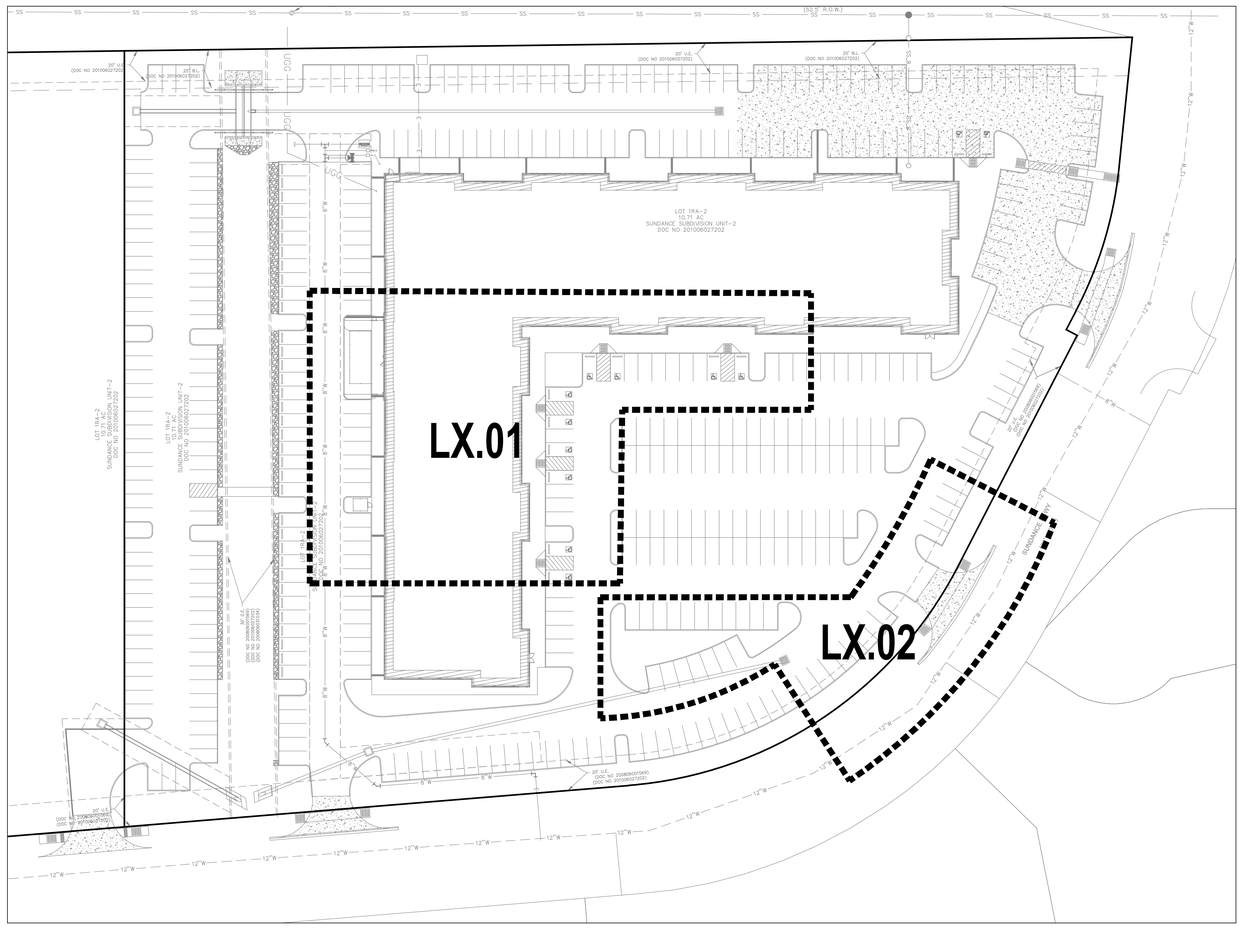
1. CONTRACTOR SHALL DEMOLISH ALL ITEMS NECESSARY TO INSTALL NEW WORK PER PLANS AND SPECIFICATIONS. DEMOLITION WORK SHALL INCLUDE BUT NOT BE LIMITED TO ITEMS INDICATED BY REFERENCED NOTES AND SYMBOLS ON THE DEMOLITION PLANS.
2. CONTRACTOR SHALL VERIFY IN FIELD ALL DIMENSIONS AND ITEMS TO BE REMOVED. PROMPTLY NOTIFY THE LANDSCAPE ARCHITECT IN WRITING OF ANY DISCREPANCIES.
3. REFER TO SPECIFICATIONS SECTION 024119 FOR GENERAL DEMOLITION REQUIREMENTS.
4. INSTALL TEMPORARY BARRIERS TO SEPARATE CONSTRUCTION FROM OCCUPIED AREAS OR AREAS ACCESSIBLE TO PUBLIC OR OWNER EMPLOYEES. BARRIER SHALL BE DUST-TIGHT. COORDINATE DEMOLITION SCHEDULE WITH OWNER. MINIMIZE DISRUPTIONS FROM SOUND OR CONSTRUCTION EQUIPMENT AND PERSONNEL TO OCCUPIED AREAS.
5. FOR ALL EXISTING PLUMBING - IRRIGATION AND DRAINAGE ITEMS REMOVED, DEMOLISH LINES BACK TO GRADE OR WALLS TO REMAIN, ABOVE OR BELOW FLOOR. CAP ALL LINES.
6. **CONTRACTOR SHALL PROVIDE UNIT PRICES BASED ON QUANTITIES/CALCULATIONS SHOWN ON DOCUMENTS. FIELD CONDITIONS MAY REVISE ACTUAL LOCATION, INCREASING OR DECREASING THE EXTENT OF WORK BID. CHANGES TO THE EXTENT OF WORK RESULTING IN AN INCREASE WILL BE BASED ON UNIT PRICES AND PERFORMED SUBJECT TO APPROVAL OF THE LANDSCAPE ARCHITECT AND THE OWNER IN THE FORM OF A CHANGE ORDER**

SITE/LANDSCAPE SLEEVING NOTES:

1. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL OTHER CONSULTANTS AND SUB-CONTRACTOR SLEEVING REQUIREMENTS AND PLACE SUCH SLEEVES PRIOR TO HARDSCAPE/FLATWORK INSTALLATION.

LAYOUT/DIMENSIONAL CONTROL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES.
2. THE CONTRACTOR SHALL LAYOUT AND VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR DIRECTION AND RESOLUTION OF DISCREPANCIES PRIOR TO PROCEEDING.
3. FOR DIMENSIONS OF BUILDING, PARKING STRUCTURE AND OTHER RELATED NON-LANDSCAPE WORK, REFER TO THE ARCHITECTURAL OR CIVIL DRAWINGS.
4. VERIFY LOCATIONS OF ALL SITE IMPROVEMENTS INSTALLED UNDER OTHER SECTIONS. IF ANY PART OF THIS PLAN CANNOT BE FOLLOWED DUE TO SITE CONDITIONS, CONTACT THE LANDSCAPE ARCHITECT FOR INSTRUCTION PRIOR TO COMMENCING WORK.
5. ALL DIMENSIONS ARE TAKEN PERPENDICULAR TO WALL, CURB, P.O.B., OR CENTERLINE UNLESS OTHERWISE NOTED. DIMENSIONS AT CURB ARE FROM BACK OF CURB.
6. COORDINATE POINTS HAVE BEEN COORDINATED WITH CIVIL ENGINEER.
7. EDGES OF IRREGULAR PAVING ARE LOCATED BY COORDINATES AND ARE GENERAL LOCATIONS. CONTRACTOR SHALL STAKE POINTS IN FIELD. STAKED EDGES SHALL BE REVIEWED BY LANDSCAPE ARCHITECT FOR FINAL LAYOUT APPROVAL AND SETTING AND MAY REQUIRE ADJUSTMENTS IN FIELD FOR FINAL PLACEMENT. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
8. CENTERLINES OF PAVING ARE LOCATED BY COORDINATES AND ARE GENERAL LOCATIONS. CONTRACTOR SHALL STAKE POINTS AND ESTABLISH ONE SIDE OF TRAIL WITH TEMPORARILY STAKED STEEL EDGING AT NOTED OFFSET. TEMPORARY STEEL EDGE STAKING SHALL BE REVIEWED BY LANDSCAPE ARCHITECT FOR FINAL LAYOUT APPROVAL AND SETTING AND MAY REQUIRE ADJUSTMENTS IN FIELD FOR FINAL PLACEMENT. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
9. THIS DRAWING INCLUDES THE LOCATION OF VARIOUS DRAIN DEVICES AND SYSTEMS. COORDINATE CONSTRUCTION, DETAILS AND UTILITY CONNECTIONS WITH RELATED ARCHITECTURAL AND ENGINEERING DRAWINGS. CONFIRM LOCATIONS WITH THE LANDSCAPE ARCHITECT PRIOR TO ROUGH IN.
10. FOR HANDICAPPED STANDARDS, VERIFY COMPLIANCE WITH LATEST EDITION OF ADA AND LOCAL AND STATE HANDICAP STANDARDS PRIOR TO CONSTRUCTION. WHERE FIELD MODIFICATIONS ARE REQUIRED FOR COMPLIANCE, CONSTRUCTION CHANGES MAY BE APPLIED INCLUDING DIFFERENT GRADES AND LAYOUT THAN THOSE NOTED HEREIN.
11. SURFACES SHALL BE ADA COMPLIANT ALONG ACCESS AND EGRESS. FLAGSTONE SHALL HAVE NO ADJACENT SURFACE IRREGULARITIES GREATER THAN 1/4" IN ANY PIECE OR BETWEEN ADJACENT PIECES
12. WHERE DIMENSIONS ARE CALLED AS "EQUAL", ALL REFERENCED ITEMS SHALL BE SPACED EQUALLY, MEASURED TO THEIR CENTER LINES OR OTHER NOTED REFERENCES.
13. INSTALL ALL INTERSECTING ELEMENTS AT 90 DEGREES TO EACH OTHER UNLESS OTHERWISE NOTED.



KEY MAP

	CENTER LINE
ALIGN	ALIGN
	EXPANSION JOINT
CJ	CONTROL OR CONSTRUCTION JOINTS
R5'-0"	RADIUS
X LXXX	PLAN ENLARGEMENT REFERENCE
X LXXX	ELEVATION REFERENCE
X LXXX	SECTION REFERENCE
X LXXX	DETAIL REFERENCE
XX	SCHEDULE REFERENCE

ABBREVIATIONS

APPROX	APPROXIMATE
ADJ	ADJACENT
BC	BOTTOM OF CURB
BLDG	BUILDING
BR	BOTTOM OF RAMP
BS	BOTTOM OF STEP
BL	BUILDING LINE
BOC	BACK OF CURB
BW	BOTTOM OF WALL
CJ	CONTROL JOINT
CMU	CONCRETE MASONRY UNIT
COH	CITY OF HOUSTON
CONC	CONCRETE
CONT	CONTINUOUS
CL	CENTERLINE
CLR	CLEAR / CLEARANCE
CRS	COURSE
DIA	DIAMETER
DWG	DRAWINGS
GALV	GALVANIZED
EJ	EXPANSION JOINT
ELEV	ELEVATION
EP	EDGE OF PAVEMENT
EQ	EQUAL
ESMT	EASEMENT
EXIST	EXISTING
FF	FINISHED FLOOR
FL	FLOWLINE
FTG	FOOTING
FG	FINISHED GRADE
FOC	FACE OF CURB
FIN	FINISH
G	GUTTER
HT	HEIGHT
HP	HIGH POINT
INT	INTERIOR
LA	LANDSCAPE ARCHITECT
LF	LINEAR FEET
LP	LOW POINT
LOW	LIMIT OF WORK
MAX	MAXIMUM
MIN	MINIMUM
NIC	NOT IN CONTRACT
OC	ON CENTER
OPP	OPPOSITE
PA	PLANTING AREA
PERP	PERPENDICULAR
PL	PROPERTY LINE
POB	POINT OF BEGINNING
PROP	PROPOSED
PVMT	PAVEMENT
PT	POINT
R	RADIUS
RE	REFER TO
REF	REFERENCE
REINF	REINFORCED
REQ	REQUIRED
ROW	RIGHT OF WAY
SCH	SCHEDULE
SSEJ	SUB-SURFACE EXPANSION JOINT
SEC	SECTION
SF	SQUARE FEET
SHT	SHEET
SIM	SIMILAR
SQ	SQUARE
SQFT	SQUARE FEET
STL	STEEL
SS	STAINLESS STEEL
SWE	STATIC WATER ELEVATION
TAN	TANGENT
TC	TOP OF CURB
TF	TOP OF FRAME
THK	THICK / THICKNESS
TOB	TOP OF BANK
TOS	TOE OF SLOPE
TP	TOP OF PAVEMENT
TR	TOP OF RAMP
TS	TOP OF STEP
TW	TOP OF WALL
TY	TYPE
TYP	TYPICAL
UTL	UTILITY
WL	WATER LEVEL

Sheet List Table

Sheet Number	Sheet Title
L0.00	KEY MAP AND INDEX
L0.01	TREE PROTECTION
L0.02	TREE PROTECTION DETAILS
L1.01	ALTERNATE GRADING AND DRAINAGE PLAN
L2.00	MATERIALS NOTES AND SCHEDULE
L2.01	ENTRANCE MATERIALS PLAN
L2.02	MATERIALS PLAN
L2.03	ALTERNATE ENTRANCE MATERIALS PLAN
L3.01	HARDSCAPE DETAILS
L4.00	PLANTING NOTES AND SCHEDULE
L4.01	ENTRANCE PLANTING PLAN
L4.02	PLANTING PLAN
L4.03	ALTERNATE ENTRANCE PLANTING PLAN
L4.04	PLANTING DETAILS

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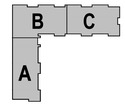
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2048 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN NORTH: PLAN



09/24/2025

CLIENT	ALAMO COLLEGES DISTRICT
DATE	09/24/2025
PROJECT NUMBER	250033

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No.	Description	Date

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KEY MAP AND INDEX

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GENERAL TREE PROTECTION NOTES:

1. ALL TREES INDICATED ON THE TREE PRESERVATION PLANS TO BE PROTECTED SHALL BE PROTECTED WITH TEMPORARY FENCING THROUGHOUT CONSTRUCTION.
2. TREE PROTECTION FENCES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY DEMOLITION AND/OR SITE PREPARATION WORK (CLEARING, GRUBBING OR GRADING).
3. FENCES SHALL COMPLETELY SURROUND THE TREE OR CLUSTERS OF TREES; FENCES SHALL BE LOCATED AT THE OUTERMOST LIMITS OF THE TREE BRANCHES (DRIP LINE); AND SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PROJECT. FENCES MAY BE MOVED OR REMOVED TO ENABLE THE PROGRESS OF CONSTRUCTION ONLY AS APPROVED BY THE LANDSCAPE ARCHITECT.
4. WHERE EXCEPTIONS RESULT IN A FENCE BEING CLOSER THAN 4 FEET TO A TRUNK, PROTECT THE TRUNK WITH STRAPPED-ON PLANKING TO A HEIGHT OF 8' (OR TO THE LIMITS OF THE LOWER BRANCHING) AS INDICATED ON TREE PRESERVATION PLANS.
5. COVER THE ROOT ZONE AREA WITH 4" OF HARDWOOD MULCH, UNDER DIRECTION OF THE LANDSCAPE ARCHITECT, WHERE ROOT ZONES WITHIN DRIP LINES ARE UNPROTECTED BY FENCING.
6. ALL GRADING AND EXCAVATION WITHIN TREE ROOT ZONE AREAS SHALL BE DONE BY HAND TO MINIMIZE ROOT DAMAGE AND SOIL COMPACTION. PRIOR TO GRADING, RELOCATE PROTECTIVE FENCING TO 2' BEHIND THE GRADE CHANGE AREA. GRADE SHALL REMAIN UNCHANGED WHERE POSSIBLE.
7. NO LANDSCAPE TOPSOIL DRESSING GREATER THAN A 3" LAYER SHALL BE PERMITTED WITHIN THE DRIP LINE OF TREES. NO SOIL OR MULCH IS PERMITTED ON THE ROOT FLARE OF ANY TREE.
8. EQUIPMENT MUST NOT TOUCH UNDERSIDE OF TREE CROWNS.
9. ANY TRENCHING REQUIRED FOR THE INSTALLATION OF UTILITIES, LIGHTING, CONDUIT, OR LANDSCAPE IRRIGATION SHALL BE PLACED OUTSIDE ROOT ZONE AREAS. ROOTS SHALL NOT BE SEVERED AS A RESULT OF THE EXCAVATION. ROOTS SHALL REMAIN IN PLACE, BRIDGING TRENCHES. CONDUIT PIPES, ETC., SHALL BE PLACED BETWEEN ROOTS, WHILE EXPOSED ROOTS SHALL BE WRAPPED WITH BURLAP AND BE KEPT MOIST. AFTER BACKFILLING WITH SPECIFIED BEDDING, FILL REMAINING EXCAVATION WITH SOIL EXCAVATED FROM THE TRENCH. ANY EXCESS SOIL MAY BE DISPOSED OF ON SITE AS APPROVED BY THE LANDSCAPE ARCHITECT IN THE PROCESS OF EXCAVATION, AVOID STOCKPILING MATERIAL WITHIN THE DRIP LINE OF EXISTING TREES. IF UNAVOIDABLE, STOCKPILED MATERIAL SHALL BE PLACED ON PLYWOOD BOARD BASE SET ON TOP OF EXISTING GRADE. PLYWOOD BOARD BASE SHALL NOT REMAIN IN PLACE LONGER THAN (7) SEVEN DAYS.
10. ANY ROOT SEVERED BY CONSTRUCTION ACTIVITY SHALL BE PRUNED FLUSH WITH THE SOIL. BACKFILL ROOT AREAS WITH SPECIFIED TOP SOIL AS SOON AS POSSIBLE. IF EXPOSED ROOT AREAS ARE NOT BACKFILLED WITHIN 2 DAYS, COVER THEM WITH SPECIFIED ORGANIC MATERIAL.
11. PRIOR TO EXCAVATION OR GRADE CUTTING WITHIN TREE DRIP-LINES, ROOT PRUNE BY MAKING A CLEAN CUT BETWEEN THE DISTURBED AND UNDISTURBED ROOT ZONES WITH A ROCK SAW, IRRIGATION TRENCHER OR SIMILAR EQUIPMENT TO MINIMIZE DAMAGE TO REMAINING ROOTS.
12. TREES HEAVILY IMPACTED BY CONSTRUCTION ACTIVITIES SHALL BE WATERED THOROUGHLY ONCE A WEEK DURING PERIODS OF HOT, DRY WEATHER AS DIRECTED BY THE LANDSCAPE ARCHITECT. TREE CROWNS SHALL BE SPRAYED WITH WATER PERIODICALLY TO REDUCE DUST ACCUMULATION ON THE LEAVES.
13. HEAVY CONSTRUCTION EQUIPMENT SHALL NOT OPERATE WITHIN 3' OF ANY STRUCTURES OR 5' OF ANY TREES TO REMAIN
14. PRUNING TO PROVIDE CLEARANCE FOR STRUCTURES, VEHICULAR TRAFFIC, AND EQUIPMENT SHALL TAKE PLACE BEFORE CONSTRUCTION BEGINS BY A RECOGNIZED ARBORIST.
15. ALL FINISHED PRUNING MUST BE DONE ACCORDING TO RECOGNIZED, APPROVED STANDARDS OF THE INDUSTRY (REFERENCE THE NATIONAL ARBORIST ASSOCIATION PRUNING STANDARDS FOR SHADE TREES).
16. COVER SEVERED ROOTS AND TREE SIDE OF TRENCH WITH 8 MIL BLACK VISQUENE TO FULL DEPTH OF TRENCH AND 6" OVER TOP. STAPLE VISQUENE IN PLACE, BACKFILL AND COMPACT TRENCH WITH EXCAVATED SOIL, TO PROTECT ROOT ENDS FROM CONCRETE AND LIME.
17. CORE AERATE AND DEEP ROOT FERTILIZE TREES BY PROBE AND WATER INJECTION OF DAVEY ARBOR GREEN FERTILIZER, OR APPROVED EQUAL. REFER TO MANUFACTURER'S MAXIMUM RECOMMENDED RATES PER TREE CALIPER INCHES. INJECT 18"-24" DEEP 5'-0" O.C. THROUGHOUT DRIP-LINE OF TREE.
18. CONTRACTOR SHALL MODIFY EXHAUST PIPES ON CONSTRUCTION EQUIPMENT AS NEEDED TO INSURE THAT TREE CROWNS ARE NOT DAMAGED FROM EXHAUST HEAT FROM VERTICAL EXHAUST PIPES ON TOP OF CONSTRUCTION EQUIPMENT.
19. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL TREE WORK/REPAIR TO ANY DAMAGE TO EXISTING TREES DURING THE CONTRACT PERIOD. DAMAGE TO ANY EXISTING TREES SHALL BE REPORTED IMMEDIATELY TO THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL SUBMIT TO OWNER'S REPRESENTATIVE A WRITTEN PROGRAM OF CORRECTIVE PRUNING AND TREE CARE TO REPAIR DAMAGE WITH THE NAME OF A QUALIFIED URBAN FORESTER OR ARBORIST FOR OWNER'S APPROVAL.
20. PLANS ARE DIAGRAMMATIC. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF REQUIRED TREE FENCING LIMITS.
21. ALL EXISTING TREES, IN DESIGNATED PROTECTED AREAS, MUST BE PRUNED TO AVOID DAMAGE BY EQUIPMENT DURING CONSTRUCTION OPERATIONS (REF. SPECIFICATIONS)
22. ALL EXISTING UTILITY MANHOLE COVERS AND GRATES TO BE ADJUSTED TO MATCH PROPOSED FINISHED GRADE ELEVATIONS; REF. CIVIL DRAWINGS.
23. THESE NOTES ARE SUPPLEMENTARY TO SPECIFICATION SECTION 015639.

TREE REMOVAL NOTES:

1. ALL TREES TO BE REMOVED SHALL BE MARKED PER TECHNICAL SPECIFICATIONS AND REMOVED UPON REVIEW AND APPROVAL BY OWNER AND LANDSCAPE ARCHITECT. ALL TREES REMOVED WITHOUT APPROVAL FROM LANDSCAPE ARCHITECT OR DAMAGED BY CONSTRUCTION ACTIVITY WILL BE REPLACED INCH FOR INCH.
2. ALL TREES 6" CALIPER AND UNDER IN AREAS NOT MARKED FOR REMOVAL SHALL REMAIN UNLESS OTHERWISE NOTED. ALL TREES 6" CALIPER AND LESS IN NOTED CLEARING AREAS SHALL BE REMOVED UNDER DIRECTION OF OWNER AND LANDSCAPE ARCHITECT.
3. ALL TREES REMOVED SHALL BE MULCHED ON SITE INCLUDING ALL LIMB/BRACH DEBRIS, TRUNK AND ROOT BALL SYSTEMS. MULCH GRIND SHALL BE STORED ON SITE UNLESS OTHERWISE NOTED. REFER TO SPECIFICATIONS FOR REMOVAL AND STORAGE INFORMATION.

EXISTING TREE MAINTENANCE NOTES:

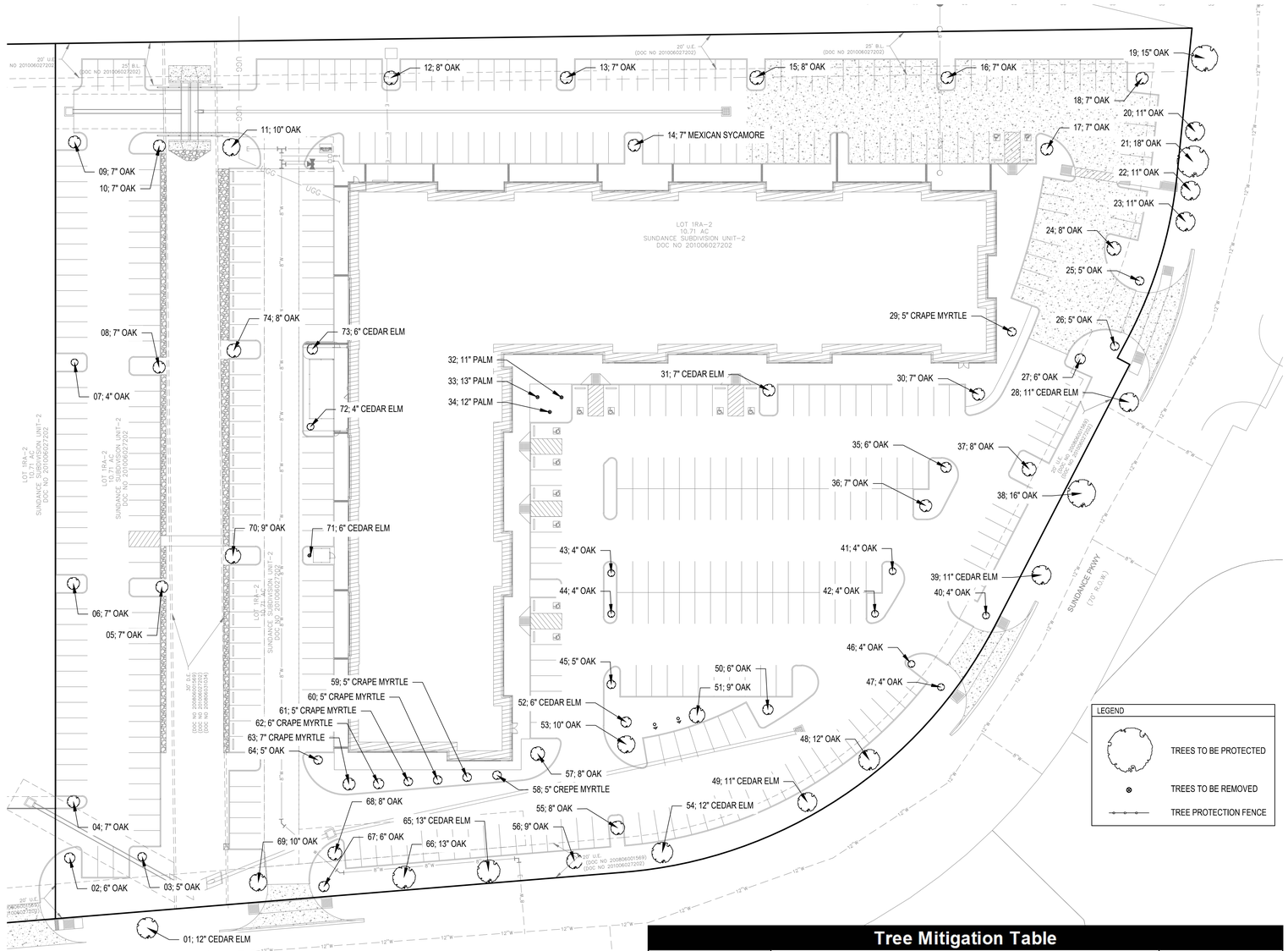
1. TREE MAINTENANCE SHALL OCCUR AS NOTED FOR ALL EXISTING TREES AS REQUIRED PER TECHNICAL SPECIFICATIONS ISSUED. SUCH OPERATIONS MAY INCLUDE TRIMMING, PRUNING, FERTILIZING, WATERING, ROOT PRUNING AND/OR FOLIAGE WASHING AS REQUIRED BY SITE ARBORIST OR LANDSCAPE ARCHITECT.
2. TREE MAINTENANCE OPERATIONS SHALL BE DEEMED HIGH PRIORITY AND SHALL OCCUR WHEN SUCH NOTED OPERATIONS ARE NOTED TO OCCUR AND SHALL OCCUR AS NOTED BY ARBORIST.

TREE PRUNING:

1. PRUNE EXISTING TREES AS NECESSARY TO ALLOW ADEQUATE CLEARANCE FOR CONSTRUCTION ACTIVITIES TO PREVENT DAMAGE TO LIMNS.
2. ALL WORK TO BE CONDUCTED BY A CERTIFIED ARBORIST.
3. OAK TREES SHALL NOT BE PRUNED BETWEEN FEB. 1ST & JUNE 1ST.
4. PAINT ALL CUTS WITH PRUNING SEALER WITHIN 20 MINUTES.
5. PRUNE & SHAPE TREES TO ESTABLISH MIN. CLEAR DISTANCE OF 3'-0" FROM ANY PART OF NEW BUILDING. PRUNE UNIFORMLY AROUND TREE TO MAINTAIN A BALANCED SHAPE.
6. PROVIDE 7FT. CLEAR HEIGHT ABOVE LANDSCAPE AREAS AND 10FT. CLEAR HEIGHT ABOVE DRIVES
7. TREE PRUNING IS THE RESPONSIBILITY OF THE CONTRACTOR

TREE PRESERVATION TABLE

Tag No.	Dia.	Species	Preserve	Remove	Circ.	Comments
1	12"	CEDAR ELM	X			
2	6"	OAK	X			
3	5"	OAK	X			
4	7"	OAK	X			
5	7"	OAK	X			
6	7"	OAK	X			
7	4"	OAK	X			
8	7"	OAK	X			
9	7"	OAK	X			
10	7"	OAK	X			
11	10"	OAK	X			
12	8"	OAK	X			
13	7"	OAK	X			
14	7"	MEXICAN SYCAMORE	X			
15	8"	OAK	X			
16	7"	OAK	X			
17	7"	OAK	X			
18	7"	OAK	X			
19	15"	OAK	X			
20	11"	OAK	X			
21	18"	OAK	X			
22	11"	OAK	X			
23	11"	OAK	X			
24	8"	OAK	X			
25	5"	OAK	X			
26	5"	OAK	X			
27	6"	OAK	X			
28	11"	CEDAR ELM	X			
29	5"	CRAPE MYRTLE	X			
30	7"	OAK	X			
31	7"	CEDAR ELM	X			
32	11"	PALM		X	35	
33	13"	PALM		X	41	
34	12"	PALM		X	38	
35	6"	OAK	X			
36	7"	OAK	X			
37	8"	OAK	X			
38	16"	OAK	X			
39	11"	CEDAR ELM	X			
40	4"	OAK	X			
41	4"	OAK	X			POOR
42	4"	OAK	X			
43	4"	OAK	X			
44	4"	OAK	X			
45	5"	OAK	X			
46	4"	OAK	X			
47	4"	OAK	X			
48	12"	OAK	X			
49	11"	CEDAR ELM	X			
50	6"	OAK	X			
51	9"	OAK	X			
52	6"	CEDAR ELM	X			
53	10"	OAK	X			
54	12"	CEDAR ELM	X			
55	8"	OAK	X			
56	9"	OAK	X			
57	8"	OAK	X			
58	5"	CRAPE MYRTLE	X			
59	5"	CRAPE MYRTLE	X			
60	5"	CRAPE MYRTLE	X			
61	5"	CRAPE MYRTLE	X			
62	6"	CRAPE MYRTLE	X			
63	7"	CRAPE MYRTLE	X			
64	5"	CRAPE MYRTLE	X			
65	13"	CEDAR ELM	X			
66	13"	OAK	X			
67	6"	OAK	X			
68	8"	OAK	X			
69	10"	OAK	X			
70	9"	OAK	X			
71	6"	CEDAR ELM		X		
72	4"	CEDAR ELM	X			
73	6"	CEDAR ELM	X			
74	8"	OAK	X			



01 PLAN-TREE PROTECTION
1" = 30'

Tree Mitigation Table

Tree Mitigation	Total Inches Removed	114
	Total Inches Needing Mitigation (total circumference inches/2)	57
Fee in Lieu	Total Mitigation Inches x $175	$9,975
** $9,975 to be paid into the tree fund for the mitigation of the trees removed on site **		

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

KEY PLAN NORTH: PLAN

REGISTERED LANDSCAPE ARCHITECT JACOB T. GALLIMORE 2674 STATE OF TEXAS

09/24/2025

CLIENT: ALAMO COLLEGES DISTRICT
DATE: 09/24/2025
PROJECT NUMBER: 250033

DRAWING HISTORY

No.	Description	Date

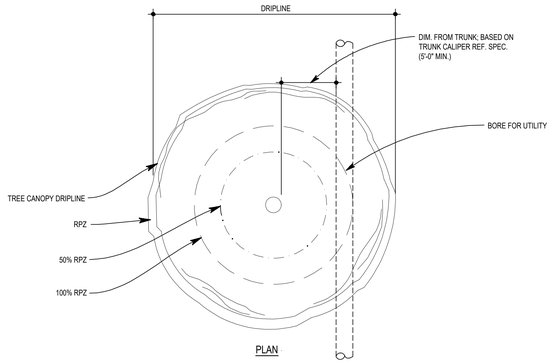
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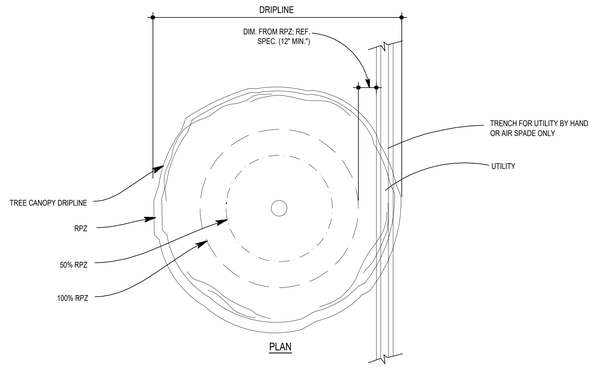
TREE PROTECTION

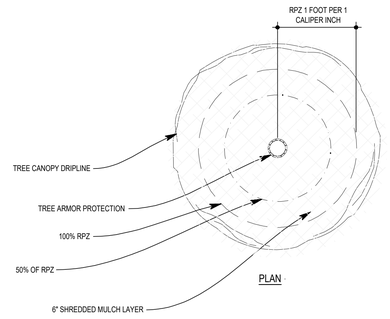
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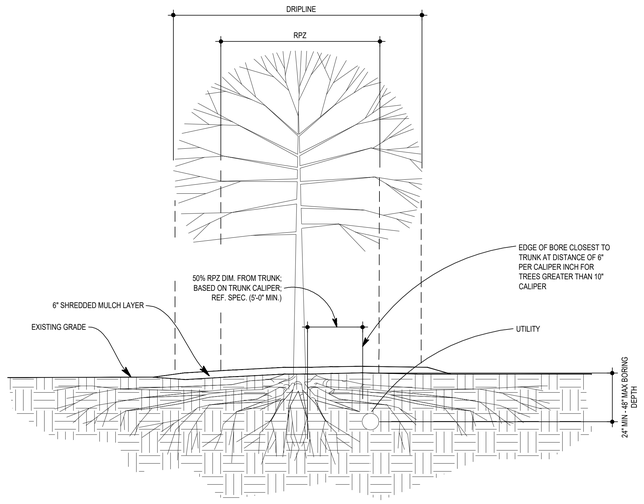
NOTES:
1. THIS DETAIL ONLY APPLIES TO INSTANCES WHERE THE BARRICADE FENCING DOES NOT ALLOW SUFFICIENT SPACE FOR CONSTRUCTION OR MANEUVERING.

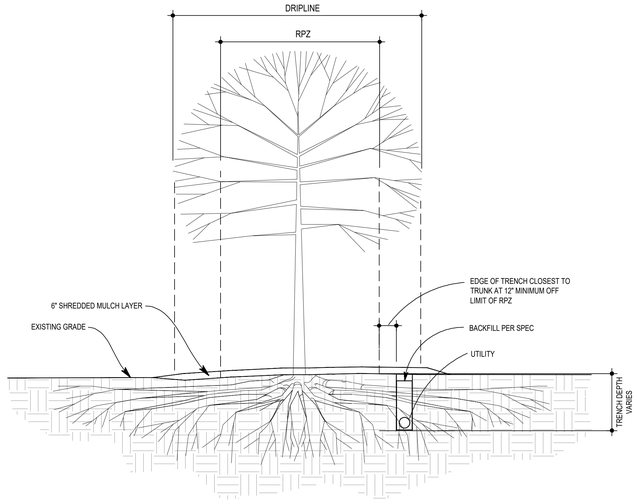
2. INSTALL AND SUPPLEMENT 6" SHREDDED MULCH LAYER BENEATH THE DRIP LINE OF THE TREE THROUGHOUT COURSE OF CONSTRUCTION. 6" DEPTH REQUIRED IN CRITICAL ROOT ZONE AREA, SEE SPEC.

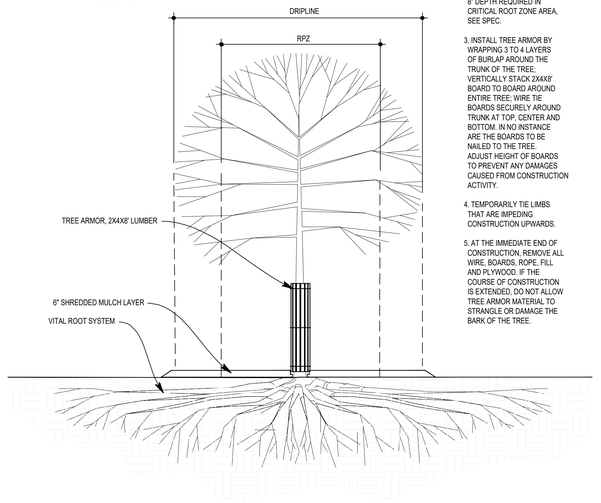
3. INSTALL TREE ARMOR BY WRAPPING 3 TO 4 LAYERS OF BURLAP AROUND THE TRUNK OF THE TREE; VERTICALLY STACK 2X4X8' BOARD TO BOARD AROUND ENTIRE TREE; WIRE TIE BOARDS SECURELY AROUND TRUNK AT TOP, CENTER AND BOTTOM. IN NO INSTANCE ARE THE BOARDS TO BE NAILED TO THE TREE. ADJUST HEIGHT OF BOARDS TO PREVENT ANY DAMAGES CAUSED FROM CONSTRUCTION ACTIVITY.

4. TEMPORARILY TIE LIMBS THAT ARE IMPEDING CONSTRUCTION UPWARDS.

5. AT THE IMMEDIATE END OF CONSTRUCTION, REMOVE ALL WIRE, BOARDS, ROPE, FILL AND PLYWOOD. IF THE COURSE OF CONSTRUCTION IS EXTENDED, DO NOT ALLOW TREE ARMOR MATERIAL TO STRANGLE OR DAMAGE THE BARK OF THE TREE.



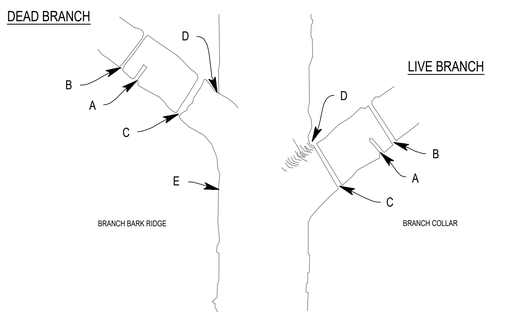




06 BORING WITH RPZ
3/4"=1'-0"

04 TRENCHING ADJACENT RPZ
3/4"=1'-0"

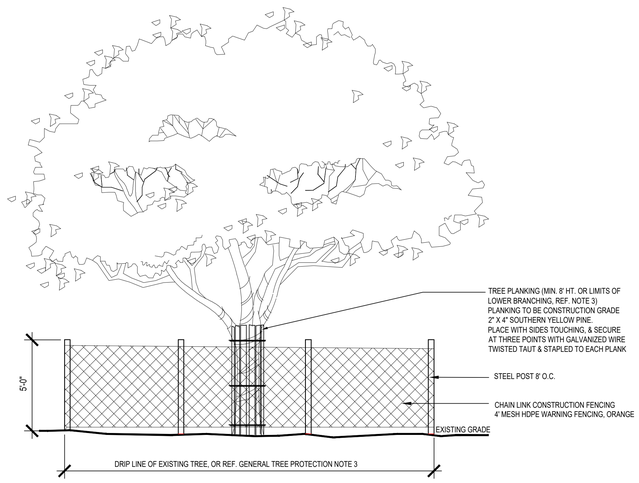
02 TREE ARMOR
3/4"=1'-0"

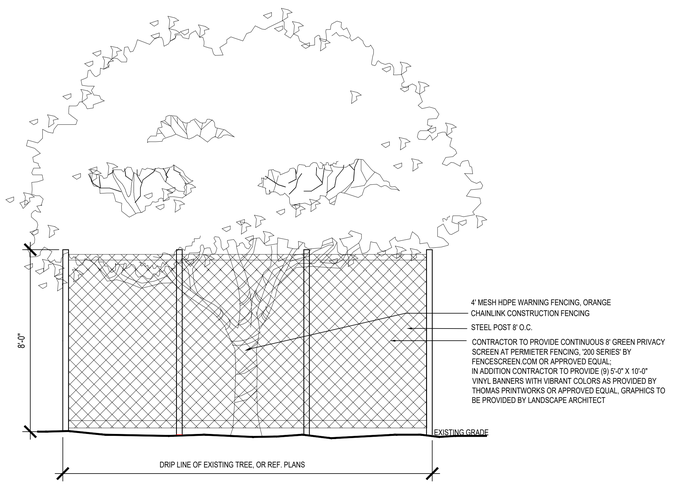


A. FIRST CUT - TO PREVENT THE BARK FROM BEING PEELED WHEN THE BRANCH FALLS.
B. SECOND CUT - TO REDUCE THE WEIGHT OF BRANCH.
C. FINAL CUT - TO ALLOW FOR HEALING COLLAR BUT NO STUBS.
D. BRANCH RIDGES - PROPERLY INDENT BRANCH RIDGES WHICH ARE SITE FOR DECAY.
E. MAIN TRUNK OF TREE

NOTES:

1. PROPER PRUNING FOR BRANCHES 1-1/2" OR GREATER IN DIAMETER
2. DO NOT CUT FROM D TO E.
3. FOR OAKS ONLY: PAINT ALL WOUNDS AND CUTS IMMEDIATELY TO PREVENT THE SPREAD OF OAK WILT.
4. REFER TO SPECIFICATIONS, SECTION 015639 AND 311330 FOR MORE DETAILED REQUIREMENTS.
5. INSPECTION: CONTRACTOR, ARBORIST, OWNER, AND LANDSCAPE ARCHITECT SHALL REVIEW PRUNING WORK TO BE COMPLETED PRIOR TO INITIATING WORK.
6. EMPLOY QUALIFIED CERTIFIED ARBORIST; REFER TO SPECIFICATIONS.





05 TREE PRUNING DETAIL
1"=1'-0"

03 TREE PROTECTION FENCE
1"=1'-0"

01 PERIMETER CONSTRUCTION FENCE
1"=1'-0"

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C
A

KEY PLAN
NORTH: PLAN

REGISTERED LANDSCAPE ARCHITECT
JACOB T. GALLIMORE
6072
STATE OF TEXAS
09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

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DRAWN BY: NCM

TREE PROTECTION DETAILS

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DEMOLITION NOTES:

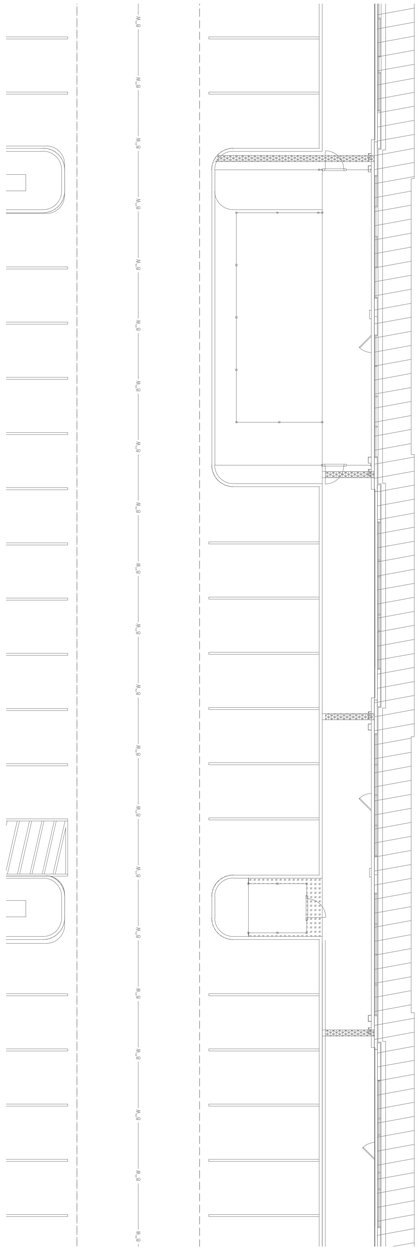
1. CONTRACTOR SHALL DEMOLISH ALL ITEMS NECESSARY TO INSTALL NEW WORK PER PLANS AND SPECIFICATIONS. DEMOLITION WORK SHALL INCLUDE BUT NOT BE LIMITED TO ITEMS INDICATED BY REFERENCED NOTES AND SYMBOLS ON THE DEMOLITION PLANS.
2. CONTRACTOR SHALL VERIFY IN FIELD ALL DIMENSIONS AND ITEMS TO BE REMOVED. PROMPTLY NOTIFY THE LANDSCAPE ARCHITECT IN WRITING OF ANY DISCREPANCIES.
3. REFER TO SPECIFICATIONS SECTION 024119 FOR GENERAL DEMOLITION REQUIREMENTS.
4. INSTALL TEMPORARY BARRIERS TO SEPARATE CONSTRUCTION FROM OCCUPIED AREAS OR AREAS ACCESSIBLE TO PUBLIC OR OWNER EMPLOYEES. BARRIER SHALL BE DUST-TIGHT. COORDINATE DEMOLITION SCHEDULE WITH OWNER. MINIMIZE DISRUPTIONS FROM SOUND OR CONSTRUCTION EQUIPMENT AND PERSONNEL TO OCCUPIED AREAS.
5. FOR ALL EXISTING PLUMBING - IRRIGATION AND DRAINAGE ITEMS REMOVED, DEMOLISH LINES BACK TO GRADE OR WALLS TO REMAIN, ABOVE OR BELOW FLOOR. CAP ALL LINES.
6. **CONTRACTOR SHALL PROVIDE UNIT PRICES BASED ON QUANTITIES/CALCULATIONS SHOWN ON DOCUMENTS. FIELD CONDITIONS MAY REVISE ACTUAL LOCATION, INCREASING OR DECREASING THE EXTENT OF WORK BID. CHANGES TO THE EXTENT OF WORK RESULTING IN AN INCREASE WILL BE BASED ON UNIT PRICES AND PERFORMED SUBJECT TO APPROVAL OF THE LANDSCAPE ARCHITECT AND THE OWNER IN THE FORM OF A CHANGE ORDER**

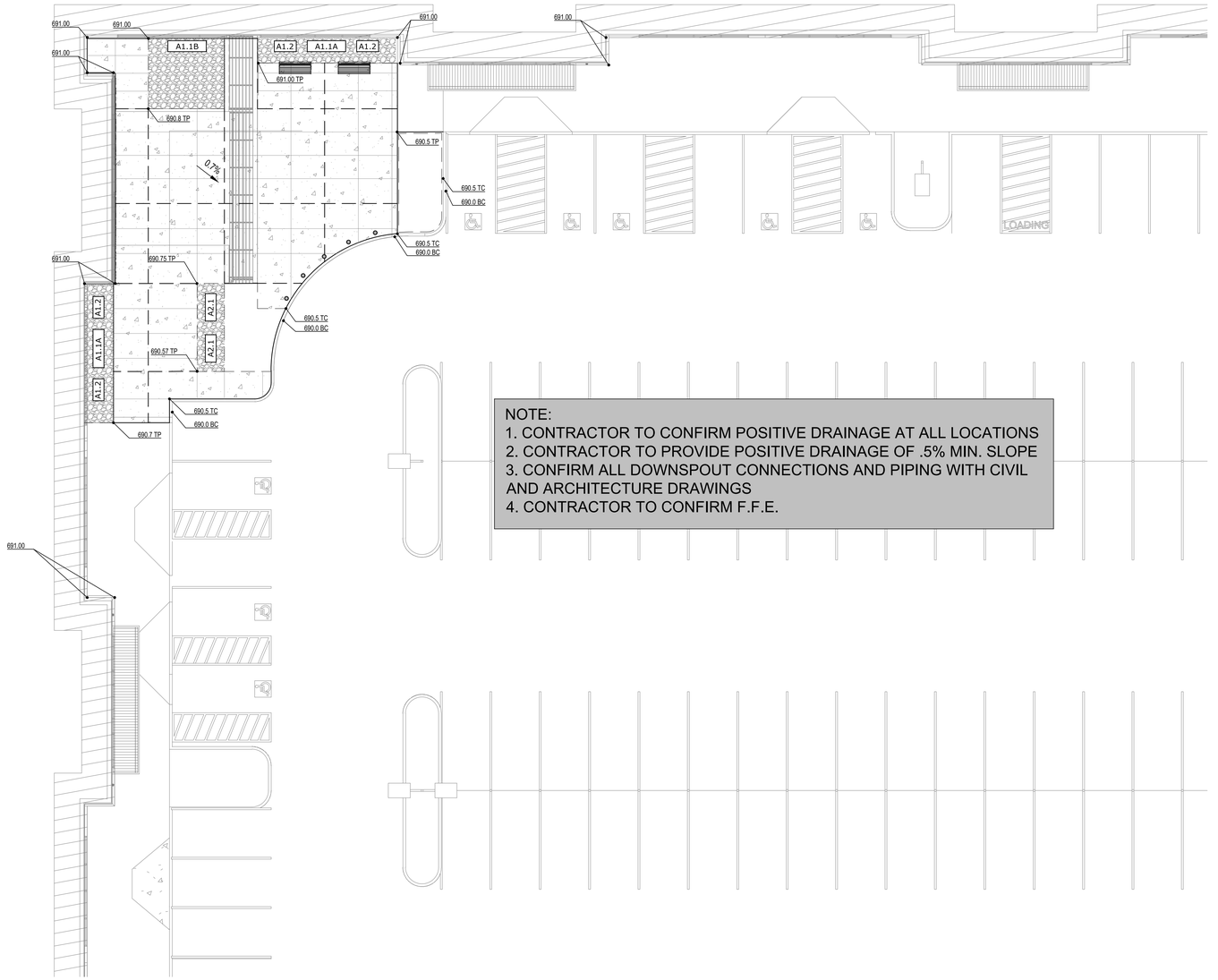
GRADING AND EXCAVATION NOTES:

1. ALL EARTHWORK SHALL HAVE MAXIMUM 3:1 SLOPES UNLESS OTHERWISE NOTED.
2. ANY EXISTING AND/OR ON-SITE CONDITIONS WHICH VARY FROM THOSE SHOWN ON DRAWINGS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
3. ALL GRADING SHALL PROVIDE FOR NATURAL RUNOFF OF WATER WITHOUT LOW SPOTS OR POCKETS. FLOW LINES SHALL BE ACCURATELY SET AND SHALL NOT BE LESS THAN 0.5% GRADIENT UNLESS OTHERWISE NOTED. CONTRACTOR SHALL BE RESPONSIBLE FOR POSITIVE DRAINAGE IN ALL AREAS.
4. REFER TO THE GENERAL CONDITIONS AND THE TECHNICAL SPECIFICATIONS SECTIONS FOR THE PLACEMENT, COMPACTION, GRADING AND TESTING OF ALL FILL MATERIAL.
5. REFER TO CIVIL DOCUMENTS FOR ALL SITE EROSION CONTROL.
6. ROUGH OR MASS GRADING SHALL BE AS SHOWN ON THE CIVIL ENGINEERS DRAWINGS, REFERENCE THESE DRAWINGS FOR FINISH GRADING.
7. THE DEBRIS CREATED BY GRADING AND EXCAVATION OPERATIONS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LEGALLY DISPOSED OF AWAY FROM THE JOB SITE.
8. CONTRACTORS SHALL TAKE CARE IN MINIMIZING THE DISTURBANCE TO THE EXISTING TREE TRUNKS AND ROOT SYSTEMS. ALL FINISH GRADING UNDER THE EXISTING TREES SHALL BE COMPLETED BY USING HAND TOOLS. NO LARGE EQUIPMENT OR ANY EQUIPMENT WITH TRACKS SHALL BE ALLOWED TO WORK OR DRIVE UNDER THE DRIP LINE OF THE EXISTING TREES, EXCEPT FOR THOSE AREAS WHERE PAVING IS TO BE PLACED.
9. HAND EXCAVATE AND HAND COMPACT AREAS UNDER DRIP LINES OF EXISTING TREES.
10. ALL EXCAVATION WITHIN THE DRIP LINES OF EXISTING TREES SHALL BE RADIAL TO THE TRUNK.
11. FOR EXISTING UNDERGROUND UTILITIES REFER TO CIVIL ENGINEER'S PLAN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE ACTUAL LOCATION AND ELEVATION IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION OF THE NEW AMENITIES. THE CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION.
12. REFER TO CIVIL AND PLUMBING ENGINEER'S DRAWINGS FOR CONNECTIONS TO DRAINS AND CONTINUATION TO DISCHARGE PIPING.
13. EXISTING UTILITY STRUCTURES AND LIDS ARE TO BE ADJUSTED TO MATCH PROPOSED FINISHED GRADE (UNLESS OTHERWISE NOTED).
14. ALL PLANTER DRAIN RIM INVERT ELEVATIONS SHALL BE 3" MIN. BELOW TOP OF ADJACENT PAVEMENT ELEVATIONS. ALL FLOW LINE ELEVATIONS SHALL BE SET @ MIN. 12" BELOW DRAIN ELEV. @ HIGH END. REF. DRAWINGS FOR INVERTS.
15. ALL LAWN DRAIN RIM INVERT ELEVATIONS SHALL BE 2" MIN. BELOW TOP OF ADJACENT PAVEMENT ELEVATION. ALL FLOW LINE ELEVATIONS SHALL BE SET @ MIN. 12" BELOW DRAIN ELEV. @ HIGH END. REF. DRAWINGS FRO INVERTS.
16. AFTER PLACEMENT AND ADJUSTMENT OF DRAIN BODIES TO PROPOSED FINISH GRADES, CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT TO COORDINATE AND APPROVE FINAL GRADES IN ALL AREAS.
17. GRADING ON TRAILS TO BE CONSISTENT AND TO TRANSITION WITH EXISTING GRADES. TRAIL SECTION SHALL BE CROWNED IN FLAT AREAS AND SLOPED AT 2% TO THE DOWNHILL SIDE.
18. THE CONTRACTOR SHALL REQUEST A REVIEW FOR INSPECTION OF FINAL IN PLACE GRADING A MINIMUM OF 48 HOURS IN ADVANCE OF PERFORMING ANY WORK UNLESS OTHERWISE NOTED ON THIS SHEET. FINAL GRADING SHALL BE APPROVED BY THE LANDSCAPE ARCHITECT IN THE FIELD AND PRIOR TO SURFACE CONSTRUCTION AND PLANTING.
19. ALL SLOPES SHALL BE SMOOTH AND UNIFORM. LEVEL AND GENTLY CROWN TOP OF SLOPES. BLEND TOE OF SLOPES INTO EXISTING GRADES

GRADING LEGEND

- SLOPE ON PAVEMENT
- SLOPE IN PLANTING





NOTE:
1. CONTRACTOR TO CONFIRM POSITIVE DRAINAGE AT ALL LOCATIONS
2. CONTRACTOR TO PROVIDE POSITIVE DRAINAGE OF .5% MIN. SLOPE
3. CONFIRM ALL DOWNSPOUT CONNECTIONS AND PIPING WITH CIVIL AND ARCHITECTURE DRAWINGS
4. CONTRACTOR TO CONFIRM F.F.E.

0 5' 10'
1" = 10'

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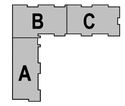
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN

REGISTERED LANDSCAPE ARCHITECT
JACOB T. GALLIA
3072
STATE OF TEXAS

09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

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ALTERNATE GRADING AND DRAINAGE PLAN

L1.01

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CONCRETE CONSTRUCTION NOTES:

1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS OF ALL MASONRY CONSTRUCTION, CONCRETE FOOTINGS, BEAMS AND STRUCTURAL SUPPORTS, ETC., PRIOR TO STARTING WORK. CONTRACTOR SHALL PROVIDE FULL ONE YEAR WARRANTY. ALL DETAILS SHOWN ARE FOR DESIGN INTENT. CONTRACTOR IS RESPONSIBLE FOR OVERALL STRUCTURAL INTEGRITY OF COMPONENTS, AND SHALL MAKE REVISIONS TO DESIGNS HE DEEMS NECESSARY FOR THE WARRANTY PROVISIONS. REVISIONS SHALL BE SUBMITTED TO THE LANDSCAPE ARCHITECT AND THE OWNER FOR APPROVAL
2. ALL POURED CONCRETE OR CONCRETE MASONRY UNIT DIRECTLY CONTACTING SOIL SHALL BE COATED WITH AN ASPHALTIC WATER PROOF MEMBRANE SEALER, "GULF STATES" OR EQUAL. PRIME WITH GULF STATES #207 MIN. 8 MM THICK. TROWEL APPLY $\frac{1}{16}$" LAYER OF GULF STATES #210 ASPHALTIC MEMBRANE SEALER
3. ALL WORK SHALL BE GUARANTEED BY THE CONTRACTOR AGAINST MATERIAL DEFECTS AND WORKMANSHIP FOR A PERIOD OF ONE YEAR AFTER SUBSTANTIAL COMPLETION UNLESS OTHERWISE STATED ABOVE.

CONCRETE

1. MIN. 28 DAY STRENGTH AS FOLLOWS:
   FOUNDATIONS-3,000 PSI
   MIN. CEMENT CONTENT-5 SACKS/CY
   MAXIMUM WATER/CEMENT RATIO-0.50
   SLUMP RANGE-3 $\frac{1}{2}$"MIN-5 $\frac{1}{2}$" MAX
2. NO FLY ASH ADDITIVES SHALL BE USED IN FLATWORK OR ARCHITECTURALLY EXPOSED CONCRETE.
3. FLY ASH-IF PERMITTED BY ARCHITECTURAL SPECIFICATIONS, SHALL BE LIMITED TO 20% OF CEMENTITIOUS MATERIALS.

REINFORCING:

1. ASTM A615 (Fy=60 KSI) DEFORMED BARS FOR ALL BARS
2. ALL GRADE 60 REINFORCING TO BE WELDED SHALL BE ASTM A706.
3. WELDED WIRE FABRIC PER ASTM A185, WIRE PER ASTM A82.
4. NO TACK WELDING OF REINFORCING BARS ALLOWED WITHOUT PRIOR REVIEW OF PROCEDURE WITH THE STRUCTURAL ENGINEER.
5. LATEST ACI CODE AND DETAILING MANUAL APPLY.
6. CLEAR CONCRETE COVERAGE AS FOLLOWS:
   6.1. CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH-3"
   6.2. EXPOSED TO EARTH OR WEATHER
   6.2.1. #6 OR LARGER-2"
   6.2.2. #5 OR SMALLER-1 $\frac{1}{2}$"
   6.2. FLAT SLAB- 2"
   6.3. ALL OTHER PER LATEST EDITION OF ACI 318

CONTROL AND EXPANSION JOINT NOTES:

1. PROVIDE EXPANSION JOINTS IN ALL CASES WHERE CONCRETE FLATWORK MEETS VERTICAL STRUCTURES SUCH AS WALLS, CURBS, STEPS AND BUILDING OR WHERE CONCRETE ABUTS UTILITY VAULTS OR BOXES. REQUIRED EXPANSION JOINTS AT ALL VAULTS AND VERTICAL STRUCTURES MAY NOT BE SHOWN ON THESE DRAWINGS BUT ARE A CONSTRUCTION REQUIREMENT.
2. **CONTRACTOR TO PROVIDE SHOP DRAWING(S) FOR OVERALL LAYOUT OF ALL CONTROL AND EXPANSION JOINTS.**

METAL FABRICATION NOTES:

1. ALL METAL COMPONENTS TO BE STEEL OR ALUMINUM AS INDICATED
2. STANDARDS: SUBMIT SPECIFICATIONS ON ALUMINUM AND STEEL GRADE AND QUALITY FOR APPROVAL
3. WELDS TO BE CONTINUOUS AND NEAT, GRIND SMOOTH AND FLUSH, GRIND INSIDE CORNERS TO SMOOTH ROUNDED FORM.
4. PREPARATION: BLAST AND GRIND/WIRE BRUSH TO REMOVE ALL MILL SCALE AND SURFACE FLAKING, AND AS RECOMMENDED BY PRIMER MANUFACTURER.
5. PAINTING
   5.1. PRIMER AND COATING APPLICATION: TO BE **MATTHEWS PAINT SYSTEM**, OR APPROVED EQUAL. LANDSCAPE ARCHITECT TO PROVIDE SELECTION AND APPROVAL ON APPLIED COLORS AND FINISHES.
   5.2. SUBMIT PAINTED METAL SAMPLES FOR APPROVAL
6. GALVANIZED
   6.1. HOT DIP GALVANIZE ALL COMPONENTS INCLUDING HARDWARE
   6.2. NO SPRAY GALVANIZATION WILL BE ACCEPTED

PAVING SCHEDULE (P)

SYMBOL	KEY	DESCRIPTION	SUPPLIER	MATERIAL	SIZE	COLOR	FINISH	REMARK	DETAIL
	P1	CONCRETE PAVING: PEDESTRIAN RATED WITH FINISH AND SAWCUT JOINTS	-	CONCRETE	-	NATURAL GREY	TOP-CAST 05	-CONTRACTOR SHALL SUBMIT 5'X5' MOCK UP FOR LA APPROVAL	01 L3.01
	P2	DECORATIVE GRAVEL	SITE ONE, ALAMO STONE, OR APPROVED EQUAL	SALADO ROSE GRAVEL	2"-4"	NATURAL	-	-	03 L3.01
	P3	GRAVEL PAVING: DECOMPOSED GRANITE	LIVING EARTH OR APPROVED EQ.	GRANITE	$\frac{3}{8}$" MINUS	NATURAL	-	-4" DEPTH -INTEGRAL BINDER REF. SPECS	02 L3.01
	SE	STEEL EDGING	JD RUSSELL	STEEL	14GAx6" ROLLED TOP	-	GALVANIZED	REF. SPECS	04&6 L3.01

PAVING NOTE(S):
1. 5'(FT)X5'(FT) MOCK-UPS TO BE PROVIDED FOR ALL PAVING SYSTEMS, EDGELAND TO PROVIDE APPROVAL BEFORE INSTALLATION
2. CONTRACTOR TO PROVIDE SHOP DRAWING LAYOUT FOR ALL CONTROL AND EXPANSION JOINTS FOR LA APPROVAL
3. FOR SUBSTITUTIONS TO BE APPROVED, CONTRACTOR TO SUBMIT EQUALS PRIOR TO BIDS BEING ACCEPTED

AMENITY SCHEDULE (A)

KEY	DESCRIPTION	MATERIAL	SUPPLIER	SIZE	COLOR	FINISH	REMARK	DETAIL
A1.1	WILSHIRE PLANTER WITH TRELLIS; WX2-722430-80	FIBERGLASS	TOURNESOL	72" X 24" X 30" (IN)	PITCH	SMOOTH	-CONTACT DAVID FARBER @ 510.240.6868	05 L4.04
A1.2	WIILSHIRE PLANTER WITH TRELLIS; WX2-482430-80	FIBERGLASS	TOURNESOL	48" X 24" X 30" (IN)	PITCH	SMOOTH	-CONTACT DAVID FARBER @ 510.240.6868	05 L4.04
A2.1	WILSHIRE PLANTER; WR-602430	FIBERGLASS	TOURNESOL	60" X 24" X 30" (IN)	PITCH	SMOOTH	-CONTACT DAVID FARBER @ 510.240.6868	05 L4.04
A3	MONOLINE BACKED BENCH WITH ARMRESTS; SURFACE MOUNT	KEBONY CLEAR	SITE PIECES	72" X 27" X 38.5 (IN)	GRAPHITE BLACK	GLOSSY POWDER COAT	-CONTACT BLAKE MYERS @ 713.467.6436	05 L4.04
A4	FLAGPOLE	ALUMINUM	ACME/LINGO FLAGPOLES, LLC OR APPROVED EQUAL	30'	-	SATIN-BRUSHED	-	05 L3.01

LIGHTING SCHEDULE

SYMBOL	KEY	DESCRIPTION	SUPPLIER	COLOR TEMP.	SIZE	COLOR	FINISH	REMARK	DETAIL
	L1	BOLLARD - HARDSCAPE BASE	BEGA	3000K	-	BLACK	POWDERCOAT	- INSTALL PER MANUFACTURER'S SPECIFICATIONS	-
	L2	LINEAR FLOOD LIGHT, YOSEMITE YO-LED-X43-WW-BLP-9-CV, HP2 MOUNTING	BK LIGHTING	2700K	7 1/2" X 3 1/8"	BLACK	POWDERCOAT	- CONTACT BLAKE MEYERS @ LAI 281.744.9285	-

LIGHTING NOTE(S):
1. **FOUNDATIONS FOR PEDESTRIAN POLES TO BE MAX 3" ABOVE ADJACENT PAVING, NOTIFY LANDSCAPE ARCHTECT OF ANY CONFLICTS.**
2. ALL LIGHT POLE FOUNDATIONS LOCATED WITHIN PEDESTRIAN PAVING TO BE LOCATED FLUSH WITH PAVING
3. ALL EXTERIOR LIGHTING TO BE CONTROLLED BY PHOTOCELL
4. LIGHTING FOR ANY STAGE OR AMPHITHEATER AREAS TO BE ON SEPARATE CONTROLLED CIRCUIT

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2046 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

KEY PLAN NORTH: PLAN

REGISTERED LANDSCAPE ARCHITECT JACOB T. GAINES 6924 STATE OF TEXAS
09/24/2025

CLIENT: ALAMO COLLEGES DISTRICT
DATE: 09/24/2025 | PROJECT NUMBER: 250033

DRAWING HISTORY

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MATERIALS NOTES AND SCHEDULE

L2.00

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0"
1"

MATERIALS LEGEND

- TOP CAST CONCRETE
- DECOMPOSED GRANITE
- DECORATIVE GRAVEL
- TOOLED OR SAW CUT JOINT, REF. CALLOUT
- EXPANSION JOINT
- P#1 PLANTED AREA, REF. PLANTING PLAN

LIMIT OF WORK

LIMIT OF WORK

LIMIT OF WORK

LIMIT OF WORK

LIMIT OF WORK

LIMIT OF WORK

EXISTING

SE P2

EXISTING

EXISTING

SE P3

DEMO FOR ELECTRICAL SLEEVE; REPAIR WITH CONCRETE TO MATCH SURROUNDING MATERIALS; FLUSH CONDITION WITH EXISTING SIDEWALK GRADE

LOT 1RA-2
10.71 AC
SUNDANCE SUBDIVISION UNIT 2
DOC NO 201006027202

0 5' 10'
1" = 10'

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

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ALAMO COLLEGES DISTRICT

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KEY PLAN
NORTH: PLAN

REGISTERED LANDSCAPE ARCHITECT
JACOB T. GALLIMORE
6974
STATE OF TEXAS

09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

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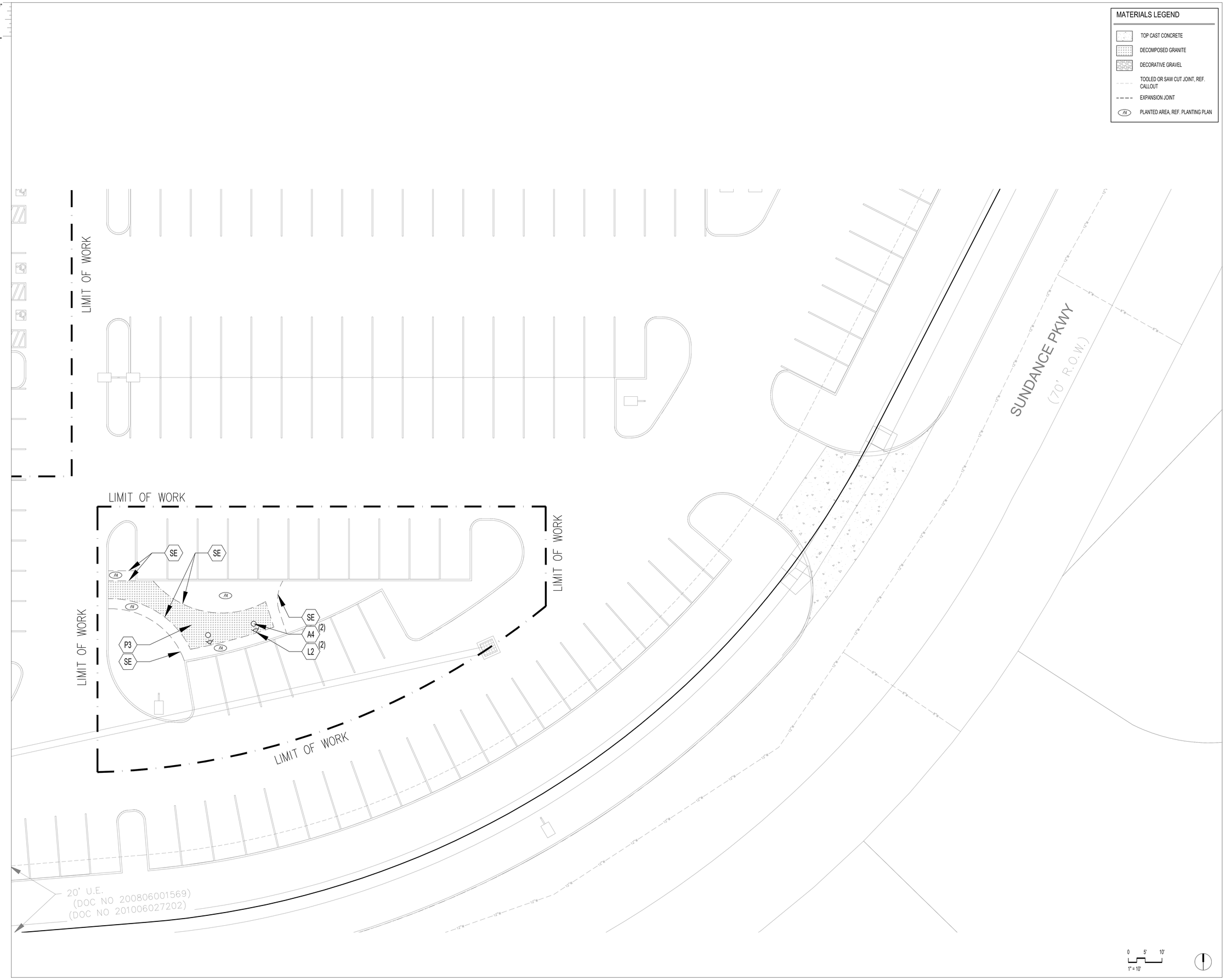
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ENTRANCE MATERIALS PLAN

L2.01

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KEY PLAN NORTH: PLAN

REGISTERED LANDSCAPE ARCHITECT
JACOB T. GALLIMORE
5074
STATE OF TEXAS

09/24/2025

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MATERIALS PLAN

L2.02

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0"

1"

MATERIALS LEGEND

- TOP CAST CONCRETE
- DECOMPOSED GRANITE
- DECORATIVE GRAVEL
- TOOLED OR SAW CUT JOINT, REF. CALLOUT
- EXPANSION JOINT
- PA — PLANTED AREA, REF. PLANTING PLAN

NOTE: ALTERNATE 01: NEW BUILDING ENTRANCE

EXISTING MAIL BOXES TO REMAIN

ALTERNATE 01; REF. ARCH

DEMO FOR ELECTRICAL SLEEVE; REPAIR WITH CONCRETE TO MATCH SURROUNDING MATERIALS; FLUSH CONDITION WITH EXISTING SIDEWALK GRADE

LIMIT OF WORK

LOADING

10.71 AC
SUNDANCE GC SUBDIVISION UNIT 2
DOC NO 20100602720

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KEY PLAN NORTH: PLAN

REGISTERED LANDSCAPE ARCHITECT JACOB T. GALLIMORE 6874 STATE OF TEXAS

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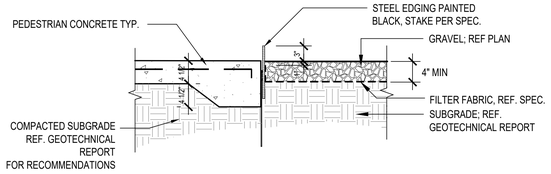
ALTERNATE ENTRANCE MATERIALS PLAN

L2.03

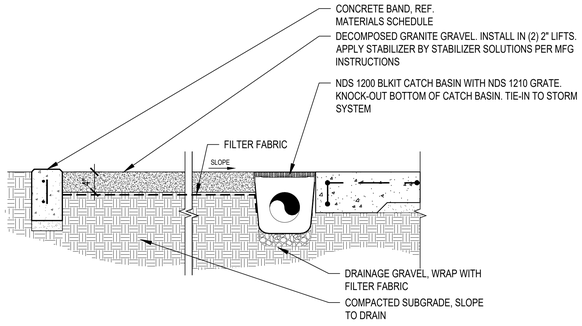
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1" = 10'

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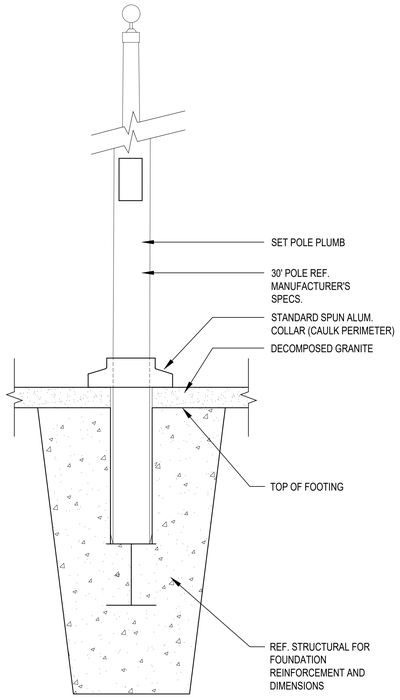
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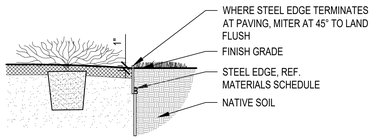
06 SECTION–STEEL EDGING AT CONCRETE AND GRAVEL
1" = 1'–0"



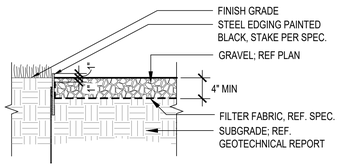
02 SECTION–TYPICAL DECOMPOSED GRANITE GRAVEL
1" = 1'–0"



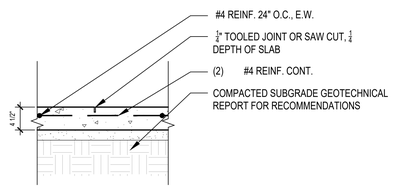
05 SECTION – FLAGPOLE
1" = 1'–0"



04 SECTION–STEEL EDGING
1" = 1'–0"

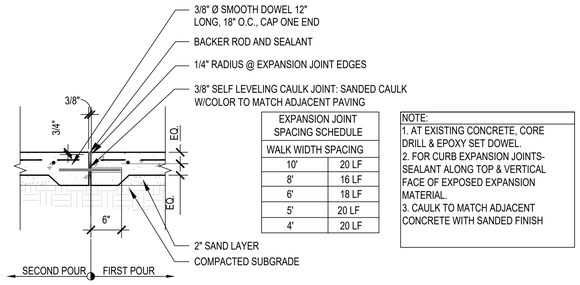


03 SECTION–TYPICAL DECORATIVE GRAVEL
1" = 1'–0"



CONTROL JOINT SPACING SCHEDULE	
WALK WIDTH SPACING	
10'	8' O.C.
8'	6' O.C.
5'	5' O.C.
4'	4' O.C.

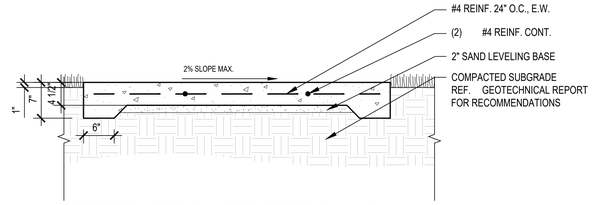
D. SECTION-TYPICAL CONTROL JOINT



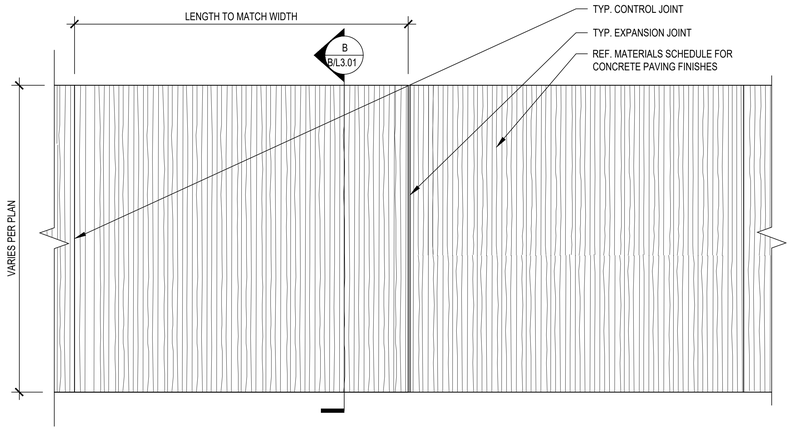
EXPANSION JOINT SPACING SCHEDULE	
WALK WIDTH SPACING	
10'	20 LF
8'	16 LF
6'	18 LF
5'	20 LF
4'	20 LF

NOTE:
1. AT EXISTING CONCRETE, CORE DRILL & EPOXY SET DOWEL.
2. FOR CURB EXPANSION JOINTS-SEALANT ALONG TOP & VERTICAL FACE OF EXPOSED EXPANSION MATERIAL.
3. CAULK TO MATCH ADJACENT CONCRETE WITH SANDED FINISH

C. SECTION-TYPICAL EXPANSION JOINT



B. SECTION-TYPICAL CONCRETE PAVING



A. PLAN-TYPICAL CONCRETE PAVING

01 TYPICAL PED. CONCRETE PAVING
1" = 1'–0"

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

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KEY PLAN
NORTH: PLAN

REGISTERED LANDSCAPE ARCHITECT · COLLIN T. GALLAGHER · 6074 · STATE OF TEXAS
09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

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HARDSCAPE DETAILS

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0"

1"

PLANTING NOTES:

1. PLANTING SOIL MIXTURE: REF. SPECIFICATIONS.
2. ALL ON SITE TOPSOIL FROM DESIGNATED STOCKPILE AREA OR BORROW SITE WILL BE TESTED TO COMPLY WITH CONFORMITY SHOWN IN SOIL PREPARATION SPECIFICATION
3. BIDDING CONTRACTORS BE ADVISED THAT ALL NEW TREE MATERIAL IS TO BE CONTAINER-GROWN CORRESPONDING TO STATED ROOT BALL SIZES AS RECOGNIZED BY INDUSTRY STANDARDS. THIS SHALL EXCLUDE ALL B&B, MACHINE MOVED, OR TRANSPLANTED TREES FROM THE BIDDING PROCESS UNLESS OTHERWISE INDICATED. THE INSTALLATION CONTRACTOR SHALL BE PREPARED TO PROVIDE PHOTOGRAPHS OF INTENDED PLANT MATERIAL ALONG WITH SIGNED CLARIFICATION THAT PLANT MATERIAL MEETS THESE REQUIREMENTS AND THAT NO VARIATIONS OR SUBSTITUTIONS HAVE BEEN MADE.
4. THE LANDSCAPE CONTRACTOR DOING THE INSTALLATION OF THIS WORK SHALL SUBMIT INFORMATION TO THE LA REGARDING THE SOURCING OF PLANT MATERIAL. ALL PLANT MATERIAL MUST BE APPROVED BY THE LA.
5. IF THE PLANTING PLAN DOES NOT AGREE WITH THE PLANT LIST, THE QUANTITIES INDICATED GRAPHICALLY ON THE PLANTING PLAN SHALL GOVERN.
6. IF IRRIGATION IS NOT PROVIDED TO PROPOSED TREES, AND DECLINED BY THE OWNER THE CONTRACTOR IS TO INSTALL: **TREE GATORS** REFERENCE SPECIFICATIONS.
7. CONTRACTOR TO PROVIDE ONSITE INVESTIGATION FOR ALL TREE PITS. SOIL CONDITIONS VARY FROM HEAVY CLAY TO SOLID BEDROCK. RESPONSIBILITY FOR ADDRESSING THESE CONDITIONS FALLS ON THE CONTRACTOR.
8. **PROVIDE $\frac{3}{4}$"X48" ORANGE DRIVEWAY MARKERS W/REFLECTORS 15' O.C. WHERE ALL NATIVE SEEDING MEETS MOWED LAWN CONDITION. CONFIRM ANY CONFLICTS WITH LANDSCAPE ARCHITECT.**

IRRIGATION NOTES:

1. REFERENCE IRRIGATION PLANS AND DETAILS. IF IRRIGATION PLANS ARE NOT PROVIDED THE CONTRACTOR IS TO PRODUCE SEALED IRRIGATION DRAWINGS USING THE BELOW GUIDELINES. IRRIGATION DRAWINGS TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION
2. IRRIGATION DESIGNS ARE TO BE DESIGNED BY A LICENSED IRRIGATOR IN THE STATE IN WHICH THE PROJECT IS BEING CONSTRUCTED
3. IRRIGATION DESIGN TO PROVIDE TEMPORARY IRRIGATION AT ALL AREAS SHOWN TO BE SEEDED
4. VERIFY TAP LOCATION WITH CIVIL ENGINEER, CONFIRM LOCATION, SIZE AND METHOD
5. VERIFY STATIC PRESSURE OF WATER SOURCE AT POINT OF CONNECTION PRIOR TO DESIGN AND INSTALLATION
6. HEAD TO HEAD COVERAGE OR BETTER; DO NOT EXCEED MANUFACTURER'S PUBLISHED RADIUS OF THROW.
7. MAINLINE AND SECTION PIPE TO BE SCHEDULE 40
8. ALL PIPE UNDER PAVEMENT SHALL BE IN SLEEVES
9. PREFERRED EQUIPMENT:
   - 9.1. CLIENT, CITY AND DISTRICT STANDARDS SUPERCEDE ANY OF THE FOLLOWING NOTES.
   - 9.2. SPRAY HEAD:RAINBIRD, 180X SERIES; POP-UP HEIGHT APPROPRIATE FOR PLANT MATERIAL AT TIME OF PLANTING
   - 9.3. NOZZLES: RAINBIRD MPR
   - 9.4. ROTOR HEADS: RAINBIRD 500 SERIES
   - 9.5. INCLUDE SWING JOINTS ON ALL SPRAY POP UPS AND ROTORS
   - 9.6. REMOTE CONTROL VALVE: PEB SERIES BRASS.
   - 9.7. BALL VALVE: LASCO UNION TYPE BALL VALVE SAME SIZE AS CONTROL VALVE
   - 9.8. TREE BUBBLERS: GPH AND EMITTER SPACING APPROPRIATE FOR SOIL CONDITIONS, PROVIDE DETAIL
   - 9.9. QUCK COUPLERS: RAINBIRD 33DRC- $\frac{3}{4}$" DIAMETER OUTLET
   - 9.10. VALVE BOXES: RAIN BIRD VB SERIES 12x18 MIN. FOR 1-$\frac{1}{2}$" VALVE OR SMALLER, JUMBO 17x30 FOR 2" VALVE AND LARGER; ALLOW 24" BETWEEN VALVE BOXES. ALIGN SQUARE TO ADJACENT PAVING
   - 9.11. CONTROLLER: RAINBIRD ESP-LXME2/PRO WITH LXMSS CABINET AND PEDESTAL; VERIFY ON PLAN WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION
10. CONTRACTOR TO CONTACT IRRIGATION MANUFACTURER TO PROGRAM ADEQUATE WATERING SCHEDULE ON IRRIGATION CONTROLLER UPON PLANTING INSTALLATION.
11. CONTRACTOR TO COORDINATE MANUFACTURER'S MOBILE ACCESS TO IRRIGATION CONTROLLER WITH CLIENT BEFORE SUBSTANTIAL COMPLETION OR BEFORE TURNING OVER MAINTENANCE DUTIES TO CLIENT UPON MAINTENANCE AGREEMENT COMPLETION.

SITE/LANDSCAPE SLEEVING NOTES:

1. CONTRACTOR IS RESPONSIBLE TO VERIFY ALL OTHER CONSULTANTS AND SUB-CONTRACTOR SLEEVING REQUIREMENTS AND PLACE SUCH SLEEVES PRIOR TO HARDSCAPE INSTALLATION.

PLANTING SCHEDULE

CACTUS/SUCCULENTS						
	YR	YUCCA RECURVIFOLIA	SOFT LEAF YUCCA	5 GALLON		FULL PLANTS, ROOTED TO CONTAINER
PERENNIALS						
	ABBREVIATION	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS/COMMENTS
	JF	PHLOX PANICULATA 'JOHN FANICK'	PHLOX 'JOHN FANICK'	1 GALLON	16" O.C.	FULL PLANTS, ROOTED TO CONTAINER
	SP	SETCREASEA PURPUREA	PURPLE HEART	1 GALLON	14" O.C	FULL PLANTS, ROOTED TO CONTAINER
GROUNDCOVERS						
	ABBREVIATION	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS/COMMENTS
	LA	LANTANA X 'NEW GOLD'	NEW GOLD LANTANA	1 GALLON	18" O.C.	FULL PLANTS, ROOTED TO CONTAINER
	AE	ASPIDISTRA ELATIOR	CAST IRON PLANT	1 GALLON	16" O.C.	FULL PLANTS, ROOTED TO CONTAINER
	TA	THRYALLIS AUGUSTIFOLIA	GOLDEN THYRALLIS	1 GALLON	18" O.C.	FULL PLANTS, ROOTED TO CONTAINER
GRASSES						
	ABBREVIATION	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS/COMMENTS
	DA	DICHONDRA ARGENTEA	SILVER PONY FOOT	1 GALLON	16" O.C.	FULL PLANTS, ROOTED TO CONTAINER
	NT	NASELLA TENUISSIMA	MEXICAN FEATHER GRASS	3 GALLON	24" O.C.	FULL PLANTS, ROOTED TO CONTAINER
VINES						
SYMBOL	ABBREVIATION	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS/COMMENTS
	AL	ANTIGONON LEPTOPUS	CORAL VINE	1 GALLON	12" O.C.	FULL PLANTS, ROOTED TO CONTAINER
TURF						
SYMBOL	ABBREVIATION	BOTANICAL NAME	COMMON NAME		DENSITY	REMARKS/COMMENTS
	SOD	CYNODON DACTYLON 'BERMUDA CELEBRATION'	BERMUDA 'CELEBRATION' TURF			SOLID SOD, STAGGERED

PLANT SIZING CHART

SHADE AND ORNAMENTAL SINGLE TRUNK TREES			
CONT. SIZE	CALIPER (DBH)	HEIGHT	SPREAD
10 GALLON	$\frac{3}{4}$"	6'MIN	3'-4'
15 GALLON	1"	8'-10'	4'-5'
30 GALLON	1-$\frac{1}{2}$" TO 2"	12'-14'	4'-5'
45 GALLON	2" TO 3"	14'-16'	5'-7'
65 GALLON	3" TO 3-$\frac{1}{2}$"	16'-18'	6'-8'
100 GALLON	3-$\frac{1}{2}$" TO 4"	18'-20'	8'-12'
PALMS			
CONT. SIZE	HEIGHT	BARE TRUNK	
10 GALLON	3'-4'		
15 GALLON	4'	1'	
30 GALLON	5' TO 6'	3'	
45 GALLON	6'-8'	4'	
65 GALLON	8'-10'	6'	
MULTI-TRUNK TREES			
CONT. SIZE	HEIGHT	SPREAD	
5 GALLON	4'	24"-36"	
7 GALLON	5'-6'	36"-48"	
10 GALLON	6'-7'	42"-60"	
15 GALLON	7'-8'	60"MIN	
45 GALLON	10'-12'	60"MIN	
65 GALLON	12'-16'	72"MIN	
100 GALLON	14'-18'	80"MIN	

DECIDUOUS SHRUBS			
CONT. SIZE	MIN. NUMBER OF CANES	HEIGHT	SPREAD
1 GALLON	3	6"MIN	6"MIN
3 GALLON	4	14"MIN	10"
5 GALLON	4	30"MIN	24"
7 GALLON	5	40"MIN	30"
10 GALLON	5	48"MIN	36"
15 GALLON	6	60"-72"	48"MIN
30 GALLON	8	96"MIN	48"-60"
BROADLEAF EVERGREEN SHRUBS			
CONT. SIZE	HEIGHT	SPREAD	
1 GALLON	6"-9"	6"MIN	
3 GALLON	14"MIN	10"	
5 GALLON	30"MIN	24"	
7 GALLON	40"MIN	24-30"	
10 GALLON	48"-60"	40"MIN	
15 GALLON	60"-72"	48"MIN	
30 GALLON	72"-84"	48"-60"	

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210-829-0123

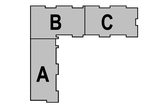
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN

NORTH: PLAN



09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: BL

DRAWN BY: NCM

PLANTING NOTES AND SCHEDULE

L4.00

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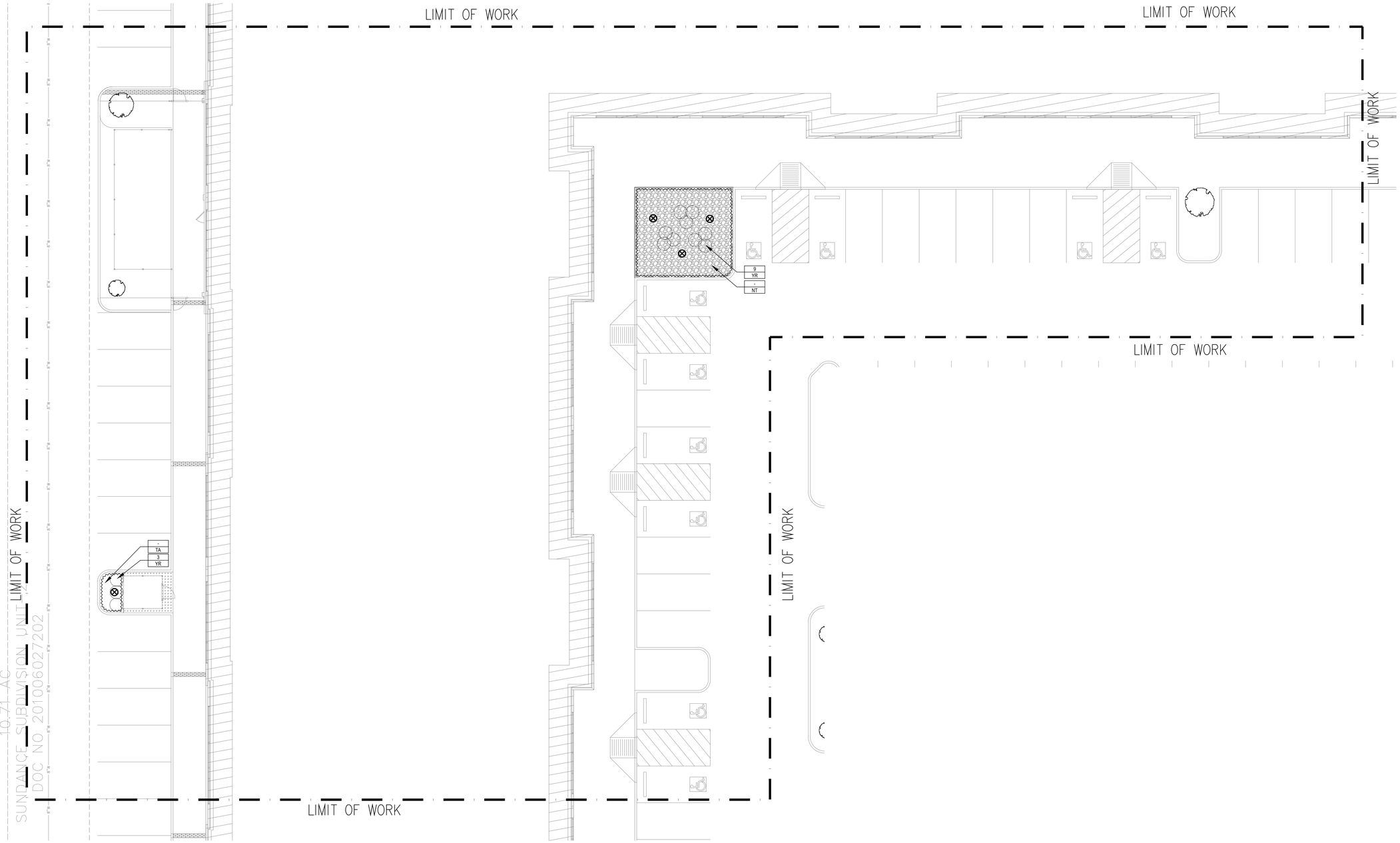
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9/24/2025 4:53:17 PM

0"

1"

MATERIALS LEGEND

- HEDGE
- TYP. PLANTING AREA
- EXISTING TREE
- TREES TO BE REMOVED



0 5' 10'

1" = 10'

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C
A

KEY PLAN

NORTH: PLAN

REGISTERED LANDSCAPE ARCHITECT
JACOB T. GALLEGOS
5074
STATE OF TEXAS

09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

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DRAWN BY: NCM

ENTRANCE PLANTING PLAN

L4.01

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9/24/2025 2:53:24 PM

0"
1"

MATERIALS LEGEND

- HEDGE
- TYP. PLANTING AREA
- EXISTING TREE
- TREES TO BE REMOVED

LIMIT OF WORK

LIMIT OF WORK

LIMIT OF WORK

LIMIT OF WORK

LIMIT OF WORK

NOTE: AREA TO REMAIN UNDISTURBED. SOD ALL AREAS DAMAGED BY CONSTRUCTION

NOTE: AREA TO REMAIN UNDISTURBED. SOD ALL AREAS DAMAGED BY CONSTRUCTION

NOTE: AREA TO REMAIN UNDISTURBED. SOD ALL AREAS DAMAGED BY CONSTRUCTION

TA JF SP TA

TA JF

SUNDANCE PKWY
(70' R.O.W.)

20' U.E.
(DOC NO 200806001569)
(DOC NO 201006027202)

0 5' 10'
1" = 10'

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SAN ANTONIO, TX
210-829-0123

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

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ALAMO COLLEGES DISTRICT

B C
A

KEY PLAN
NORTH: PLAN

REGISTERED LANDSCAPE ARCHITECT
JACOB T. GALLAGHER
6072
STATE OF TEXAS

09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

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DRAWN BY: NCM

PLANTING PLAN

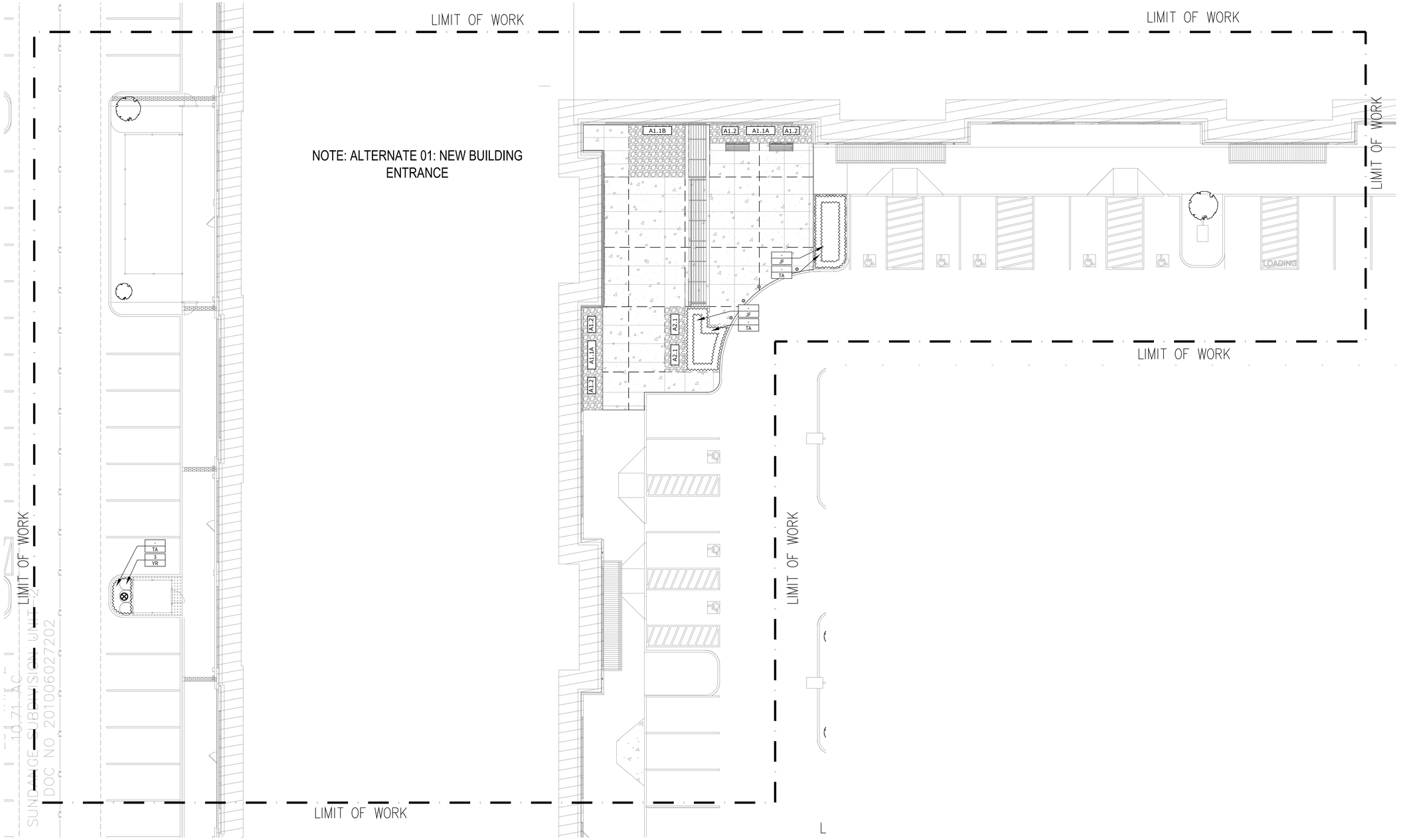
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0"

1"



MATERIALS LEGEND

- HEDGE
- TYP. PLANTING AREA
- EXISTING TREE
- TREES TO BE REMOVED

0 5' 10'

1" = 10'

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

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CLIENT PROJECT NO: 250033

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ALAMO COLLEGES DISTRICT

B C
A

KEY PLAN

NORTH: PLAN

REGISTERED LANDSCAPE ARCHITECT
JACOB T. GARZA
6074
STATE OF TEXAS

09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

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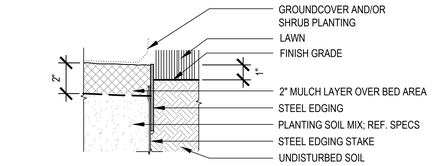
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ALTERNATE ENTRANCE PLANTING PLAN

L4.03

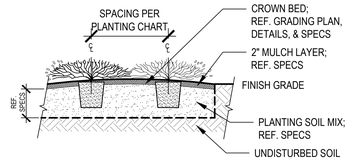
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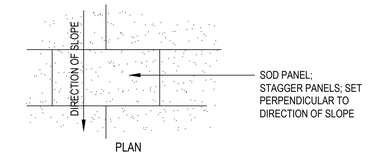
04 SECTION-METAL BED EDGE

3"=1'-0"



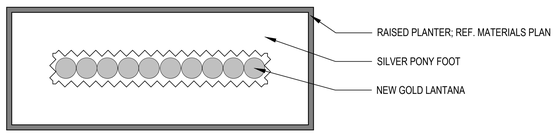
03 SECTION-TYP. BED PLANTING

1/2"=1'-0"



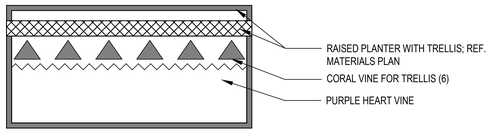
02 TYPICAL SOD PLANTING

1"=1'-0"

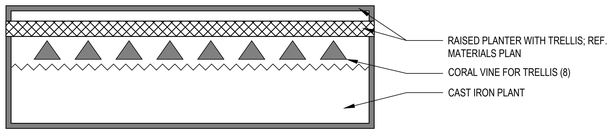


A2.1 - PLANTING LAYOUT

NOTE:
1. MULCH TO MATCH SPECIFICATION
2. SOIL TO MATCH PLANTING SPECIFICATION

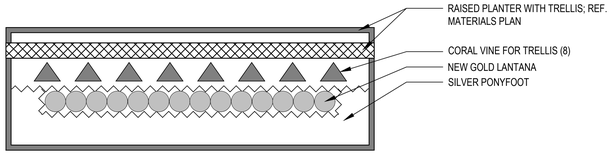


A1.2 - PLANTING LAYOUT



A1.1B - PLANTING LAYOUT

NOTE:
1. MULCH TO MATCH SPECIFICATION
2. SOIL TO MATCH PLANTING SPECIFICATION

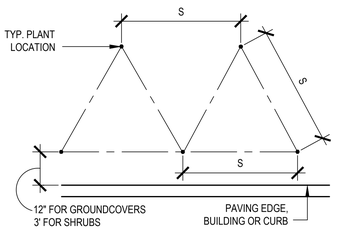


A1.1A - PLANTING LAYOUT

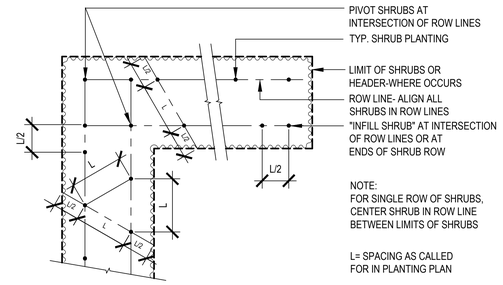
05 PLAN-PLANTING LAYOUT IN RAISED PLANTERS

1" = 1'-0"

NOTE: DIMENSION 'S' DENOTES PLANT SPACING AS CALLED OUT ON PLANT LIST.



SPACING	PLANTS / SF
6" O.C.	4.61
8" O.C.	2.60
9" O.C.	1.78
10" O.C.	1.66
12" O.C.	1.15
15" O.C.	.738
18" O.C.	.50
24" O.C.	.28
30" O.C.	.18
36" O.C.	.12
48" O.C.	.07
60" O.C.	.04
72" O.C.	.03



NOTE:
FOR SINGLE ROW OF SHRUBS, CENTER SHRUB IN ROW LINE BETWEEN LIMITS OF SHRUBS

L= SPACING AS CALLED FOR IN PLANTING PLAN

01 SECTION-PLANT SPACING

3"=1'-0"

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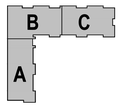
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN

NORTH: PLAN



09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

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PLANTING DETAILS

L4.04

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General Notes
S0-0
FOR BLUEBEAM LABELING/OCR:
0"
1"

GENERAL NOTES

GENERAL INFORMATION

1) The Structural Engineer-of-Record used the 2021 International Building Code (IBC) as the basic code document to prepare these structural construction documents along with additional codes and references noted in these documents. Construct this project according to this basic code document along with all local appplicable codes.

2) The Structural Engineer-of-Record prepared specifications for structural related portions of the project and has included these specifications on the structural drawings.

3) The Contractor shall familiarize himself with the site conditions. Layout the building by a licensed surveyor.

4) Consider typical conditions not necessarily noted as typical for other conditions. Specific details on the drawings indicate the intent of the structural design and, in most cases, are typical conditions or very similar to other details.

5) Understanding the structural requirements shown on the structural documents requires cooperation among all parties. Design and construction are complex. Due care and diligence in design does not guarantee perfection. Communication is necessary. Immediately report plan discrepancies for our interpretation. Consider unresolved discrepancies as the more costly interpretation of the discrepancy.

STRUCTURAL DESIGN CRITERIA

1) Dead Loads (Self-weight, Roofing, and Collateral)
   Roof..... 20 psf

2) Live Loads
   Roof ..... 20 psf (reducible)

3) Snow Loads
   Risk Category..... III
   Ground Snow Load..... 5 psf

4) Rain Loads (ponding not considered)
   100-year, 1-hour Rainfall..... 4.25 inches (IBC Figure 1611.1)

5) Wind Loads
   Risk Category..... III
   Ultimate Design Wind Speed (Vult)..... 114 mph
   Nominal Design Wind Speed (Vasd)..... 84 mph
   Wind Exposure Classification..... C

6) Seismic Loads
   Risk Category..... II
   Seismic Importance Factor (Ie)..... 1.0
   Site Class..... D
   Mapped Spectral Acceleration:
   Ss..... 0.051
   S1..... 0.027
   Spectral Response Coeff:
   Sds..... 0.055
   Sd1..... 0.044
   Seismic Design Category..... A

FOUNDATIONS

1) Design of foundations and structural components in contact with soil is based on the recommendations from the site specific geotech report:

   Report by..... Rock Engineering & Testing Lab
   Report Number..... G216324

2) Design Criteria
   Bearing Material..... Select Fill
   Allowable Bearing Capacity..... 2,500 psf

CONCRETE

1) Construct formwork to maintain tolerances as outlined in ACI 347. Reuse formwork according to ACI 347. Extend formwork at least six (6) inches below the finish grade elevation on perimeter beams. Cut temporary port openings in order to drain exposed trenches during construction in case of inclement weather.

2) Reinforcing steel shall comply with the requirements of ASTM A-615, Grade 60 and shall be continuous with splices lapped at least 40 bar diameters.

3) Fabricate bent bars according to ACI 315. Install reinforcing with clearance for concrete coverage around reinforcing steel according to ACI 318.

4) Concrete shall develop a 28-day compressive stress (f'c) of at least 3,000 psi. Design concrete mix(es) according to ACI 301 requirements.

5) The proportions of materials and use of admixtures influence the concrete strength along with the means and methods of construction. The contractor is responsible to determine that the concrete is suitable for its intended purpose. The engineer recommends the contractor consider the following in determining the concrete for this project: Cement shall be Type 1 (gray). Fly ash shall be Boral Materials, Class C. If fly ash is used, do not exceed 20% of the total fly ash and cement used by weight. Include a polymeric compound water-reducing admixture that complies with ASTM C494. Do not add an air entrainment additive. Mix shall result in a finished concrete product with moisture contents necessary to properly cure the concrete. Floor sealers, hardeners, finishes and coverings shall be compatible with concrete properties (ie, but not limited to, moisture and alkalinity properties). Concrete shall be in strict accordance with your mix design.

6) Place and cure concrete according to ACI 302. 1R. Finish according to ACI 117 tolerances.

7) Below interior floor slabs, place 10 mil thick plastic polyolifin vapor barrier, type recommended to be in contact with the soil or fill under a concrete slab, listed in ASTM E1745 Class A with a permeance less than 0.01 as determined by ASTM E96. Polyethylene is not acceptable. Install vapor retarder solidly within and below slab surface with joints lapped at least 6 inches and taped continuously with recommended pressure-sensitive tape. Extend vapor retarder down the sides of the beam trenches and terminate so that it does not extend across the trench bottom. Contractor and Architect (not structural engineer) shall verify that vapor retarder selected is compatible with proposed floor finishes.

STRUCTURAL STEEL

1) Rolled steel angles, plates, and bars shall be structural quality complying with ASTM A-36 (fy=36 ksi). Rolled steel shapes shall be structural quality carbon steel complying with ASTM A-36/A50 dual grade complying with ASTM A992 grade 50.

2) Structural steel tubular products shall be cold formed structural quality carbon steel, welded or seamless, complying with ASTM A1085.

3) Submit for review fabrication and erection shop drawings indicating profiles, sizes, splice locations, spacing and locations of structural members, connections, attachments, anchorages, framed openings, size and type of fasteners and loads.

4) Fabricate and erect all structural steel according to the drawings and as AISC Manual of Steel Construction recommends.

5) Prime paint all structural steel with 1.0 to 1.5 mil dry film thickness Alkyd Primer or equal, except for plates embedded in concrete. Match with other primed material.

6) Headed stud type concrete anchors (HCA) shall conform to the requirements of ASTM A 108-58T low carbon steel and shall be fastened according to manufacturer's recommendations.

7) Weld according to the drawings requirements and as recommended by applicable AWS specifications. All welds are 1/4" single pass fillet welds unless noted otherwise.

8) Tighten bolted connections according to the snug-tight method.

9) Provide 1/8" cap plate where needed to close ends of HSS framing.

METAL ROOF DECK (TYPE B)

1) Metal roof deck shall be 1.5" deep 22 gage Type B prime painted corrugated metal deck. Fabricate deck from sheet steel conforming to AISI, Section A3, minimum yield stress of 80 ksi. Construct according to SDI.

2) Submit for rewiew shop drawings indicating decking plan, deck profile dimensions, weld pattern, anchorage, supports, projections, openings and reinforcement, finished, applicable details and accessories.

3) Weld deck to supports, intermediate supports and to perimeter angle with 5/8" diameter puddle welds. Touch up all welds and cut edges with galvanized paint according to AISC recommendandations.

4) End laps shall be a minimum of 2" and shall always occur over supports. Side laps shall require a minimum of one-half flute. Attach split panels required to finish out the deck in every valley at all supports. Double the sidelap fasteners to adjacent split panels.

5) Attach roof deck end laps at 6" on center across the width. Attach roof deck to intermediate supports at 6" on center across the width.

6) Sidelaps of adjacent roof deck units shall be fastened by No. 10-16 by 3/4" long, self drilling, Teks 1 screws spaced at not more than 24" on center. Locate side lap fasteners at structural supports and at appropriate intervals between.

7) Attach the roof deck units to the perimeter angle parallel to the deck direction at 12" on center.

METAL ROOF DECK (TYPE R)

1) Roof deck shall be a minimum of 26 gage thickness galvalume Type R multi-rib profile metal roof deck, 1-1/4 inch deep, fitted with side lap bearing rib edges with continuous sealant at laps and splices for watertight installation.

2) Roof deck shall be screwed to supports with #12 self-tapping screws with 3/8 inch hex head and separate domed and neoprene sealing washers, 1" length, with organic corrosion resistant coating to match the roof panel. Space screws at 12" on center max.

3) Roof deck side lap screws shall be #14 self-tapping screws with 3/8 inch hex head and separate domed and neoprene sealing washers, 7/8" length, with organic corrosion resistant coating to match the roof panel. Space screws at 20" on center max.

EXTERIOR METAL STUD FRAMING

1) All lightgage structural framing members, studs, track, joists, and bridging shall be of the type and size as noted below and shall be manufactured by Dietrich Industries, Inc. or equivalent and shall be designed in accordance with AISI "Specification for the Design of Cold Formed Steel Structural Members".

2) All lightgage material shall be formed from hot dipped galvanized steel G-60 coating, meeting ASTM Specification A525 and C64.5. Grades as follows:
   16 gage and heavier Grade D (min 50 KSI yield)
   18 gage and lighter Grade B (min 33 KSI yield)

3) Exterior metal stud framing is a deferred submittal and shall be designed by an engineer licensed in the State of Texas. Submit signed and sealed shop drawings and representative calculations for review.

STRUCTURAL SUBMITTALS

1) Submit to the Structural Engineer for review appropriate schedules, shop drawings, samples, test reports, and product data that is related to the structural portion of the Work according to AIA Document A201 General Conditions of the Contract for Construction. No work shall be fabricated until Structural Engineer's review has been obtained. A list of structural submittals required for this project is:

Vapor Retarder
Concrete mix design
Foundation reinforcing steel
Foundation embeds
Structural steel
Metal roof deck

Deferred Submittals
Exterior metal stud framing

SPECIAL INSPECTIONS

The registered design professional in responsible charge (RDPIRC) for this project is the Architect. Submit all special inspection reports directly to the RDPIRC for review. Also, submit the structurally related special inspection reports to the structural engineer for his review:

The general contractor is responsible for coordinating all testing, inspections, and notifying the architect/engineer and special inspector of work ready for inspection. The general contractor must provide access to and means for proper inspection of the work.

Inspection of Fabricators
The fabricator shall submit to the RDPIRC with a copy to the owner and the general contractor a certificate of compliance stating that he fabricated his work either under the inspection services of a special inspector or under the inspection services of his nationally recognized trade organization that requires quality control inspections

REQUIRED SPECIAL INSPECTIONS AND TESTS OF CONCRETE CONSTRUCTION

INSPECTION TYPE	CONTINUOUS	PERIODIC
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT.	—	×
2. REINFORCING BAR WELDING: A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706; B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND C. INSPECT ALL OTHER WELDS.	— ×	× ×
3. INSPECT ANCHORS CAST IN CONCRETE.	—	×
4. INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS: A. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS; B. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.A.	×	 ×
5. VERIFY USE OF REQUIRED DESIGN MIX.	—	×
6. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	×	—
7. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	×	—
8. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	—	×
9. INSPECT PRESTRESSED CONCRETE FOR: A. APPLICATION OF PRESTRESSING FORCES; AND B. GROUTING OF BONDED PRESTRESSING TENDONS.	× ×	— —
10. INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	—	×
11. VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	—	×
12. INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	—	×

REQUIRED SPECIAL INSPECTIONS AND TESTS OF STEEL CONSTRUCTION

INSPECTION TYPE	CONTINUOUS	PERIODIC
1. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS:		
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	—	×
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	—	×
2. INSPECTION OF HIGH-STRENGTH BOLTING:		
A. SNUG-TIGHT JOINTS.	—	×
B. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITH MATCHMARKING, TWIST-OFF BOLT OR DIRECT TENSION INDICATOR METHODS OF INSTALLATION	—	×
C. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITHOUT MATCHMARKING OR CALIBRATED WRENCH METHODS OF INSTALLATION.	×	—
3. MATERIAL VERIFICATION OF STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:		
A. FOR STRUCTURAL STEEL, IDENTIFICATION MARKINGS TO CONFORM TO AISC 360.	—	×
B. FOR OTHER STEEL, IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	—	×
C. MANUFACTURER'S CERTIFIED TEST REPORTS.	—	×
4. MATERIAL VERIFICATION OF WELD FILLER MATERIALS:		
A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.	—	×
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	—	×
5. INSPECTION OF WELDING:		
A. STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:		
1) COMPLETE AND PARTIAL JOINT PENETRATION GROOVE WELDS.	×	—
2) MULTIPASS FILLET WELDS.	×	—
3) SINGLE-PASS FILLET WELDS > 5/16"	×	—
4) PLUG AND SLOT WELDS.	×	—
5) SINGLE-PASS FILLET WELDS ≤ 5/16"	—	×
6) FLOOR AND ROOF DECK WELDS.	—	×
B. REINFORCING STEEL:		
1) VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A706.	—	×
2) REINFORCING STEEL RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL STRUCTURAL WALLS OF CONCRETE AND SHEAR REINFORCEMENT.	×	—
3) SHEAR REINFORCEMENT.	×	—
4) OTHER REINFORCING STEEL.	—	×
6. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE:		
A. DETAILS SUCH AS BRACING AND STIFFENING.	—	×
B. MEMBER LOCATIONS.	—	×
C. APPLICATION OF JOINT DETAILS AT EACH CONNECTION.	—	×

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ISSUE FOR BIDDING

ALAMO COLLEGES DISTRICT

STATE OF TEXAS
MATTHEW P. COMER
134886
LICENSED PROFESSIONAL ENGINEER
9.24.2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/23/2025	25155

DRAWING HISTORY

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CHECKED BY:
DRAWN BY:

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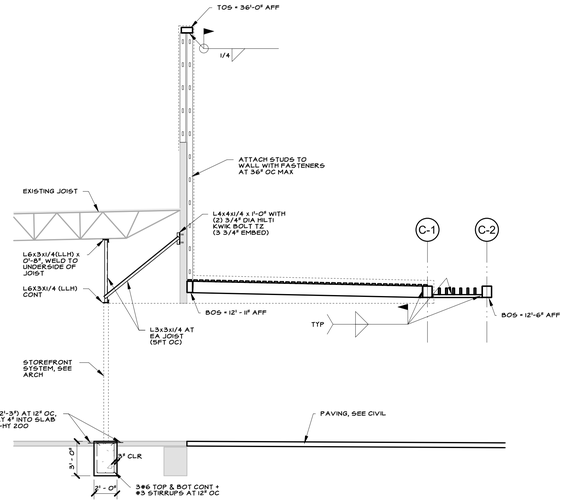
Project No. 25155

General Notes

S0-0

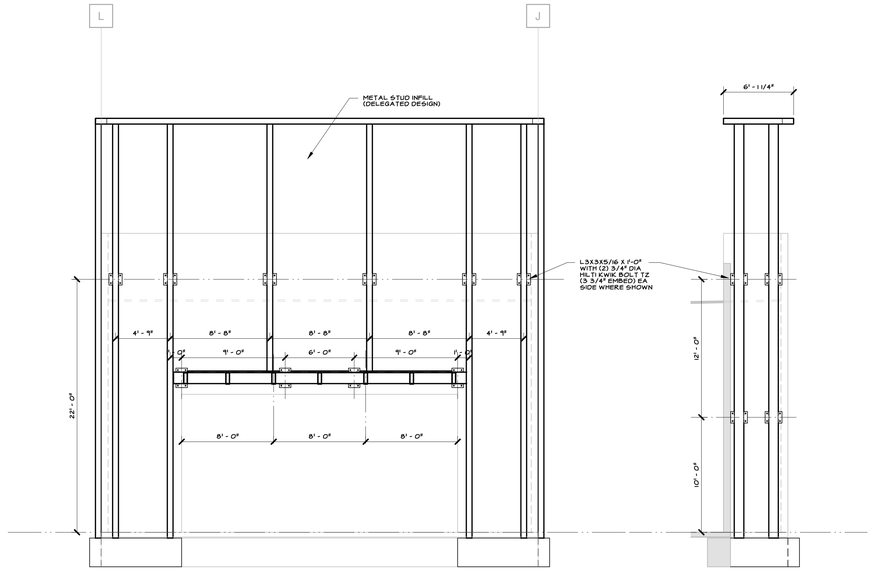
Main Entry
S1-1
FOR BLUEBEAM LABELING/OCR:

0"
1"



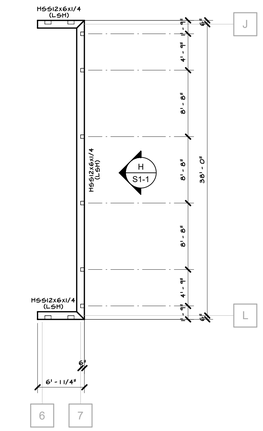
J Front Entry Section

3/16" = 1'-0"



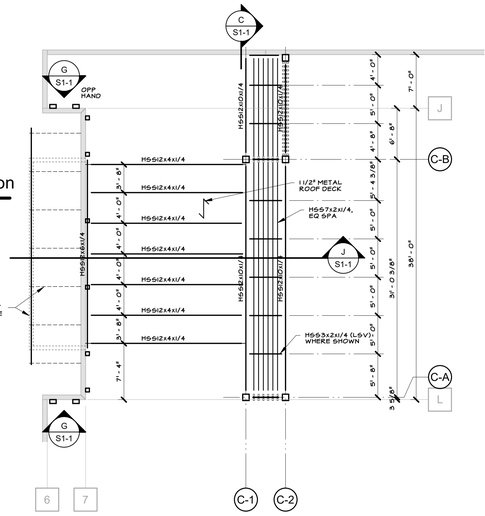
H Front Entry Elevation

3/16" = 1'-0"



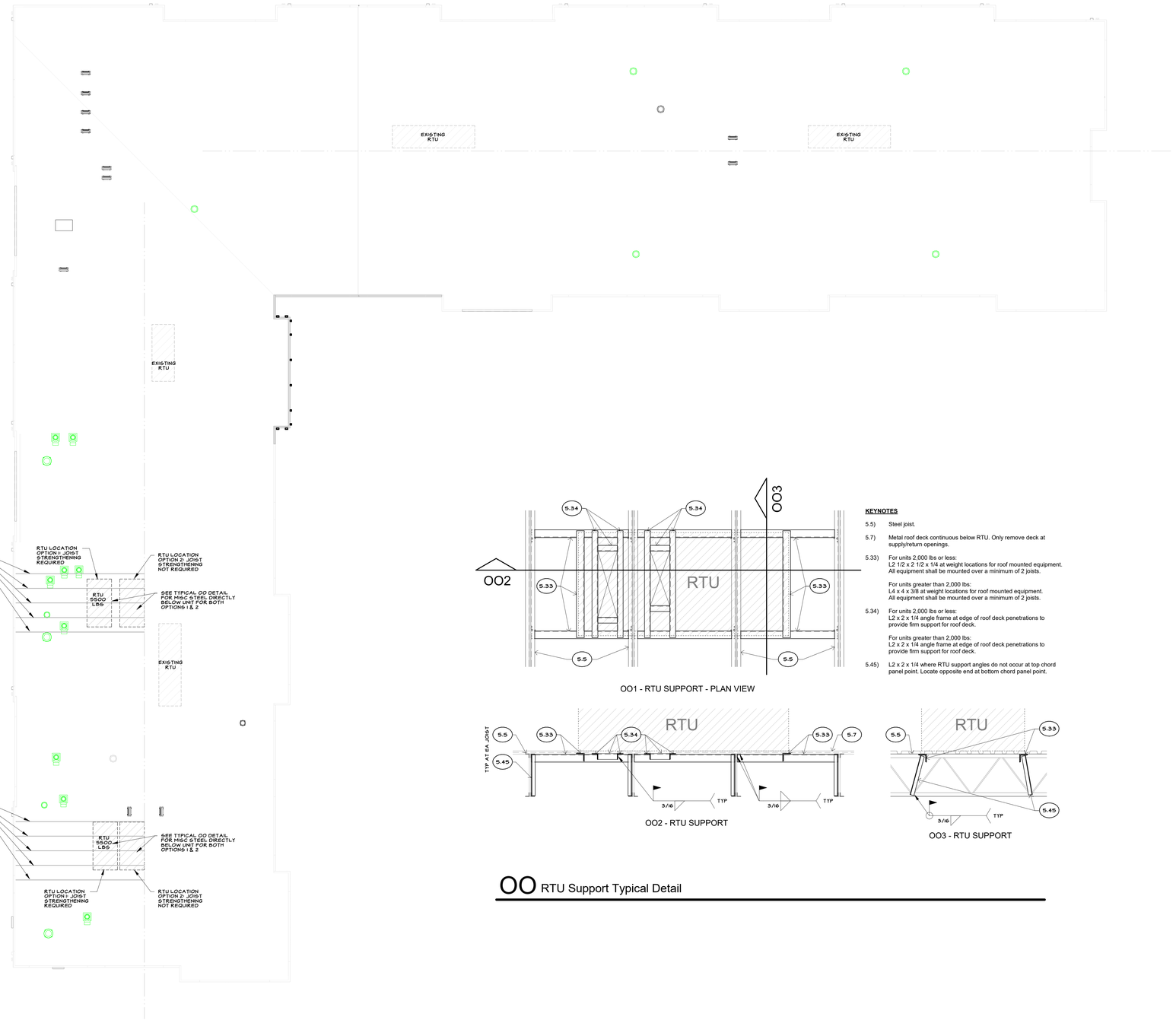
Parapet Framing Plan

1/8" = 1'-0"


C S1-1
G S1-1
OPP HAND
HSS12x10x1/4
HSS12x10x1/4
HSS12x4x1/4
HSS12x4x1/4
HSS12x4x1/4
HSS12x4x1/4
HSS12x4x1/4
HSS12x4x1/4
HSS6x6x1/4
HSS10x6x1/4
1 1/2" METAL ROOF DECK
HSS7x2x1/4, EQ SPA
J S1-1
HSS3x2x1/4 (LSV) WHERE SHOWN
STOREFRONT BRACING, SEE SECTION
7' - 4"
5' - 0"
5' - 0"
5' - 0"
5' - 0"
5' - 0"
5' - 0"
5' - 0"
4' - 0"
4' - 0"
4' - 0"
4' - 0"
4' - 0"
3' - 8"
4' - 0"
4' - 0"
4' - 0"
4' - 0"
4' - 0

RTU Support Plan
S1-2
FOR BLUEBEAM LABELING/OCR:

0"
1"



RTU Support Plan

1/16" = 1'-0"

OO1 - RTU SUPPORT - PLAN VIEW

KEYNOTES

5.5) Steel joist.

5.7) Metal roof deck continuous below RTU. Only remove deck at supply/return openings.

5.33) For units 2,000 lbs or less:
L2 1\2 x 2 1\2 x 1/4 at weight locations for roof mounted equipment. All equipment shall be mounted over a minimum of 2 joists.

For units greater than 2,000 lbs:
L4 x 4 x 3/8 at weight locations for roof mounted equipment. All equipment shall be mounted over a minimum of 2 joists.

5.34) For units 2,000 lbs or less:
L2 x 2 x 1/4 angle frame at edge of roof deck penetrations to provide firm support for roof deck.

For units greater than 2,000 lbs:
L2 x 2 x 1/4 angle frame at edge of roof deck penetrations to provide firm support for roof deck.

5.45) L2 x 2 x 1/4 where RTU support angles do not occur at top chord panel point. Locate opposite end at bottom chord panel point.

OO2 - RTU SUPPORT

OO3 - RTU SUPPORT

OO RTU Support Typical Detail

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ISSUE FOR BIDDING

ALAMO COLLEGES DISTRICT

B C A

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
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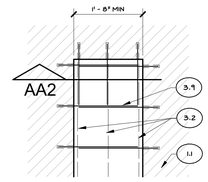
RTU Support Plan

S1-2

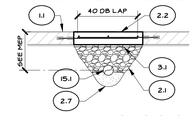
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Structural Details
S2-1
FOR BLUEBEAM LABELING/OCR:

0"
1"



AA1 - UTILITY TRENCH - PLAN VIEW



AA2 - UTILITY TRENCH - SECTION

KEYNOTES

1.1) Existing concrete slab-on-grade to remain.

2.1) Flowable fill or moisture conditioned and compacted existing material. Flowable fill mix shall have a minimum compressive strength of 200 psi at 28-days and comply with requirements of ACI 229R. Mix shall be designed for placement without consolidation.

2.2) New concrete slab infill. Concrete shall develop a 28-day compressive stress (f'c) of at least 4,000 psi. Design concrete mix according to ACI 301 requirements.

2.7) Leveling sand bed.

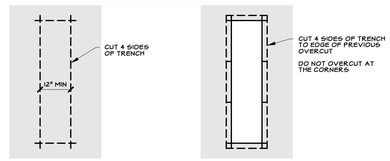
3.1) New vapor barrier, match existing thickness. At minimum, place 10 mil thick plastic polyolifin vapor barrier, type recommended to be in contact with the soil or fill under a concrete slab, listed in ASTM E1745 Class A with a permeance less than 0.01 as determined by ASTM E96. Polyethylene is not acceptable. Install vapor retarder soldly within and below slab surface with joints lapped at least 6 inches and taped continuously with recommended pressure-sensitive tape. Contractor and Architect (not structural engineer) shall verify that vapor retarder selected is compatible with proposed floor finishes.

3.2) #4 at 12" on center, lap 40 bar diameters.

3.9) #4 dowels at 12" on center. Drill & epoxy 6" into center of existing concrete slab with Hilti Hit-HY 200 epoxy. Lap dowels 40 bar diameters.

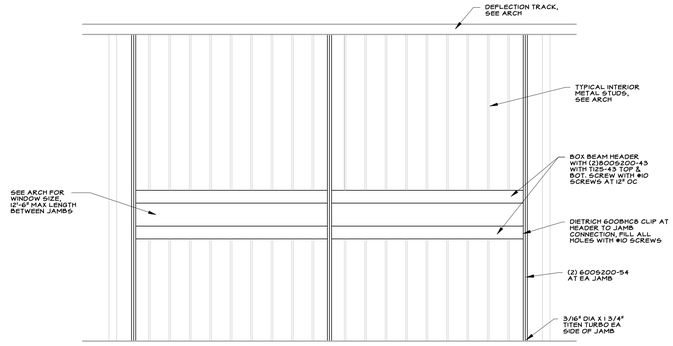
15.1) MEP pipe/conduit placed below slab thickness and below vapor retarder. Refer to MEP/Architect.

NOTE: FAILURE TO FOLLOW THESE STEPS AND DETAILS WILL RESULT IN ADDITIONAL WORK AT THE CONTRACTOR'S EXPENSE.



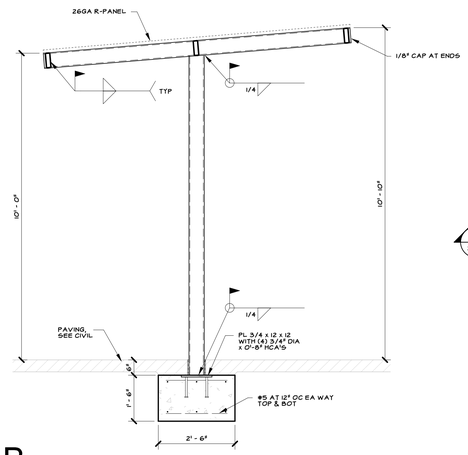
AA Plumbing Trench Typical Detail

1/2" = 1'-0"



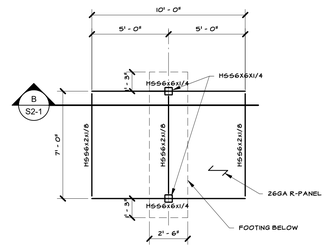
C Interior Wall Elevation at Transom

1/4" = 1'-0"



B Compressor Canopy Section

1/2" = 1'-0"



A Compressor Canopy Plan

1/4" = 1'-0"

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12.2.2025

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DATE	PROJECT NUMBER
09/23/2025	25155

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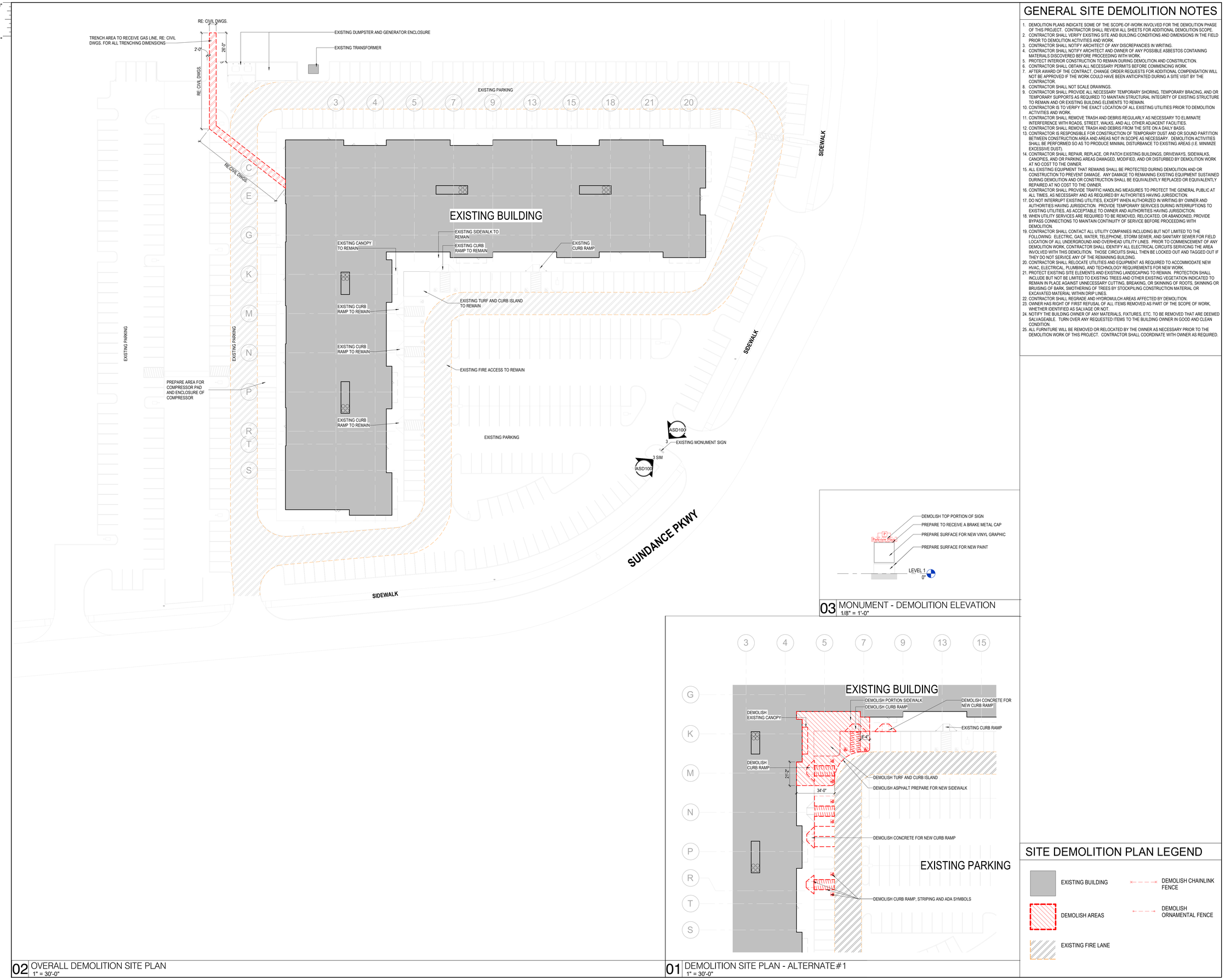
Structural Details

S2-1

OVERALL DEMOLITION SITE PLAN
ASD100

FOR BLUEBEAM LABELING/OCR:

0"
1"



02 OVERALL DEMOLITION SITE PLAN
1" = 30'-0"

01 DEMOLITION SITE PLAN - ALTERNATE#1
1" = 30'-0"

03 MONUMENT - DEMOLITION ELEVATION
1/8" = 1'-0"

GENERAL SITE DEMOLITION NOTES

1. DEMOLITION PLANS INDICATE SOME OF THE SCOPE-OF-WORK INVOLVED FOR THE DEMOLITION PHASE OF THIS PROJECT. CONTRACTOR SHALL REVIEW ALL SHEETS FOR ADDITIONAL DEMOLITION SCOPE.
2. CONTRACTOR SHALL VERIFY EXISTING SITE AND BUILDING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO DEMOLITION ACTIVITIES AND WORK.
3. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING.
4. CONTRACTOR SHALL NOTIFY ARCHITECT AND OWNER OF ANY POSSIBLE ASBESTOS CONTAINING MATERIALS DISCOVERED BEFORE PROCEEDING WITH WORK.
5. PROTECT INTERIOR CONSTRUCTION TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
6. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCING WORK.
7. AFTER AWARD OF THE CONTRACT, CHANGE ORDER REQUESTS FOR ADDITIONAL COMPENSATION WILL NOT BE APPROVED IF THE WORK COULD HAVE BEEN ANTICIPATED DURING A SITE VISIT BY THE CONTRACTOR.
8. CONTRACTOR SHALL NOT SCALE DRAWINGS.
9. CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY SHORING, TEMPORARY BRACING, AND OR TEMPORARY SUPPORTS AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY OF EXISTING STRUCTURE TO REMAIN AND OR EXISTING BUILDING ELEMENTS TO REMAIN.
10. CONTRACTOR IS TO VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES PRIOR TO DEMOLITION ACTIVITIES AND WORK.
11. CONTRACTOR SHALL REMOVE TRASH AND DEBRIS REGULARLY AS NECESSARY TO ELIMINATE INTERFERENCE WITH ROADS, STREET, WALKS, AND ALL OTHER ADJACENT FACILITIES.
12. CONTRACTOR SHALL REMOVE TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
13. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION OF TEMPORARY DUST AND OR SOUND PARTITION BETWEEN CONSTRUCTION AREA AND AREAS NOT IN SCOPE AS NECESSARY. DEMOLITION ACTIVITIES SHALL BE PERFORMED SO AS TO PRODUCE MINIMAL DISTURBANCE TO EXISTING AREAS (I.E. MINIMIZE EXCESSIVE DUST).
14. CONTRACTOR SHALL REPAIR, REPLACE, OR PATCH EXISTING BUILDINGS, DRIVEWAYS, SIDEWALKS, CANOPIES, AND OR PARKING AREAS DAMAGED, MODIFIED, AND OR DISTURBED BY DEMOLITION WORK AT NO COST TO THE OWNER.
15. ALL EXISTING EQUIPMENT THAT REMAINS SHALL BE PROTECTED DURING DEMOLITION AND OR CONSTRUCTION TO PREVENT DAMAGE. ANY DAMAGE TO REMAINING EXISTING EQUIPMENT SUSTAINED DURING DEMOLITION AND OR CONSTRUCTION SHALL BE EQUIVALENTLY REPLACED OR EQUIVALENTLY REPAIRED AT NO COST TO THE OWNER.
16. CONTRACTOR SHALL PROVIDE TRAFFIC HANDLING MEASURES TO PROTECT THE GENERAL PUBLIC AT ALL TIMES, AS NECESSARY AND AS REQUIRED BY AUTHORITIES HAVING JURISDICTION.
17. DO NOT INTERRUPT EXISTING UTILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY OWNER AND AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO OWNER AND AUTHORITIES HAVING JURISDICTION.
18. WHEN UTILITY SERVICES ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE BYPASS CONNECTIONS TO MAINTAIN CONTINUITY OF SERVICE BEFORE PROCEEDING WITH DEMOLITION.
19. CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES INCLUDING BUT NOT LIMITED TO THE FOLLOWING: ELECTRIC, GAS, WATER, TELEPHONE, STORM SEWER, AND SANITARY SEWER FOR FIELD LOCATION OF ALL UNDERGROUND AND OVERHEAD UTILITY LINES. PRIOR TO COMMENCEMENT OF ANY DEMOLITION WORK, CONTRACTOR SHALL IDENTIFY ALL ELECTRICAL CIRCUITS SERVICING THE AREA INVOVED WITH THIS DEMOLITION. THOSE CIRCUITS SHALL THEN BE LOCKED OUT AND TAGGED OUT IF THEY DO NOT SERVICE ANY OF THE REMAINING BUILDING.
20. CONTRACTOR SHALL RELOCATE UTILITIES AND EQUIPMENT AS REQUIRED TO ACCOMMODATE NEW HVAC, ELECTRICAL, PLUMBING, AND TECHNOLOGY REQUIREMENTS FOR NEW WORK.
21. PROTECT EXISTING SITE ELEMENTS AND EXISTING LANDSCAPING TO REMAIN. PROTECTION SHALL INCLUDE BUT NOT BE LIMITED TO EXISTING TREES AND OTHER EXISTING VEGETATION INDICATED TO REMAIN IN PLACE AGAINST UNNECESSARY CUTTING, BREAKING, OR SKINNING OF ROOTS, SKINNING OR BRUISING OF BARK, SMOTHERING OF TREES BY STOCKPILING CONSTRUCTION MATERIAL OR EXCAVATED MATERIAL WITHIN DRIP LINES.
22. CONTRACTOR SHALL REGRADE AND HYDROMULCH AREAS AFFECTED BY DEMOLITION.
23. OWNER HAS RIGHT OF FIRST REFUSAL OF ALL ITEMS REMOVED AS PART OF THE SCOPE OF WORK, WHETHER IDENTIFIED AS SALVAGE OR NOT.
24. NOTIFY THE BUILDING OWNER OF ANY MATERIALS, FIXTURES, ETC. TO BE REMOVED THAT ARE DEEMED SALVAGEABLE. TURN OVER ANY REQUESTED ITEMS TO THE BUILDING OWNER IN GOOD AND CLEAN CONDITION.
25. ALL FURNITURE WILL BE REMOVED OR RELOCATED BY THE OWNER AS NECESSARY PRIOR TO THE DEMOLITION WORK OF THIS PROJECT. CONTRACTOR SHALL COORDINATE WITH OWNER AS REQUIRED.

SITE DEMOLITION PLAN LEGEND

- EXISTING BUILDING
- DEMOLISH AREAS
- EXISTING FIRE LANE
- DEMOLISH CHAINLINK FENCE
- DEMOLISH ORNAMENTAL FENCE

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SAN ANTONIO, TX
210-829-0123

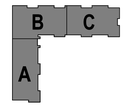
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN TRUE

REGISTERED ARCHITECT
JESSICA BRAUN
20575
STATE OF TEXAS

09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker

DRAWN BY: Author

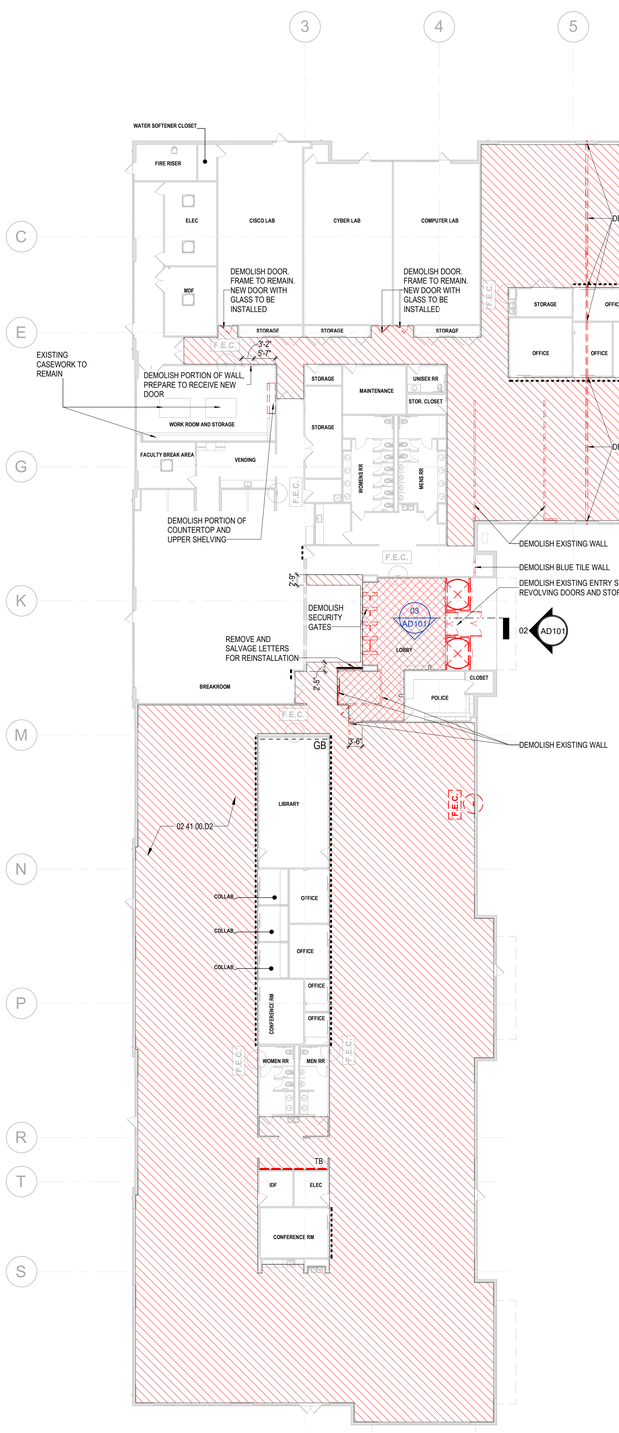
OVERALL DEMOLITION SITE PLAN

ASD100

Plot Stamp:
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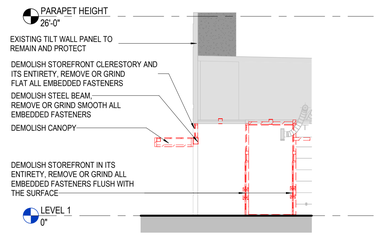
LEVEL 1 - OVERALL DEMOLITION FLOOR PLAN
AD101
FOR BLUEBEAM LABELING/DOOR:

0"
1"

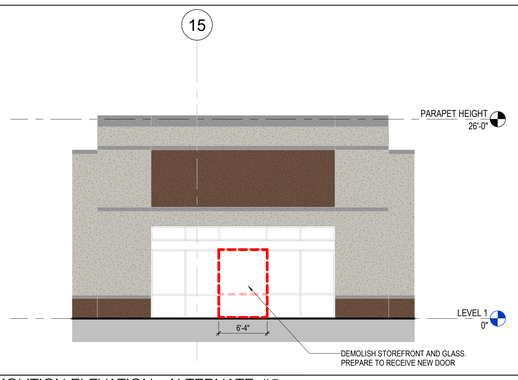


NOTES:
ALL EXISTING WINDOW SHADES TO REMAIN
REMOVE ALL EXISTING SIGNAGE

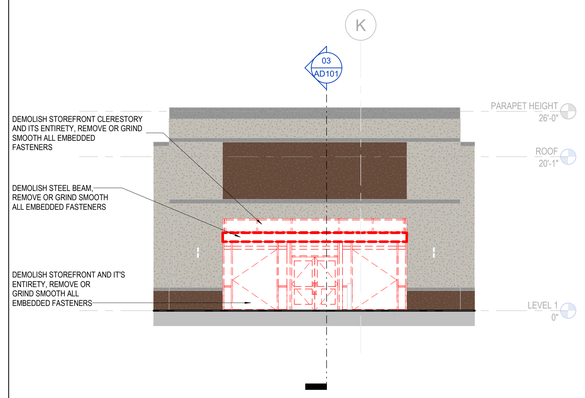
01 LEVEL 1 - OVERALL DEMOLITION FLOOR PLAN
1/16" = 1'-0"



03 DEMOLITION SECTION - FRONT ENTRY
1/8" = 1'-0"



04 DEMOLITION ELEVATION - ALTERNATE #5
1/8" = 1'-0"



02 DEMOLITION ELEVATION - FRONT ENTRY
1/8" = 1'-0"

GENERAL ARCH DEMOLITION NOTES

1. DEMOLITION PLANS INDICATE SOME OF THE SCOPE-OF-WORK INVOLVED FOR THE DEMOLITION PHASE OF THIS PROJECT. CONTRACTOR SHALL REVIEW ALL SHEETS FOR ADDITIONAL DEMOLITION SCOPE.
2. CONTRACTOR SHALL VERIFY EXISTING SITE AND BUILDING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO DEMOLITION ACTIVITIES AND WORK.
3. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING.
4. CONTRACTOR SHALL NOTIFY ARCHITECT AND OWNER OF ANY POSSIBLE ASBESTOS CONTAINING MATERIALS DISCOVERED BEFORE PROCEEDING WITH WORK.
5. PROTECT INTERIOR CONSTRUCTION TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
6. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCING WORK.
7. AFTER AWARD OF THE CONTRACT, CHANGE ORDER REQUESTS FOR ADDITIONAL COMPENSATION WILL NOT BE APPROVED IF THE WORK COULD HAVE BEEN ANTICIPATED DURING A SITE VISIT BY THE CONTRACTOR.
8. CONTRACTOR SHALL NOT SCALE DRAWINGS.
9. CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY SHORING, TEMPORARY BRACING, AND OR TEMPORARY SUPPORTS AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY OF EXISTING STRUCTURE TO REMAIN AND OR EXISTING BUILDING ELEMENTS TO REMAIN.
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18. REMOVE EXISTING CONSTRUCTION TO THE EXTENT INDICATED ON THE DRAWINGS. SHOULD ANY DAMAGE OCCUR TO ANY EXISTING CONSTRUCTION TO REMAIN, THE CONTRACTOR SHALL REPAIR THE DAMAGE TO MATCH EXISTING AND OR ADJACENT CONSTRUCTION AT NO COST TO THE OWNER.
19. MAINTAIN ANY AND ALL EXISTING FIRE-RATED ASSEMBLIES THAT ARE TO REMAIN, AND THEIR ASSOCIATED FIRE-RATINGS, INCLUDING BUT NOT LIMITED TO ALL ASSOCIATED EXISTING FIRE-RATED OPENINGS, ALL ASSOCIATED EXISTING FIRE-RATED PENETRATIONS, AND ALL ASSOCIATED EXISTING FIRE-RATED FIRE STOPPING CONDITIONS.
20. WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, DETERMINE THE NATURE AND EXTENT OF THE CONFLICT AND NOTIFY THE ARCHITECT IMMEDIATELY FOR RESOLUTION.
21. REMOVE, PATCH, AND REPAIR ALL ABANDONED ROOF PENETRATIONS RESULTING FROM WORK.
22. SAW-CUT AND REMOVE EXISTING FLOOR FINISHES AND FLOOR SLAB AS REQUIRED TO INSTALL NEW FIXTURES, ITEMS, AND OR DEVISES FOR ALL SCOPE-OF-WORK PERTAINING TO NEW MECHANICAL WORK, NEW PLUMBING UTILITIES, NEW PLUMBING WORK, NEW ELECTRICAL WORK, AND NEW TECHNOLOGY WORK. SPLICE NEW REINFORCING BARS DOWELED INTO EXISTING CONCRETE AND PROVIDE NEW VAPOR RETARDER AND NEW CONTINUOUS WATERSTOPS AT JOINT BETWEEN NEW CONCRETE FLOOR SLAB AND EXISTING CONCRETE FLOOR SLAB. PATCH WITH NEW 3,500 PSI MINIMUM CONCRETE AND PREPARE FLOOR, INCLUDING NEW CONCRETE, TO RECEIVE NEW FLOOR FINISHES. COORDINATE WITH STRUCTURAL.
23. EXISTING WALLS (OR PORTIONS OF WALLS) TO BE REMOVED SHALL BE CUT FLUSH WHERE INTERSECTING WITH WALLS TO REMAIN. REMAINING WALLS TO BE PATCHED AND FINISHED SMOOTH.
24. NEW OPENINGS TO BE CUT IN EXISTING WALLS SHALL BE SAW-CUT AT LOCATIONS INDICATED TO THE HEIGHT AND WIDTH INDICATED. NEW LINTELS SHALL BE INSTALLED TO SUPPORT EXISTING WALL CONSTRUCTION ABOVE AS INDICATED ON THE DRAWINGS, OR IF NOT INDICATED, AS REQUIRED FOR NEW WALL CONSTRUCTION PER STRUCTURAL DRAWINGS. COORDINATE LOCATIONS OF ALL NEW OPENINGS IN EXISTING WALLS AND PARTITIONS WITH ARCHITECTURAL PLANS.
25. WHERE EXISTING WALL OPENINGS ARE TO BE NEWLY CLOSED-OFF, REMOVE ANY EXISTING OPENING FRAME AND PATCH AND REPAIR EXISTING WALL TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES, U.N.O.
26. WHERE EXISTING INTERIOR WALLS ARE REPLACED OR REMOVED, REMOVE MEPT SYSTEMS BACK TO PANEL, OR MECHANICAL ROOM, OR FARTHEST POSSIBLE POINT WITHOUT DISTURBING EXISTING CONSTRUCTION. REMOVE EXISTING MECHANICAL EQUIPMENT, RELOCATE POWER PER MEPT DRAWINGS.
27. REFER TO MEPT DRAWINGS FOR DEMOLITION OF MEPT SYSTEMS. IDENTIFY WORK REQUIRED BY THIS CONTRACTOR WHICH MAY AFFECT DEMOLITION AND OR REPAIRS OF ARCHITECTURAL ELEMENTS. COORDINATE WITH RELATED SUBCONTRACTORS THE EXTENT OF ALL DEMOLITION WORK.
28. PATCH FLOORS, WALLS CEILINGS WHICH REMAIN AT LOCATIONS WHERE PIPES, CONDUITS, ETC. ARE REMOVED AS REQUIRED TO MATCH EXISTING CONDITIONS OR TO RECEIVE NEW FINISHES.
29. WHERE EXISTING FINISH FLOOR IS REMOVED, PREPARE FLOOR SURFACE TO RECEIVE NEW FLOORING.
30. ALL DASHED LINES ARE DEMOLITION LINES U.N.O.

KEYNOTE LEGEND

NUMBER	DESCRIPTION
02 41 00.D2	DEMOLISH AND PREPARE FOR NEW CONSTRUCTION

ALTERNATE NOTES

ALTERNATE 05 - DEDUCTIVE ALTERNATE - AREA C:
DEMOLITION TO AREA C AS SHOWN ON DRAWINGS WILL APPLY TO BOTH BASE BID AND ALTERNATE 05 WITH THE EXCEPTION OF EXTERIOR STOREFRONT. EXTERIOR STOREFRONT AT AREA C WILL NOT BE DEMOLISHED IF ALTERNATE 05 IS SELECTED.

DEMOLITION PLAN LEGEND

- EXISTING TO REMAIN
- REMOVE CARPET AND RUBBER BASE
- REMOVE CARPET, FLOOR TILE, AND RUBBER BASE, PREPARE FLOOR FOR NEW FLOORING
- DEMOLISH DOOR
- DEMOLISH WALL
- DEMOLISH WINDOW
- TB — EXISTING TACK BOARDS TO BE REMOVED, SALVAGE, RECOVER AND REINSTALL
- REMOVE ALL GRAPHIC FILM ON TOP PORTION OF GLASS WALLS (FROSTED "SOLID" FILM TO REMAIN ON LOWER PORTION)
- LARGE DIMENSIONAL LETTER SIGNAGE TO BE REMOVED AND SALVAGED FOR REINSTALLATION
- F.E.C. — SALVAGE ALL FEC CABINETS AND EXTINGUISHERS FOR REUSE - PATCH TO MATCH EXISTING ADJACENT MATERIALS
- GB — GLASSBOARD TO BE REMOVED, SALVAGED, AND RETURNED TO OWNER. PATCH AND REPAIR WALL

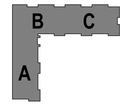
RBK

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TX FIRM: BR 1608
SAN ANTONIO, TX
210.829.0123

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE
2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130
CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN TRUE



09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

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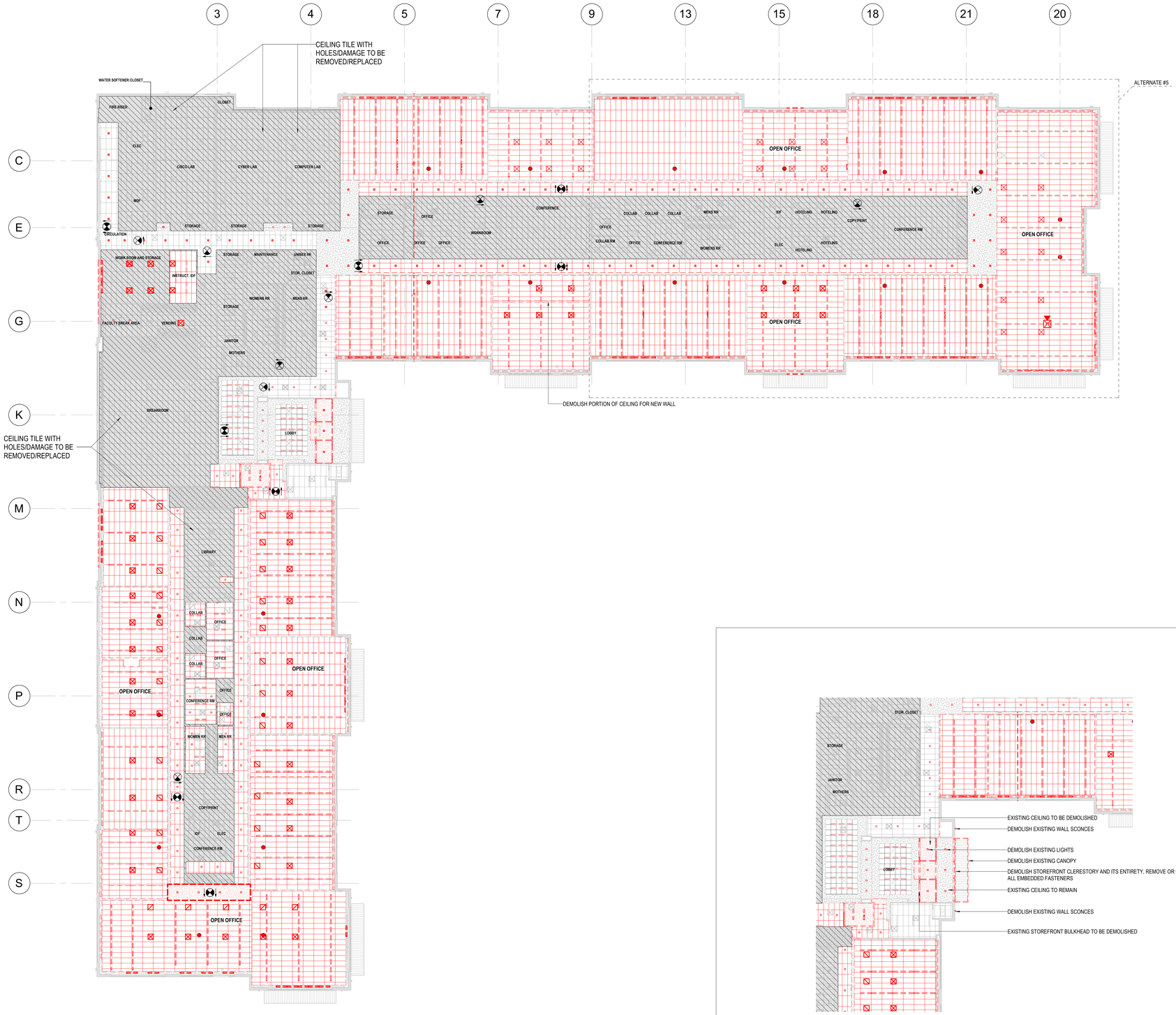
LEVEL 1 - OVERALL DEMOLITION FLOOR PLAN

AD101

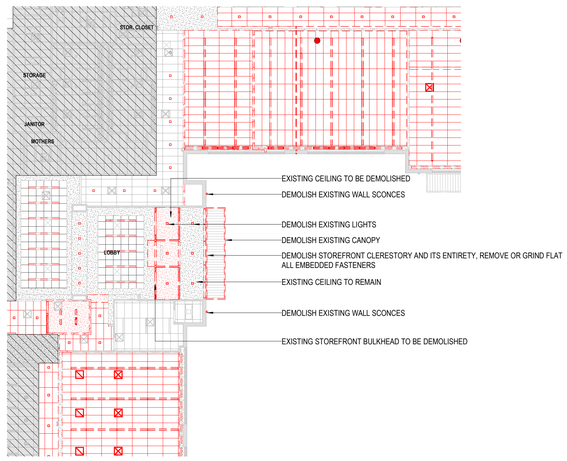
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LEVEL 1 - OVERALL DEMOLITION CEILING PLAN
AD201
FOR BLUEBEAM LABELING/OCR:

0"
1"



01 LEVEL 1 - OVERALL DEMOLITION REFLECTED CEILING PLAN
1/16" = 1'-0"



2 DEMOLITION REFLECTED CEILING PLAN - ALTERNATE#1
1/16" = 1'-0"

GENERAL ARCH DEMOLITION NOTES

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30. ALL DASHED LINES ARE DEMOLITION LINES U.N.O.

ALTERNATE NOTES

ALTERNATE 04:
FOR THE FOLLOWING ROOMS ONLY: CHEMISTRY LAB S131, BIOLOGY 1 S127, AND BIOLOGY 2 124 - REMOVE EXISTING GYPSUM FURRDOWNS THAT SEPARATE THE DIFFERENT CEILING HEIGHTS AND INSTALL NEW GRID AND TILES AT 11'-10" ACROSS ENTIRE LAB

ALTERNATE 05 - DEDUCTIVE ALTERNATE - AREA C:
DEMOLITION TO AREA C AS SHOWN ON DRAWINGS WILL APPLY TO BOTH BASE BID AND ALTERNATE 05.

DEMOLITION CEILING LEGEND

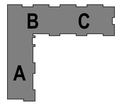
- EXISTING BUILDING
- REMOVE/REPLACE CEILING TILES WITH HOLES/DAMAGE. NO WORK ABOVE CEILING.
- FLAT PANEL DISPLAY SUPPORT POST TO BE REMOVED
- RETURN AIR DEVICE TO BE REMOVED
- AIR SUPPLY DEVICE TO BE REMOVED
- AIR EXHAUST DEVICE TO BE REMOVED
- CEILING ACCESS PANEL TO BE REMOVED
- CEILING ACCESS PANEL TO REMAIN
- EXISTING 2X4 CEILING TILE, GRID AND LIGHTING FIXTURES TO BE REMOVED. EXISTING TILE AND FIXTURES THAT ARE UNDAMAGED TO BE SALVAGED AND REINSTALLED IN NEW CEILING GRID. *REF. MEPT DRAWINGS FOR NEW EQUIPMENT, AND REF. MEPT DEMO DRAWINGS FOR ADDITIONAL EQUIPMENT TO BE SALVAGED.*
- EXISTING FLAT PANEL DISPLAY TO BE SALVAGED AND RETURNED TO OWNER
- DEMOLISH WALL
- DEMOLISH WINDOW
- LIGHT FIXTURE TO BE REMOVED
- LIGHT FIXTURE TO REMAIN
- LIGHT FIXTURES TO BE REMOVED AND SALVAGED
- DIFFUSER DEVICE TO BE REMOVED
- DIFFUSER DEVICE TO REMAIN

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE
2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130
CLIENT PROJECT NO: 250033
ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN TRUE



09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

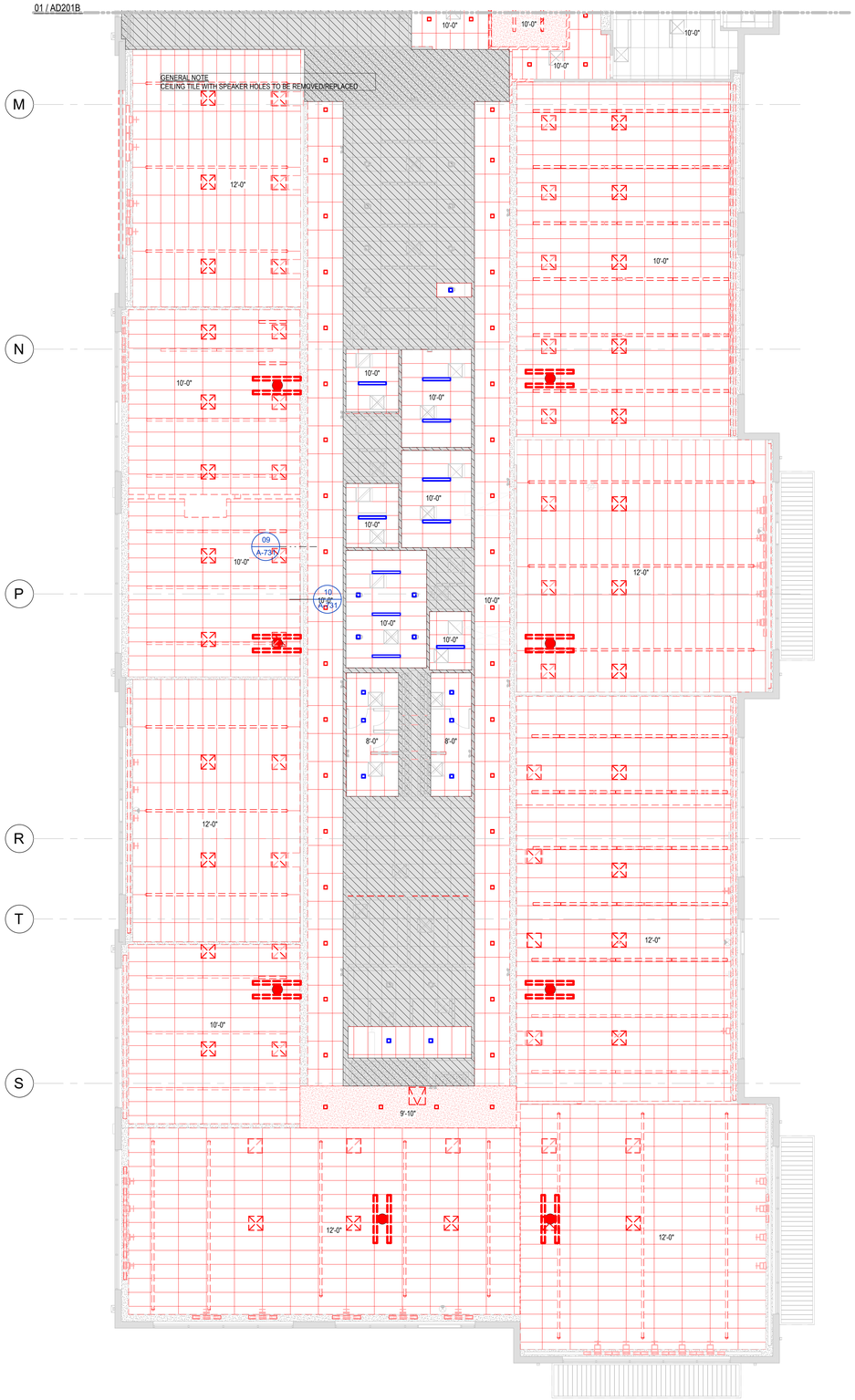
CHECKED BY: Checker
DRAWN BY: Author

LEVEL 1 - OVERALL DEMOLITION CEILING PLAN

AD201

0"
1"

LEVEL 1 - AREA A DEMOLITION CEILING PLAN
AD201A
FOR BLUEBEAM LABELING/OCR:



01 LEVEL 1 - AREA A DEMOLITION CEILING PLAN
1/8" = 1'-0"

GENERAL ARCH DEMOLITION NOTES

1. DEMOLITION PLANS INDICATE SOME OF THE SCOPE-OF-WORK INVOLVED FOR THE DEMOLITION PHASE OF THIS PROJECT. CONTRACTOR SHALL REVIEW ALL SHEETS FOR ADDITIONAL DEMOLITION SCOPE.
2. CONTRACTOR SHALL VERIFY EXISTING SITE AND BUILDING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO DEMOLITION ACTIVITIES AND WORK.
3. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY DISCREPANCIES IN WRITING.
4. CONTRACTOR SHALL NOTIFY ARCHITECT AND OWNER OF ANY POSSIBLE ASBESTOS CONTAINING MATERIALS DISCOVERED BEFORE PROCEEDING WITH WORK.
5. PROTECT INTERIOR CONSTRUCTION TO REMAIN DURING DEMOLITION AND CONSTRUCTION.
6. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCING WORK.
7. AFTER AWARD OF THE CONTRACT, CHANGE ORDER REQUESTS FOR ADDITIONAL COMPENSATION WILL NOT BE APPROVED IF THE WORK COULD HAVE BEEN ANTICIPATED DURING A SITE VISIT BY THE CONTRACTOR.
8. CONTRACTOR SHALL NOT SCALE DRAWINGS.
9. CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY SHORING, TEMPORARY BRACING, AND OR TEMPORARY SUPPORTS AS REQUIRED TO MAINTAIN STRUCTURAL INTEGRITY OF EXISTING STRUCTURE TO REMAIN AND OR EXISTING BUILDING ELEMENTS TO REMAIN.
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12. CONTRACTOR SHALL REMOVE TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
13. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION OF TEMPORARY DUST AND OR SOUND PARTITION BETWEEN CONSTRUCTION AREA AND AREAS NOT IN SCOPE AS NECESSARY. DEMOLITION ACTIVITIES SHALL BE PERFORMED SO AS TO PRODUCE MINIMAL DISTURBANCE TO EXISTING FACILITY AND OCCUPANTS (I.E. MINIMIZE EXCESSIVE AND PROLONGED NOISE LEVELS AND DUST).
14. ALL EXISTING EQUIPMENT THAT REMAINS SHALL BE PROTECTED DURING DEMOLITION AND OR CONSTRUCTION TO PREVENT DAMAGE. ANY DAMAGE TO REMAINING EXISTING EQUIPMENT SUSTAINED DURING DEMOLITION AND OR CONSTRUCTION SHALL BE EQUIVALENTLY REPLACED OR EQUIVALENTLY REPAIRED AT NO COST TO THE OWNER.
15. OWNER HAS RIGHT OF FIRST REFUSAL OF ALL ITEMS REMOVED AS PART OF THE SCOPE OF WORK, WHETHER IDENTIFIED AS SALVAGE OR NOT.
16. NOTIFY THE BUILDING OWNER OF ANY MATERIALS, FIXTURES, ETC. TO BE REMOVED THAT ARE DEEMED SALVAGEABLE. TURN OVER ANY REQUESTED ITEMS TO THE BUILDING OWNER IN GOOD AND CLEAN CONDITION.
17. ALL FURNITURE WILL BE REMOVED OR RELOCATED BY THE OWNER AS NECESSARY PRIOR TO THE COMMENCEMENT OF DEMOLITION WORK OF THIS PROJECT. CONTRACTOR SHALL COORDINATE WITH OWNER AS REQUIRED.
18. REMOVE EXISTING CONSTRUCTION TO THE EXTENT INDICATED ON THE DRAWINGS. SHOULD ANY DAMAGE OCCUR TO ANY EXISTING CONSTRUCTION TO REMAIN, THE CONTRACTOR SHALL REPAIR THE DAMAGE TO MATCH EXISTING AND OR ADJACENT CONSTRUCTION AT NO COST TO THE OWNER.
19. MAINTAIN ANY AND ALL EXISTING FIRE-RATED ASSEMBLIES THAT ARE TO REMAIN, AND THEIR ASSOCIATED FIRE-RATINGS, INCLUDING BUT NOT LIMITED TO ALL ASSOCIATED EXISTING FIRE-RATED OPENINGS; ALL ASSOCIATED EXISTING FIRE-RATED PENETRATIONS, AND ALL ASSOCIATED EXISTING FIRE-RATED FIRE STOPPING CONDITIONS.
20. WHEN UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH THE INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, DETERMINE THE NATURE AND EXTENT OF THE CONFLICT AND NOTIFY THE ARCHITECT IMMEDIATELY FOR RESOLUTION.
21. REMOVE, PATCH, AND REPAIR ALL ABANDONED ROOF PENETRATIONS RESULTING FROM WORK.
22. SAW-CUT AND REMOVE EXISTING FLOOR FINISHES AND FLOOR SLAB AS REQUIRED TO INSTALL NEW FIXTURES, ITEMS, AND OR DEVISES FOR ALL SCOPE-OF-WORK PERTAINING TO NEW MECHANICAL WORK, NEW PLUMBING UTILITIES, NEW PLUMBING WORK, NEW ELECTRICAL WORK, AND NEW TECHNOLOGY WORK. SPLICE NEW REINFORCING BARS DOWELED INTO EXISTING CONCRETE AND PROVIDE NEW VAPOR RETARDER AND NEW CONTINUOUS WATERSTOPS AT JOINT BETWEEN NEW CONCRETE FLOOR SLAB AND EXISTING CONCRETE FLOOR SLAB. PATCH WITH NEW 3,500 PSI MINIMUM CONCRETE AND PREPARE FLOOR, INCLUDING NEW CONCRETE, TO RECEIVE NEW FLOOR FINISHES. COORDINATE WITH STRUCTURAL.
23. EXISTING WALLS (OR PORTIONS OF WALLS) TO BE REMOVED SHALL BE CUT FLUSH WHERE INTERSECTING WITH WALLS TO REMAIN. REMAINING WALLS TO BE PATCHED AND FINISHED SMOOTH.
24. NEW OPENINGS TO BE CUT IN EXISTING WALLS SHALL BE SAW-CUT AT LOCATIONS INDICATED TO THE HEIGHT AND WIDTH INDICATED. NEW LINTELS SHALL BE INSTALLED TO SUPPORT EXISTING WALL CONSTRUCTION ABOVE AS INDICATED ON THE DRAWINGS, OR IF NOT INDICATED, AS REQUIRED FOR NEW WALL CONSTRUCTION PER STRUCTURAL DRAWINGS. COORDINATE LOCATIONS OF ALL NEW OPENINGS IN EXISTING WALLS AND PARTITIONS WITH ARCHITECTURAL PLANS.
25. WHERE EXISTING WALL OPENINGS ARE TO BE NEWLY CLOSED-OFF, REMOVE ANY EXISTING OPENING FRAME AND PATCH AND REPAIR EXISTING WALL TO MATCH EXISTING ADJACENT MATERIALS AND FINISHES, U.N.O.
26. WHERE EXISTING INTERIOR WALLS ARE REPLACED OR REMOVED, REMOVE MEPT SYSTEMS BACK TO PANEL, OR MECHANICAL ROOM, OR FARTHEST POSSIBLE POINT WITHOUT DISTURBING EXISTING CONSTRUCTION. REMOVE EXISTING MECHANICAL EQUIPMENT, RELOCATE POWER PER MEPT DRAWINGS.
27. REFER TO MEPT DRAWINGS FOR DEMOLITION OF MEPT SYSTEMS. IDENTIFY WORK REQUIRED BY THIS CONTRACTOR WHICH MAY AFFECT DEMOLITION AND OR REPAIRS OF ARCHITECTURAL ELEMENTS. COORDINATE WITH RELATED SUBCONTRACTORS THE EXTENT OF ALL DEMOLITION WORK.
28. PATCH FLOORS, WALLS CEILINGS WHICH REMAIN AT LOCATIONS WHERE PIPES, CONDUITS, ETC. ARE REMOVED AS REQUIRED TO MATCH EXISTING CONDITIONS OR TO RECEIVE NEW FINISHES.
29. WHERE EXISTING FINISH FLOOR IS REMOVED, PREPARE FLOOR SURFACE TO RECEIVE NEW FLOORING.
30. ALL DASHED LINES ARE DEMOLITION LINES U.N.O.

ALTERNATE NOTES

ALTERNATE 04:
FOR THE FOLLOWING ROOMS ONLY: CHEMISTRY LAB S131, BIOLOGY 1 S127, AND BIOLOGY 2 124 - REMOVE EXISTING GYPSUM FURRDOWNS THAT SEPARATE THE DIFFERENT CEILING HEIGHTS AND INSTALL NEW GRID AND TILES AT 11'-10" ACROSS ENTIRE LAB

DEMOLITION CEILING LEGEND

- EXISTING BUILDING
- REMOVE/REPLACE CEILING TILES WITH HOLES/DAMAGE. NO WORK ABOVE CEILING.
- FLAT PANEL DISPLAY SUPPORT POST TO BE REMOVED
- RETURN AIR DEVICE TO BE REMOVED
- AIR SUPPLY DEVICE TO BE REMOVED
- AIR EXHAUST DEVICE TO BE REMOVED
- CEILING ACCESS PANEL TO BE REMOVED
- CEILING ACCESS PANEL TO REMAIN
- EXISTING 2X4 CEILING TILE, GRID AND LIGHTING FIXTURES TO BE REMOVED. EXISTING TILE AND FIXTURES THAT ARE UNDAMAGED TO BE SALVAGED AND REINSTALLED IN NEW CEILING GRID. *REF. MEPT DRAWINGS FOR NEW EQUIPMENT. AND REF. MEPT DEMO DRAWINGS FOR ADDITIONAL EQUIPMENT TO BE SALVAGED.*
- EXISTING FLAT PANEL DISPLAY TO BE SALVAGED AND RETURNED TO OWNER
- DEMOLISH WALL
- DEMOLISH WINDOW
- LIGHT FIXTURE TO BE REMOVED
- LIGHT FIXTURE TO REMAIN
- LIGHT FIXTURES TO BE REMOVED AND SALVAGED
- DIFFUSER DEVICE TO BE REMOVED
- DIFFUSER DEVICE TO REMAIN

PBK
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TX FIRM: BR 1608
SAN ANTONIO, TX
210.829.0123

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE
2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130
CLIENT PROJECT NO: 250033
ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C
A

TRUE

REGISTERED ARCHITECT JESSICA BRIMER 29575 STATE OF TEXAS
09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

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No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

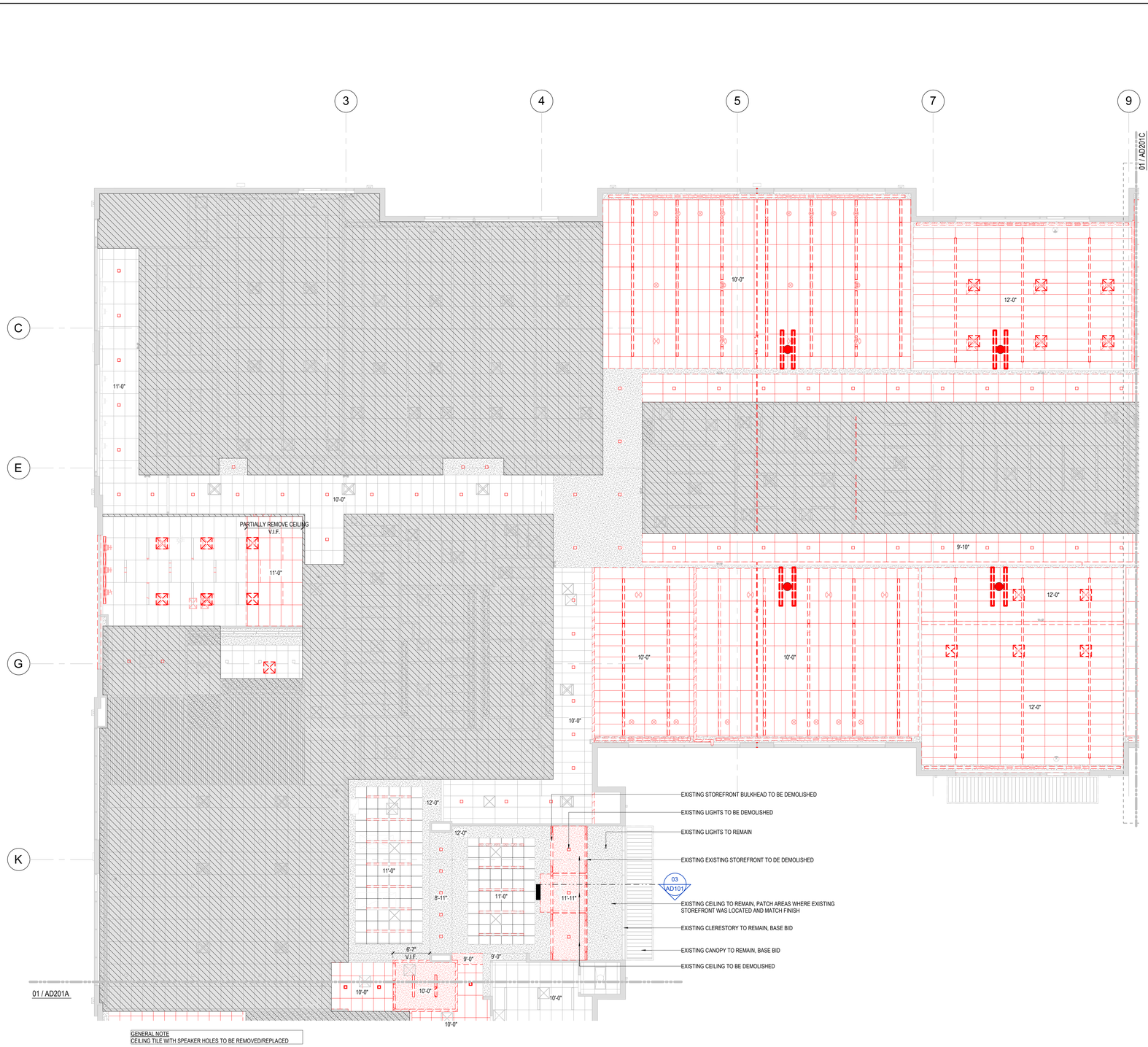
LEVEL 1 - AREA A DEMOLITION CEILING PLAN

AD201A

Plot Stamp:
9/24/2025 4:18:15 PM

LEVEL 1 - AREA B DEMOLITION CEILING PLAN
AD201B

FOR BLUEBEAM LABELING/OCR:



GENERAL NOTE
CEILING TILE WITH SPEAKER HOLES TO BE REMOVED/REPLACED

01 LEVEL 1 - AREA B DEMOLITION CEILING PLAN
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TX FIRM: BR 1608
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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

TRUE

REGISTERED ARCHITECT JESSICA BRADLEY 20575 STATE OF TEXAS

09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE 09/24/2025	PROJECT NUMBER 250033

DRAWING HISTORY

No.	Description	Date

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DRAWN BY: Author

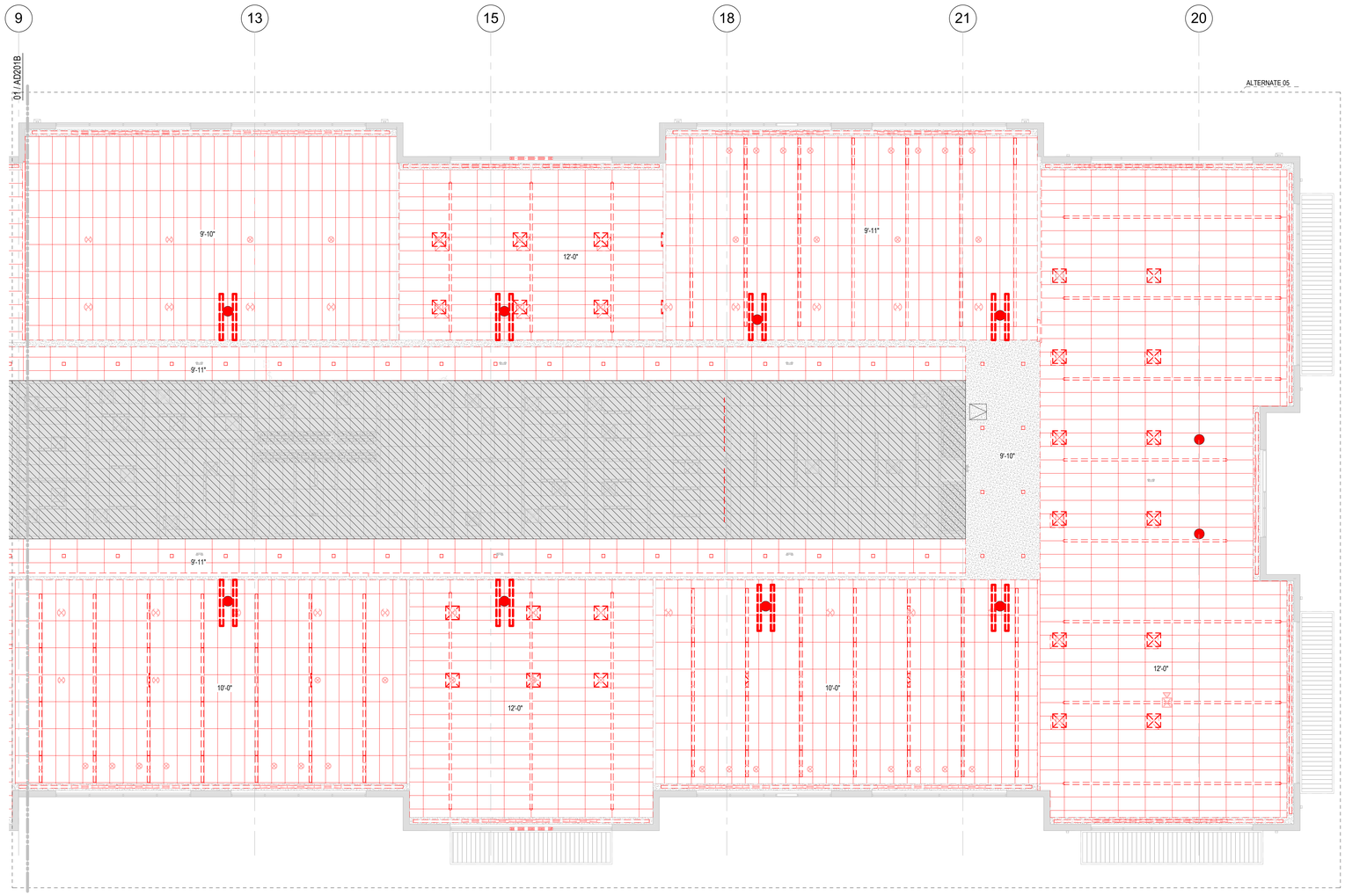
LEVEL 1 - AREA B DEMOLITION CEILING PLAN

AD201B

Plot Stamp:
9/24/2025 4:18:17 PM

0"
1"

LEVEL 1 - AREA C DEMOLITION CEILING PLAN
AD201C
FOR BLUEBEAM LABELING/OCR:



01 LEVEL 1 - AREA C DEMOLITION CEILING PLAN
1/8" = 1'-0"

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ALTERNATE NOTES

ALTERNATE 05 - DEDUCTIVE ALTERNATE - AREA C:
DEMOLITION TO AREA C AS SHOWN ON DRAWINGS WILL APPLY TO BOTH BASE BID AND ALTERNATE 05.

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- CEILING ACCESS PANEL TO REMAIN
- EXISTING 2X4 CEILING TILE, GRID AND LIGHTING FIXTURES TO BE REMOVED. EXISTING TILE AND FIXTURES THAT ARE UNDAMAGED TO BE SALVAGED AND REINSTALLED IN NEW CEILING GRID. *REF. MEPT DRAWINGS FOR NEW EQUIPMENT, AND REF. MEPT DEMO DRAWINGS FOR ADDITIONAL EQUIPMENT TO BE SALVAGED.*
- EXISTING FLAT PANEL DISPLAY TO BE SALVAGED AND RETURNED TO OWNER
- DEMOLISH WALL
- DEMOLISH WINDOW
- LIGHT FIXTURE TO BE REMOVED
- LIGHT FIXTURE TO REMAIN
- LIGHT FIXTURES TO BE REMOVED AND SALVAGED
- DIFFUSER DEVICE TO BE REMOVED
- DIFFUSER DEVICE TO REMAIN

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210-829-0123

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

TRUE

REGISTERED ARCHITECT JESSICA BRENT 20575 STATE OF TEXAS

09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

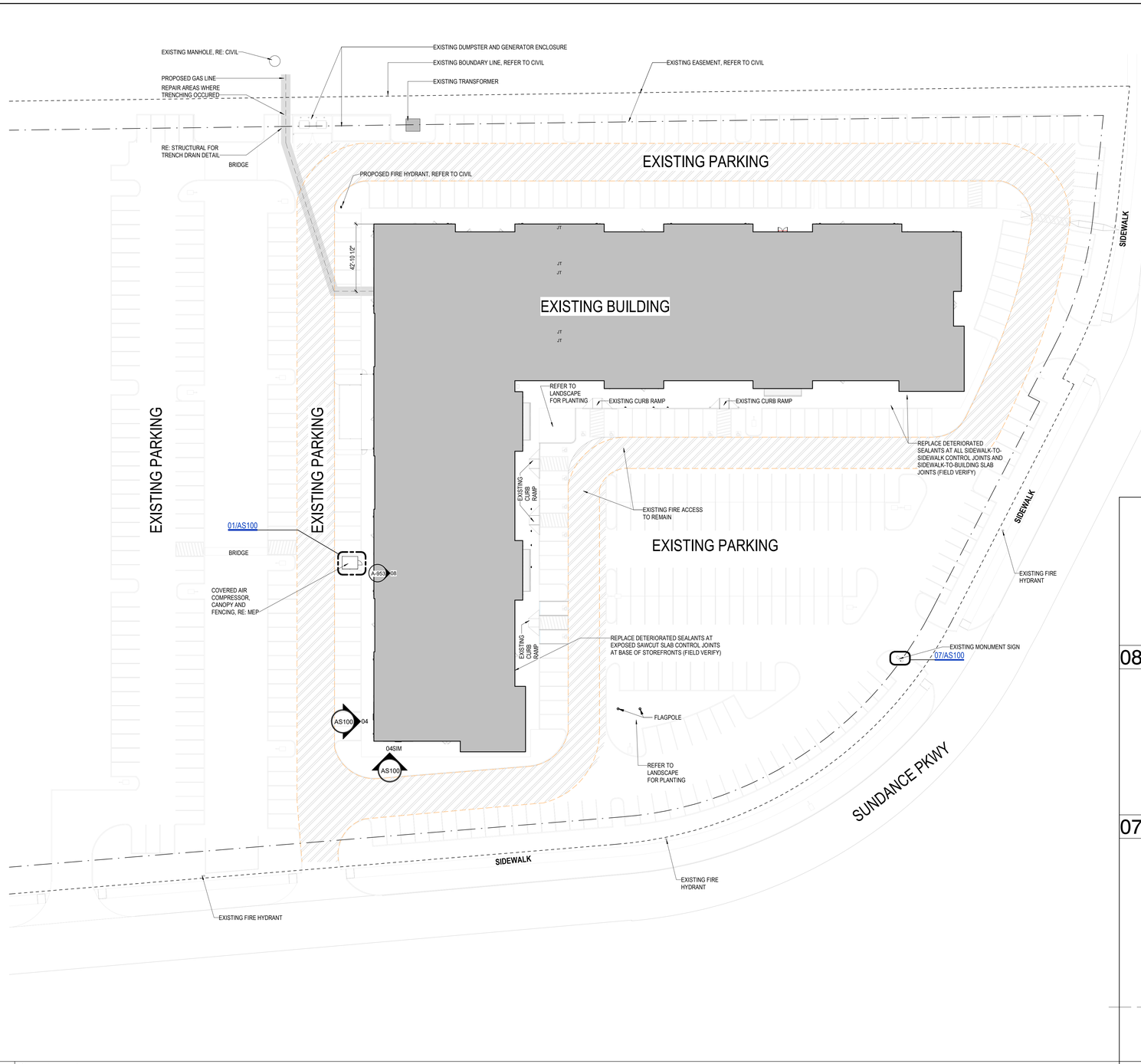
LEVEL 1 - AREA C DEMOLITION CEILING PLAN

AD201C

Plot Stamp:
9/24/2025 4:18:18 PM

OVERALL SITE PLAN
AS100
FOR BLUEBEAM LABELING/OCR:

0"
1"



06 OVERALL SITE PLAN
1" = 30'-0"

GENERAL SITE PLAN NOTES

1. REFER TO CIVIL DOCUMENTS.
2. COORDINATE ALL SPOT ELEVATIONS AND DIMENSIONS WITH CIVIL, LANDSCAPE, AND OR STRUCTURAL DOCUMENTS.
3. PROVIDE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS OF 1% MINIMUM, 2% MAXIMUM AT ALL EXTERIOR PAVED PEDESTRIAN AREAS, INCLUDING BUT NOT LIMITED TO SIDEWALKS, PATIOS, STAIRS, PAVING, U.N.O.
4. PROVIDE AND INSTALL POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS OF 5% FOR A HORIZONTAL DISTANCE OF 10 FEET AT ALL EXTERIOR NON-PAVED AREAS U.N.O.
5. REFER TO CIVIL DOCUMENTS FOR CONCRETE SIDEWALK EXPANSION JOINTS AND CONCRETE SIDEWALK CONTROL JOINTS.
6. VERIFY AND CONFIRM ALL JOINT LAYOUTS AT ALL CONCRETE SIDEWALKS WITH ARCHITECT PRIOR TO POURING OF CONCRETE.
7. PROVIDE AND INSTALL CONCRETE SIDEWALK EXPANSION JOINTS AT AREAS NOT SPECIFICALLY INDICATED AT 50 FEET ON-CENTER MAX. U.N.O.
8. PROVIDE AND INSTALL CONCRETE SIDEWALK CONTROL JOINTS AT AREAS NOT SPECIFICALLY INDICATED AT DISTANCES EQUIVALENT TO SIDEWALK WIDTH, BUT NOT TO EXCEED 10 FEET ON-CENTER MAX.
9. VERIFY ALL SITE SIGNAGE LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION OF SITE SIGNAGE.

PARKING COUNT		
PARKING TYPE	PARKING REQUIRED	PARKING ACTUAL
Accessible	7	7
Accessible Van	2	2
Standard	181	426
Total	190	435

TOTAL PARKING SPACES REQUIRED: 190

ACCESSIBLE PARKING SPACES, PER TAS TABLE 208.2
401 TO 500 PARKING SPACES REQUIRES A MINIMUM NUMBER OF 9 ACCESSIBLE SPACES, 1 OF 1 PARKING SPACES TO BE VAN ACCESSIBLE

FOR EVERY SIX OR FRACTION OF SIX PARKING SPACES REQUIRED, AT LEAST ONE SHALL BE A VAN PARKING SPACE

KEYNOTE LEGEND

NUMBER	DESCRIPTION
10 75 00.FPL	FLAGPOLE

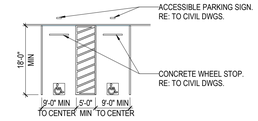
SITE PARKING LEGEND



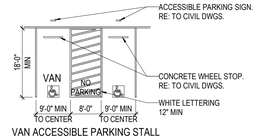
ADA PARKING STALL



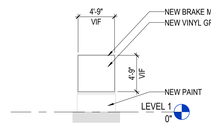
VAN ACCESSIBLE PARKING STALL



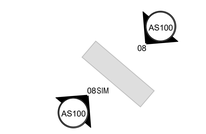
ADA PARKING STALL WITH AISLE



VAN ACCESSIBLE PARKING STALL WITH AISLE



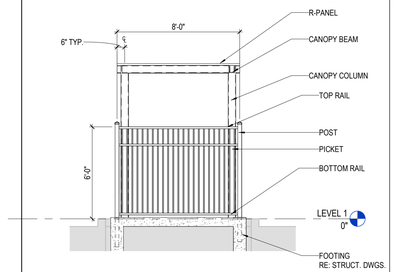
08 MONUMENT - ELEVATION
1/8" = 1'-0"



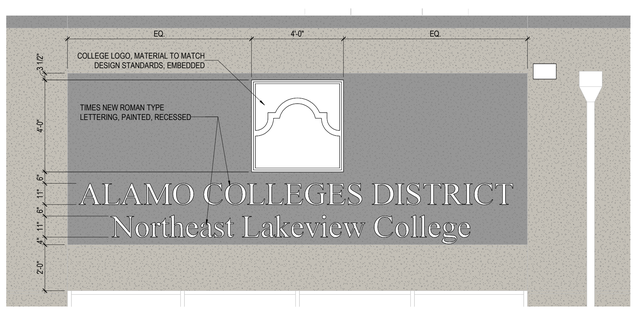
07 MONUMENT SIGN
1/4" = 1'-0"

SITE PLAN LEGEND

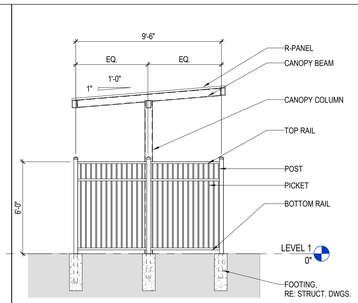
EXISTING BUILDING
EXISTING LIGHT POLE
FIRE LANE
ORNAMENTAL FENCE
EXISTING BOUNDARY LINE, REFER TO CIVIL
CHAIN LINK FENCE
EXISTING EASEMENT LINE / SETBACK, REFER TO CIVIL
PROPOSED GAS LINE



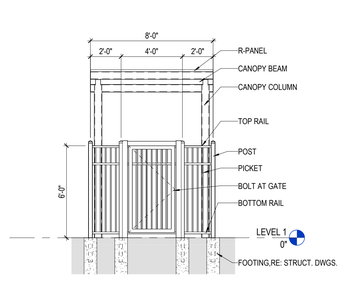
05 ELEVATION -FENCE AT AIR COMPRESSOR
1/4" = 1'-0"



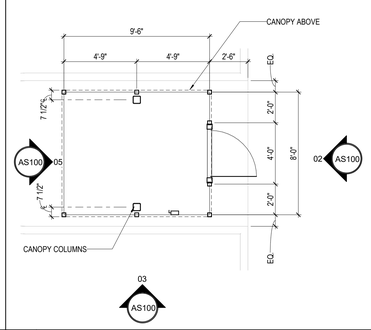
04 BUILDING SIGN
3/8" = 1'-0"



03 ELEVATION - FENCE AT AIR COMPRESSOR
1/4" = 1'-0"



02 ELEVATION - GATE AT AIR COMPRESSOR
1/4" = 1'-0"



01 ENLARGED PLAN - FENCE
1/4" = 1'-0"

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

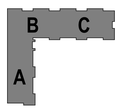
CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

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SAN ANTONIO, TX
210-829-0123

ALAMO COLLEGES DISTRICT

KEY PLAN
NORTH: PLAN TRUE



REGISTERED ARCHITECT
JESSICA BRENNER
20575
STATE OF TEXAS

09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

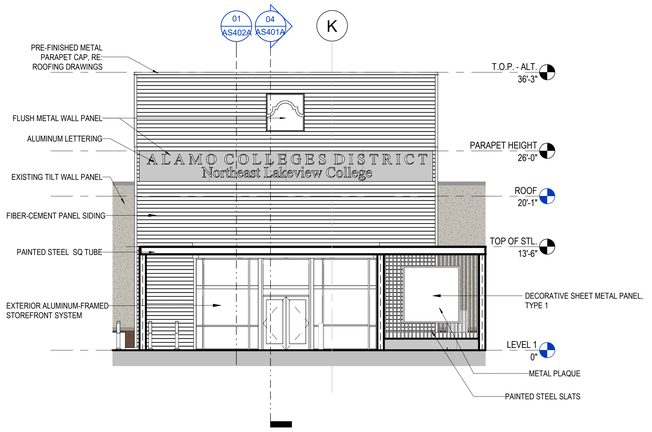
OVERALL SITE PLAN

AS100

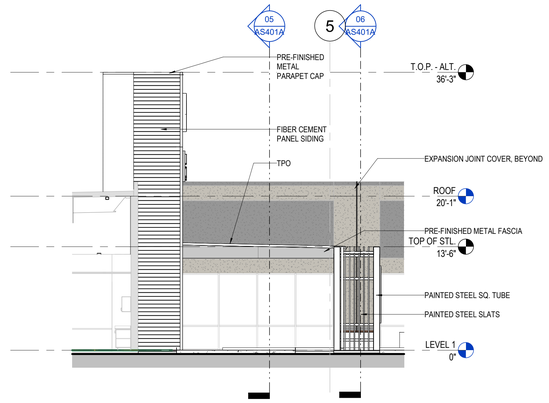
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ENLARGED SITE PLANS - ALTERNATE
AS401A
FOR BLUEBEAM LABELING/OCR:

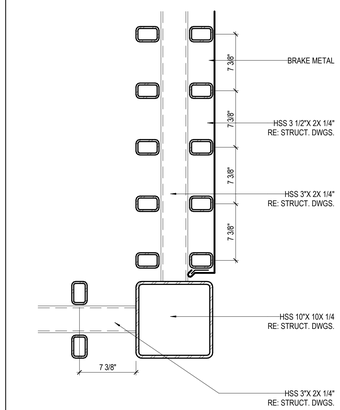
0"
1"



08 CANOPY FRONT ELEVATION - ALTERNATE 01
1/8" = 1'-0"



07 CANOPY SIDE ELEVATION - ALTERNATE 01
1/8" = 1'-0"



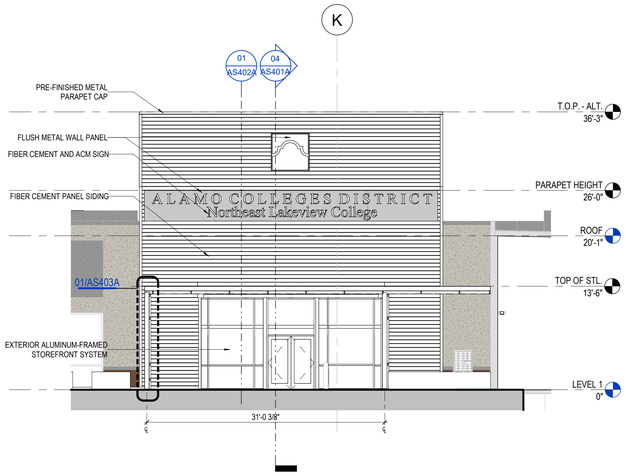
9 CANOPY - FLOOR PLAN - ALTERNATE 01 - Callout 1
1 1/2" = 1'-0"

GENERAL SITE PLAN NOTES

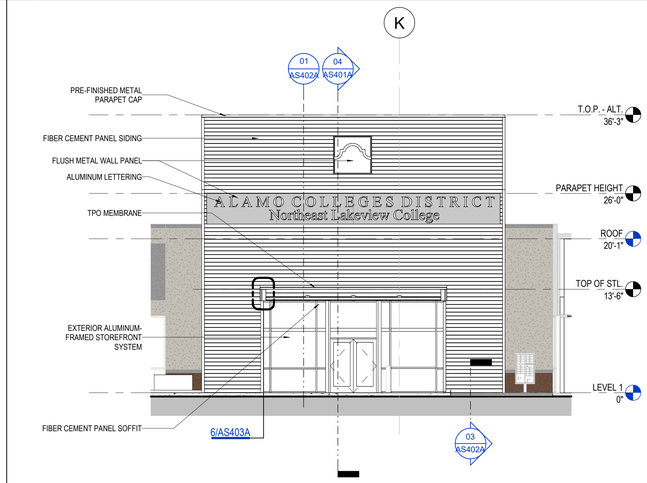
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4. PROVIDE AND INSTALL POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS OF 5% FOR A HORIZONTAL DISTANCE OF 10 FEET AT ALL EXTERIOR NON-PAVED AREAS U.N.O.
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7. PROVIDE AND INSTALL CONCRETE SIDEWALK EXPANSION JOINTS AT AREAS NOT SPECIFICALLY INDICATED AT 50 FEET ON-CENTER MAX. U.N.O.
8. PROVIDE AND INSTALL CONCRETE SIDEWALK CONTROL JOINTS AT AREAS NOT SPECIFICALLY INDICATED AT DISTANCES EQUIVALENT TO SIDEWALK WIDTH, BUT NOT TO EXCEED 10 FEET ON-CENTER MAX.
9. VERIFY ALL SITE SIGNAGE LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION OF SITE SIGNAGE.

KEYNOTE LEGEND

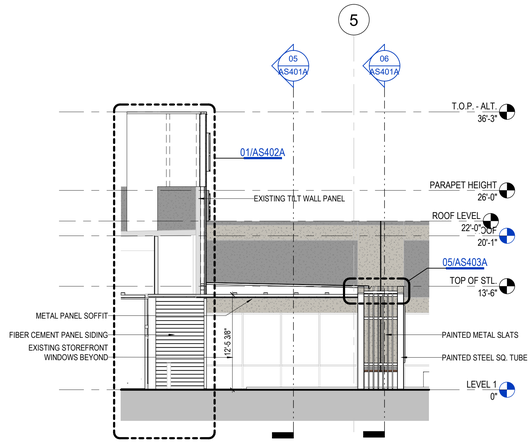
NUMBER	DESCRIPTION
05 75 00.DP1	DECORATIVE SHEET METAL PANEL, TYPE 1
07 46 46.PAN	FIBER-CEMENT PANEL SIDING
08 43 13.SFX	EXTERIOR ALUMINUM-FRAMED STOREFRONT SYSTEM



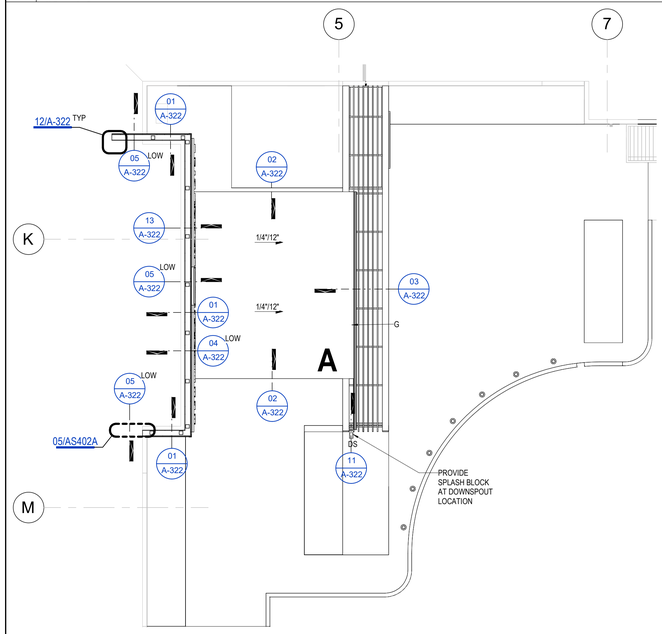
06 CANOPY SECTION - ALTERNATE 01
1/8" = 1'-0"



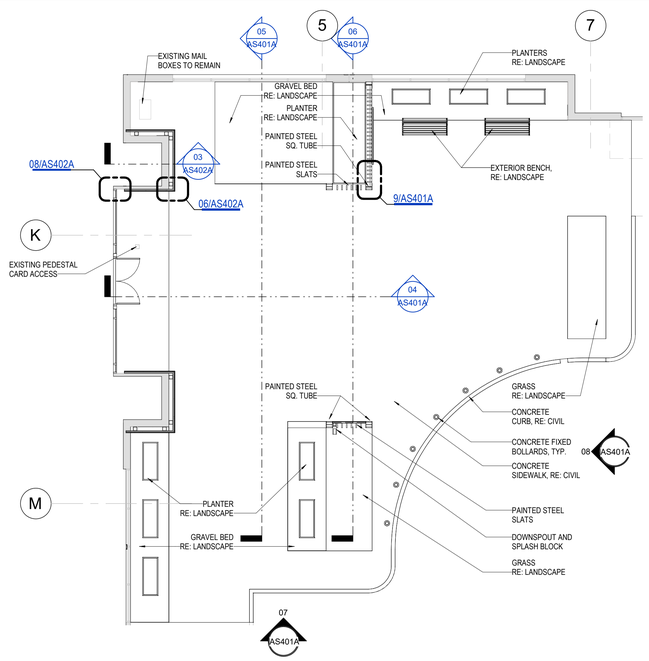
05 CANOPY SECTION - ALTERNATE 01
1/8" = 1'-0"



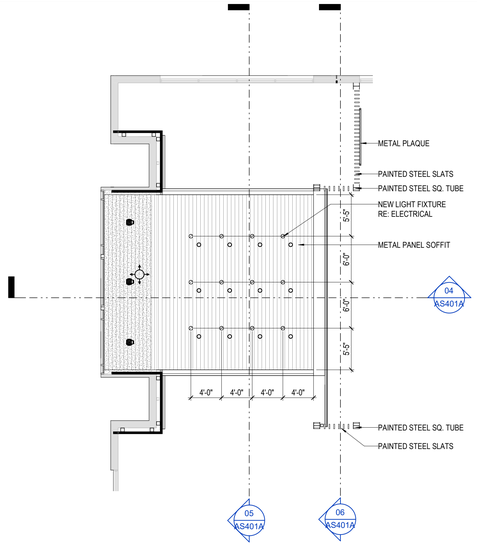
04 CANOPY SECTION - ALTERNATE 01
1/8" = 1'-0"



03 CANOPY - ROOF PLAN - ALTERNATE 01
1/8" = 1'-0"



02 CANOPY - FLOOR PLAN - ALTERNATE 01
1/8" = 1'-0"



01 CANOPY - CEILING PLAN - ALTERNATE 01
1/8" = 1'-0"

Plot Stamp:
9/24/2025 4:18:30 PM

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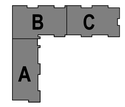
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN



09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

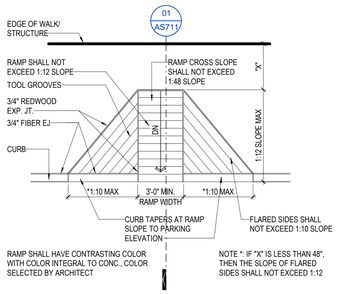
No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

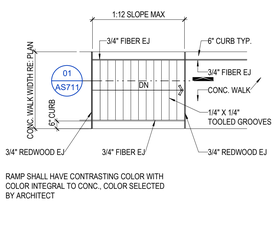
ENLARGED SITE PLANS - ALTERNATE

AS401A

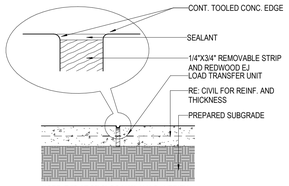
0"
1"



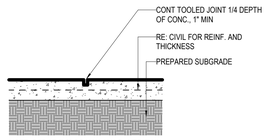
05 ACCESSIBILITY CURB RAMP
1/4" = 1'-0"



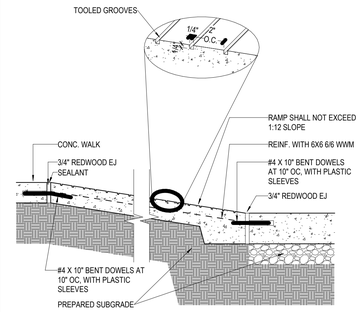
04 ACCESSIBLE RAMP PLAN
1/4" = 1'-0"



03 CONCRETE WALK EJ
1" = 1'-0"



02 CONCRETE WALK CJ
1" = 1'-0"



01 ACCESSIBLE CURB RAMP SECTION
1" = 1'-0"

SITE DETAILS
AS711
FOR BLUEBEAM LABELING/OCR:

Plot Stamp:
9/24/2025 4:18:30 PM

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210-829-0123

TX FIRM: BR 1608

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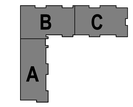
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN

REGISTERED ARCHITECT
JESSICA BRUNO
20575
STATE OF TEXAS

09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

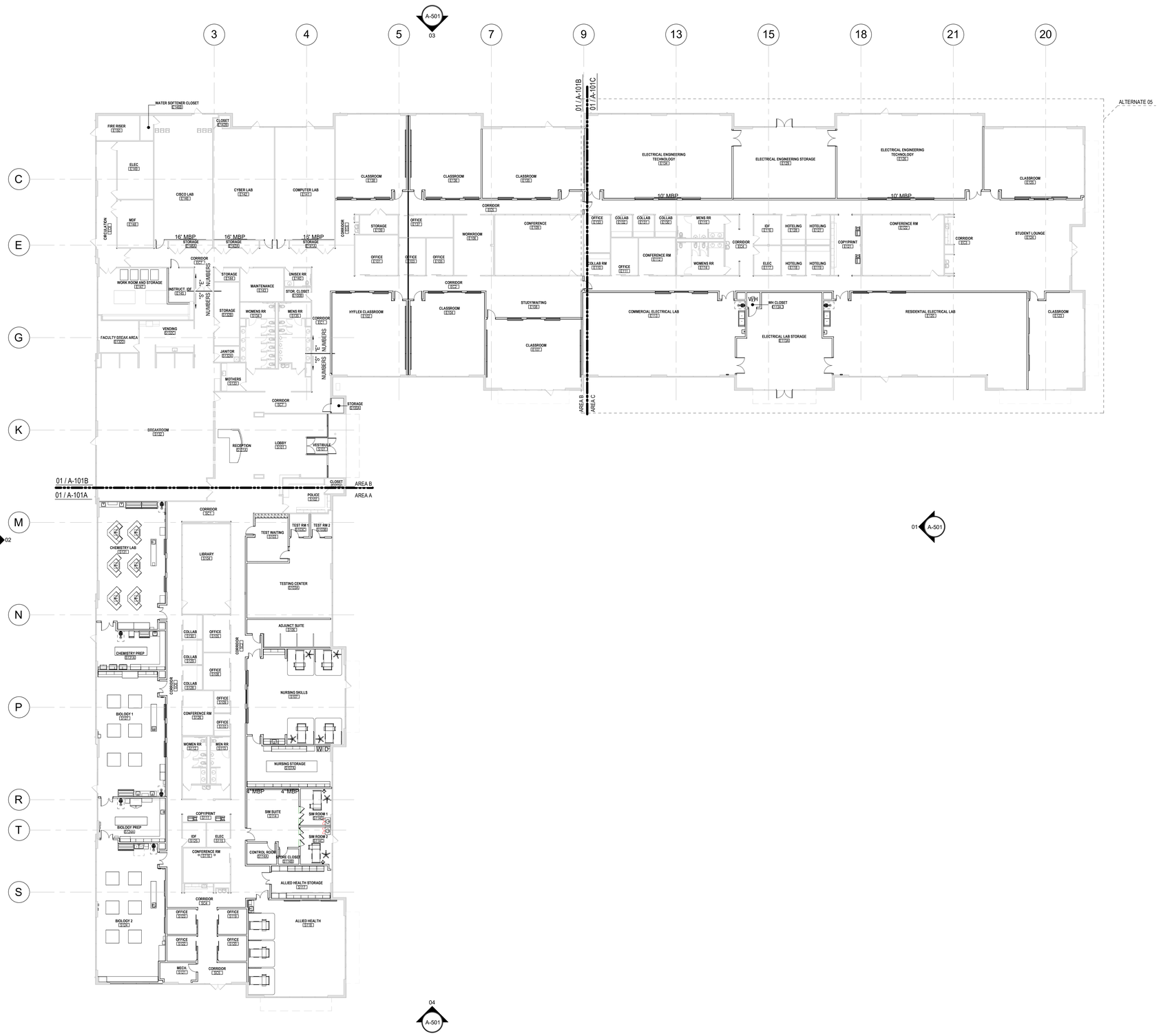
SITE DETAILS

AS711

LEVEL 1 - OVERALL FLOOR PLAN
A-101

FOR BLUEBEAM LABELING/OCR:

0"
1"



GENERAL ARCH PLAN NOTES

1. DO NOT SCALE DRAWINGS, WRITTEN DIMENSIONS TAKE PRECEDENCE, CONTACT ARCH IF CLARIFICATION IS NECESSARY IN ORDER TO DETERMINE THE INTENT OF THE CONTRACT DOCUMENTS.
2. DRAWINGS NOTED AS "N.T.S" OR "NTS" ARE NOT TO SCALE.
3. ALL DIMENSIONS ARE TO STRUCTURAL COLUMN LINES OR THE SURFACE OF PARTITION ASSEMBLY U.N.O.
4. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE COMMENCING WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH AFFECTED WORK.
5. NOTES OR DIMENSIONS NOTED AS "TYPICAL" OR "TYP." OR "TYP" SHALL APPLY TO CONDITIONS THAT ARE THE SAME OR SIMILAR.
6. DIMENSIONS NOTED AS "FIELD VERIFY" OR "V.I.F." OR "VIF" SHALL BE MEASURED AND CONFIRMED AT THE PROJECT SITE BY THE CONTRACTOR AND REVIEWED WITH THE ARCH. BEFORE INCORPORATING INTO THE WORK.
7. DIMENSIONS NOTED AS "CLEAR" OR "CLEAR INSIDE" OR "CLR" REQUIRE SPECIFIC COORDINATION AMONG DISCIPLINES AND OR MANUFACTURERS.
8. REFER TO PARTITION TYPES ON A-800 SERIES SHEETS.
9. ALL INTERIOR PARTITIONS THIS SHEET, EXCEPT FOR FURR-OUT PARTITIONS, SHALL BE PARTITION TYPE S6 U.N.O.
10. ALL INTERIOR FURR-OUT PARTITIONS THIS SHEET SHALL BE PARTITION TYPE F3 U.N.O.
11. ALIGN FINISHED FACE OF WALLS WHERE WALL PARTITIONS OF DIFFERING THICKNESS ABUT AND OR ADJOIN IN THE SAME PLANE.
12. PROVIDE AND INSTALL CONTINUOUS REVEAL TRIM AT JOINT WHERE GYPSUM BOARD WALL PARTITIONS ABUT AND OR ADJOIN MASONRY WALL PARTITIONS IN THE SAME PLANE.
13. ALL DOORS SHALL BE SET 4 INCHES OFF THE ADJACENT PERPENDICULAR WALL ON THE HINGE SIDE OF THE DOOR U.N.O., NOTIFY ARCH. OF ANY DOOR-RELATED CONFLICTS, INCLUDING BUT NOT LIMITED TO CONFLICTS CONCERNING ACCESSIBILITY STANDARDS.
14. ALL DOOR THRESHOLDS AT ALL EXTERIOR DOORS SHALL BE SET IN FULL BED OF SEALANT.
15. COORDINATE ALL ROOF DRAIN LEADER LOCATIONS WITH FLOOR PLAN PRIOR TO FLOOR SLAB CONSTRUCTION.
16. ALL FLOOR SLOPES TO FLOOR DRAINS SHALL NOT EXCEED 1:48.
17. PROVIDE AND INSTALL SELF-LEVELING UNDERLAYMENT WHERE UNEVEN FLOOR SLAB EXISTS PRIOR TO INSTALLATION OF FLOOR FINISHES.
18. COORDINATE HOUSEKEEPING PAD LOCATIONS AND DIMENSIONS WITH EQUIPMENT TO BE INSTALLED.
19. ALL REQUIRED ACCESSIBLE CLEARANCES FOR ALL ITEMS, INCLUDING BUT NOT LIMITED TO ALL COUNTER TOPS, ALL PLUMBING FIXTURES, ALL DRINKING FOUNTAINS, ALL ELECTRIC WATER COOLERS, ALL LAVATORIES, ALL URINALS, ALL TOILETS SHALL BE STRICTLY ENFORCED.
20. APPLY BITUMINOUS COATING TO ALL CONCEALED STRUCTURAL STEEL MEMBERS AT ALL EXTERIOR CANOPY LOCATIONS.
21. REFER TO OTHER DISCIPLINE DOCUMENTS FOR ADDITIONAL SCOPE OF WORK.

ALTERNATE NOTES

ALTERNATE 05 - DEDUCTIVE ALTERNATE - AREA C.
NO EXTERIOR STOREFRONT CHANGES TO AREA C, NO FINISHES, NO PARTITIONS. PROVIDE DOORS EC2.1 AND EC5.1, AND ASSOCIATED PARTITIONS, IF ALTERNATE 05 IS ACCEPTED.

01 LEVEL 1 - OVERALL FLOOR PLAN
1/16" = 1'-0"

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210-829-0123

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

KEY PLAN

NORTH: PLAN TRUE

REGISTERED ARCHITECT
JESSICA BRINKLEY
20575
STATE OF TEXAS

09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker

DRAWN BY: GP

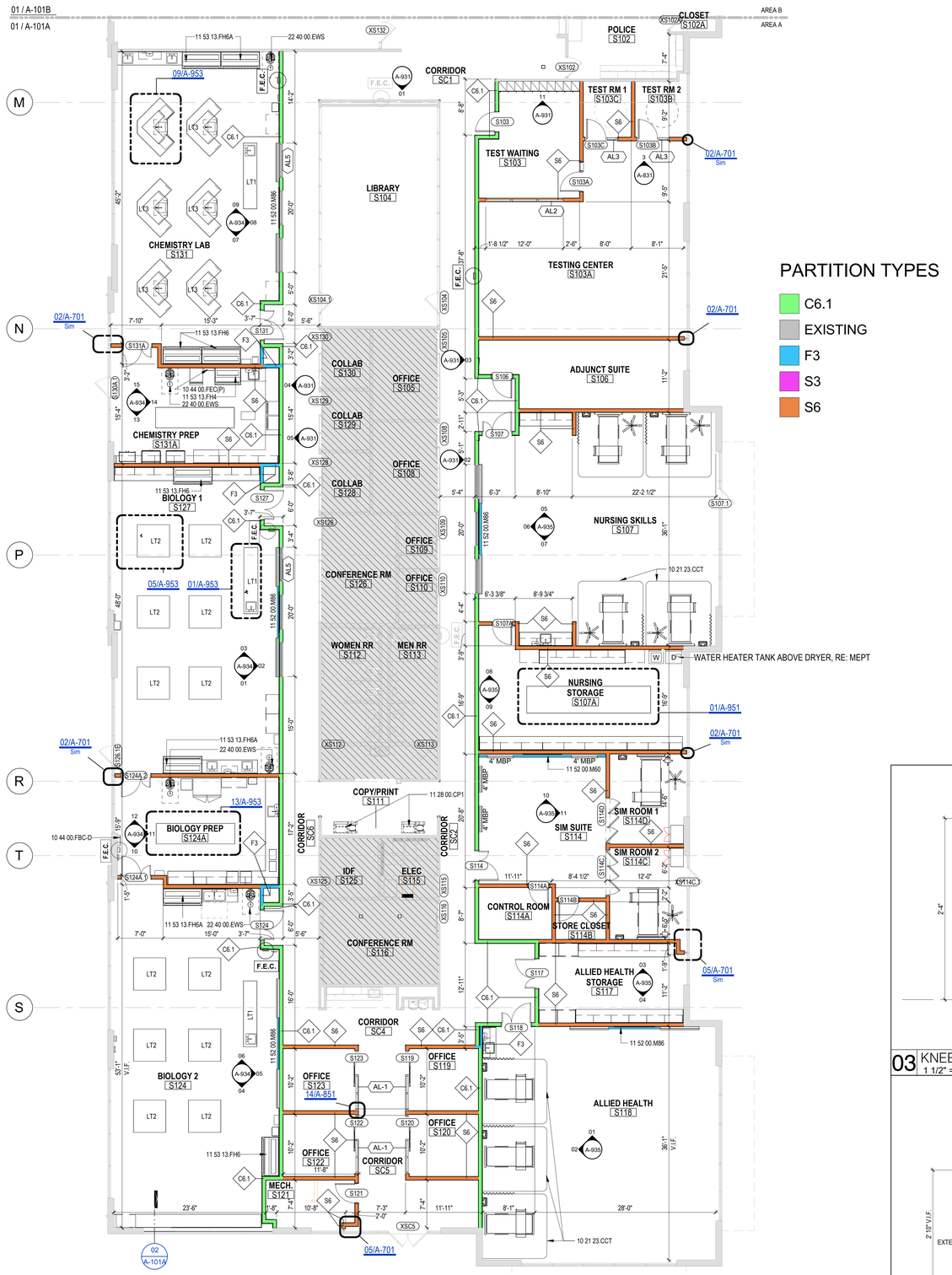
LEVEL 1 - OVERALL FLOOR PLAN

A-101

Plot Stamp:
9/24/2025 4:18:40 PM

LEVEL 1 - AREA A FLOOR PLAN
A-101A
FOR BLUEBEAM LABELING/OCR:

0"
1"



PARTITION TYPES

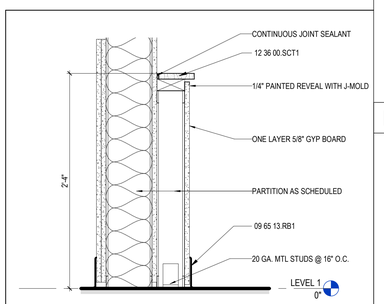
- C6.1
- EXISTING
- F3
- S3
- S6

GENERAL ARCH PLAN NOTES

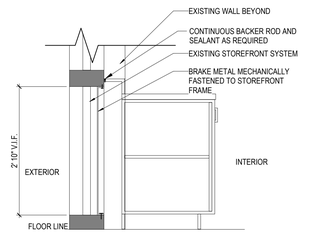
1. DO NOT SCALE DRAWINGS, WRITTEN DIMENSIONS TAKE PRECEDENCE, CONTACT ARCH IF CLARIFICATION IS NECESSARY IN ORDER TO DETERMINE THE INTENT OF THE CONTRACT DOCUMENTS.
2. DRAWINGS NOTED AS "N.T.S" OR "NTS" ARE NOT TO SCALE.
3. ALL DIMENSIONS ARE TO STRUCTURAL COLUMN LINES OR THE SURFACE OF PARTITION ASSEMBLY U.N.O.
4. FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS BEFORE COMMENCING WORK. NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH AFFECTED WORK.
5. NOTES OR DIMENSIONS NOTED AS "TYPICAL" OR "TYP." OR "TYP" SHALL APPLY TO CONDITIONS THAT ARE THE SAME OR SIMILAR.
6. DIMENSIONS NOTED AS "FIELD VERIFY" OR "V.I.F." OR "VIF" SHALL BE MEASURED AND CONFIRMED AT THE PROJECT SITE BY THE CONTRACTOR AND REVIEWED WITH THE ARCH. BEFORE INCORPORATING INTO THE WORK.
7. DIMENSIONS NOTED AS "CLEAR" OR "CLEAR INSIDE" OR "CLR" REQUIRE SPECIFIC COORDINATION AMONG DISCIPLINES AND OR MANUFACTURERS.
8. REFER TO PARTITION TYPES ON A-800 SERIES SHEETS.
9. ALL INTERIOR PARTITIONS THIS SHEET, EXCEPT FOR FURR-OUT PARTITIONS, SHALL BE PARTITION TYPE S6 U.N.O.
10. ALL INTERIOR FURR-OUT PARTITIONS THIS SHEET SHALL BE PARTITION TYPE F3 U.N.O.
11. ALIGN FINISHED FACE OF WALLS WHERE WALL PARTITIONS OF DIFFERING THICKNESS ABUT AND OR ADJOIN IN THE SAME PLANE.
12. PROVIDE AND INSTALL CONTINUOUS REVEAL TRIM AT JOINT WHERE GYPSUM BOARD WALL PARTITIONS ABUT AND OR ADJOIN MASONRY WALL PARTITIONS IN THE SAME PLANE.
13. ALL DOORS SHALL BE SET 4 INCHES OFF THE ADJACENT PERPENDICULAR WALL ON THE HINGE SIDE OF THE DOOR U.N.O., NOTIFY ARCH. OF ANY DOOR-RELATED CONFLICTS, INCLUDING BUT NOT LIMITED TO CONFLICTS CONCERNING ACCESSIBILITY STANDARDS.
14. ALL DOOR THRESHOLDS AT ALL EXTERIOR DOORS SHALL BE SET IN FULL BED OF SEALANT.
15. COORDINATE ALL ROOF DRAIN LEADER LOCATIONS WITH FLOOR PLAN PRIOR TO FLOOR SLAB CONSTRUCTION.
16. ALL FLOOR SLOPES TO FLOOR DRAINS SHALL NOT EXCEED 1:48
17. PROVIDE AND INSTALL SELF-LEVELING UNDERLAYMENT WHERE UNEVEN FLOOR SLAB EXISTS PRIOR TO INSTALLATION OF FLOOR FINISHES.
18. COORDINATE HOUSEKEEPING PAD LOCATIONS AND DIMENSIONS WITH EQUIPMENT TO BE INSTALLED.
19. ALL REQUIRED ACCESSIBLE CLEARANCES FOR ALL ITEMS, INCLUDING BUT NOT LIMITED TO ALL COUNTER TOPS, ALL PLUMBING FIXTURES, ALL DRINKING FOUNTAINS, ALL ELECTRIC WATER COOLERS, ALL LAVATORIES, ALL URINALS, ALL TOILETS SHALL BE STRICTLY ENFORCED.
20. APPLY BITUMINOUS COATING TO ALL CONCEALED STRUCTURAL STEEL MEMBERS AT ALL EXTERIOR CANOPY LOCATIONS.
21. REFER TO OTHER DISCIPLINE DOCUMENTS FOR ADDITIONAL SCOPE OF WORK.

KEYNOTE LEGEND

NUMBER	DESCRIPTION
07 92 00.BRS	CONTINUOUS BACKER ROD AND SEALANT AS REQUIRED
09 65 13.RB1	RESILIENT BASE, TYPE 1 - STANDARD RUBBER BASE
10 21 23.CCT	CUBICLE TRACK
10 44 00.FBC-D	DROP-TYPE FIRE BLANKET CABINET
10 44 00.FEC(P)	FIRE EXTINGUISHER CABINET, PARTIALLY-RECESSED
11 28 00.CP1	COPIER/PRINTER (OFCI)
11 52 00.M60	MONITOR, 60 " HD TV (OFCI)
11 52 00.M86	MONITOR, 86" HD TV (OFCI)
11 53 13.FH4	FUME HOOD, 4 FOOT LENGTH ACCESSIBLE
11 53 13.FH6	FUME HOOD, 6 FOOT LENGTH
11 53 13.FH6A	FUME HOOD, 6 FOOT LENGTH ACCESSIBLE
12 36 00.SCT1	SOLID SURFACING COUNTERTOP - WHITE
22 40 00.EWS	EMERGENCY EYEWASH AND SHOWER
LT1	LABORATORY TABLE, INSTRUCTOR
LT2	LABORATORY TABLE, BIOLOGY
LT3	LABORATORY TABLE, CHEMISTRY



03 KNEE WALL @ TEACHING WALLS
1 1/2" = 1'-0"



02 BREAK METAL DETAIL
1 1/2" = 1'-0"

FLOOR PLAN LEGEND

- 8' MBP — **10 11 00.MBP** PORCELAIN-ENAMEL MARKERBOARD — LENGTH
- 4' MB — **10 11 00.TKB** TACKBOARD — LENGTH
- CR — CARD READER REFER TO TECHNOLOGY
- F.E.C. — **10 44 00.FE#** FIRE EXTINGUISHER CABINET
- A.E.D. — **10 43 00.AED** AUTOMATED EXTERNAL DEFIBRILLATOR
- NOT IN SCOPE

PRINT SHEET IN COLOR

01 LEVEL 1 - AREA A FLOOR PLAN
1/8" = 1'-0"

Plot Stamp:
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210-829-0123

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

TRUE

REGISTERED ARCHITECT JESSICA BARNES 20575 STATE OF TEXAS
09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

LEVEL 1 - AREA A FLOOR PLAN

A-101A

LEVEL 1 - AREA B FLOOR PLAN
A-101B
FOR BLUEBEAM LABELING/OCR:

0"
1"



PARTITION TYPES

- C6.1
- EXISTING
- F3
- S3
- S6

GENERAL ARCH PLAN NOTES

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KEYNOTE LEGEND

NUMBER	DESCRIPTION
11 52 00.M86	MONITOR, 86" HD TV (OFCI)
11 53 13.FH6A	FUME HOOD, 6 FOOT LENGTH ACCESSIBLE
22 40 00.EWS	EMERGENCY EYEWASH AND SHOWER

FLOOR PLAN LEGEND

- 8' MBP — 10 11 00.MBP PORCELAIN-ENAMEL MARKERBOARD — LENGTH
- 4' MB — 10 11 00.TKB TACKBOARD — LENGTH
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- NOT IN SCOPE

PRINT SHEET IN COLOR

01 LEVEL 1 - AREA B FLOOR PLAN
1/8" = 1'-0"

Plot Stamp:
9/24/2025 4:18:51 PM

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

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ALAMO COLLEGES DISTRICT

B C A

TRUE

REGISTERED ARCHITECT JESSICA BRAUN 30575 STATE OF TEXAS
09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

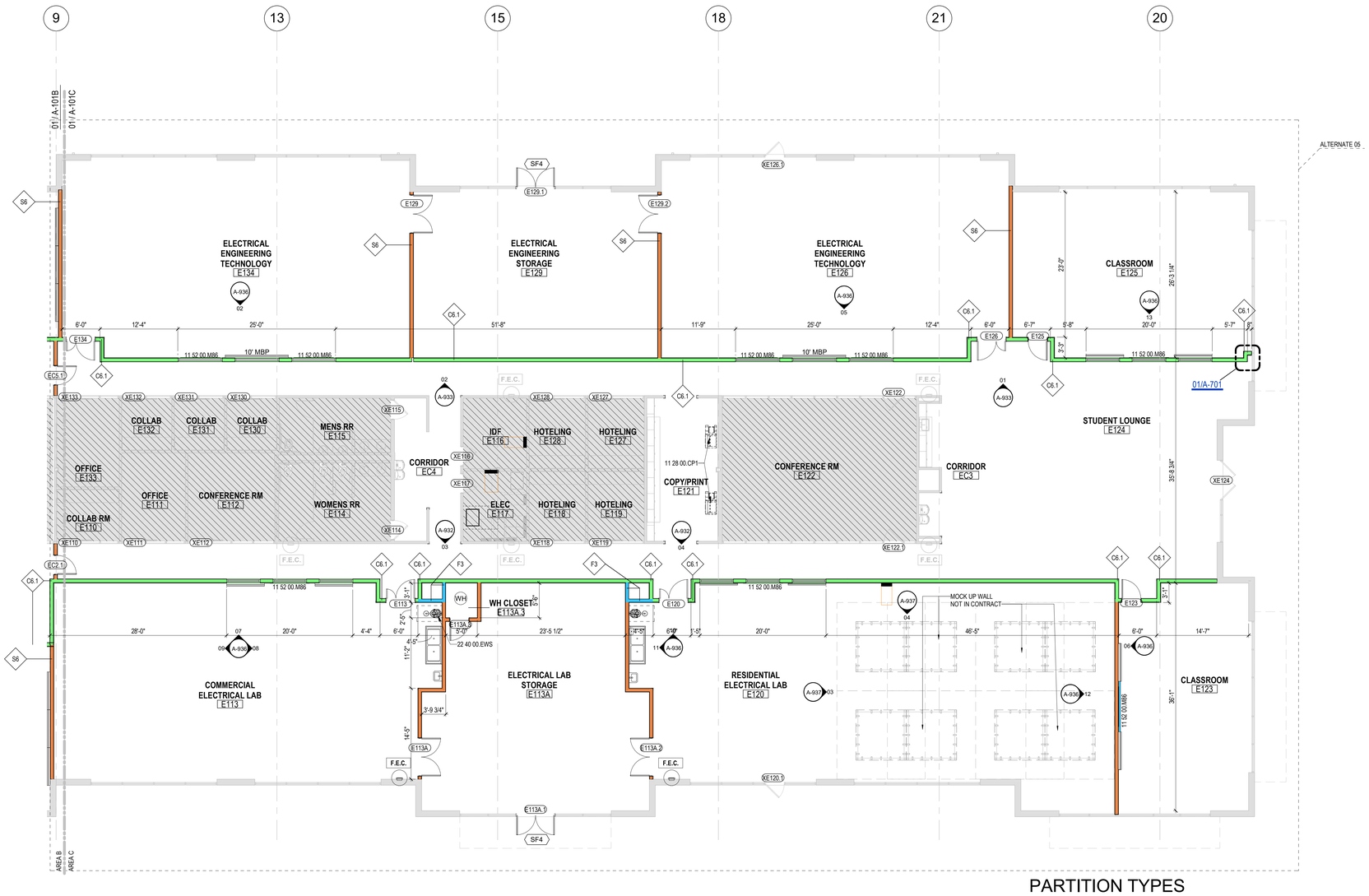
LEVEL 1 - AREA B FLOOR PLAN

A-101B

LEVEL 1 - AREA C FLOOR PLAN
A-101C

FOR BLUEBEAM LABELING/OCR:

0"
1"



PARTITION TYPES

- C6.1
- EXISTING
- F3
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01 LEVEL 1 - AREA C FLOOR PLAN
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11 28 00.CP1	COPIER/PRINTER (OFOI)
11 52 00.M86	MONITOR, 86" HD TV (OFCI)
22 40 00.EWS	EMERGENCY EYEWASH AND SHOWER

ALTERNATE NOTES

ALTERNATE 05 - DEDUCTIVE ALTERNATE - AREA C:
NO EXTERIOR STOREFRONT CHANGES TO AREA C. NO FINISHES. NO PARTITIONS. PROVIDE DOORS EC2.1 AND EC5.1, AND ASSOCIATED PARTITIONS, IF ALTERNATE 05 IS ACCEPTED.

FLOOR PLAN LEGEND

- 8" MBP — 10 11 00.MBP PORCELAIN-ENAMEL MARKERBOARD — LENGTH
- 4" TKB — 10 11 00.TXB TACKBOARD — LENGTH
- CR — CARD READER REFER TO TECHNOLOGY
- F.E.C. — 10 44 00.FE# FIRE EXTINGUISHER CABINET
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B C A

TRUE

REGISTERED ARCHITECT JESSICA BRUNI 30575 STATE OF TEXAS

09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

LEVEL 1 - AREA C FLOOR PLAN

A-101C

Plot Stamp:
9/24/2025 4:18:55 PM

LEVEL 1 - OVERALL CEILING PLAN
A-201
FOR BLUEBEAM LABELING/DOCR:

0"
1"



01 LEVEL 1 - OVERALL REFLECTED CEILING PLAN
1/16" = 1'-0"

GENERAL CEILING PLAN NOTES

1. ALL CEILING HEIGHTS ARE FROM THE MAIN FLOOR LEVEL WITHIN THE ROOM AND OR SPACE, AND ARE NOT FROM AN ELEVATED FLOOR LEVEL, AND ARE NOT FROM A RECESSED FLOOR LEVEL.
2. NO FIRE SPRINKLER HEADS ARE SHOWN ON ARCHITECTURAL CEILING PLANS. ALL SPRINKLER HEADS SHALL BE CENTERED WITHIN CEILING TILES U.N.O.
3. ONLY CEILING MOUNTED FIXTURES AND EQUIPMENT IS SHOWN ON ARCHITECTURAL CEILING PLANS. REFER TO INTERIOR ELEVATIONS FOR WALL MOUNTED FIXTURES. REFER TO MEPT DOCUMENTS FOR ADDITIONAL INFORMATION CONCERNING CEILING MOUNTED FIXTURES AND OR WALL MOUNTED FIXTURES.
4. CEILING MOUNTED LIGHT FIXTURES ARE SHOWN FOR LOCATION PURPOSES ONLY. COORDINATE WITH ELECTRICAL DOCUMENTS FOR LIGHT FIXTURE DESIGNATIONS.
5. CEILING MOUNTED LIGHT FIXTURES WITHIN FIRE RATED CEILING ASSEMBLIES SHALL HAVE LIGHT FIXTURE PROTECTION AND BE TENTED OR OTHERWISE FIRE-RATED TO MATCH CEILING ASSEMBLY FIRE RATING.
6. VERIFY LOCATIONS OF ALL CEILING ACCESS PANELS WITH MEPT DOCUMENTS. COORDINATE LOCATIONS OF CEILING ACCESS PANELS WITH ARCHITECT PRIOR TO INSTALLATION. CEILING ACCESS PANEL FIRE RATINGS SHALL MATCH CEILING ASSEMBLY FIRE RATINGS.
7. REFER TO WALL SECTIONS FOR WALL-CEILING INTERFACE.
8. ALL EXTERIOR WALLS SHALL EXTEND TO DECK AND BE SEALED, INCLUDING WALLS ADJACENT TO SOFFITS AND ABOVE DOORS AND WINDOWS. THESE EXTERIOR WALLS SHALL BE INSULATED.
9. COORDINATE LOCATION OF ALL LIGHT FIXTURES, EXIT SIGNS, GRILLES, AND SPEAKERS WITH MEPT DRAWINGS.
10. REFER TO MEP FOR ALL MECHANICAL ROOM LIGHTING AND ANY FIXTURES NOT SHOWN ON ARCHITECTURAL RCP.
11. PAINT ALL DUCTWORK, CONDUITS, PIPING, GYP BOARD CEILING FURR-DOWNS, STRUCTURAL BEAMS, STRUCTURAL JOISTS, STRUCTURAL COLUMNS, METAL ROOF DECK, AND OTHER STRUCTURAL MEMBERS - BOTH EXTERIOR AND INTERIOR - WHERE EXPOSED TO VIEW. COORDINATE PAINT COLOR(S) WITH THE ARCHITECT.
12. LIGHTING FIXTURES TO BE CENTERED AND SPACED EQUALLY UNLESS NOTED OTHERWISE.
13. ALL CEILING HEIGHT ON THIS SHEET, EXCEPT FOR FURR-DOWNS, SHALL BE AT 9'-11" UNLESS NOTED OTHERWISE.
14. CONDUIT AND / OR RACEWAY MOUNTED TO STRUCTURAL MEMBERS IN EXPOSED-TO-STRUCTURE SPACES SHALL BE INSTALLED TIGHT TO DECK AND PARALLEL OR PERPENDICULAR TO BUILDING LINES. DO NOT INSTALL CONDUIT, RACEWAY, OR WIRING PERPENDICULAR TO JOISTS NEAR BOTTOM CHORD LEVEL.
15. REPLACE CEILING TILES WITH SPEAKER CUTOUTS THROUGHOUT BUILDING.

ALTERNATE NOTES

ALTERNATE 04:
FOR THE FOLLOWING ROOMS ONLY: CHEMISTRY LAB S131, BIOLOGY 1 S127, AND BIOLOGY 2 124 - REMOVE EXISTING GYPSUM FURRDOWNS THAT SEPARATE THE DIFFERENT CEILING HEIGHTS AND INSTALL NEW GRID AND TILES AT 11'-10" ACROSS THE ENTIRE LAB.

ALTERNATE 05 - DEDUCTIVE ALTERNATE - AREA C:
AREA C TO REMAIN AS SHELL SPACE. NO NEW CEILING GRID OR TILE TO BE INSTALLED. ONLY EMERGENCY LIGHT FIXTURES TO BE PROVIDED.

CEILING MATERIALS LEGEND

- **09 51 00.ACT1** — ACOUSTICAL CEILING PANEL, TYPE 1 - STANDARD, 2'x4' GRID
- EXISTING CEILING TILE AND GRID
- EXISTING PRE-FINISH METAL SOFFIT SYSTEM
- EXISTING GYPSUM CEILING BOARD
- EXISTING CEILING
- **09 21 16.GCX** — GYPSUM CEILING BOARD, 5/8" TYPE X, NON-RATED TO BE PAINTED 09 90 00.PT1 U.N.O.
- REMOVE/REPLACE CEILING TILES WITH HOLES/DAMAGE
- ACP-1B — **09 84 00.ACP-1B** 4'X8'X1" THICK ARMSTRONG TECTUM FINALE PANEL NRC .85 TO BE PAINTED 09 90 00.PT6 U.N.O.
- ACP-2B — **09 84 00.ACP-2B** 4'X4'X1" THICK ARMSTRONG TECTUM FINALE PANEL NRC .85 TO BE PAINTED 09 90 00.PT6 U.N.O.

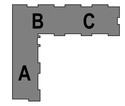
CEILING FIXTURE LEGEND

- LINEAR LIGHT FIXTURE — *RE: ELECTRICAL*
- SUPPLY AIR CEILING DIFFUSER — *RE: MECHANICAL*
- 1' x 4' RECESSED LIGHT FIXTURE — *RE: ELECTRICAL*
- EXISTING - SUPPLY AIR CEILING DIFFUSER — *RE: MECHANICAL*
- EXISTING - RETURN AIR GRILLE / REGISTER — *RE: MECHANICAL*
- EXISTING - EXHAUST GRILLE / REGISTER — *RE: MECHANICAL*
- EXISTING - MAKEUP AIR REGISTER — *RE: MECHANICAL*
- SUPPLY AIR CEILING DIFFUSER — *RE: MECHANICAL*
- RETURN AIR GRILLE / REGISTER — *RE: MECHANICAL*
- EXHAUST GRILLE / REGISTER — *RE: MECHANICAL*
- MAKEUP AIR REGISTER — *RE: MECHANICAL*
- RL1 — RECESSED LINEAR LIGHT - **NEW** — *RE: LIGHTING*
- SRL1 — RECESSED LINEAR LIGHT - **SALVAGED** — *RE: LIGHTING*
- L1 — LINEAR LIGHT - **NEW** — *RE: LIGHTING*
- SL1 — LINEAR LIGHT - **SALVAGED** — *RE: LIGHTING*
- D1 — DOWNLIGHT - **NEW** — *RE: LIGHTING*
- EXISTING RECESSED SQUARE LIGHT FIXTURE — *RE: ELECTRICAL*
- CORD REEL — *RE: ELECTRICAL*
- LIGHT FIXTURE — *RE: ELECTRICAL*
- EMERGENCY LIGHT — *RE: ELECTRICAL*
- EXIT LIGHT — *RE: ELECTRICAL*
- LS — LOCAL SPEAKER — *RE: TECHNOLOGY*
- OCCUPANCY SENSOR — *RE: TECHNOLOGY*
- OCCUPANCY SENSOR - CORRIDOR — *RE: TECHNOLOGY*
- CO — CARBON MONOXIDE DETECTOR — *RE: TECHNOLOGY*
- AP — ACCESS POINT — *RE: TECHNOLOGY*
- 1-SENSOR CAMERA — *RE: TECHNOLOGY*
- 4-SENSOR CAMERA — *RE: TECHNOLOGY*
- D4 — DATA DROP — *RE: TECHNOLOGY*
- S — SMOKE DETECTOR — *RE: TECHNOLOGY*
- FIRE ALARM SPEAKER WITH STROBE LIGHT — *RE: TECHNOLOGY*
- FIRE ALARM SPEAKER STROBE — *RE: TECHNOLOGY*
- FIRE ALARM DETECTORS — *RE: TECHNOLOGY*
- CM — MICROPHONE — *RE: TECHNOLOGY*
- RECESSED SQUARE LIGHTING
- LINEAR LIGHTING

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SAN ANTONIO, TX
210-829-0123

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION
2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130
CLIENT PROJECT NO: 250033
ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN TRUE



09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

LEVEL 1 - OVERALL CEILING PLAN

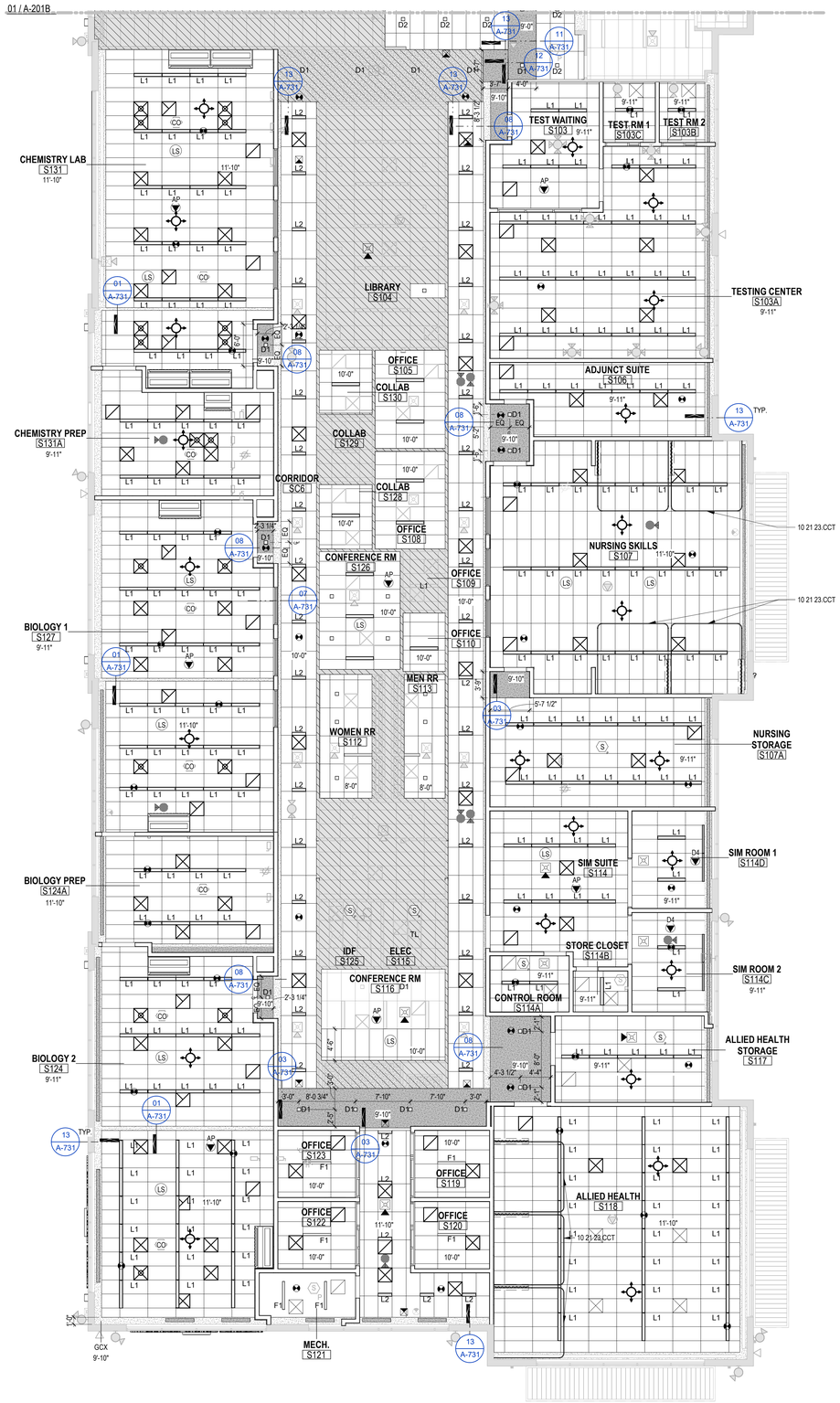
A-201

Plot Stamp:
9/24/2025 4:19:00 PM

0"

1"

LEVEL 1 - AREA A CEILING PLAN
A-201A
FOR BLUEBEAM LABELING/OCR:



GENERAL CEILING PLAN NOTES

1. ALL CEILING HEIGHTS ARE FROM THE MAIN FLOOR LEVEL WITHIN THE ROOM AND OR SPACE, AND ARE NOT FROM AN ELEVATED FLOOR LEVEL, AND ARE NOT FROM A RECESSED FLOOR LEVEL.
2. NO FIRE SPRINKLER HEADS ARE SHOWN ON ARCHITECTURAL CEILING PLANS. ALL SPRINKLER HEADS SHALL BE CENTERED WITHIN CEILING TILES U.N.O.
3. ONLY CEILING MOUNTED FIXTURES AND EQUIPMENT IS SHOWN ON ARCHITECTURAL CEILING PLANS. REFER TO INTERIOR ELEVATIONS FOR WALL MOUNTED FIXTURES. REFER TO MEPT DOCUMENTS FOR ADDITIONAL INFORMATION CONCERNING CEILING MOUNTED FIXTURES AND OR WALL MOUNTED FIXTURES.
4. CEILING MOUNTED LIGHT FIXTURES ARE SHOWN FOR LOCATION PURPOSES ONLY. COORDINATE WITH ELECTRICAL DOCUMENTS FOR LIGHT FIXTURE DESIGNATIONS.
5. CEILING MOUNTED LIGHT FIXTURES WITHIN FIRE RATED CEILING ASSEMBLIES SHALL HAVE LIGHT FIXTURE PROTECTION AND BE TENTED OR OTHERWISE FIRE-RATED TO MATCH CEILING ASSEMBLY FIRE RATING.
6. VERIFY LOCATIONS OF ALL CEILING ACCESS PANELS WITH MEPT DOCUMENTS. COORDINATE LOCATIONS OF CEILING ACCESS PANELS WITH ARCHITECT PRIOR TO INSTALLATION. CEILING ACCESS PANEL FIRE RATINGS SHALL MATCH CEILING ASSEMBLY FIRE RATINGS.
7. REFER TO WALL SECTIONS FOR WALL-CEILING INTERFACE.
8. ALL EXTERIOR WALLS SHALL EXTEND TO DECK AND BE SEALED, INCLUDING WALLS ADJACENT TO SOFFITS AND ABOVE DOORS AND WINDOWS. THESE EXTERIOR WALLS SHALL BE INSULATED.
9. COORDINATE LOCATION OF ALL LIGHT FIXTURES, EXIT SIGNS, GRILLES, AND SPEAKERS WITH MEPT DRAWINGS.
10. REFER TO MEP FOR ALL MECHANICAL ROOM LIGHTING AND ANY FIXTURES NOT SHOWN ON ARCHITECTURAL RCP.
11. PAINT ALL DUCTWORK, CONDUITS, PIPING, GYP BOARD CEILING FURR-DOWNS, STRUCTURAL BEAMS, STRUCTURAL JOISTS, STRUCTURAL COLUMNS, METAL ROOF DECK, AND OTHER STRUCTURAL MEMBERS - BOTH EXTERIOR AND INTERIOR - WHERE EXPOSED TO VIEW. COORDINATE PAINT COLOR(S) WITH THE ARCHITECT.
12. LIGHTING FIXTURES TO BE CENTERED AND SPACED EQUALLY UNLESS NOTED OTHERWISE.
13. ALL CEILING HEIGHT ON THIS SHEET, EXCEPT FOR FURR-DOWNS, SHALL BE AT 9'-11" UNLESS NOTED OTHERWISE.
14. CONDUIT AND / OR RACEWAY MOUNTED TO STRUCTURAL MEMBERS IN EXPOSED-TO-STRUCTURE SPACES SHALL BE INSTALLED TIGHT TO DECK AND PARALLEL OR PERPENDICULAR TO BUILDING LINES. DO NOT INSTALL CONDUIT, RACEWAY, OR WIRING PERPENDICULAR TO JOISTS NEAR BOTTOM CHORD LEVEL.
15. REPLACE CEILING TILES WITH SPEAKER CUTOUTS THROUGHOUT BUILDING.

KEYNOTE LEGEND

NUMBER	DESCRIPTION
10 21 23.CCT	CUBICLE TRACK

ALTERNATE NOTES

ALTERNATE 04:
FOR THE FOLLOWING ROOMS ONLY: CHEMISTRY LAB S131, BIOLOGY 1 S127, AND BIOLOGY 2 124 - REMOVE EXISTING GYPSUM FURRDOWNS THAT SEPARATE THE DIFFERENT CEILING HEIGHTS AND INSTALL NEW GRID AND TILES AT 11'-10" ACROSS THE ENTIRE LAB.

CEILING MATERIALS LEGEND

- **09 51 00.ACT1** ACOUSTICAL CEILING PANEL, TYPE 1 - STANDARD, 2'x4' GRID
- EXISTING CEILING TILE AND GRID
- EXISTING PRE-FINISH METAL SOFFIT SYSTEM
- EXISTING GYPSUM CEILING BOARD
- EXISTING CEILING
- **09 21 16.GCX** GYPSUM CEILING BOARD, 5/8" TYPE X, NON-RATED TO BE PAINTED 09 90 00.PT1 U.N.O.
- REMOVE/REPLACE CEILING TILES WITH HOLES/DAMAGE
- ACP-1B — **09 84 00.ACP-1B** 4'X8'X1" THICK ARMSTRONG TECTUM FINALE PANEL NRC .85 TO BE PAINTED 09 90 00.PT6 U.N.O.
- ACP-2B — **09 84 00.ACP-2B** 4'X4'X1" THICK ARMSTRONG TECTUM FINALE PANEL NRC .85 TO BE PAINTED 09 90 00.PT6 U.N.O.

CEILING FIXTURE LEGEND

- LINEAR LIGHT FIXTURE *RE: ELECTRICAL*
- EXISTING RECESSED SQUARE LIGHT FIXTURE *RE: ELECTRICAL*
- CORD REEL *RE: ELECTRICAL*
- SUPPLY AIR CEILING DIFFUSER *RE: MECHANICAL*
- LIGHT FIXTURE *RE: ELECTRICAL*
- 1' x 4' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- EMERGENCY LIGHT *RE: ELECTRICAL*
- EXIT LIGHT *RE: ELECTRICAL*
- EXISTING - SUPPLY AIR CEILING DIFFUSER *RE: MECHANICAL*
- LOCAL SPEAKER *RE: TECHNOLOGY*
- EXISTING - RETURN AIR GRILLE / REGISTER *RE: MECHANICAL*
- OCCUPANCY SENSOR *RE: TECHNOLOGY*
- EXISTING - EXHAUST GRILLE / REGISTER *RE: MECHANICAL*
- OCCUPANCY SENSOR - CORRIDOR *RE: TECHNOLOGY*
- EXISTING - MAKEUP AIR REGISTER *RE: MECHANICAL*
- CARBON MONOXIDE DETECTOR *RE: TECHNOLOGY*
- SUPPLY AIR CEILING DIFFUSER *RE: MECHANICAL*
- ACCESS POINT *RE: TECHNOLOGY*
- RETURN AIR GRILLE / REGISTER *RE: MECHANICAL*
- 1-SENSOR CAMERA *RE: TECHNOLOGY*
- EXHAUST GRILLE / REGISTER *RE: MECHANICAL*
- 4-SENSOR CAMERA *RE: TECHNOLOGY*
- MAKEUP AIR REGISTER *RE: MECHANICAL*
- DATA DROP *RE: TECHNOLOGY*
- SMOKE DETECTOR *RE: TECHNOLOGY*
- RL1 — RECESSED LINEAR LIGHT - **NEW** *RE: LIGHTING*
- FIRE ALARM SPEAKER WITH STROBE LIGHT *RE: TECHNOLOGY*
- SRL1 — RECESSED LINEAR LIGHT - **SALVAGED** *RE: LIGHTING*
- FIRE ALARM SPEAKER STROBE *RE: TECHNOLOGY*
- L1 — LINEAR LIGHT - **NEW** *RE: LIGHTING*
- FIRE ALARM DETECTORS *RE: TECHNOLOGY*
- SL1 — LINEAR LIGHT - **SALVAGED** *RE: LIGHTING*
- MICROPHONE *RE: TECHNOLOGY*
- D1 — DOWNLIGHT - **NEW** *RE: LIGHTING*
- RECESSED SQUARE LIGHTING
- LINEAR LIGHTING

PBK

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TX FIRM: BR 1608
SAN ANTONIO, TX
210-829-0123

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

TRUE

REGISTERED ARCHITECT JESSICA BRENNAN 20575 STATE OF TEXAS

09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

LEVEL 1 - AREA A CEILING PLAN

A-201A

Plot Stamp:
9/24/2025 4:19:06 PM

0"
1"

LEVEL 1 - AREA B CEILING PLAN
A-201B
FOR BLUEBEAM LABELING/OCR:



01 LEVEL 1 - AREA B REFLECTED CEILING PLAN
1/8" = 1'-0"

GENERAL CEILING PLAN NOTES

1. ALL CEILING HEIGHTS ARE FROM THE MAIN FLOOR LEVEL WITHIN THE ROOM AND OR SPACE, AND ARE NOT FROM AN ELEVATED FLOOR LEVEL, AND ARE NOT FROM A RECESSED FLOOR LEVEL.
2. NO FIRE SPRINKLER HEADS ARE SHOWN ON ARCHITECTURAL CEILING PLANS. ALL SPRINKLER HEADS SHALL BE CENTERED WITHIN CEILING TILES U.N.O.
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6. VERIFY LOCATIONS OF ALL CEILING ACCESS PANELS WITH MEPT DOCUMENTS. COORDINATE LOCATIONS OF CEILING ACCESS PANELS WITH ARCHITECT PRIOR TO INSTALLATION. CEILING ACCESS PANEL FIRE RATINGS SHALL MATCH CEILING ASSEMBLY FIRE RATINGS.
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9. COORDINATE LOCATION OF ALL LIGHT FIXTURES, EXIT SIGNS, GRILLES, AND SPEAKERS WITH MEPT DRAWINGS.
10. REFER TO MEP FOR ALL MECHANICAL ROOM LIGHTING AND ANY FIXTURES NOT SHOWN ON ARCHITECTURAL RCP.
11. PAINT ALL DUCTWORK, CONDUITS, PIPING, GYP BOARD CEILING FURR-DOWNS, STRUCTURAL BEAMS, STRUCTURAL JOISTS, STRUCTURAL COLUMNS, METAL ROOF DECK, AND OTHER STRUCTURAL MEMBERS - BOTH EXTERIOR AND INTERIOR - WHERE EXPOSED TO VIEW. COORDINATE PAINT COLOR(S) WITH THE ARCHITECT.
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15. REPLACE CEILING TILES WITH SPEAKER CUTOUTS THROUGHOUT BUILDING.

KEYNOTE LEGEND

NUMBER	DESCRIPTION
09 90 00.P3	PAINT TYPE 3 - BLUE
09 90 00.P6	PAINT TYPE 6 - GREY

CEILING MATERIALS LEGEND

- **09 51 00.ACT1** ACOUSTICAL CEILING PANEL, TYPE 1 - STANDARD, 2'x4' GRID
- EXISTING CEILING TILE AND GRID
- EXISTING PRE-FINISH METAL SOFFIT SYSTEM
- EXISTING GYPSUM CEILING BOARD
- EXISTING CEILING
- **09 21 16.GCX** GYPSUM CEILING BOARD, 5/8" TYPE X, NON-RATED TO BE PAINTED 09 90 00.PT1 U.N.O.
- REMOVE/REPLACE CEILING TILES WITH HOLES/DAMAGE
- ACP-1B — **09 84 00.ACP-1B** 4'X8'X1" THICK ARMSTRONG TECTUM FINALE PANEL NRC .85 TO BE PAINTED 09 90 00.PT6 U.N.O.
- ACP-2B — **09 84 00.ACP-2B** 4'X4'X1" THICK ARMSTRONG TECTUM FINALE PANEL NRC .85 TO BE PAINTED 09 90 00.PT6 U.N.O.

CEILING FIXTURE LEGEND

- LINEAR LIGHT FIXTURE *RE: ELECTRICAL*
- SUPPLY AIR CEILING DIFFUSER *RE: MECHANICAL*
- 1' x 4' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- EXISTING - SUPPLY AIR CEILING DIFFUSER *RE: MECHANICAL*
- EXISTING - RETURN AIR GRILLE / REGISTER *RE: MECHANICAL*
- EXISTING - EXHAUST GRILLE / REGISTER *RE: MECHANICAL*
- EXISTING - MAKEUP AIR REGISTER *RE: MECHANICAL*
- SUPPLY AIR CEILING DIFFUSER *RE: MECHANICAL*
- RETURN AIR GRILLE / REGISTER *RE: MECHANICAL*
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- RL1 — RECESSED LINEAR LIGHT - **NEW** *RE: LIGHTING*
- SRL1 — RECESSED LINEAR LIGHT - **SALVAGED** *RE: LIGHTING*
- L1 — LINEAR LIGHT - **NEW** *RE: LIGHTING*
- SL1 — LINEAR LIGHT - **SALVAGED** *RE: LIGHTING*
- D1 — DOWNLIGHT - **NEW** *RE: LIGHTING*
- EXISTING RECESSED SQUARE LIGHT FIXTURE *RE: ELECTRICAL*
- CORD REEL *RE: ELECTRICAL*
- LIGHT FIXTURE *RE: ELECTRICAL*
- EMERGENCY LIGHT *RE: ELECTRICAL*
- EXIT LIGHT *RE: ELECTRICAL*
- LS — LOCAL SPEAKER *RE: TECHNOLOGY*
- OCCUPANCY SENSOR *RE: TECHNOLOGY*
- OCCUPANCY SENSOR - CORRIDOR *RE: TECHNOLOGY*
- CO — CARBON MONOXIDE DETECTOR *RE: TECHNOLOGY*
- AP — ACCESS POINT *RE: TECHNOLOGY*
- 1-SENSOR CAMERA *RE: TECHNOLOGY*
- 4-SENSOR CAMERA *RE: TECHNOLOGY*
- D4 — DATA DROP *RE: TECHNOLOGY*
- S — SMOKE DETECTOR *RE: TECHNOLOGY*
- FIRE ALARM SPEAKER WITH STROBE LIGHT *RE: TECHNOLOGY*
- FIRE ALARM SPEAKER STROBE *RE: TECHNOLOGY*
- FIRE ALARM DETECTORS *RE: TECHNOLOGY*
- CM — MICROPHONE *RE: TECHNOLOGY*
- RECESSED SQUARE LIGHTING
- LINEAR LIGHTING

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

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ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

TRUE

REGISTERED ARCHITECT JESSICA BARNETT 20575 STATE OF TEXAS

09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE: 09/24/2025	PROJECT NUMBER: 250033

DRAWING HISTORY

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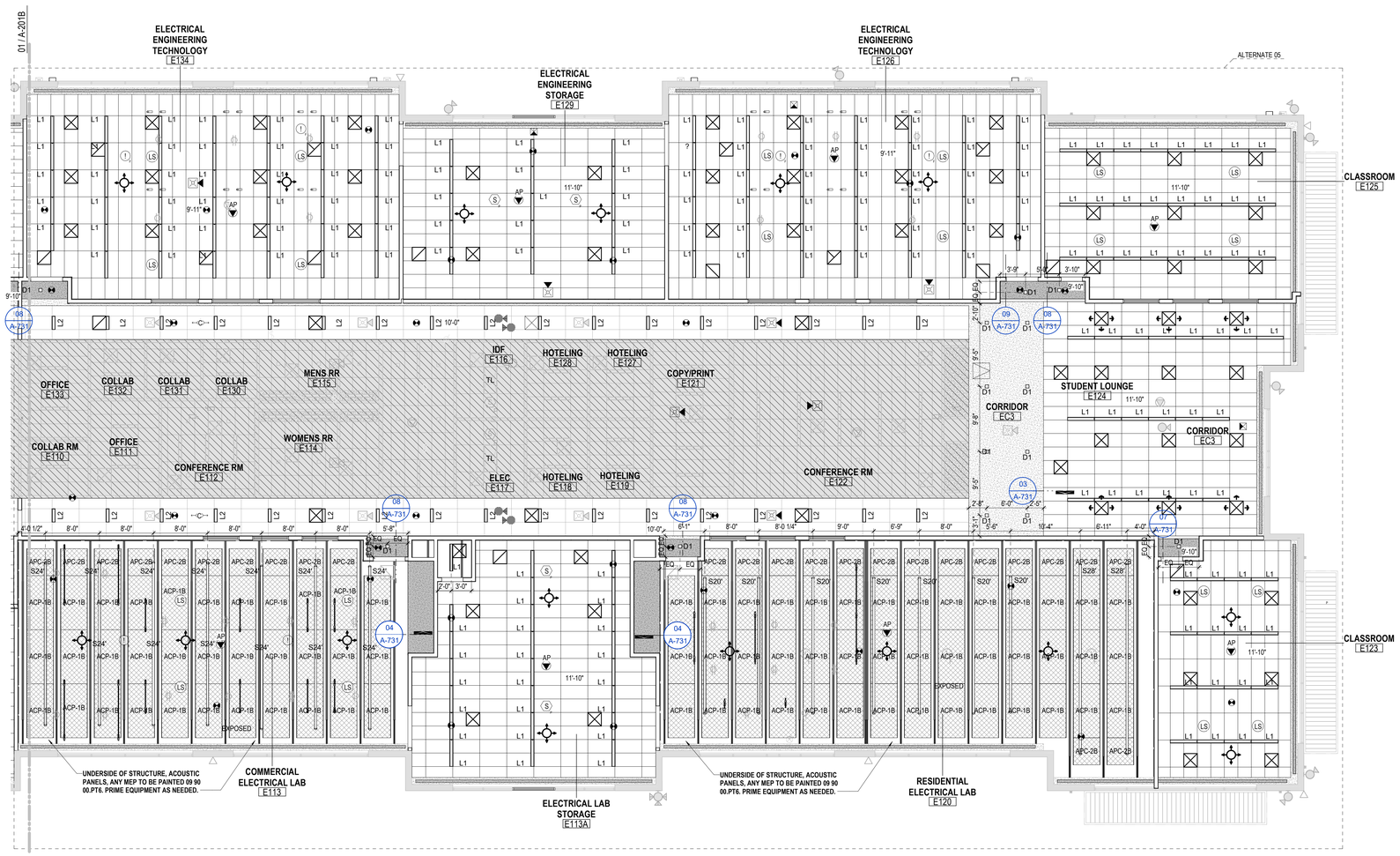
LEVEL 1 - AREA B CEILING PLAN

A-201B

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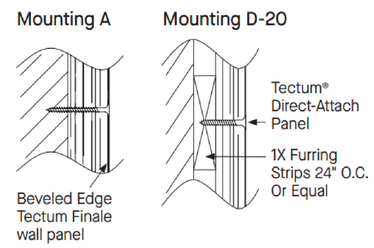
0"
1"

LEVEL 1 - AREA C CEILING PLAN
A-201C
FOR BLUEBEAM LABELING/OCR:



01 LEVEL 1 - AREA C REFLECTED CEILING PLAN
1/8" = 1'-0"

LAID DIRECTLY AGAINST WALL SURFACE **LAID ON 3/4" FURRING STRIPS**



02 ACOUSTICAL MOUNTING METHODS
N.T.S.

GENERAL CEILING PLAN NOTES

1. ALL CEILING HEIGHTS ARE FROM THE MAIN FLOOR LEVEL WITHIN THE ROOM AND OR SPACE, AND ARE NOT FROM AN ELEVATED FLOOR LEVEL, AND ARE NOT FROM A RECESSED FLOOR LEVEL.
2. NO FIRE SPRINKLER HEADS ARE SHOWN ON ARCHITECTURAL CEILING PLANS. ALL SPRINKLER HEADS SHALL BE CENTERED WITHIN CEILING TILES U.N.O.
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15. REPLACE CEILING TILES WITH SPEAKER CUTOUTS THROUGHOUT BUILDING.

ALTERNATE NOTES

ALTERNATE 05 - DEDUCTIVE ALTERNATE - AREA C:
AREA C TO REMAIN AS SHELL SPACE. NO NEW CEILING GRID OR TILE TO BE INSTALLED. ONLY EMERGENCY LIGHT FIXTURES TO BE PROVIDED.

CEILING MATERIALS LEGEND

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CEILING FIXTURE LEGEND

- LINEAR LIGHT FIXTURE *RE: ELECTRICAL*
- SUPPLY AIR CEILING DIFFUSER *RE: MECHANICAL*
- 1' x 4' RECESSED LIGHT FIXTURE *RE: ELECTRICAL*
- EXISTING - SUPPLY AIR CEILING DIFFUSER *RE: MECHANICAL*
- EXISTING - RETURN AIR GRILLE / REGISTER *RE: MECHANICAL*
- EXISTING - EXHAUST GRILLE / REGISTER *RE: MECHANICAL*
- EXISTING - MAKEUP AIR REGISTER *RE: MECHANICAL*
- SUPPLY AIR CEILING DIFFUSER *RE: MECHANICAL*
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- SRL1 — RECESSED LINEAR LIGHT - **SALVAGED** *RE: LIGHTING*
- L1 — LINEAR LIGHT - **NEW** *RE: LIGHTING*
- SL1 — LINEAR LIGHT - **SALVAGED** *RE: LIGHTING*
- D1 — DOWNLIGHT - **NEW** *RE: LIGHTING*
- EXISTING RECESSED SQUARE LIGHT FIXTURE *RE: ELECTRICAL*
- CORD REEL *RE: ELECTRICAL*
- LIGHT FIXTURE *RE: ELECTRICAL*
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- CARBON MONOXIDE DETECTOR *RE: TECHNOLOGY*
- ACCESS POINT *RE: TECHNOLOGY*
- 1-SENSOR CAMERA *RE: TECHNOLOGY*
- 4-SENSOR CAMERA *RE: TECHNOLOGY*
- D4 — DATA DROP *RE: TECHNOLOGY*
- SMOKE DETECTOR *RE: TECHNOLOGY*
- FIRE ALARM SPEAKER WITH STROBE LIGHT *RE: TECHNOLOGY*
- FIRE ALARM SPEAKER STROBE *RE: TECHNOLOGY*
- FIRE ALARM DETECTORS *RE: TECHNOLOGY*
- MICROPHONE *RE: TECHNOLOGY*
- RECESSED SQUARE LIGHTING
- LINEAR LIGHTING

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ALAMO COLLEGES DISTRICT

B C A

TRUE

REGISTERED ARCHITECT JESSICA BARRETT 20575 STATE OF TEXAS
09/24/2025

CLIENT: ALAMO COLLEGES DISTRICT
DATE: 09/24/2025 | PROJECT NUMBER: 250033
DRAWING HISTORY

No.	Description	Date

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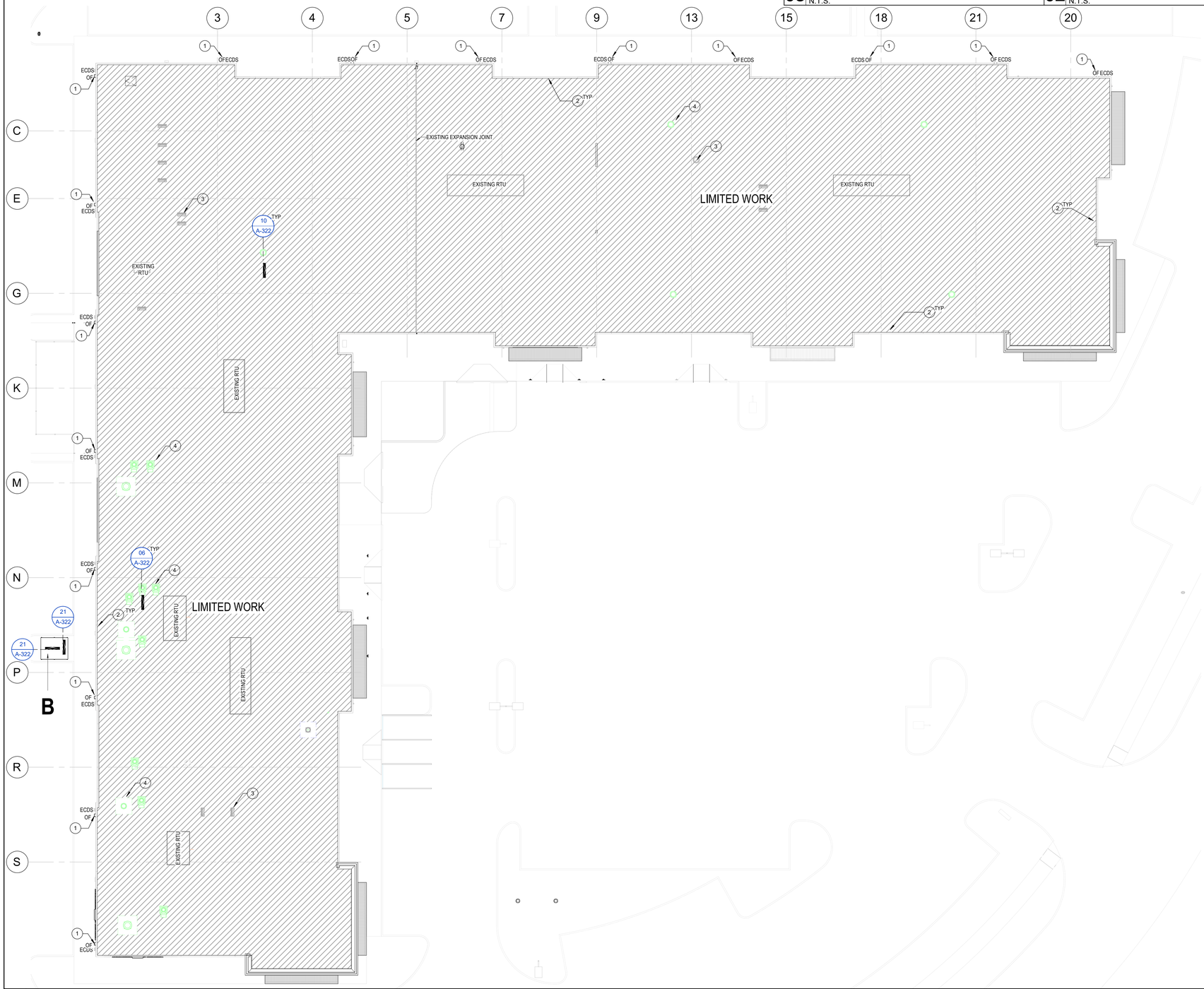
LEVEL 1 - AREA C CEILING PLAN

A-201C

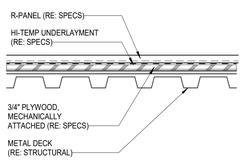
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ROOF PLAN
A-301
FOR BLUEBEAM LABELING/OCR:

0"
1"

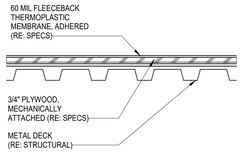


01 ROOF PLAN - OVERALL ROOF PLAN
1/16" = 1'-0"



R2

03 CONDENSOR CANOPY ROOF
N.T.S.



REFER TO VIEW 03/AS-401

R1

02 ROOF NOMENCLATURE - ALTERNATE
N.T.S.

- NEW ROOF DRAIN
- EXHAUST AIR
- POWER EXHAUST AIR
- FLANGE VENT
- PITCH PAN
- VENT THROUGH ROOF
- WALL DRAIN
- CURB MOUNTED VENT
- CURB MOUNTED INTAKE
- ABANDONED CURB TO BE REMOVED / PATCHED
- A ABANDON EQUIP.
- GUY WIRE
- POWER VENT
- HEATER VENT
- BOILER VENT
- TURBINE VENT
- PB PIPE BOX
- AC CURB MOUNTED AC
- SPLASH BLOCK
- SPLASH PAN
- ROOF HATCH
- OF OVERFLOW SCUPPER
- ECDS EXISTING COLLECTOR HEAD & DOWNSPOUT
- DS DOWNSPOUT
- EXHAUST AND SUPPLY FAN ON SINGLE CURB
- RIDGE LINE
- LIMITED WORK
- EXISTING AREA TO REMAIN -NIC
- A1 ROOF AREA DESIGNATION
- TAPERED LIGHT WEIGHT CONCRETE
- DESIGNATES EXTENTS OF WORK IDENTIFIED BY KEYED NOTES
- AD AREA DIVIDER
- EJ EXPANSION JOINT
- C CONDENSATE LINE
- W WATER LINE
- E ELEC. LINE
- G GAS LINE

25 ROOFING - LEGEND (DEMO/EXIST)
N.T.S.

AREA	APPROX. SQ. FT.	PROPOSED NOMENCLATURE	COMMENTS
A	524	R1	REFER TO VIEW 03/AS401
B	83	R2	-
TOTAL	524		

CONTRACTOR IS RESPONSIBLE FOR VERIFYING EXISTING CONDITIONS AND FOR ENSURING NEW CONDITIONS ADHERE TO ALL LOCAL AND FEDERAL CODES ALONG WITH INDUSTRY STANDARD GUIDELINES AND REMAIN IN A WATERTIGHT CONDITION

COMMENTS:

1. NEW OVERFLOW SCUPPER (RE: 9/A-322)
2. REPLACE DETERIORATED SEALANTS AT TERMINATION BAR AT TOP OF ROOF MEMBRANE BASE FLASHING AT ENTIRE PERIMETER PARAPET WALL LOCATIONS (FIELD VERIFY)
3. EXISTING MECHANICAL EQUIPMENT
4. MECHANICAL EQUIPMENT RE: MECHANICAL

19 ROOFING - KEYNOTES
N.T.S.

1. CONTRACTOR SHALL VISIT SITE TO ASCERTAIN EXACT EXISTING CONDITIONS AND COMPONENTS RELATED TO THE WORK DESCRIBED BY THESE DOCUMENTS. AFTER AWARD OF THE CONTRACT, CHANGE ORDER REQUEST FOR ADDITIONAL MONEY SHALL NOT BE APPROVED IF THE WORK COULD HAVE BEEN ANTICIPATED DURING THE SITE VISIT BY THE CONTRACTOR, ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH ACCEPTED MANUFACTURER'S PRINTED INSTRUCTIONS AND WARRANTY REQUIREMENTS.
2. DIMENSIONS, DETAILS, EQUIPMENT SIZE AND LOCATION SHOWN IN THESE CONSTRUCTION DOCUMENTS ARE FOR CONVEYANCE OF DESIGN INTENT ONLY. EXACT SIZE, LOCATION, TYPE OF MATERIAL AND TYPE OF CONSTRUCTION OF EXISTING CONDITIONS ARE THE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN AND CONFIRM.
3. REFER TO NOMENCLATURE FOR TYPE OF ROOF SYSTEM. ROOF AREAS ARE MARKED WITH DESIGNATED LETTER ON ROOF PLAN.
4. NOTE THAT SOME OF THE DETAILS DRAWN ARE GENERIC IN NATURE AND ARE NOT NECESSARILY LOCATED AND KEYED TO THE ROOF PLANS.
5. INDICATED ROOF HEIGHTS ARE GENERAL IN NATURE.
6. NEW CRICKETS AND TAPERED INSULATION SHALL BE INSTALLED WITH A FINISHED 1/4" PER FOOT MIN. SLOPE. CRICKET THE UP SLOPE SIDE OF ALL SQUARE CURBS AND PROJECTIONS OVER 20" IN WIDTH.
7. REMOVE ABANDONED EQUIPMENT IDENTIFIED ON SITE AND AS SHOWN ON OTHERWISE ON THESE DOCUMENTS.
8. REPLACE ROTTED AND / OR OTHERWISE DETERIORATED ROOF DECK MATERIAL WITH LIKE MATERIAL AND THICKNESS.
9. REPLACE ROTTED AND / OR OTHERWISE DETERIORATED WOOD NAILER MATERIAL WITH LIKE MATERIAL AND THICKNESS.
10. PATCH EXISTING ROOF DECK FOR HOLES LESS THAN 10" WIDE BY ANCHORING 22 GA. STAINLESS STEEL SHEET METAL TO TOP OF EXISTING METAL ROOF DECK. PATCH EXISTING ROOF DECK FOR HOLES GREATER THAN 10" WIDE BY ANCHORING 22 GA. STAINLESS STEEL SHEET METAL TO TOP OF EXISTING METAL ROOF DECK SPANNING FROM JOIST TO JOIST.
11. AS APPLICABLE, HVAC AND / OR DX UNITS, ELECTRICAL TRANSFORMERS, ROOF TOP EQUIPMENT, ETC. THAT ARE ON SLEEPERS SHALL BE DISCONNECTED / REMOVED, RAISED, AND PLACED ON NEW CURBED PLATFORMS AS DETAILED AND REINSTALLED / RECONNECTED. ALL CURB MOUNTED HVAC UNITS, EQUIPMENT, ETC. SHALL HAVE A MINIMUM 10" CURB HEIGHT AND ARE TO BE RAISED AS REQUIRED.
12. DISCONNECTS AND RECONNECTS SHALL BE PERFORMED BY A LICENSED ELECTRICIAN.
13. WORK TO ANY EXISTING UTILITY CONDUIT OR PIPE SHALL BE PERFORMED BY SPECIFIC LICENSED SUBCONTRACTORS SPECIALIZING IN HVAC, PLUMBING AND ELECTRICAL WORK. PERMITS AND INSPECTIONS ARE REQUIRED. REROUTE AND / OR MODIFY UTILITY CONDUIT OR PIPE AS REQUIRED TO BE INSTALLED AS DETAILED.
14. UNLESS INDICATED OTHERWISE ON THE CONSTRUCTION DOCUMENTS, REPLACE AND RAISE (AS REQUIRED) EXISTING EXPANSION JOINTS / AREA DIVIDERS / CURB MOUNTED EQUIPMENT / SKYLIGHTS A MIN. 10" ABOVE ROOF DECK.
15. SOIL STACK FLASHING SHALL BE A MIN. 10" ABOVE FINISHED ROOF SURFACE. COUPLE PVC PIPE ABOVE DECK AND COUPLE CAST IRON PIPE BELOW DECK.
16. PIPING/ CONDUIT/ ETC. SHALL BE A MIN. 10" ABOVE ROOF SURFACE, NEW AND EXISTING. PROVIDE PORTABLE PIPE HANGERS WITH PROTECTION PADS. RAISE EXISTING PIPING/ CONDUIT/ ETC. AS REQUIRED.
17. PROVIDE SHEET METAL HOODED (WITH METAL FACE CLOSURE) CAPS, WOOD CURB, BOX COVER AT GAS AND WATER PIPE ROOF PENETRATIONS AS DETAILED. PROVIDE POSITIVE SLOPE AWAY FROM FACE COVER.
18. ISOLATE HEAT PIPES / FLUES AS DETAILED AND RECOMMENDED AND OUTLINED IN THE NRCA MANUAL FOR HOT STACK FLASHING.
19. OUTSIDE AIR INTAKES SHALL BE COVERED TO ELIMINATE ODORS AND FUMES FROM ENTERING INTO THE BUILDING DURING CONSTRUCTION WORK.
20. EXAMINE AND CLEAN EXISTING DRAIN LINES OF DEBRIS AND BLOCKAGE, FLUSH WITH WATER TO ENSURE THAT DRAINS FLOW FREELY. REPAIR EXISTING DRAINS AS REQUIRED.
21. CONTRACTOR WILL VERIFY PROPER OPERATION OF ALL ROOF TOP EQUIPMENT BEFORE AND AFTER THE PROJECT. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING INOPERABLE EQUIPMENT PRIOR TO RELEASE OF RETAINAGE.
22. REPLACE RUSTED AND / OR DETERIORATED EXISTING METAL VENT FLASHING AND FLUES.
23. PRIOR TO COMMENCEMENT OF WORK, COORDINATE WALK OF ENTIRE ROOF WITH ROOFING MANUFACTURER'S TECHNICAL REPRESENTATIVE TO IDENTIFY AND LOCATE ALL AREAS OF HIGH SLOPE OR OTHER CONDITIONS WHICH MIGHT REQUIRE SPECIAL PROCEDURES FOR SYSTEM ATTACHMENT.
24. PAINT EXPOSED GAS PIPE TO REMAIN.
25. ROOFING WORK SHALL OCCUR IN SUCH A MANNER AS NOT TO VOID ANY EXISTING ROOF WARRANTIES. CONTRACTOR TO CONTACT ROOFING MANUFACTURER PRIOR TO COMMENCING THE WORK. NO EXCEPTIONS.

1 GENERAL NOTES
N.T.S.

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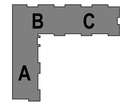
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN TRUE



09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

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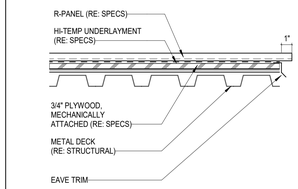
ROOF PLAN

A-301

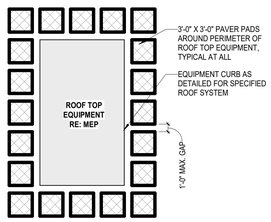
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ROOF DETAILS
A-322
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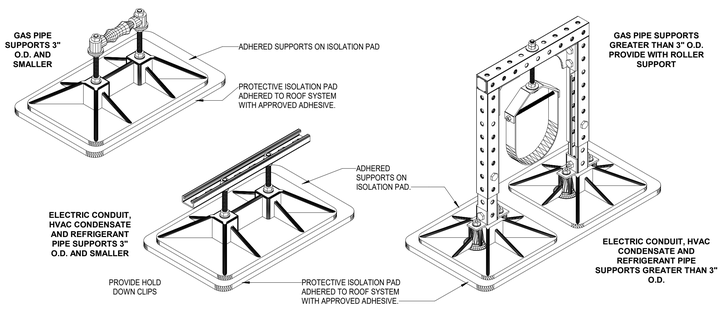
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1"



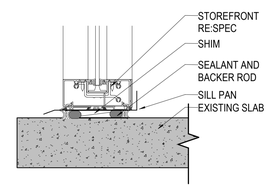
21 R-PANEL EAVE TRIM
N.T.S.



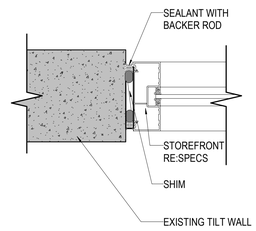
20 ROOFING - WALK PADS
N.T.S.



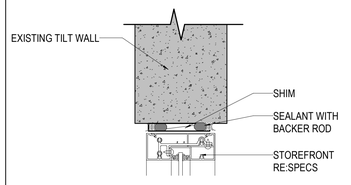
19 ROOFING - PIPE SUPPORTS
N.T.S.



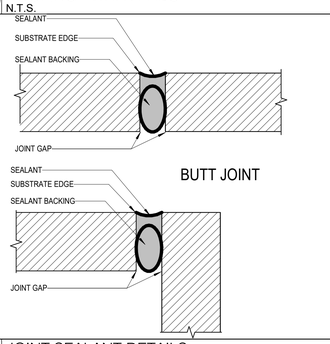
18 STOREFRONT SILL DETAIL TYP
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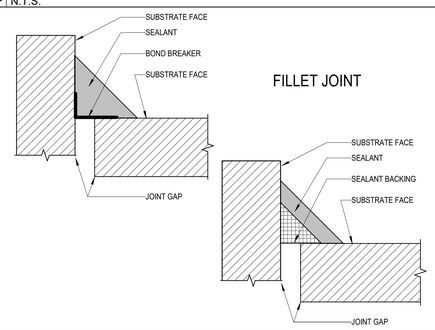


17 STOREFRONT JAMB DETAIL TYP
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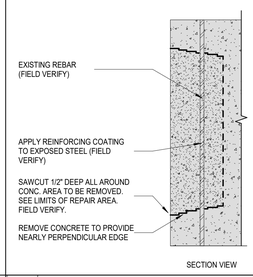
16 STOREFRONT HEAD DETAIL TYP
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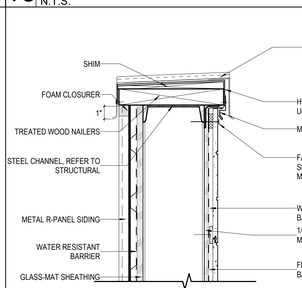


NOTE: SEALANT INSTALLATION SHALL BE PER ASTM C1193 STANDARD GUIDE FOR USE OF JOINT SEALANTS AND PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND REQUIREMENTS

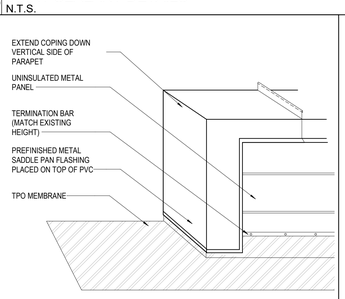
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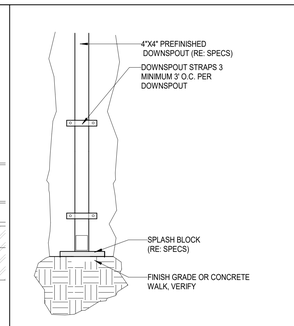
14 CONCRETE SPALL REPAIR
N.T.S.



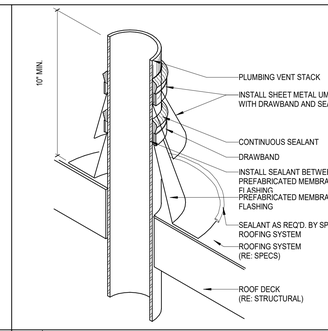
13 COPING CAP FLASHING
N.T.S.



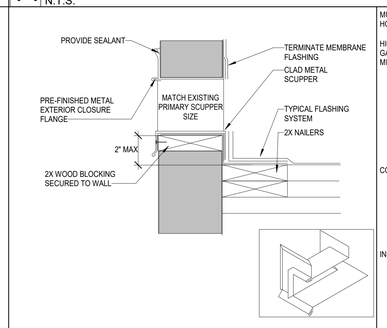
12 COPING TURN DOWN DETAIL
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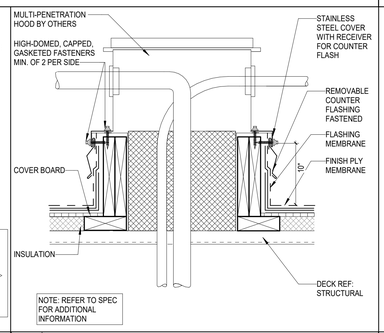
11 DOWNSPOUT STRAIGHT
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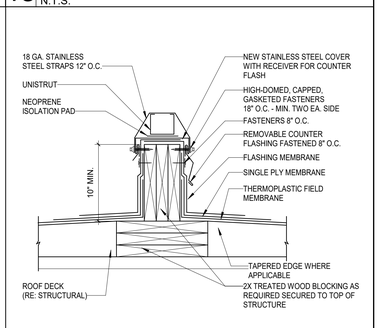
10 PENETRATION
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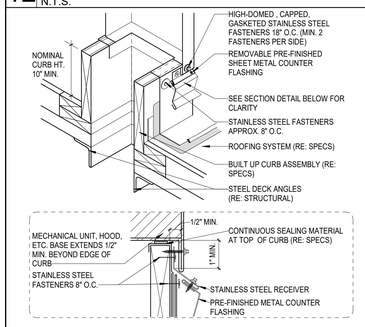
09 OVERFLOW SCUPPER
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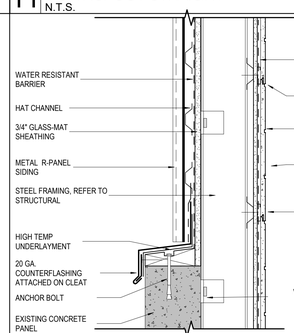
08 MULTI-PENETRATION HOOD TYP
N.T.S.



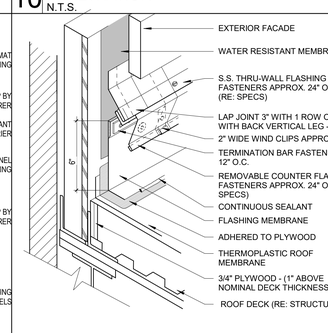
07 EQUIPMENT SUPPORT CURB TYP
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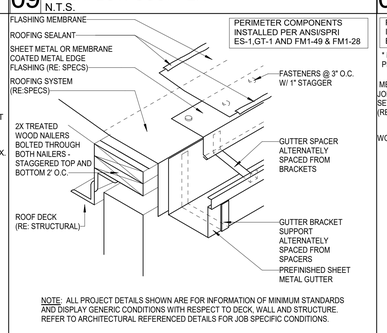
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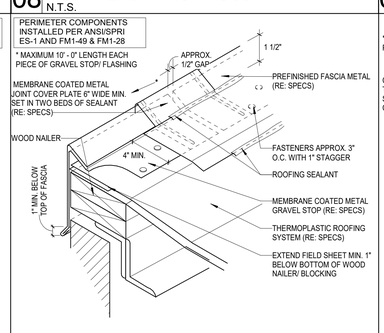
05 BASE FLASHING AT PARAPET - ALTERNATE 1
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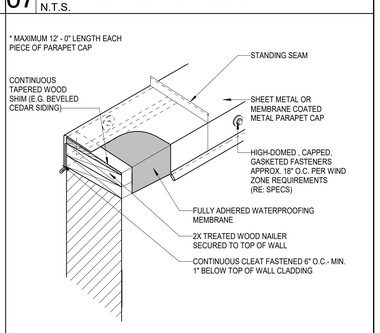
04 BASE FLASHING - ALTERNATE 1
N.T.S.



03 ROOF EDGE W/GUTTER - ALTERNATE 1
N.T.S.



02 ROOF EDGE - ALTERNATE 1
N.T.S.



01 COPING CAP - ALTERNATE 1
N.T.S.

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

KEY PLAN
NORTH: PLAN

REGISTERED ARCHITECT JESSICA A. BRENEMAN 20575 STATE OF TEXAS
09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

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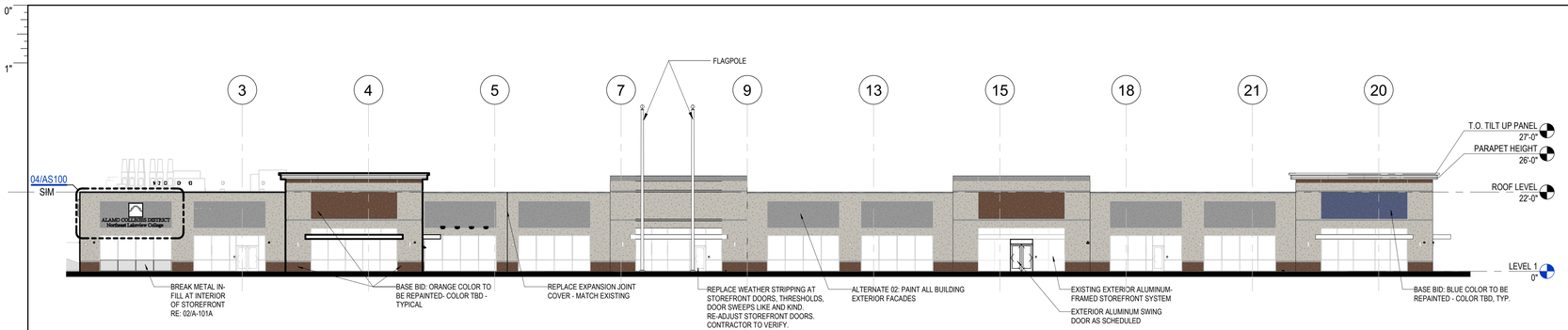
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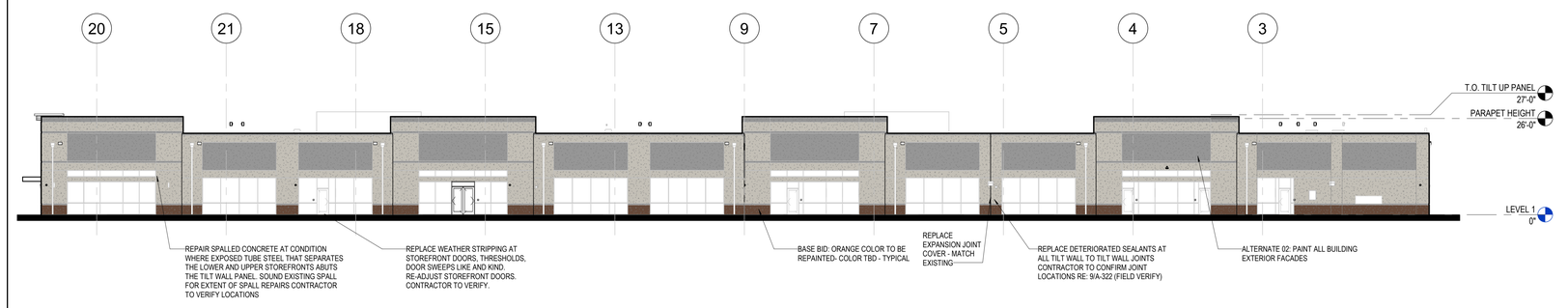
ROOF DETAILS

A-322

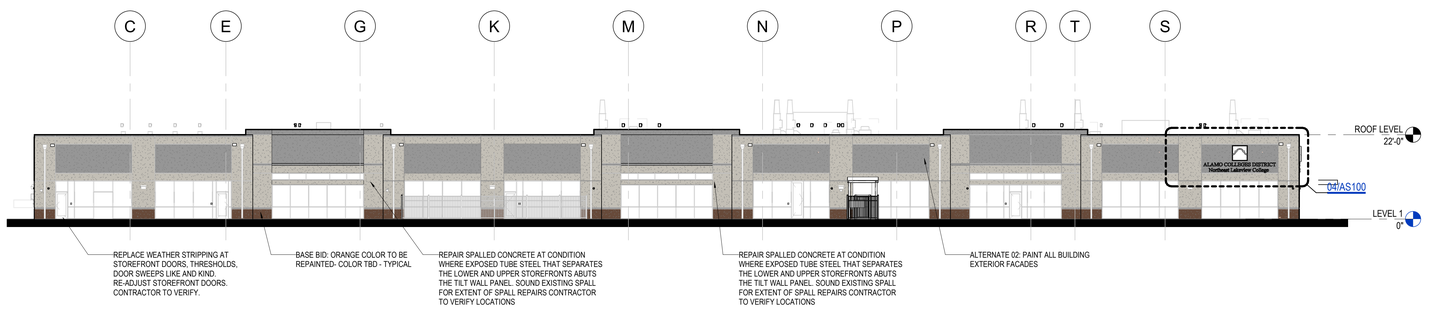
EXTERIOR ELEVATIONS
A-501
FOR BLUEBEAM LABELING/OCR:



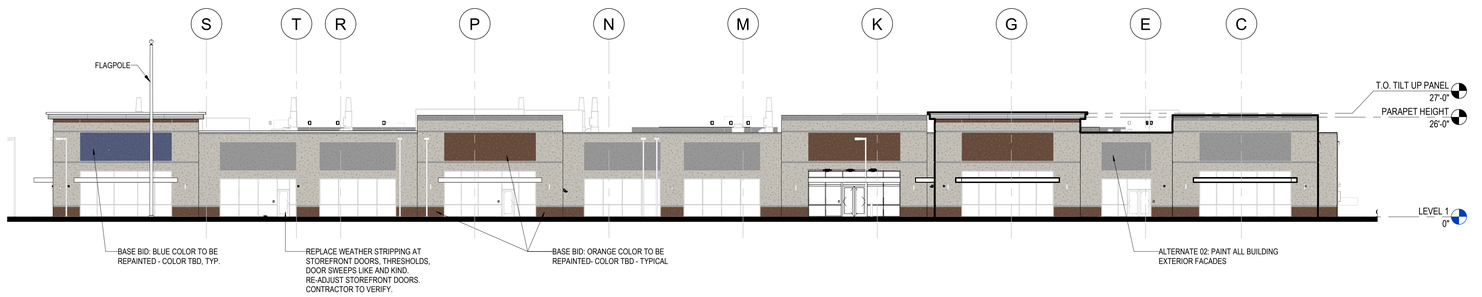
04 SOUTH ELEVATION
1/16" = 1'-0"



03 NORTH ELEVATION
1/16" = 1'-0"



02 WEST ELEVATION
1/16" = 1'-0"



01 EAST ELEVATION
1/16" = 1'-0"

GENERAL ELEVATION NOTES

1. ALL EXTERIOR CONCRETE TO REMAIN SHOULD BE POWER WASHED WITH APPROPRIATE CONCRETE CLEANING ADDITIVE. THIS INCLUDES, THE RAMP STRUCTURE, SIDEWALKS, DOCKS, CANOPIES, STAIRS, LANDSCAPE CURBS, EXPOSED FOUNDATIONS, ETC. ALL JOINTS SHOULD HAVE CAULK / SEALANT / FILLERS REMOVED, JOINT SHOULD BE CLEANED AND CAULK/ FILLER / SEALANT REPLACED. PATCH AND REPAIR SPALLING CONCRETE AT OVERHANGS. ADDITIONAL DAMAGE OF EXISTING STRUCTURAL CONCRETE SHOULD BE REPAIRED AS DIRECTED BY STRUCTURAL ENGINEER.
2. GUTTERS, CONDUCTOR HEADS, AND DOWNSPOUTS SHALL BE PRE-FINISHED SHEET METAL. COLOR SELECTED BY ARCHITECT.
3. DOWNSPOUTS SHALL HAVE 16 GAUGE PRE-FINISHED DOWNSPOUT BOOTS TO 6'-0" ABOVE FINISH GRADE. COLOR SELECTED BY ARCHITECT.
4. REFERENCE CIVIL FOR STORM DRAIN CONNECTION DETAILS AND LOCATIONS.
5. CONTRACTOR SHALL PROVIDE MOCK-UP FOR EACH EXTERIOR CONDITION AND CONSTRUCTION ASSEMBLY TYPE. INCLUDE A 2X2 WINDOW MOCK-UP. MOCK-UP SHALL INCLUDE METAL FLASHINGS, VERTICAL AND HORIZONTAL FLEXIBLE MEMBRANE FLASHINGS, AND WINDOW INSTALLATIONS AS DETAILED IN CONSTRUCTION DOCUMENTS. MOCK-UP SHALL BE A MINIMUM OF 8'-0" TALL X 16'-0" LONG WITH AN EXTERIOR CORNER, INTERIOR CORNER, AND VERTICAL CONTROL JOINTS. COORDINATE LOCATION OF MOCK-UP PANEL WITH ARCHITECT PRIOR TO CONSTRUCTION.

EXTERIOR MATERIALS LEGEND

- **09 27 23.TC1** TEXTURED TILT-UP PANEL CASTING, TYPE 1
- **03 47 13.XXX** EXISTING ORANGE PAINTED TILT-UP PANEL, TO BE REPAINTED - COLOR TBD
- **06 00 00.XXX** ALUMINUM COMPOSITE MATERIAL - FINISH TBD
- **03 47 13.XXX** EXISTING MEDIUM GRAY PAINTED TILT-UP PANEL
- **03 47 13.XXX** EXISTING MEDIUM BLUE PAINTED TILT-UP PANEL
- **03 47 13.XXX** EXISTING LIGHT GRAY PAINTED TILT-UP PANEL

ALTERNATE 02 - PAINT BUILDING EXTERIOR
BASE BID: EXTERIOR BUILDING PAINT TO REMAIN UNCHANGED, EXCEPT AS NOTED ON A501
ALTERNATE: PAINT ALL BUILDING EXTERIOR FACADES (USING A 4 COLOR SCHEME)

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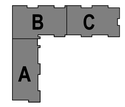
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
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CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN TRUE



09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

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DRAWN BY: Author

EXTERIOR ELEVATIONS

A-501

Plot Stamp:
9/24/2025 4:19:32 PM

04 FLOOR EXPANSION JOINT
3" = 1'-0"

03 PLAN DETAIL EXPANSION JOINT - INT.
1 1/2" = 1'-0"

02 MULLION MATE DETAIL TYP.
1 1/2" = 1'-0"

01 PLAN DETAIL - PARTITION CLOSURE DEVICE
1 1/2" = 1'-0"

07 CEILING EXPANSION JOINT
3" = 1'-0"

06 PLAN DETAIL EXPANSION JOINT - EXT.
1 1/2" = 1'-0"

05 MULLION MATE DETAIL
1 1/2" = 1'-0"

0"
1"

PLAN DETAILS
A-701
FOR BLUEBEAM LABELING/OCR:

Plot Stamp:
9/24/2025 4:19:35 PM

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SAN ANTONIO, TX
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TX FIRM: BR 1608

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

KEY PLAN
NORTH: PLAN

REGISTERED ARCHITECT
JESSICA BRUNO
20575
STATE OF TEXAS

09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

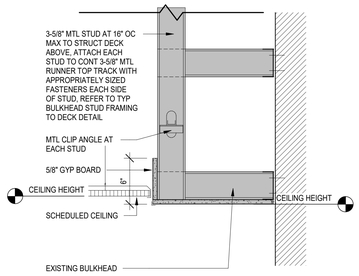
PLAN DETAILS

A-701

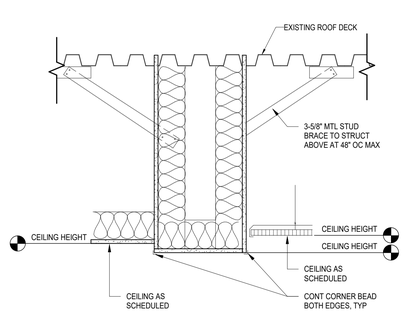
0"

1"

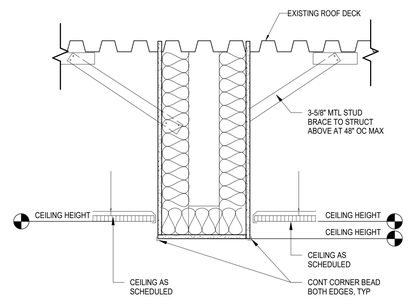
CEILING DETAILS
A-731
FOR BLUEBEAM LABELING/OCR:



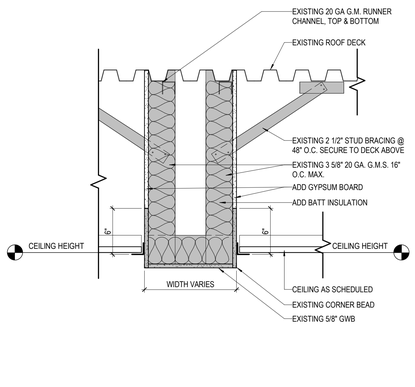
13 CEILING DETAIL
1 1/2" = 1'-0"



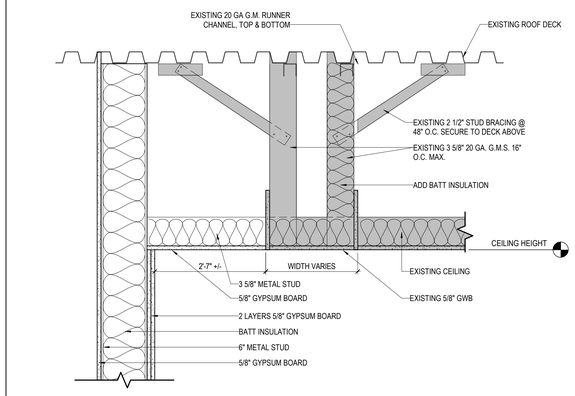
12 CEILING DETAIL
1 1/2" = 1'-0"



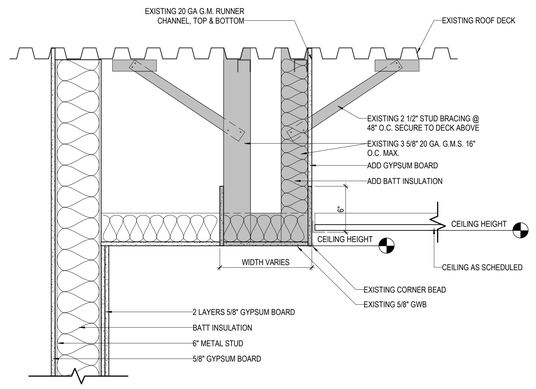
11 CEILING DETAIL
1 1/2" = 1'-0"



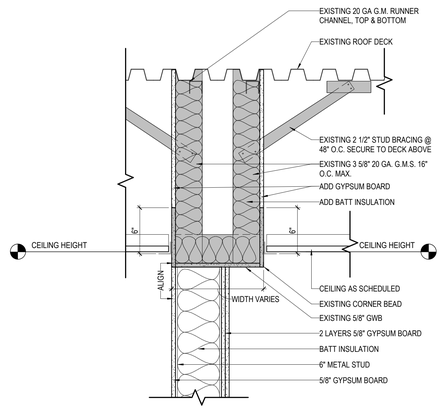
10 CEILING BULKHEAD
1 1/2" = 1'-0"



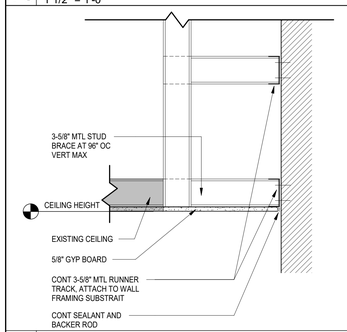
09 CEILING BULKHEAD
1 1/2" = 1'-0"



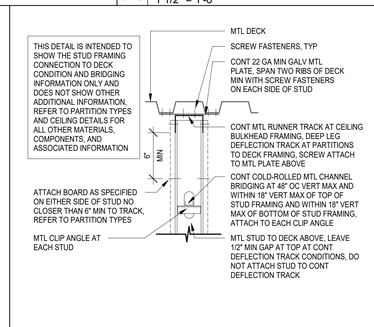
08 CEILING BULKHEAD
1 1/2" = 1'-0"



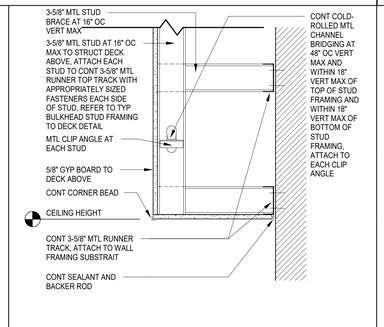
07 CEILING BULKHEAD
1 1/2" = 1'-0"



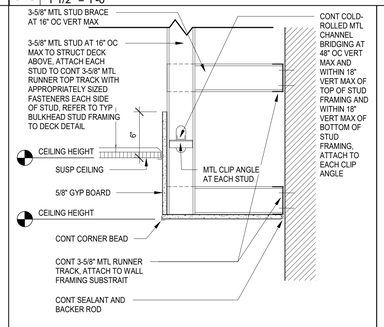
06 CEILING DETAIL
1 1/2" = 1'-0"



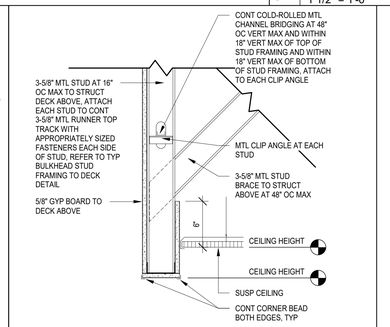
05 TYP BULKHEAD STUD FRAMING TO DECK
1 1/2" = 1'-0"



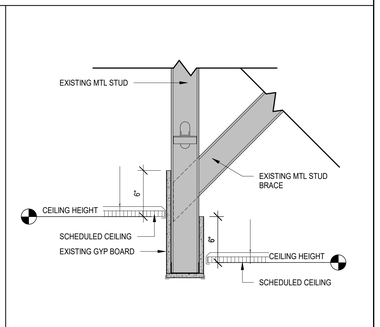
04 CEILING DETAIL
1 1/2" = 1'-0"



03 CEILING DETAIL
1 1/2" = 1'-0"



02 CEILING DETAIL
1 1/2" = 1'-0"



01 CEILING DETAIL
1 1/2" = 1'-0"

Plot Stamp:
9/24/2025 4:19:37 PM

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

REGISTERED ARCHITECT
JESSICA BRIEDE
20575
STATE OF TEXAS
09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

CEILING DETAILS

A-731

0"

1"

PARTITION TYPES
A-801

FOR BLUEBEAM LABELING/OCR:

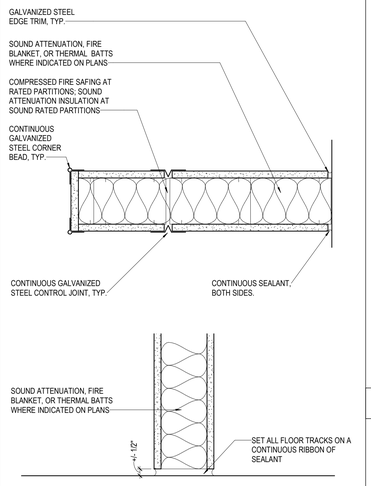
BRACE FRAMING FOR 3-5/8" STUDS

STUD TYPE	STUD PROP.	SPACING	MAX. LENGTH	MISCELLANEOUS
SJ 20 (40 KSI) (20 GA.)	1X = 0.541 IN^4	4'-0" O.C.	14'-0"	BRACE AT MID-POINT FOR LENGTHS OVER 14'-0"
	rx = 1.429 IN			
	A = 0.2136 IN^2			
	Sx = 0.273 IN^3			

BRACE FRAMING FOR 6" STUDS

STUD TYPE	STUD PROP.	SPACING	MAX. LENGTH	MISCELLANEOUS
SJ 20 (40 KSI) (20 GA.)	1X = 1.787 IN^4	4'-0" O.C.	20'-0"	BRACE AT MID-POINT FOR LENGTHS OVER 20'-0"
	rx = 2.253 IN			
	A = 0.2148 IN^2			
	Sx = 0.539 IN^3			

07 PARTITION TYPES-BRACING CHART
12" = 1'-0"



06 PARTITION TYPES-TYP DETAILS
12" = 1'-0"

HOW TO USE THIS SHEET

1. NOT EVERY PARTITION TYPE SHOWN IS NECESSARILY INTENDED FOR USE ON THIS PROJECT, REFER TO FLOOR PLANS FOR REFERENCE MARKS INDICATING APPLICABLE PARTITION TYPES.
2. REFER TO BRACING DETAILS FOR SUPPORT OF THE TOP OF EACH PARTITION TYPE AND BRACING OF PARTITIONS THAT EXCEED LIMITING HEIGHT OF PARTITION TYPES.
3. REFER TO FINISH SCHEDULES FOR APPLIED FINISHES TO BOTH SIDES OF WALLS.
4. COORDINATE TOPS OF FINISHED WALLS WITH ADJACENT CEILING HEIGHTS PER SCHEDULES, SECTIONS AND OR DETAILS.
5. CONSULT ARCH. FOR ANY DISCREPANCIES OR QUESTIONS REGARDING PARTITIONS PRIOR TO INSTALLATION.

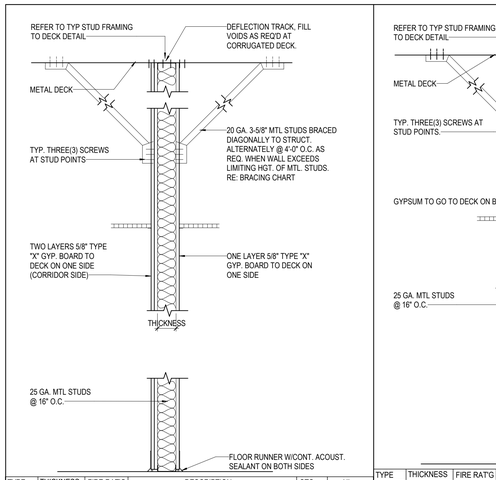
INTERIOR METAL STUD PARTITION NOTES

1. ALL METAL STUD PARTITIONS SHALL BE 25 GAUGE METAL STUDS AT 16" O.C. U.N.O., IF THE LIMITING HEIGHT FOR A 25 GAUGE METAL STUD PARTITION IS EXCEEDED, INCREASE GAUGE OF STUDS. NOTIFY ARCH. PRIOR TO INSTALLATION.
2. PROVIDE 20 GAUGE METAL STUDS, IN LIEU OF 25 GAUGE METAL STUDS, AT STUD WALL WITH TILE FINISHES.
3. METAL STUD PARTITION BRACING
   - A. WHERE BRACING METHODS BETWEEN THIS SHEET AND STRUCT. CONFLICT, STRUCT. SHALL OVERRIDE, NOTIFY ARCH. PRIOR TO INSTALLATION
   - B. PROVIDE INTERMEDIATE BRACING AT ALL METAL STUD PARTITIONS THAT EXCEED THE VERTICAL LIMIT HEIGHT OF METAL STUDS
   - C. ALL BRACING SHALL BE AT STUD POINTS
4. SET ALL FLOOR TRACKS ON A CONTINUOUS RIBBON OF SEALANT.
5. USE CONT. DEEP LEG DEFLECTION TRACK AT TOP OF ALL PARTITION CONNECTIONS AT TOP-OF-DECK LOCATIONS, REFER TO "TYP STUD FRAMING TO DECK" DETAIL.
6. RIGIDLY BRACE ALL DOOR FRAMES AT THE HEAD, HINGE, AND STRIKE SIDES, RIGIDLY BRACE ALL WINDOW FRAMES AT THE HEAD, JAMBS, AND SILL.
7. LOCATE CONTROL JOINTS IN GYPSUM BOARD PARTITIONS AS FOLLOWS
   - A. PARTITIONS OR FURRING EXCEEDING 30'-0" SPANS HORIZ. AND OR VERT.
   - B. WHERE A PARTITION ABUTS A STRUCTURAL ELEMENT OR DISSIMILAR WALL
   - C. AT CHANGES WITHIN PLANE OF PARTITION
   - D. AT EXPANSION JOINTS
   - E. AT BOTH JAMBS OF INTERIOR AND EXTERIOR DOOR FRAMES AND WINDOW FRAMES, ABOVE AND BELOW FOR FULL HEIGHT OF WALL
8. FIRE-RATED PARTITIONS
   - A. REFER TO THE UL FIRE RESISTANCE DIRECTORY FOR DETAILED DESCRIPTIONS OF FIRE-RATED PARTITIONS
   - B. PROVIDE TYPE "X" FIRE RESISTIVE GYPSUM BOARD, 5/8" THICK U.N.O.
   - C. FILL ALL GAPS AND DECK VOIDS WITH CONT. FIRESAFING INSUL.
   - D. SEAL BOTTOM OF PARTITION ON BOTH SIDES, PARTITION PERIMETER, AND ALL PENETRATIONS WITH CONT. FIRE-RATED SEALANT
9. PARTITIONS WITH SOUND ATTENUATION BATT INSUL. BLANKETS
   - A. PROVIDE FULL THICK SOUND ATTENUATION BATT INSUL. BLANKETS FULL HEIGHT OF PARTITION U.N.O.
   - B. FILL ALL GAPS AND DECK VOIDS WITH CONT. SOUND ATTENUATION SAFING INSUL.
   - C. TAPE AND BED OR CAULK ALL JOINTS BETWEEN GYPSUM BOARD PANELS
   - D. SEAL BOTTOM OF PARTITION ON BOTH SIDES, PARTITION PERIMETER, AND ALL PENETRATIONS WITH CONT. ACOUSTICAL SEALANT (USE SEALANT INDICATED IN ITEM ABOVE, IN LIEU OF ACOUSTICAL SEALANT, AT PARTITIONS DESIGNATED AS FIRE-RATED PARTITIONS)

PARTITION SYMBOL LEGEND

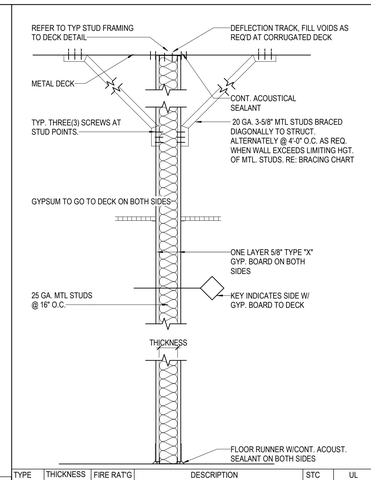
BATT INSULATION

SCHEDULED CEILING



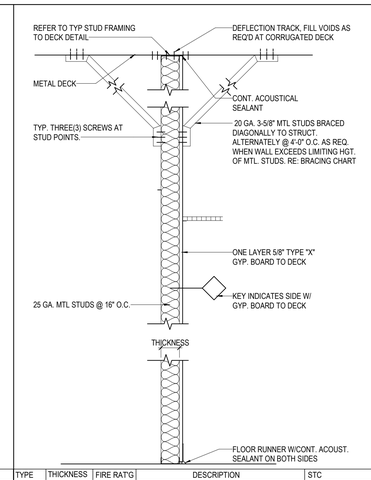
TYPE	THICKNESS	FIRE RAT'G	DESCRIPTION	STC	UL
C3.1	3 5/8"	1HR	3-5/8" METAL STUDS TO DECK	47	
C6.1	6"	1HR	6" METAL STUDS TO DECK	51	

05 PARTITION TYPE C-
1" = 1'-0"



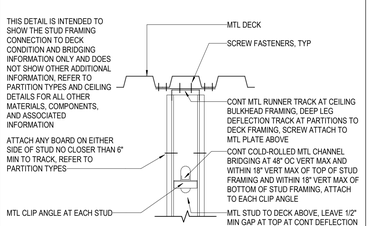
TYPE	THICKNESS	FIRE RAT'G	DESCRIPTION	STC	UL
S3	3 5/8"	NONE	3 5/8" METAL STUDS TO DECK	49	
S3.1	3 5/8"	1 HR	3 5/8" METAL STUDS TO DECK	49	
S6	6"	NONE	6" METAL STUDS TO DECK	51	
S6.1	6"	1 HR	6" METAL STUDS TO DECK	51	

04 PARTITION TYPE - S [TO DECK]
1" = 1'-0"

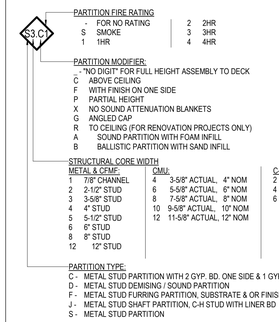


TYPE	THICKNESS	FIRE RAT'G	DESCRIPTION	STC
F3	3 5/8"	NONE	3 5/8" METAL STUDS TO DECK	N/A
F6	6"	NONE	6" METAL STUDS TO DECK	N/A

03 PARTITION TYPE - F TO DECK]
1" = 1'-0"



02 PARTITION TYPES-STUD FRAMING TO DECK
1 1/2" = 1'-0"



01 PARTITION TAG LEGEND
1/8" = 1'-0"

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210-829-0123

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

KEY PLAN
NORTH: PLAN

REGISTERED ARCHITECT JESSICA A BRENNAN 20575 STATE OF TEXAS

09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker

DRAWN BY: Author

PARTITION TYPES

A-801

Plot Stamp:
9/24/2025 4:19:38 PM

DOOR SCHEDULE - PANEL & FRAME TYPES

A-811

FOR BLUEBEAM LABELING/DOCR:

0"

1"

DOOR SCHEDULE - NEW

NUMBER	SINGLE/PAIR	DOOR WIDTH	HEIGHT	PANEL TYPE	PANEL MATL	PANEL FINISH	FRAME TYPE	FRAME MATL	FRAME FINISH	REMARKS
LEVEL 1										
E102	SINGLE	3'-0"	8'-10"	NV-1	WS	PTD	001	AL	ANODIZED	-
E104	SINGLE	3'-0"	8'-10"	NV-1	WS	PTD	001	AL	ANODIZED	-
E107	SINGLE	3'-0"	8'-10"	NV-1	WS	PTD	001	AL	ANODIZED	-
E113	PAIR	3'-0"1'-6"	8'-10"	NV-1/F	WS	PTD	001	AL	ANODIZED	2, 9
E113A	PAIR	3'-0"3'-0"	8'-10"	F/F	WS	PTD	001	AL	ANODIZED	2, 9
E113A.1	PAIR	3'-0"3'-0"	7'-6"	FG-1/FG-1	AL	ANODIZED	RE ELEV	AL	ANODIZED	1, 2, 4, 9
E113A.2	PAIR	3'-0"3'-0"	8'-10"	F/F	WS	PTD	001	AL	ANODIZED	2,9
E113A.3	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	9
E120	PAIR	3'-0"1'-6"	8'-10"	NV-1/F	WS	PTD	001	AL	ANODIZED	2,9
E123	SINGLE	3'-0"	8'-10"	NV-1	WS	PTD	001	AL	ANODIZED	9
E125	SINGLE	3'-0"	8'-10"	NV-1	WS	PTD	001	AL	ANODIZED	9
E126	PAIR	3'-0"1'-6"	8'-10"	NV-1/F	WS	PTD	001	AL	ANODIZED	2, 9
E129	PAIR	3'-0"3'-0"	8'-10"	F/F	WS	PTD	001	AL	ANODIZED	2, 9
E129.1	PAIR	3'-0"3'-0"	7'-6"	FG-1/FG-1	AL	ANODIZED	RE ELEV	AL	ANODIZED	1, 2, 4, 9
E129.2	PAIR	3'-0"3'-0"	8'-10"	F/F	WS	PTD	001	AL	ANODIZED	2, 9
E129.3	SINGLE	3'-0"	8'-10"	NV-1	WS	PTD	001	AL	ANODIZED	9
E134	PAIR	3'-0"1'-6"	8'-10"	NV-1/F	WS	PTD	001	AL	ANODIZED	2, 9
E135	SINGLE	3'-0"	8'-10"	NV-1	WS	PTD	001	AL	ANODIZED	-
E138	SINGLE	3'-0"	8'-10"	NV-1	WS	PTD	001	AL	ANODIZED	-
E141	SINGLE	3'-0"	8'-10"	NV-1	WS	PTD	001	AL	ANODIZED	2, 8
E142	SINGLE	3'-0"	8'-10"	NV-1	WS	PTD	001	AL	ANODIZED	2, 8
E145	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	2, 4
E146	SINGLE	3'-0"	8'-10"	NV-1	WS	PTD	001	AL	ANODIZED	2, 8
EC2.1	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	1, 10
EC5.1	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	1, 10
S100	PAIR	3'-0"3'-0"	8'-0"	FG-1/FG-1	AL	ANODIZED	RE ELEV	AL	ANODIZED	1, 2, 4
S100A	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	2
S101	PAIR	3'-0"3'-0"	8'-0"	FG-1/FG-1	AL	ANODIZED	RE ELEV	AL	ANODIZED	1
S103	SINGLE	3'-0"	8'-10"	NV-1	WS	PTD	001	AL	ANODIZED	-
S103A	SINGLE	3'-0"	8'-10"	FG-1	WS	PTD	011	AL	ANODIZED	-
S103B	SINGLE	3'-0"	8'-10"	FG-1	AL	PTD	011	AL	ANODIZED	-
S103C	SINGLE	3'-0"	8'-10"	FG-1	AL	PTD	011	AL	ANODIZED	-
S106	SINGLE	3'-0"	8'-10"	NV-1	WS	PTD	001	AL	ANODIZED	-
S107	PAIR	3'-0"1'-6"	8'-10"	NV-1/F	WS	PTD	001	AL	ANODIZED	2
S107A	SINGLE	3'-0"	8'-10"	NV-1	WS	PTD	001	AL	ANODIZED	2
S114	PAIR	3'-0"1'-6"	8'-10"	NV-1/F	WS	PTD	001	AL	ANODIZED	2
S114A	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	-
S114B	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	2
S114C	TRIPLE	6'-9"	8'-10"	HMS	AL	ANODIZED	001	AL	ANODIZED	-
S114D	TRIPLE	6'-9"	8'-10"	HMS	AL	ANODIZED	001	AL	ANODIZED	-
S117	PAIR	3'-0"1'-6"	8'-10"	NV-1/F	WS	PTD	001	AL	ANODIZED	-
S118	PAIR	3'-0"1'-6"	8'-10"	NV-1/F	WS	PTD	001	AL	ANODIZED	2
S119	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	RE ELEV	AL	ANODIZED	6, 9
S120	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	RE ELEV	AL	ANODIZED	6, 9
S121	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	-
S122	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	RE ELEV	AL	ANODIZED	6, 9
S123	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	RE ELEV	AL	ANODIZED	6, 9
S124	PAIR	3'-0"1'-6"	8'-10"	NV-1/F	WS	PTD	001	AL	ANODIZED	2
S124A.1	PAIR	3'-0"1'-6"	8'-10"	NV-1/F	WS	PTD	001	AL	ANODIZED	2
S124A.2	PAIR	3'-0"1'-6"	8'-10"	NV-1/F	WS	PTD	001	AL	ANODIZED	2
S127	PAIR	3'-0"1'-6"	8'-10"	NV-1/F	WS	PTD	001	AL	ANODIZED	2
S131	PAIR	3'-0"1'-6"	8'-10"	NV-1/F	WS	PTD	001	AL	ANODIZED	2
S131A	PAIR	3'-0"1'-6"	8'-10"	NV-1/F	WS	PTD	001	AL	ANODIZED	2
53										

REF SPECS FOR HARDWARE SET

DOOR SCHEDULE - EXISTING

NUMBER	SINGLE/PAIR	WIDTH	HEIGHT	PANEL TYPE	MATL	FINISH	FRAME TYPE	MATL	FINISH	REMARKS
LEVEL 1										
S107.1	SINGLE	3'-0"	7'-0"	FG-1	AL	ANODIZED	011	AL	ANODIZED	1, 2, 4
S126.1E	SINGLE	3'-0"	7'-0"	FG-1	AL	ANODIZED	011	AL	ANODIZED	1, 2, 4
S130A.1	SINGLE	3'-0"	9'-8 1/2"	FG-1	AL	ANODIZED	011	AL	ANODIZED	1, 2, 4
XE8	SINGLE	3'-0"	7'-0"	FG-1	AL	ANODIZED	011	AL	ANODIZED	1, 2, 4
XE100B	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XE101	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XE103	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XE105	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XE107.1	SINGLE	3'-0"	7'-0"	FG-1	AL	ANODIZED	011	AL	ANODIZED	1, 2, 4
XE109	SINGLE	3'-0"	8'-7"	FG-1	AL	ANODIZED	011	AL	ANODIZED	7
XE109.1	SINGLE	3'-0"	8'-7"	FG-1	AL	ANODIZED	011	AL	ANODIZED	7
XE110	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XE111	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XE112	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XE114	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XE115	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XE116	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	2, 4
XE117	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XE118	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XE119	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XE120.1	SINGLE	3'-0"	7'-0"	FG-1	AL	ANODIZED	011	AL	ANODIZED	1, 2, 4
XE122	SINGLE	3'-0"	8'-9 1/2"	FG-1	AL	ANODIZED	011	AL	ANODIZED	7
XE122.1	SINGLE	3'-0"	8'-9 1/2"	FG-1	AL	ANODIZED	011	AL	ANODIZED	7
XE124	PAIR	6'-0"	7'-0"	FG-1	AL	ANODIZED	STOREFRONT	AL	ANODIZED	1, 2, 4
XE126.1	SINGLE	3'-0"	7'-0"	FG-1	AL	ANODIZED	011	AL	ANODIZED	1, 2, 4
XE127	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XE128	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XE130	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XE131	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XE132	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XE133	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XE135.1	SINGLE	3'-0"	7'-0"	FG-1	AL	ANODIZED	011	AL	ANODIZED	1, 2, 4
XE137	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XE139	PAIR	6'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XE140	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XE141A	PAIR	6'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XE141A.1	PAIR	6'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XE142.1	SINGLE	3'-0"	7'-0"	FG-1	AL	ANODIZED	011	AL	ANODIZED	1, 2, 4
XE142A	PAIR	6'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XE142A.1	PAIR	6'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XE142B	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XE143	SINGLE	3'-0"	6'-10"	F	WS	PTD	011	AL	ANODIZED	7
XE143.1	SINGLE	3'-0"	7'-0"	FG-1	AL	ANODIZED	011	AL	ANODIZED	1, 2, 4
XE144	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XE146.1	SINGLE	3'-0"	7'-0"	FG-1	AL	ANODIZED	011	AL	ANODIZED	1, 2, 4
XE146A	PAIR	6'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XE146A.1	PAIR	6'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XE146B	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XE147	PAIR	6'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	2
XE148	PAIR	6'-0"	8'-10"	F	HM	PTD	001	AL	ANODIZED	7
XE149	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XE149.1	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XE150	SINGLE	3'-0"	7'-0"	FG-1	AL	ANODIZED	011	AL	ANODIZED	2, 4
XEC7	PAIR	6'-0"	8'-10"	F	HM	PTD	001	AL	ANODIZED	7
XEC8	PAIR	6'-0"	8'-10"	F	HM	PTD	001	AL	ANODIZED	7
XS102	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XS102A	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XS104	SINGLE	3'-0"	8'-7"	FG-1	AL	ANODIZED	011	AL	ANODIZED	7
XS104.1	SINGLE	3'-0"	8'-7"	FG-1	AL	ANODIZED	011	AL	ANODIZED	7
XS105	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XS108	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XS109	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XS110	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XS112	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XS113	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XS114C.1	SINGLE	3'-0"	7'-0"	FG-1	AL	ANODIZED	011	AL	ANODIZED	1, 2, 4
XS115	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XS116	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XS125	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	2, 4
XS126	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XS128	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XS129	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XS130	SINGLE	3'-6"	8'-10"	FG-1S	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XS132	PAIR	6'-0"	8'-9 1/2"	FG-1	AL	ANODIZED	STOREFRONT	AL	ANODIZED	7
XS132.1	SINGLE	3'-1 1/2"	8'-9 1/2"	FG-1	AL	ANODIZED	011	AL	ANODIZED	7
XS132.2	SINGLE	3'-0"	7'-0"	FG-1	AL	ANODIZED	011	AL	ANODIZED	1, 2, 4
XS132A	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XS132B	PAIR	6'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XS132D	SINGLE	3'-0"	8'-9 1/2"	FG-1	AL	ANODIZED	011	AL	ANODIZED	7
XS133	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XS134	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XS135	SINGLE	3'-0"	8'-10"	F	WS	PTD	001	AL	ANODIZED	7
XSC5	PAIR	6'-0"	7'-0"	FG-1	AL	ANODIZED	STOREFRONT	AL	ANODIZED	1, 2, 4
83										

MATERIALS

ALUM - ALUMINUM
ANO - ANODIZED
WS - WOOD, SOLID CORE
PTD# - PAINTED TYPE

REMARKS LEGEND

1. WITH EGRESS DEVICE
2. CARD READER
3. FIRE DOOR
4. DOOR CONTACT
5. NEW DOOR IN EXISTING STOREFRONT, FIELD VERIFY HEIGHT OF EXISTING HORIZONTAL MULLION
6. PART OF DEMOUNTABLE WALL SYSTEM
7. EXISTING DOOR, NO CHANGES
8. EXISTING FRAME, NEW DOOR
9. DOOR TO BE REMOVED IF ALTERNATE 5 IS ACCEPTED
10. DOOR IS PART OF ALTERNATE 5

GLAZING MATERIALS LEGEND

GI1
THERMALLY-INSULATED GLAZING UNIT, TYPE 1
(ALL EXTERIOR GLAZING U.N.O.)

GT1
TEMPERED GLASS, CLEAR
(ALL INTERIOR GLAZING IS U.N.O.)

DOOR FRAME LEGEND

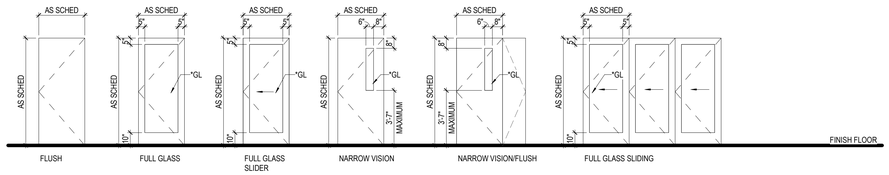
ALUMINUM METAL FRAMES

SILL IN EXT. CONC. TILT UP CFMF WALL: 04/A-851
JAMB IN EXT. CONC. TILT UP CFMF WALL: 12/AS402A
HEAD IN EXT. CONC. TILT UP CFMF WALL: 09/AS402A



02 DOOR FRAME CONFIGURATIONS

*GL = REF MATERIALS LEGEND FOR GLAZING TYPE



01 DOOR PANEL TYPES

PBK
www.pbk.com
TX FIRM: BR 1608
SAN ANTONIO, TX
210-829-0123

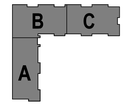
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN

NORTH: PLAN



09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

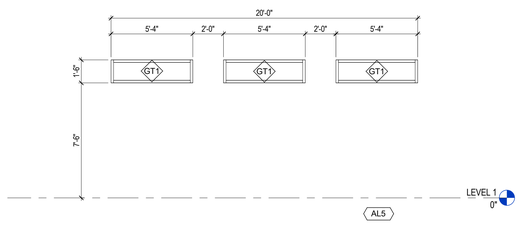
DOOR SCHEDULE - PANEL & FRAME TYPES

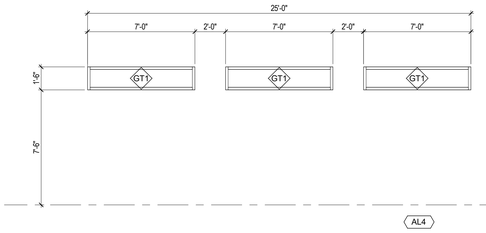
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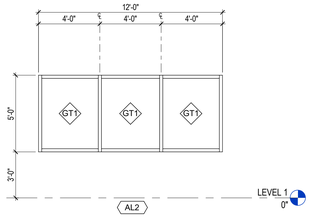
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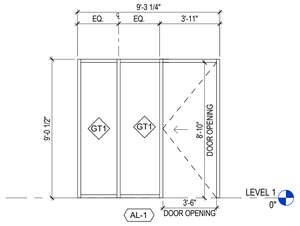
WINDOW AND STOREFRONT ELEVATIONS
A-831
FOR BLUEBEAM LABELING/OCR:

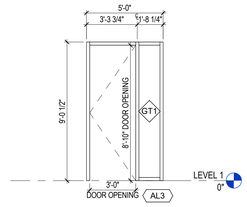
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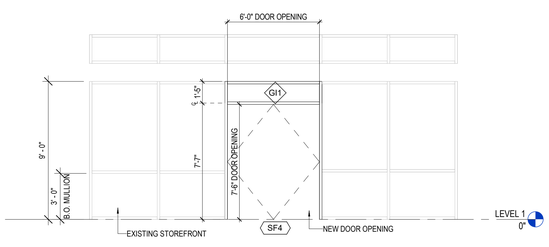


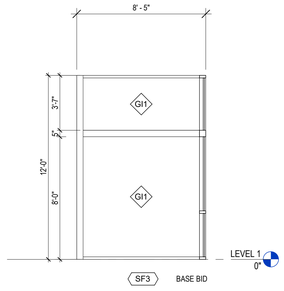


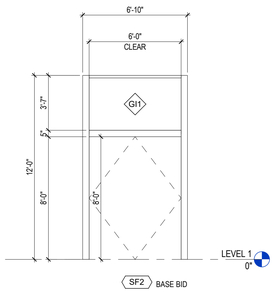


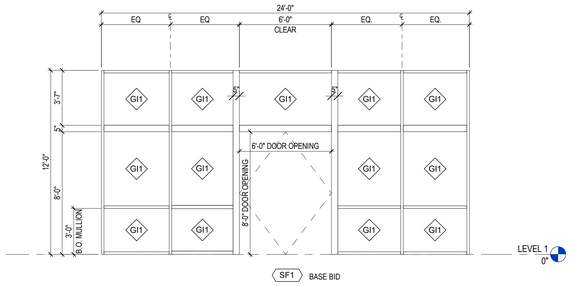


02 ALUMINUM FRAME WINDOWS
1/4" = 1'-0"









01 STOREFRONTS
1/4" = 1'-0"

GENERAL GLAZING NOTES

1. PROVIDE BACK PAINTED SPANDREL GLAZING AT ALL EXTERIOR AND INTERIOR GLAZING PANELS ABOVE INTERIOR CEILINGS. COLOR AND PATTERN AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.

GENERAL WINDOW, CURTAIN WALL, & STOREFRONT ELEVATION NOTES

1. REFER TO FRAME DETAIL LEGEND FOR FRAME DETAILS, TYPICAL FOR ALL STOREFRONT, WINDOW, AND CURTAIN WALL FRAMES.
2. FILM TO BE PROVIDED AT ALL GLASS IN CORE AREAS.

GLAZING MATERIALS LEGEND

GI1
THERMALLY-INSULATED GLAZING UNIT, TYPE 1
(ALL EXTERIOR GLAZING U.N.O.)

GT1
TEMPERED GLASS, CLEAR
(ALL INTERIOR GLAZING IS U.N.O.)

PBK
www.pbk.com
TX FIRM: BR 1608
SAN ANTONIO, TX
210-829-0123

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

KEY PLAN
NORTH: PLAN

REGISTERED ARCHITECT
JESSICA BRIENEN
20575
STATE OF TEXAS
09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

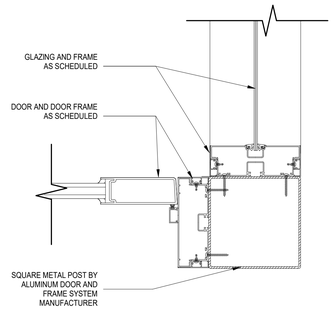
WINDOW AND STOREFRONT ELEVATIONS

A-831

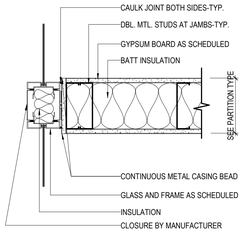
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DOOR DETAILS
A-851
FOR BLUEBEAM LABELING/OCR:

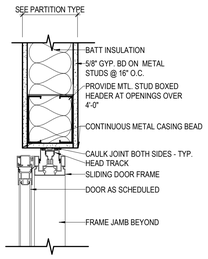
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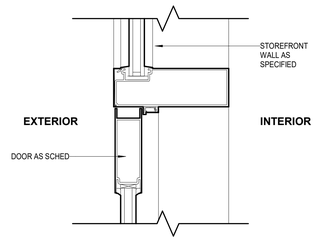
15 DOOR DETAIL - SF CORNER JAMB
3" = 1'-0"



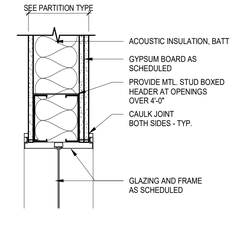
14 JAMB DETAIL
1 1/2" = 1'-0"



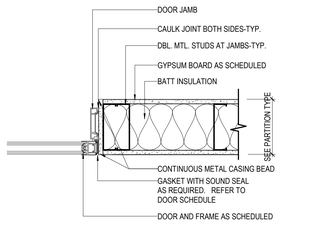
13 DOOR DETAIL - HEAD (SLIDING)
1 1/2" = 1'-0"



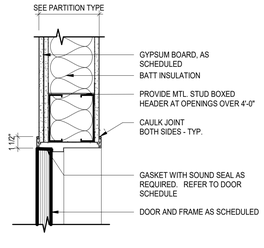
12 DOOR DETAIL -SF HEAD
3" = 1'-0"



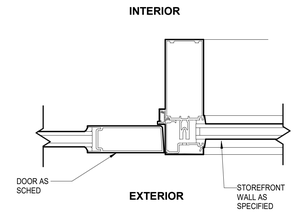
11 WINDOW DETAIL - AL HEAD/SILL
1 1/2" = 1'-0"



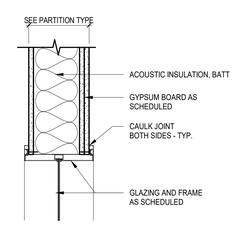
10 DOOR DETAIL - JAMB (SLIDING)
1 1/2" = 1'-0"



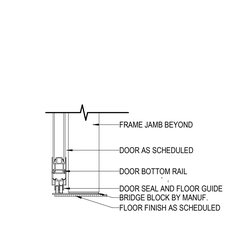
09 DOOR DETAIL - AL HEAD
1 1/2" = 1'-0"



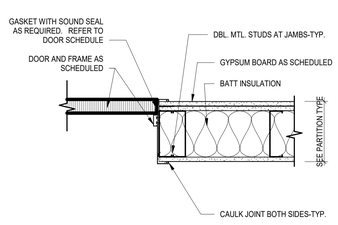
08 DOOR DETAIL -SF JAMB
3" = 1'-0"



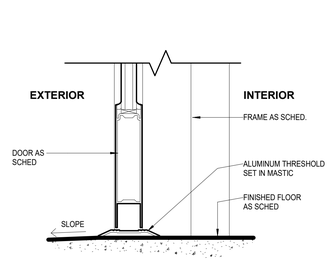
07 WINDOW DETAIL - AL JAMB
1 1/2" = 1'-0"



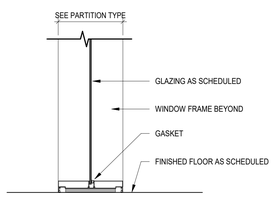
06 DOOR DETAIL - SILL (SLIDING)
1 1/2" = 1'-0"



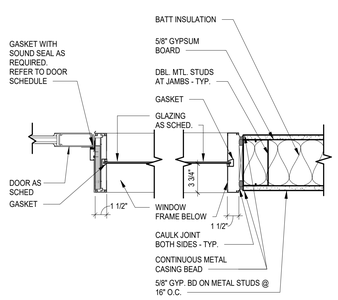
05 DOOR DETAIL - AL JAMB
1 1/2" = 1'-0"



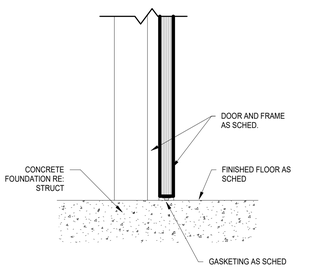
04 DOOR DETAIL -SF SILL
3" = 1'-0"



03 DOOR DETAIL - AL SILL SIDELIGHT
1 1/2" = 1'-0"



02 DOOR DETAIL - AL JAMB-SIDELIGHT
1 1/2" = 1'-0"



01 DOOR DETAIL - SILL
1 1/2" = 1'-0"

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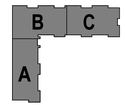
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN

REGISTERED ARCHITECT
JESSICA BRUNI
20575
STATE OF TEXAS
09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

DOOR DETAILS

A-851

FINISH SCHEDULE
A-900
FOR BLUEBEAM LABELING/OCR:

0"
1"

WALL FINISH SCHEDULE

ROOM DATA		BASE	WALL FINISHES				
NUMBER	NAME	FINISH	NORTH	EAST	SOUTH	WEST	COMMENTS
E100B	STOR. CLOSET	-	-	-	-	-	
E101	OFFICE	-	-	-	-	-	
E102	HYFLEX CLASSROOM	RB-1A	PT-2,PT-3	PT-2	PT-2	PT-2	
E103	OFFICE	-	-	-	-	-	
E104	CLASSROOM	RB-1A	PT-2,PT-3	PT-2	PT-2	PT-2	
E105	OFFICE	-	-	-	-	-	
E106	WORKROOM	-	PT-2	PT-2	PT-2	PT-2	
E107	CLASSROOM	RB-1A	PT-2,PT-3	PT-2	PT-2	PT-2	
E108	STUDY/WAITING	RB-1A	-	PT-2,PT-3	PT-2, PT-3	PT-2, PT-3	
E109	CONFERENCE	-	-	-	-	-	
E110	COLLAB RM	-	-	-	-	-	
E111	OFFICE	-	-	-	-	-	
E112	CONFERENCE RM	-	-	-	-	-	
E113	COMMERCIAL ELECTRICAL LAB	RB-1A	PT-2,PT-3	PT-2	PT-2	PT-2	
E113A	ELECTRICAL LAB STORAGE	RB-1A	PT-2	PT-2	PT-2	PT-2	
E113A.3	WH CLOSET						
E113A.4	ROOM						
E113A.5	ROOM						
E114	WOMENS RR	-	-	-	-	-	
E115	MENS RR	-	-	-	-	-	
E116	IDF	-	-	-	-	-	
E117	ELEC	-	-	-	-	-	
E118	HOTELING	-	-	-	-	-	
E119	HOTELING	-	-	-	-	-	
E120	RESIDENTIAL ELECTRICAL LAB	RB-1A	PT-2,PT-3	PT-2	PT-2	PT-2	
E121	COPY/PRINT	RB-1A	PT-2	PT-2	PT-2	PT-2	
E122	CONFERENCE RM	-	-	-	-	-	
E123	CLASSROOM	RB-1A	PT-2	PT-2	PT-2	PT-2, PT-3	
E124	STUDENT LOUNGE	RB-1A	PT-2	PT-2	PT-2	PT-2	
E125	CLASSROOM	RB-1A	PT-2	PT-2	PT-2, PT-3	PT-2	
E126	ELECTRICAL ENGINEERING TECHNOLOGY	RB-1A	PT-2	PT-2	PT-2, PT-3	PT-2	
E127	HOTELING	-	-	-	-	-	
E128	HOTELING	-	-	-	-	-	
E129	ELECTRICAL ENGINEERING STORAGE	RB-1A	PT-2	PT-2	PT-2	PT-2	
E130	COLLAB	-	-	-	-	-	
E131	COLLAB	-	-	-	-	-	
E132	COLLAB	-	-	-	-	-	
E133	OFFICE	-	-	-	-	-	
E134	ELECTRICAL ENGINEERING TECHNOLOGY	RB-1A	PT-2	PT-2	PT-2, PT-3	PT-2	
E135	CLASSROOM	RB-1A	PT-2	PT-2	PT-2, PT-3	PT-2	
E136	CLASSROOM	RB-1A	PT-2	PT-2	PT-2, PT-3	PT-2	
E137	OFFICE	-	-	-	-	-	
E138	CLASSROOM	RB-1A	PT-2	PT-2	PT-2, PT-3	PT-2	
E139	STORAGE	-	-	-	-	-	
E140	UNISEX RR	-	-	-	-	-	
E141	COMPUTER LAB	-	PT-2	PT-2	PT-2	PT-2	
E141A	STORAGE	-	-	-	-	-	
E142	CYBER LAB	-	PT-2	PT-2	PT-2	PT-2	
E142A	STORAGE	-	-	-	-	-	
E142B	CLOSET	-	-	-	-	-	
E143	MAINTENANCE	-	-	-	-	-	
E144	STORAGE	-	-	-	-	-	
E145	INSTRUCT. IDF	RB-1A	PT-2	PT-2	PT-2	PT-2	
E146	CISCO LAB	-	PT-2	PT-2	PT-2	PT-2	
E146A	STORAGE	-	-	-	-	-	
E146B	WATER SOFTENER CLOSET	-	-	-	-	-	
E147	WORK ROOM AND STORAGE	RB-1A	PT-2	PT-2	PT-2	PT-2	
E148	MDF	-	-	-	-	-	
E149	ELEC	-	-	-	-	-	
E150	FIRE RISER	-	-		-	-	
EC1	CORRIDOR	RB-1A	-	PT-2,PT-3		-	
EC2	CORRIDOR	RB-1A	-	-	PT-2, PT-3	-	
EC3	CORRIDOR	RB-1A	PT-2,PT-3	-	PT-2, PT-3	-	
EC4	CORRIDOR	RB-1A	-	-	-	-	
EC5	CORRIDOR	RB-1A	PT-2,PT-3	-		-	
EC6	CORRIDOR	RB-1A	PT-2,PT-3	-	PT-2, PT-3	-	
EC7	CORRIDOR	RB-1A	PT-2	-	PT-2	-	
EC8	CIRCULATION	RB-1A	PT-2	PT-2	PT-2	PT-2	
EC701	STUDENT LOUNGE	RB-1A	-	PT-2	PT-2, PT-3	-	
S100A	STORAGE	RB-1A	PT-2	PT-2	PT-2	PT-2	
S101	LOBBY	RB-1A	PT-2	PT-2	PT-2, PT-3	PT-2, PT-3	PT-3 AT ALL 4 WALLS OF BOTH COLUMNS
S101	VESTIBULE	-	-	-	-	-	
S101A	RECEPTION	-	-	-	-	PT-2	
S102	POLICE	-	-	-	-	-	
S102A	CLOSET	-	-	-	-	-	
S103	TEST WAITING	RB-1A	PT-2	PT-2	PT-2	PT-2	
S103A	TESTING CENTER	RB-1A	PT-2	PT-2	PT-2	PT-2	
S103B	TEST RM 2	RB-1A	PT-2	PT-2	PT-2	PT-2	
S103C	TEST RM 1	RB-1A	PT-2	PT-2	PT-2	PT-2	
S104	LIBRARY	RB-1A	PT-2	-	-	-	
S105	OFFICE	-	-	-	-	-	
S106	ADJUNCT SUITE	RB-1A	PT-2	PT-2	PT-2	PT-2	
S107	NURSING SKILLS	RB-1A	PT-2	PT-2	PT-2	PT-2, PT-4	
S107A	NURSING STORAGE	RB-1A	PT-2	PT-2	PT-2	PT-2	
S107B	STUDENT LOUNGE						
S108	OFFICE	-	-	-	-	-	
S109	OFFICE	-	-	-	-	-	
S110	OFFICE	-	-	-	-	-	
S111	COPY/PRINT	RB-1A	-	PT-2	PT-2	PT-2	
S112	WOMEN RR	-	-	-	-	-	
S113	MEN RR	-	-	-	-	-	
S114	SIM SUITE	RB-1A	PT-2,PT-4	PT-2	PT-2	PT-2	
S114A	CONTROL ROOM	RB-1A	PT-2	PT-2	PT-2	PT-2	
S114B	STORE CLOSET	RB-1A	PT-2	PT-2	PT-2	PT-2	
S114C	SIM ROOM 2	RB-1A	PT-2	PT-2	PT-2	PT-2	
S114D	SIM ROOM 1	RB-1A	PT-2	PT-2	PT-2	PT-2	
S115	ELEC	-	-	-	-	-	
S116	CONFERENCE RM	-	-	-	-	-	
S117	ALLIED HEALTH STORAGE	RB-1A	PT-2	PT-2	PT-2	PT-2	
S118	ALLIED HEALTH	RB-1A	PT-2,PT-4	PT-2	PT-2	PT-2	
S119	OFFICE	RB-1A	PT-2	PT-2	PT-2	PT-2	
S120	OFFICE	RB-1A	PT-2	PT-2	PT-2	PT-2	
S121	MECH.	RB-1A	PT-2	PT-2	PT-2	PT-2	
S122	OFFICE	RB-1A	PT-2	PT-2	PT-2	PT-2	
S123	OFFICE	RB-1A	PT-2	PT-2	PT-2	PT-2	
S124	BIOLOGY 2	RB-1A	PT-2	PT-2,PT-4	PT-2	PT-2	
S124A	BIOLOGY PREP	RB-1A	PT-2	PT-2	PT-2	PT-2	
S125	IDF	-	-	-	-	-	
S126	CONFERENCE RM	-	-	-	-	-	
S127	BIOLOGY 1	RB-1A	PT-2	PT-2,PT-4	PT-2	PT-2	
S128	COLLAB	-	-	-	-	-	
S129	COLLAB	-	-	-	-	-	
S130	COLLAB	-	-	-	-	-	
S131	CHEMISTRY LAB	RB-1A	PT-2	PT-2,PT-4	PT-2	PT-2	
S131A	CHEMISTRY PREP	RB-1A	PT-2	PT-2	PT-2	PT-2	
S132	BREAKROOM	-	-	-	-	-	
S132A	JANITOR	-	-	-	-	-	
S132B	STORAGE	-	-	-	-	-	
S132C	VENDING	-	-	-	-	-	
S132D	FACULTY BREAK AREA	-	-	-	-	-	
S133	MOTHERS	-	-	-	-	-	
S134	WOMENS RR	-	-	-	-	-	
S135	MENS RR	-	-	-	-	-	
SC1	CORRIDOR	RB-1A	PT-2	PT-2	PT-2	PT-2	
SC2	CORRIDOR	RB-1A	-	PT-2,PT-4	PT-2, PT-4	PT-2, PT-4	
SC4	CORRIDOR	RB-1A	PT-2	PT-2,PT-4	PT-2, PT-4	PT-2, PT-4	
SC5	CORRIDOR	RB-1A	PT-2	PT-2	PT-2	PT-2	
SC6	CORRIDOR	RB-1A	PT-2,PT-4	PT-2,PT-4	PT-2, PT-4	-	
SC7	CORRIDOR	-	-	-	-	-	
SC704	CIRCULATION	RB-1A	PT-2	PT-2	PT-2	PT-2	
Grand total							

FINISH LEGEND - BASIS OF DESIGN

KEY NAME	DESCRIPTION	COMMENTS
CG-1	10 26 00.CG1 - CORNER GUARD	
CG-2	10 26 00.CG2 - CORNER GUARD	
F1	08 80 00.F1 - MATTE PRIVACY FILM	
FF-1	09 67 00.FF1 FLUID-APPLIED, EPOXY RESING FLOOR	
PL-1	06 20 00.PL1 - PLASTIC LAMINATE - TYPE 1	
PRC-1	12 36 00.PRC - PHENOLIC RESIN COUNTERTOP	
PT-1	09 90 00.PT1 - PAINT TYPE 1 - WHITE (CEILING)	
PT-2	09 90 00.PT2 - PAINT TYPE 2 - WHITE	
PT-3	09 90 00.PT3 - PAINT TYPE 3 - BLUE	ACCENT AT EAST WING CORRIDOR AND TEACHING WALLS, LOBBY ACCENT
PT-4	09 90 00.PT4 - PAINT TYPE 4 - GREEN	ACCENT AT SOUTH WING CORRIDOR AND TEACHING WALLS
PT-5	09 90 00.PT5 - PAINT TYPE 5 - BEIGE	
PT-6	09 90 00.PT6 - PAINT TYPE 6 - GREY	AT POLICE FURR OUT/ EYEBROW
RB-1	09 65 13.RB1 - RESILIENT BASE, TYPE 1 - STANDARD RUBBER BASE	
RFT-2	09 65 00.RFT2 - VINYL TILE	
SCT-1	12 36 00.SCT1 - SOLID SURFACING COUNTERTOP - WHITE	
SCT-2	12 36 00.SCT2 - SOLID SURFACING COUNTERTOP - BLACK	
T-1	09 30 00.T1 - TILE TYPE 1	
T-2	09 30 00.T2 - TILE TYPE 2	
T-3	09 30 00.T3 - TILE TYPE 3	

GENERAL NOTES

A. REFERENCE A-900 SERIES FOR ADDITIONAL FINISH DETAILS.
B. ALL WALL / CEILING MATERIALS SHALL MEET FLAME SPREAD CLASS REQUIRED PER IBC TABLE 803.9.
C. REFER TO SHEET G-001 FOR GENERAL NOTES, KEYS AND SYMBOLS.
D. REFER TO EXTERIOR / INTERIOR ELEVATIONS SHEETS FOR ADDITIONAL FINISH INFORMATION.
E. REFER TO REFLECTED CEILING PLANS FOR CEILING TYPES AND SPECIFICATIONS.
F. ALL WALLS TO RECEIVE FINISH 'PT-2' U.N.O.
G. ALL WALLS TO RECEIVE BASE 'RB-3' U.N.O.
H. ALL FLOORING TO BE FINISH 'RFT-7' U.N.O.
I. ALL GYPSUM BOARD CEILINGS TO RECEIVE 'PT-1' EGGSHELL FINISH, U.N.O.
J. PROVIDE 5% ATTIC STOCK ON ALL RUBBER AND FLOOR TILE.

PAINT

K. ALL WALLS TO RECEIVE (1) COAT PRIMER AND (2) COATS PAINT, EGGSHELL FINISH U.N.O.
L. ALL PAINT SHALL BE APPLIED IN ACCORDANCE TO THE MANUFACTURER'S SPECIFICATIONS FOR THE PARTICULAR SURFACE.

FLOORING

M. ALL CARPET FLOOR SURFACES TO RECEIVE STRAIGHT RUBBER BASE, U.N.O.
N. ALL RUBBER/CONCRETE FLOOR SURFACES TO RECEIVE COVED RUBBER BASE, U.N.O.
O. ALL RUBBER TRANSITION / REDUCER STRIPS TO BE SUBMITTED FOR ARCHITECT'S APPROVAL.
P. MATERIALS TO BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.
Q. FLOORING SHALL NOT RECEIVE ANY TRAFFIC FOR 24 HOURS AFTER INSTALLATION AND NO HEAVY WEIGHT FOR 48 HOURS.
R. EXISTING FLOORING AS NOTED SHALL BE REMOVED FROM SLAB. SURFACE SHALL BE SMOOTHED OR SKIMMED TO RECEIVE NEW FINISH AS SCHEDULED.
S. ALL CHANGES IN FLOOR MATERIAL BETWEEN ROOMS SHALL OCCUR AT THE CENTER LINE OF THE DOOR U.N.O.

TILE

T. GROUT COLOR TO MATCH ADJACENT STONE / TILES. ALL STONE / TILE SURFACES TO BE FLUSH. NO ABRUPT LIPS OR EDGES. SUBMIT SAMPLE TO BE APPROVED BY ARCHITECT.
U. PROVIDE SOFT JOINT AT ALL TILE INSIDE CORNER CONDITIONS. COLOR TO MATCH SCHEDULED GROUT.

OTHER COORDINATION

V. FOR DOOR AND ALUMINUM TRIM / FRAME FINISHES, RE: DOOR SCHEDULE A-811.

FINISH SCHEDULE NOTES AND REMARKS

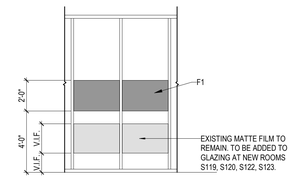
GENERAL NOTES:

ALL SCHEDULED DIRECTIONS (NORTH, EAST, SOUTH, WEST) ARE PER PLAN DIRECTIONS, NOT TRUE COMPASS DIRECTIONS.

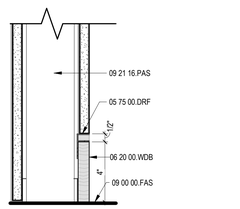
ALL FINISH MATERIALS SHALL MEET FLAME SPREAD RATINGS PER THE BUILDING CODE.

PROTECT ALL FINISHED FLOORING SURFACES FROM DAMAGE DURING ALL CONSTRUCTION PHASES.

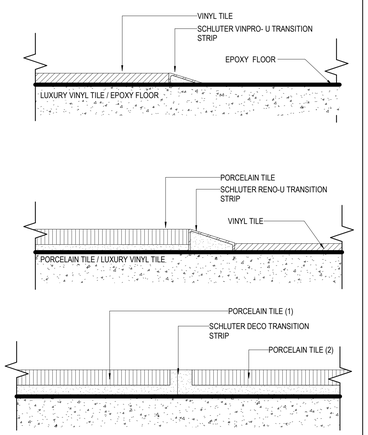
REFER TO DOOR SCHEDULE FOR DOOR AND FRAME FINISHES.



03 MATTE FILM AT GLAZING
1/4" = 1'-0"



02 WOOD BASE @ LOBBY
3" = 1'-0"



01 TYP INT FLOOR TRANSITIONS
12" = 1'-0"

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

KEY PLAN
NORTH: PLAN

REGISTERED ARCHITECT JESSICA BARNETT 29575 STATE OF TEXAS

09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

FINISH SCHEDULE

A-900

Plot Stamp:
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LEVEL 1 - OVERALL FINISH PLAN
A-901
FOR BLUEBEAM LABELING/OCR:

0"
1"



02 LEVEL 1 - OVERALL FINISH PLAN
1/16" = 1'-0"

NOTE: CONTRACTOR TO PROVIDE MOISTURE MITIGATION UNDER ALL NEW FLOORING . RE: 09 05 61 (39,650 SQ FT)

01 AREA B - LOBBY / RECEPTION / FLOOR FINISH PLAN
1/4" = 1'-0"

GENERAL FLOOR FINISH NOTES

1. ALL FINISH MATERIALS SHALL MEET THE FLAME SPREAD RATINGS PER THE BUILDING CODE.
2. REFER TO INTERIOR ELEVATIONS FOR SPECIFIC MATERIAL LOCATIONS.
3. REFER TO TYPICAL FLOORING TRANSITION DETAILS FOR FLOORING MATERIAL TRANSITIONS.
4. REFER TO A-900 FOR FLOOR TRANSITIONS AT THRESHOLD. ALL FLOORING TRANSITIONS AT DOORS SHALL BE LOCATED UNDER THE DOOR IN THE CLOSED POSITION, U.N.O.
5. FLOOR FINISH CHANGES SHALL OCCUR AT THE CENTERLINE OF DOORS U.N.O.. FLOOR FINISH CHANGES SHALL HAVE THRESHOLDS OR REDUCER STRIPS.
6. CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING FINISHED FLOORING SURFACES FROM DAMAGE DURING ALL CONSTRUCTION PHASES.
7. GENERAL CONTRACTOR TO SUBMIT FLOORING PATTERN LAYOUT WITH STRIPING COLORS AND STRIPING WIDTH AND NOTIFY ARCHITECT. CONTRACTOR SHALL NOT PROCEED WITH THE FLOORING INSTALLATION UNTIL LAYOUT IS APPROVED BY ARCHITECT.
8. CONTRACTOR TO PROVIDE MOISTURE MITIGATION UNDER ALL NEW FLOORING . RE: 09 05 61

ALTERNATE NOTES

ALTERNATE 05 - DEDUCTIVE ALTERNATE - AREA C
NO EXTERIOR STOREFRONT CHANGES TO AREA C. NO FINISHES, NO PARTITIONS, PROVIDE DOORS EC2.1 AND EC5.1 AND ASSOCIATED PARTITIONS. IF ALTERNATE 05 IS ACCEPTED.

Floor Finish

- 03 35 00.CS1 SEALED CONCRETE
- 09 30 00.T1,T2,T3 PORCELAIN TILE FLOORING
- 09 65 00.RFT1 VINYL COMPOSITE TILE
- 09 65 00.RFT2 VINYL TILE
- 09 67 00.FF1 EPOXY FLOORING
- EXISTING TO REMAIN
- 09 30 00.T1 PORCELAIN TILE TO MATCH EXISTING
- 09 30 00.T2 PORCELAIN TILE TO MATCH EXISTING
- 09 30 00.T3 PORCELAIN TILE TO MATCH EXISTING
- 08 80 00.F1 MATTE PRIVACY FILM; RE: 03/A-900

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION
2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130
CLIENT PROJECT NO: 250033
ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C
A

KEY PLAN
NORTH: PLAN TRUE

REGISTERED ARCHITECT JESSICA BARRETT 29675 STATE OF TEXAS
09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

LEVEL 1 - OVERALL FINISH PLAN

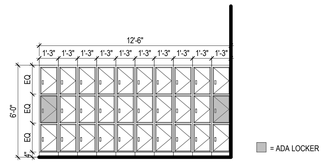
A-901

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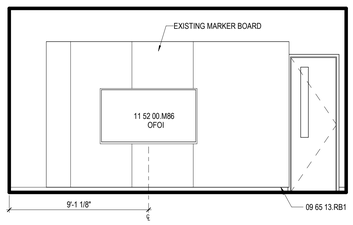
INTERIOR ELEVATIONS
A-931

FOR BLUEBEAM LABELING/OCR:

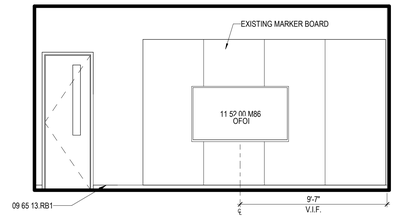
0"
1"



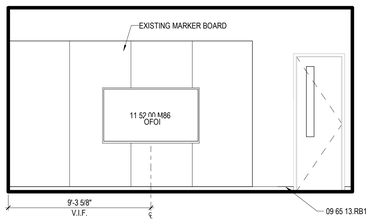
11 S103A TESTING CENTER - WEST LOCKERS
1/4" = 1'-0"



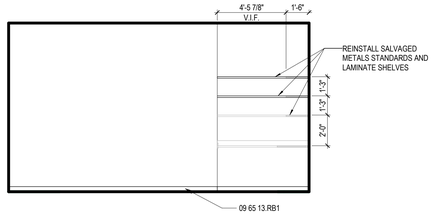
10 E147- CYBER LAB - S
1/4" = 1'-0"



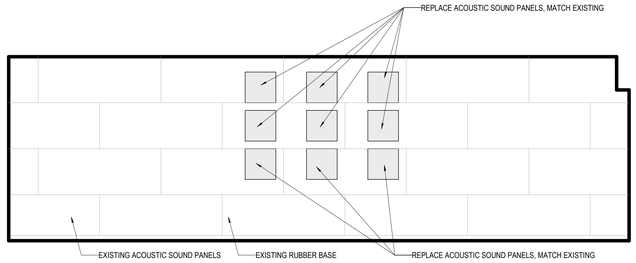
09 E143 - SYSCO LAB - S
1/4" = 1'-0"



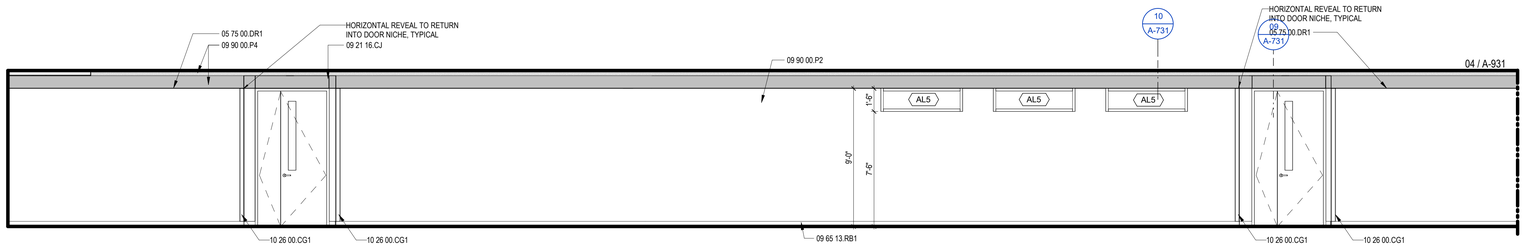
08 E142 - CLASSROOM - S
1/4" = 1'-0"



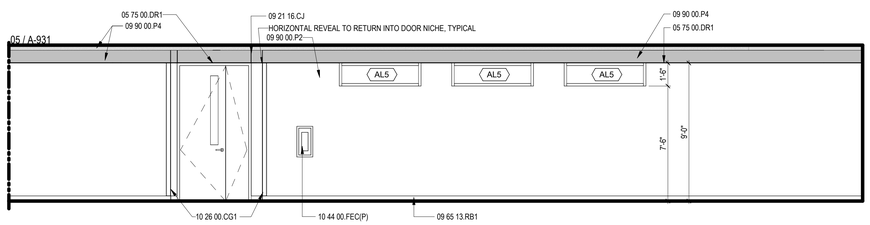
07 E148 - WORKROOM & STORAGE - E
1/4" = 1'-0"



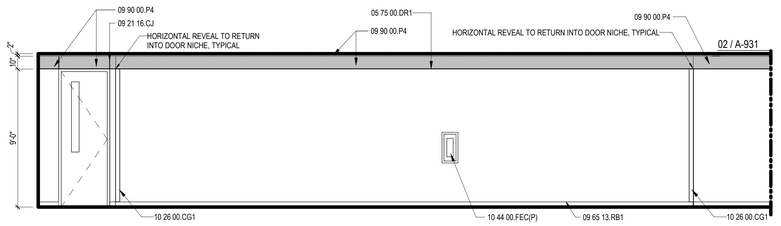
06 S132 - BREAK ROOM INTERIOR ELEVATION
1/4" = 1'-0"



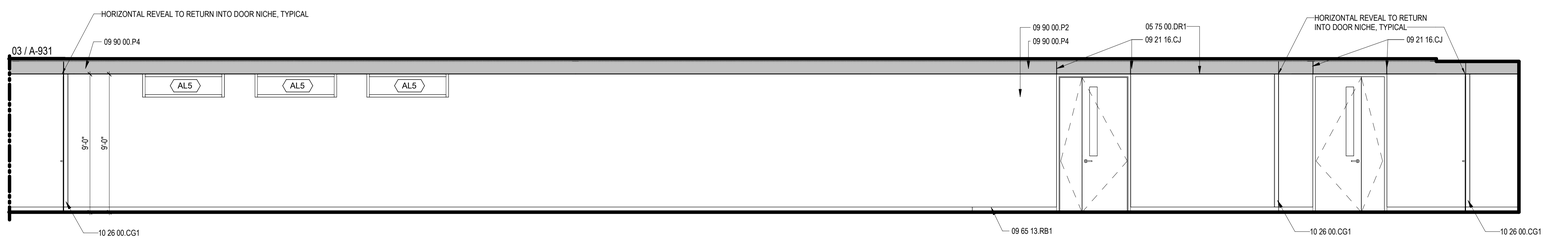
05 SC6 CORRIDOR - AREA A - WEST ELEVATION (Cont.)
1/4" = 1'-0"



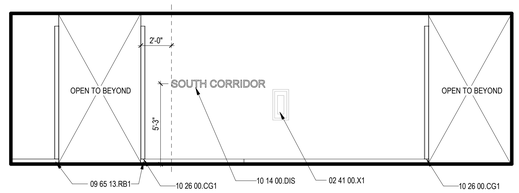
04 SC6 CORRIDOR - AREA A - WEST ELEVATION
1/4" = 1'-0"



03 SC2 CORRIDOR - AREA A- EAST ELEVATION (Cont.)
1/4" = 1'-0"



02 SC2 CORRIDOR - AREA A - EAST ELEVATION
1/4" = 1'-0"



01 SC1 CORRIDOR -AREA A - S
1/4" = 1'-0"

KEYNOTE LEGEND

NUMBER	DESCRIPTION
02 41 00.X1	EXISTING [_____] TO REMAIN
05 75 00.DR1	DECORATIVE REVEAL, TYPE 1 - 3/8" WIDTH
09 21 16.CJ	CONTROL JOINT
09 65 13.RB1	RESILIENT BASE, TYPE 1 - STANDARD RUBBER BASE
09 90 00.P2	PAINT TYPE 2 - WHITE
09 90 00.P4	PAINT TYPE 4 - GREEN
10 14 00.DIS	INTERIOR DIRECTIONAL AND INFORMATIONAL SIGN
10 26 00.CG1	SURFACE-MOUNTED STAINLESS STEEL CORNER GUARD
10 44 00.FEC(P)	FIRE EXTINGUISHER CABINET, PARTIALLY-RECESSED
11 52 00.M86	MONITOR, 86" HD TV (OFCI)

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TX FIRM: BR 1608

SAN ANTONIO, TX
210-829-0123

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

KEY PLAN

NORTH: PLAN TRUE

REGISTERED ARCHITECT JESSICA BARNETT 20575 STATE OF TEXAS

09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker

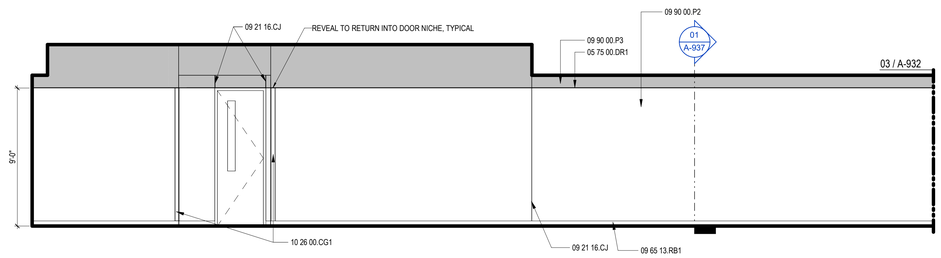
DRAWN BY: Author

INTERIOR ELEVATIONS

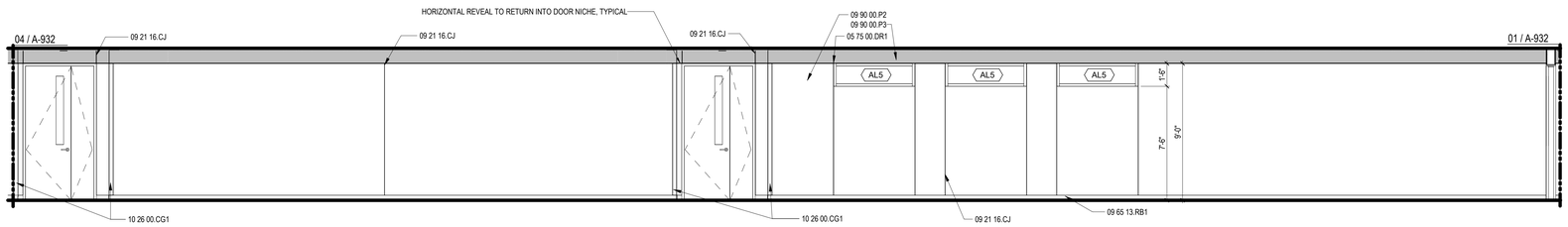
A-931

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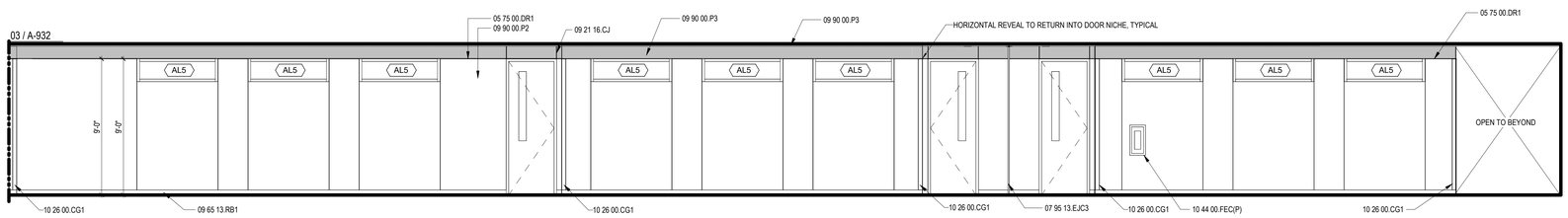
0"
1"



04 EC2 - AREA C - SOUTH ELEVATION (Cont.)
1/4" = 1'-0"



03 EC2 CORRIDOR - AREA C - SOUTH ELEVATION
1/4" = 1'-0"



01 EC2 CORRIDOR -AREA B - SOUTH ELEVATION
1/4" = 1'-0"

KEYNOTE LEGEND

NUMBER	DESCRIPTION
05 75 00.DR1	DECORATIVE REVEAL, TYPE 1 - 3/8" WIDTH
07 95 13.EJC3	INTERIOR, WALL/CEILING, THERMAL-MOVEMENT JOINT COVER
09 21 16.CJ	CONTROL JOINT
09 65 13.RB1	RESILIENT BASE, TYPE 1 - STANDARD RUBBER BASE
09 90 00.P2	PAINT TYPE 2 - WHITE
09 90 00.P3	PAINT TYPE 3 - BLUE
10 26 00.CG1	SURFACE-MOUNTED STAINLESS STEEL CORNER GUARD
10 44 00.FEC(P)	FIRE EXTINGUISHER CABINET, PARTIALLY-RECESSED

INTERIOR ELEVATIONS
A-932
FOR BLUEBEAM LABELING/OCR:

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TX FIRM: BR 1608
SAN ANTONIO, TX
210-829-0123

NORTHEAST LAKEVIEW COLLEGE-
SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C
A

KEY PLAN
NORTH: PLAN

REGISTERED ARCHITECT
JESSICA BRIENEN
20575
STATE OF TEXAS
09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

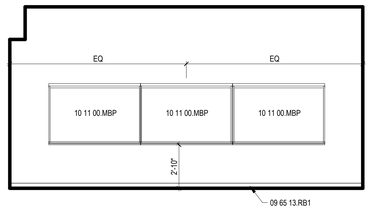
INTERIOR ELEVATIONS

A-932

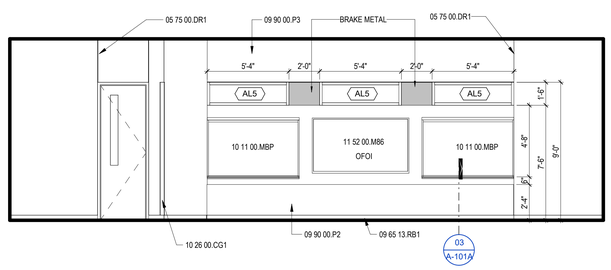
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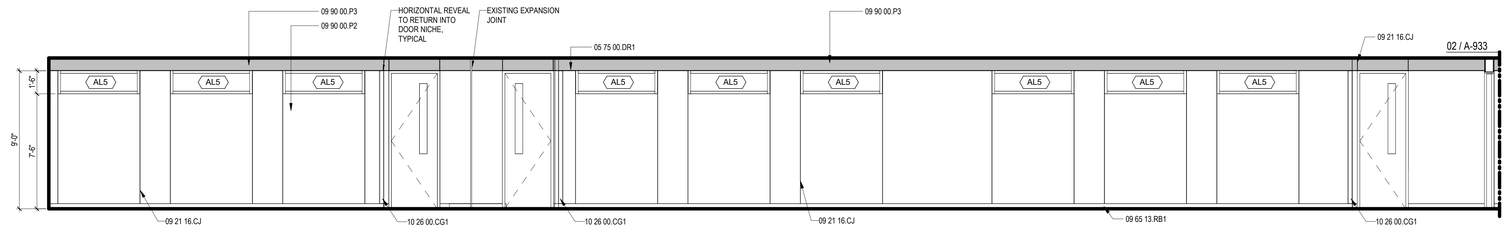
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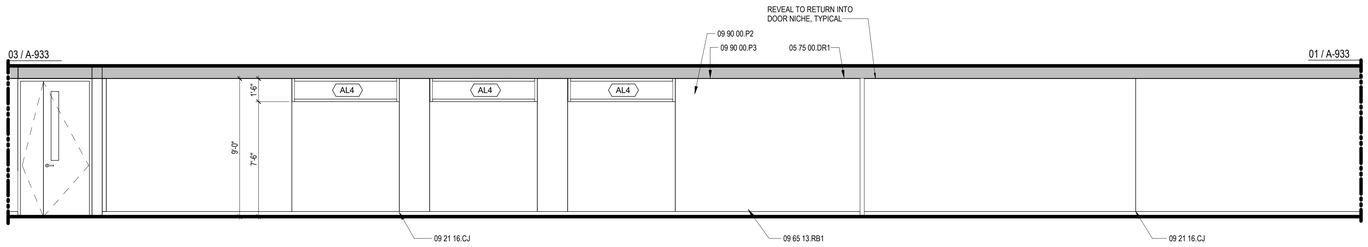
05 E136- CLASSROOM - E
1/4" = 1'-0"



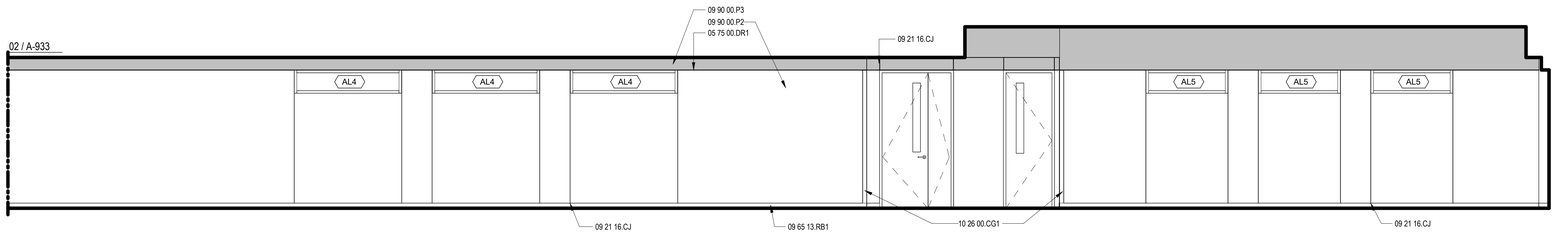
04 E136 - CLASSROOM - S
1/4" = 1'-0"



03 EC5 CORRIDOR -AREA B - NORTH ELEVATION
1/4" = 1'-0"



02 EC5 CORRIDOR - AREA C - NORTH ELEVATION (Cont.)
1/4" = 1'-0"



01 EC5 CORRIDOR -AREA C - NORTH ELEVATION
1/4" = 1'-0"

KEYNOTE LEGEND

NUMBER	DESCRIPTION
05 75 00.DR1	DECORATIVE REVEAL, TYPE 1 - 3/8" WIDTH
09 21 16.CJ	CONTROL JOINT
09 65 13.RB1	RESILIENT BASE, TYPE 1 - STANDARD RUBBER BASE
09 90 00.P2	PAINT TYPE 2 - WHITE
09 90 00.P3	PAINT TYPE 3 - BLUE
10 11 00.MBP	PORCELAIN ENAMEL MARKERBOARD
10 26 00.CG1	SURFACE-MOUNTED STAINLESS STEEL CORNER GUARD
11 52 00.M86	MONITOR, 86" HD TV (OFCI)

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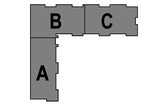
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN



09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

INTERIOR ELEVATIONS

A-933

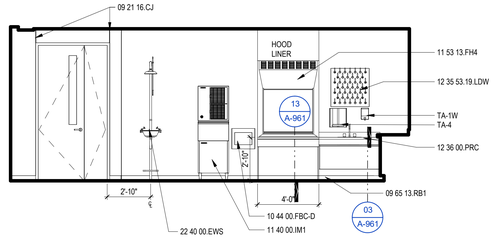
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A-933
FOR BLUEBEAM LABELING/OCR:

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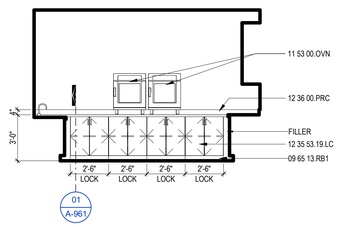
INTERIOR ELEVATIONS
A-934

FOR BLUEBEAM LABELING/OCR:

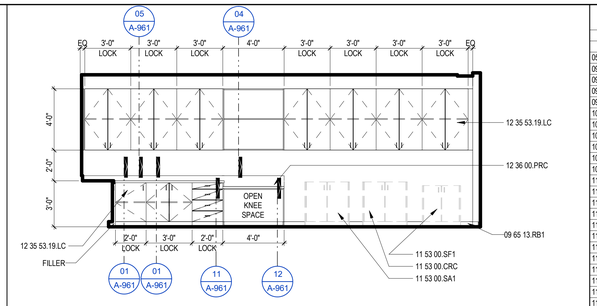
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1"



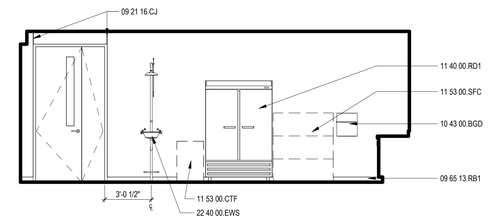
15 S130A- CHEMISTRY PREP - N
1/4" = 1'-0"



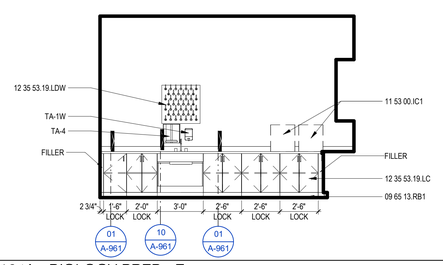
14 S130A - CHEMISTRY PREP - E
1/4" = 1'-0"



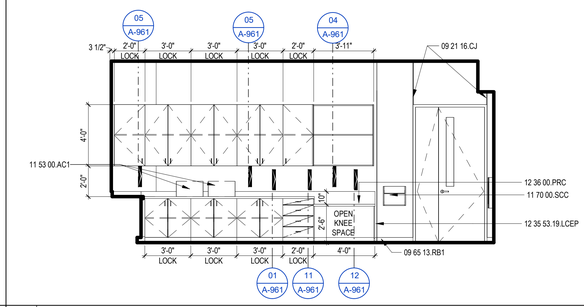
13 S130A - CHEMISTRY PREP - S
1/4" = 1'-0"



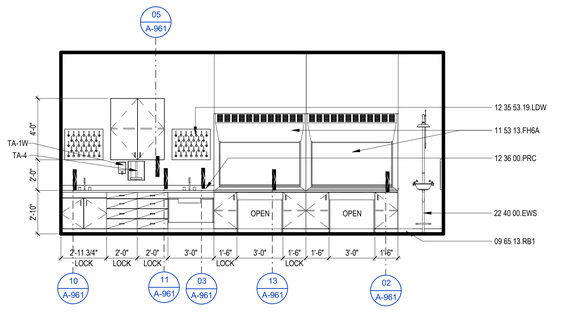
12 S124A - BIOLOGY PREP - N
1/4" = 1'-0"



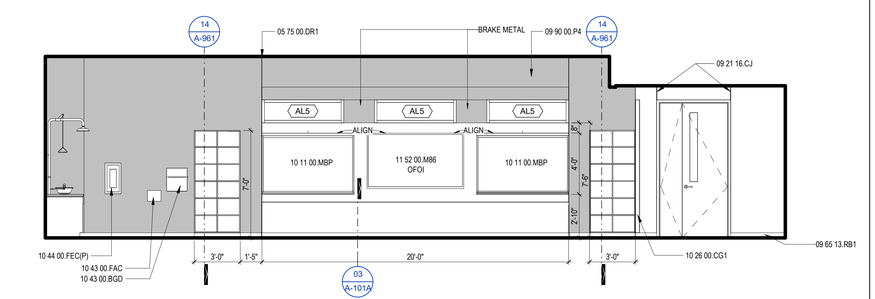
11 S124A - BIOLOGY PREP - E
1/4" = 1'-0"



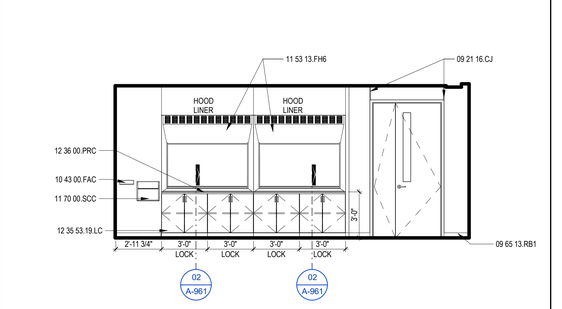
10 S124A- BIOLOGY PREP - S
1/4" = 1'-0"



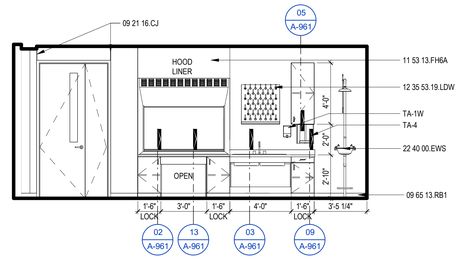
09 S131 - CHEMISTRY LAB - N
1/4" = 1'-0"



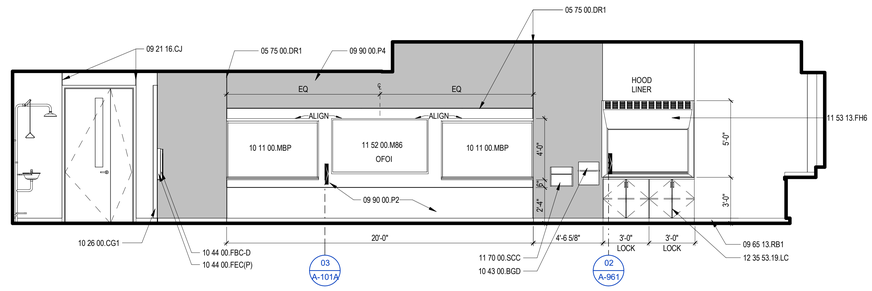
08 S131 - CHEMISTRY LAB - E
1/4" = 1'-0"



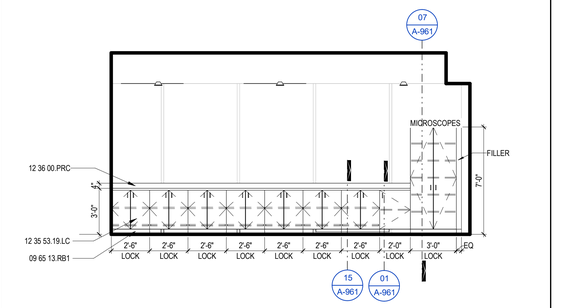
07 S131 - CHEMISTRY LAB - S
1/4" = 1'-0"



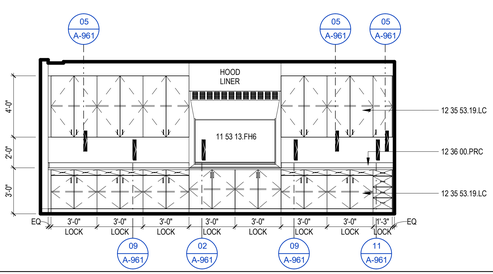
06 S124 - BIOLOGY 2 - N
1/4" = 1'-0"



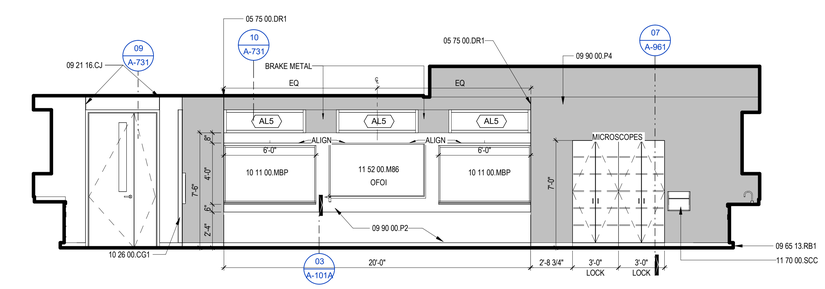
05 S124 - BIOLOGY 2- E
1/4" = 1'-0"



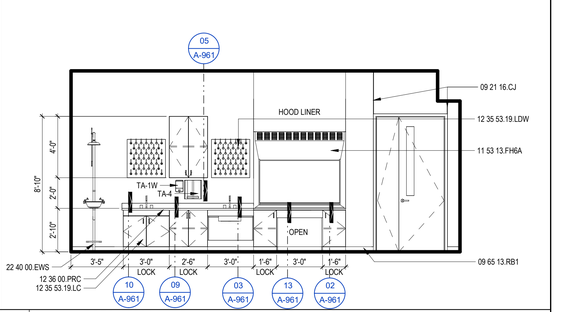
04 S124 - BIOLOGY 2 - S
1/4" = 1'-0"



03 S127- BIOLOGY 1 - N
1/4" = 1'-0"



02 S127- BIOLOGY 1 - E
1/4" = 1'-0"



01 S127 - BIOLOGY 1 - S
1/4" = 1'-0"

KEYNOTE LEGEND

NUMBER	DESCRIPTION
05 75 00.DR1	DECORATIVE REVEAL, TYPE 1 - 3/8" WIDTH
09 21 16.CJ	CONTROL JOINT
09 65 13.RB1	RESILIENT BASE, TYPE 1 - STANDARD RUBBER BASE
09 90 00.P2	PAINT TYPE 2 - WHITE
09 90 00.P4	PAINT TYPE 4 - GREEN
10 11 00.MBP	PORCELAIN ENAMEL MARKERBOARD
10 26 00.CG1	SURFACE-MOUNTED STAINLESS STEEL CORNER GUARD
10 43 00.BGD	BROKEN GLASS DISPOAL BOX
10 43 00.FAC	FIRST AID KIT CABINET
10 44 00.FBC-D	DROP-TYPE FIRE BLANKET CABINET
10 44 00.FEC(P)	FIRE EXTINGUISHER CABINET, PARTIALLY-RECESSED
11 40 00.IM1	ICE MAKER AND BIN (OFOI)
11 40 00.RD1	REFRIGERATOR, TWO DOOR (OFOI)
11 52 00.M86	MONITOR, 86" HD TV (OFCI)
11 53 00.AC1	AUTOCLAVE (OFOI)
11 53 00.CRC	CORROSIVES CABINET
11 53 00.CTF	COUNTERTOP FREEZERS
11 53 00.IC1	INCUBATOR (OFOI)
11 53 00.OVN	OVENS
11 53 00.SA1	STORAGE, ACID (OFOI)
11 53 00.SF1	STORAGE, FLAMMABLES (OFOI)
11 53 00.SFC	STACKABLE FLOOR CABINET
11 53 13.FH4	FUME HOOD, 4 FOOT LENGTH ACCESSIBLE
11 53 13.FH6	FUME HOOD, 6 FOOT LENGTH
11 53 13.FH6A	FUME HOOD, 6 FOOT LENGTH ACCESSIBLE
11 70 00.SCC	SPILL CONTROL CENTER
12 35 53.19.LC	LABORATORY CASEWORK
12 35 53.19.LCEP	LABORATORY CASEWORK, END PANEL
12 35 53.19.LDW	LABORATORY DRYING RACK, WALL MOUNTED
12 36 00.PRC	PHENOLIC RESIN COUNTERTOP
22 40 00.EWS	EMERGENCY EYEWASH AND SHOWER
TA-1W	SOAP DISPENSER, WALL-MOUNTED, TYPICAL (OFCI)
TA-4	PAPER TOWEL DISPENSER, TYPICAL (OFCI)

PBK

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TX FIRM: BR 1608

SAN ANTONIO, TX
210-829-0123

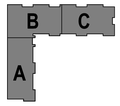
NORTHEAST LAKEVIEW COLLEGE- SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN

NORTH: PLAN

REGISTERED ARCHITECT
JESSICA BRUNE
20575
STATE OF TEXAS

09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker

DRAWN BY: Author

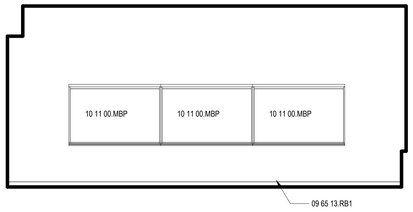
INTERIOR ELEVATIONS

A-934

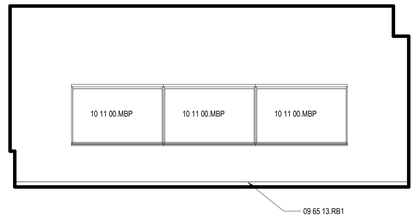
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9/24/2025 4:20:18 PM

INTERIOR ELEVATIONS
A-935
FOR BLUEBEAM LABELING/OCR:

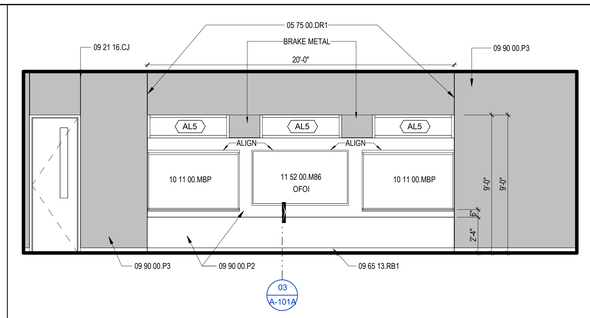
0"
1"



18 E107 - CLASSROOM - W
1/4" = 1'-0"



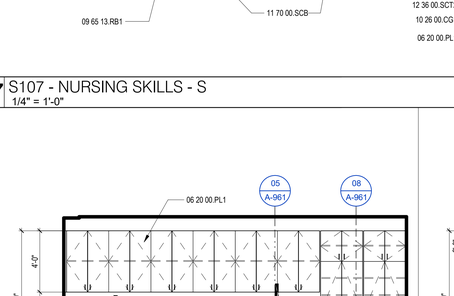
17 E107 - CLASSROOM - E
1/4" = 1'-0"



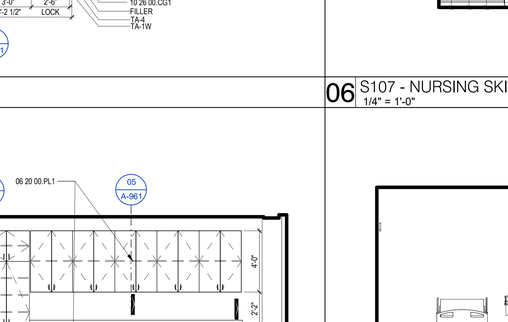
16 E107- CLASSROOM - N
1/4" = 1'-0"

KEYNOTE LEGEND

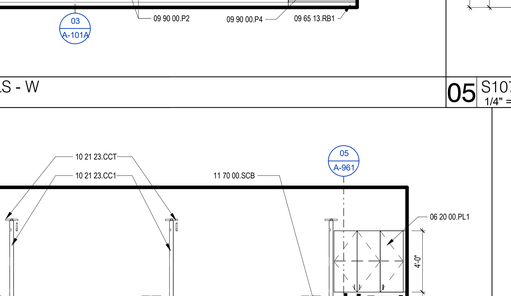
NUMBER	DESCRIPTION
05 75 00.DR1	DECORATIVE REVEAL, TYPE 1 - 3/8" WIDTH
06 20 00.PL1	PLASTIC LAMINATE, TYPE 1
09 21 16.CJ	CONTROL JOINT
09 65 13.RB1	RESILIENT BASE, TYPE 1 - STANDARD RUBBER BASE
09 90 00.P2	PAINT TYPE 2 - WHITE
09 90 00.P3	PAINT TYPE 3 - BLUE
09 90 00.P4	PAINT TYPE 4 - GREEN
10 11 00.MBP	PORCELAIN-ENAMEL MARKERBOARD
10 21 23.CC1	CUBICLE CURTAIN, TYPE 1 - STANDARD
10 21 23.CCT	CUBICLE TRACK
10 26 00.CG1	SURFACE-MOUNTED STAINLESS STEEL CORNER GUARD
11 30 13.CD1	CLOTHES DRYER (CFCI)
11 30 13.CW1	CLOTHES WASHER (CFCI)
11 52 00.M60	MONITOR, 60 " HD TV (OFCI)
11 52 00.M86	MONITOR, 86" HD TV (OFCI)
11 70 00.SCB	SHARPS CONTAINER BIN
12 36 00.SCT2	SOLID SURFACING COUNTERTOP - BLACK
TA-1W	SOAP DISPENSER, WALL-MOUNTED, TYPICAL (OFCI)
TA-4	PAPER TOWEL DISPENSER, TYPICAL (OFCI)



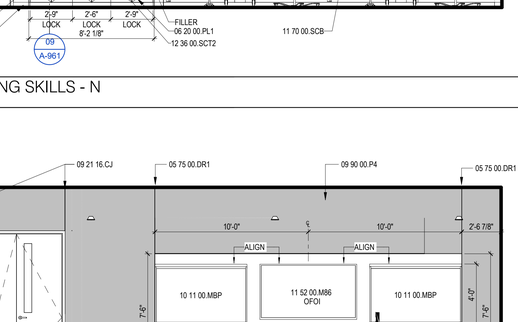
15 E104 - CLASSROOM - W
1/4" = 1'-0"



14 E104 - CLASSROOM - N
1/4" = 1'-0"



13 E102 - CLASSROOM - E
1/4" = 1'-0"



12 E102 - CLASSROOM - N
1/4" = 1'-0"

11 S114 - SIM SUITE - W
1/4" = 1'-0"

10 S114 - SIM SUITE - N
1/4" = 1'-0"

09 S107A - NURSING STORAGE - S
1/4" = 1'-0"

08 S107A - NURSING STORAGE - N
1/4" = 1'-0"

07 S107 - NURSING SKILLS - S
1/4" = 1'-0"

06 S107 - NURSING SKILLS - W
1/4" = 1'-0"

05 S107 - NURSING SKILLS - N
1/4" = 1'-0"

04 S117 - ALLIED HEALTH STORAGE - S
1/4" = 1'-0"

03 S117 - ALLIED HEALTH STORAGE - N
1/4" = 1'-0"

02 S118 - ALLIED HEALTH - W
1/4" = 1'-0"

01 S118 - ALLIED HEALTH - N
1/4" = 1'-0"

Plot Stamp:
9/24/2025 4:20:29 PM

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

KEY PLAN
NORTH: PLAN



09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT
DATE 09/24/2025
PROJECT NUMBER 250033

DRAWING HISTORY

No.	Description	Date

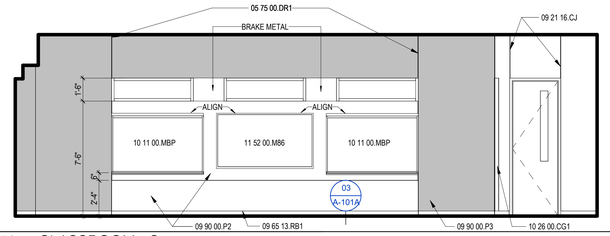
CHECKED BY: Checker
DRAWN BY: Author

INTERIOR ELEVATIONS

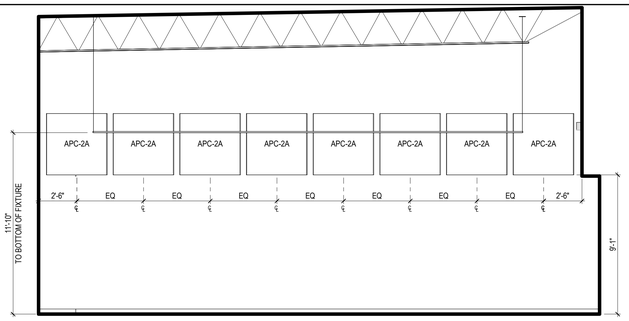
A-935

INTERIOR ELEVATIONS
A-936
FOR BLUEBEAM LABELING/OCR:

0"
1"

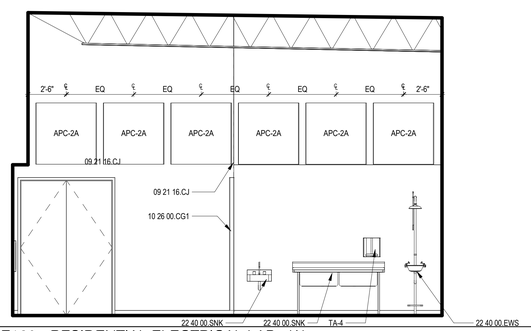


13 E125 - CLASSROOM - S
1/4" = 1'-0"

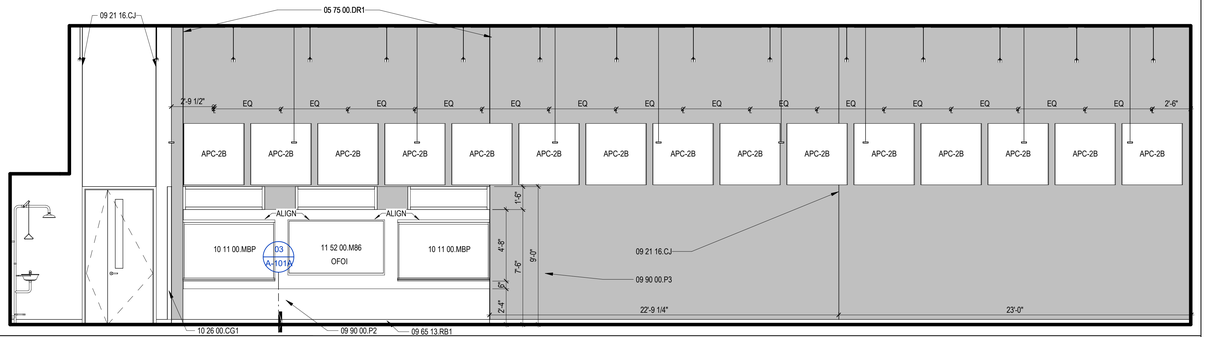


12 E120 - RESIDENTIAL ELECTRICAL LAB - E
1/4" = 1'-0"

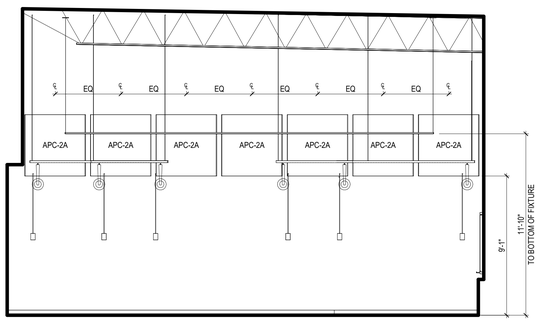
NUMBER	DESCRIPTION
05 75 00.DR1	DECORATIVE REVEAL, TYPE 1 - 3/8" WIDTH
09 21 16.CJ	CONTROL JOINT
09 65 13.RB1	RESILIENT BASE, TYPE 1 - STANDARD RUBBER BASE
09 90 00.P2	PAINT TYPE 2 - WHITE
09 90 00.P3	PAINT TYPE 3 - BLUE
10 11 00.MBP	PORCELAIN-ENAMEL MARKERBOARD
10 26 00.CG1	SURFACE-MOUNTED STAINLESS STEEL CORNER GUARD
11 52 00.M86	MONITOR, 86" HD TV (OFCI)
22 40 00.EWS	EMERGENCY EYEWASH AND SHOWER
22 40 00.SNK	SINK
TA-4	PAPER TOWEL DISPENSER, TYPICAL (OFCI)



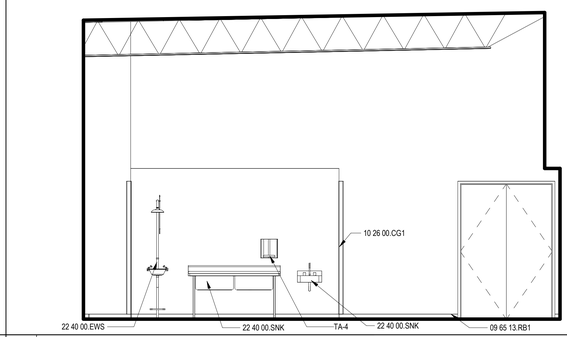
11 E120 - RESIDENTIAL ELECTRICAL LAB - W
1/4" = 1'-0"



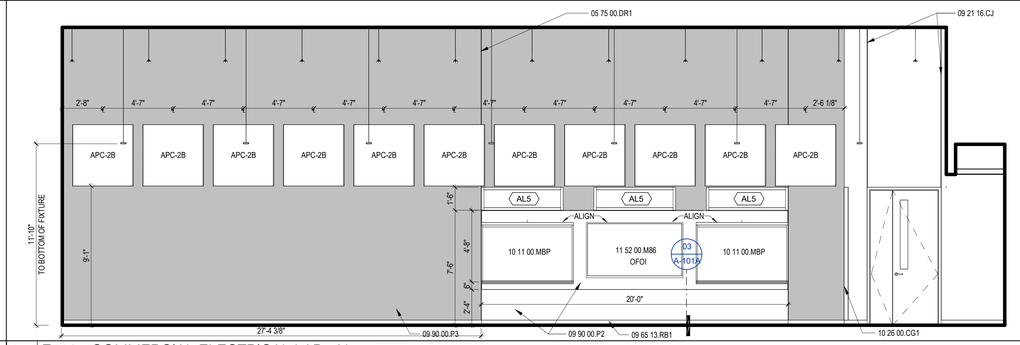
10 E120 - RESIDENTIAL ELECTRICAL LAB - N
1/4" = 1'-0"



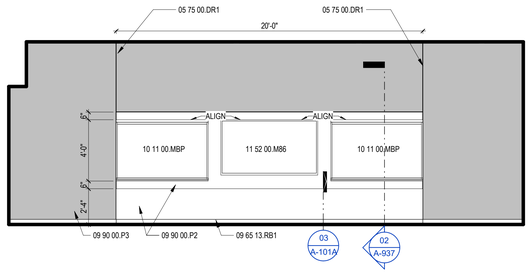
09 E113 - COMMERICAL ELECTRICAL LAB -W
1/4" = 1'-0"



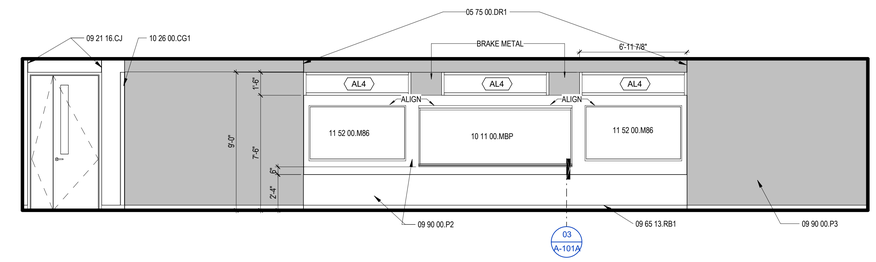
08 E113- COMMERCIAL ELECTRICAL LAB - E
1/4" = 1'-0"



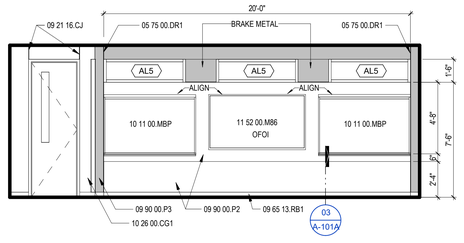
07 E113 - COMMERCIAL ELECTRICAL LAB - N
1/4" = 1'-0"



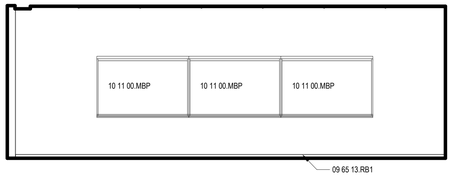
06 E123 - CLASSROOM - W
1/4" = 1'-0"



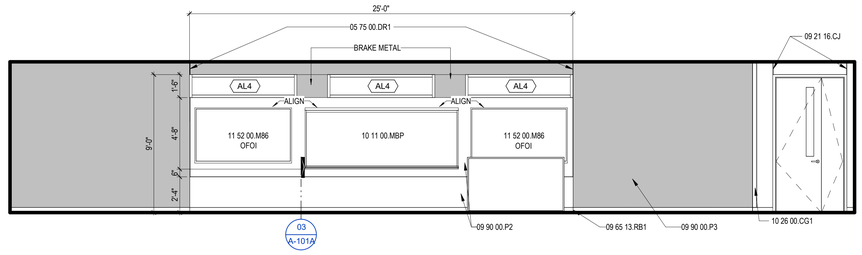
05 E126 - ELECTRICAL ENGINEERING TECHNOLOGY - S
1/4" = 1'-0"



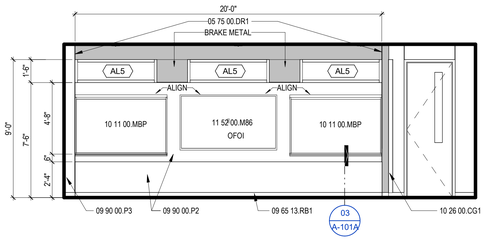
04 E139- CLASSROOM - S
1/4" = 1'-0"



03 E139 - CLASSROOM - E
1/4" = 1'-0"



02 E135 - ELECTRICAL ENGINEERING TECHNOLOGY -S
1/4" = 1'-0"



01 E137 - CLASSROOM - S
1/4" = 1'-0"

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

KEY PLAN
NORTH: PLAN

REGISTERED ARCHITECT
JESSICA A. BRUNI
20575
STATE OF TEXAS
09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

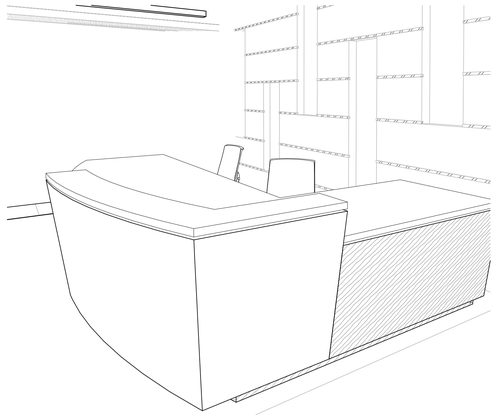
CHECKED BY: Checker
DRAWN BY: Author

INTERIOR ELEVATIONS

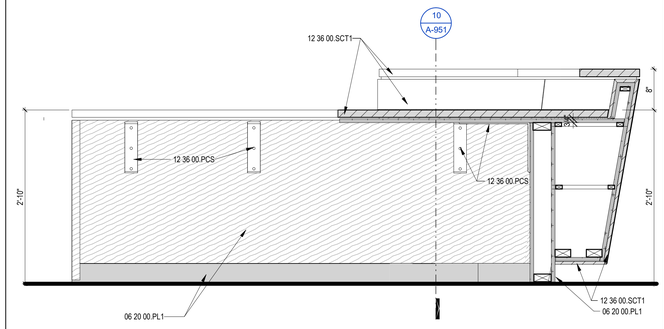
A-936

MILLWORK ELEVATION
A-951
FOR BLUEBEAM LABELING/OCR:

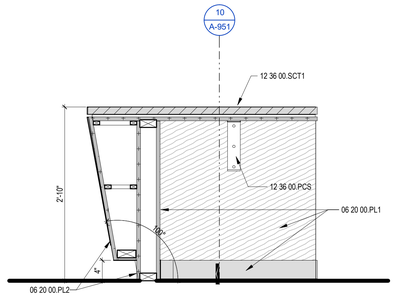
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1"



14 S101A - RECEPTION DESK



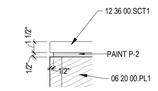
13 Detail 1
1" = 1'-0"



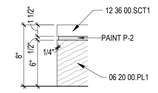
12 Detail 4
1" = 1'-0"

KEYNOTE LEGEND

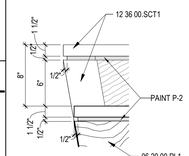
NUMBER	DESCRIPTION
06 20 00.GC	CABLING GROMMET
06 20 00.PL1	PLASTIC LAMINATE, TYPE 1
06 20 00.PL2	
09 65 13.RB1	RESILIENT BASE, TYPE 1 - STANDARD RUBBER BASE
12 36 00.PCS	PRE-FABRICATED STEEL COUNTERTOP SUPPORT
12 36 00.SCT1	SOLID SURFACING COUNTERTOP - WHITE
12 36 00.SCT2	SOLID SURFACING COUNTERTOP - BLACK



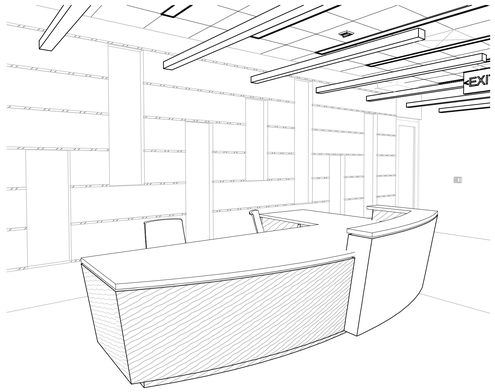
17 Detail 6
1 1/2" = 1'-0"



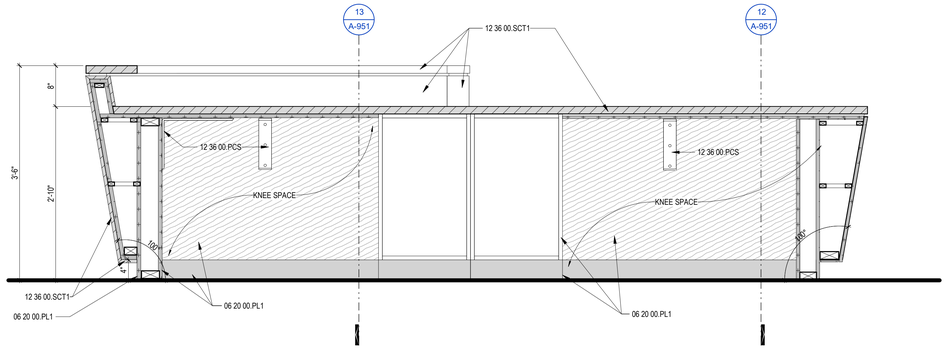
16 Detail 5
1 1/2" = 1'-0"



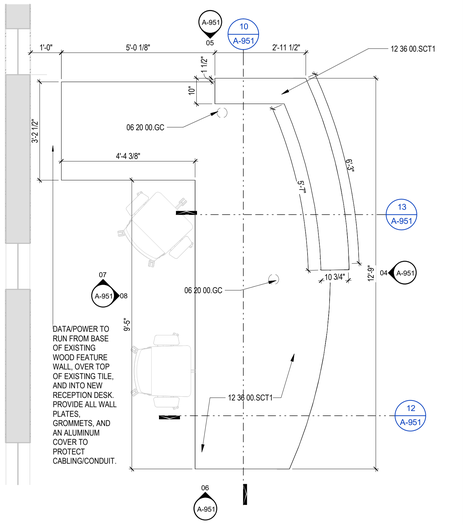
15 Detail 7
1 1/2" = 1'-0"



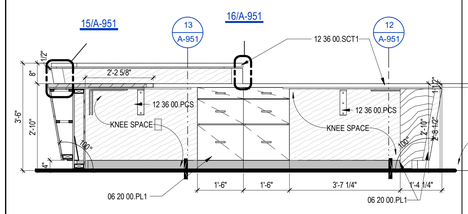
11 RECEPTION DESK



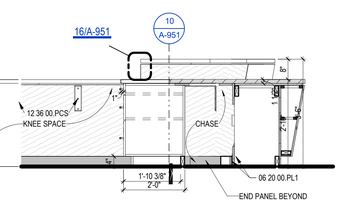
10 S101A -SECTION
1" = 1'-0"



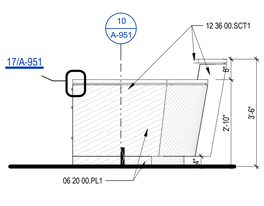
09 AREA B -S101A LOBBY ENLARGED PLAN
1/2" = 1'-0"



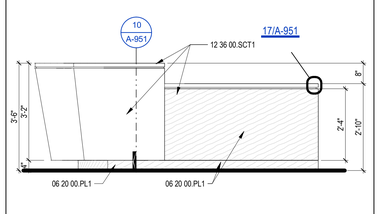
08 S101A - RECEPTION -E
1/2" = 1'-0"



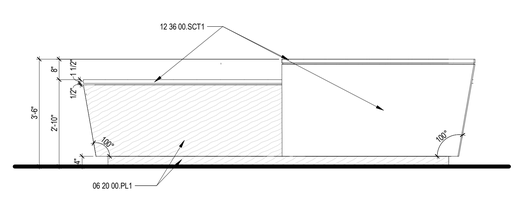
07 S101A- RECEPTION -SECTION
1/2" = 1'-0"



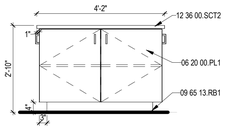
06 S101A - RECEPTION - N
1/2" = 1'-0"



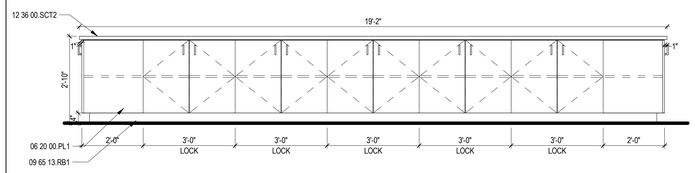
05 S101A - RECEPTION - S
1/2" = 1'-0"



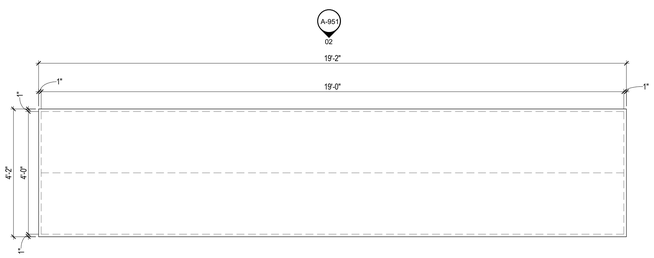
04 S101A - RECEPTION - W
1/2" = 1'-0"



03 A106A - NURSING STORAGE - E & W - MILLWORK
1/2" = 1'-0"



02 A106A - NURSING STORAGE - N & S - MILLWORK
1/2" = 1'-0"



01 LEVEL 1 - AREA A FLOOR PLAN - Callout 1
1/2" = 1'-0"

Plot Stamp:
9/24/2025 4:20:48 PM

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SAN ANTONIO, TX
210-829-0123

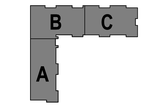
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN TRUE

REGISTERED ARCHITECT
JESSICA A. BRUNI
20575
STATE OF TEXAS
09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

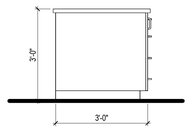
CHECKED BY: Checker
DRAWN BY: Author

MILLWORK ELEVATION

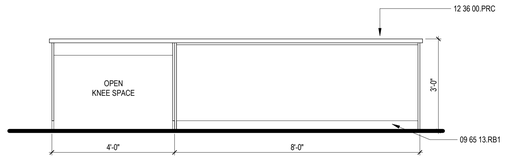
A-951

CASEWORK ELEVATION
A-953
FOR BLUEBEAM LABELING/OCR:

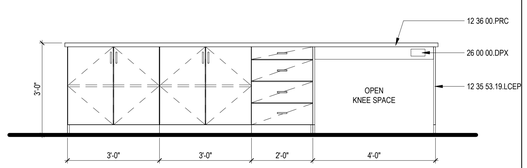
0"
1"



19 LT4 - ELEVATION E & W
1/2" = 1'-0"



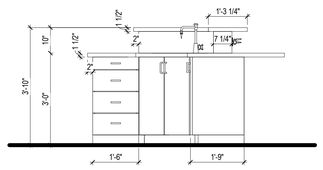
18 LT4 - ELEVATION - N
1/2" = 1'-0"



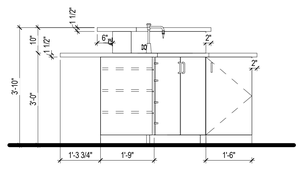
17 LT4 - FRONT & REAR ELEVATION
1/2" = 1'-0"

KEYNOTE LEGEND

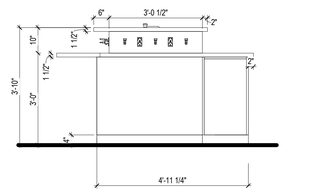
NUMBER	DESCRIPTION
09 65 13.RB1	RESILIENT BASE, TYPE 1 , STANDARD RUBBER BASE
12 35 53.19.LC	LABORATORY CASEWORK
12 35 53.19.LCEP	LABORATORY CASEWORK, END PANEL
12 36 00.PRC	PHENOLIC RESIN COUNTERTOP
26 00 00.DPX	DUPLEX "RE: TO ELECTRICAL"



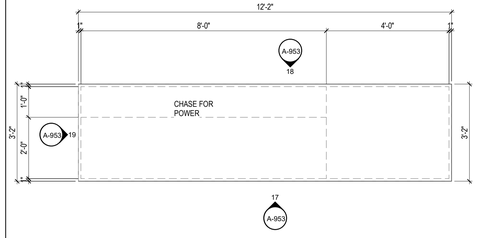
16 LT3 CHEMISTRY TABLE - NE
1/2" = 1'-0"



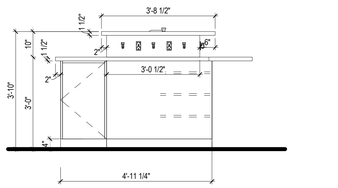
15 LT3 CHEMISTRY TABLE - SE
1/2" = 1'-0"



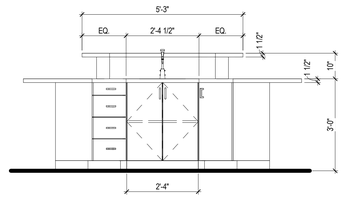
14 LT3 CHEMISTRY TABLE - SW
1/2" = 1'-0"



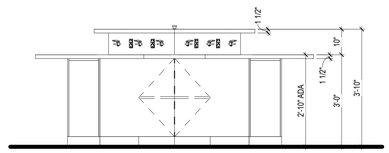
13 LT4 - PREP TABLE
1/2" = 1'-0"



12 LT3 CHEMISTRY TABLE - NW
1/2" = 1'-0"

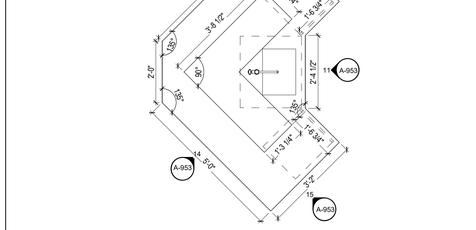


11 LT3 CHEMISTRY TABLE - E
1/2" = 1'-0"

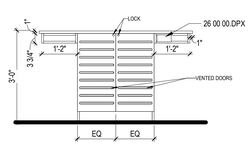


NOTE: PROVIDE ONE ADA COMPLIANT TABLE PER LAB

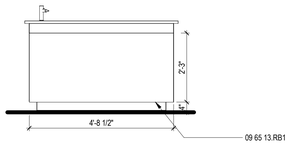
10 LT3 CHEMISTRY TABLE - W
1/2" = 1'-0"



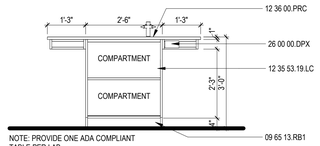
09 LT3 - CHEMISTRY TABLE
1/2" = 1'-0"



08 LT2 - BIOLOGY TABLE - W
1/2" = 1'-0"

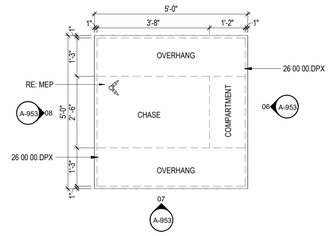


07 LT2 - BIOLOGY TABLE - N & S
1/2" = 1'-0"

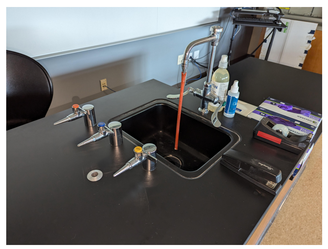


NOTE: PROVIDE ONE ADA COMPLIANT TABLE PER LAB

06 LT2 - BIOLOGY TABLE - E
1/2" = 1'-0"

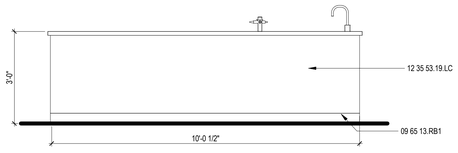


05 LT2 -BIOLOGY TABLE
1/2" = 1'-0"

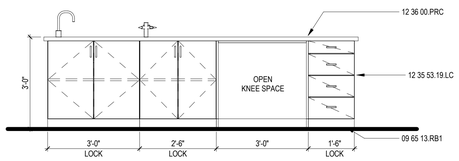


RE: LT1 INSTRUCTOR TABLE - FOR REFERENCE ONLY.

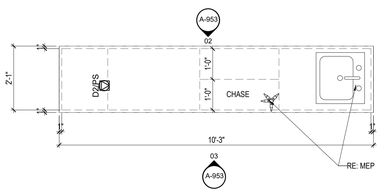
04 EXISTING PALUXY INSTRUCTOR TABLE
N.T.S.



03 LT1 - FRONT ELEVATION
1/2" = 1'-0"



02 LT1 - REAR ELEVATION
1/2" = 1'-0"



01 LT1 - INSTRUCTOR TABLE
1/2" = 1'-0"

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9/24/2025 4:20:55 PM

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C
A

KEY PLAN
NORTH: PLAN TRUE

REGISTERED ARCHITECT
JESSICA BRINKLEY
20575
STATE OF TEXAS

09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

CASEWORK ELEVATION

A-953

0"
1"

MILLWORK / CASEWORK DETAILS
A-961
FOR BLUEBEAM LABELING/OCR:

CASEWORK SECTION SYMBOL LEGEND

06 20 00.PL# - 1/4" PLYWOOD BACK

06 20 00.F14 - TREATED 1X4 WOOD BLOCKING

06 20 00.F24 - TREATED 2X4 WOOD BLOCKING

06 20 00.F14 - TREATED 1X4 WOOD BLOCKING

06 20 00.PW4 - DOOR/DRAWER WIRE HANDLE 4"

06 20 00.PEG - PEG SYSTEM

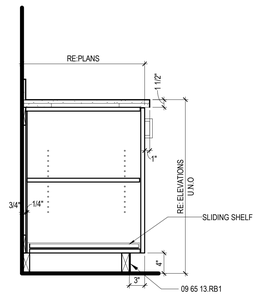
12 36 00.PLC - PLASTIC LAMINATE COUNTERTOP

12 36 00.PRC - PHENOLIC RESIN COUNTERTOP

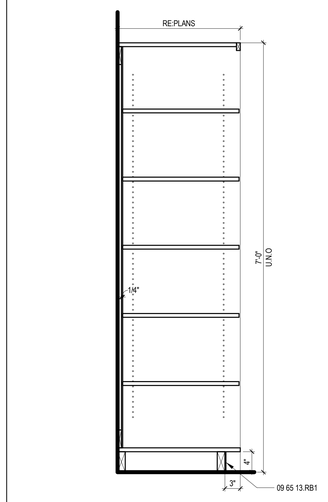
06 20 00.SCU - 3/4" PLYWOOD SHELF ON ADJUSTABLE ON PEG SYSTEM

06 20 00.DS - DRAWER SLIDE TO BE MOUNTED ON FULL EXTENSION "BALL BEARING' TYPE GLIDES (TYP.)

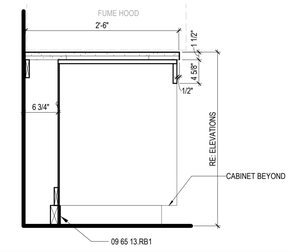
12 35 53.13.SK# - SINK



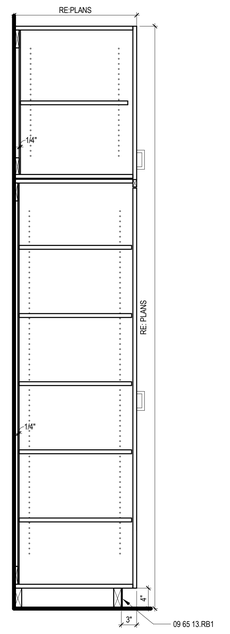
15 187 - SLIDING BOTTOM SHELF
1" = 1'-0"



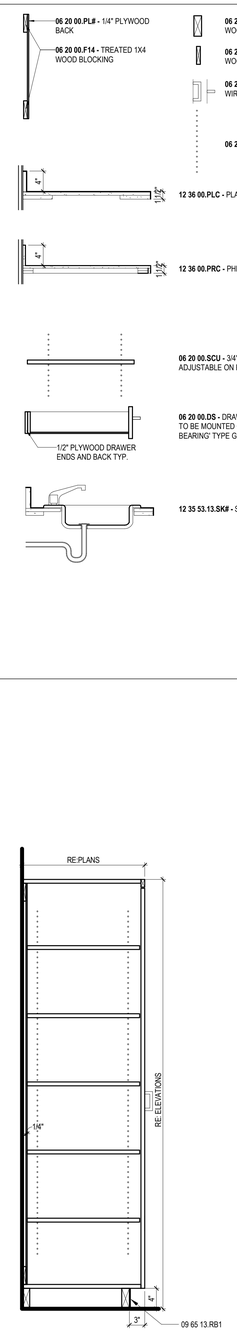
14 410 420
1" = 1'-0"



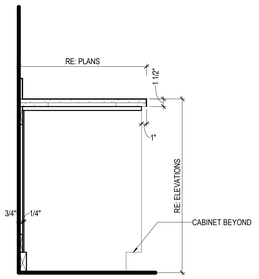
13 CASEWORK @ FUME HOOD
1" = 1'-0"



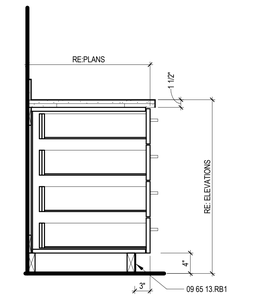
08 TALL CABINET STACKED
1" = 1'-0"



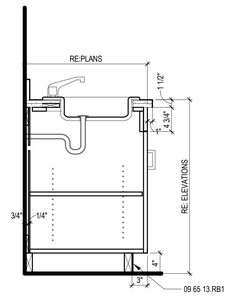
07 411 412 421 422 431 432
1" = 1'-0"



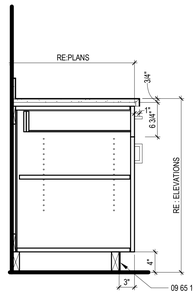
12 160
1" = 1'-0"



11 254
1" = 1'-0"

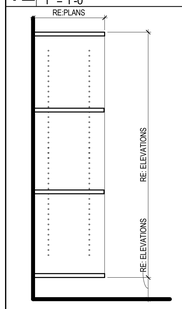


10 177
1" = 1'-0"

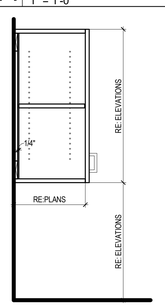


09 211 212
1" = 1'-0"

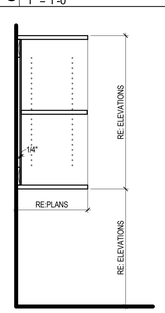
07 411 412 421 422 431 432
1" = 1'-0"



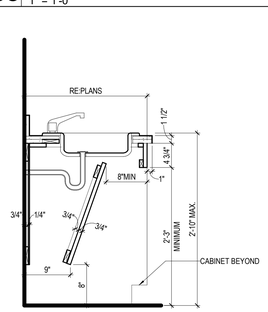
06 341
1" = 1'-0"



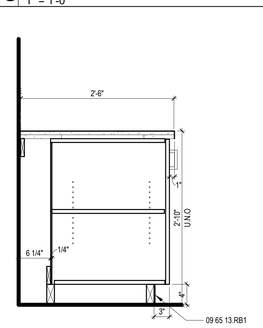
05 301 302
1" = 1'-0"



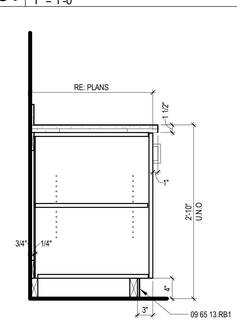
04 300
1" = 1'-0"



03 154B
1" = 1'-0"



02 CASEWORK UNDER FUME HOOD
1" = 1'-0"



01 101 102
1" = 1'-0"

Plot Stamp:
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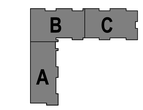
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN



09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

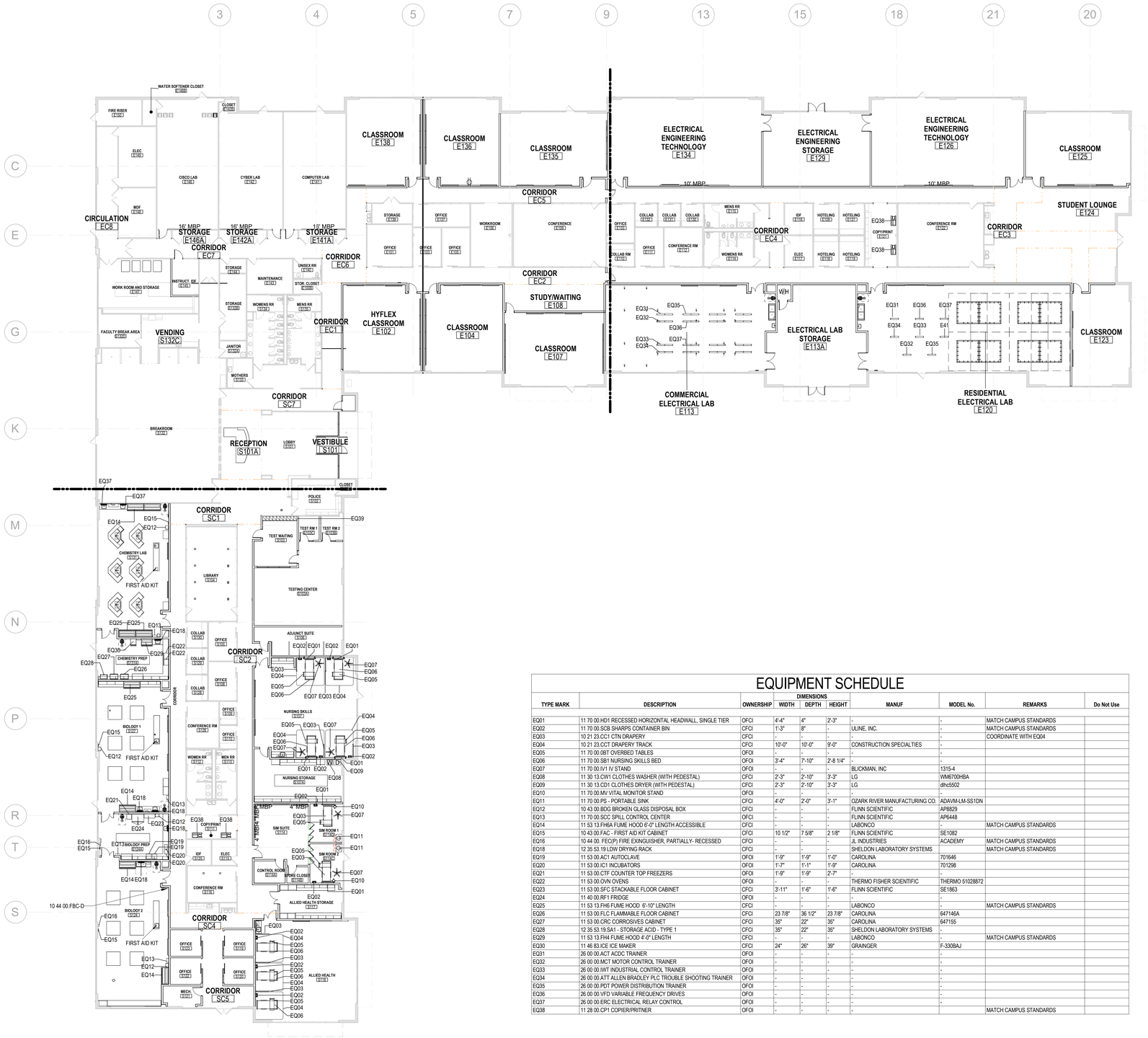
CHECKED BY: Checker
DRAWN BY: Author

MILLWORK / CASEWORK DETAILS

A-961

0"
1"

LEVEL 1 - EQUIPMENT PLAN
AQ101
FOR BLUEBEAM LABELING/OCR:



GENERAL EQUIPMENT NOTES

1. EQUIPMENT PLANS IDENTIFY EQUIPMENT LOCATIONS FOR BASIS OF DESIGN PER SELECTIONS MADE IN EQUIPMENT SCHEDULE
2. REFER TO EQUIPMENT SCHEDULE MANUFACTURER, MODEL, AND SERVICE REQUIREMENTS FOR BASIS-OF-DESIGN
3. UTILIZE SUPPORT NOTES KEY TO IDENTIFY REQUIREMENTS IN EQUIPMENT SCHEDULE
4. REFER TO SPECIFICATIONS FOR SCOPE OF WORK DESIGNATIONS
5. CONTRACTOR SHALL CONFIRM ALL OFCI EQUIPMENT WITH OWNER AND ARCHITECT
6. CONTRACTOR SHALL COORDINATE OFCI EQUIPMENT WITH OWNER AND ARCHITECT
7. QUANTITIES PROVIDED IN SCHEDULE SHALL BE VERIFIED WITH PLANS
8. CONTRACTOR SHALL MATCH CAMPUS STANDARDS FOR MANUFACTURERS AND MODELS

EQUIPMENT SCHEDULE

TYPE MARK	DESCRIPTION	OWNERSHIP	DIMENSIONS WIDTH	DEPTH	HEIGHT	MANUF	MODEL No.	REMARKS	Do Not Use
EQ01	11 70 00.HD1 RECESSED HORIZONTAL HEADWALL, SINGLE TIER	OFCI	4'-4"	4"	2'-3"	-	-	MATCH CAMPUS STANDARDS	
EQ02	11 70 00.SCB SHARPS CONTAINER BIN	CFCI	1'-3"	8"	-	ULINE, INC.	-	MATCH CAMPUS STANDARDS	
EQ03	10 21 23.CC1 CTN DRAPERY	CFCI	-	-	-	-	-	COORDINATE WITH EQ04	
EQ04	10 21 23.CCT DRAPERY TRACK	CFCI	10'-0"	10'-0"	9'-0"	CONSTRUCTION SPECIALTIES	-		
EQ05	11 70 00.0BT OVERBED TABLES	OFOI	-	-	-	-	-		
EQ06	11 70 00.SB1 NURSING SKILLS BED	OFOI	3'-4"	7'-10"	Z-8 1/4"	-	-		
EQ07	11 70 00.IV1 IV STAND	OFOI	-	-	-	BLICKMAN, INC	1315-4		
EQ08	11 30 13.CW1 CLOTHES WASHER (WITH PEDESTAL)	CFCI	2'-3"	2'-10"	3'-3"	LG	WM6700HBA		
EQ09	11 30 13.CD1 CLOTHES DRYER (WITH PEDESTAL)	CFCI	2'-3"	2'-10"	3'-3"	LG	dhc5502		
EQ10	11 70 00.MV VITAL MONITOR STAND	OFOI	-	-	-	-	-		
EQ11	11 70 00.PS - PORTABLE SINK	CFCI	4'-0"	2'-0"	3'-1"	OZARK RIVER MANUFACTURING CO.	ADAVM-LM-SS1DN		
EQ12	10 43 00.BDG BROKEN GLASS DISPOSAL BOX	CFCI	-	-	-	FLINN SCIENTIFIC	AP8829		
EQ13	11 70 00.SCC SPILL CONTROL CENTER	OFCI	-	-	-	FLINN SCIENTIFIC	AP6448		
EQ14	11 53 13.FH6A FUME HOOD 6'-0" LENGTH ACCESSIBLE	CFCI	-	-	-	LABONCO	-	MATCH CAMPUS STANDARDS	
EQ15	10 43 00.FAC - FIRST AID KIT CABINET	CFCI	10 1/2"	7 5/8"	2 1/8"	FLINN SCIENTIFIC	SE1082		
EQ16	10 44 00. FEC(P) FIRE EXINGUISHER, PARTIALLY- RECESSED	CFCI	-	-	-	JL INDUSTRIES	ACADEMY	MATCH CAMPUS STANDARDS	
EQ18	12 35 53.19 LDW DRYING RACK	CFCI	-	-	-	SHELDON LABORATORY SYSTEMS	-	MATCH CAMPUS STANDARDS	
EQ19	11 53 00.AC1 AUTOCLAVE	OFOI	1'-9"	1'-9"	1'-0"	CAROLINA	701646		
EQ20	11 53 00.IC1 INCUBATORS	OFOI	1'-7"	1'-1"	1'-9"	CAROLINA	701298		
EQ21	11 53 00.CTF COUNTER TOP FREEZERS	OFOI	1'-9"	1'-9"	2'-7"	-	-		
EQ22	11 53 00.OVN OVENS	OFOI	-	-	-	THERMO FISHER SCIENTIFIC	THERMO 51028872		
EQ23	11 53 00.SFC STACKABLE FLOOR CABINET	CFCI	3'-11"	1'-6"	1'-6"	FLINN SCIENTIFIC	SE1863		
EQ24	11 40 00.RF1 FRIDGE	OFOI	-	-	-	-	-		
EQ25	11 53 13.FH6 FUME HOOD 6'-10" LENGTH	CFCI	-	-	-	LABONCO	-	MATCH CAMPUS STANDARDS	
EQ26	11 53 00.FLC FLAMMABLE FLOOR CABINET	CFCI	23 7/8"	36 1/2"	23 7/8"	CAROLINA	647146A		
EQ27	11 53 00.CRC CORROSIVES CABINET	CFCI	35"	22"	35"	CAROLINA	647155		
EQ28	12 35 53.19.SA1 - STORAGE ACID - TYPE 1	CFCI	35"	22"	35"	SHELDON LABORATORY SYSTEMS	-		
EQ29	11 53 13.FH4 FUME HOOD 4'-0" LENGTH	CFCI	-	-	-	LABONCO	-	MATCH CAMPUS STANDARDS	
EQ30	11 46 83.ICE ICE MAKER	CFCI	24"	26"	39"	GRAINGER	F-330BAJ		
EQ31	26 00 00.ACT ACDC TRAINER	OFOI	-	-	-	-	-		
EQ32	26 00 00.MCT MOTOR CONTROL TRAINER	OFOI	-	-	-	-	-		
EQ33	26 00 00.INT INDUSTRIAL CONTROL TRAINER	OFOI	-	-	-	-	-		
EQ34	26 00 00.ATT ALLEN BRADLEY PLC TROUBLE SHOOTING TRAINER	OFOI	-	-	-	-	-		
EQ35	26 00 00.PDT POWER DISTRIBUTION TRAINER	OFOI	-	-	-	-	-		
EQ36	26 00 00.VFD VARIABLE FREQUENCY DRIVES	OFOI	-	-	-	-	-		
EQ37	26 00 00.ERC ELECTRICAL RELAY CONTROL	OFOI	-	-	-	-	-		
EQ38	11 28 00.CP1 COPIER/PRITNER	OFOI	-	-	-	-	-	MATCH CAMPUS STANDARDS	

01 LEVEL 1 - OVERALL EQUIPMENT FLOOR PLAN
1/16" = 1'-0"

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION
2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130
CLIENT PROJECT NO: 250033
ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C
A

KEY PLAN
NORTH: PLAN TRUE

REGISTERED ARCHITECT JESSICA BRIENEN 20575 STATE OF TEXAS
09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT
DATE 09/24/2025
PROJECT NUMBER 250033
DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

LEVEL 1 - EQUIPMENT PLAN

AQ101

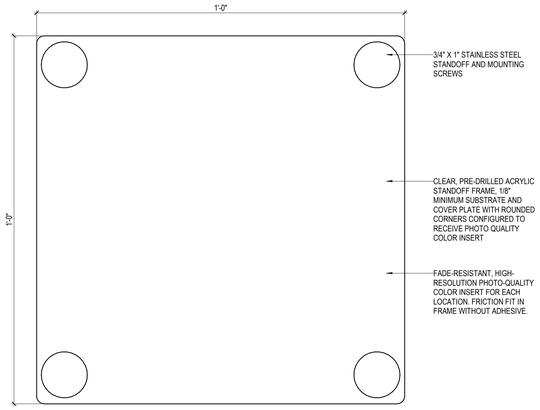
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SIGNAGE GRAPHIC STANDARDS
AG051
FOR BLUEBEAM LABELING/OCR:

0"
1"

GENERAL GRAPHICS NOTES

1. ALL GRAPHIC SIGNAGE SHALL BE COMPLIANT WITH ALL APPLICABLE ACCESSIBILITY REQUIREMENTS. VERIFY REQUIREMENTS AND COMPLIANCE PRIOR TO FABRICATION.
2. PROVIDE AND INSTALL ONE SIGN FOR EVERY DOOR IN DOOR SCHEDULE, PLUS ONE SIGN FOR EVERY PERMANENT ROOM AND OR SPACE WITHOUT A DOOR.
3. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO DOOR OR AT DOUBLE LEAF DOOR LOCATIONS, INSTALL SIGN ON THE NEAREST ADJACENT WALL.
4. TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48 INCHES MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE AND 60 INCHES MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE.
5. CHARACTER FONTS SHALL BE UPPERCASE, SANS SERIF, SWISS 721 CONDENSED BT BOLD, NON-ITALIC, NON-OBLIQUE, NON-SCRIPT, NON-DECORATIVE, RAISED 1/32 INCH, PAINTED WHITE.
6. CHARACTER FONT PROPORTIONS SHALL BE HAVE A WIDTH OF THE UPPERCASE LETTER "O" 55 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I".
7. CHARACTER FONT HEIGHT SHALL BE 5/8 INCH HIGH MINIMUM AND 2 INCH HIGH MAXIMUM.
8. CHARACTER FONT STROKE THICKNESS OF THE UPPER CASE LETTER "I" SHALL BE 15 PERCENT MAXIMUM OF THE HEIGHT OF THE CHARACTER.
9. CHARACTER FONT SPACING OF CHARACTERS WITH RECTANGULAR CROSS SECTIONS SHALL BE 1/8 INCH MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM.
10. CHARACTER FONT SPACING OF CHARACTERS WITH NON-RECTANGULAR CROSS SECTIONS SHALL BE 1/16 INCH MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE BASE OF THE CROSS SECTIONS, AND 1/8 INCH MINIMUM AND 4 TIMES THE RAISED CHARACTER STROKE WIDTH MAXIMUM AT THE TOP OF THE CROSS SETCIONS.
11. CHACTER FONTS SHALL BE SEPARATED FROM RAISED BORDERS AND DECORATIVE ELEMENTS 3/8 INCH MINIMUM.
12. GRADE 2 BRAILLE SHALL ACCOMPANY ALL RAISED TEXT. BRAILLE DOTS SHALL HAVE DOMED OR ROUNDED SHAPE, AND BE POSITIONED BELOW THE CORRESPONDING TEXT. IF TEXT IS MULTI-LINED, BRAILLE SHALL BE PLACED BELOW THE ENTIRE TEXT.
13. BRAILLE SHALL BE SEPARATED 3/8 INCH MINIMUM FROM RAISED BORDERS AND DECORATIVE ELEMENTS.
14. PICTOGRAMS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE 6 INCHES MINIMUM IN HEIGHT.
15. SIGN MATERIAL SHALL BE 1/4 INCH THICK WITH MATTE, NON-GLARE PLASTIC LAMINATE FRONT FACE AND MATTE, NON-GLARE PLASTIC LAMINATE BACK FACE. CHARACTER AND SYMBOL COLOR SHALL CONTRAST WITH BACKGROUND COLOR. COLORS SHALL BE SELECTED BY ARCHITECT AND OR OWNER.
16. SIGN EDGE SHALL BE PAINTED ALL AROUND TO MATCH SIGN FACE.
17. CONTRACTOR TO PROVIDE ONE SIGN PER DOOR OR NUMBER IN SCHEDULE WHICHEVER IS GREATER.
18. CONTRACTOR TO PROVIDE COORDINATING BACK PLATES OF THE SAME MATERIAL IF SIGNS ARE MOUNTED TO GLASS.



K EVACUATION



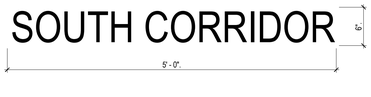
RECREATE EXISTING SIGN, IN BLUE VINYL LETTERING

J.2 LARGE LETTER VINYL



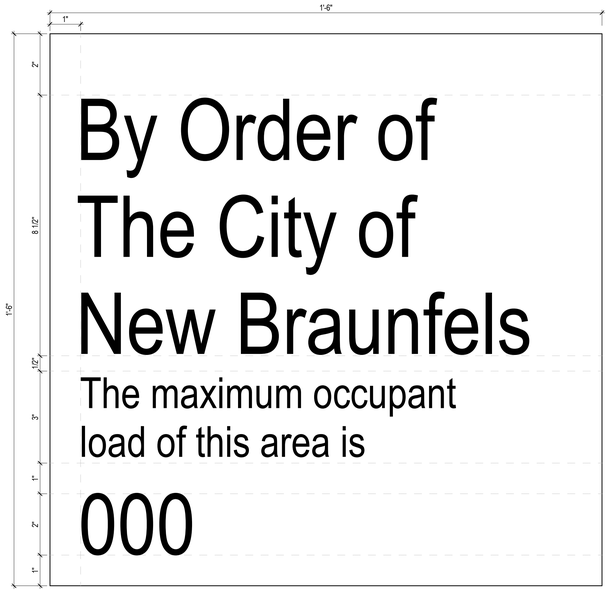
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J.1 LARGE LETTER VINYL



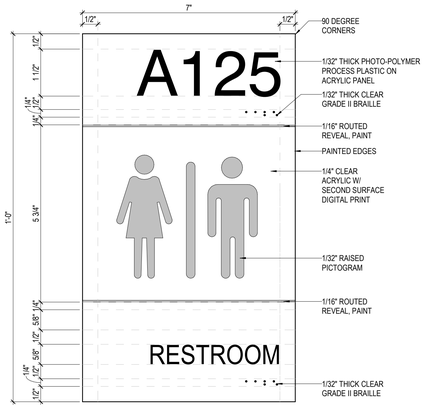
EXISTING LETTERING TO BE RELOCATED

H LARGE LETTER DIRECTIONAL SIGNAGE

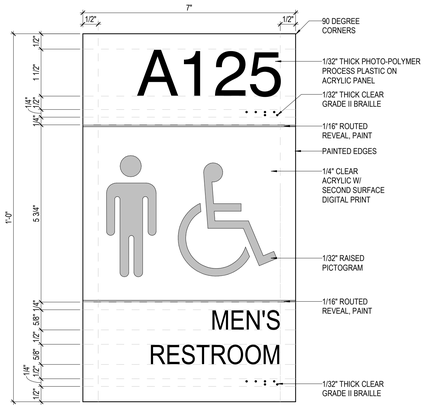


NOTE: VERIFY AND CONFIRM ALL OCCUPANCY SIGNAGE REQUIREMENTS PRIOR TO FABRICATION INCLUDING BUT NOT LIMITED TO SIGN LOCATIONS, SIGN SIZE, TEXT CONTENT, FONT SIZE, COLORS, GRAPHICAL CONTENT, FORMAT

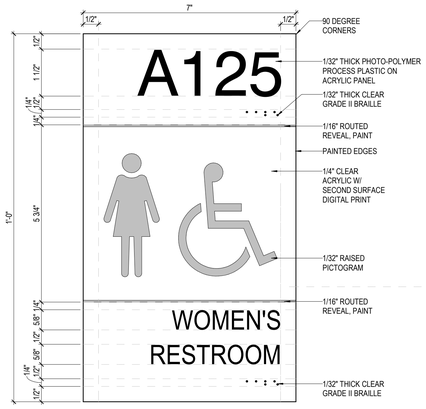
G ASSEMBLY



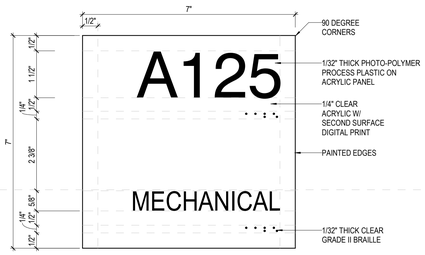
E FACULTY / ASSISTED USE / UNISEX



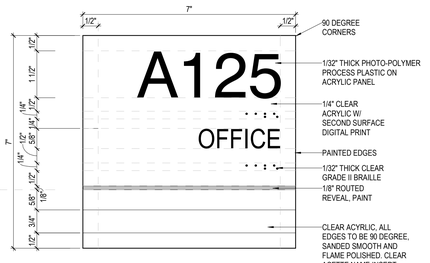
D MEN



C WOMEN



B MECHANICAL



A ADMINISTRATIVE

01 SIGNAGE - GRAPHICS
6" = 1'-0"

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CLIENT PROJECT NO: 250033
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ALAMO COLLEGES DISTRICT

B C A

KEY PLAN
NORTH: PLAN

REGISTERED ARCHITECT JESSICA BRANHAM STATE OF TEXAS 30575
09/24/2025

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE 09/24/2025	PROJECT NUMBER 250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

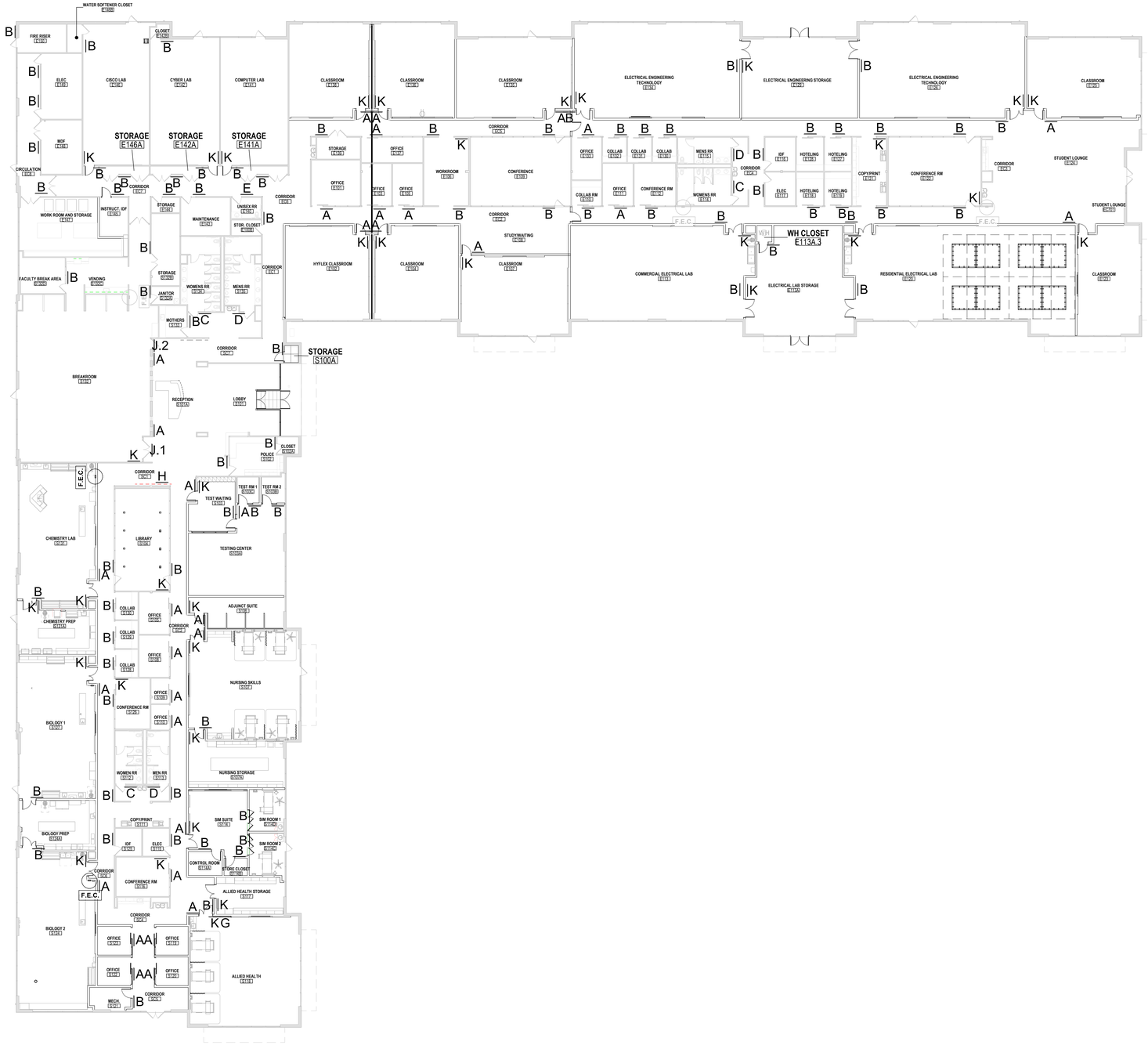
SIGNAGE GRAPHIC STANDARDS

AG051

LEVEL 1 - OVERALL GRAPHICS & SIGNAGE PLAN
AG101

FOR BLUEBEAM LABELING/DOCR:

0"
1"



01 LEVEL 1 - OVERALL GRAPHICS & SIGNAGE PLAN
1/16" = 1'-0"

ROOM SIGNAGE SCHEDULE - FULL

PLAN ROOM NUMBER	SIGNAGE ROOM NUMBER	PLAN ROOM NAME	SIGNAGE ROOM NAME	SIGN TYPE	QUANTITY	NOTES
LEVEL 1						
E100B	E100B	STOR. CLOSET	STORAGE	B	1	
E101	E101	OFFICE	OFFICE	A	1	
E102	E102	HYFLEX CLASSROOM	CLASSROOM	A	1	
E103	E103	OFFICE	OFFICE	A	1	
E104	E104	CLASSROOM	CLASSROOM	A	1	
E105	E105	OFFICE	OFFICE	A	1	
E106	E106	WORKROOM	WORK ROOM	B	2	
E107	E107	CLASSROOM	CLASSROOM	A	1	
E108		STUDY/WAITING	-			
E109	E109	CONFERENCE	CONFERENCE	B	2	
E110	E110	COLLAB RM	COLLABORATION	B	1	
E111	E111	OFFICE	OFFICE	A	1	
E112	E112	CONFERENCE RM	CONFERENCE	B	1	
E113	E113	COMMERCIAL ELECTRICAL LAB	LAB	B	1	
E113A	E113A	ELECTRICAL LAB STORAGE	STORAGE	B	2	
E113A.3	E113A.3	WH CLOSET	MECHANICAL			
E113A.4		ROOM				
E113A.5		ROOM				
E114	E114	WOMENS RR	-	C	1	
E115	E115	MENS RR	-	D	1	
E116	E116	IDF	-	B	1	
E117	E117	ELEC	ELECTRICAL	B	1	
E118	E118	HOTELING	STUDY	B	1	
E119	E119	HOTELING	STUDY	B	1	
E120	E120	RESIDENTIAL ELECTRICAL LAB	LAB	B	1	
E121	E121	COPY/PRINT	WORK ROOM	B	2	
E122	E122	CONFERENCE RM	CONFERENCE	B	2	
E123	E123	CLASSROOM	CLASSROOM	A	1	
E125	E125	CLASSROOM	CLASSROOM	A	1	
E126	E126	ELECTRICAL ENGINEERING TECHNOLOGY	LAB	B	1	
E127	E127	HOTELING	STUDY	B	1	
E128	E128	HOTELING	STUDY	B	1	
E129	E129	ELECTRICAL ENGINEERING STORAGE	STORAGE	B	2	
E130	E130	COLLAB	STUDY	B	1	
E131	E131	COLLAB	STUDY	B	1	
E132	E132	COLLAB	STUDY	B	1	
E133	E134	OFFICE	OFFICE	A	1	
E134	E135	ELECTRICAL ENGINEERING TECHNOLOGY	LAB	B	1	
E135	E136	CLASSROOM	CLASSROOM	A	1	
E136	E137	CLASSROOM	CLASSROOM	A	1	
E137	E138	OFFICE	OFFICE	A	1	
E138	E139	CLASSROOM	CLASSROOM	A	1	
E139	E140	STORAGE	STORAGE	B	1	
E140	E141	UNISEX RR	-	E	1	
E141	E142	COMPUTER LAB	LAB	B	1	
E141A	E142A	STORAGE	STORAGE	B	1	
E142	E143	CYBER LAB	LAB	B	1	
E142A	E143A	STORAGE	STORAGE	B	1	
E142B	E143B	CLOSET	STORAGE	B	1	
E143	E144	MAINTENANCE	MAINTENANCE	B	1	
E144	E145	STORAGE	STORAGE	B	1	
E145	E146	INSTRUCT. IDF	-	B	1	
E146	E147	CISCO LAB	LAB	B	1	
E146A	E147A	STORAGE	STORAGE	B	1	
E146B	E147B	WATER SOFTENER CLOSET	MECHANICAL	B	1	
E147	E148	WORK ROOM AND STORAGE	WORK ROOM	B	1	
E148	E149	MDF	-	B	1	
E149	E150	ELEC	ELECTRICAL	B	2	
E150	E151	FIRE RISER	FIRE RISER		1	EXTERIOR
S100A	S100A	STORAGE	STORAGE	B	1	
S101		LOBBY	-			
S101		VESTIBULE	-		1	
S101A		RECEPTION	-			
S102	S102	POLICE	-	B	1	
S102A	S102A	CLOSET	STORAGE	B	1	
S103	S103	TEST WAITING	TESTING	B	2	
S103A	S103A	TESTING CENTER	TESTING	B	1	
S103B	S103B	TEST RM 2	ROOM 2	B	1	
S103C	S103C	TEST RM 1	ROOM 1	B	1	
S104	S104	LIBRARY	LIBRARY	B	2	
S105	S104	OFFICE	OFFICE	A	1	
S106	S106	ADJUNCT SUITE	OFFICE	A	1	
S107	S107	NURSING SKILLS	LAB	A	1	
S107A	S107A	NURSING STORAGE	STORAGE	B	1	
S107B		STUDENT LOUNGE	-			
S108	S108	OFFICE	OFFICE	A	1	
S109	S109	OFFICE	OFFICE	A	1	
S110	S110	OFFICE	OFFICE	A	1	
S111	S111	COPY/PRINT	WORK ROOM	B	2	
S112	S112	WOMEN RR	-	C	1	
S113	S113	MEN RR	-	D	1	
S114	S114	SIM SUITE	LAB	A	1	
S114A	S114A	CONTROL ROOM	CONTROL ROOM	B	1	
S114B	S114B	STORE CLOSET	STORAGE	B	1	
S114C	S114C	SIM ROOM 2	ROOM 2	B	1	
S114D	S114D	SIM ROOM 1	ROOM 1	B	1	
S115	S115	ELEC	ELECTRICAL	B	1	
S116	S116	CONFERENCE RM	CONFERENCE	A	1	
S117	S117	ALLIED HEALTH STORAGE	STORAGE	A	1	
S118	S118	ALLIED HEALTH	LAB	A	1	ADD TYPE G - LIMIT OCCUPANT LOAD TO 48
S119	S119	OFFICE	OFFICE	A	1	
S120	S120	OFFICE	OFFICE	A	1	
S121	S121	MECH.	MECHANICAL	B	1	
S122	S122	OFFICE	OFFICE	A	1	
S123	S123	OFFICE	OFFICE	A	1	
S124	S124	BIOLOGY 2	LAB	A	1	
S124A	S124A	BIOLOGY PREP	STORAGE	B	2	
S125	S125	IDF	-	B	1	
S126	S126	CONFERENCE RM	CONFERENCE	B	1	
S127	S127	BIOLOGY 1	LAB	A	1	
S128	S128	COLLAB	STUDY	B	1	
S129	S129	COLLAB	STUDY	B	1	
S130	S130	COLLAB	STUDY	B	1	
S131	S131	CHEMISTRY LAB	LAB	A	1	
S131A	S131A	CHEMISTRY PREP	STORAGE	B	1	
S132	S132	BREAKROOM	CAFETERIA	A	3	
S132A	S131E	JANITOR	HOUSEKEEPING	B	1	
S132B	S132D	STORAGE	STORAGE	B	1	
S132D	S132B	FACULTY BREAK AREA	FACULTY	B	1	
S133	S133	MOTHERS	MOTHERS	B	1	
S134	S134	WOMENS RR	-	C	1	
S135	S135	MENS RR	-	D	1	

VINYL GRAPHICS
"EAST CORRIDOR"
"SOUTH CORRIDOR"

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

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KEY PLAN
NORTH: PLAN TRUE

REGISTERED ARCHITECT
JESSICA L. BRENNAN
20575
STATE OF TEXAS
09/24/2025

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

LEVEL 1 - OVERALL GRAPHICS & SIGNAGE PLAN

AG101

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0"

1"

MECHANICAL GENERAL NOTES AND LEGENDS
M-000
FOR BLUEBEAM LABELING/DOCR:

MECHANICAL PIPING SYMBOLS LEGEND

DRAWINGS	DETAILS	DESCRIPTION
		DIRECTION OF FLOW
		DROP IN PIPE
		RISE IN PIPE
		GATE VALVE
		BALL VALVE
		CHECK VALVE
		SUPERVISED VALVE WITH FLOW SWITCH
		PLUG VALVE / GAS COCK
		BUTTERFLY VALVE
		HOT WATER BALANCING VALVE
		PIPE UNION
		PRESSURE CONTROL VALVE
		3-WAY VALVE
		SOLENOID VALVE
		FLOW SWITCH
		PRESSURE GAUGE WITH GAUGE COCK
		THERMOMETER
		T & P RELIEF VALVE
		STRAINER
		CAP
		FLEXIBLE CONNECTION
		NEW CONNECTION TO EXISTING PIPING

NOTES:

1. NOT ALL SYMBOLS MAY BE USED ON THESE DRAWINGS.

MECHANICAL RENOVATIONS NOTES

1. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS PRIOR TO BID DATE.
2. OWNER RETAINS SALVAGE RIGHTS, PROVIDE A MINIMUM OF 72 HOURS NOTICE PRIOR TO REMOVAL OF EQUIPMENT.
3. PATCH AND SEAL ALL SLAB, ROOF AND WALL OPENINGS WITH LIKE MATERIAL WHERE MECHANICAL EQUIPMENT ONCE PENETRATED.
4. ALL FLOOR DRAINS EXISTING TO REMAIN. CONTRACTOR SHALL CLEAN AND KEEP FLOOR DRAINS UNOBSTRUCTED AND REUSE.
5. UNLESS SHOWN OTHERWISE, CONTRACTOR SHALL UTILIZE EXISTING OPENINGS IN WALLS, ROOF AND FLOOR SLABS FOR PIPING ETC. PROVIDE NEW SLEEVES FOR PIPING AND INFILL ANNULAR SPACES.
6. FLUSH AND CLEAN EXISTING CHILLED WATER LOOPS AND PROVIDE NEW CHEMICAL TREATMENT.
7. CONTRACTOR TO AVOID EXISTING CABLE RUNS DURING CONSTRUCTION.
8. PROVIDE ALL NEW PIPE SUPPORTS WHERE PIPING IS SCHEDULED TO BE REPLACED.
9. RE-INSTALL ANY CEILING AFTER COMPLETION OF WORK. REPLACE ANY EXISTING DAMAGED CEILING TILES IN THE AREAS OF CONSTRUCTION.
10. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN EXISTING BUILDING CLIMATE CONTROLLED DURING CONSTRUCTION. ALL REQUIRED EQUIPMENT AND ASSOCIATED POWER, WIRING SHALL BE PROVIDED BY THE CONTRACTOR.
11. CONTRACTOR TO PROVIDE NEW DUCT DETECTOR AS REQUIRED BY CODE ON ALL AIR HANDLING UNITS EQUAL TO OR MORE THAN 2,000 CFM SUPPLY. DETECTOR MANUFACTURER TO MATCH EXISTING DEVICES AND BE COMPATIBLE WITH EXISTING FACP. CONTRACTOR TO PROVIDE AND INSTALL ALL CABLING AND EQUIPMENT/MODULES AS REQUIRED TO CONNECT ADDITIONAL DEVICES TO EXISTING FIRE ALARM CONTROL PANEL.

MECHANICAL DEMOLITION NOTES

1. DEMOLISH EQUIPMENT SCHEDULED FOR REPLACEMENT. EQUIPMENT NOT SCHEDULED FOR REPLACEMENT SHALL REMAIN IN WORKING CONDITION.
2. PATCH AND SEAL ALL ROOF AND WALL OPENINGS WHERE MECHANICAL EQUIPMENT ONCE PENETRATED.
3. DEMOLITION DOES NOT INCLUDE PLUMBING EQUIPMENT.
4. CONTRACTOR TO FIELD VERIFY EXISTING CONDITION TO PRIOR TO DEMOLITION.
5. COORDINATE ALL WORK WITH ALL OTHER TRADES.

MECHANICAL SYMBOLS LEGEND

SYMBOL	DESCRIPTION	ABBV.
	SUPPLY AIR CEILING DIFFUSER	SAG/SAR
	RETURN AIR GRILLE / REGISTER	RAG / RAR
	EXHAUST GRILLE / REGISTER	EG / ER
	SUPPLY AIR CEILING DIFFUSER	CD
	LINEAR SLOT DIFFUSER	LD
	SIDEWALL SUPPLY AIR GRILLE/REGISTER	SAG/SAR
	SIDEWALL RETURN AIR GRILLE/REGISTER	RAG/RAR
	DUCT MT'D. SIDEWALL SUPPLY AIR GRILLE/REGISTER	SAG/SAR
	SUPPLY DUCT RISE/DROP	
	RETURN DUCT RISE/DROP	
	EXHAUST DUCT RISE/DROP	
	DOOR GRILLE	DG
UC 3/4"	UNDERCUT DOOR	UC
WxD TD	LINED RETURN TRANSFER DUCT ABOVE CEILING (SIZE AS INDICATED)	TD
	SQUARE ELBOW WITH DOUBLE THICKNESS TURNING VANES	
	VOLUME DAMPER	MVD
	FLEXIBLE DUCT	FLEX.CONN.
	NEW DUCTWORK	
	EXISTING DUCTWORK / EQUIPMENT	
	DEMO DUCTWORK / EQUIPMENT	
	NEW MECHANICAL EQUIPMENT	
SC	WALL MOUNTED SPEED CONTROLLER	
T	THERMOSTAT SENSOR	
H	HUMIDISTAT SENSOR	
T1	COMBINATION TEMPERATURE AND CO2 SENSOR	
T2	COMBINATION TEMPERATURE, HUMIDITY, & CO2 SENSOR	
T3	COMBINATION TEMPERATURE & HUMIDITY SENSOR	
SD	SMOKE DAMPER	SD
FD	FIRE DAMPER	FD
FS	COMBINATION FIRE AND SMOKE DAMPER	F/SD
CO2	CARBON DIOXIDE SENSOR	CO2
CO	CARBON MONOXIDE SENSOR	CO
BD	BAROMETRIC DAMPER	BD
S	SMOKE DETECTOR (BY DIVISION 28)	S
A	PNEUMATIC DAMPER ACTUATOR	A
BDD	BACKDRAFT DAMPER	BDD
FMS	FLOW MEASURING STATION	FMS
	SPIN-IN VOLUME DAMPER	
M	MOTORIZED DAMPER	M
	AIRFLOW DIRECTION	
	SUPPLY AIR	SA
	RETURN AIR	RA
	OUTSIDE AIR	OA
	EXHAUST AIR	EA
	OWNER-FURNISHED EQUIPMENT	OFE
	ABOVE FINISHED FLOOR	AFF
	BOTTOM OF DUCT	BOD
	NOT IN CONTRACT	NIC
	FURNISHED BY OTHERS	FBO
	REFLECTIVE CEILING PLAN	RCP
	EXISTING	(E)
	SCOPE OF WORK	SOW
	VARIABLE FREQUENCY DRIVE	VFD
	REBALANCE	RB
	DISCONNECT FROM EXISTING	
	CONNECT TO EXISTING	
1 / M-401	PLAN SECTION SECTION NUMBER SHEET NUMBER	
A,150	DIFFUSER SCHEDULE CFM	
RE:01/M-401	DRAWING REFERENCE DETAIL NUMBER SHEET NUMBER	

NOTES:

1. NOT ALL SYMBOLS MAY BE USED ON THESE DRAWINGS.

MECHANICAL GENERAL NOTES

1. ALL WORK SHALL BE PERFORMED AS PER THE LOCAL MECHANICAL CODE, THE LOCAL BUILDING CODES AND LOCAL ENERGY CONSERVATION CODE.
2. PROVIDE ALL MATERIALS, LABOR, EQUIPMENT AND ANY OTHER INCIDENTALS ESSENTIAL FOR A COMPLETE AND OPERATIONAL INSTALLATION OF THE HVAC WORK SHOWN ON THE PLANS.
3. ALL DUCTWORK SHALL BE FABRICATED PER THE LATEST SMACNA STANDARDS.
4. DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL INFO FOR COORDINATION AND POTENTIAL CONFLICTS. THE MECHANICAL SUBCONTRACTOR SHALL WITHOUT EXTRA COST TO THE PROJECT SHALL MAKE REASONABLE MODIFICATIONS IN THE LAYOUT AS NEEDED TO PREVENT CONFLICTS WITH OTHER TRADES, OR FOR PROPER EXECUTION OF THE WORK.
5. DUCT DIMENSIONS INDICATED ON DRAWINGS ARE CLEAR INSIDE AIR STREAM DIMENSIONS.
6. ALL NEW HVAC EQUIPMENT SHALL BE CLEANED AFTER THE FINISHING OF DRYWALL AND PRIOR TO THE RELEASE OF BUILDING TO THE OWNER. IF THE DUCTWORK AND AIR DEVICES ARE NOT PROPERLY PROTECTED DURING CONSTRUCTION THAN IT SHALL BE CLEANED AS WELL. CONTRACTOR TO PROVIDE DOCUMENTATION WITH DATE AND TIME OF ALL THE PERFORMED SERVICES.
7. ALL WALL MOUNTED TEMPERATURE, HUMIDITY AND CO2 SENSORS SHALL BE MOUNTED AT THE SAME ELEVATION AS THE LIGHT SWITCHES. COORDINATE WITH ELECTRICAL DRAWINGS AND ARCHITECTURAL ELEVATION PLAN.
8. REFER TO MECHANICAL ROOF PLAN FOR ROOF MOUNTED EQUIPMENTS.
9. PRIOR TO INSTALLATION OF EQUIPMENT, VERIFY MANUFACTURER'S RECOMMENDED AND CODE REQUIRED CLEARANCES ARE AVAILABLE.
10. COORDINATE ALL WORK WITH ALL OTHER TRADES.
11. PROVIDE FIRE DAMPERS, SMOKE DAMPERS, OR COMBINATION FIRE/SMOKE DAMPERS IN ALL DUCTWORK AND RETURN AIR OPENINGS WHICH PENETRATE FIRE OR SMOKE RATED WALL OR FLOOR SLABS. FIRE OR SMOKE RATED WALLS CAN INCLUDE BUT NOT LIMITED TO CORRIDOR WALLS, MECHANICAL ROOMS, ELECTRICAL ROOMS, AND STORAGE ROOMS. REFER TO ARCHITECTURAL PLANS FOR PARTITION AND WALL TYPES INDICATING FIRE OR SMOKE RATED WALL LOCATION AND RATING.
12. REFER TO ARCHITECTURAL LOUVER SCHEDULE AND ELEVATION PLANS FOR EXACT SIZE, LOCATION AND ELEVATION.
13. ALL FAN POWERED BOXES SHALL BE EQUIPPED WITH FACTORY PROVIDED AND MOUNTED INDUCED AIR INLET ELBOW SOUND ATTENUATOR.
14. ALL TERMINAL UNITS AND INLINE EXHAUST FANS SHALL BE INSTALLED IN PROPER ACCESSIBLE AREA.
15. PROVIDE 24"x24" ACCESS PANEL IN THE GYP BOARD CEILING WHERE TERMINAL UNITS AND INLINE EXHAUST FANS ARE INSTALLED. COORDINATE WITH ARCHITECTURAL CEILING PLANS.
16. COORDINATE ALL AIR DEVICES LOCATIONS WITH FINAL ARCHITECTURAL REFLECTED CEILING PLAN.
17. ALL SUPPLY AND RETURN AIR CEILING DEVICES SHALL BE INSULATED ON TOP OF DEVICES TO PREVENT CONDENSATION. INSULATE DEVICES WITH 1-1/2" WRAPAROUND INSULATION AND TOTALLY COVER ALL SURFACES; SECURE INSULATION IN PLACE AND APPLY INSULATION PRIOR TO MOUNTING AIR DEVICES.
18. PROVIDE TURNING VANES ON ALL RECTANGULAR ELBOWS.
19. ALL EXPOSED DUCTWORK SHALL BE DOUBLE WALL DUCT. REFER TO SPECIFICATION. PAINT DUCTWORK. COORDINATE COLOR WITH THE ARCHITECT.
20. PROVIDE 16x16 RETURN AIR OPENING IN WALL ABOVE CEILING WHERE WALLS GO UPTO DECK AND RETURN OPENING NOT SHOWN ON THE DRAWINGS. SHOW RETURN AIR OPENINGS IN DUCT SHOP DRAWINGS.
21. PROVIDE INTERNALLY LINED DUCT FOR THE FOLLOWING DUCTWORK UNLESS OTHERWISE NOTED ON THE DRAWINGS:
    -FIRST 20'-0" OF SUPPLY AND RETURN DUCT FROM ROOF MOUNTED AIR HANDLING UNITS.
    -FIRST 10'-0" OF ROOF MOUNTED EXHAUST FANS.
    -ALL RETURN AIR BOOTS AND TRANSFER DUCTS.
22. BUILDING AUTOMATION SYSTEM THERMOGRAPHICS SHALL BE UPDATED TO REFLECT CURRENT FLOOR PLAN, ROOM NAMES AND ALL ASSOCIATED HVAC EQUIPMENT.
23. CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE ELECTRICAL AND PLUMBING CHANGES FOR EQUIPMENT PROPOSED THAT DIFFERS FROM THE BASIS OF DESIGN.
24. ANY CHANGES REQUIRED TO ELIMINATE CONFLICTS OR THAT RESULT FROM A FAILURE TO COORDINATE BETWEEN CONTRACTORS SHALL BE WITHOUT ANY ADDITIONAL COST TO THE PROJECT.
25. ALL DUCTWORK (SUPPLY, RETURN, EXHAUST AND OUTSIDE AIR) IN UNCONDITIONED / NON-RETURN PLENUM SHALL BE PROVIDED WITH DUCT WRAP INSULATION.
26. REFER TO SNAP 'N SHIELD REFRIGERANT PIPING SUPPORT DETAIL FOR REFRIGERANT PIPING SUPPORT.
27. PROVIDE INSULATED CONDENSATE DRAIN PIPE FROM FLOOR MOUNTED OR SUSPENDED UNIT TO NEAREST FLOOR DRAIN. REFER TO PLUMBING DRAWINGS FOR EXACT DRAIN LOCATION.
28. PROVIDE CLEAR, WEATHERPROOF ENCLOSURE FOR THE CONTROL VALVE ACTUATORS LOCATED OUTDOORS.
29. ALL EXPOSED AND OUTDOOR REFRIGERANT AND CONDENSATE PIPING SHALL BE PROVIDED WITH INSULATION AND ALUMINUM JACKET.
30. ALL OUTSIDE AIR INTAKE OPENINGS SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY PLUMBING VENT, FUEL-FIRED APPLIANCE VENT OR EXHAUST AIR DISCHARGE.
31. FOR ALL OPEN SPACES (MAIN CORRIDOR, GYM, CAFETERIA, LIBRARY ETC.), PROVIDE SENSORS IN CLEAR LOCKABLE PROTECTIVE ENCLOSURE.
32. NOT ALL SYMBOLS OR ABBREVIATIONS MAY BE USED ON THESE DRAWINGS.
33. CONTRACTOR SHALL FIELD VERIFY EXISTING EQUIPMENT TAG / DESIGNATION NOTATIONS PRIOR TO ORDERING NEW EQUIPMENT SCHEDULED FOR REPLACEMENT.

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE
2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130
CLIENT PROJECT NO. 250033
ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

STATE OF TEXAS
JAMES R. PERRON
145042
LICENSED PROFESSIONAL ENGINEER
09/24/2025
LEAF ENGINEERS
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DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

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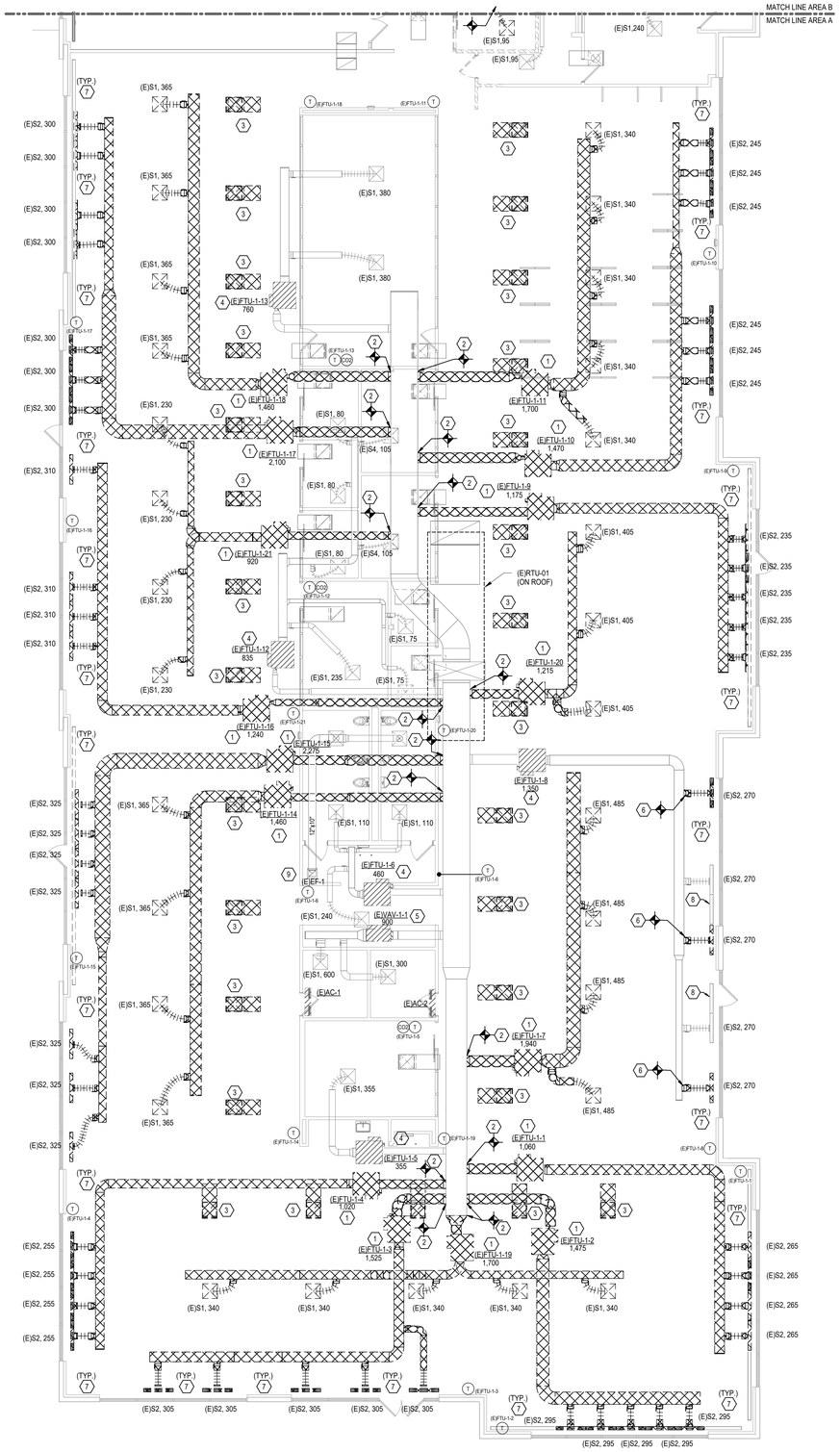
MECHANICAL GENERAL NOTES AND LEGENDS

M-000

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0"
1"

LEVEL 1 - AREA A FLOOR PLAN DEMOLITION - MECHANICAL
MD-101A
FOR BLUEBEAM LABELING/OCR:



KEYNOTES:

1. DEMOLISH EXISTING PARALLEL FAN-POWERED TERMINAL UNITS AND ASSOCIATED WIRING AND CONTROLS. FIELD VERIFY EXACT LOCATION.
2. DEMOLISH ALL EXISTING PRIMARY AIR DUCTWORK FROM MAIN DUCT TO EXISTING TERMINAL UNIT, AND ALL SUPPLY DUCTWORK, AIR DEVICES AND ACCESSORIES LOCATED DOWN STREAM OF EXISTING PARALLEL FAN-POWERED TERMINAL UNITS. FIELD VERIFY EXACT LOCATION.
3. DEMOLISH EXISTING RETURN AIR DEVICE AND RETURN BOOT. FIELD VERIFY EXACT LOCATION.
4. EXISTING PARALLEL FAN-POWERED TERMINAL UNITS TO REMAIN. FIELD VERIFY EXACT LOCATION. VERIFY EQUIPMENT INTEGRITY AND NOTIFY THE A&E TEAM OF ANY DISCREPANCIES ACCORDINGLY.
5. EXISTING VARIABLE AIR VOLUME TERMINAL UNIT TO REMAIN. FIELD VERIFY EXACT LOCATION. VERIFY EQUIPMENT INTEGRITY AND NOTIFY THE A&E TEAM OF ANY DISCREPANCIES ACCORDINGLY.
6. DEMOLISH EXISTING SUPPLY AIR BRANCH DUCTWORK AND RESPECTIVE AIR DEVICE UP TO THIS POINT. FIELD VERIFY EXACT LOCATION. SEAL AND PATCH DUCTWORK OPENING AS REQUIRED.
7. DEMOLISH EXISTING LINEAR SLOT RETURN AIR DEVICES IN THIS AREA. FIELD VERIFY EXACT LOCATION.
8. EXISTING LINEAR SLOT RETURN AIR DEVICES TO REMAIN. FIELD VERIFY EXACT LOCATION.
9. EXISTING EXHAUST FAN ON ROOF AND ASSOCIATED DUCTWORK AND AIR DEVICES TO REMAIN.

1 **AREA A FLOOR PLAN DEMOLITION - MECHANICAL**
SCALE: 1/8" = 1'-0"

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KEY PLAN
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09/24/2025
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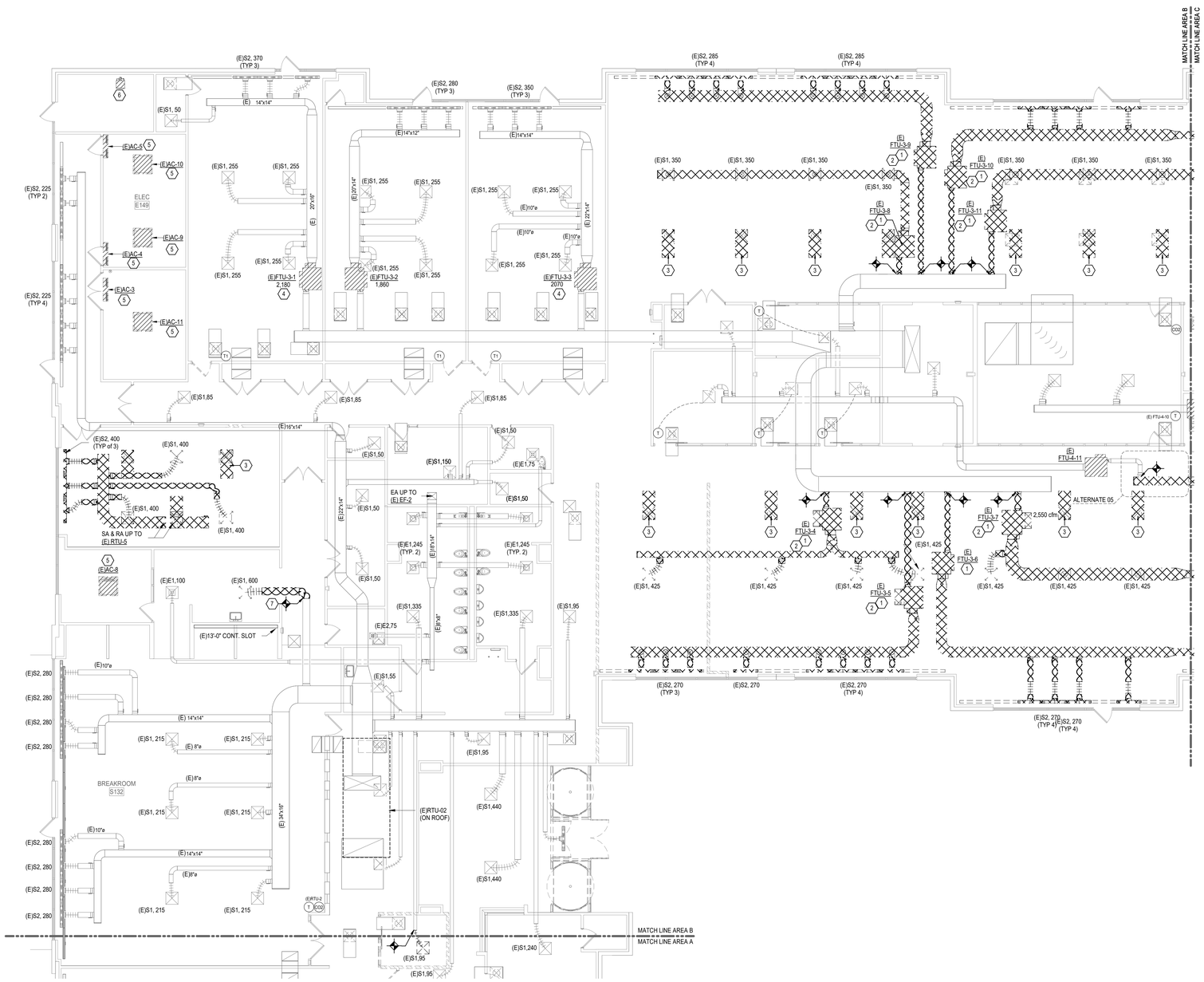
LEVEL 1 - AREA A FLOOR PLAN DEMOLITION - MECHANICAL

MD-101A

0"

1"

LEVEL 1 - AREA B FLOOR PLAN DEMOLITION - MECHANICAL
MD-101B
FOR BLUEBEAM LABELING/OCR:



KEYNOTES:

1. DEMOLISH EXISTING PARALLEL FAN-POWERED TERMINAL UNITS AND ASSOCIATED WIRING AND CONTROLS. FIELD VERIFY EXACT LOCATION.
2. DEMOLISH ALL EXISTING PRIMARY AIR DUCTWORK FROM MAIN DUCT TO EXISTING TERMINAL UNIT, AND ALL SUPPLY DUCTWORK, AIR DEVICES AND ACCESSORIES LOCATED DOWN STREAM OF EXISTING PARALLEL FAN-POWERED TERMINAL UNITS. FIELD VERIFY EXACT LOCATION.
3. DEMOLISH EXISTING RETURN AIR DEVICE AND RETURN BOOT. FIELD VERIFY EXACT LOCATION.
4. EXISTING PARALLEL FAN-POWERED TERMINAL UNITS TO REMAIN. FIELD VERIFY EXACT LOCATION. VERIFY EQUIPMENT INTEGRITY AND NOTIFY THE A&E TEAM OF ANY DISCREPANCIES ACCORDINGLY.
5. EXISTING DUCTLESS DX SPLIT SYSTEM INDOOR UNIT TO REMAIN. FIELD VERIFY EXACT LOCATION. VERIFY EQUIPMENT INTEGRITY AND ENSURE THAT ALL CONDENSATE PIPING IS PROPERLY INSULATED AND SUPPORTED. NOTIFY THE A&E TEAM OF ANY DISCREPANCIES ACCORDINGLY.
6. EXISTING ELECTRIC UNIT HEATER TO REMAIN. FIELD VERIFY EXACT LOCATION. VERIFY EQUIPMENT INTEGRITY AND NOTIFY THE A&E TEAM OF ANY DISCREPANCIES ACCORDINGLY.
7. DEMOLISH EXISTING SUPPLY AIR BRANCH DUCTWORK AND RESPECTIVE AIR DEVICE UP TO THIS POINT. FIELD VERIFY EXACT LOCATION.

1 LEVEL 1 AREA B FLOOR PLAN DEMOLITION - MECHANICAL
SCALE: 1/8" = 1'-0"

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LEVEL 1 - AREA B FLOOR PLAN DEMOLITION - MECHANICAL

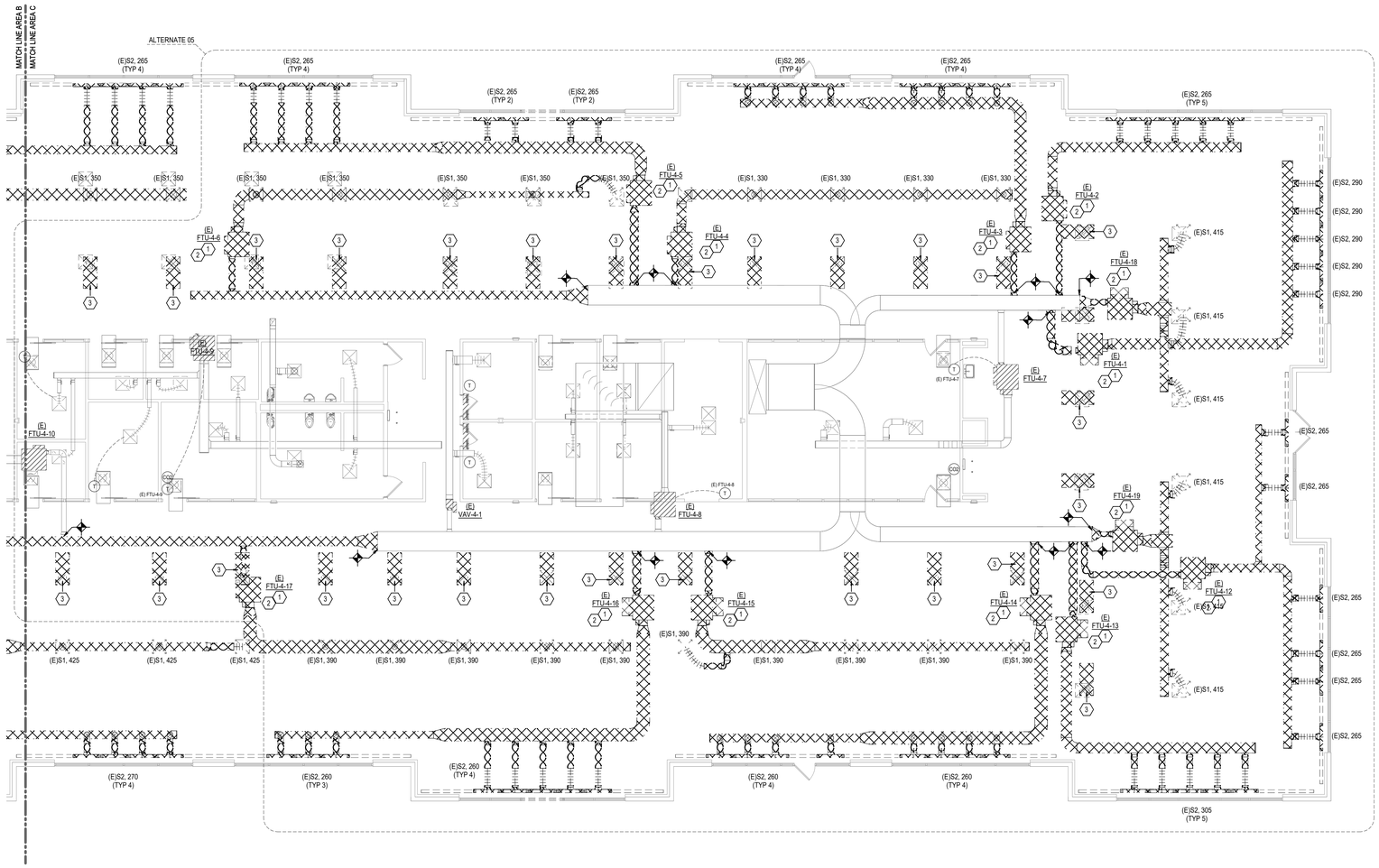
MD-101B

0"

1"

LEVEL 1 - AREA C FLOOR PLAN DEMOLITION - MECHANICAL
MD-101C

FOR BLUEBEAM LABELING/OCR:



ALTERNATE 05 - DEDUCTIVE ALTERNATE, AREA C

BASE BID: AREA C TO BE BUILT OUT AS SHOWN IN DRAWINGS

ALTERNATE: AREA TO BE LEFT AS A SHELL SPACE. REFERENCE "ALTERNATE NOTES" ON THIS SHEET.

ALTERNATE NOTES:

EXISTING HVAC EQUIPMENT AND ASSOCIATED DUCTWORK, AIR DEVICES, AND CONTROLS CONNECTED TO EXISTING RTU-4 IN THE ENCLOSED AREA INDICATED ON PLANS SHALL REMAIN.

DEMOLITION OF CEILING AND RETURN AIR GRILLES IN THE ENCLOSED REGION. SUSPEND EXISTING CEILING MOUNTED AIR DEVICES TO REMAIN WITH GUY WIRE FROM STRUCTURE

KEYNOTES:

1. DEMOLISH EXISTING PARALLEL FAN-POWERED TERMINAL UNITS AND ASSOCIATED WIRING AND CONTROLS. INSTALL PER MANUFACTURER'S REQUIREMENTS.
2. DEMOLISH ALL EXISTING PRIMARY AIR DUCTWORK FROM MAIN DUCT TO EXISTING TERMINAL UNIT, AND ALL SUPPLY DUCTWORK, AIR DEVICES AND ACCESSORIES LOCATED DOWN STREAM OF EXISTING PARALLEL FAN-POWERED TERMINAL UNITS.
3. DEMOLISH EXISTING RETURN AIR DEVICE AND RETURN BOOT.

1 **LEVEL 1 AREA C FLOOR PLAN DEMOLITION - MECHANICAL**
SCALE: 1/8" = 1'-0"

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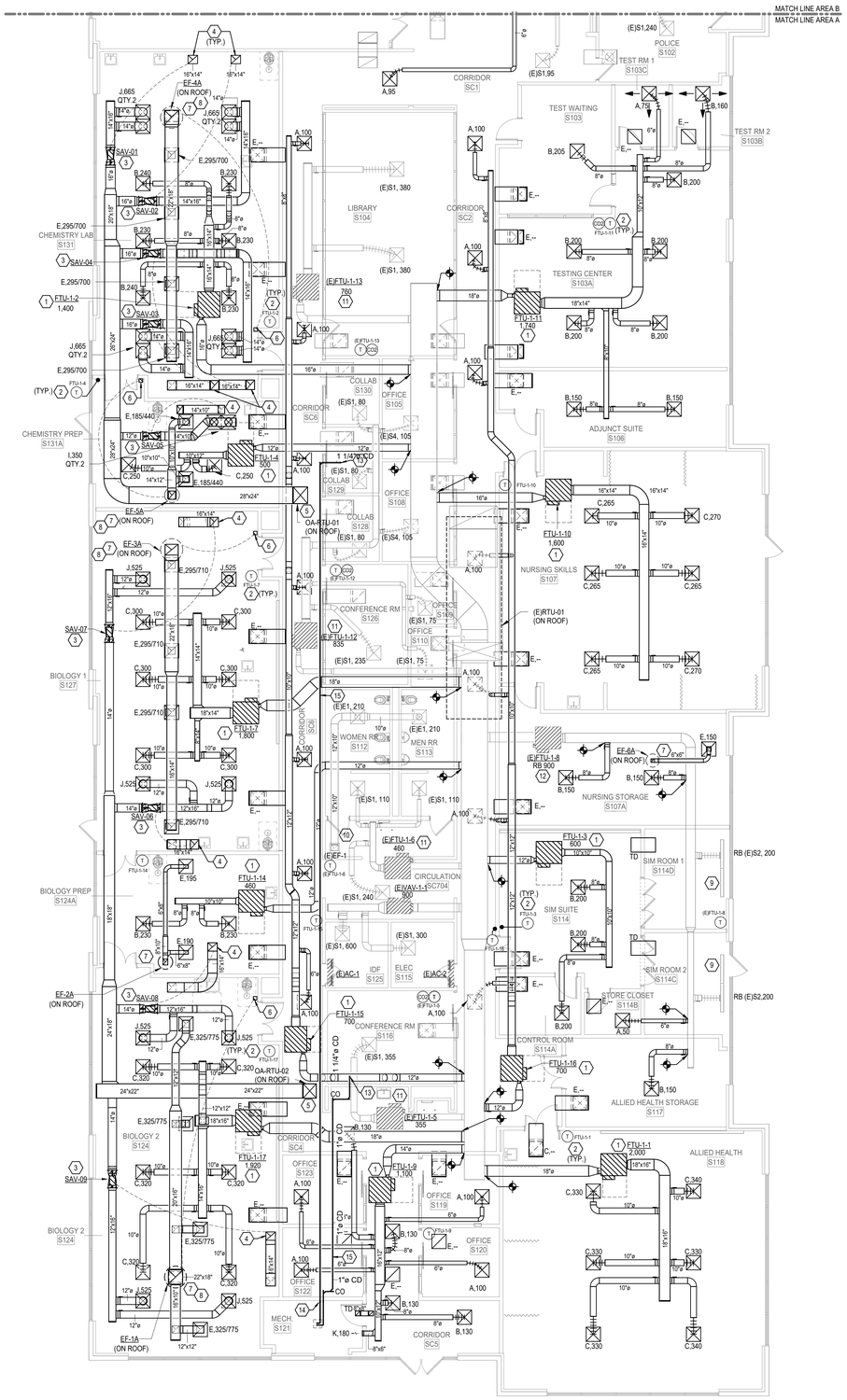
LEVEL 1 - AREA C FLOOR PLAN DEMOLITION - MECHANICAL

MD-101C

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0"
1"

LEVEL 1 - AREA A - FLOOR PLAN MECHANICAL
M-101A
FOR BLUEBEAM LABELING/DOOR:



KEYNOTES:

1. PROVIDE PARALLEL FAN-POWERED TERMINAL BOX AND CONTROLS AS SCHEDULED. INSTALL PER MANUFACTURER'S REQUIREMENTS.
2. PROVIDE THERMOSTAT/SENSOR AND CONNECT TO FAN POWERED TERMINAL BOX AND BMS.
3. PROVIDE AIR VALVES FOR MAKEUP AIR, INCLUDE CONTROLS AS SCHEDULED. INSTALL PER MANUFACTURER'S REQUIREMENTS. PROVIDE ACCESS PANEL AS REQUIRED.
4. ROUTE EXHAUST DUCT SERVING LAB FUME HOODS TO LAB EXHAUST FANS LOCATED ON ROOF.
5. SUPPLY DUCT SERVING LAB FUME HOODS MAKEUP AIR DOWN FROM DOAS UNIT LOCATED ON ROOF. FIELD COORDINATE DUCTWORK ROOF PENETRATION TO AVOID STRUCTURAL AND OTHER DISCIPLINES CONFLICT, OFFSET DUCTWORK AS REQUIRED.
6. EMERGENCY PURGE FAN SWITCH. MOUNT AT THE SAME ELEVATION AS THE LIGHT SWITCHES. CONNECT TO RESPECTIVE EXHAUST FAN MOUNTED ON THE ROOF AS REQUIRED.
7. EXHAUST DUCTWORK RISING UP THRU ROOF TO ROOF MOUNTED EXHAUST FAN. TRANSITION TO UNIT INLET AS REQUIRED.
8. EXHAUST FAN SHALL BE TWO-SPEED, WITH LOW-SPEED OPERATION PROVIDING BASELINE GENERAL EXHAUST, AND HIGH-SPEED OPERATION ENGAGED FOR EMERGENCY PURGE TO DELIVER INCREASED AIRFLOW AS REQUIRED.
9. EXISTING LINEAR SLOT RETURN AIR DEVICES TO REMAIN IN THIS AREA. FIELD VERIFY EXACT LOCATION.
10. EXISTING EXHAUST FAN ON ROOF AND ASSOCIATED DUCTWORK AND AIR DEVICES TO REMAIN.
11. EXISTING PARALLEL FAN-POWERED TERMINAL UNIT TO REMAIN. VERIFY CONDITION OF EXISTING EQUIPMENT AND REPLACE WITH NEW AS REQUIRED. FIELD VERIFY EXACT LOCATION.
12. EXISTING PARALLEL FAN-POWERED TERMINAL UNIT TO REMAIN AND CFM TO BE RE-BALANCE AS SHOWN. VERIFY CONDITION OF EXISTING EQUIPMENT AND REPLACE WITH NEW AS REQUIRED. FIELD VERIFY EXACT LOCATION.
13. CONDENSATE PIPING DOWN FROM ROOF TOP DOAS UNIT. ROUTE CONDENSATE PIPING TO THE NEAREST FLOOR SINK AND TERMINATE WITH AN APPROVED AIR GAP. COORDINATE WITH PLUMBING DISCIPLINE AS REQUIRED. OFFSET PIPING AS REQUIRED.
14. ROUTE CONDENSATE PIPING TO FLOOR SINK. FIELD VERIFY EXACT LOCATION. PROVIDE SUPPORT FOR VERTICAL RISER AND INSULATE AS REQUIRED.
15. SUPPORT ALL PIPING TO THE STRUCTURE AS REQUIRED BY THE LOCAL CODE AND / OR AUTHORITY HAVING JURISDICTION.

1 LEVEL 1 AREA A FLOOR PLAN- MECHANICAL
SCALE: 1/8" = 1'-0"

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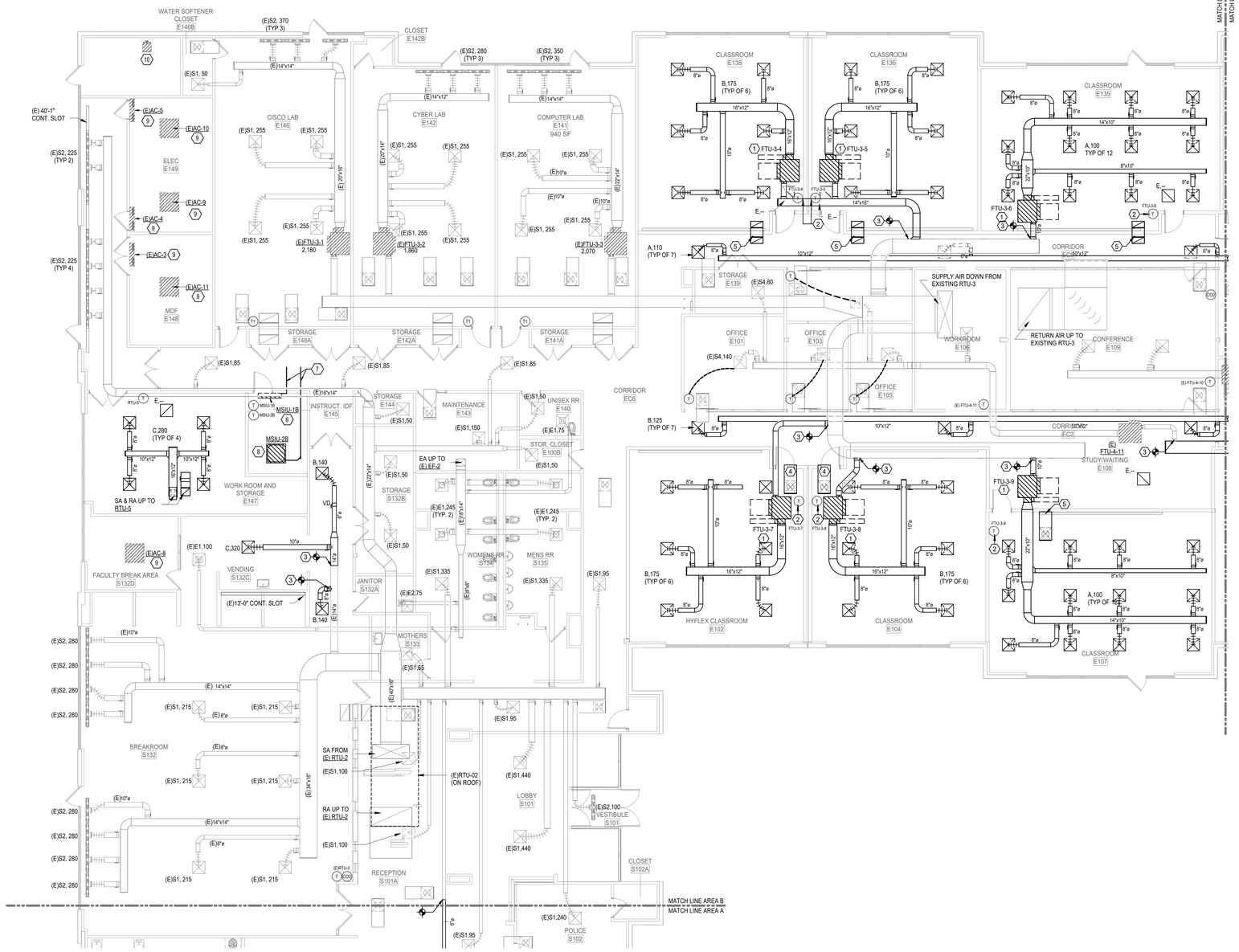
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LEVEL 1 - AREA A - FLOOR PLAN MECHANICAL

M-101A

LEVEL 1 - AREA B - FLOOR PLAN MECHANICAL
M-101B
FOR BLUEBEAM LABELING/DOOR:

0"
1"



KEYNOTES:

1. PARALLEL FAN-POWERED TERMINAL BOX AS SCHEDULED. INSTALL PER MANUFACTURER'S REQUIREMENTS.
2. PROVIDE THERMOSTAT/SENSOR AND CONNECT TO FAN POWERED TERMINAL BOX AND BMS.
3. PROVIDE NEW CONNECTION FROM MAIN DUCT TO PRIMARY AIR FOR FAN POWERED TERMINAL UNITS AND SEAL TO SMACNA STANDARDS.
4. PROVIDE RETURN AIR DEVICE AS SCHEDULED AND PROVIDE WITH RETURN BOOT FOR SOUND ATTENUATION. EXTEND THRU FULL HEIGHT WALL AND SEAL PENETRATION AIR TIGHT AS REQUIRED.
5. 24"X12" TRANSFER DUCT. PROVIDE WITH SOUND ATTENUATION. EXTEND THRU FULL HEIGHT WALL AND SEAL PENETRATION AIR TIGHT AS REQUIRED.
6. NEW WALL-MOUNTED, INDOOR DX MINI SPLIT UNIT AS SCHEDULED. INSTALL PER MANUFACTURER'S REQUIREMENTS.
7. NEW INSULATED CONDENSATE BRANCH DRAIN LINE ROUTED FROM NEW INDOOR MINI SPLIT UNIT AND CONNECT TO EXISTING CONDENSATE MAIN.
8. NEW CEILING-MOUNTED CASSATTE, INDOOR DX MINI SPLIT UNIT AS SCHEDULED. INSTALL PER MANUFACTURER'S REQUIREMENTS.
9. EXISTING DUCTLESS DX SPLIT SYSTEM INDOOR UNIT TO REMAIN. FIELD VERIFY EXACT LOCATION. VERIFY EQUIPMENT INTEGRITY AND ENSURE THAT ALL CONDENSATE PIPING IS PROPERLY INSULATED AND SUPPORTED. NOTIFY THE A&E TEAM OF ANY DISCREPANCIES ACCORDINGLY.
10. EXISTING ELECTRIC UNIT HEATER TO REMAIN. FIELD VERIFY EXACT LOCATION. VERIFY EQUIPMENT INTEGRITY AND NOTIFY THE A&E TEAM OF ANY DISCREPANCIES ACCORDINGLY.

1 **LEVEL 1 AREA B - FLOOR PLAN MECHANICAL**
SCALE: 1/8" = 1'-0"

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NORTH: PLAN TRUE

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09/24/2025
LEAF ENGINEERS
F-18672

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DATE	PROJECT NUMBER
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DRAWING HISTORY

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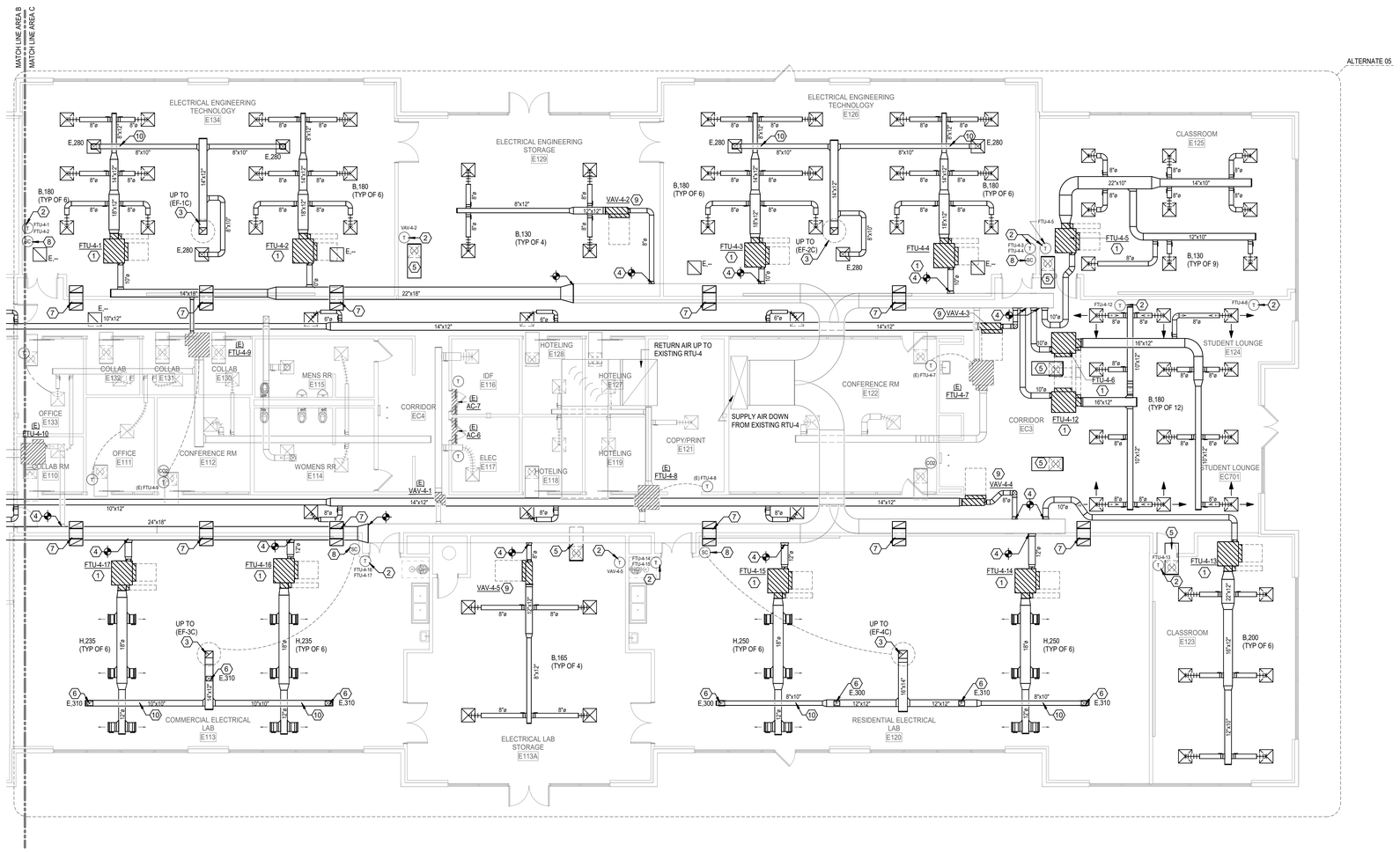
LEVEL 1 - AREA B - FLOOR PLAN MECHANICAL

M-101B

LEVEL 1 - AREA C - FLOOR PLAN MECHANICAL
M-101C

FOR BLUEBEAM LABELING/OCR:

0"
1"



ALTERNATE 05 - DEDUCTIVE ALTERNATE, AREA C

BASE BID: AREA C TO BE BUILT OUT AS SHOWN IN DRAWINGS

ALTERNATE: AREA TO BE LEFT AS A SHELL SPACE. REFERENCE "ALTERNATE NOTES" ON THIS SHEET.

ALTERNATE NOTES:

ALL MECHANICAL EQUIPMENT, DUCT WORK, AIR DEVICES, ETC. SERVED BY RTU-4 IS EXISTING TO REMAIN.

KEYNOTES:

1. PARALLEL FAN-POWERED TERMINAL BOX AS SCHEDULED. INSTALL PER MANUFACTURER'S REQUIREMENTS.
2. PROVIDE THERMOSTAT/SENSOR AND CONNECT TO FAN POWERED TERMINAL BOX AND BMS.
3. PROVIDE NEW EXHAUST DUCT ROUTED UP THRU ROOF DECK TO EXHAUST FAN LOCATED ON ROOF. REFER TO SHEET M-201 FOR CONTINUATION.
4. PROVIDE NEW CONNECTION FROM MAIN DUCT TO PRIMARY AIR FOR FAN POWERED TERMINAL UNITS AND SEAL TO SMACNA STANDARDS.
5. PROVIDE RETURN AIR DEVICE AS SCHEDULED AND PROVIDE WITH RETURN BOOT FOR SOUND ATTENUATION. EXTEND THRU FULL HEIGHT WALL AND SEAL PENETRATION AIR TIGHT AS REQUIRED.
6. EXHAUST AIR DEVICE MOUNTED TO BOTTOM OF DUCT. PROVIDE WITH BALANCING DAMPER. (TYP.)
7. 24"X12" TRANSFER DUCT. PROVIDE WITH SOUND ATTENUATION. EXTEND THRU FULL HEIGHT WALL AND SEAL PENETRATION AIR TIGHT AS REQUIRED.
8. PROVIDE WALL-MOUNTED SPEED CONTROLLER FOR EXHAUST FAN. INSTALL PER MANUFACTURER'S REQUIREMENTS.
9. SINGLE-DUCT TERMINAL UNIT AS SCHEDULED. INSTALL PER MANUFACTURER'S REQUIREMENTS.
10. INSTALL EXHAUST DUCT TIGHT TO STRUCTURE ABOVE AND ROUTE OVER SUPPLY DUCT. (TYP.)

1 **LEVEL 1 AREA C - FLOOR PLAN MECHANICAL**
SCALE: 1/8" = 1'-0"

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LEAF ENGINEERS
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SAN ANTONIO, TX 78216
210-638-7200
TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
JAMES R. PERRON
145042
LICENSED
PROFESSIONAL ENGINEER

09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

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LEVEL 1 - AREA C - FLOOR PLAN MECHANICAL

M-101C

ROOF PLAN - MECHANICAL
M-102

FOR BLUEBEAM LABELING/OCR:

0"
1"



ALTERNATE 05 - DEDUCTIVE ALTERNATE, AREA C

BASE BID: AREA C TO BE BUILT OUT AS SHOWN IN DRAWINGS

ALTERNATE: AREA TO BE LEFT AS A SHELL SPACE. REFERENCE "ALTERNATE NOTES" ON THIS SHEET.

ALTERNATE NOTES:

ALL MECHANICAL EQUIPMENT, DUCT WORK, AIR DEVICES, ETC. SERVED BY RTU-4 IS EXISTING TO REMAIN.

KEYNOTES:

1. EXISTING DX PACKAGED ROOFTOP UNIT TO REMAIN.
2. EXISTING DX MINI SPLIT CONDENSING UNIT TO REMAIN.
3. EXISTING ROOFTOP EXHAUST FAN TO REMAIN.
4. NEW EXHAUST FAN AS SCHEDULED. INSTALL PER MANUFACTURER'S REQUIREMENTS.
5. NEW PACKAGED DOAS UNIT AS SCHEDULED. INSTALL PER MANUFACTURER'S REQUIREMENTS.
6. NEW DX MINI SPLIT CONDENSING UNIT AS SCHEDULED. INSTALL PER MANUFACTURER'S REQUIREMENTS.
7. EXISTING DX PACKAGED ROOFTOP UNIT RTU-5 TO BE DEMOLISHED AND INSTALL NEW RTU-5 AS SCHEDULED. INSTALL PER MANUFACTURER'S REQUIREMENTS AND PROVIDE WITH ROOF CURB ADAPTER. CONTRACTOR SHALL CONNECT CONDENSATE LINE FROM NEW UNIT TO EXISTING CONDENSATE SERVING EXISTING UNIT.
8. RE-BALANCE RTU-1 SUPPLY AIR CFM TO 18,160 AND OUTSIDE AIR CFM TO 4,985.
9. FURNISH AND INSTALL NEW LAB EXHAUST FAN WITH VARIABLE SPEED DRIVE FOR SOFT START, AND STRUCTURAL MOUNTING SUPPORT AS REQUIRED. RE: SPECIFICATIONS. INSTALL PER MANUFACTURER'S REQUIREMENTS.
10. PACKAGE DOAS UNIT MANUFACTURER'S CONDENSATE DRAIN LINE SIZE. INSULATE ALL EXPOSED CONDENSATE PIPING AND PROVIDE ALUMINUM JACKETING. SUPPORT PIPING AS REQUIRED.
11. ROUTE CONDENSATE PIPING THROUGH THE ROOF AND TO THE FLOOR BELOW. FIELD VERIFY EXACT LOCATIONS AND COORDINATE TO AVOID CONFLICTS WITH STRUCTURE AND OTHER TRADES.
12. MECHANICAL EQUIPMENT SERVICE CLEARANCE AREA TYPICAL.

1 **ROOF PLAN - MECHANICAL**
SCALE: 1/16" = 1'-0"

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KEY PLAN
NORTH: PLAN TRUE

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JAMES R. PERRON
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09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

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DRAWN BY: Author

ROOF PLAN - MECHANICAL

M-102

0"

1"

MECHANICAL SCHEDULES
M-201
FOR BLUEBEAM LABELING/OCR:

100% OUTSIDE AIR, PACKAGED, OUTDOOR, CENTRAL-STATION AIR-HANDLING UNITS - AREA A

DESIGNATION	SERVICE	TYPE	MANUFACTURER	MODEL	MAX. ALLOWABLE DIMENSIONS (L" x W" x H")	MAX. ALLOWABLE WEIGHT (LBS)	REFRIGERANT	SEE NOTE	ISMRE PER AHRI STANDARD 920	SUPPLY BLOWER DATA						COOLING COIL DATA						HOT GAS RE-HEAT COIL DATA		GAS HEATING COIL DATA						ELECTRICAL DATA		
									ISMRE2 | ISMRE2-70	TOTAL CFM	OUTSIDE AIR CFM	EST. EXT. SP. (IN. WG.)	MOTOR QUANTITY / MAX. MOTOR HP (EACH)	BRAKE H.P.	TYPE	CFM OVER COIL	MAX. FACE VELOCITY (FPM)	GRAND SENSIBLE BTUH	GRAND TOTAL BTUH	EAT (°F DB)	EAT (°F WB)	LAT (°F DB)	TOTAL BTUH	LAT (°F DB)	FUEL	INPUT BTUH (MAX.)	OUTPUT BTUH (MIN.)	MIN. STAGES OF HEAT	EAT (°F DB)	LAT (°F DB)	MCA	MOCP	VOLTAGE (V/Hz/Phase)
OA-RTU-01	CHEM. LABS	VAV	TRANE	HORIZON OAND540E4 REV5	197" x 101" x 93"	5,507	R-454B	1-23	**5.2 | 2.6**	6,020	6,020	1.5"	1 / 5	3.16	DIRECT DRIVE - PF	6,020	500	325,080	501,146	105.0°	78.0°	55°F	110,527	72°F	GAS	385,280	312,077	10:1	22.0°F	70.0°	83.3	90	460 / 60 / 3
OA-RTU-02	BIO. LABS	VAV	TRANE	HORIZON OADG030A3 REV6	147" x 100" x 68"	3,344	R-454B	1-23	**5.6 | 2.8**	4,200	4,200	1.5"	1 / 3	2.46	DIRECT DRIVE - PF	4,200	500	226,800	349,637	105.0°	78.0°	55°F	77,112	72°F	GAS	268,800	217,728	10:1	22.0°F	70.0°	70.2	90	460 / 60 / 3

NOTES:

1. REFERENCE ELECTRICAL DRAWINGS FOR ELECTRICAL DATA.
2. ESTIMATED EXTERNAL STATIC PRESSURE INCLUDES LOSSES THROUGH DUCTWORK, AIR DEVICES, SOUND ATTENUATORS, ETC.
3. ROOF TOP UNIT INTERNAL STATIC PRESSURE SHALL INCLUDE LOSSES THROUGH COILS, CASING, INTERNAL DAMPERS, AND 0.75" W.G. FOR DIRTY FILTERS.
4. EQUIPMENT SHALL COMPLY WITH LATEST EDITION OF 2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC) AND SHALL MEET OR EXCEED THE SCHEDULED EFFICIENCY VALUES.
5. PROVIDE LOW LEAK, MOTORIZED, ALUMINUM, FULLY MODULATING DAMPER ASSEMBLY.
6. FAN CONSTRUCTION SHALL BE MINIMUM AMCA CLASS 2, PREMIUM EFFICIENT MOTOR.
7. PROVIDE OA HOOD WITH METAL MESH OA FILTERS AND PERMENANT METAL FILTER FRAMES WITH MAXIMUM 2" THICK MERV 13 FILTER MEDIA UPSTREAM OF COOLING COIL.
8. PROVIDE FACTORY MOUNTED AND WIRED VARIABLE FREQUENCY DRIVES FOR SUPPLY FANS AND CONDENSER FANS. FIELD MOUNTED DRIVES WILL NOT BE ACCEPTABLE.
9. PROVIDE UNIT WITH COMPRESSOR BLANKET TO ACHIEVE 4dBA NOISE LEVEL REDUCTION.
10. AMBIENT AIR TEMPERATURE TO BE 105°F.
11. COOLING COILS SHALL HAVE A MINIMUM OF 6 ROWS AND A MAXIMUM OF 10 FINS PER INCH.
12. PROVIDE UNIT WITH MODULATING HOT-GAS RE-HEAT.
13. PROVIDE ROOFTOP UNIT WITH A FACTORY-MOUNTED, FACTORY-WIRED DISCONNECT SWITCH AND SINGLE-POINT POWER CONNECTION. UNIT SHALL INCLUDE A 115V CONVENIENCE OUTLET FOR SERVICE, POWERED FROM THE UNIT.
14. PROVIDE LOW AMBIENT CONTROL DOWN TO 22°F.
15. PROVIDE FACTORY MOUNTED SHAFT GROUNDING KIT FOR ALL MOTORS, NO EXCEPTIONS.
16. PROVIDE 14" TALL INSULATED ROOF CURB.
17. PROVIDE WITH MERV 13 FILTERS AND HAIL GUARDS.
18. UNIT MANUFACTURER TO PROVIDE TERMINAL STRIP FOR DIRECT POINT-TO-POINT CONTROL BY DDC SYSTEM. NO MANUFACTURER CONTROLLER WITH BACnet INTERFACE IS ALLOWED. BAS CONTRACTOR TO PROVIDE, FIELD-MOUNT, AND FIELD-WIRE DDC CONTROLLER AND APPLICABLE SENSORS TO ACCOMPLISH THE SEQUENCE OF OPERATIONS.
19. PROVIDE DIGITAL SCROLL COMPRESSOR FOR 0-100% CAPACITY MODULATION.
20. PROVIDE UNIT WITH AIR ECONOMIZER AND BAROMETRIC PRESSURE RELIEF.
21. PROVIDE LOW GLOBAL WARMING POTENTIAL (GWP) REFRIGERANT.
22. PROVIDE A DIGITAL SCROLL COMPRESSOR ON EACH CIRCUIT AS REQUIRED TO MEET THE NECESSARY REHEAT DEMAND.
23. WEIGHT DOES NOT INCLUDE CURB WEIGHT.

LAB EXHAUST FAN SCHEDULE - AREA A

TAG	LOCATION	AREA SERVED	MANUFACTURER	MODEL	DRIVE	AIRFLOW (CFM)	MIN AIRFLOW (CFM)	EXTERNAL SP (IN WG)	TOTAL EXTERNAL SP (IN WG)	FAN (RPM)	OPERATING POWER (HP)	REQUIRED POWER (HP)	MOTOR SIZE (HP)	V/C/P	WEIGHT	MIN CIRCUIT AMPACITY (MCA)	MAX OVERCURRENT PROTECTION (MOP)	NOTES
LEF-01	ROOF - AREA A	CHEMESTRY LAB S130	GREENHECK	VEKTOR-H-12	DIRECT	1400	350	2.00	2.064	3115	1.06	1.5	2	460/60/3	460	3.15	15.0	1-8
LEF-02	ROOF - AREA A	CHEMISTRY LAB S130	GREENHECK	VEKTOR-H-12	DIRECT	1400	350	2.00	2.064	3115	1.06	1.5	2	460/60/3	460	3.15	15.0	1-8
LEF-03	ROOF - AREA A	CHEMISTRY LAB S130	GREENHECK	VEKTOR-H-12	DIRECT	1400	350	2.00	2.064	3115	1.06	1.5	2	460/60/3	460	3.15	15.0	1-8
LEF-04	ROOF - AREA A	CHEMISTRY LAB S130	GREENHECK	VEKTOR-H-12	DIRECT	1400	350	2.00	2.064	3115	1.06	1.5	2	460/60/3	460	3.15	15.0	1-8
LEF-05	ROOF - AREA A	CHEMISTRY PREP S130A	GREENHECK	VEKTOR-H-10	DIRECT	850	200	2.00	2.03	3168	0.58	0.79	1	460/60/3	445	1.75	15.0	1-8
LEF-06	ROOF - AREA A	BIOLOGY 1 S126	GREENHECK	VEKTOR-H-12	DIRECT	1400	505	2.00	2.064	3115	1.06	1.5	2	460/60/3	460	3.15	15.0	1-8
LEF-07	ROOF - AREA A	BIOLOGY 1 S126	GREENHECK	VEKTOR-H-12	DIRECT	1400	505	2.00	2.064	3115	1.06	1.5	2	460/60/3	460	3.15	15.0	1-8
LEF-08	ROOF - AREA A	BIOLOGY 2 S123	GREENHECK	VEKTOR-H-12	DIRECT	1400	505	2.00	2.064	3115	1.06	1.5	2	460/60/3	460	3.15	15.0	1-8
LEF-09	ROOF - AREA A	BIOLOGY 2 S123	GREENHECK	VEKTOR-H-12	DIRECT	1400	505	2.00	2.064	3115	1.06	1.5	2	460/60/3	460	3.15	15.0	1-8

NOTES:

1. REFERENCE ELECTRICAL DRAWINGS FOR ELECTRICAL DATA.
2. REFERENCE SPECIFICATIONS FOR SEQUENCE OF OPERATIONS.
3. FAN SHALL INTERFACE WITH BUILDING AUTOMATION SYSTEM.
4. PROVIDE ROOF CURB, 14 INCH, INSULATED.
5. PROVIDE DISCONNECT SWITCH, FACTORY MOUNTED.
6. PROVIDE WITH BACK-DRAFT DAMPER.
7. FAN SHALL HAVE A MINIMUM PLUME RISE PER CODE.
8. PROVIDE FAN WITH BYPASS PLENUM, MOTORIZED ISOLATION DAMPERS, SURE AIRE NON INVASIVE AIRFLOW MEASURING FOR EACH FAN.
9. PROVIDE FIELD INSTALLED 316 STAINLESS STEEL STACK UP TO 8'-0" ABOVE THE ROOF. PROVIDE GUY WIRES. REFER TO DETAIL.
10. PROVIDE VARIABLE SPEED DRIVE FOR SOFT START.

EXHAUST FAN SCHEDULE

TAG	LOCATION	AREA SERVED	MFG	MODEL	DRIVE TYPE	VOLUME (CFM)	EXTERNAL SP (IN WG)	TOTAL EXTERNAL SP	FAN SPEED (RPM)	OPERATING POWER (HP)	MOTOR SIZE (HP)	V/C/P	SONES (INLET)	WEIGHT (LBS)	MIN CIRCUIT AMPACITY (MCA)	MAX OVERCURRENT PROTECTION (MOP)	NOTES
EF-1A	AREA A ROOF	AREA A - BIOLOGY 2 S123	GREENHECK	CUE-200-VG	DIRECT	1,300 / 3,100	0.500	0.697	849	0.69	1	208/60/1	11.7	185	9	20	1-7,9-10
EF-2A	AREA A ROOF	AREA A - BIOLOGY PREP S123A	GREENHECK	CUE-090-VG	DIRECT	385	0.500	0.636	1,500	0.09	1/10	208/60/1	8.1	57	1	15	1-7,8-9
EF-3A	AREA A ROOF	AREA A - BIOLOGY 1 S126	GREENHECK	CUE-200-VG	DIRECT	1180 / 2840	0.500	0.680	819	0.61	1	208/60/1	10.7	185	9	20	1-7,9-10
EF-4A	AREA A - ROOF	AREA A - CHEMISTRY LAB S130	GREENHECK	CUE-200-VG	DIRECT	1,180 / 2,800	0.500	0.677	815	0.60	1	208/60/1	10.6	185	9	20	1-7,9-10
EF-5A	AREA A - ROOF	AREA A - CHEMISTRY PREP - S130A	GREENHECK	CUE-099-VG	DIRECT	370 / 880	0.500	0.665	1,500	0.21	1/4	208/60/1	10.5	70	2	15	1-7,9-10
EF-6A	AREA A - ROOF	AREA A - NURSING STORAGE	GREENHECK	G-097-VG	DIRECT	150	0.500	0.511	1,256	0.05	1/4	208/60/1	5.8	70	2	15	1-9
EF-1C	ROOF - AREA C	ELEC ENG TECH A685	GREENHECK	G-100-VG	DIRECT	850	0.75	0.75	1522	0.2	1/4	277/60/1	8	64	2.0	15.0	1-6
EF-2C	ROOF - AREA C	ELEC ENG TECH A683	GREENHECK	G-100-VG	DIRECT	850	0.75	0.75	1522	0.2	1/4	277/60/1	8	64	2.0	15.0	1-6
EF-3C	ROOF - AREA C	COMM ELEC LAB A678	GREENHECK	G-100-VG	DIRECT	930	0.75	0.75	1574	0.22	1/4	277/60/1	8	64	2.0	15.0	1-6
EF-4C	ROOF - AREA C	RES ELEC LAB A680	GREENHECK	G-120-VG	DIRECT	1200	0.75	0.75	1398	0.26	1/4	277/60/1	12	71	4.0	15.0	1-6

NOTES

1. REFERENCE ELECTRICAL DRAWINGS FOR ELECTRICAL DATA.
2. REFERENCE SPECIFICATIONS FOR SEQUENCE OF OPERATIONS.
3. FAN SHALL BE PROVIDED WITH GREENHECK VARI-GREEN CONTROL AND EC MOTOR. STARTER SHALL BE PROVIDED BY FAN MANUFACTURER. JUNCTION BOX AND VARI-GREEN TRANSFORMER SHALL BE FACTORY MOUNTED AND WIRED.
4. PROVIDE BACKDRAFT DAMPER, GRAVITY OPERATED.
5. PROVIDE BIRDSCREEN.
6. PROVIDE DISCONNECT SWITCH, FACTORY MOUNTED.
7. PROVIDE WITH ROOF CURB, 14 IN., INSULATED.
8. INTERLOCK FAN WITH LOCAL LIGHT SWITCH OR OCCUPANCY SENSOR.
9. PROVIDE VIBRATION ISOLATORS AS PER SPECIFICATIONS.
10. EXHAUST FAN SHALL BE TWO-SPEED, WITH LOW-SPEED OPERATION PROVIDING BASELINE GENERAL EXHAUST, AND HIGH-SPEED OPERATION ENGAGED FOR EMERGENCY PURGE TO DELIVER INCREASED AIRFLOW AS REQUIRED.

AIR VALVE SCHEDULE - AREA A

TAG	QTY	TYPE	AREA SERVED	UNIT SIZE	SIZE (DIAMETER)	HOOD LENGTH (FT.)	EXHAUST AIRFLOW (CFM)		SUPPLY AIRFLOW (CFM)		TOTAL EXTERNAL SP (INCHES)	HEATING AIRFLOW (CFM)	HEATING (KW)	V/C/P	VA REQUIRED	VALVE SIZE	REFERENCE SELECTION ANTEC MODEL (U.N.O.)	NOTES
							MAX @ 28" SASH OPENING	MIN @ 4" SASH OPENING	MAXIMUM	MINIMUM								
SAV-01	1	SUPPLY	CHEM LAB	112	12	6	-	-	1330	275	0.6 to 3.0	-	-	277/1/60	23	SINGLE	VV	ALL
SAV-02	1	SUPPLY	CHEM LAB	112	12	6	-	-	1330	275	0.6 to 3.0	-	-	277/1/60	23	SINGLE	VV	ALL
SAV-03	1	SUPPLY	CHEM LAB	112	12	6	-	-	1330	275	0.6 to 3.0	-	-	277/1/60	23	SINGLE	VV	ALL
SAV-04	1	SUPPLY	CHEM LAB	112	12	6	-	-	1330	275	0.6 to 3.0	-	-	277/1/60	23	SINGLE	VV	ALL
SAV-05	1	SUPPLY	CHEM PREP	110	10	4	-	-	700	150	0.6 to 3.0	-	-	277/1/60	21	SINGLE	VV	ALL
SAV-06	1	SUPPLY	BIOLOGY	112	12	6	-	-	1050	175	0.6 to 3.0	-	-	277/1/60	23	SINGLE	VV	ALL
SAV-07	1	SUPPLY	BIOLOGY	112	12	6	-	-	1050	175	0.6 to 3.0	-	-	277/1/60	23	SINGLE	VV	ALL
SAV-08	1	SUPPLY	BIOLOGY	112	12	6	-	-	1050	175	0.6 to 3.0	-	-	277/1/60	23	SINGLE	VV	ALL
SAV-09	1	SUPPLY	BIOLOGY	112	12	6	-	-	1050	175	0.6 to 3.0	-	-	277/1/60	23	SINGLE	VV	ALL

NOTES:

1. THE VENTURI VALVE SHALL BE ABLE TO CONTROL FLOW WITHOUT THE NEED FOR AIRFLOW MEASURING DEVICES IN THE AIRSTREAM.
2. THE CONTROLLER SHALL UTILIZE BACNET MSTP FOR COMMUNICATION AND SHALL BE BTL LISTED.
3. ROOM SETPOINTS CAN BE ADJUSTED AT THE ROOM LEVEL OR OVER THE BUILDING AUTOMATION SYSTEM.
4. VENTURI VALVE SHALL BE MECHANICALLY PRESSURE INDEPENDENT AIRFLOW CONTROL VALVES DESIGNED SPECIFICALLY FOR ROOM PRESSURE AND FUME HOOD CONTROL APPLICATIONS.
5. VENTURI VALVE HOUSING SHALL BE OF 14 GAUGE ALUMINUM CONSTRUCTION.
6. PROVIDE VENTURI VALVE WITH A 24 VOLT STEP-DOWN TRANSFORMER.
7. VA DRAW FOR ALL VALVES IN ABOVE SCHEDULE INCLUDES POWER REQUIREMENT FOR CONTROLS AND ACTUATOR.
8. VARIABLE AIR VOLUME & MODULATING ACTUATOR. (VAV & VDC) WITH PACE CONTROLLER AND STANDARD SPEED ACTUATOR.
9. REFER TO SPECIFICATIONS.

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JAMES R. PERRON
146042
LICENSED
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09/24/2025
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F-18672

CLIENT	
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DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

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MECHANICAL SCHEDULES

M-201

Plot Stamp:
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0"

1"

MECHANICAL SCHEDULES
M-202
FOR BLUEBEAM LABELINGDOOR:

DUCTLESS MINI-SPLIT SYSTEM AIR-CONDITIONERS SCHEDULE

EVAPORATOR SECTION		
INDOOR EVAPORATOR DESIGNATION	**MSIU-1B**	**MSIU-2B (REDUNDANT)**
SERVICE	INSTRUCT. IDF - A693	INSTRUCT. IDF - A693
MANUFACTURER	LG	LG
MODEL NUMBER	LSN180HSV5	KNSCB241A
TYPE	WALL MOUNTED	CEILING CASSATTE
WEIGHT (LBS.)	32	28
NOTES	1-8	1-8
FAN DATA		
SUPPLY CFM (HIGH / MEDIUM / LOW) SPEED	530 / 340 / 249	671 / 600 / 530
EXTERNAL STATIC PRESSURE, "WG	-	-
COOLING / HEATING COIL	DX	DX
NOMINAL TONNAGE	**2.0 TONS**	**2.0 TONS**
ENTERING AIR EVAP (DB/WB) °F - COOLING MODE	80°F / 67°F	80°F / 67°F
ENTERING AIR EVAP (DB/WB) °F - HEATING MODE	70°F / 60°F	70°F / 60°F
TOTAL BTUH COOLING	24,000	24,000
TOTAL BTUH HEATING	-	-
AIR-COOLED CONDENSER		
DESIGNATION	**CU-1B**	**CU-2B (REDUNDANT)**
SERVES	MSIU-1B	MSIU-2B (REDUNDANT)
LOCATION	ROOF	ROOF
MANUFACTURER	LG	LG
MODEL NUMBER	LSU180HSV	KUSXB241A
EFFICIENCY (SEER) / (EER)	21.5 / 16.3	21.5 / 13.0
VOLTS/PH/HZ	**208 / 1 / 60**	**208 / 1 / 60**
MCA	13.0	16.0
MOCP	20	25
REFRIGERANT	R-32	R-32
AMBIENT TEMPERATURE °F	95°F	95°F
WEIGHT (LBS.)	126	155

NOTES

1. REFERENCE ELECTRICAL DRAWINGS FOR ELECTRICAL DATA.
2. ESTIMATED EXTERNAL STATIC PRESSURE INCLUDES LOSSES THROUGH PLENUM, AIR DEVICES, ETC.
3. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
4. PROVIDE REMOTE WALL MOUNTED PROGRAMMABLE THERMOSTAT WITH BACnet INTERFACE.
5. PROVIDE INVERTER DRIVEN COMPRESSOR.
6. INDOOR UNIT IS POWERED BY THE OUTDOOR UNIT. ELECTRICAL CONTRACTOR TO INTERCONNECT POWER FROM OUTDOOR TO INDOOR UNITS.REFER TO ELECTRICAL DRAWINGS.
7. PROVIDE MATCHING CONDENSING UNIT FROM SAME MANUFACTURER.
8. MANUFACTURER SHALL PROVIDE A CONDENSATE PUMP. PUMP SHALL BE POWERED BY THE UNIT AND SHALL START / STOP WHEN THE UNIT IS ENERGIZED / DE-ENERGIZED.
9. PROVIDE CONDENSING UNIT WITH MANUFACTURER PROVIDED HAIL GUARD.

SINGLE DUCT AIR TERMINAL UNITS WITH ELECTRIC HEAT SCHEDULE

TAG	MODEL	SIZE			PRIMARY CFM		STATIC PRESSURE			NC LEVELS		ATTEN.	CONTROLS						ELECTRICAL		NOTES
		UNIT	INLET	OUTLET	MAX	MIN	INLET	DOWN	MIN	RAD	DIS			KW	EAT	LAT	Volts/Ph.	STEPS	MCA	MOP	MOP
(E)VAV-1-1	EXISTING TO REMAIN																				1-13
VAV-4-2	SDV	8	8	12"X10"	520	156	1	0.3	0.03	20	21	No	DDC	5.1	65.5	90.0	480/3	S	9.5	15.0	1-12
VAV-4-3	SDV	9	8	12"X10"	770	231	1	0.3	0.04	22	25	No	DDC	9.5	65.5	90.0	480/3	S	13.5	20.0	1-12
VAV-4-4	SDV	9	8	12"X10"	875	263	1	0.3	0.03	22	25	No	DDC	9.5	65.5	90.0	480/3	S	13.5	20.0	1-12
VAV-4-5	SDV	8	8	12"X10"	660	198	1	0.3	0.04	20	24	No	DDC	6.6	65.5	90.0	480/3	S	10.5	15.0	1-12

NOTES:

1. SELECTIONS ARE BASED ON PRICE INDUSTRIES AS MANUFACTURER.
2. ALL PERFORMANCE BASED ON TESTS CONDUCTED IN ACCORDANCE WITH ASHRAE 130-2008 AND AHRI 880-2011.
3. ALL NC LEVELS DETERMINED USING AHRI 885-2008 APPENDIX E.
4. ALL AIRFLOW, PRESSURE LOSSES AND HEATING PERFORMANCE VALUES HAVE BEEN CORRECTED FOR ALTITUDE.
5. UNITS OF MEASURE: DIMENSIONS (IN), AIRFLOW (CFM), WATER FLOW (GPM), AIR PRESSURE (IN WG), WATER HEAD LOSSES (FT) AND TEMPERATURES (DEG F).
6. IN THE "STEPS" COLUMN, CODE "S" DENOTES A MODULATING SCR HEATER.
7. THE MINIMUM SUPPLY CIRCUIT AMPACITY (MCA) AND MAXIMUM OVERCURRENT PROTECTION (MOP) RATINGS WERE CALCULATED IN ACCORDANCE WITH UL STANDARDS BASED ON MOTOR AND ELECTRIC COIL FULL LOAD CURRENT RATINGS.
8. MAXIMUM NC LEVEL SHALL NOT EXCEED 35 AT 1 IN. STATIC PRESSURE.
9. PROVIDE FACTORY PRESSURE INDEPENTENT MOUNTED DDC CONTROLS.
10. PROVIDE WITH SINGLE POINT POWER CONNECTION AND FACTORY MOUNTED FUSED DISCONNECT SWITCH IN CONTROL PANEL.
11. COORDINATE WITH DRAWINGS FOR RIGHT OR LEFT-HAND CASING CONFIGURATION PRIOR TO ORDERING.
12. PROVIDE WITH SPACE TEMPERATURE SENSOR FOR UNIT WITH SETPOINT ADJUSTMENT AND BYPASS MODE, COMPATABLE WITH EXISTING BMS.
13. EXISTING VAV TERMINAL UNIT TO REMAIN. VERIFY CONDITION OF EXISTING EQUIPMENT AND REPLACE WITH NEW AS REQUIRED.

AIR DEVICE SCHEDULE

TAG	SELECTION REFERENCED IS PRICE IND.	MATERIAL	SUPPLY	RETURN	EXHAUST	MODULE SIZE (IN.)	THROW FT. (@100 FPM)	CFM RANGE	INLET SIZE (IN.)	# SLOTS	P.D. ("WG)	MAX N.C.	NOTES
A	SPD	ALUMINUM	X			24" X 24"	5	50-120	6" DIA	-	0.03	25	1,2,4,5
B	SPD	ALUMINUM	X			24" X 24"	5	121-240	8" DIA	-	0.03	25	1,2,4,5
C	SPD	ALUMINUM	X			24" X 24"	7	241-340	10" DIA	-	0.03	25	1,2,4,5
D	PDF	ALUMINUM	X			24" X 24"	5	121-240	8" DIA	-	0.03	25	1,2,4,5
E	85	ALUMINUM		X	X	24" X 24"	-	10-3000	22" X 22"	-	-	-	2,3,4,5
F	85	ALUMINUM		X	X	12" X 12"	-	10-500	10" X 10"	-	-	-	2,3,4,5
G	80	ALUMINUM		X	X	12" X 10"	-	10-375	10" X 8"	-	-	-	2,3,4,5
H	540	ALUMINUM	X			18" X 6"	10	176-275	16" X 4"	-	0.14	-	1,2,4,5,6
I	PDF	ALUMINUM	X			24" X 24"	7	235-360	12" DIA	-	0.058	25	1,2,4,5
J	PDF	ALUMINUM	X			24" X 24"	13	360-700	15" DIA	-	0.078	30	1,2,4,5
K	21	ALUMINUM	X			8" X 6"	9	80-210	8" X 6"	-	0.04	30	1,2,4,5,6

NOTES:

1. PD ("WG) IS AT MAX CFM.
2. PROVIDE AIR DEVICE WITH LAY IN BORDER FRAME FOR LAY IN CEILINGS OR SURFACE MOUNTING FRAME FOR MOUNTING IN GYP. BOARD CEILING, WALL OR ON DUCT.
3. PROVIDE AIR DEVICE WITH 1/2"X1/2"X1/2" ALUMINUM 45 DEGREE ANGLED GRID CORE.
4. PROVIDE CABLE OPERATED VOLUME DAMPER FOR NON ACCESSIBLE GYP. CEILINGS OR WALL INSTALLATIONS. VOLUME DAMPERS SHALL BE ADJUSTIBLE WITH STANDARD TOOLS. PROVIDE POSITIVE BALANCING TO MAINTAIN DESIGN AIR FLOW AND NOISE CRITERIA.
5. TRANSITION DUCT AS REQUIRED TO THE INLET OF THE AIR DEVICE, DUCT SIZES ARE SHOWN ON THE DRAWINGS.
6. DIRECT AIR DEVICE AIRFLOW @ A 45 DEG. ANGLE DOWNWARD.:

PACKAGED DX ROOF TOP UNIT SCHEDULE

DESIGNATION	SERVICE	TYPE	ARRANGEMENT	MANUFACTURER	MODEL	DIMENSIONS (LxWxH)	SEER	WEIGHT (lbs)	SEE NOTE	INDOOR BLOWER DATA							COOLING COIL DATA								ELECTRICAL DATA				
										TOTAL CFM	OUTSIDE AIR CFM	EST. EXT. SP. (IN. WG.)	MOTOR H.P.	MOTOR B.H.P.	DRIVE	TYPE	CFM OVER COIL	MAX. FACE VELOCITY (FPM)	GRAND SENSIBLE BTUH	GRAND TOTAL BTUH	EAT (°F DB)	EAT (°F WB)	LAT (°F DB)	STAGES	MBH	EAT (°F DB)	LAT (°F DB)	MCA	MOCP	VOLTAGE
RTU-5	WORK ROOM	VAV	DRAW-THRU	TRANE	YSK036A4S0L	5.82" x 3.69" x 3.91"	14.0	781	1-15	1,200	120	0.75"	0.75	0.47	DIRECT	FC	1,200	500	28.22	37.96	80.0	67.0	55.0	2	80	70.0	85.0	11.0	15	460 / 3 / 60

1. REFERENCE ELECTRICAL DRAWINGS FOR ELECTRICAL DATA.
2. ESTIMATED EXTERNAL STATIC PRESSURE INCLUDES LOSSES THROUGH DUCTWORK, AIR DEVICES, SOUND ATTENUATORS, ETC.
3. FAN COIL UNIT INTERNAL STATIC PRESSURE SHALL INCLUDE LOSSES THROUGH COILS, CASING, INTERNAL DAMPERS, AND 0.50" W.G. FOR DIRTY FILTER.
4. COOLING COILS SHALL HAVE A MINIMUM OF 4 ROWS AND A MAXIMUM OF 15 FINS PER INCH.
5. PROVIDE UNITS WITH MOTORIZED OUTDOOR AIR DAMPER.
6. PROVIDE UNIT WITH AIR ECONOMIZER AND BAROMETRIC PRESSURE RELIEF.
7. PROVIDE MERV 13 FILTERS.
8. PROVIDE UNIT WITH CONDENSATE OVERFLOW SWITCH.
9. PROVIDE UNIT WITH SINGLE POINT POWER CONNECTION.
10. PROVIDE INVERTER SCROLL COMPRESSOR FOR 0-100% CAPACITY MODULATION.
11. PROVIDE UNIT WITH MODULATING HOT-GAS RE-HEAT.
12. PROVIDE UNIT WITH MANUFACTURER PROVIDED ROOF CURB ADAPTER.
13. PROVIDE UNIT WITH FACTORY MOUNTED SMOKE DETECTOR.
14. PROVIDE UNIT WITH R-454B REFERIGERANT.

PARALLEL FAN-POWERED AIR TERMINAL UNITS WITH ELECTRIC HEAT SCHEDULE

TAG	MODEL	SIZE			PRIMARY CFM		STATIC PRESSURE			NC LEVELS		ATTEN.	CONTROLS	FAN						ELECTRICAL		NOTES
		UNIT	INLET	OUTLET	MAX	MIN	INLET	DOWN	MIN	RAD	DIS			CFM	HP	Volt/Ph.	KW	EAT	LAT	Volts/Ph.	STEPS	MCA	MOP	
FTU-1-1	FDV5	6014	14	24" x 18"	2000	600	1	0.5	0.01	-	-	No	DDC	2000	1	277/1-ECM	16.0	65.5	85	480/3	S	30.80	35	1-14
FTU-1-2	FDV5	4012	12	16" x 15"	1400	420	1	0.5	0.01	-	20	No	DDC	1400	1/2	277/1-ECM	11.2	65.5	85	480/3	S	21.20	25	1-14
FTU-1-3	FDV5	2008	8	14" x 12-1/2"	600	180	1	0.5	0.04	-	21	No	DDC	600	1/3	277/1-ECM	4.8	65.5	85	480/3	S	9.80	15	1-14
FTU-1-4	FDV5	2008	8	14" x 12-1/2"	500	150	1	0.5	0.03	-	-	No	DDC	500	1/3	277/1-ECM	4.0	65.5	85	480/3	S	8.60	15	1-14
(E)FTU-1-5	EXISTING TO REMAIN																							1-14, 15
(E)FTU-1-6																								1-14, 15
FTU-1-7	FDV5	5012	12	20" x 17-1/2"	1800	540	1	0.5	0.01	-	-	No	DDC	1800	1	277/1-ECM	14.4	65.5	85	480/3	S	29	30	1-14
(E)FTU-1-8	EXISTING TO REMAIN																							1-14, 16
FTU-1-9	FDV5	3010	10	14" x 12.5"	1100	330	1	0.5	0.03	20	21	No	DDC	1100	1/2	277/1-ECM	8.8	65.5	85	480/3	S	18.20	20	1-14
FTU-1-10	FDV5	5012	12	20" x 17-1/2"	1600	480	1	0.5	0.01	-	-	No	DDC	1600	1	277/1-ECM	12.8	65.5	85	480/3	S	26.60	30	1-14
FTU-1-11	FDV5	5012	12	20" x 17-1/2"	1740	520	1	0.5	0.01	-	-	No	DDC	1740	1	277/1-ECM	13.9	65.5	85	480/3	S	28.30	30	1-14
(E)FTU-1-12	EXISTING TO REMAIN																							1-14, 15
(E)FTU-1-13																								1-14, 15
FTU-1-14	FDV5	2008	8	14" x 12-1/2"	460	140	1	0.5	0.02	-	-	No	DDC	460	1/3	277/1-ECM	3.7	65.5	85	480/3	S	8.20	15	1-14
FTU-1-15	FDV5	2008	8	14" x 12-1/2"	700	210	1	0.5	0.05	-	24	No	DDC	700	1/3	277/1-ECM	5.6	65.5	85	480/3	S	11.10	15	1-14
FTU-1-16	FDV5	2008	8	14" x 12-1/2"	700	210	1	0.5	0.05	-	24	No	DDC	700	1/3	277/1-ECM	5.6	65.5	85	480/3	S	11.10	15	1-14
FTU-1-17	FDV5	6014	14	24" x 18"	1920	575	1	0.5	0.01	-	-	No	DDC	1920	1	277/1-ECM	15.4	65.5	85	480/3	S	29.90	30	1-14
FTU-3-1	EXISTING TO REMAIN																							1-14, 15
FTU-3-2																								1-14, 15
FTU-3-3																								1-14, 15
FTU-3-4	FDV	3010	10	14"x12.5"	1050	315	1	0.3	0.02	26	22	No	DDC	1050	.5	277/1	10.6	65.5	90	480/3	S	20.9	25.0	1-14
FTU-3-5	FDV	3010	10	14"x12.5"	1050	315	1	0.3	0.02	26	22	No	DDC	1050	.5	277/1	10.6	65.5	90	480/3	S	20.9	25.0	1-14
FTU-3-6	FDV	3010	10	14"x12.5"	1200	360	1	0.3	0.03	29	24	No	DDC	1200	.5	277/1	12.1	65.5	90	480/3	S	23.2	25.0	1-14
FTU-3-7	FDV	3010	10	14"x12.5"	1050	315	1	0.3	0.02	26	22	No	DDC	1050	.5	277/1	10.6	65.5	90	480/3	S	20.9	25.0	1-14
FTU-3-8	FDV	3010	10	14"x12.5"	1050	315	1	0.3	0.02	26	22	No	DDC	1050	.5	277/1	10.6	65.5	90	480/3	S	20.9	25.0	1-14
FTU-3-9	FDV	3010	10	14"x12.5"	1200	360	1	0.3	0.03	29	24	No	DDC	1200	.5	277/1	12.1	65.5	90	480/3	S	23.2	25.0	1-14
FTU-4-1	FDV	3010	10	14"x12.5"	1080	324	1	0.3	0.02	26	22	No	DDC	1050	.5	277/1	10.6	65.5	90	480/3	S	20.9	25.0	1-14
FTU-4-2	FDV	3010	10	14"x12.5"	1080	324	1	0.3	0.02	26	22	No	DDC	1050	.5	277/1	10.6	65.5	90	480/3	S	20.9	25.0	1-14
FTU-4-3	FDV	3010	10	14"x12.5"	1080	324	1	0.3	0.02	26	22	No	DDC	1050	.5	277/1	10.6	65.5	90	480/3	S	20.9	25.0	1-14
FTU-4-4	FDV	3010	10	14"x12.5"	1080	324	1	0.3	0.02	26	22	No	DDC	1050	.5	277/1	10.6	65.5	90	480/3	S	20.9	25.0	1-14
FTU-4-5	FDV	3010	10	14"x12.5"	1070	321	1	0.3	0.02	26	22	No	DDC	1050	.5	277/1	10.6	65.5	90	480/3	S	20.9	25.0	1-14
FTU-4-6	FDV	3010	10	14"x12.5"	1080	324	1	0.3	0.02	26	22	No	DDC	1050	.5	277/1	10.6	65.5	90	480/3	S	20.9	25.0	1-14
FTU-4-7	EXISTING TO REMAIN																							1-14, 15
FTU-4-8																								1-14, 15
FTU-4-9																								1-14, 15
FTU-4-10																								1-14, 15
FTU-4-11																								1-14, 15
FTU-4-12	FDV	3010	10	14"x12.5"	1080	324	1	0.3	0.02	26	22	No	DDC	1050	.5	277/1	10.6	65.5	90	480/3	S	20.9	25.0	1-14
FTU-4-13	FDV	3010	10	14"x12.5"	1200	360	1	0.3	0.03	28	24	No	DDC	1150	.5	277/1	11.6	65.5	90	480/3	S	22.4	25.0	1-14
FTU-4-14	FDV	4012	12	16"x15"	1500	450	1	0.3	0.01	24	24	No	DDC	1500	.5	277/1	15.1	65.5	90	480/3	S	27.1	30.0	1-14
FTU-4-15	FDV	4012	12	16"x15"	1500	450	1	0.3	0.01	24	24	No	DDC	1500	.5	277/1	15.1	65.5	90	480/3	S	27.1	30.0	1-14
FTU-4-16	FDV	3012	12	14"x12.5"	1410	423	1	0.3	0.01	24	21	No	DDC	1400	.5	277/1	14.1	65.5	90	480/3	S	26.2	30.0	1-14
FTU-4-17	FDV	3012	12	14"x12.5"	1410	423	1	0.3	0.01	24	21	No	DDC	1400	.5	277/1	14.1	65.5	90	480/3	S	26.2	30.0	1-14

NOTES:

1. SELECTIONS ARE BASED ON PRICE INDUSTRIES AS MANUFACTURER.
2. ALL PERFORMANCE BASED ON TESTS CONDUCTED IN ACCORDANCE WITH ASHRAE 130-2008 AND AHRI 880-2011.
3. ALL NC LEVELS DETERMINED USING AHRI 885-2008 APPENDIX E. DASHES (--) INDICATE NC VALUES LESS THAN 20.
4. ALL AIRFLOW, PRESSURE LOSSES AND HEATING PERFORMANCE VALUES HAVE BEEN CORRECTED FOR ALTITUDE.
5. UNITS OF MEASURE: DIMENSIONS (IN), AIRFLOW (CFM), WATER FLOW (GPM), AIR PRESSURE (IN WG), WATER HEAD LOSSES (FT) AND TEMPERATURES (DEG F).
6. IN THE "STEPS" COLUMN, CODE "S" DENOTES A MODULATING SCR HEATER.
7. THE MINIMUM SUPPLY CIRCUIT AMPACITY (MCA) AND MAXIMUM OVERCURRENT PROTECTION (MOP) RATINGS WERE CALCULATED IN ACCORDANCE WITH UL STANDARDS BASED ON MOTOR AND ELECTRIC COIL FULL LOAD CURRENT RATINGS.
8. MAXIMUM NC LEVEL SHALL NOT EXCEED 35 AT 1 IN. STATIC PRESSURE.
9. PROVIDE FACTORY MOUNTED INDUCED AIR INLET SOUND SOUND ATTENUATOR. REFER TO SERIES FLOW FAN POWERED VARIABLE VOLUME UNITS WITH ELECTRIC HEAT DETAIL.
10. PROVIDE FACTORY PRESSURE INDEPENTENT MOUNTED DDC CONTROLS AND ECM MOTOR.
11. PROVIDE WITH SINGLE POINT POWER CONNECTION AND FACTORY MOUNTED FUSED DISCONNECT SWITCH IN CONTROL PANEL.
12. AIR PRESSURE DROP THROUGH THE COIL SHALL NOT EXCEED 0.24" WG.
13. COORDINATE WITH DRAWINGS FOR RIGHT OR LEFT-HAND CASING CONFIGURATION PRIOR TO ORDERING.
14. PROVIDE WITH SPACE TEMPERATURE SENSOR FOR UNIT WITH SETPOINT ADJUSTMENT AND BYPASS MODE, COMPATABLE WITH EXISTING BMS.
15. EXISTING FAN-POWERED TERMINAL UNIT TO REMAIN. VERIFY CONDITION OF EXISTING EQUIPMENT AND REPLACE WITH NEW AS REQUIRED.
16. EXISTING FAN-POWERED TERMINAL UNIT TO REMAIN AND BE REBALANCE. REFER TO MECHANICAL DRAWINGS FOR REBALANCE CFM AMOUNT. VERIFY CONDITION OF EXISTING EQUIPMENT AND REPLACE WITH NEW AS REQUIRED.

PBK
www.pbk.com
TX FIRM: BR 1608
SAN ANTONIO, TX
210-829-0123

LEAF ENGINEERS
601 N.W. LOOP 410, SUITE 460
SAN ANTONIO, TX 78216
210-638-7200
TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2048 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

STATE OF TEXAS
JAMES R. PERRON
145642
LICENSED PROFESSIONAL ENGINEER

09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

MECHANICAL SCHEDULES

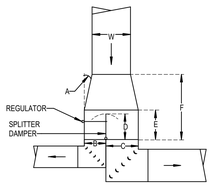
M-202

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9/23/2025 9:23:21 PM

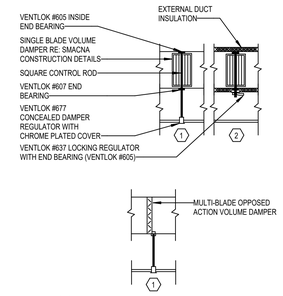
MECHANICAL DETAILS
M-301
FOR BLUEBEAM LABELING/DOOR:

0"
1"

SPLITTER

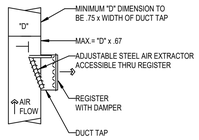


DIMENSIONS
1. ANGLE 'A' TO BE 15° OR LESS (BOTH SIDES)
2. SEE FLOOR PLANS FOR B, C, & W.
3. SPLITTER DAMPER LENGTH D = 1.5 x B
4. E = D + 3" MINIMUM
5. VERTICAL DIMENSION TO BE MAINTAINED THRU F.
6. CHANGE IN VERTICAL DIMENSION TO OCCUR AFTER TURNS.



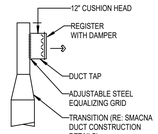
1. DAMPER ABOVE INACCESSIBLE CEILING
2. DAMPER ABOVE LAY-IN CEILING

AIR EXTRACTOR AT SIDEWALL REGISTER

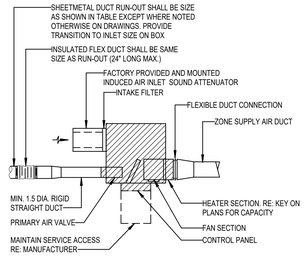


1. MAX. WIDTH OF DUCT TAP SHALL BE 45°. PROVIDE BOTTOM BRACKET FOR SUPPORT WHERE EXTRACTOR EXCEEDS 16".
2. MAX. HEIGHT OF DUCT TAP SHALL BE 12" (MIN. = 4")

SIDEWALL REGISTER AT END OF DUCT



12 DUCT CONSTRUCTION DETAIL
NOT TO SCALE

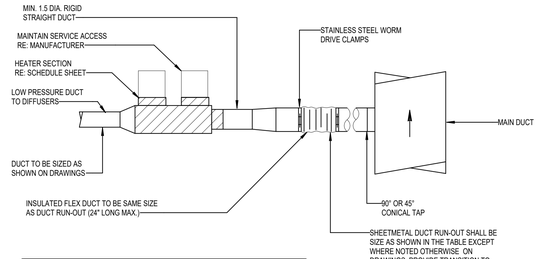


NOTE:
1. HEATING COIL SHALL BE PART OF THE BOX AIR PRESSURE DROP AND SHALL NOT EXCEED .10" W.G. AT COOLING CFM. ELECTRIC HEATER SHALL CONFORM TO THE ELECTRIC DUCT HEATER SECTION OF THE SPECIFICATIONS.
2. MAXIMUM VELOCITY AT BOX INLET SHALL NOT EXCEED 2,000 FPM.
3. SIZE ALL FAN MOTORS TO OVERCOME 0.35" EXTERNAL STATIC PRESSURE. MINIMUM MOTOR SIZES SHALL BE AS NOTED IN THE TABLE.
4. TERMINAL BOX DESIGNATION TO BE DETERMINED BY THE MAXIMUM COOLING CFM.
5. FAN ASSEMBLY: ECM VARIABLE SPEED MOTOR; 277V/1PH/60HZ. COORDINATE WITH ELECTRICAL PLANS. REFER TO AIR TERMINAL SPECS FOR FURTHER REQUIREMENTS.
6. ANY DEVIATIONS OF ELECTRICAL CHARACTERISTICS LISTED ON CHART BELOW RESULTING IN POWER DESIGN CHANGES SHALL BE RESPONSIBILITY OF CONTRACTOR.

TERMINAL BOX SCHEDULE - BASED ON TITUS DTFS-F

DESIGNATION	A	B	C	D	E	G
CFM RANGE	1-350	351-650	651-1,000	1,000-1,400	1,401-2,000	2,001-2,600
INLET SIZE	6"	8"	10"	12"	14"	16"
DUCT SIZE	8"	10"	12"	14"	16"	18"
HP (MAX)	1/3	1/3	1/3	1/2	3/4	(2) @ 3/4
MOTOR AMPS (MAX)	0.76	1.4	1.9	3.3	4.9	11.8

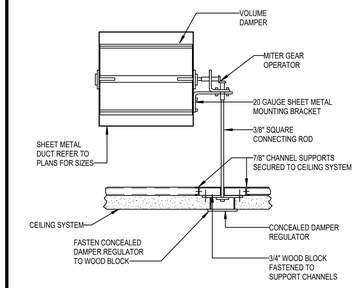
8 SERIES FAN - POWERED AIR TERMINAL UNIT WITH ELECTRIC HEAT DETAIL
NOT TO SCALE



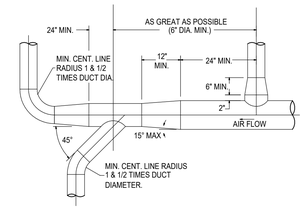
TERMINAL BOX SCHEDULE

DESIGNATION	A	B	C	D	E
CFM RANGE	1-350	351-650	651-1,000	1,001-1,400	1,401-1,900
INLET SIZE	6"	8"	10"	12"	14"
DUCT SIZE	8"	10"	12"	14"	16"

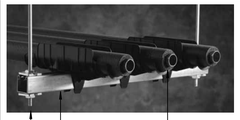
9 SINGLE DUCT AIR TERMINAL UNIT WITH ELECTRIC HEAT DETAIL
NOT TO SCALE



5 DAMPER OPERATOR IN NON - ACCESSIBLE CEILINGS DETAIL
NOT TO SCALE



2 ROUND DUCT CONSTRUCTION DETAIL
NOT TO SCALE

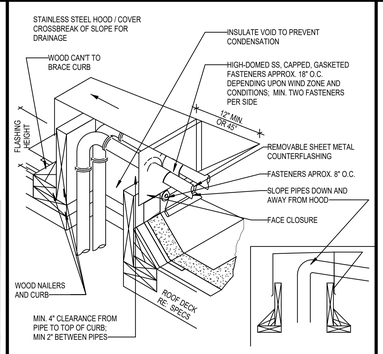




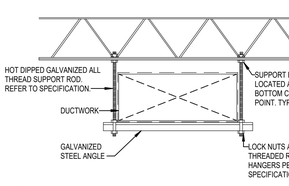
NOTES:
TYPICAL FOR ALL REFRIGERANT PIPING. PROVIDE PIPE SUPPORTS MANUFACTURED BY "COOPER B-LINE", SNAP 'N SHIELD SERIES. COORDINATE COPPER TUBING SIZE AND INSULATION THICKNESS WITH COOPER B-LINE PRIOR TO EQUIPMENT ORDER.

SUPPORT ALL-THREAD ROD SHALL BE LOCATED AT JOIST BOTTOM CHORD PANEL.

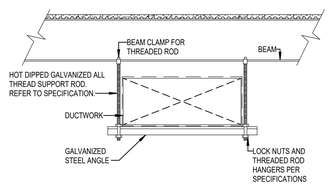
15 SNAP 'N SHIELD REFRIGERANT PIPING SUPPORT DETAIL
NOT TO SCALE



13 HOODED CURB DETAIL
NOT TO SCALE

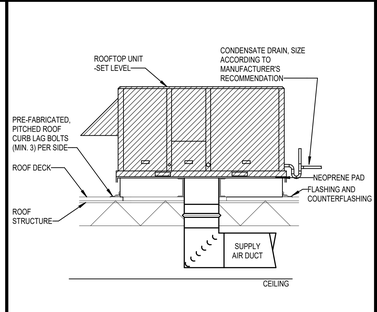


NOTES:
1. FOLLOW SMACNA GUIDELINES FOR SPACING REQUIREMENTS.
2. CONTRACTOR SHALL OBTAIN STRUCTURAL ENGINEER APPROVAL FOR ANY AND ALL DUCTWORK MOUNTING DETAILS AT CONCRETE.
3. CONTRACTOR SHALL INSTALL DUCT HANGER ROD WITHIN 3" AT JOIST BOTTOM CHORD PANEL POINT. IF HANGER ROD DOES NOT OCCUR WITHIN 3" AT BOTTOM CHORD PANEL POINT THAN LOAD SHALL NOT EXCEED 100# CONCENTRATED LOAD AT EACH THREADED ROD HANGER LOCATION.
4. REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL JOIST REINFORCEMENTS REQUIREMENTS IF DUCT HANGER RODS ARE MORE THAN 3" FROM JOIST BOTTOM CHORD PANEL POINT AND EXCEED 100# CONCENTRATED LOAD.
5. IF DUCT RUNS PARALLEL WITH STRUCTURE, PROVIDE SECURED UNISTRUT HEADER LAID ACROSS MULTIPLE JOISTS MOUNTED TO JOIST BOTTOM CHORD.
6. BEAM CLAMPS AND FLANGE CLIPS ARE NOT ACCEPTABLE FOR JOISTS.

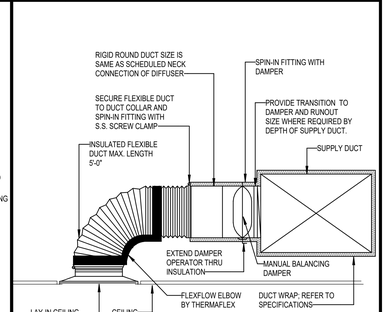


NOTES:
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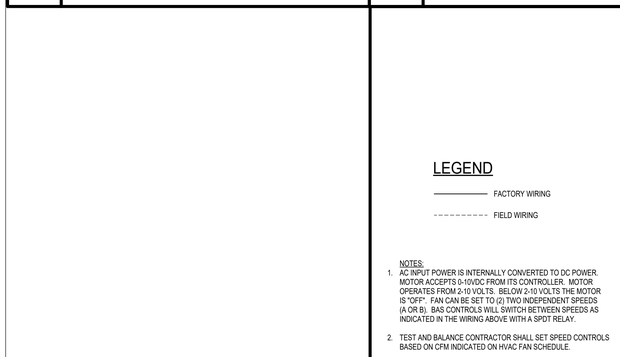
10 DUCT HANGER TRAPEZE DETAIL
NOT TO SCALE



6 DOAS ROOFTOP AIR CONDITIONING UNIT DETAIL
NOT TO SCALE



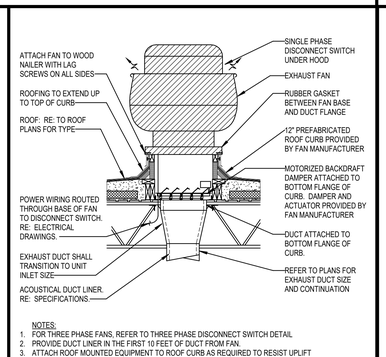
3 CEILING DIFFUSER CONNECTION DETAIL
NOT TO SCALE



LEGEND
FACTORY WIRING
FIELD WIRING

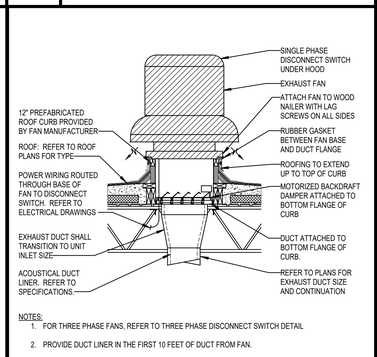
NOTES:
1. AC INPUT POWER IS INTERNALLY CONVERTED TO DC POWER. MOTOR ACCEPTS 0-10VDC FROM ITS CONTROLLER. MOTOR OPERATES FROM 2-10 VOLTS. BELOW 2-10 VOLTS THE MOTOR IS "OFF". FAN CAN BE SET TO (2) TWO INDEPENDENT SPEEDS (A OR B). BAS CONTROLS WILL SWITCH BETWEEN SPEEDS AS INDICATED IN THE WIRING ABOVE WITH A SPDT RELAY.
2. TEST AND BALANCE CONTRACTOR SHALL SET SPEED CONTROLS BASED ON CFM INDICATED ON HVAC FAN SCHEDULE.

14 VARI-GREEN MULTI-SPEED ECM MOTOR AND CONTROL DIAGRAM
NOT TO SCALE



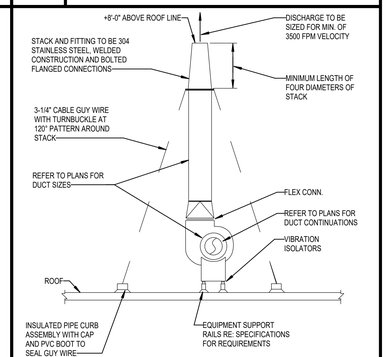
NOTES:
1. FOR THREE PHASE FANS, REFER TO THREE PHASE DISCONNECT SWITCH DETAIL
2. PROVIDE DUCT LINER IN THE FIRST 10 FEET OF DUCT FROM FAN.
3. ATTACH ROOF MOUNTED EQUIPMENT TO ROOF CURB AS REQUIRED TO RESIST UPLIFT DUE TO WINDS UP TO 120 M.P.H. SPEED.

11 UPBLAST ROOF MOUNTED EXHAUST FAN DETAIL
NOT TO SCALE



NOTES:
1. FOR THREE PHASE FANS, REFER TO THREE PHASE DISCONNECT SWITCH DETAIL
2. PROVIDE DUCT LINER IN THE FIRST 10 FEET OF DUCT FROM FAN.

7 DOWNBLAST ROOF MOUNTED EXHAUST FAN DETAIL
NOT TO SCALE



4 LAB EXHAUST FAN DISCHARGE STACK DETAIL
NOT TO SCALE

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION
2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130
CLIENT PROJECT NO: 250033
ISSUE FOR BID - CONSTRUCTION DOCUMENTS

PBK
www.pbk.com
TX FIRM: BR 1608
SAN ANTONIO, TX
210-829-0123

LEAF ENGINEERS
601 N.W. LOOP 410, SUITE 460
SAN ANTONIO, TX 78216
210-638-7200
TX Firm: F-18672

ALAMO COLLEGES DISTRICT

STATE OF TEXAS
JAMES R. PERRON
145042
LICENSED PROFESSIONAL ENGINEER
09/24/2025
LEAF ENGINEERS
F-18672

CLIENT
ALAMO COLLEGES DISTRICT
DATE 09/24/2025
PROJECT NUMBER 250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: JP
DRAWN BY: ER/OE

MECHANICAL DETAILS

M-301

Plot Stamp:
9/23/2025 9:23:30 PM

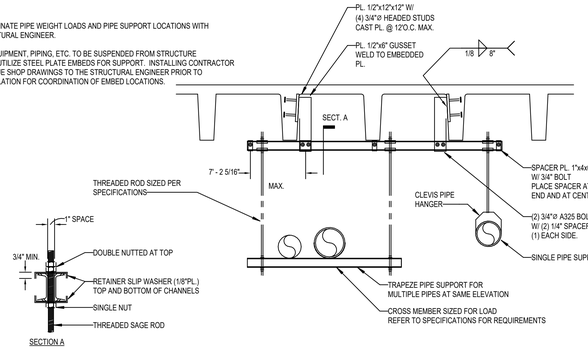
0"

1"

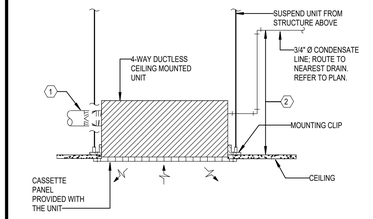
MECHANICAL DETAILS
M-302
FOR BLUEBEAM LABELING/DOOR:

NOTES:

1. COORDINATE PIPE WEIGHT LOADS AND PIPE SUPPORT LOCATIONS WITH STRUCTURAL ENGINEER.
2. ALL EQUIPMENT, PIPING, ETC. TO BE SUSPENDED FROM STRUCTURE SHALL UTILIZE STEEL PLATE EMBEDS FOR SUPPORT. INSTALLING CONTRACTOR TO ISSUE SHOP DRAWINGS TO THE STRUCTURAL ENGINEER PRIOR TO INSTALLATION FOR COORDINATION OF EMBED LOCATIONS.



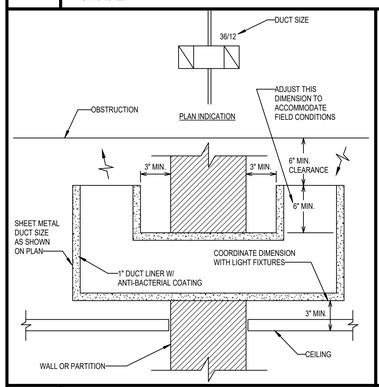
6 PIPE HANGER FROM CONCRETE PAN JOIST DETAIL
NOT TO SCALE



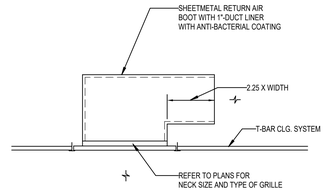
NOTE:

1. REFER TO PLAN FOR REQUIRED OUTSIDE AIR CONNECTION. PROVIDE OUTSIDE AIR ADAPTER WITH UNIT AS REQUIRED.
2. REFER TO MANUFACTURER FOR MAXIMUM CONDENSATE LIFT.

1 4-WAY CEILING CASSETTE FAN COIL UNIT DETAIL
NOT TO SCALE



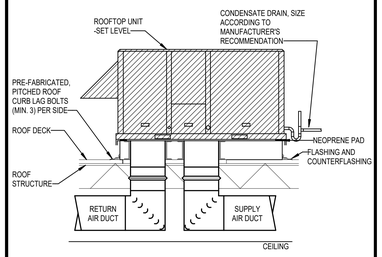
8 TRANSFER DUCT DETAIL
NOT TO SCALE



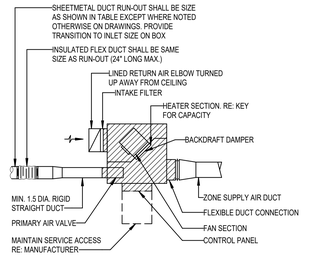
NOTES:

1. PROVIDE BOOT ON RETURN AIR GRILLES LOCATED IN OFFICES, CONFERENCE ROOMS, OPEN OFFICES AND ANY OTHER SOUND RATED AREAS. RE: ARCH. DWGS. FOR SOUND RATED ROOMS.
2. SIZE DISCHARGE SIDE OF BOOT FOR A MAXIMUM VELOCITY OF 500 FPM.

7 RETURN AIR BOOT FOR SOUND CRITICAL ROOMS DETAIL
NOT TO SCALE



2 ROOFTOP AIR CONDITIONING UNIT DETAIL
NOT TO SCALE

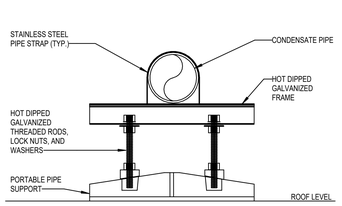


NOTE:

1. HEATING COIL SHALL BE PART OF THE BOX AIR PRESSURE DROP AND SHALL NOT EXCEED .10" W.G. AT COOLING CFM. ELECTRIC HEATER SHALL CONFORM TO THE ELECTRIC DUCT HEATER SECTION OF THE SPECIFICATIONS.
2. MAXIMUM VELOCITY AT BOX INLET SHALL NOT EXCEED 2000 FPM.
3. SIZE ALL FAN MOTORS TO OVERCOME 0.35" EXTERNAL STATIC PRESSURE. MINIMUM MOTOR SIZES SHALL BE AS NOTED IN THE TABLE.
4. TERMINAL BOX DESIGNATION TO BE DETERMINED BY THE MAXIMUM COOLING CFM.

TERMINAL BOX SCHEDULE						
DESIGNATION	A	B	C	D	E	F
CFM RANGE	1-350	351-650	651-1,000	1,000-1,400	1,401-1,900	1,901-2,600
INLET SIZE	6"	8"	10"	12"	14"	16"
DUCT SIZE	8"	10"	12"	14"	16"	18"
HP (MIN)	1/3	1/3	1/2	1/2	3/4	3/4

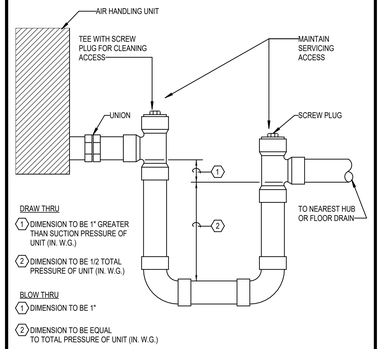
3 PARALLEL FAN - POWERED AIR TERMINAL UNIT WITH ELECTRIC HEAT DETAIL
NOT TO SCALE



NOTES:

1. PORTABLE PIPE SUPPORTS SHALL BE MANUFACTURED BY ADVANCED SUPPORT PRODUCT, INC., MODEL SS1000A/SS2000-CB-ADJ (AS APPLICABLE) OR PRIOR APPROVED EQUAL.
2. ALL METALS MATERIALS SHALL BE HOT-DIPPED GALVANIZED.

5 CONDENSATE PIPE SUPPORT DETAIL
NOT TO SCALE



DRAW THRU
1 DIMENSION TO BE 1" GREATER THAN SUCTION PRESSURE OF UNIT (IN. W.G.)
2 DIMENSION TO BE 1/2 TOTAL PRESSURE OF UNIT (IN. W.G.)

BLOW THRU
1 DIMENSION TO BE 1"
2 DIMENSION TO BE EQUAL TO TOTAL PRESSURE OF UNIT (IN. W.G.)

4 CONDENSATE TRAP PIPING DETAIL
NOT TO SCALE

PBK
www.pbk.com
TX FIRM: BR 1608
SAN ANTONIO, TX
210-829-0123

LEAF ENGINEERS
601 N.W. LOOP 410, SUITE 460
SAN ANTONIO, TX 78216
210-638-7200
TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

STATE OF TEXAS
JAMES R. PERRON
145042
LICENSED PROFESSIONAL ENGINEER
09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: JP
DRAWN BY: ER/OE

MECHANICAL DETAILS

M-302

Plot Stamp:
9/23/2025 9:23:33 PM

0"
1"

ELECTRICAL SYMBOL LEGEND AND GENERAL NOTES
E-000
FOR BLUEBEAM LABELING/DOOR:

GENERAL ELECTRICAL NOTES

1. UNLESS SPECIFICALLY INDICATED ON THE DRAWINGS OR OTHERWISE INSTRUCTED BY THE ARCHITECT, ELECTRICAL OUTLETS SHALL HAVE THE FOLLOWING MOUNTING HEIGHTS. DIMENSIONS ARE TO CENTER OF BOX UNLESS OTHERWISE NOTED:

WALL SWITCHES	•
WALL CONVENIENCE RECEPTACLES	15" AFF TO BOTTOM OF BOX
WALL DATA/VOICE OUTLETS	15" AFF TO BOTTOM OF BOX
WALL OUTLETS FOR WALL MTD. TELEPHONE	•
WALL CLOCK OUTLETS	7'-0" AFF (OR ABOVE CHALKBOARDS WHERE REQUIRED)*
MANUAL FIRE ALARM PULL STATIONS	•
FIRE ALARM SPEAKER/HORN	1'-0" BELOW CEILING, OR IN CEILING, AS REQUIRED*
INTERIOR BELLS,BUZZERS, HORNS	1'-0" BELOW CEILING, OR IN CEILING, AS REQUIRED*
SPECIAL PURPOSE WALL OUTLETS	15" AFF TO BOTTOM OF BOX (OR HIGHER AS REQUIRED TO SERVE EQUIPMENT)
PUSH BUTTONS	
ADA VISUAL ALARM	80" AFF TO BOTTOM OF LENS OR 6" BELOW CEILING, WHICHEVER IS LOWER. ENTIRE LENS TO BE WITHIN 80" TO 96" AFF*
	• TOP OF BOX SHALL BE 42" AFF MAX. FOR WHEELCHAIR FRONTAL APPROACH AND 48" AFF MAX. FOR SIDE APPROACH. VERIFY EXACT HEIGHT WITH ARCHITECT
	* 7'-0" AFF TO BOTTOM OF DEVICE IF DEVICE PROTRUDES MORE THAN 4" FROM WALL (PER ADA)

AFF = ABOVE FINISHED FLOOR
AFG = ABOVE FINISHED GRADE

2. UNLESS SPECIFICALLY INDICATED ON THE ELECTRICAL DRAWINGS, OUTLETS LOCATED AT COUNTERS AND CABINETS SHALL BE MOUNTED AS SHOWN ON ARCHITECTURAL DETAILS AND ELEVATIONS, OR AS DIRECTED BY ARCHITECT.
3. COORDINATE MOUNTING HEIGHTS AND DETAILS OF ALL OUTLETS (POWER, SIGNAL, ETC.) WITH ARCHITECTURAL CASEWORK DRAWINGS PRIOR TO DIVISION 26 ROUGH-IN. PROVIDE COORDINATION DRAWINGS IN ACCORDANCE WITH DIVISION 26 SPECIFICATIONS WHERE CONFLICTS EXIST. OBTAIN APPROVAL FROM ARCHITECT BEFORE ELECTRICAL ROUGH-IN WHEN CONFLICTS ARISE.
4. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATION OF ALL HVAC AND PLUMBING EQUIPMENT.
5. CIRCUITING
   A. BRANCH CIRCUITING IS SCHEMATIC IN NATURE AND IS INTENDED TO INDICATE CIRCUIT LOADING AND CONTROL, NOT METHODS OF INSTALLATION. REFER TO SPECIFICATIONS FOR METHODS OF INSTALLATION AND MATERIALS, INCLUDING WHETHER OR NOT BX IS ALLOWED AND WHETHER "THROUGH-FIXTURE" OR "OCTOPUS (EMT WITH FLEXIBLE WHIPS)" TYPE LIGHTING BRANCH CIRCUITING IS REQUIRED.
   B. WHERE WIRE SIZE AND CONDUIT SIZE IS NOT INDICATED ON THE DRAWINGS AND/OR PANEL SCHEDULES, REFER TO SPECIFICATIONS FOR MINIMUM SIZE REQUIRED.
   C. BRANCH CIRCUITS ON THE DRAWINGS ARE GENERALLY NOT SHOWN GROUPED IN SINGLE RACEWAYS. HOWEVER, GROUPING IS ALLOWED UNDER CERTAIN CONDITIONS. REFER TO DIVISION 26 SPECIFICATIONS UNDER SECTION ENTITLED "ELECTRICAL WIRING" FOR REQUIREMENTS.
   D. THE DRAWINGS GENERALLY INDICATE QUANTITY OF CONDUCTORS ON BRANCH CIRCUIT HOME RUNS ONLY. ELSEWHERE WITHIN CIRCUITS, PROVIDE QUANTITY OF CONDUCTORS AS NEEDED TO ACCOMPLISH CIRCUITING AND SWITCHING REQUIREMENTS SHOWN.
6. THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL AUTHORITIES HAVING JURISDICTION, NEC, ALL STATE AND LOCAL CODES AND AMENDMENTS.

GENERAL ELECTRICAL REMODEL NOTES

1. UNLESS SPECIFICALLY INDICATED ON THE DRAWINGS OR OTHERWISE INSTRUCTED BY THE ARCHITECT, ELECTRICAL OUTLETS SHALL HAVE THE FOLLOWING MOUNTING HEIGHTS. DIMENSIONS ARE TO CENTER OF BOX UNLESS OTHERWISE NOTED:

WALL SWITCHES	•
WALL CONVENIENCE RECEPTACLES	15" AFF TO BOTTOM OF BOX
WALL DATA/VOICE OUTLETS	15" AFF TO BOTTOM OF BOX
WALL OUTLETS FOR WALL MTD. TELEPHONE	•
WALL CLOCK OUTLETS	7'-0" AFF (OR ABOVE CHALKBOARDS WHERE REQUIRED)*
MANUAL FIRE ALARM PULL STATIONS	•
FIRE ALARM SPEAKER/HORN	1'-0" BELOW CEILING, OR IN CEILING, AS REQUIRED*
INTERIOR BELLS,BUZZERS, HORNS	1'-0" BELOW CEILING, OR IN CEILING, AS REQUIRED*
SPECIAL PURPOSE WALL OUTLETS	15" AFF TO BOTTOM OF BOX (OR HIGHER AS REQUIRED TO SERVE EQUIPMENT)
PUSH BUTTONS	
ADA VISUAL ALARM	80" AFF TO BOTTOM OF LENS OR 6" BELOW CEILING, WHICHEVER IS LOWER. ENTIRE LENS TO BE WITHIN 80" TO 96" AFF*
	• TOP OF BOX SHALL BE 42" AFF MAX. FOR WHEELCHAIR FRONTAL APPROACH AND 48" AFF MAX. FOR SIDE APPROACH. VERIFY EXACT HEIGHT WITH ARCHITECT
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AFG = ABOVE FINISHED GRADE

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   B. WHERE WIRE SIZE AND CONDUIT SIZE IS NOT INDICATED ON THE DRAWINGS AND/OR PANEL SCHEDULES, REFER TO SPECIFICATIONS FOR MINIMUM SIZE REQUIRED.
   C. BRANCH CIRCUITS ON THE DRAWINGS ARE GENERALLY NOT SHOWN GROUPED IN SINGLE RACEWAYS. HOWEVER, GROUPING IS ALLOWED UNDER CERTAIN CONDITIONS. REFER TO DIVISION 26 SPECIFICATIONS UNDER SECTION ENTITLED "ELECTRICAL WIRING" FOR REQUIREMENTS.
   D. THE DRAWINGS GENERALLY INDICATE QUANTITY OF CONDUCTORS ON BRANCH CIRCUIT HOME RUNS ONLY. ELSEWHERE WITHIN CIRCUITS, PROVIDE QUANTITY OF CONDUCTORS AS NEEDED TO ACCOMPLISH CIRCUITING AND SWITCHING REQUIREMENTS SHOWN.
6. WHEN REMOVING EXISTING ELECTRICAL WORK WHERE OTHER ITEMS REMAIN ON THE SAME CIRCUIT, THE CONTRACTOR SHALL TAKE WHATEVER STEPS ARE NECESSARY TO MAINTAIN CIRCUIT CONTINUITY.
7. ALL ITEMS NOTED TO BE REMOVED ARE TO REMAIN THE PROPERTY OF THE OWNER; HOWEVER, CONTRACTOR SHALL REMOVE FROM JOB SITE ALL MATERIAL NOT RETAINED BY OWNER.
8. FIELD VERIFY CONDITION OF, AND MODIFICATIONS AND ADDITIONS TO, ALL EXISTING ELECTRICAL FIXTURES, PANELS, WIRING, ETC.
9. WHERE DOORS ARE ADDED, OR PORTIONS OF WALLS REMOVED, CONTRACTOR SHALL REMOVE OR RELOCATE ALL ELECTRICAL WORK NECESSARY FOR THE REMODELING MODIFICATION, WHETHER OR NOT THIS WORK IS NOTED ON PLANS.
10. WHERE EXISTING JUNCTION BOXES ARE COVERED OR REMOVED, CONTRACTOR SHALL TAKE WHATEVER STEPS ARE NECESSARY TO COMPLY WITH NEC 314-19.
11. EXISTING ELECTRICAL BOXES TO REMAIN IN AREAS WHERE NEW WALL FINISHES ARE TO BE APPLIED SHALL BE RESET AS NECESSARY TO PROVIDE FLUSH MOUNTING FOR BOXES.
12. CONTRACTOR SHALL FIELD VERIFY EXISTING BRANCH CIRCUIT LOADING WHEN MAKING MODIFICATIONS AND/OR ADDITIONS TO THAT CIRCUIT. IF NEW WORK WOULD OVERLOAD EXISTING CIRCUIT, CONTRACTOR SHALL LOCATE ANOTHER EXISTING CIRCUIT (THE CLOSEST), WHICH WOULD NOT BE OVERLOADED UPON ADDING NEW LOAD, AND SHALL TIE NEW LOAD INTO THAT CIRCUIT.
13. WHEN EXISTING ELECTRICAL WORK IS REMOVED, ALL EXPOSED CONDUIT, WIRING, CONTROL AND JUNCTION BOXES ALONG WALLS, FLOOR, AND CEILING SHALL BE REMOVED. BRANCH CIRCUIT WIRES SHALL BE REMOVED BACK TO CIRCUIT BREAKER(S). BLANK COVER PLATES SHALL BE PROVIDED FOR RECESSED BOXES. WHERE THIS WORK IS DONE, THE WALLS, FLOOR, AND CEILING SHALL BE PATCHES AS NECESSARY UNDER WORK COVERED IN OTHER SECTIONS.
14. EXISTING RECESSED INCANDESCENT AND HID LUMINAIRES DESIGNATED FOR TEMPORARY REMOVAL AND RE-USE SHALL BE STORED. ALL SUCH LUMINAIRES NOT THERMALLY PROTECTED PER NEC 410-118 AND 410-130(F) ARE NOT SUITABLE FOR RE-USE AND SHALL BE GIVEN TO THE OWNER. PROVIDE NEW REPLACEMENT LUMINAIRES WITH UL THERMAL PROTECTION, IDENTICAL APERTURE, EQUIVALENT PHOTOMETRICS AND NEW LAMPS.
15. CONTRACTOR TO REFER TO ARCHITECTURAL DEMOLITION PLANS AND PHASING PLANS AND HAVE A GOOD UNDERSTANDING OF SCOPE OF PROJECT PRIOR TO COMMENCEMENT OF WORK.
16. LUMINAIRE SUPPORT IN SUSPENDED CEILINGS:
   A. PROVIDE MEANS OF SUPPORT FOR LUMINAIRES PER NEC 410-16. T BAR CLIPS SHALL BE INSTALLED ON THE LUMINAIRE AND SHALL BE FIELD SECURED TO THE INVERTED CEILINGS TEES SO THAT THE LUMINAIRE IS SECURELY FASTENED TO THE CEILING SYSTEM FRAMING MEMBERS
   B. CEILING TILES SHALL NOT BEAR THE WEIGHT OF LUMINAIRES. SURFACE MOUNT LUMINAIRES, RECESSED DOWNLIGHTS, LIGHT TRACK, EXIT SIGNS, ETC. SHALL BE SUPPORTED BY PROPER FRAMES OR OTHER ATTACHMENT TO MAIN CEILING SYSTEM GRID OR BUILDING STRUCTURE ABOVE CEILING.
   C. LUMINAIRES SHALL BE CENTERED IN CEILING TILE.
   D. LUMINAIRE SHALL HAVE FLANGE OR TRIM RING FOR CLOSURE OF CEILING CUTOUT OR OPENING.
   E. FIRE-RATED CEILING ASSEMBLY: FOR LUMINAIRES TO BE FLUSH-MOUNTED INTO A FIRE-RATED CEILING OR SURFACE MOUNTED TO A FIRE-RATED CEILING, INSTALL WITH INDEPENDENT, SECURE SUPPORT. RACEWAY, CABLE ASSEMBLIES BOXES AND FITTINGS LOCATED ABOVE A FIRE-RATED FLOOR/CEILING OR ROOF CEILING ASSEMBLY SHALL NOT BE SECURED TO, OR SUPPORTED BY, THE CEILING ASSEMBLY INCLUDING CEILING SUPPORT WIRES. PROVIDE AN INDEPENDENT MEANS OF SECURE SUPPORT. INDEPENDENT SUPPORT WIRES SHALL BE DISTINGUISHABLE BY COLOR, TAGGING, OR OTHER EFFECTIVE MEANS FROM THOSE THAT ARE PART OF THE FIRE-RATED DESIGN.
17. CONTRACTOR SHALL FIELD VERIFY ANY EXISTING UNDERGROUND PIPING, WIRING, OR OTHER FACILITIES PRIOR TO TRENCHING, AND SHALL BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY INSTALLATION OF NEW WORK.
18. THE ELECTRICAL CONTRACTOR SHALL COMPLY WITH ALL AUTHORITIES HAVING JURISDICTION, NEC, AND STATE AND LOCAL CODES AND AMENDMENTS.

ELECTRICAL SYMBOL LEGEND

1. EVERY SYMBOL SHOWN ON LEGEND MAY NOT APPEAR ON DRAWINGS.
2. DASHED ELECTRICAL EQUIPMENT GENERALLY INDICATES EXISTING EQUIPMENT.
3. LONG-SHORT-SHORT-LONG DASHING GENERALLY INDICATES MATCH LINE OR DEFINES AREA FOR SPECIAL NOTE.

CIRCUIT RELATED:

- LIGHTING OR POWER CIRCUIT(S). ARROW INDICATES HOME RUN, LONGER TICK(S) INDICATE NEUTRAL WIRE(S), SHORTER STRAIGHT TICK(S) INDICATE PHASE WIRE(S), SLANTED SHORTER TICK(S) INDICATE SWITCH LEG(S), DOT(S) INDICATE GROUNDING CONDUCTOR(S), DASHED WIRING (LONG-SHORT-LONG DASHES) INDICATES WIRING BELOW SLAB OR GRADE. DASHED WIRING (SERIES OF SHORT DASHES) INDICATES EXISTING WIRING, SLASH THROUGH ARROW INDICATES PARTIAL CIRCUIT, "D" ON HOMERUN ARROW INDICATES DEDICATED CIRCUIT; PROVIDE A SEPARATE NEUTRAL FOR EACH PHASE CONDUCTOR FOR ENTIRE LENGTH OF CIRCUIT FROM PANEL TO OUTLET; COUNT EACH NEUTRAL AS CURRENT-CARRYING AND GROUP A MAXIMUM OF SIX THHN/THWN CONDUCTORS IN A SINGLE RACEWAY; GROUNDING CONDUCTOR IS NOT COUNTED
- JUNCTION BOX
- GROUNDING FIXTURE

LIGHTING:

- LED LIGHTING FIXTURE. LETTER INDICATES TYPE, SMALL LETTER INDICATES SWITCH CONTROL, NUMBER INDICATES CIRCUIT, CROSS HATCHING INDICATES FIXTURE ON EMERGENCY SYSTEM, FOR SOLID CIRCLE WITHIN FIXTURE REFERENCE APPROPRIATE CATEGORY "A" CIRCUIT RELATED SYMBOL
- STRIP TYPE LED LIGHTING FIXTURE. LETTER INDICATES TYPE, SMALL LETTER INDICATES SWITCH CONTROL, NUMBER INDICATES CIRCUIT, FOR SOLID CIRCLE ATTACHED TO FIXTURE REFERENCE APPROPRIATE CATEGORY "A" CIRCUIT RELATED SYMBOL
- LED LIGHTING FIXTURE. LETTER INDICATES TYPE, SMALL LETTER INDICATES SWITCH CONTROL, NUMBER INDICATES CIRCUIT, FOR SOLID CIRCLE REFERENCE APPROPRIATE CATEGORY "A" CIRCUIT RELATED SYMBOL
- DESIGNATES FIXTURE ON EMERGENCY POWER. RE: LIGHTING PLAN NOTES AND FIXTURE SCHEDULE NOTES FOR ADDITIONAL INFORMATION
- WALL OR BRACKET MOUNTED FIXTURE OR DEVICE
- EXIT LIGHT FIXTURE. LETTER INDICATES TYPE, NUMBER INDICATES CIRCUIT, NUMBER AND LOCATION OF SHADED TRIANGLE SECTIONS INDICATE NUMBER OF EXIT SIGN FACES AND DIRECTION OF EACH FACE. PROVIDE CHEVRON DIRECTIONAL INDICATORS AS SHOWN ON DRAWINGS

CONTROL:

- $ — SWITCH. SMALL LETTER INDICATES FIXTURES CONTROLLED, "P" INDICATES PILOT LIGHT, "WP" INDICATES WEATHERPROOF, "K" INDICATES KEY POERATED, "MO" INDICATES SPDT MOMENTARY CONTACT, "2" INDICATES DPDT , "3" INDICATES 3-WAY, "4" INDICATES 4-WAY , "M" INDICATES MANUAL MOTOR STARTER, CIRCUIT DESIGNATION NEXT TO SWITCH INDICATES BRANCH CIRCUIT NUMBER
- $^D — WALL BOX DIMMER SWITCH. "MARK" INDICATES WATTAGE IF OTHER THAN 600, "3D" INDICATES 3-WAY DIMMER
- $$ — MULTI-LEVEL SWITCH. CIRCUIT DESIGNATION NEXT TO SWITCH INDICATES BRANCH CIRCUIT NUMBER
- $^T — DIGITAL TIME SWITCH
- PC — PHOTOELECTRIC CONTROL
- EPO — EMERGENCY POWER OFF (EPO) PUSHBUTTON
- PB — PUSH BUTTON
- $^{OC} — WALL MOUNT OCCUPANCY SENSOR
- DT — DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR
- RR — CEILING MOUNTED RESTROOM OCCUPANCY SENSOR
- CR — CEILING MOUNTED CORRIDOR OCCUPANCY SENSOR
- HB — CEILING MOUNTED HIGH CEILING OCCUPANCY SENSOR
- PLC — ABOVE CEILING MOUNTED PLUG LOAD CONTROL POWER PACK

POWER OUTLETS:

- 20A-125V DUPLEX RECEPTACLE. "H" SYMBOL MEANS CONTRACTOR SHALL INSTALL RECEPTACLE HORIZONTALLY.
- 20A-125V GROUND FAULT CIRCUIT INTERRUPTER RECEPTACLE. "WP" INDICATES WEATHER PROOF DEVICE
- 20A-125V DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER TOP. REFER TO ARCHITECT FOR EXACT HEIGHT ABOVE COUNTER
- $_C — 20A-125V CONTROLLED DUPLEX RECEPTACLE
- 20A-125V ISOLATED GROUND TYPE DUPLEX RECEPTACLE
- $_{CH} — 20A-125V DUPLEX TAMPER RESISTANT RECEPTACLE WITH (2) USB CHARGING PORTS
- 20A-125V FOURPLEX RECEPTACLE. SAME SYMBOLOGY AS DUPLEX RECEPTACLE
- SPECIAL PURPOSE SINGLE POWER RECEPTACLE. RATED AS INDICATED (IF NO RATING INDICATED, RECEPTACLE RATING SHALL MATCH BRANCH CIRCUIT OVERCURRENT PROTECTIVE DEVICE AND SHALL MEET REQUIREMENTS OF EQUIPMENT BEING CONNECTED), "C" INDICATES CLOCK OUTLET
- 20A-125V FLUSH FLOOR DUPLEX RECEPTACLE. 20A WHEN INDICATED OR IF BRANCH CIRCUIT SERVES ONLY SINGLE DUPLEX. PROVIDE CARPED FLANGE WHERE APPLICABLE
- LC1-X — CIRCUIT DESIGNATION NEXT TO RECEPTACLE DEVICES INDICATES BRANCH CIRCUIT NUMBER. RE: PANEL SCHEDULES FOR INFORMATION.

TELEPHONE/DATA:

- FLUSH FLOOR TELEPHONE OUTLET WITH CARPET FLANGE WHERE APPLICABLE
- WALL COMMUNICATIONS OR DATA OUTLET. REFER TO 'TS' SERIES SHEETS FOR EXACT BOX / CONDUIT REQUIREMENTS
- FLUSH FLOOR COMMUNICATIONS OR DATA OUTLET. REFER TO 'TS' SERIES SHEETS FOR EXACT BOX / CONDUIT REQUIREMENTS. PROVIDE CARPET FLANGE WHERE APPLICABLE
- SURFACE FLOOR COMMUNICATIONS OR DATA OUTLET. REFER TO 'TS' SERIES SHEETS FOR EXACT BOX / CONDUIT REQUIREMENTS. PROVIDE CARPET FLANGE WHERE APPLICABLE

EQUIPMENT:

- +42" — A NOTATION INDICATING THE MOUNTING HEIGHT OF A DEVICE AS MEASURED FROM FINISHED FLOOR OR GRADE TO CENTER LINE OF DEVICE
- MOTOR
- DISCONNECT SWITCH. FRAME SIZE/FUSE SIZE/POLES AS INDICATED, "NF" INDICATES NON-FUSIBLE. NEMA 1 ENCLOSURE UNLESS OTHERWISE NOTED. PROVIDE FUSED BUSWAY PLUG WHEN SWITCH IS INDICATED ON BUSWAY. ALL DISCONNECT SWITCHES SHALL BE 30/NF/3 UNLESS OTHERWISE NOTED
- SINGLE CIRCUIT BREAKER IN INDIVIDUAL ENCLOSURE
- MAGNETIC MOTOR CONTROLLER. NUMBER INDICATES NEMA SIZE. STARTER NEMA SIZE SHALL BE "NEMA 1" UNLESS OTHERWISE NOTED
- COMBINATION DISCONNECT SWITCH / MOTOR CONTROLLER
- CONTACTOR
- PANELBOARD
- SWITCHBOARD / DP
- T — TRANSFORMER
- GROUNDING CONNECTION TO GROUNDING ELECTRODE AS DEFINED IN NEC ARTICLE 250
- BELL. "WP" INDICATED OUTDOOR RATED

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TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

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ALAMO COLLEGES DISTRICT

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED
PROFESSIONAL ENGINEER
09/24/2025
LEAF ENGINEERS
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CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

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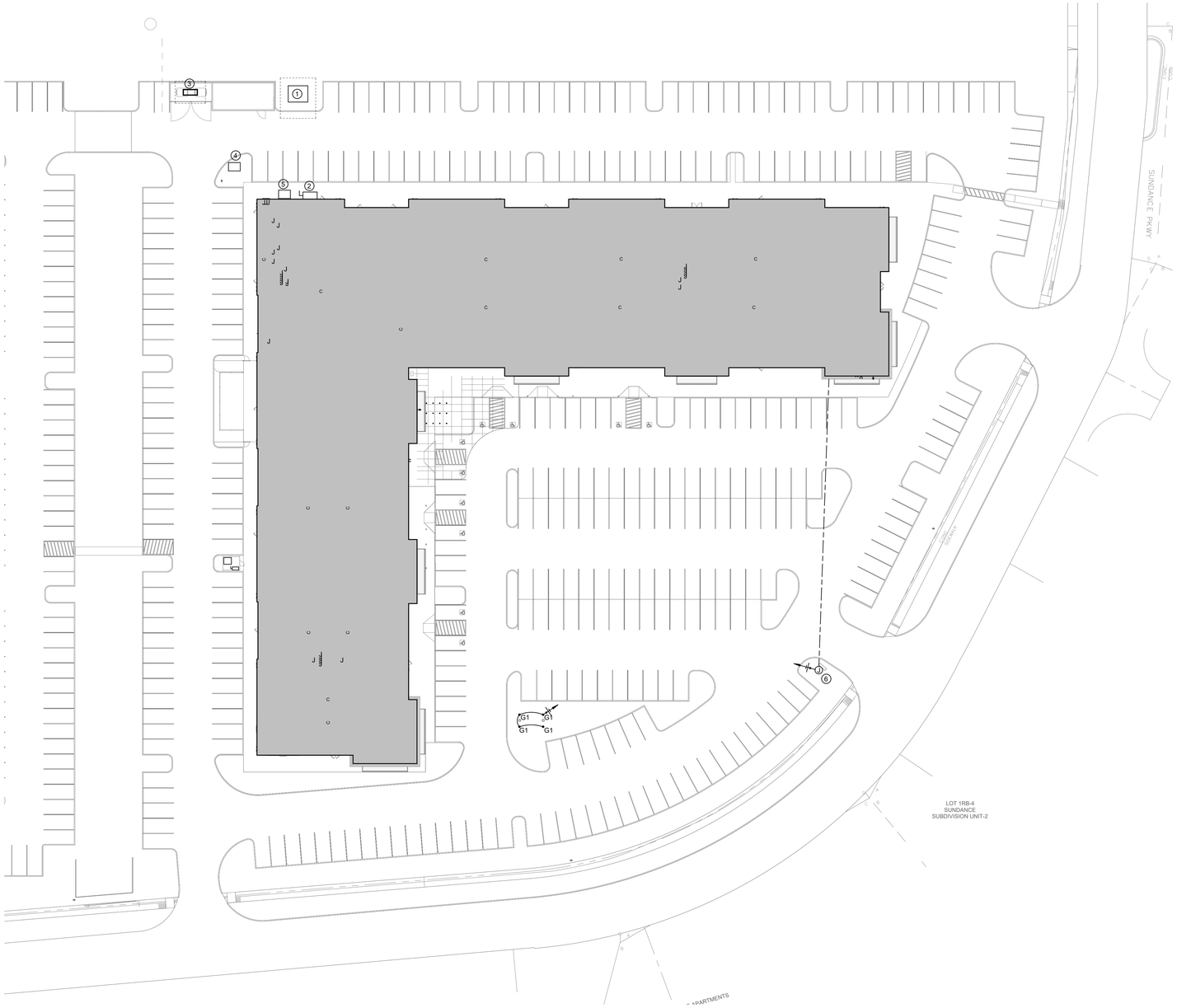
ELECTRICAL SYMBOL LEGEND AND GENERAL NOTES

E-000

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SITE PLAN - ELECTRICAL
ES-101
FOR BLUEBEAM LABELING/OCR:



SITE PLAN GENERAL NOTES:

1. COORDINATE ROUTING FOR ALL UNDERGROUND ELECTRICAL BRANCH CIRCUITS AND FEEDERS WITH OTHER DISCIPLINES PRIOR TO TRENCHING.
2. UNLESS NOTED OTHERWISE ALL UNDERGROUND CONDUIT SHOWN ON THIS PLAN TO BE MINIMUM 1" IN SIZE.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING UTILITIES CAUSED BY INSTALLATION OF NEW WORK.

SITE PLAN KEYED NOTES:

1. EXISTING 500KVA PAD MOUNT TRANSFORMER (BY UTILITY).
2. EXISTING 1200A BUILDING SERVICE DISCONNECT.
3. EXISTING 480V 3PH 1000KVA GENERATOR.
4. EXISTING ASCO 4810 LOAD BANK.
5. EXISTING DOCKING STATION.
6. PROVIDE (1) 1" CONDUIT FOR POWER AND (1) 1 1/2" CONDUIT FOR DATA FOR SIGN LIGHTING. COORDINATE EXACT ROUGH-IN AND LOCATION WITH ARCHITECTURAL DRAWINGS. VERIFY EXACT VOLTAGE AND AMPERAGE WITH SIGN INSTALLER.
7. WIRE AND CONNECT TO IRRIGATION CONTROLLER. VERIFY EXACT VOLTAGE AND AMPERAGE WITH SIGN INSTALLER.

1 **SITE PLAN - ELECTRICAL**
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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

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ALAMO COLLEGES DISTRICT

B C
A

KEY PLAN
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STATE OF TEXAS
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PROFESSIONAL ENGINEER
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SITE PLAN - ELECTRICAL

ES-101

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1ST FLOOR POWER DEMO PLAN - AREA A

ED-101A

FOR BLUEBEAM LABELING/DOCR:



DEMO POWER PLAN GENERAL NOTES:

1. DEMOLISHED ELECTRICAL FIXTURES, ELECTRICAL EQUIPMENT AND OTHER ELECTRICAL ITEMS ARE PROPERTY OF THE OWNER. OWNER RETAINS SALVAGE RIGHTS TO DEMOLISHED ITEMS. UNLESS NOTED OTHERWISE,ALL EXISTING ELECTRICAL EQUIPMENT AND DEVICES IN ROOMS ARE EXISTING TO REMAIN.
2. ANY EXISTING ELECTRICAL EQUIPMENT OR DEVICES ON DEMOLISHED WALL SHALL BE REINSTALLED OR RELOCATED PER OWNER PREFERENCE.

KEYED NOTES:

1. EXISTING ELECTRICAL FIXTURE AND POWER SHALL REMAIN IN THIS ROOM.
2. DEMOLISH APPROXIMATE LOCATION OF EXISTING DUAL CHANNEL RACEWAY SYSTEM WITH POWER AND COMMUNICATION FOR MODULAR FURNITURE. CIRCUIT CONDUIT AND CONDUCTORS SHALL BE DEMOLISH BACK TO PANEL. UNLESS NOTED OTHERWISE.
3. DEMOLISH APPROXIMATE LOCATION OF EXISTING WALL FURNITURE FEED. CIRCUIT CONDUIT AND CONDUCTORS SHALL BE DEMOLISH BACK TO PANEL. UNLESS NOTED OTHERWISE
4. EXISTING ELECTRICAL FIXTURE AND POWER TO REMAIN.
5. DEMOLISHED APPROXIMATE LOCATION OF EXISTING FLOOR BOX WITH POWER AND COMMUNICATION FOR MODULAR FURNITURE. CIRCUIT CONDUIT AND CONDUCTORS SHALL BE DEMOLISH BACK TO PANEL. UNLESS NOTED OTHERWISE.
6. EXISTING FAN POWERED TERMINAL UNIT TO REMAIN. CONTRACTOR SHALL VERIFY EXACT LOCATION AND ENSURE THAT ELECTRICAL CIRCUIT IS PRESERVE. IF EXISTING CIRCUIT OR MATERIAL ASSOCIATED WITH CIRCUIT IS DAMAGED THEN IT IS THE CONTRACTORS RESPONSIBILITY TO REPAIR AND MAINTAIN POWER TO EQUIPMENT.
7. EXISTING FAN POWERED TERMINAL UNIT SHALL BE DEMOLISHED. ALL CONDUIT AND CONDUCTORS SHALL BE DEMOLISHED BACK TO SOURCE PANEL.
8. EXISTING VARIABLE AIR VOLUME TERMINAL UNIT TO REMAIN. CONTRACTOR SHALL VERIFY EXACT LOCATION AND ENSURE THAT ELECTRICAL CIRCUIT IS PRESERVE. IF EXISTING CIRCUIT OR MATERIAL ASSOCIATED WITH CIRCUIT IS DAMAGED THEN IT IS THE CONTRACTORS RESPONSIBILITY TO REPAIR AND MAINTAIN POWER TO EQUIPMENT.
9. EXISTING EXHAUST FAN UNIT TO REMAIN. CONTRACTOR SHALL VERIFY EXACT LOCATION AND ENSURE THAT ELECTRICAL CIRCUIT IS PRESERVE. IF EXISTING CIRCUIT OR MATERIAL ASSOCIATED WITH CIRCUIT IS DAMAGED THEN IT IS THE CONTRACTORS RESPONSIBILITY TO REPAIR AND MAINTAIN POWER TO EQUIPMENT.

1 **1ST FLOOR POWER DEMO PLAN - AREA A**
SCALE: 1/8" = 1'-0"

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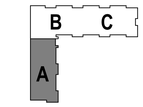
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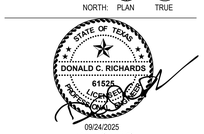
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KEY PLAN

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1ST FLOOR POWER DEMO PLAN - AREA A

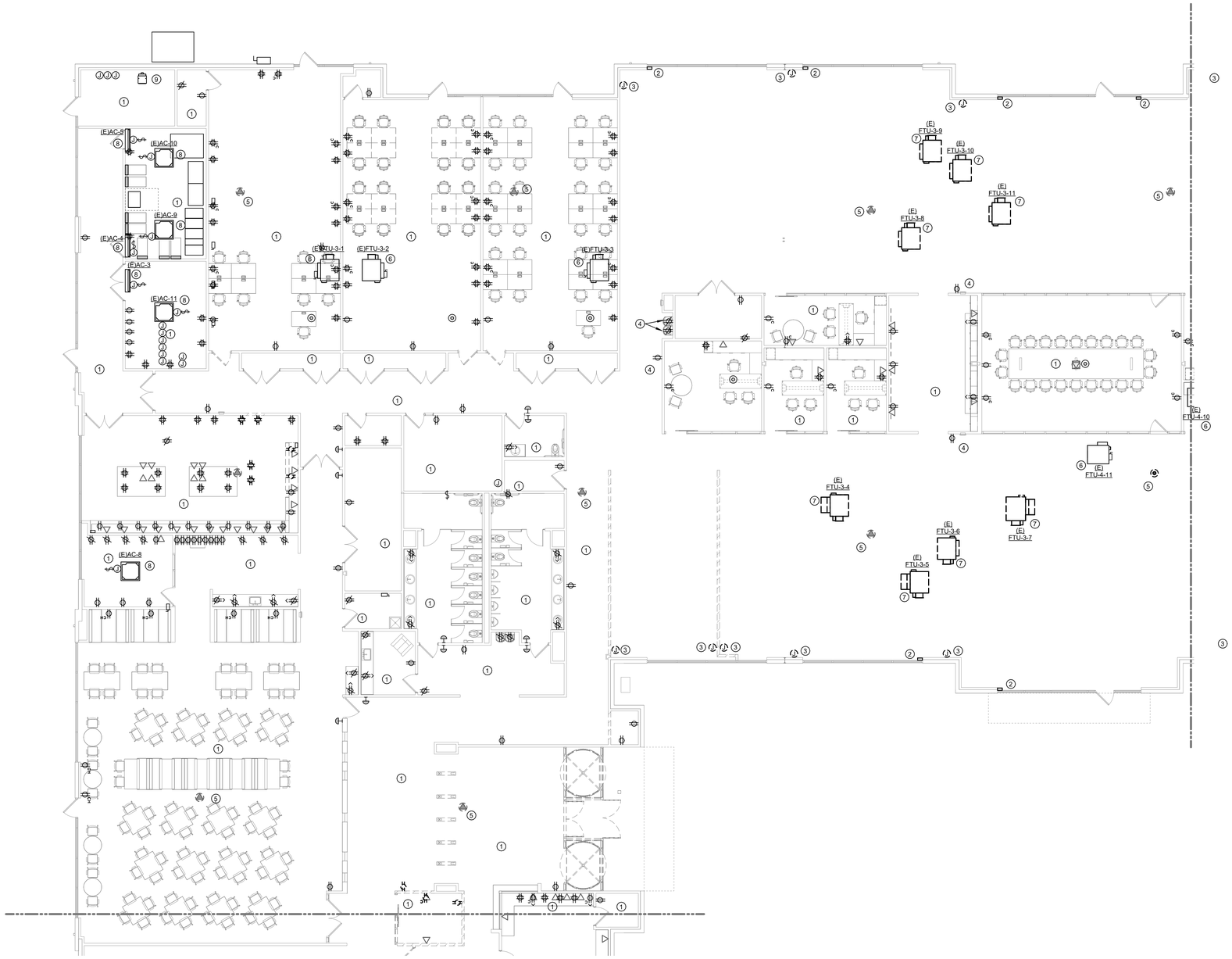
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1ST FLOOR POWER DEMO PLAN - AREA B
ED-101B

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DEMO POWER PLAN GENERAL NOTES:

1. DEMOLISHED ELECTRICAL FIXTURES, ELECTRICAL EQUIPMENT AND OTHER ELECTRICAL ITEMS ARE PROPERTY OF THE OWNER. OWNER RETAINS SALVAGE RIGHTS TO DEMOLISHED ITEMS. UNLESS NOTED OTHERWISE,ALL EXISTING ELECTRICAL EQUIPMENT AND DEVICES IN ROOMS ARE EXISTING TO REMAIN.
2. ANY EXISTING ELECTRICAL EQUIPMENT OR DEVICES ON DEMOLISHED WALL SHALL BE REINSTALLED OR RELOCATED PER OWNER PREFERENCE.

KEYED NOTES:

1. EXISTING ELECTRICAL FIXTURE AND POWER SHALL REMAIN IN THIS ROOM.
2. DEMOLISH APPROXIMATE LOCATION OF EXISTING DUAL CHANNEL RACEWAY SYSTEM WITH POWER AND COMMUNICATION FOR MODULAR FURNITURE. CIRCUIT CONDUIT AND CONDUCTORS SHALL BE DEMOLISH BACK TO PANEL. UNLESS NOTED OTHERWISE.
3. DEMOLISH APPROXIMATE LOCATION OF EXISTING WALL FURNITURE FEED. CIRCUIT CONDUIT AND CONDUCTORS SHALL BE DEMOLISH BACK TO PANEL. UNLESS NOTED OTHERWISE
4. EXISTING ELECTRICAL FIXTURE AND POWER TO REMAIN.
5. DEMOLISHED APPROXIMATE LOCATION OF EXISTING FLOOR BOX WITH POWER AND COMMUNICATION FOR MODULAR FURNITURE. CIRCUIT CONDUIT AND CONDUCTORS SHALL BE DEMOLISH BACK TO PANEL. UNLESS NOTED OTHERWISE.
6. EXISTING FAN POWERED TERMINAL UNIT TO REMAIN. CONTRACTOR SHALL VERIFY EXACT LOCATION AND ENSURE THAT ELECTRICAL CIRCUIT IS PRESERVE. IF EXISTING CIRCUIT OR MATERIAL ASSOCIATED WITH CIRCUIT IS DAMAGED THEN IT IS THE CONTRACTORS RESPONSIBILITY TO REPAIR AND MAINTAIN POWER TO EQUIPMENT.
7. EXISTING FAN POWERED TERMINAL UNIT SHALL BE DEMOLISHED. ALL CONDUIT AND CONDUCTORS SHALL BE DEMOLISHED BACK TO SOURCE PANEL.
8. EXISTING DUCTLESS DX SPLIT SYSTEM INDOOR UNIT TO REMAIN. CONTRACTOR SHALL VERIFY EXACT LOCATION AND ENSURE THAT ELECTRICAL CIRCUIT IS PRESERVE. IF EXISTING CIRCUIT OR MATERIAL ASSOCIATED WITH CIRCUIT IS DAMAGED THEN IT IS THE CONTRACTORS RESPONSIBILITY TO REPAIR AND MAINTAIN POWER TO EQUIPMENT.
9. EXISTING ELECTRIC UNIT HEATER TO REMAIN. CONTRACTOR SHALL VERIFY EXACT LOCATION AND ENSURE THAT ELECTRICAL CIRCUIT IS PRESERVE. IF EXISTING CIRCUIT OR MATERIAL ASSOCIATED WITH CIRCUIT IS DAMAGED THEN IT IS THE CONTRACTORS RESPONSIBILITY TO REPAIR AND MAINTAIN POWER TO EQUIPMENT.

1 **1ST FLOOR POWER DEMO PLAN - AREA B**
SCALE: 1/8" = 1'-0"

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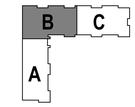
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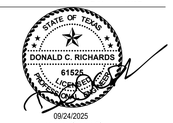
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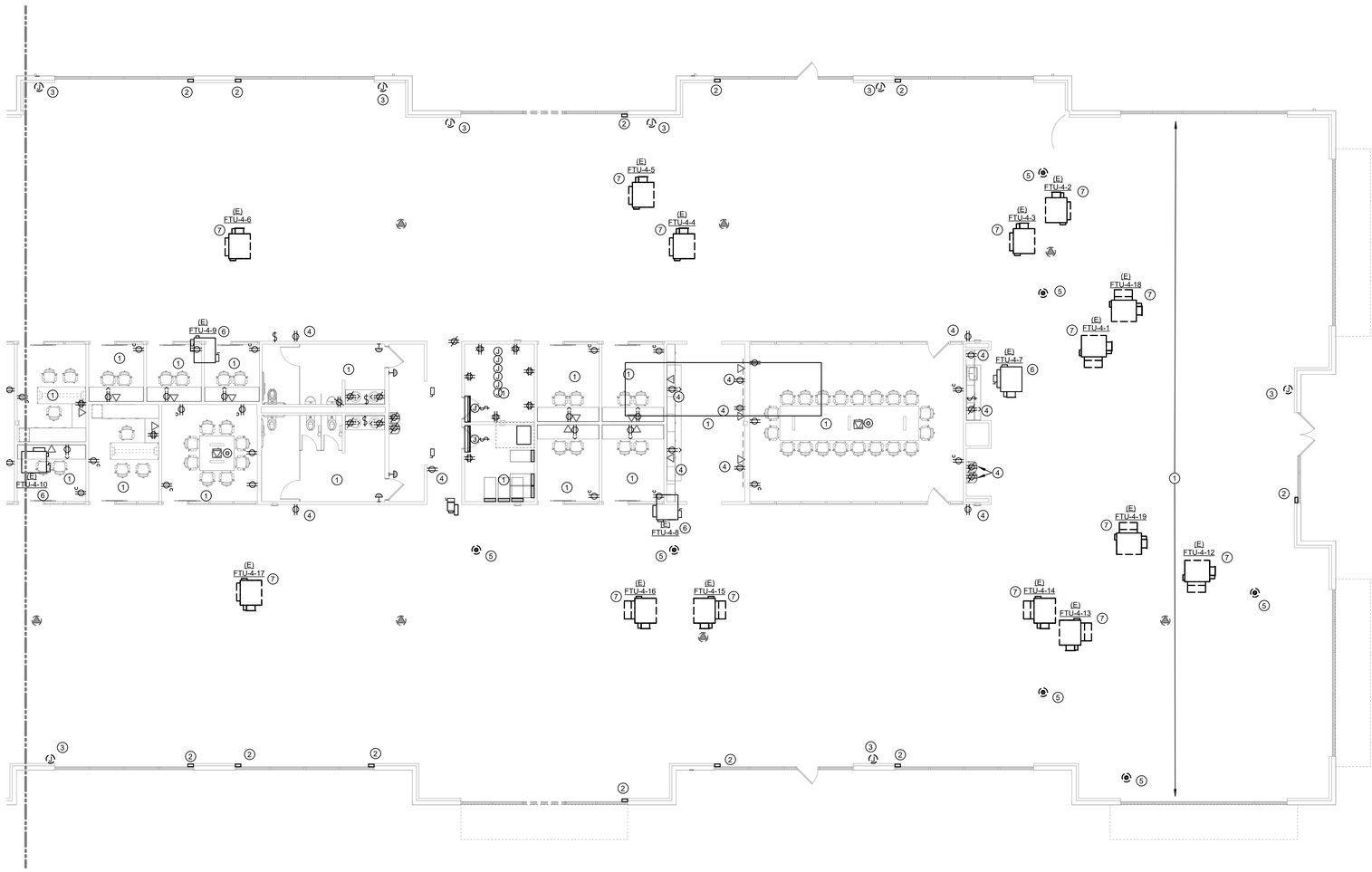
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1ST FLOOR POWER DEMO PLAN - AREA C
ED-101C

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DEMO POWER PLAN GENERAL NOTES:

1. DEMOLISHED ELECTRICAL FIXTURES, ELECTRICAL EQUIPMENT AND OTHER ELECTRICAL ITEMS ARE PROPERTY OF THE OWNER. OWNER RETAINS SALVAGE RIGHTS TO DEMOLISHED ITEMS. UNLESS NOTED OTHERWISE,ALL EXISTING ELECTRICAL EQUIPMENT AND DEVICES IN ROOMS ARE EXISTING TO REMAIN.
2. ANY EXISTING ELECTRICAL EQUIPMENT OR DEVICES ON DEMOLISHED WALL SHALL BE REINSTALLED OR RELOCATED PER OWNER PREFERENCE.

KEYED NOTES:

1. EXISTING ELECTRICAL FIXTURE AND POWER SHALL REMAIN IN THIS ROOM.
2. DEMOLISH APPROXIMATE LOCATION OF EXISTING DUAL CHANNEL RACEWAY SYSTEM WITH POWER AND COMMUNICATION FOR MODULAR FURNITURE. CIRCUIT CONDUIT AND CONDUCTORS SHALL BE DEMOLISH BACK TO PANEL. UNLESS NOTED OTHERWISE.
3. DEMOLISH APPROXIMATE LOCATION OF EXISTING WALL FURNITURE FEED. CIRCUIT CONDUIT AND CONDUCTORS SHALL BE DEMOLISH BACK TO PANEL. UNLESS NOTED OTHERWISE
4. EXISTING ELECTRICAL FIXTURE AND POWER TO REMAIN.
5. DEMOLISHED APPROXIMATE LOCATION OF EXISTING FLOOR BOX WITH POWER AND COMMUNICATION FOR MODULAR FURNITURE. CIRCUIT CONDUIT AND CONDUCTORS SHALL BE DEMOLISH BACK TO PANEL. UNLESS NOTED OTHERWISE.
6. EXISTING FAN POWERED TERMINAL UNIT TO REMAIN. CONTRACTOR SHALL VERIFY EXACT LOCATION AND ENSURE THAT ELECTRICAL CIRCUIT IS PRESERVE. IF EXISTING CIRCUIT OR MATERIAL ASSOCIATED WITH CIRCUIT IS DAMAGED THEN IT IS THE CONTRACTORS RESPONSIBILITY TO REPAIR AND MAINTAIN POWER TO EQUIPMENT.
7. EXISTING FAN POWERED TERMINAL UNIT SHALL BE DEMOLISHED. ALL CONDUIT AND CONDUCTORS SHALL BE DEMOLISHED BACK TO SOURCE PANEL.

1 **1ST FLOOR POWER DEMO PLAN - AREA C**
SCALE: 1/8" = 1'-0"

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09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

1ST FLOOR POWER DEMO PLAN - AREA C

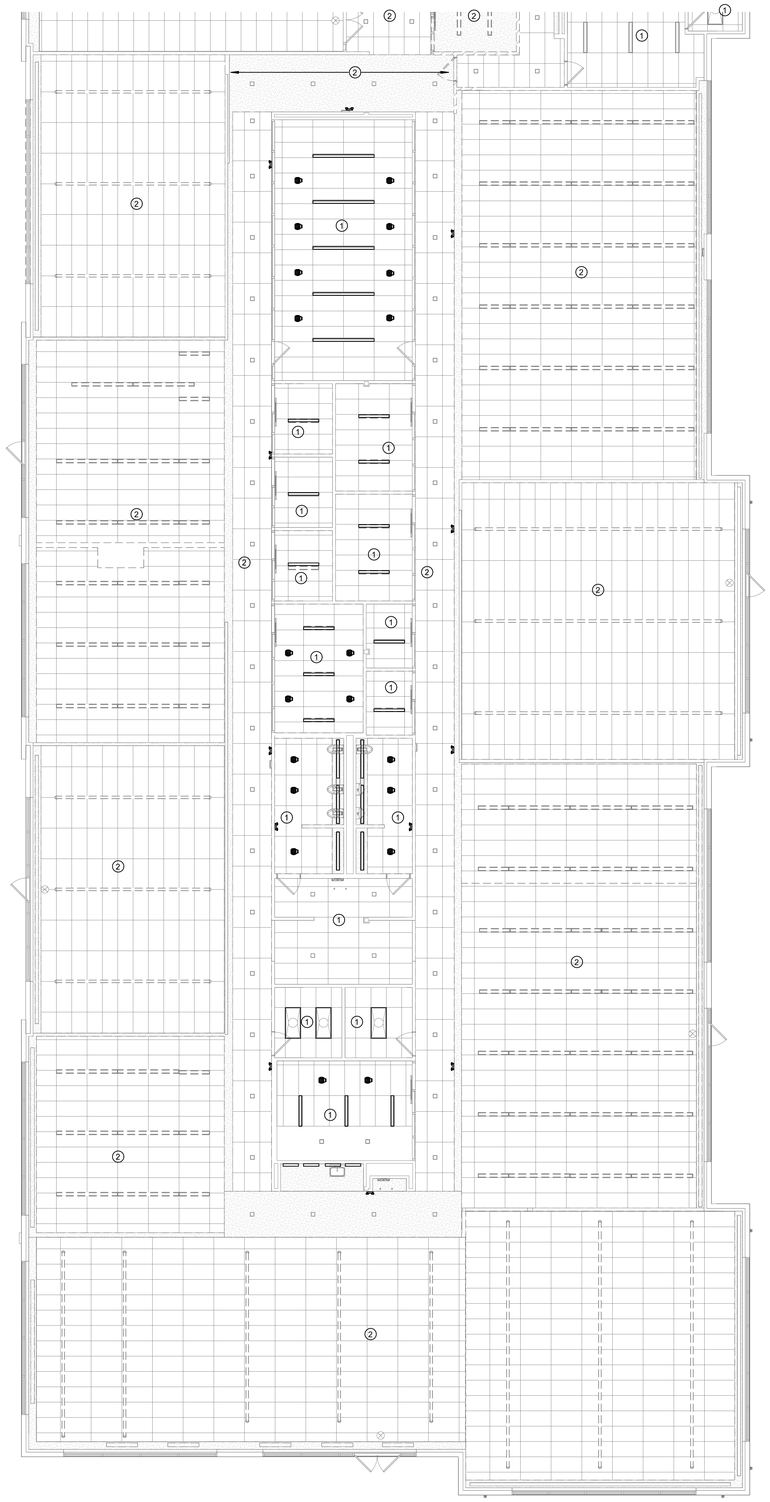
ED-101C

Plot Stamp:
9/24/2025 1:12:47 AM

0"

1"

1ST FLOOR LIGHTING DEMO PLAN - AREA A
ED-201A
FOR BLUEBEAM LABELING/DOOR:



DEMO LIGHTING PLAN GENERAL NOTES

1. DEMOLISHED LIGHT FIXTURES, LIGHTING CONTROL DEVICES AND OTHER LIGHTING DEVICES ARE PROPERTY OF THE OWNER. OWNER RETAINS SALVAGE RIGHTS TO DEMOLISHED ITEMS.
2. UNLESS NOTED OTHERWISE,ALL EXISTING LIGHT FIXTURES AND LIGHTING CONTROL DEVICES IN ROOMS ARE EXISTING TO REMAIN.
3. ALL LIGHTING AND CONTROLS ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE
4. ANY EXISTING LIGHTING EQUIPMENT OR DEVICES ON DEMOLISHED WALL SHALL BE REINSTALLED OR RELOCATED PER OWNER PREFERENCE.

KEYED NOTES:

(1) EXISTING LIGHTING AND CONTROLS SHALL REMAIN SHALL REMAIN IN THIS ROOM.

(2) FIXTURES AND CONTROLS SHALL BE DEMOLISHED. FIXTURES SHALL BE RETURNED TO OWNER.

1 **1ST FLOOR LIGHTING DEMO PLAN - AREA A**
SCALE: 1/8" = 1'-0"

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LEAF ENGINEERS
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SAN ANTONIO, TX 78216
210-638-7200
TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

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ALAMO COLLEGES DISTRICT

B C
A

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED
PROFESSIONAL ENGINEER

09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
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1ST FLOOR LIGHTING DEMO PLAN - AREA A

ED-201A

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0"
1"

1ST FLOOR LIGHTING DEMO PLAN - AREA B
ED-201B

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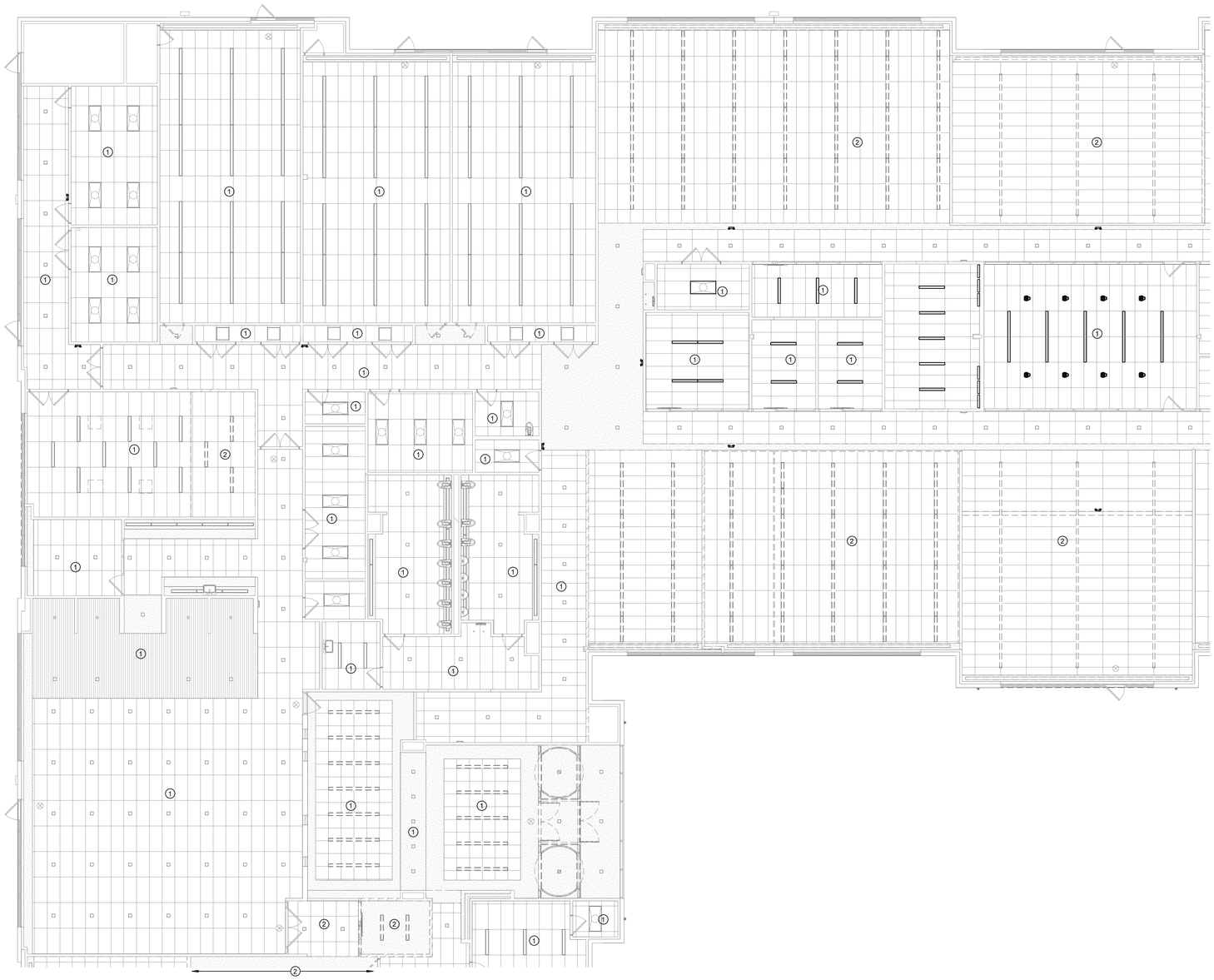
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4. ANY EXISTING LIGHTING EQUIPMENT OR DEVICES ON DEMOLISHED WALL SHALL BE REINSTALLED OR RELOCATED PER OWNER PREFERENCE.

KEYED NOTES:

(1) EXISTING LIGHTING AND CONTROLS SHALL REMAIN SHALL REMAIN IN THIS ROOM.

(2) FIXTURES AND CONTROLS SHALL BE DEMOLISHED. FIXTURES SHALL BE RETURNED TO OWNER.



1 **1ST FLOOR LIGHTING DEMO PLAN - AREA B**
SCALE: 1/8" = 1'-0"

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

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KEY PLAN

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STATE OF TEXAS
DONALD C. RICHARDS
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PROFESSIONAL ENGINEER

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F-18672

CLIENT	
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DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

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DRAWN BY: Author

1ST FLOOR LIGHTING DEMO PLAN - AREA B

ED-201B

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9/24/2025 1:12:54 AM

0"

1"

1ST FLOOR LIGHTING DEMO PLAN - AREA C
ED-201C
FOR BLUEBEAM LABELING/DOOR:

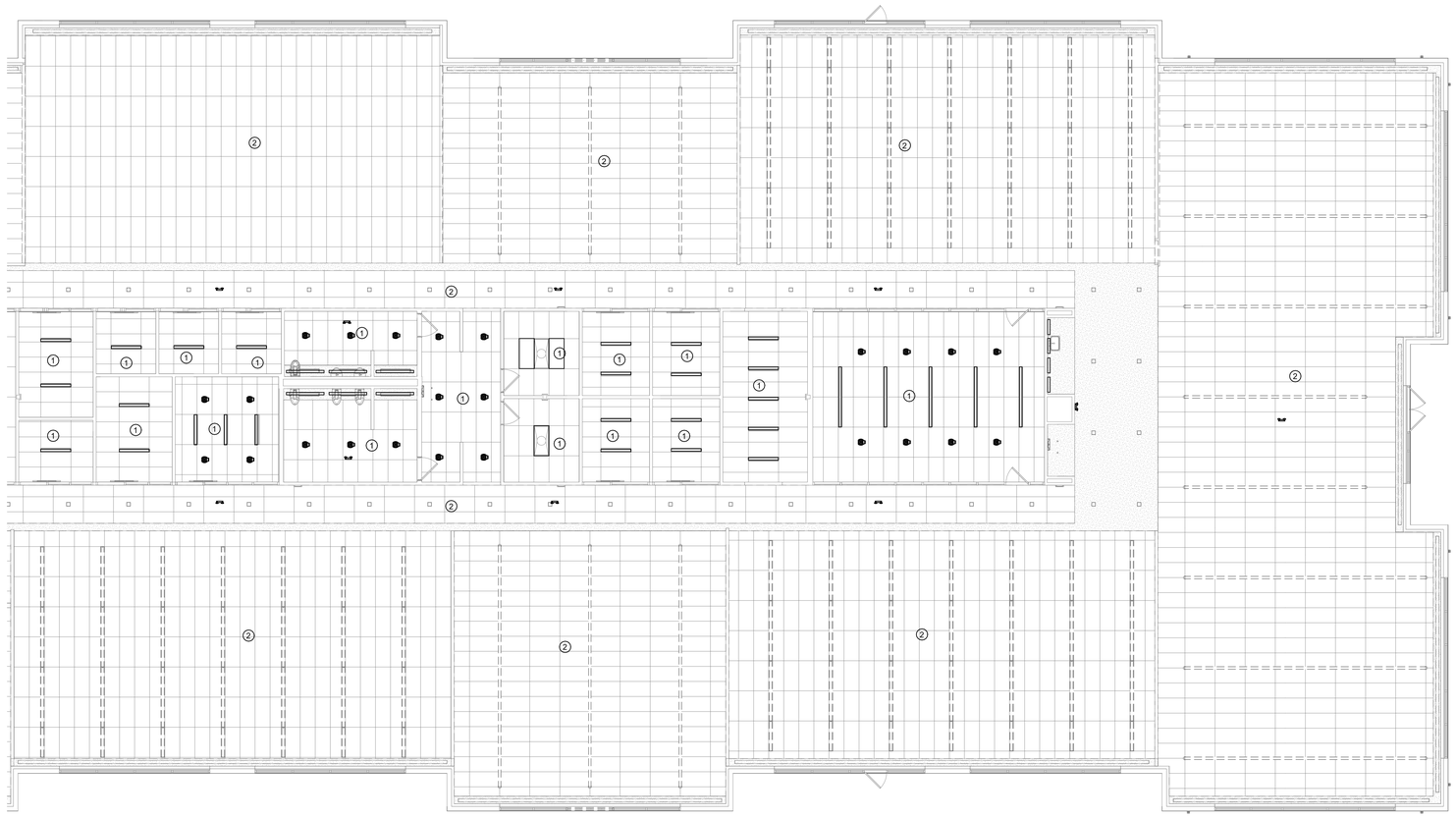
DEMO LIGHTING PLAN GENERAL NOTES

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3. ALL LIGHTING AND CONTROLS ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE
4. ANY EXISTING LIGHTING EQUIPMENT OR DEVICES ON DEMOLISHED WALL SHALL BE REINSTALLED OR RELOCATED PER OWNER PREFERENCE.

KEYED NOTES:

(1) EXISTING LIGHTING AND CONTROLS SHALL REMAIN SHALL REMAIN IN THIS ROOM.

(2) FIXTURES AND CONTROLS SHALL BE DEMOLISHED. FIXTURES SHALL BE RETURNED TO OWNER.



1 1ST FLOOR LIGHTING DEMO PLAN - AREA C
SCALE: 1/8" = 1'-0"

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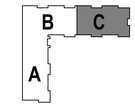
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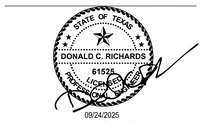
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ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN TRUE



09/24/2025
LEAF ENGINEERS
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DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

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1ST FLOOR LIGHTING DEMO PLAN - AREA C

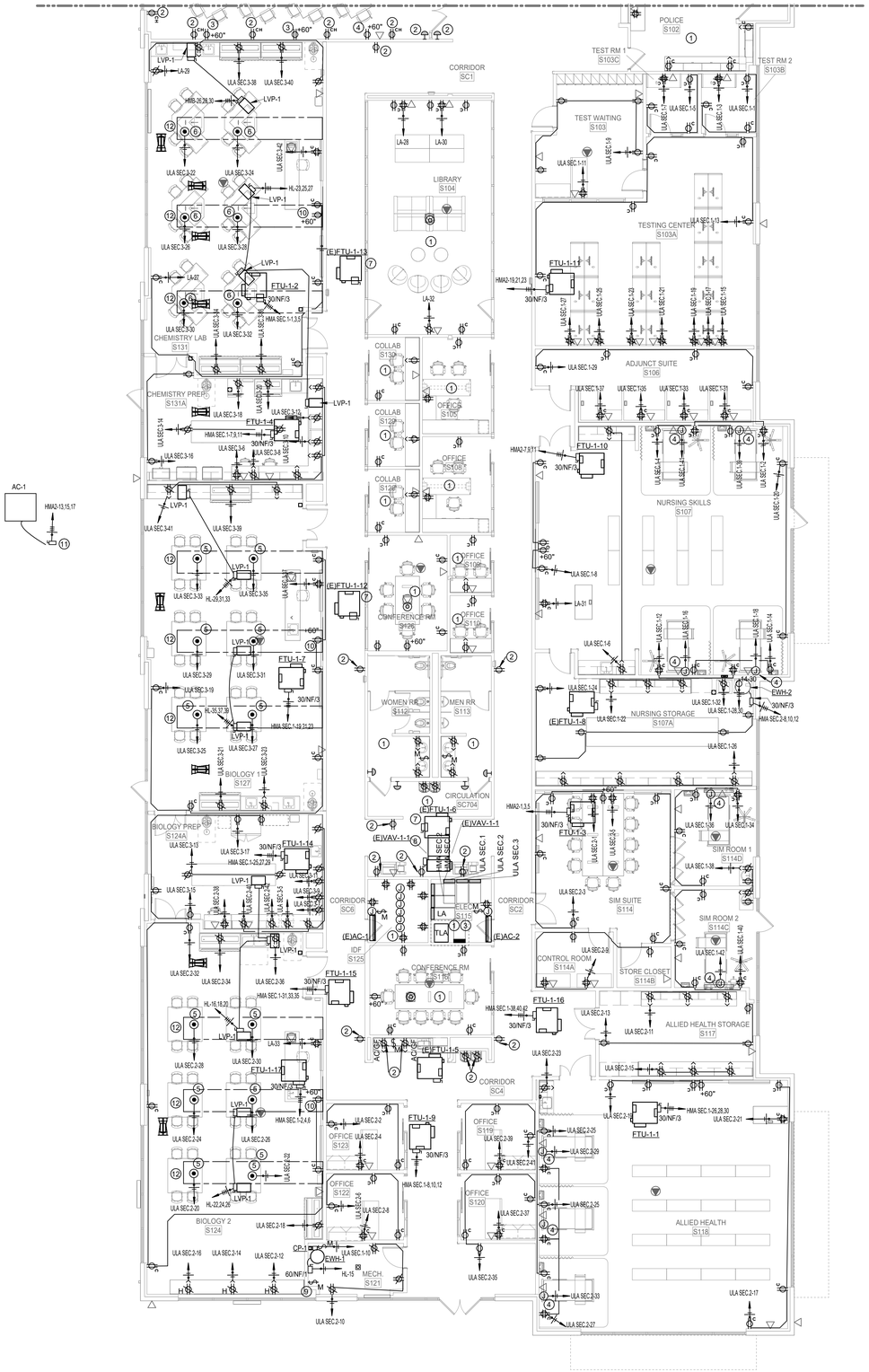
ED-201C

Plot Stamp:
9/24/2025 1:12:58 AM

1ST FLOOR POWER PLAN - AREA A
E-101A

FOR BLUEBEAM LABELING/DOOR:

0"
1"


CORRIDOR SC1
POLICE S102
TEST RM 1 S103C
TEST RM 2 S103B
TEST WAITING S103
LIBRARY S104
TESTING CENTER S103A
ADJUNCT SUITE S106
COLLAB S130
COLLAB S129
COLLAB S128
OFFICE S105
OFFICE S108
OFFICE S109
CONFERENCE RM S126
OFFICE S110
WOMEN RR S112
MEN RR S113
CIRCULATION SC704
CHEMISTRY LAB S131
CHEMISTRY PREP S131A
BIOLOGY S127
BIOLOGY PREP S124A
BIOLOGY 2 S124
CORRIDOR SC6
CORRIDOR SC2
CORRIDOR SC4
ELEC. S115
IDF S125
CONFERENCE RM S116
OFFICE S123
OFFICE S122
OFFICE S119
OFFICE S120
MECH. S121
NURSING SKILLS S107
NURSING STORAGE S107A
SIM ROOM 1 S114D
SIM SUITE S114
SIM ROOM 2 S114C
CONTROL ROOM S114A
STORE CLOSET S114B
ALLIED HEALTH STORAGE S117
ALLIED HEALTH S118
AC-1
HMA3-13,15,17
(E)FTU-1-13
(E)FTU-1-12
(E)FTU-1-6
(E)FTU-1-5
(E)FTU-1-8
(E)VAV-1-1
(E)AC-1
(E)AC-2
FTU-1-2
FTU-1-7
FTU-1-14
FTU-1-15
FTU-1-12
FTU-1-9
FTU-1-16
FTU-1-1
FTU-1-3
FTU-1-10
FTU-1-11
LVP-1
EWH-1
EWH-2
CP-1
HMA2-19,21,23
HMA2-7,9,11
HMA2-1,3,5
HMA3-7,9,11
HMA SEC.1-7,9,11
HMA SEC.1-13,15
HMA SEC.1-19,21,23
HMA SEC.1-31,33,35
HMA SEC.1-2,4,6
HMA SEC.1-8,10,12
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HL-37,39,41
HL-16,18,20
HL-22,24,26
HL-15
LA-28
LA-30
LA-32
LA-33
LA-31
LA-29
LA-27
ULA SEC.3-38
ULA SEC.3-40
ULA SEC.3-42
ULA SEC.3-44
ULA SEC.3-22
ULA SEC.3-24
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ULA SEC.3-28
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ULA SEC.3-36
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ULA SEC.3-20
ULA SEC.3-41
ULA SEC.3-39
ULA SEC.3-37
ULA SEC.3-35
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ULA SEC.3-31
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ULA SEC.3-23
ULA SEC.3-21
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ULA SEC.3-17
ULA SEC.3-15
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ULA SEC.1-68
ULA SEC.1-70
ULA

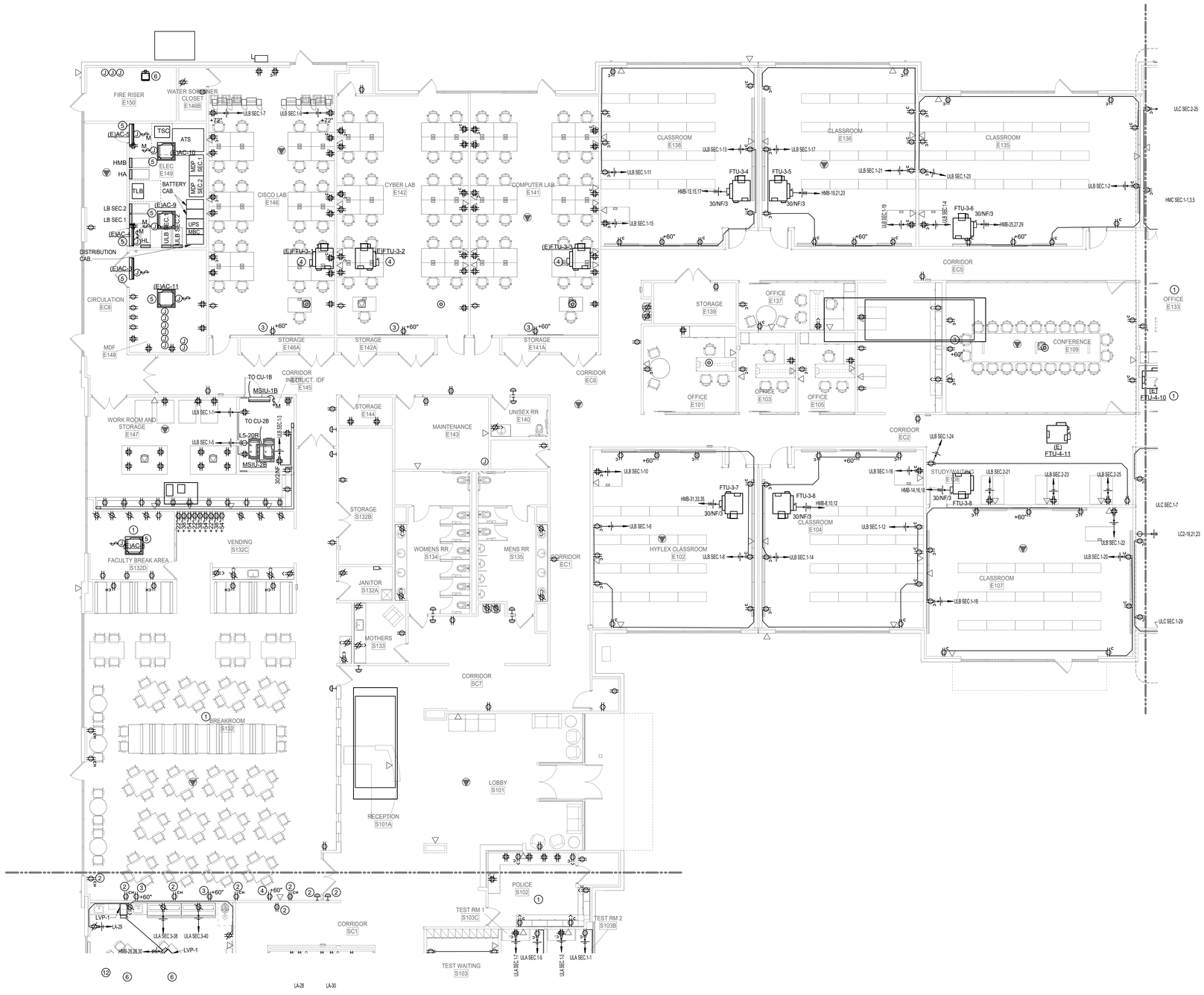
1ST FLOOR POWER PLAN - AREA B
E-101B

FOR BLUEBEAM LABELING/DOOR:

0"
1"

KEYED NOTES

1. APPROXIMATE LOCATION OF EXISTING DUAL CHANNEL RACEWAY SYSTEM WITH POWER AND COMMUNICATION FOR MODULAR FURNITURE.
2. APPROXIMATE LOCATION OF EXISTING WALL FURNITURE FEED.
3. APPROXIMATE LOCATION OF EXISTING TELEVISION.
4. EXISTING FAN POWERED TERMINAL UNIT TO REMAIN. CONTRACTOR SHALL VERIFY EXACT LOCATION AND ENSURE THAT ELECTRICAL CIRCUIT IS PRESERVE. IF EXISTING CIRCUIT OR MATERIAL ASSOCIATED WITH CIRCUIT IS DAMAGED THEN IT IS THE CONTRACTORS RESPONSIBILITY TO REPAIR AND MAINTAIN POWER TO EQUIPMENT.
5. EXISTING DUCTLESS DX SPLIT SYSTEM INDOOR UNIT TO REMAIN. CONTRACTOR SHALL VERIFY EXACT LOCATION AND ENSURE THAT ELECTRICAL CIRCUIT IS PRESERVE. IF EXISTING CIRCUIT OR MATERIAL ASSOCIATED WITH CIRCUIT IS DAMAGED THEN IT IS THE CONTRACTORS RESPONSIBILITY TO REPAIR AND MAINTAIN POWER TO EQUIPMENT.
6. EXISTING ELECTRIC UNIT HEATER TO REMAIN. CONTRACTOR SHALL VERIFY EXACT LOCATION AND ENSURE THAT ELECTRICAL CIRCUIT IS PRESERVE. IF EXISTING CIRCUIT OR MATERIAL ASSOCIATED WITH CIRCUIT IS DAMAGED THEN IT IS THE CONTRACTORS RESPONSIBILITY TO REPAIR AND MAINTAIN POWER TO EQUIPMENT.



1 **1ST FLOOR POWER PLAN - AREA B**
SCALE: 1/8" = 1'-0"

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SAN ANTONIO, TX 78216
210-638-7200
TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED PROFESSIONAL ENGINEER
09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

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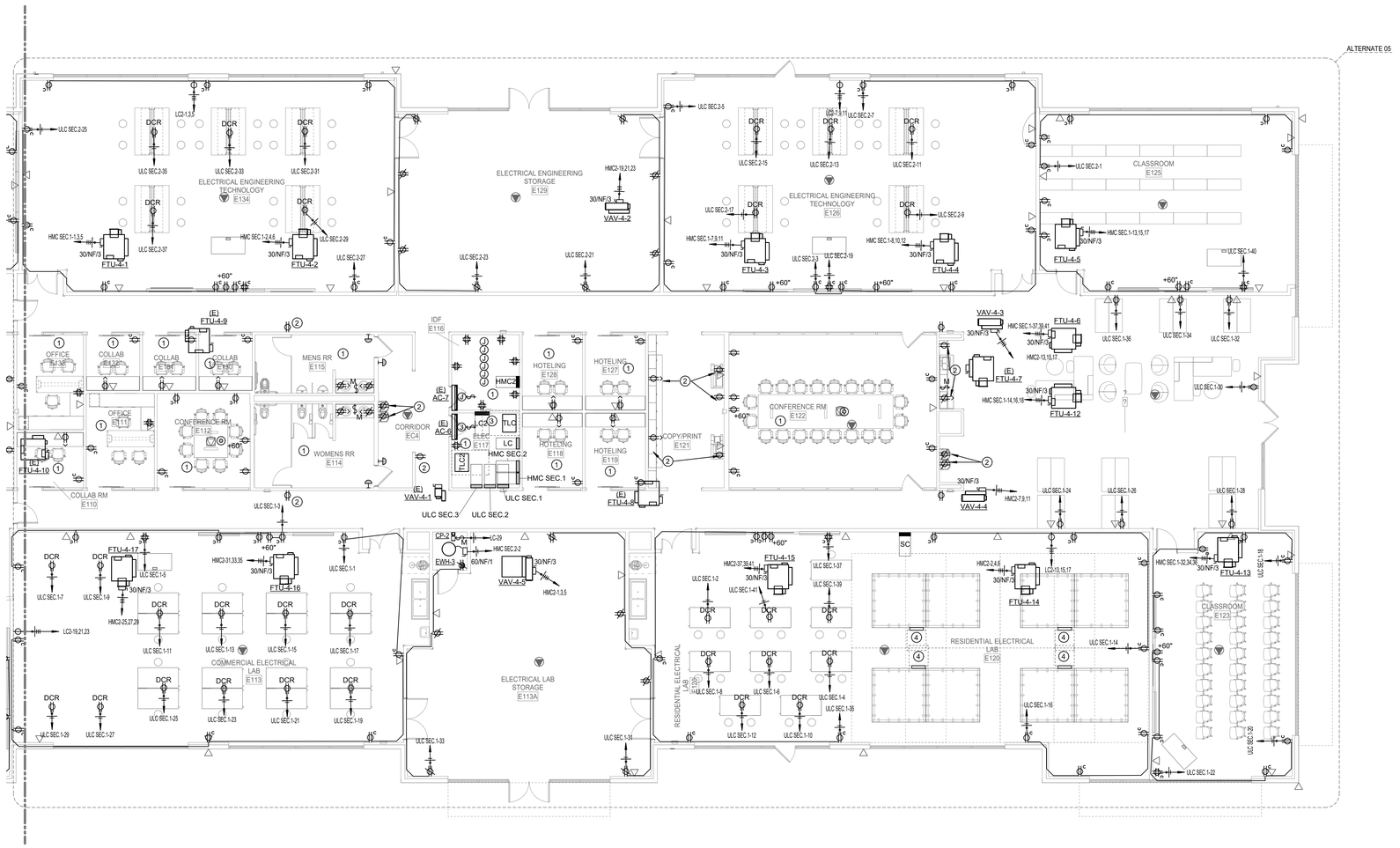
CHECKED BY: Checker
DRAWN BY: Author

1ST FLOOR POWER PLAN - AREA B

E-101B

0"
1"

1ST FLOOR POWER PLAN - AREA C
E-101C
FOR BLUEBEAM LABELING/DOOR:



ALTERNATE 05 - DEDUCTIVE ALTERNATE, AREA C

BASE BID: AREA C TO BE BUILT OUT AS SHOWN IN DRAWINGS

ALTERNATE: AREA TO BE LEFT AS A SHELL SPACE. REFERENCE "ALTERNATE NOTES" ON THIS SHEET.

ALTERNATE NOTES:

AREA SHALL BE SHELL SPACE ALL ELECTRICAL EQUIPMENT AND DEVICES SHALL BE DEMOLISHED BACK TO SOURCE PANEL.

KEYED NOTES

1. EXISTING ELECTRICAL FIXTURE AND POWER SHALL REMAIN IN THIS ROOM. UNLESS NOTED OTHERWISE.
2. EXISTING ELECTRICAL FIXTURE AND POWER TO REMAIN.
3. EXISTING ELECTRICAL EQUIPMENT SHALL REMAIN IN THIS ROOM. UNLESS NOTED OTHERWISE.
4. NEW 100A 240V/1PH PANEL

1 **1ST FLOOR POWER PLAN - AREA C**
SCALE: 1/8" = 1'-0"

Plot Stamp:
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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

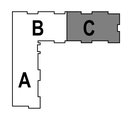
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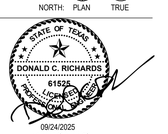
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ALAMO COLLEGES DISTRICT

KEY PLAN



NORTH: PLAN TRUE



09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
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1ST FLOOR POWER PLAN - AREA C

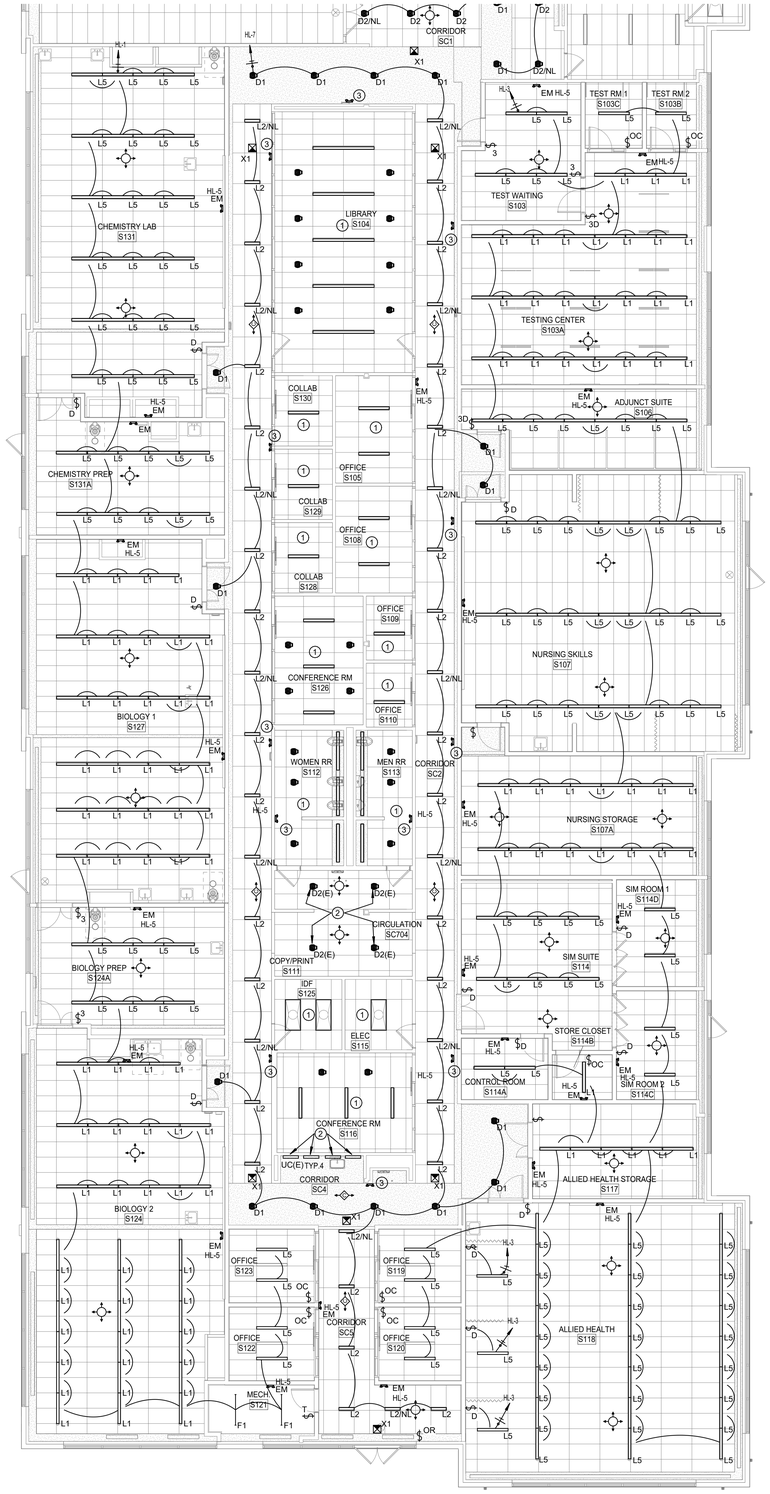
E-101C

0"

1"

1ST FLOOR LIGHTING PLAN - AREA A
E-201A

FOR BLUEBEAM LABELING/DOOR:



LIGHTING PLAN GENERAL NOTES

1. REFER TO ARCHITECT'S REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF ALL LIGHTING FIXTURES.
2. UNLESS OTHERWISE NOTED, ALL 2X4'S ARE TYPE "A", ALL EXIT SIGNS ARE TYPE "X".
3. PROVIDE 20A EMERGENCY LIGHTING BRANCH CIRCUIT(S), 2#10, 1#10G, 3/4"C FROM EMERGENCY PANEL. PROVIDE CONNECTION TO ALL 277V FIXTURES DESIGNATED FOR USE AS EMERGENCY IN THIS AREA. PROVIDE EMERGENCY AUTOMATIC TRANSFER DEVICES FOR ALL LIGHT FIXTURES SHOWN TO BE ON EMERGENCY. PROVIDE 20A UNSWITCHED BRANCH CIRCUIT (2#12, 1#12G, 3/4"C) FROM EMERGENCY PANEL TO ALL EXIT SIGNS IN THIS AREA, SEE PANEL SCHEDULE FOR CIRCUIT NUMBER(S).
4. UNLESS OTHERWISE NOTED, TWO SWITCHES SIDE-BY-SIDE INDICATES MULTI-LEVEL SWITCHING. PROVIDE ONE-PIECE COVER PLATE FOR LIGHT SWITCHES. DESIGNATION NEXT TO SWITCHES INDICATES BRANCH CIRCUIT NUMBER. PROVIDE CONNECTION TO ALL FIXTURES IN THE ROOM.
5. PROVIDE A COMPLETE AND OPERATIONAL SYSTEM OF OCCUPANCY SENSORS FOR ON/OFF CONTROL OF ALL LIGHT FIXTURES INCLUDING BUT NOT LIMITED TO POWER PACKS, WIRING, ETC. RE: DIVISION 26 SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEYED NOTES:

1. EXISTING LIGHTING AND CONTROLS SHALL REMAIN SHALL REMAIN IN THIS ROOM.
2. EXISTING FIXTURE TO REMAIN AND BE CIRCUITED TO NEW CORRIDOR LIGHTING.
3. EXISTING BUG EYE FIXTURE SHALL REMAIN.

1 **1ST FLOOR LIGHTING PLAN - AREA A**
SCALE: 1/8" = 1'-0"

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2049 SUNDANCE PARKWAY
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ALAMO COLLEGES DISTRICT

B C
A

KEY PLAN
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STATE OF TEXAS
DONALD C. RICHARDS
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LICENSED PROFESSIONAL ENGINEER
09/24/2025
LEAF ENGINEERS
F-18672

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1ST FLOOR LIGHTING PLAN - AREA A

E-201A

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1ST FLOOR LIGHTING PLAN - AREA B
E-201B

FOR BLUEBEAM LABELING/DOOR:

0"
1"



LIGHTING PLAN GENERAL NOTES

1. REFER TO ARCHITECT'S REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF ALL LIGHTING FIXTURES.
2. UNLESS OTHERWISE NOTED, ALL 2X4'S ARE TYPE "A", ALL EXIT SIGNS ARE TYPE "X".
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4. UNLESS OTHERWISE NOTED, TWO SWITCHES SIDE-BY-SIDE INDICATES MULTI-LEVEL SWITCHING. PROVIDE ONE-PIECE COVER PLATE FOR LIGHT SWITCHES. DESIGNATION NEXT TO SWITCHES INDICATES BRANCH CIRCUIT NUMBER. PROVIDE CONNECTION TO ALL FIXTURES IN THE ROOM.
5. PROVIDE A COMPLETE AND OPERATIONAL SYSTEM OF OCCUPANCY SENSORS FOR ON/OFF CONTROL OF ALL LIGHT FIXTURES INCLUDING BUT NOT LIMITED TO POWER PACKS, WIRING, ETC. RE: DIVISION 26 SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEYED NOTES:

1. EXISTING LIGHTING AND CONTROLS SHALL REMAIN SHALL REMAIN IN THIS ROOM.
2. EXISTING BUG EYE FIXTURE SHALL REMAIN.
3. TIE TO EXISTING CIRCUIT HB-12.

1 **1ST FLOOR LIGHTING PLAN - AREA B**
SCALE: 1/8" = 1'-0"

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NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

KEY PLAN

NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED PROFESSIONAL ENGINEER
09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

1ST FLOOR LIGHTING PLAN - AREA B

E-201B

Plot Stamp:
9/24/2025 1:11:23 AM

0"

1"

1ST FLOOR LIGHTING PLAN - AREA C
E-201C

FOR BLUEBEAM LABELING/DOOR:



ALTERNATE 05 - DEDUCTIVE ALTERNATE, AREA C

BASE BID: AREA C TO BE BUILT OUT AS SHOWN IN DRAWINGS

ALTERNATE: AREA TO BE LEFT AS A SHELL SPACE. REFERENCE "ALTERNATE NOTES" ON THIS SHEET.

ALTERNATE NOTES:

AREA SHALL BE SHELL SPACE ALL LIGHTING EXCEPT EMERGENCY BUG EYES AND EMERGENCY FIXTURES SHALL REMAIN. CONTROLS AND CIRCUITS FOR THESE FIXTURES SHALL REMAIN.

LIGHTING PLAN GENERAL NOTES

1. REFER TO ARCHITECT'S REFLECTED CEILING PLAN FOR EXACT LOCATIONS OF ALL LIGHTING FIXTURES.
2. UNLESS OTHERWISE NOTED, ALL 2X4'S ARE TYPE "A", ALL EXIT SIGNS ARE TYPE "X".
3. PROVIDE 20A EMERGENCY LIGHTING BRANCH CIRCUIT(S), 2#10, 1# 10G, 3/4"C FROM EMERGENCY PANEL. PROVIDE CONNECTION TO ALL 277V FIXTURES DESIGNATED FOR USE AS EMERGENCY IN THIS AREA. PROVIDE EMERGENCY AUTOMATIC TRANSFER DEVICES FOR ALL LIGHT FIXTURES SHOWN TO BE ON EMERGENCY. PROVIDE 20A UNSWITCHED BRANCH CIRCUIT (2#12, 1#12G, 3/4"C) FROM EMERGENCY PANEL TO ALL EXIT SIGNS IN THIS AREA. SEE PANEL SCHEDULE FOR CIRCUIT NUMBER(S).
4. UNLESS OTHERWISE NOTED, TWO SWITCHES SIDE-BY-SIDE INDICATES MULTI-LEVEL SWITCHING. PROVIDE ONE-PIECE COVER PLATE FOR LIGHT SWITCHES. DESIGNATION NEXT TO SWITCHES INDICATES BRANCH CIRCUIT NUMBER. PROVIDE CONNECTION TO ALL FIXTURES IN THE ROOM.
5. PROVIDE A COMPLETE AND OPERATIONAL SYSTEM OF OCCUPANCY SENSORS FOR ON/OFF CONTROL OF ALL LIGHT FIXTURES INCLUDING BUT NOT LIMITED TO POWER PACKS, WIRING, ETC. RE: DIVISION 26 SPECIFICATIONS FOR ADDITIONAL INFORMATION.

KEYED NOTES:

1. EXISTING LIGHTING AND CONTROLS SHALL REMAIN SHALL REMAIN IN THIS ROOM.
2. PROVIDE RELOCATED FIXTURES IN THIS ROOM.
3. PROVIDE NEW FIXTURES IN THIS ROOM..

1 **1ST FLOOR LIGHTING PLAN - AREA C**
SCALE: 1/8" = 1'-0"

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TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

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ALAMO COLLEGES DISTRICT

B C A

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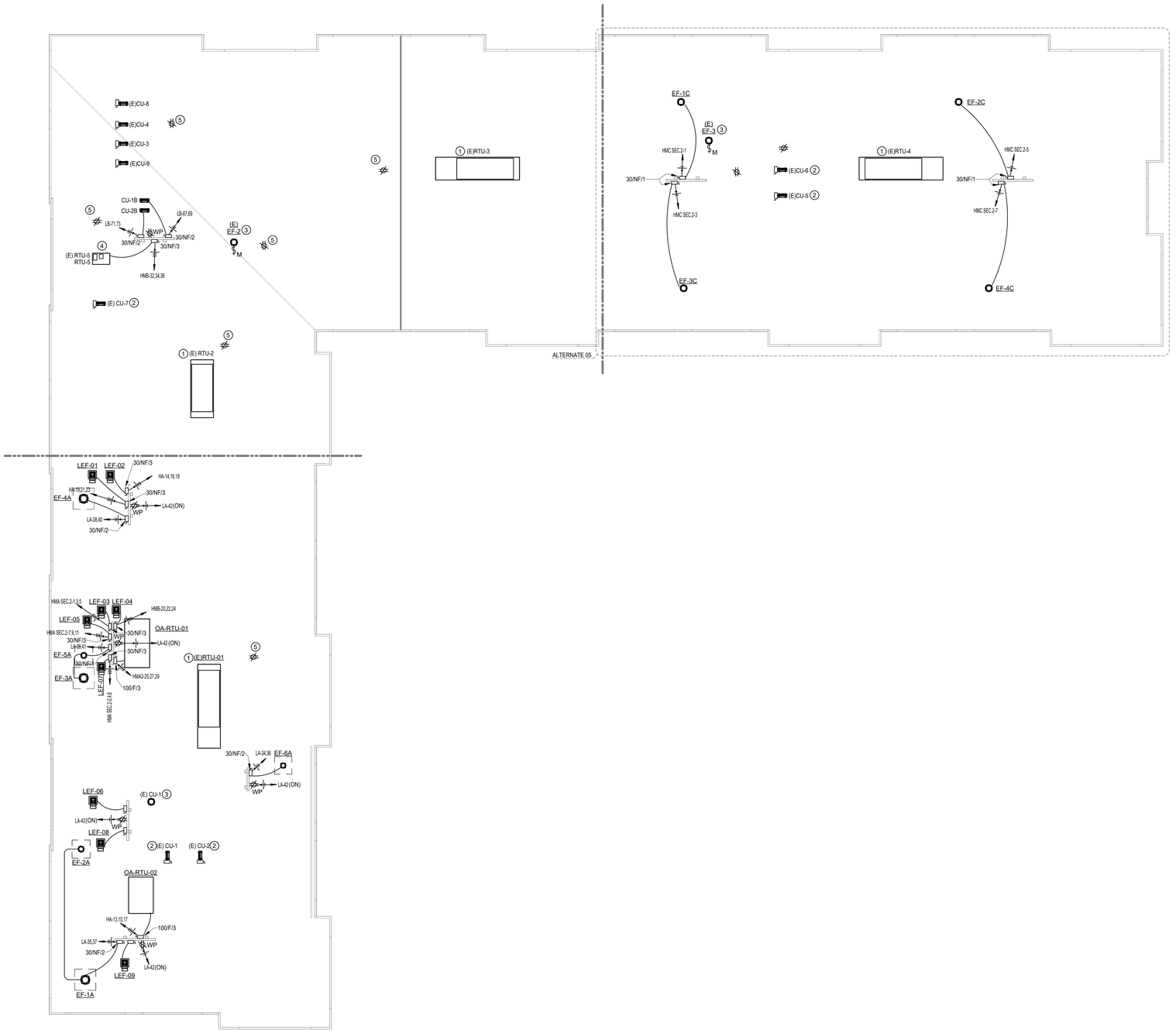
1ST FLOOR LIGHTING PLAN - AREA C

E-201C

0"

1"

ROOF PLAN - ELECTRICAL
E-301
FOR BLUEBEAM LABELING/DOOR:



ROOF PLAN GENERAL NOTES:

1. ALL ROOFTOP PENETRATIONS FOR ELECTRICAL FIXTURES AND EQUIPMENT SHALL BE COORDINATED WITH ROOF CONSULTANTS.
2. CONTRACTOR SHALL ENSURES THAT ALL RECEPTACLES SHOWN FOR EQUIPMENT ON ROOFTOP PLAN SHALL NOT EXCEED 25' PER NEC 210.63.
3. CONTRACTOR TO PROVIDE CONNECTION FROM EXHAUST FANS TO ALL MOTORIZED BACKDRAFT DAMPERS AS REQUIRED, COORDINATE WITH MECHANICAL.
4. UNLESS OTHERWISE NOTED, ALL DISCONNECT SHOWN SHALL BE 30/NF/3 DISCONNECT.

KEYED NOTES

1. EXISTING DX PACKAGED ROOFTOP UNIT TO REMAIN. CONTRACTOR SHALL VERIFY EXACT LOCATION AND ENSURE THAT ELECTRICAL CIRCUIT IS PRESERVE. IF EXISTING CIRCUIT OR MATERIAL ASSOCIATED WITH CIRCUIT IS DAMAGED THEN IT IS THE CONTRACTORS RESPONSIBILITY TO REPAIR AND MAINTAIN POWER TO EQUIPMENT.
2. EXISTING DX MINI SPLIT CONDENSING UNIT TO REMAIN. CONTRACTOR SHALL VERIFY EXACT LOCATION AND ENSURE THAT ELECTRICAL CIRCUIT IS PRESERVE. IF EXISTING CIRCUIT OR MATERIAL ASSOCIATED WITH CIRCUIT IS DAMAGED THEN IT IS THE CONTRACTORS RESPONSIBILITY TO REPAIR AND MAINTAIN POWER TO EQUIPMENT.
3. EXISTING ROOFTOP FAN TO REMAIN. CONTRACTOR SHALL VERIFY EXACT LOCATION AND ENSURE THAT ELECTRICAL CIRCUIT IS PRESERVE. IF EXISTING CIRCUIT OR MATERIAL ASSOCIATED WITH CIRCUIT IS DAMAGED THEN IT IS THE CONTRACTORS RESPONSIBILITY TO REPAIR AND MAINTAIN POWER TO EQUIPMENT.
4. EXISTING DX PACKAGED ROOFTOP UNIT TO BE DEMOLISHED AND REPLACED WITH NEW UNIT. COORDINATE EXACT POWER ROUGH-IN WITH MECHANICAL PLANS.
5. EXISTING ROOFTOP RECEPTACLES SHALL REMAIN. IF NEW RECEPTACLES ARE IN CONFLICT WITH NEW MECHANICAL EQUIPMENT THEN THAT RECEPTACLE SHALL BE DEOMLISHED.

ALTERNATE 05:

INSTALLATION OF NEW MECHANICAL AND ELECTRICAL EQUIPMENT, ELECTRICAL DEVICES AND ELECTRICAL CIRCUITS IN ENCLOSED AREA INDICATED ON PLANS.

1 ROOF PLAN - ELECTRICAL
SCALE: 1/16" = 1'-0"

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09/24/2025	250033

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ROOF PLAN - ELECTRICAL

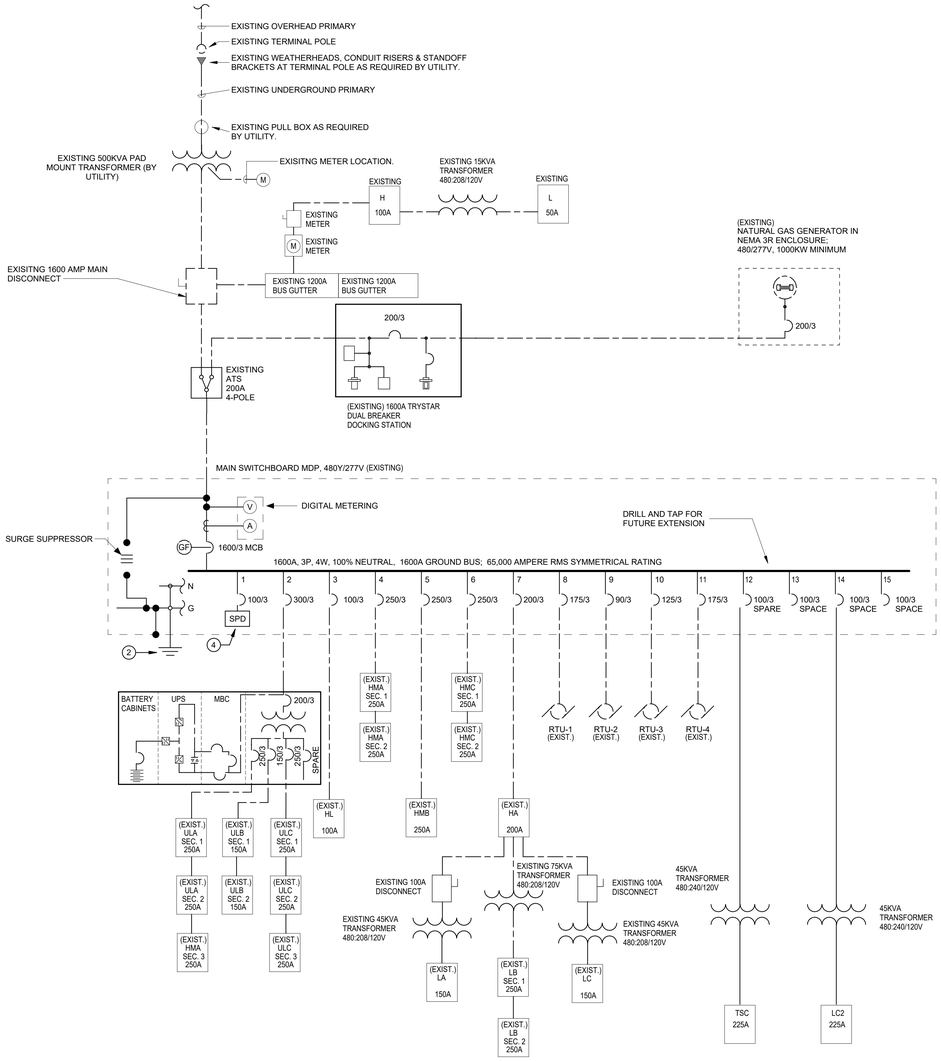
E-301

Plot Stamp:
9/24/2025 1:11:59 AM

ELECTRICAL ONE-LINE DIAGRAM
E-501

FOR BLUEBEAM LABELING/OCR:

0"
1"

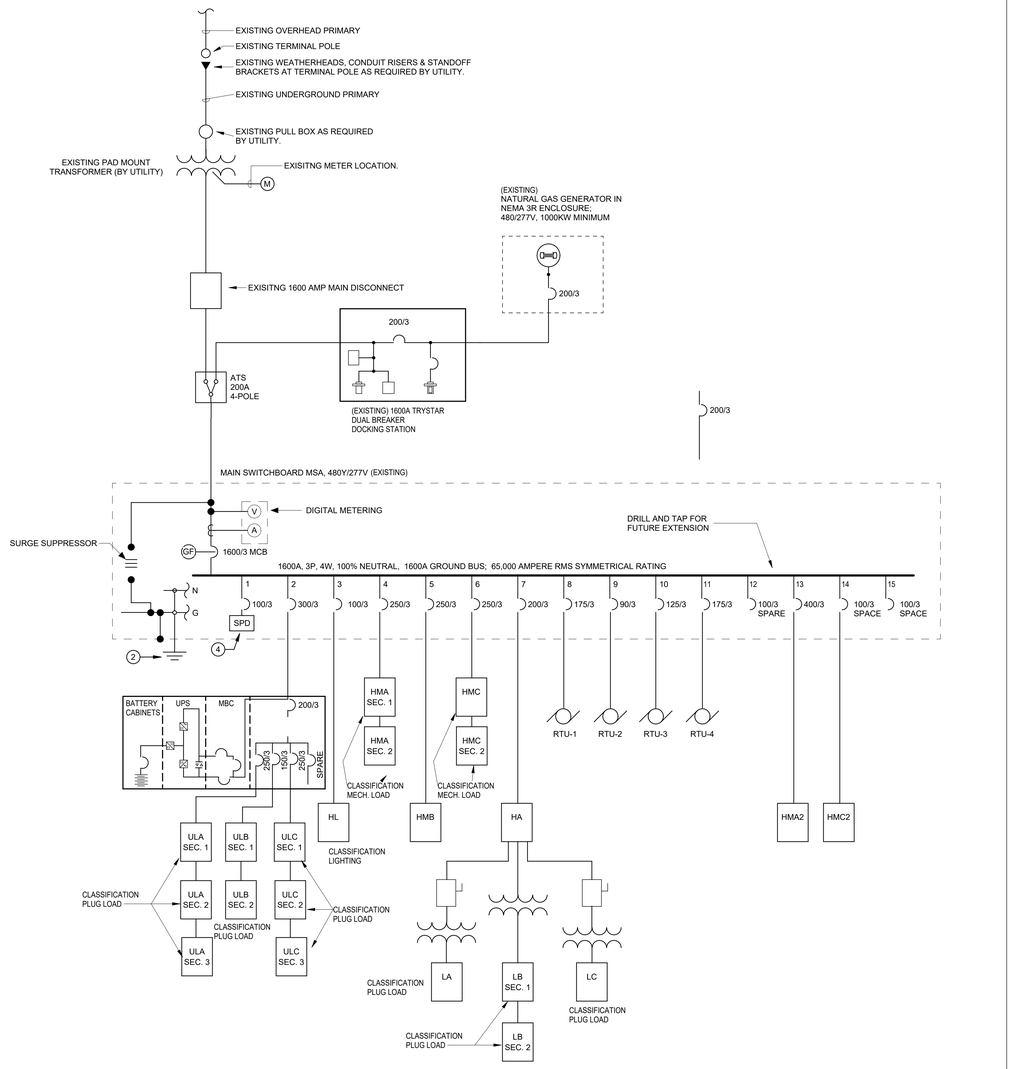


ELECTRICAL ONE-LINE DIAGRAM NOTES:

#. INDICATES GENERAL NOTE.
Ⓟ INDICATES KEYED NOTE.

1. REFER TO RISER DIAGRAM FOR FEEDER WIRE / CONDUIT SIZES AND FOR ALL FEEDER SIZES NOT SHOWN ON THIS SHEET.
2. 1 #3/0 COPPER GROUND CONDUCTOR IN 1" CONDUIT TO MAIN INCOMING METAL WATER PIPE, TO MADE GROUNDING ELECTRODE AND TO BUILDING GROUND.
3. PROVIDE ALL CONNECTIONS TO CHILLER PER INSTRUCTIONS OF CHILLER MANUFACTURER.
4. NEC 285 SURGE PROTECTIVE DEVICE. RE: DIVISION 26 SPECIFICATIONS FOR ADDITIONAL INFORMATION.

1 EXISTING ELECTRICAL ONE-LINE DIAGRAM
SCALE: 1/8" = 1'-0"



ELECTRICAL ONE-LINE DIAGRAM NOTES:

#. INDICATES GENERAL NOTE.
Ⓟ INDICATES KEYED NOTE.

1. REFER TO RISER DIAGRAM FOR FEEDER WIRE / CONDUIT SIZES AND FOR ALL FEEDER SIZES NOT SHOWN ON THIS SHEET.
2. 1 #3/0 COPPER GROUND CONDUCTOR IN 1" CONDUIT TO MAIN INCOMING METAL WATER PIPE, TO MADE GROUNDING ELECTRODE AND TO BUILDING GROUND.
3. PROVIDE ALL CONNECTIONS TO CHILLER PER INSTRUCTIONS OF CHILLER MANUFACTURER.
4. NEC 285 SURGE PROTECTIVE DEVICE. RE: DIVISION 26 SPECIFICATIONS FOR ADDITIONAL INFORMATION.

2 NEW ELECTRICAL ONE-LINE DIAGRAM
SCALE: 1/8" = 1'-0"

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ELECTRICAL ONE-LINE DIAGRAM

E-501

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0"

1"

ELECTRICAL LIGHTING FIXTURE AND CONTACTOR SCHEDULE

E-601

FOR BLUEBEAM LABELING/DOOR:

GENERAL LIGHTING SCHDULES NOTES

1. REFER TO ARCHITECT'S REFLECTED CEILING PLAN AND RELATED DETAILS TO DETERMINE PROPER CEILING TYPE COMPATIBILITY FOR EACH LUMINAIRE. PROVIDE ANY EXTRA FITTINGS OR OPTIONS AS REQUIRED TO ENSURE CORRECT MOUNTING IN THE GIVEN CEILING.
2. PROVIDE FIRE RATED CANOPY OR ENCLOSURE FOR ALL FIXTURES RECESSED IN A FIRE RATED CEILING. THE FIRE RATED CANOPY OR ENCLOSURE SHALL BE REQUIRED BY THE UL DESIGN NUMBER LISTED IN THE UL FIRE RESISTANCE DIRECTORY. REFER TO ARCHITECTURAL DRAWING FOR THE UL DESIGN NUMBER. COORDINATE WITH CEILING INSTALLER AND MANUFACTURER.

CONTACTOR SCHEDULE

DESIG-NATION	CIRCUITS SERVED	CONTACTOR CHARACTERISTICS					REMARKS
		CONTACT AMPS	N.O. POLES	COIL VOLTS	CONTROL	SUPPLY CKT.	
C1	1HA-6	20	2	277	DDC	1HA-6	SIEMENS CLASS LC OR ABB CR460 (1)

(1) PHOTOCELL ON/TIMECLOCK OFF.

LIGHTING FIXTURE NOTES

KEY TO NOTE PREFIXES: "G" NOTES ARE "GENERAL" LIGHTING NOTES THAT APPLY TO THE ENTIRE PROJECT. "S" NOTES ARE "SCHEDULE" NOTES THAT APPLY TO SPECIFIC LUMINAIRES.

G.1 REFER TO ARCHITECTURAL REFLECTED CEILING PLANS, ELEVATIONS, SECTIONS, AND DETAILS FOR THE EXACT LOCATION OF ALL LUMINAIRES. ARCHITECTURAL PLANS SHALL GOVERN FOR LOCATION AND LAYOUT. IF ARCHITECTURAL AND ELECTRICAL DRAWINGS CONFLICT IN EXACT COUNT OR FIXTURE TYPE, PROVIDE THE GREATER QUANTITY OR COST TYPE UNLESS OTHERWISE INSTRUCTED.

G2. REFER TO DIVISION 26 ELECTRICAL SPECIFICATIONS FOR ADDITIONAL LUMINAIRE AND ELECTRICAL REQUIREMENTS (LENS, AIR HANDLING CHARACTERISTICS, T-BAR CLIPS, BALLAST, LAMPS, TIME FRAME FOR SUBMITTAL OF SUBSTITUTE LIGHT FIXTURES FOR PRIOR APPROVAL, ETC.).

G3. FOR EACH SCHEDULED LUMINAIRE, PROVIDE ALL REQUIRED APPURTENANCES FOR INSTALLATION IN APPLICABLE STRUCTURE OR SPECIFIED ARCHITECTURAL EILING. ALL LUMINAIRES SHALL HAVE THE APPROPRIATE NEMA TYPE FRAME THAT IS COMPATIBLE WITH THE CEILING SYSTEM SPECIFIED BY THE ARCHITECT. ELECTRICAL DRAWINGS DO NOT INDICATE CEILING TYPES, CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS TO DETERMINE CEILING TYPE (GRID, FLANGE, SPLINE, SCREW SLOT, ETC.) AND PROVIDE APPROPRIATE FRAME.

G4. EXIT SIGNS AND OTHER LUMINAIRES SHALL NOT BE SUPPORTED BY CEILING TILE. PROVIDE MOUNTING FRAME OR HANGERS TO SECURELY FASTEN IN PLACE ALL LUMINAIRES MOUNTED IN CEILING TILE. FRAMING MEMBERS OF A SUSPENDED CEILING SYSTEM MAY BE USED WHERE DESIGNED FOR THE PURPOSE AND INSTALLED PER NEC 410-16(c).

G5. WHERE A SURFACE-MOUNTED LUMINAIRE CONTAINING A BALLAST IS TO BE INSTALLED ON COMBUSTIBLE LOW-DENSITY CELLULOSE FIBERBOARD, IT SHALL BE LISTED FOR THIS CONDITION OR SHALL BE SPACED NOT LESS THAN 1 1/2 INCHES FROM THE SURFACE OF THE FIBERBOARD (NEC 410-76(b)).

G6. REQUEST FOR SUBSTITUTION SHALL FOLLOW SPECIFIED PROCEDURES AND SHALL INCLUDE A WORKING SAMPLE SUITABLE FOR TABLE TOP EXAMINATION.

S1. UNLESS OTHERWISE NOTED, MOUNT EXIT SIGN DIRECTLY ABOVE EGRESS DOOR (MAXIMUM 24" ABOVE DOOR). PROVIDE WALL MOUNT EXIT SIGNS IN HIGH CEILING AREAS, PROVIDE WINDOW MULLION MOUNTING WITH CONCEALED WIRING WHERE REQUIRED. COORDINATE EXACT ELEVATION WITH ARCHITECT PRIOR TO ROUGH-IN.

CHANGE POLE HEIGHT TO MATCH YOUR REQUIREMENTS

S2. PROVIDE KW #RTSP30-DBZ-DM-BC POLE. POLE SHAFT SHALL CONFORM TO ASTM-A-500 GRADE B, ANCHOR BASE OF HOT ROLLED CARBON STEEL, PROVIDE ANCHOR BOLTS. PROVIDE 30' POLE WITH MINIMUM 3 MIL. BAKED POLYESTER POWDER COAT FINISH. COLOR TO MATCH LUMINAIRE.

S3. PROVIDE KW #RTSP30-DBZ-DM2180-BC POLE. POLE SHAFT SHALL CONFORM TO ASTM-A-500 GRADE B, ANCHOR BASE OF HOT ROLLED CARBON STEEL, PROVIDE ANCHOR BOLTS. PROVIDE 30' POLE WITH MINIMUM 3 MIL. BAKED POLYESTER POWDER COAT FINISH. COLOR TO MATCH LUMINAIRE.

LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER & MODEL NUMBER	LAMPS	VA	VOLTAGE	DESCRIPTION	NOTES
D1	COOPER LDSQC6159035D010SQ1H	4000K LED	16	UNV	4" SQUARE RECESSED DOWNLIGHT. HARD CEILING ADAPTER "NL" FOR NIGHT LIGHT.	
D2	PORTFOLIO LDSQC6259035D010SQ1H	4000K LED	32	UNV	4" SQUARE RECESSED DOWNLIGHT. T-GRID CEILING ADAPTER "NL" FOR NIGHT LIGHT.	
D3	PORTFOLIO LDSQC6259035D010SQ1H	4000K LED	16	UNV	4" SQUARE RECESSED DOWNLIGHT. EXTERIOR RATED	
F1	COOPER 4SNX-45SL-LW-UNV-L840-CD1-U / AYC-CHAIN/SET-U	4000K LED	30	UNV	4' LENSED STRIPLIGHT, WIRE GUARD, CHAIN HUNG OR SURFACE	
G1	VISTA 1185 - X-WF-40-C-MV-ND-XX	4000K LED	26	UNV	IN SURFACE GROUNG LIGHT.	
L1	EXTANT # HTG-3R-LP-TD-(TRIM)-4-SLO-MEODF-35-VU-D	4000K LED	18	UNV	RECESSED 4" LINEAR, DIRECT ONLY, SATIN LENS. MEDIUM LUMEN OUTPUT	
L2	EXTANT # HTG-3R-LP-TD-(TRIM)-2-DHL-MEODF-35-VU-D	4000K LED	38	UNV	RECESSED 2" LINEAR, DIRECT ONLY, SATIN LENS	
L3	EXTANT # HTG-3R-LP-TD-(TRIM)-8-DHL-MEODF-35-VU-D	4000K LED	78	UNV	RECESSED 8" LINEAR, DIRECT ONLY, SATIN LENS	
L4	EXTANT # HTG-3R-LP-TD-(TRIM)-6-DHL-MEODF-35-VU-D	4000K LED	56	UNV	RECESSED 3" LINEAR, DIRECT ONLY, SATIN LENS	
L5	EXTANT # HTG-3R-LP-TD-(TRIM)-4-DHL-MEODF-35-VU-D	4000K LED	23	UNV	RECESSED 4" LINEAR, DIRECT ONLY, SATIN LENS. HIGH LUMEN OUTPUT	
S20'	EXTANT # HTGDU-3P-TD-20-DHL-MEODF-UML-MEOBW-35-VU-D-(MOUNTING)-(FINISH)	4000K LED	280	UNV	SUSPENDED 20' LINEAR, DIRECT/INDIRECT, SATIN LENS	
S24'	EXTANT # HTGDU-3P-TD-24-DHL-MEODF-UML-MEOBW-35-VU-D-(MOUNTING)-(FINISH)	4000K LED	336	UNV	SUSPENDED 24' LINEAR, DIRECT/INDIRECT, SATIN LENS	
S28'	EXTANT # HTGDU-3P-TD-28-DHL-MEODF-UML-MEOBW-35-VU-D-(MOUNTING)-(FINISH)	4000K LED	392	UNV	SUSPENDED 28' LINEAR, DIRECT/INDIRECT, SATIN LENS	
X1	SURE-LITES SCX SERIES	4000K LED	5	UNV	EXIT SIGN SINGLE FACE. MATCH COLOR OF EXISTING SIGN IN BUILDING.	
X2	SURE-LITES SCX SERIES	4000K LED	5	UNV	EXIT SIGN DOUBLE FACE. MATCH COLOR OF EXISTING SIGN IN BUILDING.	
EM	SURE-LITES SELDWA SERIES	4000K LED	5	UNV	BUG EYE	

GENERAL

1. COLOR TEMPERATURE SHALL BE 4000K UNLESS NOTED OTHERWISE.

NOTES

1. CONNECT FIXTURE TO EMERGENCY BATTERY INVERTER SYTSEM.
2. FURNISH LENGTH OF TRACK AND NUMBER OF HEADS AS INDICATED ON THE DRAWINGS WITH ALL MOUNTING ACCESSORIES. INCLUDE $150.00 IN THE BID FOR EACH TRACK LIGHTING FIXTURE. LAMPS TO BE SELECTED BY THE OWNER. INCLUDE FIXTURE INSTALLATION IN BID.
3. AIM EMERGENCY LAMPS TO BEST ILLUMINATE THE PATH OF EGRESS.
4. ARCHITECT TO SELECT COLOR FROM MANUFACTURER'S (CHOOSE ONE) STANDARD or OPTIONAL or CUSTOM FINISH COLORS.
5. FURNISH WITH A COMPLETE SET OF FILTERS.

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

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ELECTRICAL LIGHTING FIXTURE AND CONTACTOR SCHEDULE

E-601

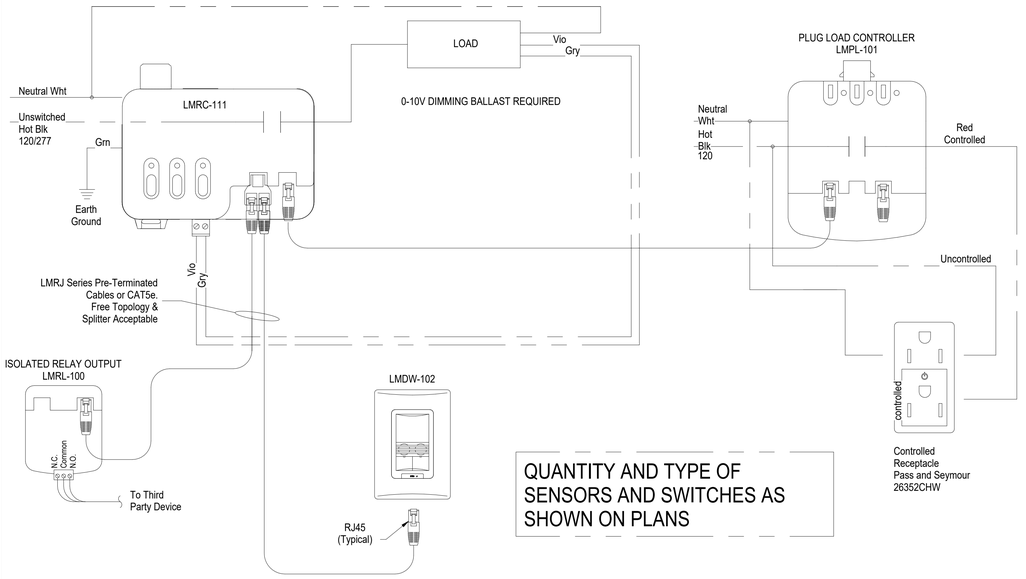
Plot Stamp:
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0"
1"

ELECTRICAL DETAILS
E-602
FOR BLUEBEAM LABELING/DOOR:

ADJUST AND PROGRAM SYSTEM FOR SEQUENCE OF OPERATION:

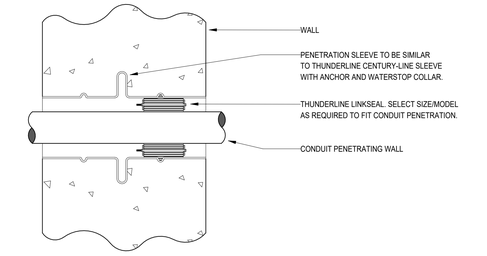
1. THE SWITCH SHALL BE USED TO TURN LIGHTS ON AND OFF AND ADJUST DIMMING LEVELS.
2. OCCUPANCY SENSOR SHALL TURN LIGHTS OFF AFTER 20 MINUTES OF NO OCCUPANCY DETECTED.
3. OCCUPANCY SENSORS SHALL TURN PLUG LOADS ON UPON INITIAL OCCUPANCY DETECTION AND OFF AFTER 20 MINUTES OF NO ACTIVITY DETECTED. SWITCHES SHALL NOT AFFECT PLUG LOADS
4. ISOLATED RELAY INTERFACE WILL PROVIDE CONTACT CLOSURE TO LOCAL VAV BOX DURING OCCUPANCY



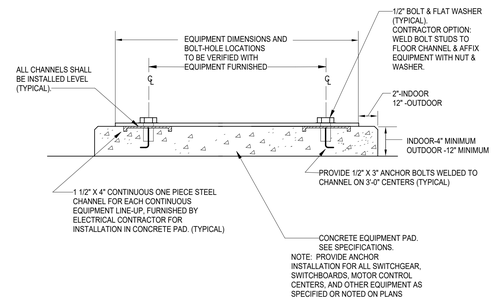
QUANTITY AND TYPE OF SENSORS AND SWITCHES AS SHOWN ON PLANS

SMALL OFFICE WITH PLUG LOAD CONTROLS

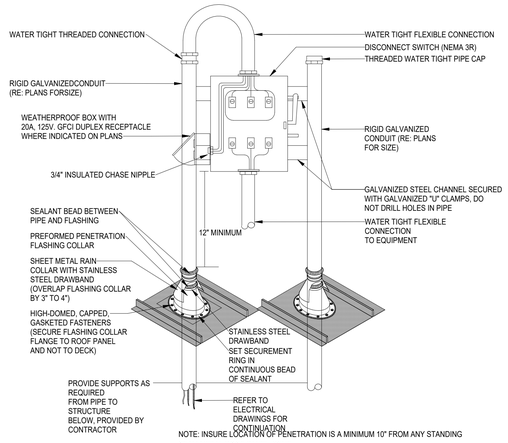
5 SMALL OFFICE WITH PLUG LOAD CONTROLS
NOT TO SCALE



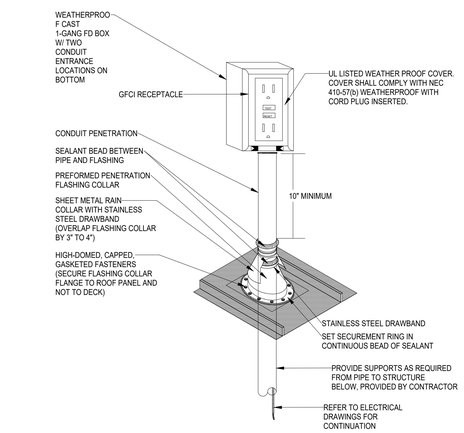
1 CONDUIT PENETRATION DETAIL - EXTERIOR WALL
NOT TO SCALE



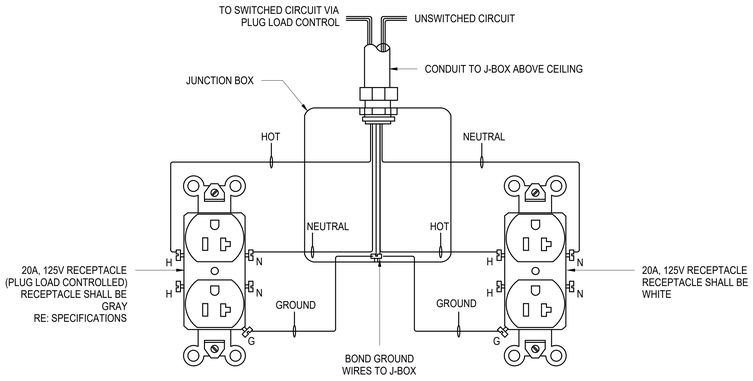
2 EQUIPMENT ANCHOR DETAIL
NOT TO SCALE



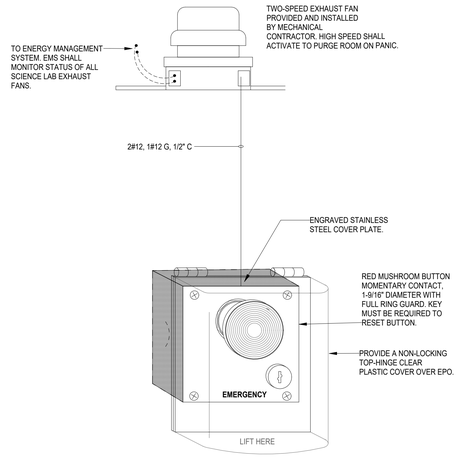
3 CONDUIT ROOF PENETRATION DETAIL (DISCONNECT)
NOT TO SCALE



4 CONDUIT ROOF PENETRATION DETAIL (RECEPTACLE)
NOT TO SCALE



6 QUADPLEX RECEPTACLE WITH PLUG LOAD CONTROLS
NOT TO SCALE



7 EPO BUTTON DETAIL
NOT TO SCALE

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE CAMPUS OFFICE RENOVATION

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DRAWING HISTORY

No.	Description	Date

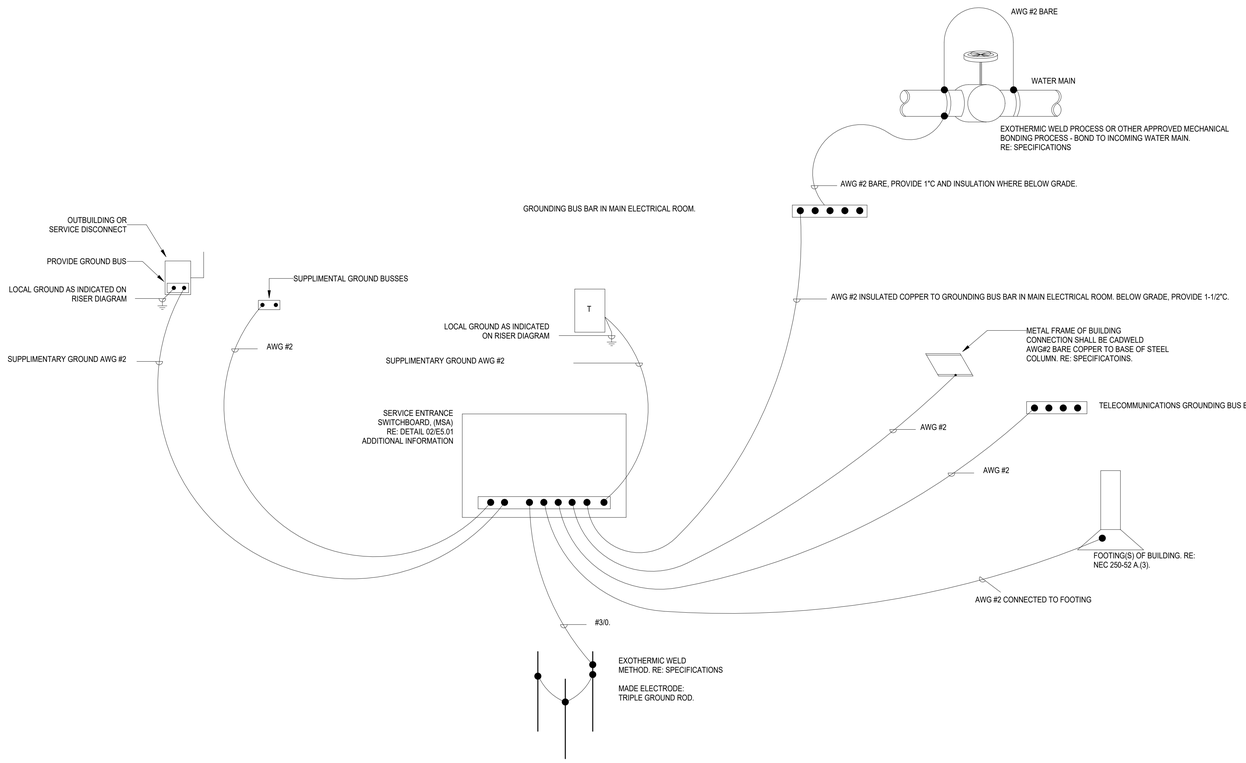
CHECKED BY: Checker
DRAWN BY: Author

ELECTRICAL DETAILS

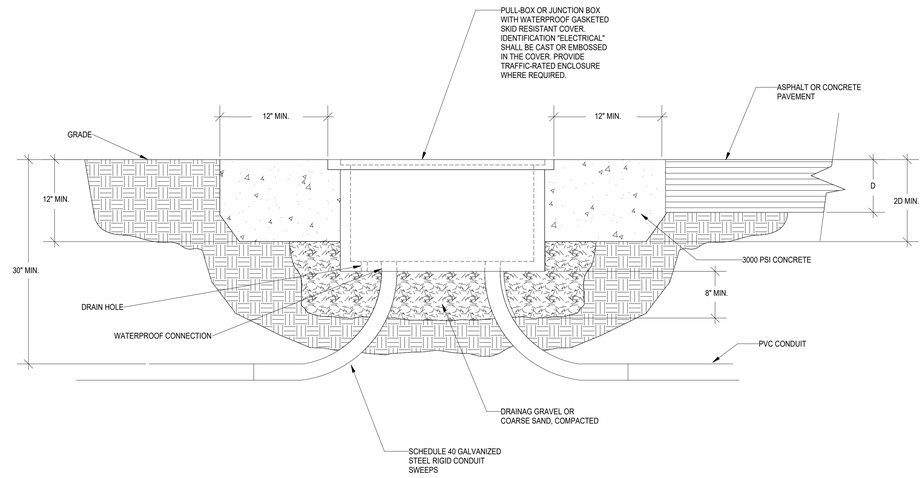
E-602

0"
1"

ELECTRICAL DETAILS
E-603
FOR BLUEBEAM LABELING/DOOR:



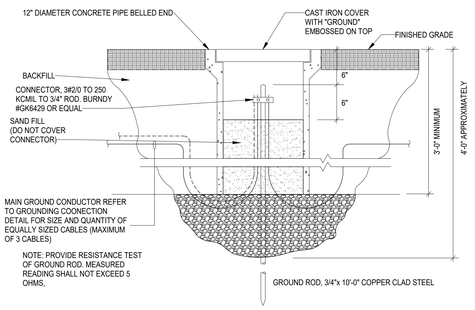
1 ELECTRICAL GROUNDING REQUIREMENTS
NOT TO SCALE



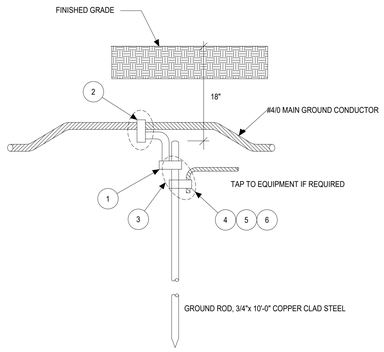
2 EXTERIOR JUNCTION BOX
NOT TO SCALE

KEYED NOTES:

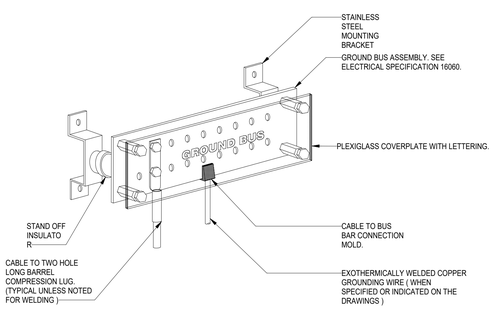
1. REQUIRES BURNDYY750 PRESS WITH U99 FOR INSTALLATION.
2. CRIMP CONNECTOR, #2 TO 250 KCMIL TO 3/4" ROD, BURNDY #YGLR29C34.
3. REQUIRES BURNDY Y750 HYPRESS WITH PU998 CRIMP DIE AND UPRECRIMP34 DIE FOR INSTALLATION.
4. CRIMP CONNECTOR, #2 TO 250 KCMIL TO 3/4" ROD, BURNDY #YGHP34C29.
5. CRIMP CONNECTOR, #4 TO #2 TO 3/4" ROD, BURNDY #YGHP34C2.
6. CRIMP CONNECTOR, #1/0 TO 2/0 KCMIL TO 3/4" ROD, BURNDY #YGHP34C26.



5 GROUND WELL ASSEMBLY
NOT TO SCALE



4 GROUND ROD ASSEMBLY
NOT TO SCALE



3 GROUND BUS DETAIL
NOT TO SCALE

PBK
www.pbk.com
TX FIRM: BR 1608
SAN ANTONIO, TX
210-829-0123

LEAF ENGINEERS
601 N.W. LOOP 410, SUITE 460
SAN ANTONIO, TX 78216
210-638-7200
TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED
PROFESSIONAL ENGINEER

09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

ELECTRICAL DETAILS

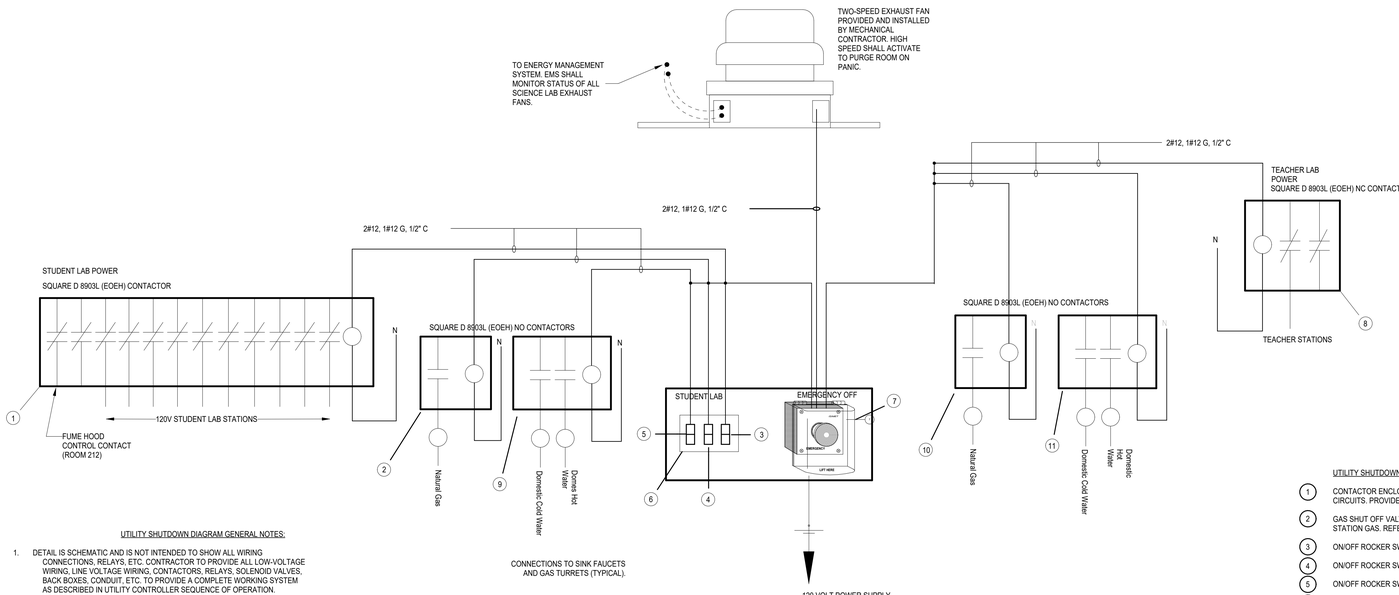
E-603

Plot Stamp:
9/24/2025 1:12:10 AM

0"
1"

ELECTRICAL DETAILS
E-604
FOR BLUEBEAM LABELING/OCR:

CLEAR CREEK STANDARD



UTILITY SHUTDOWN DIAGRAM GENERAL NOTES:

1. DETAIL IS SCHEMATIC AND IS NOT INTENDED TO SHOW ALL WIRING CONNECTIONS, RELAYS, ETC. CONTRACTOR TO PROVIDE ALL LOW-VOLTAGE WIRING, LINE VOLTAGE WIRING, CONTACTORS, RELAYS, SOLENOID VALVES, BACK BOXES, CONDUIT, ETC. TO PROVIDE A COMPLETE WORKING SYSTEM AS DESCRIBED IN UTILITY CONTROLLER SEQUENCE OF OPERATION.
2. DETAIL ASSUMES ALL UTILITIES ARE CONTROLLED (ELECTRICAL, COLD AND HOT WATER, GAS). REFER TO PLAN FOR UTILITIES CONTROLLED PER ROOM, MODIFY SYSTEM AS REQUIRED.
3. ELECTRICAL CONTRACTOR SCOPE OF WORK - IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO PROVIDE IN HIS BASE BID ALL LABORATORY SAFETY DEVICE SYSTEM EQUIPMENT, AS WELL AS CONDUIT SYSTEMS, OPERATING POWER, RELAYS, AND ALL LOW VOLTAGE CONTROL WIRING FOR THE LABORATORY SAFETY DEVICE SYSTEM AS OUTLINED IN THE DRAWINGS AND SPECIFICATIONS.
4. PLUMBING CONTRACTOR SCOPE OF WORK - IT SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO PROVIDE IN HIS BASE BID THE LABORATORY SAFETY DEVICE SYSTEM, SOLENOIDS, ASSOCIATED PIIPING, ETC AS OUTLINED IN THE DRAWINGS AND SPECIFICATIONS.
5. MECHANICAL CONTRACTOR SCOPE OF WORK - IT SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO PROVIDE IN HIS BASE BID THE LABORATORY SAFETY DEVICE SYSTEM EXHAUST FAN/FUME/ HOOD/EMS INTERFACE AND CONTROLS.

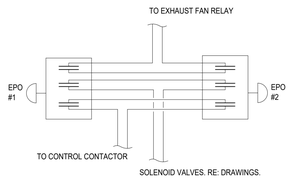
UTILITY SHUTDOWN DIAGRAM SEQUENCE OF OPERATION:

1. SELECTOR SWITCHES AT TEACHER'S STATION TURN ON/OFF WATER, ELECTRICAL, AND GAS TO STUDENT STATIONS, AND DO NOT CONNECT TO EXHAUST FAN OR ALARM.
2. WHEN PUSHBUTTON IS PRESSED, ALL WATER, ELECTRICAL, AND GAS AT TEACHERS STATION, AND STUDENT STATIONS ARE TURNED OFF, THE PURGE MODE OF THE MAIN CLASSROOM EXHAUST FAN IS ACTIVATED. A KEY IS REQUIRED TO RESET THE SYSTEM TO NORMAL OPERATION. EMERGENCY MODE IS NOT INTENDED TO SHUT DOWN THE FAN SERVING THE FUME HOOD.

UTILITY SHUTDOWN DIAGRAM KEYED NOTES:

1. CONTACTOR ENCLOSURE FOR REMOTE OPERATION OF LAB WORKSTATION POWER CIRCUITS. PROVIDE CONTACTOR FOR ALL STUDENT WORK STATION CIRCUITS.
2. GAS SHUT OFF VALVE SOLENOID ENCLOSURE FOR REMOTE OPERATION OF STUDENT STATION GAS. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION.
3. ON/OFF ROCKER SWITCH FOR POWER.
4. ON/OFF ROCKER SWITCH FOR GAS.
5. ON/OFF ROCKER SWITCH FOR WATER.
6. PROVIDE BOX SIZED AS REQUIRED AT TEACHERS WORKSTATION AS SHOWN ON PLANS WITH (3) ON/OFF SWITCHES AND ENGRAVED COVERPLATE TO READ "POWER ON/OFF", "GAS ON/OFF", AND "WATER ON/OFF" UNDER RESPECTIVE SWITCHES.
7. 2" RED E.P.O. MUSHROOM TYPE PUSHBUTTON UNDER POLYCARBONATE HINGED COVER WITH ENGRAVED NAMEPLATE TO READ "EMERGENCY OFF" AT TEACHER'S WORKSTATION AS SHOWN ON PLANS. KEY MUST BE REQUIRED TO RESET BUTTON.
8. CONTACTOR ENCLOSURE FOR REMOTE OPERATION OF TEACHER WORKSTATION POWER CIRCUITS. PROVIDE CONTACTOR FOR ALL TEACHER WORK STATION CIRCUITS AND FUME HOOD(S) WHERE PROVIDED.
9. WATER SHUT OFF VALVE SOLENOID ENCLOSURE FOR REMOTE OPERATION OF STUDENT STATION WATER. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION.
10. GAS SHUT OFF VALVE SOLENOID ENCLOSURE FOR REMOTE OPERATION OF TEACHER STATION GAS, AND FUME HOOD(S) SUPPLY WHERE PROVIDED. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION.
11. WATER SHUT OFF VALVE SOLENOID ENCLOSURE FOR REMOTE OPERATION OF TEACHER STATION WATER, AND FUME HOOD(S) SUPPLY WHERE PROVIDED. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION.
12. WIRING AT TEACHER STATION - PROVIDE A TERMINAL STRIP (20 POINTS) IN TEACHERS STATION TO TERMINATE POWER AND CONTROL WIRES SHOWN.

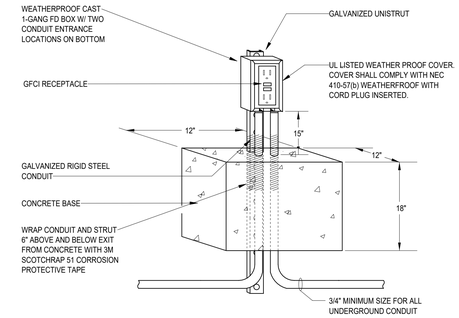
1 LABORATORY EMERGENCY-OFF SCHEMATIC
NOT TO SCALE



NOTES:

1. FUNCTION: UPON ACTIVATION, EACH EPO SHALL IMMEDIATELY SHUT DOWN ALL POWER, WATER, AND GAS AND SET EXHAUST FAN TO HIGH SPEED PURGE MODE. MANUAL KEY RESET(S) SHALL BE REQUIRED FOR RESTORATION OF ALL EQUIPMENTS.
2. PROVIDE WIRING AS NEEDED.
3. SYSTEM SHALL BE CAPABLE OF INTERFACING TO VOLTAGES 12-120 AC/ DC, N/O OR N/C CONTACTS, WET OR DRY CONTACTS, AND MOMENTARY OR MAINTAINED SIGNAL REQUIRED. VERIFY TYPE OF INTERFACE CONTROL REQUIRED WITH MANUFACTUER OF INVOLVED EQUIPMENT.
4. PROVIDE ANY INTERPOSING RELAYS REQUIRED, EVEN IF NOT SHOWN ON ADJOINING SCHEMATIC. PROVIDE WHATEVER IS NECESSARY TO OBTAIN POWER SOURCE FOR ANY WET CONTACTS THAT ARE REQUIRED, INCLUDING CONTROL TRANSFORMERS, RECTIFIERS, WIRING, CIRCUIT BREAKERS, ETC.

3 SCIENCE RM. INTERFACE SYSTEM FOR EPO
NOT TO SCALE



2 OUTDOOR RECEPTACLE
NOT TO SCALE

PBK
www.pbk.com
TX FIRM: BR 1608
SAN ANTONIO, TX
210-829-0123

LEAF ENGINEERS
601 N.W. LOOP 410, SUITE 460
SAN ANTONIO, TX 78216
210-638-7200
TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION
2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130
CLIENT PROJECT NO: 250033
ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED PROFESSIONAL ENGINEER
09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

ELECTRICAL DETAILS

E-604

Plot Stamp:
9/24/2025 1:12:12 AM

0"

1"

ELECTRICAL PANEL SCHEDULES -AREA A

E-701

FOR BLUEBEAM LABELING/OCR:

Panelboard LA

10000 AIC Rating
X New
Existing

120/208/3 Volt, 3 Phase, 4 Wire; 1 Section; Type 1 -Nema Rating | Mains Type: MCB | 150 A MCB; 150 A BUS (Copper); ISO. GRND. BUS | X Single Double Feed - Thru | Mounting X Surface Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N...
	2496 VA	Other	AC-1	12	20 A	1 2	20 A	12	AC-2	Other	250 VA	
	--	--	--	--	--	3 4	--	--	--	--	--	
	180 VA	R	ROOF RECPT(E)	12	20 A	5 6	20 A	12	RECPT. WATERFOUNTAIN(E)	R	360 VA	
	360 VA	R	RECPT. CORR. SC4 (E)	12	20 A	7 8	20 A	12	RECPT. SC6,SC2,(E)	R	1260 VA	
	1080 VA	R	RECPT. CONF.S115(E)	12	20 A	9 10	20 A	12	RECPT. COPY/PRINTSC3(E)	R	180 VA	
	180 VA	R	RECPT. COPY/PRINTSC3(E)	12	20 A	11 12	20 A	12	RECPT. COPY/PRINTSC3(E)	R	180 VA	
	360 VA	R	RECPT. WATERFOUNTAIN(E)	12	20 A	13 14	20 A	12	RECEPT. S111/S112(E)	R	720 VA	
	900 VA	R	RECPT. S109,S110,S125(E)	12	20 A	15 16	20 A	12	RECEPT. S109,S110,S125(E)	Oth...	1080 VA	
	900 VA	R	RECPT....	12	20 A	17 18	20 A	12	RECPT. CONF.S115(E)	Oth...	1440 VA	
	1080 VA	R	RECPT. IDF S124(E)	12	20 A	19 20	20 A	12	RECPT. IDF S124(E)	R	1080 VA	
	200 VA	Motor	VAV-1	12	20 A	21 22	20 A	12	IDF S125(E)	Other	2000 VA	
	2000 VA	Other	IDF S125(E)	12	20 A	23 24	20 A	12	IDF S125(E)	Other	2000 VA	
	540 VA	R	RECPT. S127-S129(E)	12	20 A	25 26	20 A	12	LDOOR OPERATOR....	Other	800 VA	
	900 VA	R	RECPT. CHEM. LAB S130	12	20 A	27 28	20 A	12	RECEPT. LIBRARY S104	R	360 VA	
	540 VA	R	RECPT. CHEM. LAB S130	12	20 A	29 30	20 A	12	RECEPT. LIBRARY S104	R	360 VA	
	360 VA	R	RECEPT. NURSE S107	12	20 A	31 32	20 A	12	RECEPT. LIBRARY S104	R	180 VA	
	360 VA	R	RECPT. BIO S124	12	20 A	33 34	20 A	12	EF-6A	F	416 VA	
	2080 VA	F	EF-1A,EF-2A	10	25 A	35 36	--	--	--	--	--	
	--	--	--	--	--	37 38	20 A	12	EF-4A	F	1872 VA	
	2288 VA	F	EF-3A,EF-5A	10	25 A	39 40	--	--	--	--	--	
	--	--	--	--	--	41 42	20 A	12	RECEPT. ROOF	Rec...	900 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle	14580 VA	84.29%	12290 VA	210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling			0 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans	6656 VA	100.00%	6656 VA	220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 32242 VA VA = 89 A
Total Load (Diversified): 29952 VA VA = 83 A

Location of Panel: ELEC S115

Panelboard HMA SEC.1

65000 AIC Rating
X New
Existing

277/480/3 Volt, 3 Phase, 4 Wire; 1 Section; Type 1 -Nema Rating | Mains Type: MLO | 0 A MCB; 250 A BUS (Copper); ISO. GRND. BUS | X Single Double Feed - Thru | Mounting X Surface Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N...
	16628 VA	Motor	FTU-1-2	10	25 A	1 2	30 A	10	FTU-1-17	Motor	20785 VA	
	--	--	--	--	--	3 4	--	--	--	--	--	
	--	--	--	--	--	5 6	--	--	--	--	--	
	8314 VA	Motor	FTU-1-4	12	20 A	7 8	20 A	12	FTU-1-9	Motor	12471 VA	
	--	--	--	--	--	9 10	--	--	--	--	--	
	--	--	--	--	--	11 12	--	--	--	--	--	
	3255 VA	Motor	FTU-1-5(E)	12	20 A	13 14	20 A	12	FTU-1-6(E)	Motor	3720 VA	
	--	--	--	--	--	15 16	--	--	--	--	--	
	--	--	--	--	--	17 18	--	--	--	--	--	
	20784 VA	Motor	FTU-1-7	10	30 A	19 20	20 A	12	FTU-1-8(E)	Motor	10296 VA	
	--	--	--	--	--	21 22	--	--	--	--	--	
	--	--	--	--	--	23 24	--	--	--	--	--	
	8314 VA	Motor	FTU-1-14	12	20 A	25 26	30 A	10	FTU-1-1	Motor	20785 VA	
	--	--	--	--	--	27 28	--	--	--	--	--	
	--	--	--	--	--	29 30	--	--	--	--	--	
	9977 VA	Motor	FTU-1-15	12	20 A	31 32	20 A	12	FTU-1-12(E)	Motor	4251 VA	
	--	--	--	--	--	33 34	--	--	--	--	--	
	--	--	--	--	--	35 36	--	--	--	--	--	
	3720 VA	Motor	FTU-1-13(E)	12	20 A	37 38	25 A	10	FTU-1-16	Motor	16628 VA	
	--	--	--	--	--	39 40	--	--	--	--	--	
	--	--	--	--	--	41 42	--	--	--	--	--	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle				210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling			0 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans				220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 159928 VA VA = 192 A
Total Load (Diversified): 159928 VA VA = 192 A

Location of Panel: ELEC S115

Panelboard HMA SEC.2

65000 AIC Rating
X New
Existing

277/480/3 Volt, 3 Phase, 4 Wire; 1 Section; Type 1 -Nema Rating | Mains Type: MLO | 0 A MCB; 250 A BUS (Copper); ISO. GRND. BUS | X Single Double Feed - Thru | Mounting X Surface Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N...
	2619 VA	F	LEF-03	12	15 A	1 2	20 A	12	LEF-07	F	2827 VA	
	--	--	--	--	--	3 4	--	--	--	--	--	
	--	--	--	--	--	5 6	--	--	--	--	--	
	1455 VA	F	LEF-05	12	15 A	7 8	30 A	10	EWH-2	Motor	12000 VA	
	--	--	--	--	--	9 10	--	--	--	--	--	
	--	--	--	--	--	11 12	--	--	--	--	--	
	4100 VA	Other	IWH1-1(E)	12	20 A	13 14	--	12	Space	--	0 VA	
	4100 VA	Other	IWH1-2(E)	12	20 A	15 16	--	12	Space	--	0 VA	
	6000 VA	Other	IWH2-1(E)	12	20 A	17 18	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	19 20	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	21 22	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	23 24	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	25 26	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	27 28	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	29 30	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	31 32	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	33 34	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	35 36	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	37 38	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	39 40	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	41 42	--	12	Space	--	0 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle				210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling			0 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans	6901 VA	100.00%	6901 VA	220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 33101 VA VA = 40 A
Total Load (Diversified): 33101 VA VA = 40 A

Location of Panel: ELEC S115

Panelboard ULA SEC.1

10000 AIC Rating
X New
Existing

120/208/3 Volt, 3 Phase, 4 Wire; 1 Section; Type 1 -Nema Rating | Mains Type: MLO | 0 A MCB; 250 A BUS (Copper); ISO. GRND. BUS | X Single Double Feed - Thru | Mounting X Surface Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N...
	540 VA	R	RECPT. TEST S103B	12	20 A	1 2	20 A	12	RECPT. NURSING S107	R	720 VA	
	360 VA	R	RECPT. TEST S103B	12	20 A	3 4	20 A	12	RECPT. NURSING S107	R	360 VA	
	540 VA	R	RECPT. TEST S103C	12	20 A	5 6	20 A	12	RECPT. NURSING S107	R	360 VA	
	360 VA	R	RECPT. TEST S103C	12	20 A	7 8	20 A	12	RECPT. NURSING S107	Rec...	720 VA	
	720 VA	R	RECPT. TEST S103	12	20 A	9 10	20 A	12	CP-1	Other	528 VA	
	360 VA	R	RECPT. TEST S103	12	20 A	11 12	20 A	12	RECPT. NURSING S107	R	720 VA	
	900 VA	R	RECPT. TEST S103A	12	20 A	13 14	20 A	12	RECPT. NURSING S107	R	360 VA	
	360 VA	R	RECPT. TEST S103A	12	20 A	15 16	20 A	12	NURSING HEADWALL S107	Other	250 VA	
	360 VA	R	RECPT. TEST S103A	12	20 A	17 18	20 A	12	NURSING HEADWALL S107	Other	250 VA	
	360 VA	R	RECPT. TEST S103A	12	20 A	19 20	20 A	12	RECPT. NURSING S107	R	360 VA	
	360 VA	R	RECPT. TEST S103A	12	20 A	21 22	20 A	12	RECPT. STORAGE S107A	R	540 VA	
	360 VA	R	RECPT. TEST S103A	12	20 A	23 24	20 A	12	RECPT. STORAGE S107A	R	900 VA	
	360 VA	R	RECPT. TEST S103A	12	20 A	25 26	20 A	12	RECPT. STORAGE S107A	R	720 VA	
	360 VA	R	RECPT. TEST S103A	12	20 A	27 28	20 A	12	DRYER. STORAGE S107A	R	180 VA	
	720 VA	R	RECPT. SUITE S106	12	20 A	29 30	--	--	--	--	--	
	360 VA	R	RECPT. SUITE S106	12	20 A	31 32	20 A	12	WASHER. STORAGE S107A	R	180 VA	
	360 VA	R	RECPT. SUITE S106	12	20 A	33 34	20 A	12	RECPT. SIM ROOM S113D	R	900 VA	
	360 VA	R	RECPT. SUITE S106	12	20 A	35 36	20 A	12	HEADWALL SIM ROOM S113D	Other	250 VA	
	360 VA	R	RECPT. SUITE S106	12	20 A	37 38	20 A	12	RECEPT. S113D, S113C	R	360 VA	
	250 VA	Other	NURSING HEADWALL S107	12	20 A	39 40	20 A	12	RECPT. SIM ROOM S113C	R	900 VA	
	250 VA	Other	NURSING HEADWALL S107	12	20 A	41 42	20 A	12	HEADWALL SIM ROOM S113C	Other	250 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle	16560 VA	80.19%	13280 VA	210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling			0 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans				220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 18768 VA VA = 52 A
Total Load (Diversified): 15488 VA VA = 43 A

Location of Panel: ELEC S115

Panelboard ULA SEC.2

10000 AIC Rating
X New
Existing

120/208/3 Volt, 3 Phase, 4 Wire; 1 Section; Type 1 -Nema Rating | Mains Type: MLO | 0 A MCB; 250 A BUS (Copper); ISO. GRND. BUS | X Single Double Feed - Thru | Mounting X Surface Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N...
	360 VA	R	RECPT. SIM SUITE S113	12	20 A	1 2	20 A	12	RECPT. OFFICE S122	R	540 VA	
	720 VA	R	RECPT. SIM SUITE S113	12	20 A	3 4	20 A	12	RECPT. OFFICE S122	R	360 VA	
	360 VA	R	RECPT. SIM SUITE S113	12	20 A	5 6	20 A	12	RECPT. OFFICE S121	R	540 VA	
	540 VA	R	RECPT. SIM SUITE S113	12	20 A	7 8	20 A	12	RECPT. OFFICE S121	R	360 VA	
	1080 VA	R	RECEPT. S113A,S113B	12	20 A	9 10	20 A	12	RECPT. MECH S120	R	540 VA	
	540 VA	R	RECPT. HEALTH STOR. S116	12	20 A	11 12	20 A	12	RECPT. BIOLOGY S123	R	180 VA	
	540 VA	R	RECPT. HEALTH STOR. S116	12	20 A	13 14	20 A	12	RECPT. BIOLOGY S123	R	180 VA	
	540 VA	R	RECPT. HEALTH STOR. S116	12	20 A	15 16	20 A	12	RECPT. BIOLOGY S123	R	180 VA	
	540 VA	R	RECPT. HEALTH S117	12	20 A	17 18	20 A	12	HOOD. BIOLOGY S123	R	1500 VA	
	720 VA	R	RECPT. HEALTH S117	12	20 A	19 20	20 A	12	FB RECPT. BIOLOGY S123	Other	360 VA	
	360 VA	R	RECPT. HEALTH S117	12	20 A	21 22	20 A	12	FB RECPT. BIOLOGY S123	Other	360 VA	
	180 VA	R	RECPT. HEALTH S117	12	20 A	23 24	20 A	12	FB RECPT. BIOLOGY S123	Other	360 VA	
	540 VA	R	RECPT. HEALTH S117	12	20 A	25 26	20 A	12	FB RECPT. BIOLOGY S123	Other	360 VA	
	1080 VA	R	RECPT. HEALTH S117	12	20 A	27 28	20 A	12	FB RECPT. BIOLOGY S123	Other	360 VA	
	250 VA	Other	HEADWALL HEALTH S117	12	20 A	29 30	20 A	12	FB RECPT. BIOLOGY S123	Other	360 VA	
	250 VA	Other	HEADWALL HEALTH S117	12	20 A	31 32	20 A	12	RECPT. BIOLOGY S123	R	900 VA	
	250 VA	Other	HEADWALL HEALTH S117	12	20 A	33 34	20 A	12	HOOD. BIOLOGY S123	R	1500 VA	
	720 VA	R	RECPT. OFFICE S119	12	20 A	35 36	20 A	12	RECPT. BIOLOGY S123	R	180 VA	
	360 VA	R	RECPT. OFFICE S119	12	20 A	37 38	20 A	12	RECPT. BIO PREP S123A	R	360 VA	
	360 VA	R	RECPT. OFFICE S118	12	20 A	39 40	20 A	12	RECPT. BIO PREP S123A	R	720 VA	
	540 VA	R	RECPT. OFFICE S118	12	20 A	41 42	20 A	12	RECPT. BIO PREP S123A	R	180 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle	18300 VA	77.32%	14150 VA	210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling			0 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans				220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 21210 VA VA = 59 A
Total Load (Diversified): 17060 VA VA = 47 A

Location of Panel: ELEC S115

Panelboard ULA SEC.3

10000 AIC Rating
X New
Existing

120/208/3 Volt, 3 Phase, 4 Wire; 1 Section; Type 1 -Nema Rating | Mains Type: MLO | 0 A MCB; 250 A BUS (Copper); ISO. GRND. BUS | X Single Double Feed - Thru | Mounting X Surface Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N...
	720 VA	R	RECPT. S105,S108(E)	12	20 A	1 2	20 A	12	RECEPT. IDF E125(E)	R	2000 VA	
	2000 VA	R	RECEPT. IDF E125(E)	12	20 A	3 4	20 A	12	RECEPT. IDF E125(E)	R	2000 VA	
	180 VA	R	RECPT. BIO PREP S123A	12	20 A	5 6	20 A	12	RECPT. CHEM. PREP S130A	R	360 VA	
	180 VA	R	RECPT. BIO PREP S123A	12	20 A	7 8	20 A	12	RECPT. CHEM. PREP S130A	R	720 VA	
	180 VA	R	RECPT. BIO PREP S123A	12	20 A	9 10	20 A	12	RECPT. CHEM. PREP S130A	R	180 VA	
	180 VA	R	RECPT. BIO PREP S123A	12	20 A	11 12	20 A	12	RECPT. CHEM. PREP S130A	R	180 VA	
	360 VA	R	RECPT. BIO PREP S123A	12	20 A	13 14	20 A	12	RECPT. CHEM. PREP S130A	R	360 VA	
	540 VA	R	RECPT. BIO PREP S123A	12	20 A	15 16	20 A	12	RECPT. CHEM. PREP S130A	R	360 VA	
1	180 VA	R	REF. BIO PREP S123A	12	20 A	17 18	20 A	12	ICE MAKER. CHEM. PREP.	R	180 VA	
	1080 VA	R	RECPT. BIOLOGY S126	12	20 A	19 20	20 A	12	FRIDGE CHEM. PREP S130A	R	180 VA	
	180 VA	R	HOOD. BIOLOGY S126	12	20 A	21 22	20 A	12	FB RECPT. CHEM. LAB S130	Other	360 VA	
	180 VA	R	RECPT. BIOLOGY S126	12	20 A	23 24	20 A	12	FB RECPT. CHEM. LAB S130	Other	360 VA	
	360 VA	Other	FB RECPT. BIOLOGY S126	12	20 A	25 26	20 A	12	FB RECPT. CHEM. LAB S130	Other	360 VA	
	360 VA	Other	FB RECPT. BIOLOGY S126	12	20 A	27 28	20 A	12	FB RECPT. CHEM. LAB S130	Other	360 VA	
	360 VA	Other	FB RECPT. BIOLOGY S126	12	20 A	29 30	20 A	12	FB RECPT. CHEM. LAB S130	Other	360 VA	
	360 VA	Other	FB RECPT. BIOLOGY S126	12	20 A	31 32	20 A	12	FB RECPT. CHEM. LAB S130	Other	360 VA	
	360 VA	Other	FB RECPT. BIOLOGY S126	12	20 A	33 34	20 A	12	HOOD. CHEM. LAB S130	R	180 VA	
	360 VA	Other	FB RECPT. BIOLOGY S126	12	20 A	35 36	20 A	12	HOOD. CHEM. LAB S130	R	180 VA	
	360 VA	Rec...	RECPT. BIOLOGY S126	12	20 A	37 38	20 A	12	HOOD. CHEM. LAB S130	R	180 VA	
	180 VA	R	HOOD. BIOLOGY S126	12	20 A	39 40	20 A	12	HOOD. CHEM. LAB S130	R	180 VA	
	360 VA	R	RECPT. BIOLOGY S126	12	20 A	41 42	20 A	12	RECPT. CHEM. LAB S130	R	360 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle	14100 VA	85.46%	12050 VA	210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling			0 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans				220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 18780 VA VA = 52 A
Total Load (Diversified): 16730 VA VA = 46 A

Location of Panel: ELEC S115

Panelboard HMA2

65000 AIC Rating
X New
Existing

277/480/3 Volt, 3 Phase, 4 Wire; 1 Section; Type 1 -Nema Rating | Mains Type: MCB | 250 A MCB; 250 A BUS (Copper); ISO. GRND. BUS | X Single Double Feed - Thru | Mounting X Surface Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N...
	8314 VA	Motor	FTU-1-3	12	20 A	1 2	--	12	Space	--	0 VA	
	--	--	--	--	--	3 4	--	12	Space	--	0 VA	
	--	--	--	--	--	5 6	--	12	Space	--	0 VA	
	16628 VA	Motor	FTU-1-10	10	25 A	7 8	--	12	Space	--	0 VA	
	--	--	--	--	--	9 10	--	12	Space	--	0 VA	
	--	--	--	--	--	11 12	--	12	Space	--	0 VA	
	6319 VA	Motor	AC-1	12	20 A	13 14	--	12	Space	--	0 VA	
	--	--	--	--	--	15 16	--	12	Space	--	0 VA	
	--	--	--	--	--	17 18	--	12	Space	--	0 VA	
	17459 VA	Motor	FTU-1-11	10	25 A	19 20	--	12	Space	--	0 VA	
	--	--	--	--	--	21 22	--	12	Space	--	0 VA	
	--	--	--	--	--	23 24	--	12	Space	--	0 VA	
	69254 VA	C	OA-RTU-01	3	90 A	25 26	--	12	Space	--	0 VA	
	--	--	--	--	--	27 28	--	12	Space	--	0 VA	
	--	--	--	--	--	29 30	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	31 32	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	33 34	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	35 36	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	37 38	30 A	10	SPD	--	0 VA	
	0 VA	--	Space	12	--	39 40	--	12	-	--	0 VA	
	0 VA	--	Space	12	--	41 42	--	12	-	--	0 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle				210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling	69254 VA	100.00%	69254 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans				220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 117974 VA VA = 142 A
Total Load (Diversified): 117974 VA VA = 142 A

Location of Panel: ELEC S115

Plot Stamp:
9/24/2025 1:12:15 AM

PBK
www.pbk.com
TX FIRM: BR 1608
SAN ANTONIO, TX
210-829-0123

LEAF ENGINEERS
601 N.W. LOOP 410, SUITE 460
SAN ANTONIO, TX 78216
210-638-7200
TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED PROFESSIONAL ENGINEER
09/24/2025

LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

ELECTRICAL PANEL SCHEDULES -AREA A

E-701

ELECTRICAL PANEL SCHEDULES -AREA B

E-702

FOR BLUEBEAM LABELINGDOOR:

0"

1"

Panelboard HMB

65000 AIC Rating
X New
Existing

277/480/3 Volt, 3 Phase, 4 Wire
1 Section
Type 1 -Nema Rating

Mains Type: MLO

0 A MCB
250 A BUS (Copper)
ISO. GRND. BUS

X Single
Double
Feed - Thru

Mounting
X Surface
Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N...
	9897 VA	C	FTU-3-1(E)	12	20 A	1 2	20 A	12	FTU-3-2(E)	C	8901 VA	
	--	--	--	--	--	3 4	--	--	--	--	--	
	--	--	--	--	--	5 6	--	--	--	--	--	
	9432 VA	C	FTU-3-3(E)	12	20 A	7 8	25 A	10	FTU-3-8	Motor	17376 VA	
	--	--	--	--	--	9 10	--	--	--	--	--	
	--	--	--	--	--	11 12	--	--	--	--	--	
	17376 VA	Motor	FTU-3-4	10	25 A	13 14	25 A	10	FTU-3-9	Motor	19288 VA	
	--	--	--	--	--	15 16	--	--	--	--	--	
	--	--	--	--	--	17 18	--	--	--	--	--	
	17376 VA	Motor	FTU-3-5	10	25 A	19 20	15 A	12	LEF-04	F	2619 VA	
	--	--	--	--	--	21 22	--	--	--	--	--	
	--	--	--	--	--	23 24	--	--	--	--	--	
	19288 VA	Motor	FTU-3-6	10	25 A	25 26	20 A	12	LVP-1 CHEM LAB S131	Motor	7982 VA	
	--	--	--	--	--	27 28	--	--	--	--	--	
	--	--	--	--	--	29 30	--	--	--	--	--	
	17376 VA	Motor	FTU-3-7	10	25 A	31 32	20 A	12	RTU-5	C	9145 VA	
	--	--	--	--	--	33 34	--	--	--	--	--	
	--	--	--	--	--	35 36	--	--	--	--	--	
	6000 VA	Motor	TWH1	12	20 A	37 38	20 A	12	CU-4(E)	C	10629 VA	
	--	--	--	--	--	39 40	--	--	--	--	--	
	--	--	--	--	--	41 42	--	--	--	--	--	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle				210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling	48004 VA	100.00%	48004 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans	2619 VA	100.00%	2619 VA	220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 172685 VA VA = 208 A
Total Load (Diversified): 172685 VA VA = 208 A

Location of Panel: ELEC E149

Panelboard HA

65000 AIC Rating
X New
Existing

277/480/3 Volt, 3 Phase, 4 Wire
1 Section
Type 1 -Nema Rating

Mains Type: MLO

0 A MCB
200 A BUS (Copper)
ISO. GRND. BUS

X Single
Double
Feed - Thru

Mounting
X Surface
Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N...
	32242 VA	Oth...	TLA	4	70 A	1 2	125 A	1	TLB	Oth...	58190 VA	
	--	--	--	--	--	3 4	--	--	--	--	--	
	--	--	--	--	--	5 6	--	--	--	--	--	
	21708 VA	Oth...	TLC	4	70 A	7 8	20 A	12	CU-8(E)	C	10629 VA	
	--	--	--	--	--	9 10	--	--	--	--	--	
	--	--	--	--	--	11 12	--	--	--	--	--	
	58363 VA	C	OA-RTU-02	3	90 A	13 14	15 A	12	LEF-02	F	2619 VA	
	--	--	--	--	--	15 16	--	--	--	--	--	
	--	--	--	--	--	17 18	--	--	--	--	--	
	2619 VA	F	LEF-01	12	15 A	19 20						
	--	--	--	--	--	21 22						
	--	--	--	--	--	23 24						
	0 VA	--	Space	12	--	25 26	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	27 28	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	29 30	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	31 32	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	33 34	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	35 36	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	37 38	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	39 40	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	41 42	--	12	Space	--	0 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle	64480 VA	57.75%	37240 VA	210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling	83136 VA	100.00%	83136 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans	11894 VA	100.00%	11894 VA	220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 186370 VA VA = 224 A
Total Load (Diversified): 159130 VA VA = 191 A

Location of Panel: ELEC E149

Panelboard HL

65000 AIC Rating
X New
Existing

277/480/3 Volt, 3 Phase, 4 Wire
1 Section
Type 1 -Nema Rating

Mains Type: MLO

0 A MCB
100 A BUS (Copper)
ISO. GRND. BUS

X Single
Double
Feed - Thru

Mounting
X Surface
Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N...
	3211 VA	Oth...	LIGHTING A	12	20 A	1 2	20 A	12	LIGHTING C	Ligh...	2067 VA	
	4166 VA	Ligh...	LIGHTING A	12	20 A	3 4	20 A	12	LIGHTING C	Ligh...	1380 VA	
	145 VA	Other	BUG EYES A	12	20 A	5 6	20 A	12	LIGHTING C	Ligh...	3381 VA	
	756 VA	Ligh...	CORRIDOR LIGHTING A	12	20 A	7 8	20 A	12	CORRIDOR LIGHTING C	Ligh...	1100 VA	
	1501 VA	Ligh...	LIGHTING A (E)	12	20 A	9 10	20 A	12	LIGHTING C(E)	Ligh...	2605 VA	
	708 VA	Ligh...	LIGHTING C	12	20 A	11 12	20 A	12	EXISTING LIGHTING	--	0 VA	
	0 VA	--	EXISTING LIGHTING	12	20 A	13 14	20 A	12	BUG EYES C	Other	65 VA	
	6000 VA	Motor	EWH-1	8	40 A	15 16	20 A	12	LVP-1 BIO LAB S124	Motor	11973 VA	
						17 18	--	--	--	--	--	
						19 20	--	--	--	--	--	
						21 22	20 A	12	Motor	Motor	7982 VA	
	11973 VA	Motor	LVP-1 CHEM LAB S131	12	20 A	23 24	--	--	--	--	--	
	--	--	--	--	--	25 26	--	--	--	--	--	
	--	--	--	--	--	27 28						
	7982 VA	Motor	LVP-1 BIO LAB S127	12	20 A	29 30						
	--	--	--	--	--	31 32						
	--	--	--	--	--	33 34						
	7982 VA	Motor	LVP-1 BIO LAB S127	12	20 A	35 36						
	--	--	--	--	--	37 38						
	--	--	--	--	--	39 40						
						41 42						

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle				210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling			0 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans				220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 74977 VA VA = 90 A
Total Load (Diversified): 74977 VA VA = 90 A

Location of Panel: ELEC E149

Panelboard LB

10000 AIC Rating
X New
Existing

120/208/3 Volt, 3 Phase, 4 Wire
2 Section
Type 1 -Nema Rating

Mains Type: MCB

250 A MCB
250 A BUS (Copper)
ISO. GRND. BUS

Single
X Double
Feed - Thru

Mounting
X Surface
Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N...
	4056 VA	C	CU-3/AC-3(E)	10	30 A	1 2	15 A	12	AC-4,5,9,10(E)	Other	836 VA	
	--	--	--	--	--	3 4	--	--	--	--	--	
	4056 VA	C	CU-7/AC-7(E)	10	25 A	5 6	20 A	12	ROOFTOP RECPT./EF-2(E)	Oth...	900 VA	
	--	--	--	--	--	7 8	20 A	12	RECEPT. SC1,SC7(E)	R	720 VA	
	0 VA	--	Spare	12	20 A	9 10	20 A	12	RECEPT. BREAKROOM S131(E)	R	540 VA	
	900 VA	R	RECEPT. BREAKROOM S131(E)	12	20 A	11 12	20 A	12	RECEPT. BREAKROOM S131(E)	R	720 VA	
	180 VA	R	RECEPT. BREAKROOM S131(E)	12	20 A	13 14	20 A	12	RECEPT. BREAKROOM S131(E)	R	180 VA	
	180 VA	R	RECEPT. BREAKROOM S131(E)	12	20 A	15 16	20 A	12	RECEPT. BREAKROOM S131(E)	R	180 VA	
	360 VA	R	RECEPT. BREAKROOM S131(E)	12	20 A	17 18	20 A	12	RECEPT. VENDING S131C(E)	R	180 VA	
	180 VA	R	RECEPT. VENDING S131C(E)	12	20 A	19 20	20 A	12	RECEPT. VENDING S131C(E)	R	1500 VA	
	1500 VA	R	RECEPT. VENDING S131C(E)	12	20 A	21 22	20 A	12	RECEPT. VENDING S131C(E)	R	1500 VA	
	1500 VA	R	RECEPT. BREAK S131C(E)	12	20 A	23 24	20 A	12	RECEPT. VENDING S131C(E)	R	1500 VA	
	1500 VA	R	RECEPT. VENDING S131C(E)	12	20 A	25 26	20 A	12	RECEPT. VENDING S131C(E)	R	1500 VA	
	1500 VA	R	RECEPT. VENDING S131C(E)	12	20 A	27 28	20 A	12	RELCEPT. VENDING S131C(E)	R	1500 VA	
	180 VA	R	RECEPT. BREAKROOM...	12	20 A	29 30	20 A	12	RECEPT. BREAKROOM...	R	180 VA	
	180 VA	R	RECEPT. BREAKROOM...	12	20 A	31 32	20 A	12	RECEPT. BREAKROOM...	R	180 VA	
	180 VA	R	RECEPT. BREAKROOM...	12	20 A	33 34	20 A	12	RECEPT. MOTHER. S132(E)	R	180 VA	
	1080 VA	R	RECPT.S131E, S132,S131C(E)	12	20 A	35 36	20 A	12	RECEPT.RR S133,S134(E)	R	720 VA	
	360 VA	R	RECPT. WATERFOUNTAIN(E)	12	20 A	37 38	20 A	12	RECPT. E150,E147B,E143B(E)	R	1260 VA	
	1440 VA	R	RECPT....	12	20 A	39 40	20 A	12	RECPT. WATERFOUNTAIN(E)	R	360 VA	
	1080 VA	R	RECEPT. LAB....	12	20 A	41 42	20 A	12	RECEPT. BREAKROOM S131(E)	R	540 VA	
	720 VA	R	RECPT....	12	20 A	43 44	20 A	12	RECEPT. MDF. E149(E)	R	720 VA	
	1080 VA	R	RECEPT. MDF. E149(E)	12	20 A	45 46	20 A	12	RECEPT. MDF. E149(E)	Other	2000 VA	
	2000 VA	Other	RECEPT. MDF. E149(E)	12	20 A	47 48	20 A	12	RECEPT. MDF. E149(E)	Other	2000 VA	
	2000 VA	Other	RECEPT. MDF. E149(E)	12	20 A	49 50	20 A	12	RECEPT. CLOSET. E147B(E)	R	180 VA	
	180 VA	R	RECEPT. MDF. E149(E)	12	20 A	51 52	20 A	12	RECEPT. WORKRM. E106(E)	R	180 VA	
	180 VA	R	RECEPT. MDF. E149(E)	12	20 A	53 54	20 A	12	RECEPT. WORKRM. E106(E)	R	180 VA	
	250 VA	Other	AC-11	12	20 A	55 56	20 A	12	RECEPT. WORKRM. E106(E)	R	180 VA	
	--	--	--	--	--	57 58	20 A	12	LOAD BANK BLOWER...	R	200 VA	
	800 VA	Other	DOOR OP.. BREAKROOM..	12	20 A	59 60	20 A	12	GEN. BATT. CHARGER(E)	R	1200 VA	
	800 VA	Other	DOOR OP. EC7,E141(E)	12	20 A	61 62	20 A	12	GEN. BLOCK HEATER(E)	R	200 VA	
	800 VA	Other	DOOR OP.RR S133, S134(E)	12	20 A	63 64	--	12	Space	--	0 VA	
	540 VA	R	RECEPT. BREAKROOM...	12	20 A	65 66	20 A	12	RECEPT. VENDING S131C(E)	R	180 VA	
	2704 VA	C	CU-1B	12	20 A	67 68	--	12	Space	--	0 VA	
	--	--	--	--	--	69 70	--	12	Space	--	0 VA	
	3328 VA	C	CU-2B	12	20 A	71 72	--	12	Space	--	0 VA	
	--	--	--	--	--	73 74	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	75 76	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	77 78	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	79 80	30 A	10	SPD	--	0 VA	
	0 VA	--	Space	12	--	81 82	--	12	-	--	0 VA	
	0 VA	--	Space	12	--	83 84	--	12	-	--	0 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle	31660 VA	65.79%	20830 VA	210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling	14144 VA	100.00%	14144 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans				220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 58190 VA VA = 162 A
Total Load (Diversified): 47360 VA VA = 131 A

Location of Panel: ELEC E149

Panelboard ULB SEC.1

10000 AIC Rating
X New
Existing

120/208/3 Volt, 3 Phase, 4 Wire
1 Section
Type 1 -Nema Rating

Mains Type: MLO

0 A MCB
150 A BUS (Copper)
ISO. GRND. BUS

X Single
Double
Feed - Thru

Mounting
X Surface
Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N...
	720 VA	R	RECPT. INSTRUCT. IDF E146	12	20 A	1 2	20 A	12	RECPT. CLASSROOM E136	R	900 VA	
	720 VA	R	RECPT. INSTRUCT. IDF E146	12	20 A	3 4	20 A	12	RECPT. CLASSROOM E136	R	360 VA	
	180 VA	R	RECPT. INSTRUCT. IDF E146	12	20 A	5 6	20 A	12	RECPT. CLASSROOM E102	R	900 VA	
	360 VA	R	RECPT. INSTRUCT. IDF E146	12	20 A	7 8	20 A	12	RECPT. CLASSROOM E102	R	900 VA	
	360 VA	R	RECPT. INSTRUCT. IDF E146	12	20 A	9 10	20 A	12	RECPT. CLASSROOM E102	R	360 VA	
	900 VA	R	RECPT. CLASSROOM E139	12	20 A	11 12	20 A	12	RECPT. CLASSROOM E104	R	900 VA	
	900 VA	R	RECPT. CLASSROOM E139	12	20 A	13 14	20 A	12	RECPT. CLASSROOM E104	R	900 VA	
	360 VA	R	RECPT. CLASSROOM E139	12	20 A	15 16	20 A	12	RECPT. CLASSROOM E104	R	360 VA	
	900 VA	R	RECPT. CLASSROOM E137	12	20 A	17 18	20 A	12	RECPT. CLASSROOM E107	R	900 VA	
	360 VA	R	RECPT. CLASSROOM E137	12	20 A	19 20	20 A	12	RECPT. CLASSROOM E107	R	720 VA	
	900 VA	R	RECPT. CLASSROOM E137	12	20 A	21 22	20 A	12	RECPT. CLASSROOM E107	R	360 VA	
	1080 VA	R	RECPT. CLASSROOM E136	12	20 A	23 24	20 A	12	RECPT. STUDY E108	R	360 VA	
	900 VA	R	RECEPT. POLICE.. S102(E)	12	20 A	25 26	20 A	12	RECEPT. POLICE. S102(E)	R	720 VA	
	1080 VA	R	RECEPT. POLICE. S102(E)	12	20 A	27 28	20 A	12	RECEPT. E130,E105(E)	R	720 VA	
	1080 VA	Oth...	RECEPT.. E101,E138(E)	12	20 A	29 30	20 A	12	RECEPT. STOR. E148(E)	R	720 VA	
	360 VA	R	RECEPT. STOR. E148(E)	12	20 A	31 32	20 A	12	RECEPT. IDF. E146(E)	R	360 VA	
	1440 VA	R	RECEPT. STOR. E148(E)	12	20 A	33 34	20 A	12	RECEPT. STOR. E148(E)	R	1440 VA	
	900 VA	R	RECEPT. STOR. E148(E)	12	20 A	35 36	20 A	12	RECEPT. STOR. E148(E)	R	900 VA	
	540 VA	R	RECEPT. STOR. E148(E)	12	20 A	37 38	20 A	12	RECEPT. LAB. E147(E)	R	1080 VA	
	1080 VA	R	RECEPT. LAB. E147(E)	12	20 A	39 40	20 A	12	RECEPT. LAB. E147(E)	R	1080 VA	
	1080 VA	R	RECEPT. LAB. E147(E)	12	20 A	41 42	20 A	12	RECEPT. LAB. E143(E)	R	1080 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle	31860 VA	65.69%	20930 VA	210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling			0 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans				220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 32220 VA VA = 89 A
Total Load (Diversified): 21290 VA VA = 59 A

Location of Panel: ELEC E149

Panelboard ULB SEC.2

10000 AIC Rating
X New
Existing

120/208/3 Volt, 3 Phase, 4 Wire
1 Section
Type 1 -Nema Rating

Mains Type: MLO

0 A MCB
150 A BUS (Copper)
ISO. GRND. BUS

X Single
Double
Feed - Thru

Mounting
X Surface
Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N...
	1080 VA	R	RECEPT. LAB. E143(E)	12	20 A	1 2	20 A	12	RECEPT. LAB. E143(E)	R	1080 VA	
	1080 VA	R	RECEPT. LAB. E143(E)	12	20 A	3 4	20 A	12	RECEPT. LAB. E142(E)	R	1080 VA	
	1080 VA	R	RECEPT. LAB. E143(E)	12	20 A	5 6	20 A	12	RECEPT. LAB. E143(E)	R	1080 VA	
	1080 VA	R	RECEPT. LAB. E143(E)	12	20 A	7 8	20 A	12	RECEPT. LAB....	Other	1080 VA	
	2000 VA	R	RECEPT. MDF E148(E)	12	20 A	9 10	20 A	12	RECEPT. MDF E148(E)	R	2000 VA	
	2000 VA	R	RECEPT. MDF E148(E)	12	20 A	11 12	20 A	12	RECEPT. MDF E148(E)	R	2000 VA	
	180 VA	R	RECEPT. MDF. E149(E)	12	20 A	13 14	20 A	12	EXISTING FIRE ALARM PANEL	--	0 VA	
	180 VA	R	RECEPT. MDF. E149(E)	12	20 A	15 16	20 A	12	RECEPT. STOR. E145(E)	R	360 VA	
	1440 VA	R	RECEPT. LAB....	12	20 A	17 18	20 A	12	RECEPT. STOR. E145(E)	R	360 VA	
	250 VA	Other	FURN. MAIN. E144(E)	12	20 A	19 20	20 A	12	RECEPT. LAB. E147(E)	R	360 VA	
	360 VA	R	RECPT.STUDY E108	12	20 A	21 22	20 A	12	Spare	--	0 VA	
	360 VA	R	RECPT.STUDY E108	12	20 A	23 24	--	12	Space	--	0 VA	
	360 VA	R	RECPT.STUDY E108	12	20 A	25 26	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	27 28	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	29 30	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	31 32	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	33 34	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	35 36	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	37 38	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	39 40	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	41 42	--	12	Space	--	0 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle	19520 VA	75.61%	14760 VA	210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling			0 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans				220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 20850 VA VA = 58 A
Total Load (Diversified): 16090 VA VA = 45 A

Location of Panel: ELEC E149

Plot Stamp:
9/24/2025 1:12:21 AM

PBK
www.pbk.com
TX FIRM: BR 1608
SAN ANTONIO, TX
210-829-0123

LEAF ENGINEERS
601 N.W. LOOP 410, SUITE 460
SAN ANTONIO, TX 78216
210-638-7200
TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO. 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED PROFESSIONAL ENGINEER

09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

ELECTRICAL PANEL SCHEDULES -AREA B

E-702

0"

1"

ELECTRICAL PANEL SCHEDULES -AREA C
E-703
FOR BLUEBEAM LABELING/OCR:

Panelboard HMC SEC.1

65000 AIC Rating
X New
Existing

277/480/3 Volt, 3 Phase, 4 Wire
1 Section
Type 1 -Nema Rating

Mains Type: MLO

0 A MCB
250 A BUS (Copper)
ISO. GRND. BUS

X Single
Double
Feed - Thru

Mounting
X Surface
Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N..
	17376 VA	Motor	FTU-4-1	10	25 A	1 2	25 A	10	FTU-4-2	Motor	17376 VA	
	--	--	--	--	--	3 4	--	--	--	--	--	
	--	--	--	--	--	5 6	--	--	--	--	--	
	17376 VA	Motor	FTU-4-3	10	25 A	7 8	25 A	10	FTU-4-4	Motor	17376 VA	
	--	--	--	--	--	9 10	--	--	--	--	--	
	--	--	--	--	--	11 12	--	--	--	--	--	
	17376 VA	Motor	FTU-4-5	10	25 A	13 14	20 A	12	FTU-4-6	Motor	17376 VA	
	--	--	--	--	--	15 16	--	--	--	--	--	
	--	--	--	--	--	17 18	--	--	--	--	--	
	4251 VA	C	FTU-4-7(E)	12	20 A	19 20	20 A	12	FTU-4-8(E)	C	3720 VA	
	--	--	--	--	--	21 22	--	--	--	--	--	
	--	--	--	--	--	23 24	--	--	--	--	--	
	6843 VA	C	FTU-4-9(E)	12	20 A	25 26	20 A	12	FTU-4-10(E)	C	4716 VA	
	--	--	--	--	--	27 28	--	--	--	--	--	
	--	--	--	--	--	29 30	--	--	--	--	--	
	4716 VA	C	FTU-4-11(E)	12	20 A	31 32	25 A	10	FTU-4-13	Motor	18623 VA	
	--	--	--	--	--	33 34	--	--	--	--	--	
	--	--	--	--	--	35 36	--	--	--	--	--	
	17376 VA	Motor	FTU-4-12	10	25 A	37 38	--	12	Space	--	0 VA	
	--	--	--	--	--	39 40	--	12	Space	--	0 VA	
	--	--	--	--	--	41 42	--	12	Space	--	0 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle				210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling	24246 VA	100.00%	24246 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans				220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 164501 VA VA = 198 A
Total Load (Diversified): 164501 VA VA = 198 A

Location of Panel: ELEC E117

Panelboard HMC SEC.2

65000 AIC Rating
X New
Existing

277/480/3 Volt, 3 Phase, 4 Wire
1 Section
Type 1 -Nema Rating

Mains Type: MLO

0 A MCB
250 A BUS (Copper)
ISO. GRND. BUS

X Single
Double
Feed - Thru

Mounting
X Surface
Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N..
	500 VA	F	EF-1C	12	20 A	1 2	40 A	8	IWH-3	Motor	6000 VA	
	500 VA	F	EF-3C	12	20 A	3 4	--	12	Space	--	0 VA	
	500 VA	F	EF-2C	12	20 A	5 6	--	12	Space	--	0 VA	
	500 VA	F	EF-4C	12	20 A	7 8	20 A	12	IWH1-3(E)	Other	4100 VA	
	0 VA	--	Space	12	--	9 10	20 A	12	IWH1-4(E)	Other	4100 VA	
	0 VA	--	Space	12	--	11 12	20 A	12	IWH2-2(E)	Other	6000 VA	
	0 VA	--	Space	12	--	13 14	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	15 16	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	17 18	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	19 20	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	21 22	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	23 24	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	25 26	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	27 28	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	29 30	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	31 32	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	33 34	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	35 36	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	37 38	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	39 40	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	41 42	--	12	Space	--	0 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle				210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling			0 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans	2000 VA	100.00%	2000 VA	220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 22200 VA VA = 27 A
Total Load (Diversified): 22200 VA VA = 27 A

Location of Panel: ELEC E117

Panelboard LC

10000 AIC Rating
X New
Existing

120/208/3 Volt, 3 Phase, 4 Wire
1 Section
Type 1 -Nema Rating

Mains Type: MCB

150 A MCB
150 A BUS (Copper)
ISO. GRND. BUS

X Single
Double
Feed - Thru

Mounting
X Surface
Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N..
	250 VA	Other	AC-6(E)	12	20 A	1 2	20 A	12	AC-7(E)	Other	250 VA	
	--	--	--	--	--	3 4	--	--	--	--	--	
	360 VA	Oth..	Receptacle	12	20 A	5 6	20 A	12	RECEPT. WATERFOUNTAIN(E)	R	360 VA	
	360 VA	R	RECEPT. CORR. EC3(E)	12	20 A	7 8	20 A	12	RECEPT. COPY. E121(E)	R	720 VA	
	720 VA	Oth..	RECEPT. CONF. E122(E)	12	20 A	9 10	20 A	12	RECEPT. COPY. E121(E)	R	180 VA	
	180 VA	R	RECEPT. COPY. E121(E)	12	20 A	11 12	20 A	12	RECEPT. COPY. E121(E)	R	180 VA	
	720 VA	R	RECPT. E119,,	12	20 A	13 14	20 A	12	RECEPT. CORR. EC4(E)	R	360 VA	
	1620 VA	R	RECEPT. RR E115,E114(E)	12	20 A	15 16	20 A	12	RECPT.CONF. E109,E112(E)	Oth..	1260 VA	
	720 VA	R	RECEPT. E130-132,E110(E)	12	20 A	17 18	20 A	12	RECPT.CONF. E109(E)	Oth..	1260 VA	
	720 VA	R	RECEPT. EC2,EC5,E106(E)	12	20 A	19 20	20 A	12	RECPT. E119,,,,	R	1260 VA	
	540 VA	R	RECEPT. E134,E110(E)	12	20 A	21 22	20 A	12	RECEPT. IDF E116(E)	R	1080 VA	
	1080 VA	R	RECEPT. IDF E116(E)	12	20 A	23 24	20 A	12	RECEPT. IDF E116(E)	R	2000 VA	
	2000 VA	R	RECEPT. IDF E116(E)	12	20 A	25 26	20 A	12	RECEPT. IDF E116(E)	R	2000 VA	
	200 VA	Motor	VAV-4-1(E)	12	20 A	27 28	20 A	12	DOOR OPERATOR E115,E114(E	Other	800 VA	
	528 VA	Other	CP-2	12	20 A	29 30	20 A	12	Spare	--	0 VA	
	0 VA	--	Spare	12	20 A	31 32	20 A	12	Spare	--	0 VA	
	0 VA	--	Spare	12	20 A	33 34	20 A	12	Spare	--	0 VA	
	0 VA	--	Spare	12	20 A	35 36	20 A	12	Spare	--	0 VA	
	0 VA	--	Space	12	--	37 38	20 A	12	SPD	--	0 VA	
	0 VA	--	Space	12	--	39 40	--	12	-	--	0 VA	
	0 VA	--	Space	12	--	41 42	--	12	-	--	0 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle	18240 VA	77.41%	14120 VA	210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling			0 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans				220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 21708 VA VA = 60 A
Total Load (Diversified): 17588 VA VA = 49 A

Location of Panel: ELEC E117

Panelboard ULC SEC.1

10000 AIC Rating
X New
Existing

120/208/3 Volt, 3 Phase, 4 Wire
1 Section
Type 1 -Nema Rating

Mains Type: MCB

250 A MCB
250 A BUS (Copper)
ISO. GRND. BUS

X Single
Double
Feed - Thru

Mounting
X Surface
Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N..
	1080 VA	R	RECEPT. ELEC. LAB E113	12	20 A	1 2	20 A	12	RECEPT. ELEC. LAB E120	R	180 VA	
	1080 VA	R	RECEPT. ELEC. LAB E113	12	20 A	3 4	20 A	12	RECEPT. ELEC. LAB E120	R	180 VA	
	360 VA	R	RECEPT. ELEC. LAB E113	12	20 A	5 6	20 A	12	RECEPT. ELEC. LAB E120	R	180 VA	
	180 VA	R	RECEPT. ELEC. LAB E113	12	20 A	7 8	20 A	12	RECEPT. ELEC. LAB E120	R	180 VA	
	180 VA	R	RECEPT. ELEC. LAB E113	12	20 A	9 10	20 A	12	RECEPT. ELEC. LAB E120	R	180 VA	
	180 VA	R	RECEPT. ELEC. LAB E113	12	20 A	11 12	20 A	12	RECEPT. ELEC. LAB E120	R	180 VA	
	180 VA	R	RECEPT. ELEC. LAB E113	12	20 A	13 14	20 A	12	RECEPT. ELEC. LAB E120	R	720 VA	
	180 VA	R	RECEPT. ELEC. LAB E113	12	20 A	15 16	20 A	12	RECEPT. ELEC. LAB E120	R	540 VA	
	180 VA	R	RECEPT. ELEC. LAB E113	12	20 A	17 18	20 A	12	RECEPT. CLASSROOM E123	R	900 VA	
	180 VA	R	RECEPT. ELEC. LAB E113	12	20 A	19 20	20 A	12	RECEPT. CLASSROOM E123	R	900 VA	
	180 VA	R	RECEPT. ELEC. LAB E113	12	20 A	21 22	20 A	12	RECEPT. CLASSROOM E123	R	360 VA	
	180 VA	R	RECEPT. ELEC. LAB E113	12	20 A	23 24	20 A	12	RECEPT. LOUNGE E124	R	180 VA	
	180 VA	R	RECEPT. ELEC. LAB E113	12	20 A	25 26	20 A	12	RECEPT. LOUNGE E124	R	180 VA	
	180 VA	R	RECEPT. ELEC. LAB E113	12	20 A	27 28	20 A	12	RECEPT. LOUNGE E124	R	180 VA	
	180 VA	R	RECEPT. ELEC. LAB E113	12	20 A	29 30	20 A	12	RECEPT. LOUNGE E124	R	180 VA	
	720 VA	R	RECEPT. LAB STOR. E113A	12	20 A	31 32	20 A	12	RECEPT. LOUNGE E124	R	180 VA	
	540 VA	R	RECEPT. LAB STOR. E113A	12	20 A	33 34	20 A	12	RECEPT. LOUNGE E124	R	180 VA	
	1080 VA	R	RECEPT. ELEC. LAB E120	12	20 A	35 36	20 A	12	RECEPT. LOUNGE E124	R	180 VA	
	360 VA	R	RECEPT. ELEC. LAB E120	12	20 A	37 38	20 A	12	RECEPT. CONF. E124	R	180 VA	
	180 VA	R	RECEPT. ELEC. LAB E120	12	20 A	39 40	20 A	12	RECEPT. CLASSROOM E125	R	360 VA	
	180 VA	R	RECEPT. ELEC. LAB E120	12	20 A	41 42	20 A	12	RECEPT. CLASSROOM E125	R	900 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle	14940 VA	83.47%	12470 VA	210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling			0 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans				220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 14940 VA VA = 41 A
Total Load (Diversified): 12470 VA VA = 35 A

Location of Panel: ELEC E117

Panelboard ULC SEC.2

10000 AIC Rating
X New
Existing

120/208/3 Volt, 3 Phase, 4 Wire
1 Section
Type 1 -Nema Rating

Mains Type: MLO

0 A MCB
250 A BUS (Copper)
ISO. GRND. BUS

X Single
Double
Feed - Thru

Mounting
X Surface
Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N..
	900 VA	R	RECEPT. CLASSROOM E125	12	20 A	1 2	20 A	12	Spare	--	0 VA	
	900 VA	R	RECEPT. TECH. E126	12	20 A	3 4	20 A	12	Spare	--	0 VA	
	720 VA	R	RECEPT. TECH. E126	12	20 A	5 6	20 A	12	Spare	--	0 VA	
	540 VA	R	RECEPT. TECH. E126	12	20 A	7 8	20 A	12	Spare	--	0 VA	
	180 VA	R	RECEPT. TECH. E126	12	20 A	9 10	20 A	12	Spare	--	0 VA	
	180 VA	R	RECEPT. TECH. E126	12	20 A	11 12	20 A	12	Spare	--	0 VA	
	180 VA	R	RECEPT. TECH. E126	12	20 A	13 14	20 A	12	Spare	--	0 VA	
	180 VA	R	RECEPT. TECH. E126	12	20 A	15 16	20 A	12	Spare	--	0 VA	
	180 VA	R	RECEPT. TECH. E126	12	20 A	17 18	20 A	12	Spare	--	0 VA	
	360 VA	R	RECEPT. STOR. E129	12	20 A	19 20	20 A	12	Spare	--	0 VA	
	720 VA	R	RECEPT. STOR. E129	12	20 A	21 22	20 A	12	Spare	--	0 VA	
	720 VA	R	RECEPT. STOR. E129	12	20 A	23 24	20 A	12	Spare	--	0 VA	
	1080 VA	R	RECEPT. TECH. E135	12	20 A	25 26	20 A	12	Spare	--	0 VA	
	900 VA	R	RECEPT. TECH. E135	12	20 A	27 28	20 A	12	Spare	--	0 VA	
	180 VA	R	RECEPT. TECH. E135	12	20 A	29 30	20 A	12	Spare	--	0 VA	
	180 VA	R	RECEPT. TECH. E135	12	20 A	31 32	20 A	12	Spare	--	0 VA	
	180 VA	R	RECEPT. TECH. E135	12	20 A	33 34	20 A	12	Spare	--	0 VA	
	180 VA	R	RECEPT. TECH. E135	12	20 A	35 36	20 A	12	Spare	--	0 VA	
	180 VA	R	RECEPT. TECH. E135	12	20 A	37 38	20 A	12	Spare	--	0 VA	
						39 40	20 A	12	Spare	--	0 VA	
	0 VA	--	Spare	12	20 A	41 42	20 A	12	Spare	--	0 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle	8640 VA	100.00%	8640 VA	210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling			0 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans				220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 8640 VA VA = 24 A
Total Load (Diversified): 8640 VA VA = 24 A

Location of Panel: ELEC E117

Panelboard ULC SEC.3

10000 AIC Rating
X New
Existing

120/208/3 Volt, 3 Phase, 4 Wire
1 Section
Type 1 -Nema Rating

Mains Type: MLO

0 A MCB
250 A BUS (Copper)
ISO. GRND. BUS

X Single
Double
Feed - Thru

Mounting
X Surface
Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N..
	0 VA	--	Spare	12	20 A	1 2	20 A	12	Spare	--	0 VA	
	0 VA	--	Spare	12	20 A	3 4	20 A	12	Spare	--	0 VA	
	0 VA	--	Spare	12	20 A	5 6	20 A	12	Spare	--	0 VA	
	0 VA	--	Spare	12	20 A	7 8	20 A	12	Spare	--	0 VA	
	0 VA	--	Spare	12	20 A	9 10	20 A	12	Spare	--	0 VA	
	0 VA	--	Spare	12	20 A	11 12	20 A	12	Spare	--	0 VA	
	0 VA	--	Spare	12	20 A	13 14	20 A	12	RECEPT. IDF E116(E)	R	2000 VA	
	0 VA	--	Spare	12	20 A	15 16	20 A	12	RECEPT. IDF E116(E)	R	2000 VA	
	0 VA	--	Spare	12	20 A	17 18	20 A	12	RECEPT. IDF E116(E)	R	2000 VA	
	720 VA	R	RECEPT. E134,E111(E)	12	20 A	19 20	20 A	12	Spare	--	0 VA	
	0 VA	--	Spare	12	20 A	21 22	20 A	12	Spare	--	0 VA	
	0 VA	--	Spare	12	20 A	23 24	20 A	12	Spare	--	0 VA	
	0 VA	--	Spare	12	20 A	25 26	20 A	12	Spare	--	0 VA	
	0 VA	--	Space	12	--	27 28	20 A	12	Spare	--	0 VA	
	0 VA	--	Space	12	--	29 30	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	31 32	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	33 34	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	35 36	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	37 38	30 A	10	SPD	--	0 VA	
	0 VA	--	Space	12	--	39 40	--	12	-	--	0 VA	
	0 VA	--	Space	12	--	41 42	--	12	-	--	0 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle	6720 VA	100.00%	6720 VA	210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling			0 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans				220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 6720 VA VA = 19 A
Total Load (Diversified): 6720 VA VA = 19 A

Location of Panel: ELEC E117

Panelboard SC

10000 AIC Rating
X New
Existing

120/240/3 Volt, 3 Phase, 4 Wire
1 Section
Type 1 -Nema Rating

Mains Type: MCB

200 A MCB
200 A BUS (Copper)
ISO. GRND. BUS

X Single
Double
Feed - Thru

Mounting
X Surface
Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N..
	0 VA	--	Space	12	--	1 2	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	3 4	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	5 6	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	7 8	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	9 10	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	11 12	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	13 14	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	15 16	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	17 18	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	19 20	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	21 22	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	23 24	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	25 26	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	27 28	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	29 30	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	31 32	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	33 34	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	35 36	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	37 38	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	39 40	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	41 42	--	12	Space	--	0 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle				210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling			0 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans				220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 0 VA VA = 0 A
Total Load (Diversified): 0 VA VA = 0 A

Location of Panel: RESIDENTIAL ELECTRICAL LAB E120

Panelboard LC2

10000 AIC Rating
X New
Existing

120/240/3 Volt, 3 Phase, 4 Wire
1 Section
Type 1 -Nema Rating

Mains Type: MCB

400 A MCB
400 A BUS (Copper)
ISO. GRND. BUS

X Single
Double
Feed - Thru

Mounting
X Surface
Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N..
	180 VA	Rec..	RECPT. TECH E135	12	20 A	1 2	--	12	Space	--	0 VA	
	--	--	--	--	--	3 4	--	12	Space	--	0 VA	
	--	--	--	--	--	5 6	--	12	Space	--	0 VA	
	180 VA	Rec..	RECPT. TECH E126	12	20 A	7 8	--	12	Space	--	0 VA	
	--	--	--	--	--	9 10	--	12	Space	--	0 VA	
	--	--	--	--	--	11 12	--	12	Space	--	0 VA	
	180 VA	Rec..	RECPT. LAB E120	12	20 A	13 14	--	12	Space	--	0 VA	
	--	--	--	--	--	15 16	--	12	Space	--	0 VA	
	--	--	--	--	--	17 18	--	12	Space	--	0 VA	
	180 VA	Rec..	RECPT. LAB E113	12	20 A	19 20	--	12	Space	--	0 VA	
	--	--	--	--	--	21 22	--	12	Space	--	0 VA	
	--	--	--	--	--	23 24	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	25 26	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	27 28	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	29 30	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	31 32	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	33 34	--	12	Space	--	0 VA	
	0 VA	--	Space	12	--	35 36	--	12	Space	--	0 VA	
	0 VA	SP	SC	3/0	200 A	37 38	30 A	10	SPD	--	0 VA	
	--	--	--	--	--	39 40	--	12	-	--	0 VA	
	--	--	--	--	--	41 42	--	12	-	--	0 VA	

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle				210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling			0 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans				220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 720 VA VA = 2 A
Total Load (Diversified): 720 VA VA = 2 A

Location of Panel: ELEC E117

Panelboard HMC2

65000 AIC Rating
X New
Existing

277/480/3 Volt, 3 Phase, 4 Wire
1 Section
Type 1 -Nema Rating

Mains Type: MCB

0 A MCB
250 A BUS (Copper)
ISO. GRND. BUS

X Single
Double
Feed - Thru

Mounting
X Surface
Flush

Note	Load...	Type	Description	Wire	CB	CKT	CB	Wire	Description	Type	Load...	N..
	8730 VA	Motor	VAV-4-5	12	20 A	1 2	25 A	10	FTU-4-14	Motor	22530 VA	
	--	--	--	--	--	3 4	--	--	--	--	--	
	--	--	--	--	--	5 6	--	--	--	--	--	
	11224 VA	Motor	VAV-4-4	12	20 A	7 8						
	--	--	--	--	--	9 10						
	--	--	--	--	--	11 12						
	11224 VA	Motor	VAV-4-3	12	20 A	13 14						
	--	--	--	--	--	15 16						
	--	--	--	--	--	17 18						
	8148 VA	Motor	VAV-4-2	12	20 A	19 20						
	--	--	--	--	--	21 22						
	--	--	--	--	--	23 24						
	21782 VA	Motor	FTU-4-17	10	30 A	25 26						
	--	--	--	--	--	27 28						
	--	--	--	--	--	29 30						
	21782 VA	Motor	FTU-4-16	10	30 A	31 32						
	--	--	--	--	--	33 34						
	--	--	--	--	--	35 36						
	22530 VA	Motor	FTU-4-15	12	20 A	37 38						
	--	--	--	--	--	39 40						
	--	--	--	--	--	41 42						

N.E.C. (2017)	Load Type	Conn.	Fct.	Diversity	N.E.C.(2017)	Load Type	Conn.	Fct.	Diversity
220.44	(R)Receptacle				210.20(a)	(L)Lighting			
220.56	(K)Kitchen					(EL)Ext. Ltg.			
220.60	(C)Cooling			0 VA	620.14	(E)Elevators			
220.60	(H)Heating			0 VA		(WH)Wat. Htr.			
220.60	(F)Fans				220.5	(MT)Lrg. Motor			
	(M)Misc.					(SP)Sub Pnl.			

Total Connected Load: 127950 VA VA = 154 A
Total Load (Diversified): 127950 VA VA = 154 A

Location of Panel: IDF E116

PBK
www.pbk.com
TX FIRM: BR 1608
SAN ANTONIO, TX
210-829-0123

LEAF ENGINEERS
601 N.W. LOOP 410, SUITE 460
SAN ANTONIO, TX 78216
210-638-7200
TX Firm: F-18672

COVER SHEET
P-000
FOR BLUEBEAM LABEL/INDOOR:

0"
1"

PLUMBING ABBREVIATION SCHEDULE

(A)	ITEM NOTED TO BE ABANDONED	KW	KILOWATTS
(D)	ITEM NOTED TO BE DEMOLISHED	L	LAVATORY
(E)	EXISTING ITEM	MAP	MASTER ALARM PANEL
(N)	NEW ITEM	MECH	MECHANICAL
(R)	ITEM NOTED TO BE RELOCATED	MH	MANHOLE
AAP	AREA ALARM PANEL	MS	MOP SINK
AAV	AUTOMATIC AIR VENT	NC	NORMALLY CLOSED
AFF	ABOVE FINISHED FLOOR	NIC	NOT IN CONTRACT
AP	ACCESS PANEL	NO	NORMALLY OPEN
BFF	BELOW FINISHED FLOOR	OF / CI	OWNER FURNISHED / CONTRACTOR INSTALLED
BFP	BACKFLOW PREVENTER	OF / OI	OWNER FURNISHED / OWNER INSTALLED
BOB	BOTTOM OF BEAM	OD	OVERFLOW DRAIN
BOP	BOTTOM OF PIPE	PIV	POST INDICATOR VALVE
BTUH	BRITISH THERMAL UNITS PER HOUR	PRV	PRESSURE REDUCING VALVE
C / C	CUT AND CAP	RD	ROOF DRAIN
CFH	CUBIC FEET PER HOUR	RE:	REFER TO
CFS	CUBIC FEET PER SECOND	RIC	ROUGH-IN AND CONNECT
CI	CAST IRON	RO	REVERSE OSMOSIS
CLG	CEILING	RP BFP	REDUCED PRESSURE BACKFLOW PREVENTER
CO	CLEANOUT	RPM	REVOLUTIONS PER MINUTE
CONN	CONNECTION	RVB	REFRIGERATOR VALVE BOX
CONT	CONTINUATION	SD	STORM DRAIN
DF	DRINKING FOUNTAIN	SF	SQUARE FEET
DPV	DRY PIPE VALVE	SIA	SERVICE SINK
DWG	DRAWING	SK	SINK
EA	EACH	TMV	THERMOSTATIC MIXING VALVE
EDF	ELECTRIC DRINKING FOUNTAIN	TOP	TOP OF PIPE
FCO	FLOOR CLEANOUT	TP	TRAP PRIMER
FD	FLOOR DRAIN	TYP	TYPICAL
FDV	FIRE DEPARTMENT VALVE	U	URINAL
FF	FINISHED FLOOR	U/F	UNDERFLOOR
FHC	FIRE HOSE CABINET	U/S	UNDERSLAB
FL	FLOW LINE	VB	VACUUM BREAKER
FS	FLOOR SINK	VCT	VITRIFIED CLAY TILE
FT	FEET	VTR	VENT THRU ROOF
FU	FIXTURE UNIT	WC	WATER CLOSET
GC	GENERAL CONTRACTOR	WCO	WALL CLEANOUT
GPH	GALLONS PER HOUR	WH	WALL HYDRANT
GPM	GALLONS PER MINUTE	WMB	WASHING MACHINE BOX
HB	HOSE BIBB	YH	YARD HYDRANT
HP	HORSEPOWER	ZV	ZONE VALVE
IE	INVERT ELEVATION		

NOTES:

1. NOT ALL ABBREVIATIONS MAY BE USED ON THESE DRAWINGS.

PLUMBING SYMBOLS LEGEND

DRAWINGS	DETAILS	ABV.	DESCRIPTION
	AV	AV	ACID VENT
	AW	AW	ACID WASTE
	CA	CA	COMPRESSED AIR
		CW	COLD WATER
		(D)	DEMOLISHED PIPING OR EQUIPMENT
	D	D	CONDENSATE
	DSP	DSP	DRY SPRINKLER
		(E)	EXISTING PIPING OR EQUIPMENT
	F	F	FIRE
	G	G	NATURAL GAS
	GW	GW	GREASE WASTE
		HW	HOT WATER
		HWR	HOT WATER RETURN
	OD	OD	OVERFLOW DRAIN
	SD	SD	STORM DRAIN
	SP	SP	SPRINKLER
	SS	SS	SANITARY SEWER
		V	VENT
			DIRECTION OF FLOW
			DROP IN PIPE
			RISE IN PIPE
			GATE VALVE
			BALL VALVE
			CHECK VALVE
			SUPERVISED VALVE WITH FLOW SWITCH
			PLUG VALVE / GAS COCK
			BUTTERFLY VALVE
			HOT WATER BALANCING VALVE
			PIPE UNION
			PRESSURE CONTROL VALVE
			3-WAY VALVE
			SOLENOID VALVE
			FLOW SWITCH
			PRESSURE GAUGE WITH GAUGE COCK
			THERMOMETER
	RD / ORD		ROOF DRAIN / OVERFLOW DRAIN
	FD	FD	FLOOR DRAIN
	FS	FS	FLOOR SINK
			T & P RELIEF VALVE
			STRAINER
	CO	CO	END OF LINE CLEANOUT
	FCO	FCO	FLOOR CLEANOUT
	WCO	WCO	WALL CLEANOUT
			CAP
			FLEXIBLE CONNECTION
			NEW CONNECTION TO EXISTING PIPING

NOTES:

1. NOT ALL SYMBOLS MAY BE USED ON THESE DRAWINGS.

PLUMBING SCOPE OF WORK

THE PLUMBING SCOPE(S) OF WORK UNDER THIS APPLICATION IS AS FOLLOWS:

1. DEMO AND REMOVE EXISTING FIRE SPRINKLER ALARM VALVE AND EXISTING ACCESSORIES, THEN PROVIDE AND INSTALL NEW FIRE SPRINKLER ALARM CHECK AS INDICATED.
2. DEMO AND REMOVE ALL EXISTING STORM DOWNSPOUTS, THEN RELOCATE THEM TO NEW CHASE AND RECONNECT TO EXISTING UNDERGROUND STORM PIPE.
3. DEMO AND REMOVE ALL EXISTING PLUMBING FIXTURES AND EXISTING ACCESSORIES AS REQUIRED. VERIFY WITH OWNER FOR ANY SALVAGEABLE FIXTURES AND TRIMS. CONTRACTOR MUST COORDINATE WITH OWNER PRIOR TO DEMOLITION WORK.
4. DEMO AND REMOVE EXISTING WET SPRINKLER SYSTEM. ANY EXISTING SYSTEM TO BE REUSED, THIS CONTRACTOR SHALL COVER AND PROTECT SPRINKLER HEADS FOR THE DURATION OF THE CONSTRUCTION.
5. ALL NEW SPACES SHALL BE PROTECTED BY A WET FIRE SPRINKLER SYSTEM.
6. ALL NEW SPACES SHALL BE PROVIDED WITH NEW PLUMBING FIXTYRES AND NEW EQUIPMENT AS REQUIRED.

CODES AND STANDARDS

1. 2021 INTERNATIONAL BUILDING CODE
2. 2021 INTERNATIONAL MECHANICAL CODE
3. 2021 INTERNATIONAL PLUMBING CODE
4. 2021 INTERNATIONAL FIRE CODE
5. 2021 INTERNATIONAL ENERGY CONSERVATION CODE
6. 2021 TEXAS ACCESSIBILITY STANDARDS

CODES AND STANDARDS

1. 2019 CALIFORNIA CODE OF REGULATION
2. 2019 CALIFORNIA BUILDING STANDARDS ADMINISTRATION CODE, PART 1, TITLE 24, C.C.R.
3. 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, C.C.R.
4. 2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24, C.C.R.
5. 2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24, C.C.R.
6. 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, C.C.R.
7. 2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24, C.C.R.
8. 2019 CALIFORNIA FIRE CODE (CFC), PART 9, TITLE 24, C.C.R.
9. 2019 CALIFORNIA BUILDING STANDARDS CODE (CALGreen), PART 12, TITLE 24, C.C.R.
10. 2019 CALIFORNIA REFERENCE STANDARDS CODE, PART 12, TITLE 24, C.C.R.
11. C.C.R. TITLE 1, REGULATIONS OF THE STATE FIRE MARSHAL
12. 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN

WATER HAMMER ARRESTER SCHEDULE

PIPE SIZE	CROSS FIXTURE UNITS	PDI STD.
1/2"	1-11	"A"
3/4"	12-32	"B"
1"	33-60	"C"
1-1/4"	61-113	"D"
1-1/2"	114-154	"E"
2"	155-330	"F"

NOTES:

1. AIR CHAMBERS OR SHOCK ARRESTORS SHALL BE PROVIDED TO ALL FIXTURE RUNOUT AND SHALL BE SIZED ACCORDING TO LOCAL PLUMBING CODE (AHJ) & PDI. AIR CHAMBERS OR SHOCK ARRESTORS SHALL BE SIZED AND INSTALLED PER MANUFACTURER'S REQUIREMENTS. THE DEVICE SHALL HAVE LIFETIME WARRANTY AND BE INSTALLED WITHOUT REQUIRING ACCESS DOORS AND PANELS.

SLOPE OF HORIZONTAL DRAINAGE PIPE

PIPE SIZE	MINIMUM SLOPE
2-1/2" OR LESS	1/4" PER FOOT
3" TO 6"	1/8" PER FOOT
8" OR LARGER	1/16" PER FOOT

PLUMBING PIPE MATERIAL SCHEDULE

PIPING SYSTEM	BELOW GRADE	ABOVE GRADE
STORM WATER	SCH 40 PVC	CAST IRON
SANITARY WASTE	SCH 40 PVC	CAST IRON
DOMESTIC WATER	TYPE 'K' COPPER	TYPE 'L' COPPER
NATURAL GAS	POLYETHYLENE PIPE W/ SLEEVE UNDER SLAB	SCH 40 BLACK STEEL
CHEMICAL WASTE	PVDF	PVDF
FIRE PROTECTION	SCH 40 BLACK STEEL	SCH 40 BLACK STEEL
PROCESS WATER	PVDF	PVDF
COMPRESSED AIR	TYPE 'K' COPPER	SCH 40 GALVANIZED STEEL

DRAWING REFERENCE KEY

REFER TO
DETAIL NUMBER
RE:01/P-401
SHEET NUMBER

IPC TABLE FOR HANGER SPACING MINIMUM REQUIREMENTS

PIPING MATERAL	MAX HORIZONTAL SPACING (ft)	MAX VERTICAL SPACING (ft)
ABS PIPE	4	10[b]
ALUMINUM TUBING	10	15
BRASS PIPE	10	10
CAST-IRON PIPE	5[a]	15
COPPER OR COPPER-ALLOY PIPE	12	10
COPPER OR COPPER-ALLOY TUBING, 1-1/4" DIAMETER AND SMALLER	6	10
COPPER OR COPPER-ALLOY TUBING, 1-1/2" DIAMETER AND LARGER	10	10
CROSS-LINKED POLYETHYLENE (PEX) PIPE	2.67 (32in)	10[b]
CROSS-LINKED POLYETHYLENE / ALUMINUM / CROSS-LINKED POLYETHYLENE (PEX-AL-PEX) PIPE	2.67 (32in)	4
CPVC PIPE OR TUBING, 1" AND SMALLER	3	10[b]
CPVC PIPE OR TUBING, 1-1/4" AND LARGER	4	10[b]
STEEL PIPE	12	15
LEAD PIPE	CONTINUOUS	4
POLYETHYLENE / ALUMINUM / POLYETHYLENE (PE-AL-PE) PIPE	2.67 (32in)	4
POLYETHYLENE OF RAISED TEMPERATURE (PE-RT) PIPE	2.67 (32in)	10[b]
POLYPROPYLENE (PP) PIPE OR TUBING, 1" AND SMALLER	2.67 (32in)	10[b]
POLYPROPYLENE (PP) PIPE OR TUBING, 1-1/4" AND LARGER	4	10[b]
PVC PIPE	4	10[b]
STAINLESS STEEL DRAINAGE SYSTEMS	10	10[b]

NOTES:

FOR SI: 1 in = 25.4 mm, 1 ft = 304.8 mm

a. THE MAXIMUM HORIZONTAL SPACING OF CAST-IRON PIPE HANGERS SHALL BE INCREASED TO 10' WHERE 10-FOOT LENGTHS OF PIPE ARE INSTALLED.

b. MIDSTORY GUIDE FOR SIZES 2" AND SMALLER.

PLUMBING FIXTURE CONNECTION SCHEDULE

DESCRIPTION	WASTE	TRAP	VENT	DFU	BRANCH CONN		FIXTURE CONN		FIXTURE UNITS		REMARKS
					CW	HW	CW	HW	CW	HW	
WATER CLOSET (FV)	4"	-	2"	4	1-1/4"	-	1"	-	10.00	-	INTEGRAL TRAP
WATER CLOSET (FT)	4"	-	2"	3	3/4"	-	1/2"	-	2.50	-	INTEGRAL TRAP
LAVATORY	2"	1-1/4"	2"	1	3/4"	3/4"	1/2"	1/2"	0.75	0.75	PROVIDE TMV
SHOWER	2"	2"	2"	2	3/4"	3/4"	1/2"	1/2"	1.50	1.50	PROVIDE TMV
BATH TUB	2"	1-1/2"	2"	3	3/4"	3/4"	1/2"	1/2"	3.00	3.00	PROVIDE TMV
KITCHEN SINK	2"	1-1/2"	2"	2	3/4"	3/4"	1/2"	1/2"	1.13	1.13	PROVIDE TMV
WASHING MACHINE	2"	2"	2"	3	3/4"	3/4"	1/2"	1/2"	3.00	3.00	-
LAUNDRY SINK	2"	1-1/2"	2"	3	3/4"	3/4"	1/2"	1/2"	1.50	1.50	PROVIDE TMV
HOSE BIBB	-	-	-	-	3/4"	-	3/4"	-	2.50	-	-
FLOOR SINK	2"	2"	2"	2	-	-	-	-	-	-	RE: DRAWINGS FOR SIZE
FLOOR DRAIN	3"	3"	2"	4	-	-	-	-	-	-	RE: DRAWINGS FOR SIZE
ICE MACHINE	-	-	-	-	3/4"	-	1/2"	-	1.00	-	-

NOTES:

1. ROUGH-IN SUPPLY WASTE AND VENT PIPE SIZES INDICATED ABOVE ARE MINIMUM SIZES SHOWN FOR ROUGH-IN ONLY.
2. COORDINATE WITH PLUMBING FIXTURE MANUFACTURER'S INSTALLATION DRAWINGS FOR PROPER AND CORRECT INSTALLATION OF ALL FIXTURES.
3. ALL PLUMBING FIXTURES SHALL BE COMPLETELY ROUGHED-IN BY THE PLUMBING CONTRACTOR AND SHALL MEET ALL CODES HAVING JURISDICTION.
4. ALL FIXTURES SHALL BE COMMERCIAL GRADE UNLESS OTHERWISE NOTED.
5. PROVIDE AND INSTALL A WATER HAMMER ARRESTOR IN PIPING TO ALL FIXTURES AND/OR FIXTURE BANKS.

PROJECT GENERAL NOTES

A. ALL EQUIPMENT AND/OR SYSTEMS NOTED ON THE DRAWINGS "TO REMAIN" SHALL BE INSPECTED AND TESTED ON SITE TO CERTIFY WORKING CONDITION. A WRITTEN REPORT ON THE CONDITION OF ALL EQUIPMENT TO REMAIN, INCLUDING A COPY OF THE TEST RESULTS WITH RECOMMENDED REMEDIAL ACTIONS AND COSTS SHALL BE MADE BY THIS CONTRACTOR TO THE ARCHITECT/ENGINEER FOR REVIEW.

B. THE PLUMBING WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE APPLICABLE CODES AS WELL AS ALL LOCAL REGULATIONS THAT MAY APPLY. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE, THE MORE STRINGENT STANDARD SHALL APPLY.

C. ALL PLUMBING WORK SHALL BE COORDINATED WITH ALL OTHER TRADES BEFORE PROCEEDING WITH THE INSTALLATION.

D. INVERT ELEVATIONS AND EXACT LOCATIONS OF ALL EXISTING UTILITIES SHALL BE CHECKED BEFORE PROCEEDING WITH NEW WORK.

E. NO CHANGES ARE TO BE MADE IN PLUMBING LAYOUT WITHOUT WRITTEN PERMISSION BY THE ARCHITECT OR ENGINEER.

F. NO PIPING SHALL RUN EXPOSED IN FINISHED AREAS.

G. ROUGH-IN DIMENSIONS OF TOILET FIXTURES MUST BE COORDINATED WITH THE GENERAL CONTRACTOR.

H. PROVIDE SHUT-OFF VALVES FOR WATER HEATER BRANCH. PROVIDE DIELECTRIC FITTINGS OR COUPLINGS WHEREVER DISSIMILAR METALS ARE IN CONTACT.

I. PROVIDE SHUT-OFF VALVES AT EACH FIXTURE AND AT EACH FLOOR (IF FIXTURES ARE STACKED) ON HOT AND COLD WATER SUPPLY PIPES.

J. ALL ACCESS PANELS SHALL BE BY GENERAL CONTRACTOR. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR LOCATION.

K. INSTALL ALL REQUIRED CLEANOUTS TO CLEAR EQUIPMENT AND FIXTURES.

L. ALL WORK SHALL BE PROPERLY TESTED, BALANCED, CLEANED AND DISINFECTED. PROVIDE A ONE YEAR WARRANTY FROM DATE OF FINAL INSPECTION ON ALL PARTS AND LABOR.

M. PITCH ALL WASTE AND SOIL PIPING AT MAXIMUM SLOPE POSSIBLE, BUT NOT LESS THAN 1/4" PER FOOT FOR PIPING UNDER 3" AND NO LESS THAN 1/8" PER FOOT FOR PIPING 3" AND GREATER. 8" AND LARGER PIPING CAN BE SLOPED AT 1/16" PER FOOT.

N. PROVIDE ALL PIPE OPENINGS THROUGH PARTITIONS WITH PIPE SLEEVES. WHERE PENETRATING FIRE RATED PARTITIONS, THE SPACE BETWEEN THE PIPE AND THE SLEEVE SHALL BE SEALED WITH FIRE STOPPING MATERIAL.

O. PROVIDE CONDENSATE DRAIN FROM ROOF MOUNTED EQUIPMENT TO OPEN SITE DRAIN OR AS SHOWN ON DRAWINGS.

P. ALL PIPING MATERIAL SHALL BE OF DOMESTIC MANUFACTURE AND SHALL COMPLY WITH THE BUY AMERICAN ACT.

PLUMBING TESTING NOTES

1. ALL EQUIPMENT AND/OR SYSTEMS NOTED ON THE DRAWINGS "TO REMAIN" SHALL BE INSPECTED AND TESTED ON SITE TO CERTIFY WORKING CONDITION. A WRITTEN REPORT ON THE CONDITION OF ALL EQUIPMENT TO REMAIN, INCLUDING A COPY OF THE TEST RESULTS WITH RECOMMENDED REMEDIAL ACTIONS AND COSTS SHALL BE MADE BY THIS CONTRACTOR TO THE ARCHITECT/ENGINEER FOR REVIEW.
2. PIPE COVER AND BACKFILLING:
   A. AFTER HYDROSTATIC TEST, EVENLY BACKFILL ENTIRE TRENCH WIDTH BY HAND PLACING BACKFILL MATERIAL AND HAND TAMPING IN FOUR (4) INCHES COMPACTED LAYERS TO TWELVE (12) INCHES MINIMUM COVER OVER TOP OF JACKET. COMPACT TO 95 PERCENT MAXIMUM DENSITY.
   B. EVENLY AND CONTINUOUSLY BACKFILL REMAINING TRENCH DEPTH IN UNIFORM LAYERS WITH BACKFILL MATERIAL.
   C. DO NOT USE WHEELED OR TRACKED VEHICLES FOR TAMPING.
3. PRESSURE TEST ALL DOMESTIC WATER PIPING. AFTER INSTALLATION AND PRIOR TO BACKFILL OR COVER-UP, RINSE PIPING SYSTEM OF PARTICULATE CONTAMINANTS, CAP AND SUBJECT TO STATIC WATER PRESSURE OF 125 PSIG FOR FOUR (4) HOURS. REPAIR LEAKS AND DEFECTS AND RE-TEST ANY PORTION OF PIPING SYSTEM THAT FAILS. PROVIDE WRITTEN TEST REPORT INCLUDING DATE AND TIME OF TEST, PASS OR FAIL INDICATION, SUMMARY OF REMEDIAL WORK REQUIRED AND DATE AND TIME OF EACH RE-TEST.
4. PRIOR TO COVER UP, WATER PIPE, SANITARY PIPE, AND GAS PIPING SHALL BE PRESSURE TESTED. TESTS SHALL BE WITNESSED BY CONSULTANT AND OWNER. NOTIFY OWNER 48 HOURS PRIOR TO TEST. TEST SHALL BE WITNESSED BY CLIENT PLUMBING TECHNICIAN.
5. UPON COMPLETION OF THE SANITARY PIPING SYSTEM, THE CONTRACTOR SHALL NOTIFY ENGINEER AND OWNER TO OBSERVE A SMOKE TEST OF THE SYSTEM. SMOKE TESTING SHALL BE PERFORMED ON SANITARY PIPING SYSTEM TWICE DURING CONSTRUCTION.
6. ACID WASTE PIPING SYSTEMS:
   A. WATER TEST SHALL BE APPLIED TO THESE DRAINAGE SYSTEMS EITHER IN THEIR ENTIRETY OR IN SECTIONS AS REQUIRED, AFTER ROUGH PIPING HAS BEEN INSTALLED. IF THE SYSTEM IS TESTED IN SECTIONS, EACH OPENING SHALL BE TIGHTLY CLOSED EXCEPT THE HIGHEST OPENING IN THE SECTION UNDER TEST. ALL SECTIONS SHALL BE TESTED WITH A MINIMUM OF 10 FEET HEAD OF WATER. IN TESTING SUCCESSIVE SECTIONS AT LEAST THE UPPER 10 FEET OF THE NEXT PRECEDING SECTION SHALL BE TESTED SO THAT NO JOINT OF PIPING IN THE BUILDING EXCEPT THE UPPERMOST 10 FEET OF THE SYSTEM SHALL BE SUBMITTED TO A TEST OF LESS THAN 10 FOOT OF HEAD OF WATER. THE WATER SHALL BE KEPT IN THE SYSTEM FOR AT LEAST 30 MINUTES BEFORE INSPECTION STARTS; THE SYSTEM SHALL THEN BE MADE TIGHT AT ALL POINTS.
   B. ANY POINTS OF THE DRAINAGE SYSTEMS TO BE TESTED WITH AIR INSTEAD OF WATER SHALL BE MADE BY ATTACHING AN AIR COMPRESSOR TESTING APPARATUS TO ANY SUITABLE OPENING AND AFTER CLOSING ALL OTHER INLETS OR OUTLETS, FORCING AIR INTO THE SYSTEM UNTIL THERE IS A MINIMUM GAUGE PRESSURE OF 5 PSI. THIS PRESSURE SHALL BE HELD WITHOUT THE INTRODUCTION OF ADDITIONAL AIR FOR A PERIOD OF AT LEAST 30 MINUTES.
   C. EXTERIOR CONNECTIONS SHALL BE TESTED AS PART OF THE INTERIOR SYSTEMS.
   D. ADDITIONAL TESTS:
      a. PROVIDE ALL ADDITIONAL TESTS SUCH AS SMOKE OR PRESSURE TESTS AS REQUIRED BY THE REGULATIONS OR AS DIRECTED BY AUTHORITIES MAKING THE INSPECTION.
      b. PROVIDE FOR ANY REPEATED TEST AS DIRECTED BY THE OWNER'S REPRESENTATIVE, TO MAKE ALL SYSTEMS TIGHT AS REQUIRED.
      c. VISUAL INSPECTIONS OF JOINTS, VALVES, ETC. SHALL BE MADE AS DIRECTED BY THE ENGINEER
      d. PRESSURE TEST NATURAL GAS PIPING IN ACCORDANCE WITH NFPA 54. PRESSURE TEST PRIOR TO BACKFILL, MINIMUM 50 PSI FOR 24 HOURS.

DEMOLITION GENERAL NOTES

A. DEMO AND REMOVE FIRE SPRINKLER ALARM VALVE AND ACCESSORIES THEN PROVIDE AND INSTALL NEW FIRE SPRINKLER ALARM CHECK AS INDICATED.

B. DEMO AND REMOVE ALL STORM DOWNSPOUT AND RELOCATE THEM TO NEW CHASE AND RECONNECT TO EXISTING UNDERGROUND STORM PIPE.

C. DEMO AND REMOVE ALL PLUMBING FIXTURES AND ACCESSORIES AS REQUIRED. VERIFY WITH OWNER FOR ANY SALVAGEABLE FIXTURES AND TRIMS. CONTRACTOR MUST COORDINATE WITH OWNER PRIOR TO DEMOLITION WORK.

D. DEMO AND REMOVE EXISTING WET SPRINKLER SYSTEM. ANY SYSTEM TO BE REUSED, THIS CONTRACTOR SHALL COVER AND PROTECT SPRINKLER HEADS FOR THE DURATION OF THE CONSTRUCTION.

E. DEMOLISHED ITEMS ARE PROPERTY OF THE OWNER. OWNER RETAINS SALVAGE RIGHTS TO DEMOLISHED ITEMS.

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED
PROFESSIONAL ENGINEER
09/24/2025

09/24/2025
LEAF ENGINEERS
F-18672
CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

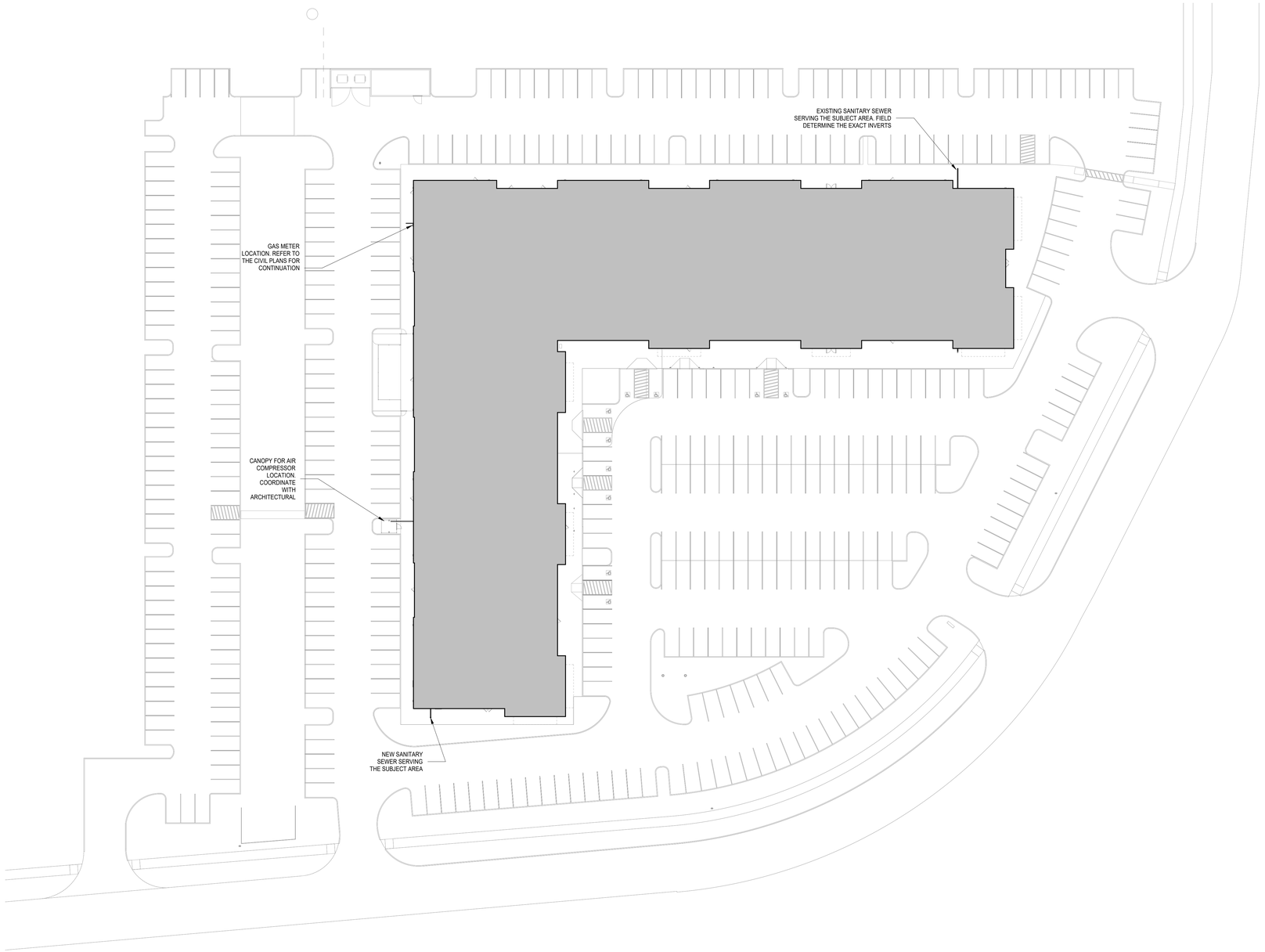
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COVER SHEET

P-000

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1 **SITE PLAN - PLUMBING**
SCALE: 1" = 30'-0"

SITE PLAN - PLUMBING
PS-100
FOR BLUEBEAM LABELING/DOOR:

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CLIENT PROJECT NO: 250033

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B C A

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
61525
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PROFESSIONAL ENGINEER

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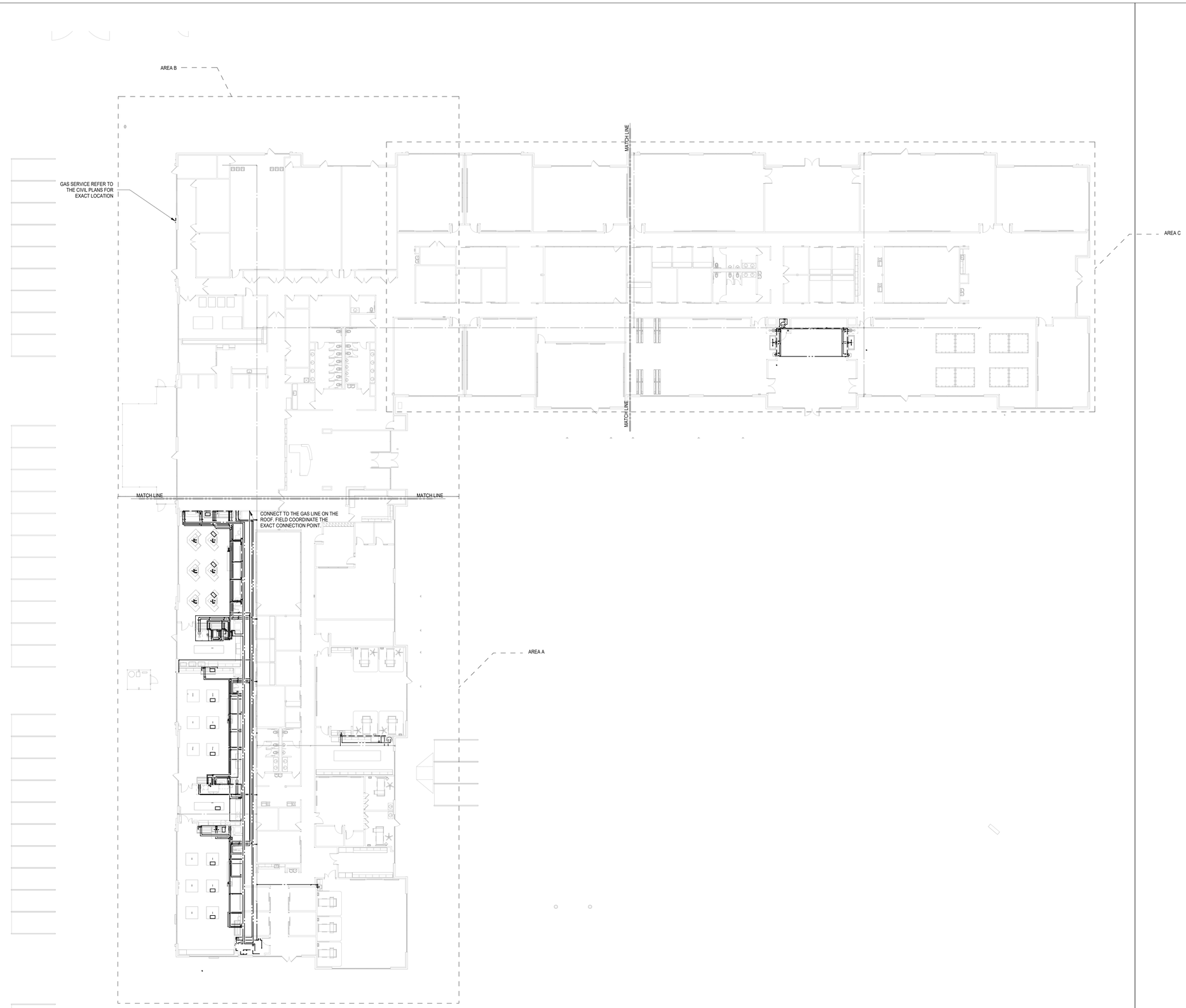
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SITE PLAN - PLUMBING

PS-100

1ST FLOOR PLAN - COMPOSITE
P-100
FOR BLUEBEAM LABELING/DOOR:

0"
1"



1 **1ST FLOOR PLAN - COMPOSITE - PLUMBING**
SCALE: 1/16" = 1'-0"

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1ST FLOOR PLAN - COMPOSITE

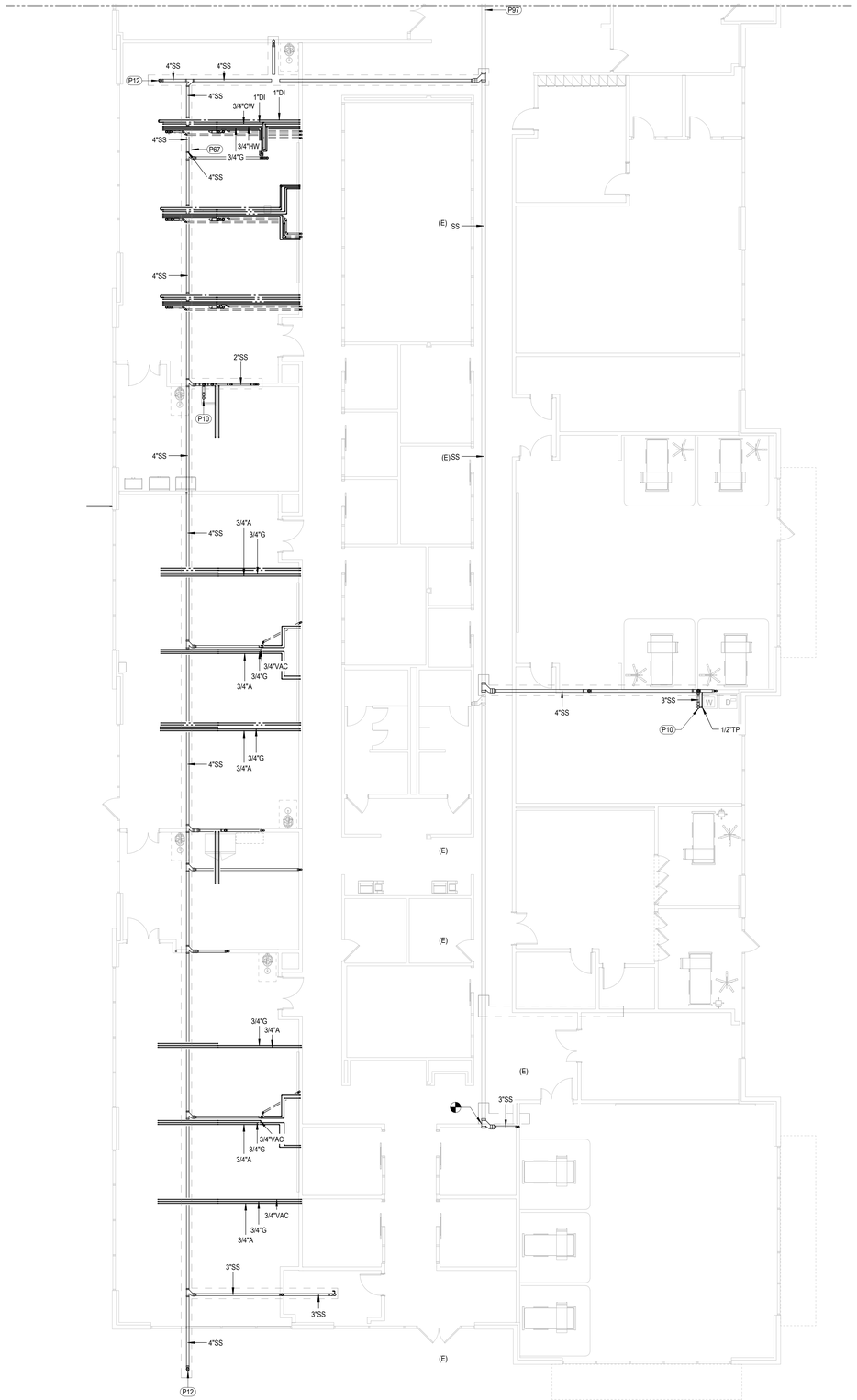
P-100

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1"

LEVEL 1 - AREA A - UNDERFLOOR PLAN - PLUMBING
PU-101A
FOR BLUEBEAM LABELING/DOOR:



1 **LEVEL 1 - AREA A UNDERFLOOR - PLUMBING**
SCALE: 1/8" = 1'-0"

KEYNOTE - AREA A

P10 3" WASTE PIPING DOWN FROM FLOOR SINK ABOVE.
P12 4" WASTE PIPING DOWN FROM FLOOR CLEAN OUT ABOVE.
P67 DASHED LINE REPRESENTS APPROXIMATE LOCATION OF SLAB TO BE CUT FOR UTILITIES. FIELD COORDINATE THE EXACT WIDTH OF THE TRENCH, LOCATION AND TERMINATION POINTS OF THE TRENCH, COLD WATER, HOT WATER, WASTE AND VENT LINES.. REFER TO PLUMBING GENERAL NOTES FOR PROCEDURE.
P97 CONFIRM INVERTS OF THE EXISTING LINE AND CONFIRM THE EXACT LOCATION/DEPTH OF THE EXISTING SANITARY SEWER LINE WHERE THE NEW SANITARY SEWER LINE WILL CONNECT.

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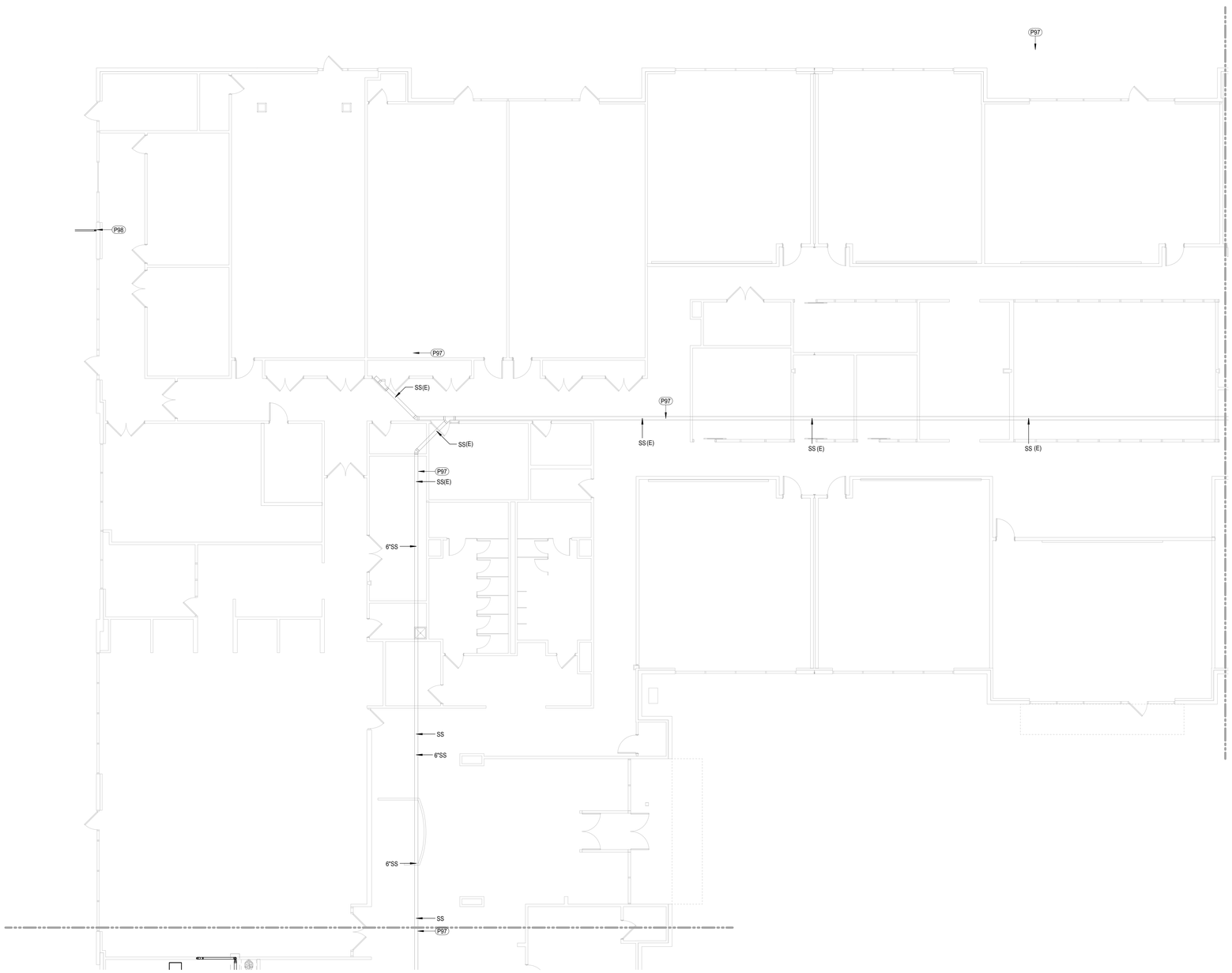
LEVEL 1 - AREA A - UNDERFLOOR PLAN - PLUMBING

PU-101A

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LEVEL 1 - AREA B - UNDERFLOOR PLAN - PLUMBING
PU-101B
FOR BLUEBEAM LABELING/DOOR:

0"
1"



1 LEVEL 1 - AREA B UNDERFLOOR - PLUMBING
SCALE: 1/8" = 1'-0"

KEYNOTE - AREA B

P97 CONFIRM INVERTS OF THE EXISTING LINE AND CONFIRM THE EXACT LOCATION/DEPTH OF THE EXISTING SANITARY SEWER LINE WHERE THE NEW SANITARY SEWER LINE WILL CONNECT.

P98 GAS LINE FROM THE CITY MAIN TO SERVE THE NEW METER IN THIS AREA SERVING THE SUBJECT BUILDING. REFER TO THE CIVIL PLANS FOR CONNECTION TO THE CITY MAIN GAS LINE.

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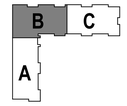
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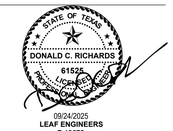
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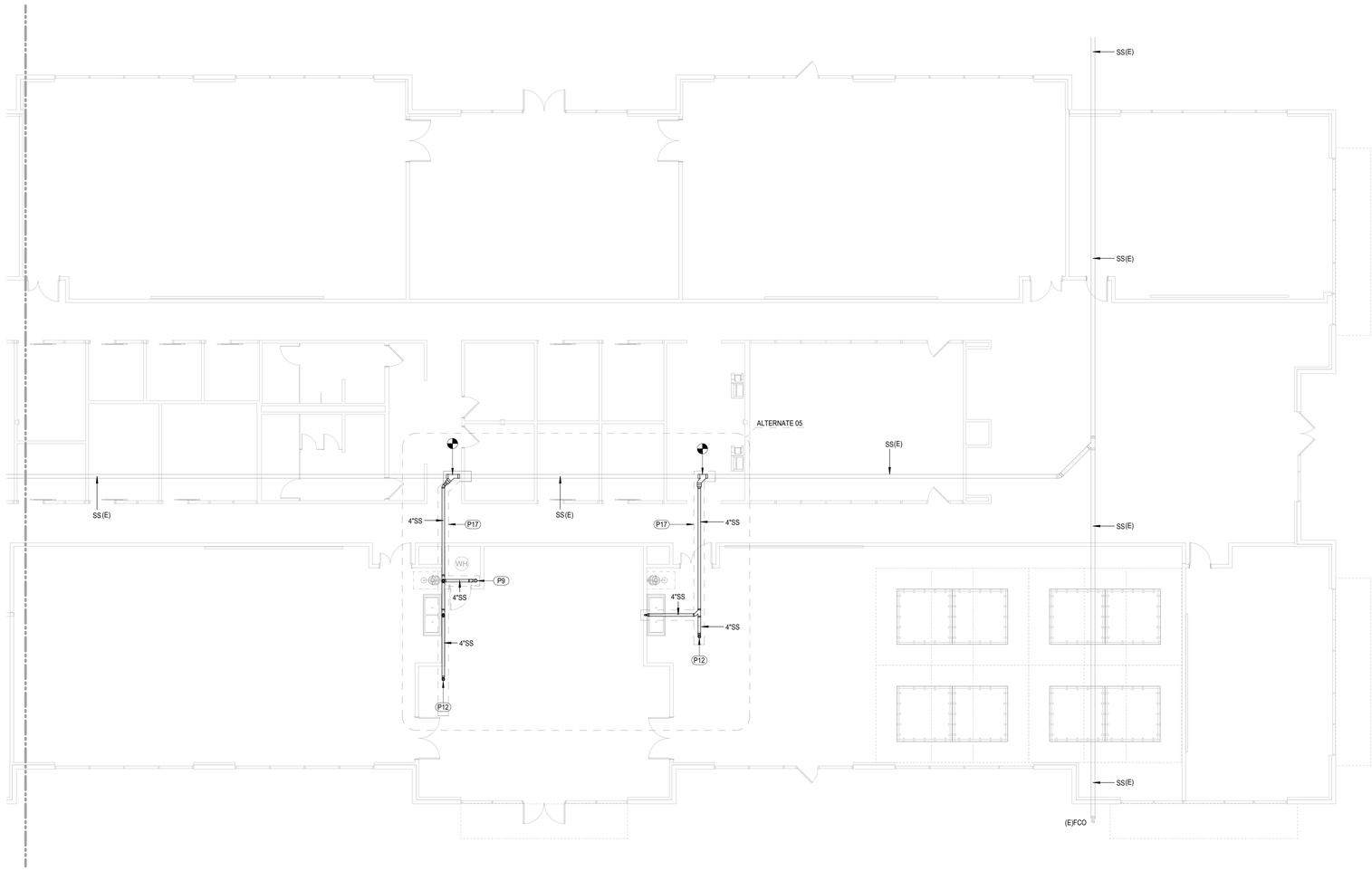
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LEVEL 1 - AREA B - UNDERFLOOR PLAN - PLUMBING

PU-101B

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0"
1"



KEYNOTE - AREA C

P9 3" WASTE PIPING DOWN FROM FLOOR DRAIN ABOVE.
P12 4" WASTE PIPING DOWN FROM FLOOR CLEAN OUT ABOVE.
P17 SAW-CUT EXISTING SLAB AS INDICATED ON PLAN. REFER TO PLUMBING GENERAL NOTES FOR PROCEDURE.

ALTERNATE 05

INSTALLATION OF NEW UNDERFLOOR PLUMBING PIPING AND TRENCHING IN THE ENCLOSED AREA INDICATED ON PLANS.

1 **LEVEL 1 - AREA C UNDERFLOOR - PLUMBING**
SCALE: 1/8" = 1'-0"

LEVEL 1 - AREA C - UNDERFLOOR PLAN - PLUMBING
PU-101C
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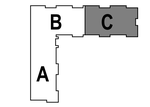
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
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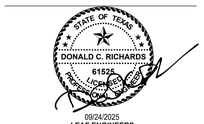
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ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN TRUE



09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

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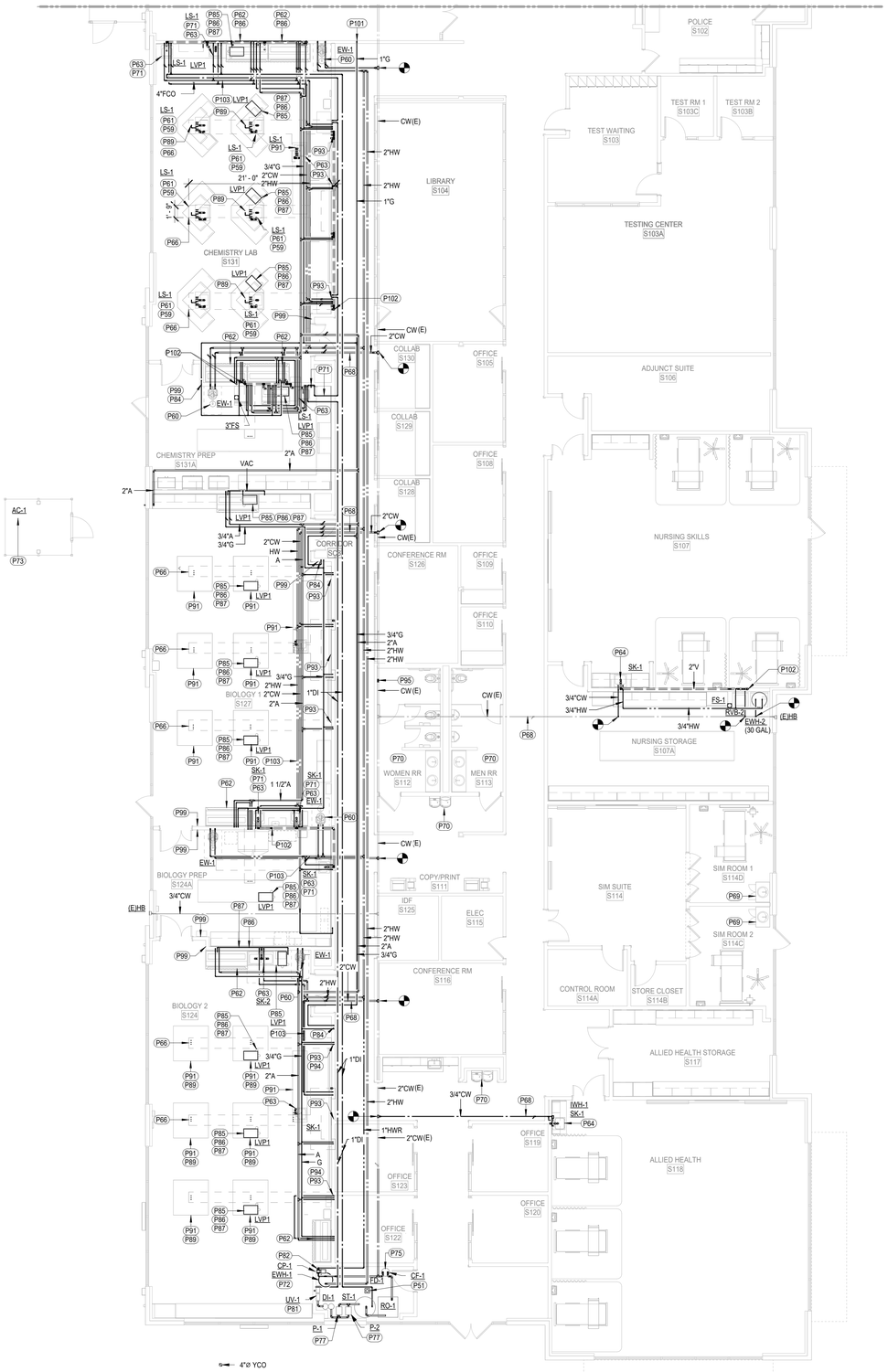
LEVEL 1 - AREA C - UNDERFLOOR PLAN - PLUMBING

PU-101C

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LEVEL 1 - AREA A - PLUMBING
P-101A
FOR BLUEBEAM LABEL/INDOOR:

0"
1"



1 **LEVEL 1 - AREA A - PLUMBING**
SCALE: 1/8" = 1'-0"

SPECIAL NOTE:

- PROVIDE ACID VENT FOR EACH ACID NEUTRALIZATION TANK. ROUTE THE ACID VENT TO THE NEAREST WALL AND UP THRU THE ROOF. MAINTAIN 10'-0" CLEAR FROM ANY FRESH AIR INTAKE OPENING PER CODE.
- IN CHEMISTRY LABS AND BIOLOGY LABS CONTRACTOR TO COORDINATE THE LOCATIONS AND NUMBER OF PORTS FOR COMPRESSED AIR, GAS AND VACUUM LINES ABOVE THE COUNTERS. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- IN ALL THE BIOLOGY AND CHEMISTRY ROOMS, ALL VACUUM EQUIPMENT, VACUUM FITTINGS, VACUUM PIPING AND AND VACUUM TERMINATION TURRETS SHALL BE VACUU-LAN BY VACUUBRAND OR APPROVED EQUAL.
- REFER TO THE ARCHITECTURAL DRAWINGS FOR THE FLOOR SLAB OPENING PLAN. ALL UNDERGROUND PLUMBING AND LAB UTILITY PIPING SERVING ISLAND FIXTURES WITHIN THE LABS SHALL BE ROUTED TO THE DESIGNATED LOCATION ON THE PLAN. FOR DRAWING AND SCOPE CLARITY THIS DRAWING DOES NOT SHOW EACH PENETRATION IN THE EXACT LOCATION SHOWN ON THE ARCHITECTURAL PLAN. DUE TO DRAWING SCALE IT WOULD MAKE THE PLAN UNREADABLE.
- ALL PIPE UPS ON THIS SHEET SERVE LAB UTILITY OUTLET FIXTURES ON THE LAB CASEWORK. FIXTURES ARE PROVIDED AND MOUNTED TO THE CASEWORK BY OTHERS. MAKE CONNECTIONS PER THE MANUFACTURER'S RECOMMENDATIONS. REFER TO THE ARCHITECTURAL PLANS FOR QUANTITY OF LAB UTILITY OUTLET FIXTURES.

KEYNOTE - AREA A

P51 PROVIDE TRAP PRIMER AT ALL FLOOR DRAINS. REFER TO DETAIL SHEET.
P59 PROVIDE 3/4" COLD WATER, 3/4" HOT WATER, ISLAND VENTING AS DETAILED AND AN ACID TANK AS SCHEDULED. FIELD COORDINATE THE EXACT LOCATION AND DIMENSIONS OF THE CABINETS TO ENSURE TANK FITS WITH-IN THE CABINET. REFER TO MANUFACTURER'S SPECIFICATIONS FOR MORE INFORMATION
P60 PROVIDE AN EMERGENCY EYEWASH WITH SHOWER AS SCHEDULED. PROVIDE A THERMOSTATIC MIXING VALVE AT EACH EMERGENCY EYEWASH TO PROVIDE TEPID WATER PER CODE. ALSO PROVIDE SHUT-OFF VALVES ON THE HOT AND COLD WATER SUPPLY SERVING THE EMEERGENCY SHOWERS. REFER TO THE EQUIPMENT SCHEDULE FOR MORE INFORMATION.
P61 PROVIDE A 1/2" GAS CONNECTION ABOVE THE COUNTER. FIELD COORDINATE THE EXACT TERMINATION POINTS.
P62 AT EACH HOOD PROVIDE AN ACID DILUTION TANK. 1/2" COLD WATER, 1/2" HOT WATER, 1/2" GAS & DRAIN, VACUUM AND COMPRESSED AIR. REFER TO MANUFACTURER'S SPECIFICATIONS FOR CONNECTION LOCATIONS AND MORE INSTALLATION INFORMATION. IN BIOLOGY ROOMS NO WATER OR DRAIN ARE REQUIRED.
P63 PROVIDE 3/4" COLD WATER, 3/4" HOT WATER, 2" VENT AS DETAILED AND AN ACID TANK AS SCHEDULED IN CHEMISTRY ROOMS. FIELD COORDINATE THE EXACT LOCATION AND DIMENSIONS OF THE CABINETS TO ENSURE TANK FITS WITH-IN THE CABINET. REFER TO MANUFACTURER'S SPECIFICATIONS FOR MORE INFORMATION
P64 PROVIDE 3/4" COLD WATER, 3/4" HOT WATER, AND A 2" VENT, 3" SANITARY SEWER
P66 DASHED LINE REPRESENTS APPROXIMATE LOCATION OF SLAB TO BE CUT FOR UTILITIES SERVING THE ISLAND SINKS. FIELD COORDINATE THE EXACT WIDTH OF THE TRENCH, LOCATION AND TERMINATION POINTS OF THE TRENCH, GAS LINES , COLD WATER, HOT WATER, WASTE AND VENT LINES. PROVIDE REMOVABLE ACCESS PANEL FOR THE TRENCH. REFER TO PLUMBING GENERAL NOTES FOR PROCEDURE.
P68 APPROXIMATE LOCATION OF WATER LINE WITH SHUT-OFF VALVE ABOVE CEILING SERVING THE NEW EQUIPMENT. FIELD COORDINATE EXACT LOCATION AND TERMINATION POINTS. PROVIDE AN ACCESS PANEL PER CODE COORDINATE WITH ARCHITECT FOR SIZE AND LOCATION OF PANEL.
P69 PROVIDE A MOBILE SINK IN THIS LOCATION.
P70 EXISTING PLUMBING FIXTURE TO REMAIN AS INSTALLED.
P71 PROVIDE DI WATER AT THIS LOCATION. FIELD COORDINATE EXACT TERMINATION POINTS AND LOCATIONS. REFER TO MANUFACTURER'S SPECIFICATIONS FOR MORE INSTALLATION REQUIEMENTS.
P72 PROVIDE ELECTRIC HOT WATER HEATER AS SCHEDULED AND DETAILED FIELD COORDINATE THE EXACT MOUNTING LOCATION.
P73 PROVIDE AN AIR COMPRESSOR AS SCHEDULED, FIELD COORDINATE THE EXACT MOUNTING LOCATION AND TERMINATION POINTS. PROVIDE A CANOPY TO PROTECT EQUIPMENT AIR COMPRESSOR AND CONNECTION TO BE OUTDOOR RATED NEMA 3R. REFER TO MANUFACTURER'S SPECIFCATIONS FOR MORE INFORMATION.
P75 PROVIDE AND INSTALL CARBON FILTER HEAT AND TREAT MODEL: HT-52-AC-14-10
P77 PROVIDE AND INSTALL DI PUMP TO BE GOULDS WATER TECHNOLOGY MODEL: 2AB25HM06
P81 PROVIDE & INSTALL UV LIGHT (UV-1) VIQUA-D4
P82 PROVIDE A BALANCING VALVE ABOVE THE CEILING WITH AN ACCESS PANEL PER CODE. FIELD COORDINATE THE EXACT MOUNTING LOCATION.
P84 PROVIDE A UTILITY CONTROLLER/VALVE PANEL BT LAB AUTOMATION CONTROL SYSTEM MODEL:LSOP-1-G-.75-1-B-E-IS
P85 PROVIDE A VACUUM PUMP MODEL: PC 3012NT VARIO MANUFACTURED BY VACUBRAND. ROUTE EXHAUST TUBE FROM VACUUM PUMPUP THRU ROOF. REFER TO VACUUM MANUFACTURER INSTALLATION MANUAL FOR MORE INFORMATION. VERIFY WITH ARCHITECT & FIELD COORDINATE EXACT MOUNTING LOCATION.
P86 VACUUM TUBING TO BE TUBING 10/8 MM PTFE MANUFACTURED BY VACUUBRAND. FIELD CONFIRM THE EXACT TERMINATION POINTS.
P87 VACUUM FITTINGS TO BE FITTINGS 10/8 MM PTFE MANUFACTURED BY VACUUBRAND.
P89 PROVIDE DUAL GAS TURRET MODEL: Z88200 AND LABORATORY VALVE Z8001B MANUFACTURED BY ZURN
P91 PROVIDE NATRUAL GAS, COMPRESSED AIR AND VACUUM OUTLETS MANUFACTURED BY VACUUBRAND. FIELD CONFIRM EXACT TERMINATION POINTS AND QUANTITIES.
P93 ROUTE THE NATRUAL GAS, COMPRESSED AIR, VACUUM, WATER LINES, AND VENT LINES IN A MANNER AS TO AVOID THE WINDOWS ON THIS WALL. FIELD CONFIRM EXACT ROUTE OF LINES, TERMINATION POINTS, LOCATIONS AND QUANTITIES AT EACH CHEMISTRY & BIOLOGY CLASSROOM.
P94 PROVIDE ACCESS PANEL FOR NATRUAL GAS, COMPRESSED AIR, VACUUM, WATER LINES. FIELD CONFIRM/COORDINATE EXACT LOCATIONS OF LINES AND QUANTITIES AT EACH CHEMISTRY & BIOLOGY CLASSROOM.
P95 3/4" COLD WATER UP TO ROOF MOUNTED HOSE BIB. FIELD COORDINATE EXACT LOCATION.
P99 PROVIDE AN EMERGENCY PUSH BUTTON SHUT-OFF IN THIS AREA FOR THE UTILITIES SERVING THE CLASS ROOMS. REFER TO THE MANUFACTURER'S SPECIFICATION FOR MORE INSTALLATION REQUIREMENTS.
P101 GAS LINE DOWN FROM THE MAIN GAS LINE ON THE ROOF TO SERVE AREA A. FIELD COORDINATE THE EXACT CONNECTION POINT AND ROUTE FROM ABOVE.
P102 PROVIDE A VENT THRU THE ROOF OR TIE TO THE NEAREST MAIN VENT LINE THRU THE ROOF. FIELD COORDINATE EXACT TERMINATION POINTS AND INSTALL PER CODE. MAINTAIN 10'-0" CLEAR FROM ANY FRESH AIR INTAKE OPENINGS. ACID VENT TO BE SEPARATE FROM THE SANITARY VENT PER CODE.
P103 PROVIDE HEAT TRACE ON HOT WATER LINES IN THE CHEMISTRY AND BIOLOGY ROOMS.

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210-638-7200
TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO. 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C
A

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
61525
PROFESSIONAL ENGINEER
09/24/2025
LEAF ENGINEERS
F-18672

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

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LEVEL 1 - AREA A - PLUMBING

P-101A

0"
1"

LEVEL 1 - AREA B - PLUMBING
P-101B
FOR BLUEBEAM LABELING/DOOR:



KEYNOTE - AREA B

P70 EXISTING PLUMBING FIXTURE TO REMAIN AS INSTALLED.

1 LEVEL 1 - AREA B - PLUMBING
SCALE: 1/8" = 1'-0"

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION
2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130
CLIENT PROJECT NO. 250033
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ALAMO COLLEGES DISTRICT

B C
A

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
61525
PROFESSIONAL ENGINEER
09/24/2025
LEAF ENGINEERS
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CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

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LEVEL 1 - AREA B - PLUMBING

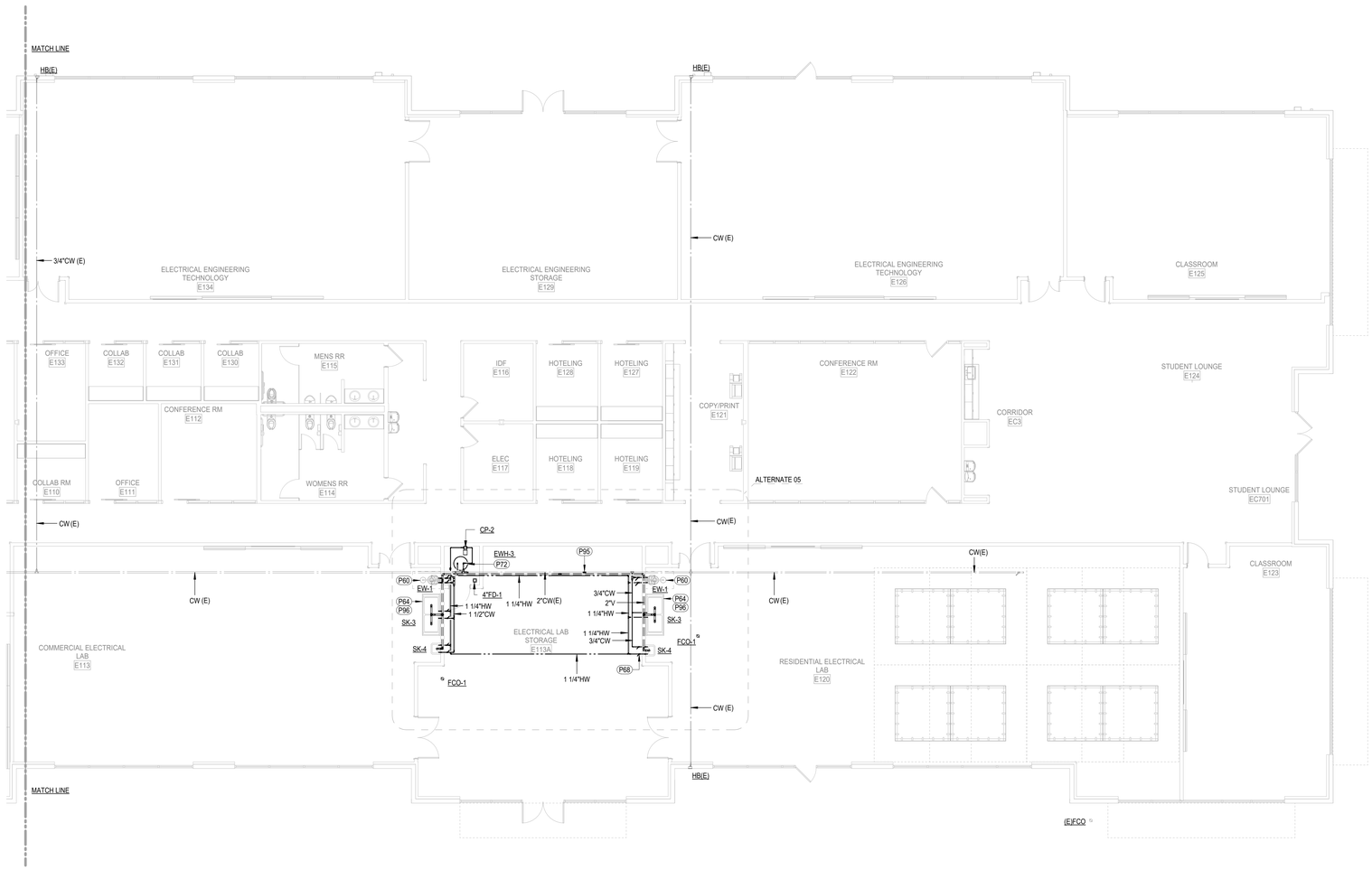
P-101B

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0"

1"

LEVEL 1 - AREA C - PLUMBING
P-101C
FOR BLUEBEAM LABELING/DOOR:



KEYNOTE - AREA C

P60 PROVIDE AN EMERGENCY EYEWASH WITH SHOWER AS SCHEDULED. PROVIDE A THERMOSTATIC MIXING VALVE AT EACH EMERGENCY EYEWASH TO PROVIDE TEPID WATER PER CODE. ALSO PROVIDE SHUT-OFF VALVES ON THE HOT AND COLD WATER SUPPLY SERVING THE EMEERGENCY SHOWERS. REFER TO THE EQUIPMENT SCHEDULE FOR MORE INFORMATION.
P64 PROVIDE 3/4" COLD WATER, 3/4" HOT WATER, AND A 2" VENT, 3" SANITARY SEWER
P68 APPROXIMATE LOCATION OF WATER LINE WITH SHUT-OFF VALVE ABOVE CEILING SERVING THE NEW EQUIPMENT. FIELD COORDINATE EXACT LOCATION AND TERMINATION POINTS. PROVIDE AN ACCESS PANEL PER CODE COORDINATE WITH ARCHITECT FOR SIZE AND LOCATION OF PANEL.
P72 PROVIDE ELECTRIC HOT WATER HEATER AS SCHEDULED AND DETAILED FIELD COORDINATE THE EXACT MOUNTING LOCATION.
P95 3/4" COLD WATER UP TO ROOF MOUNTED HOSE BIB. FIELD COORDINATE EXACT LOCATION.
P96 PROVIDE A SOLIDS INTERCEPTOR AS SCHEDULED UNDER THE TWO COMPARTMENT SINK.

ALTERNATE 05

INSTALLATION OF NEW PLUMBING EQUIPMENT AND PIPING IN THE ENCLOSED AREA INDICATED ON PLANS.

1 LEVEL 1 - AREA C - PLUMBING
SCALE: 1/8" = 1'-0"

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

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ALAMO COLLEGES DISTRICT

B C A

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED PROFESSIONAL ENGINEER
09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

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LEVEL 1 - AREA C - PLUMBING

P-101C

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ROOF PLAN - PLUMBING
P-201

FOR BLUEBEAM LABELING/DOOR:

0"
1"



1 **ROOF PLAN - PLUMBING**
SCALE: 1/16" = 1'-0"

KEYNOTE - ROOF PLAN

P102 PROVIDE A VENT THRU THE ROOF OR TIE TO THE NEAREST MAIN VENT LINE THRU THE ROOF. FIELD COORDINATE EXACT TERMINATION POINTS AND INSTALL PER CODE. MAINTAIN 10'-0" CLEAR FROM ANY FRESH AIR INTAKE OPENINGS. ACID VENT TO BE SEPARATE FROM THE SANITARY VENT PER CODE.

P104 PROVIDE SHUT-OFF VALVE AND CAP THE GAS LINE FOR FUTURE USE BY OTHERS.

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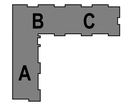
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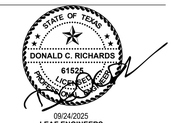
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ALAMO COLLEGES DISTRICT



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ROOF PLAN - PLUMBING

P-201

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PLUMBING SCHEDULES
P-501

FOR BLUEBEAM LABEL/INDOOR:

0"

1"

SPECIAL NOTE:

- PROVIDE ACID VENT FOR EACH ACID NEUTRALIZATION TANK. ROUTE THE ACID VENT TO THE NEAREST WALL AND UP THRU THE ROOF. MAINTAIN 10'-0" CLEAR FROM ANY FRESH AIR INTAKE OPENING PER CODE.
- IN CHEMISTRY LABS AND BIOLOGY LABS CONTRACTOR TO COORDINATE THE LOCATIONS AND NUMBER OF PORTS FOR COMPRESSED AIR, GAS AND VACUUM LINES ABOVE THE COUNTERS. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- IN ALL THE BIOLOGY AND CHEMISTRY ROOMS. ALL VACUUM EQUIPMENT, VACUUM FITTINGS, VACUUM PIPING AND AND VACUUM TERMINATION TURRETS SHALL BE VACUU-LAN BY VACUUBRAND OR APPROVED EQUAL.
- REFER TO THE ARCHITECTURAL DRAWINGS FOR THE FLOOR SLAB OPENING PLAN. ALL UNDERGROUND PLUMBING AND LAB UTILITY PIPING SERVING ISLAND FIXTURES WITHIN THE LABS SHALL BE ROUTED TO THE DESIGNATED LOCATION ON THE PLAN. FOR DRAWING AND SCOPE CLARITY THIS DRAWING DOES NOT SHOW EACH PENETRATION IN THE EXACT LOCATION SHOWN ON THE ARCHITECTURAL PLAN. DUE TO DRAWING SCALE IT WOULD MAKE THE PLAN UNREADABLE.
- ALL PIPE UPS ON THIS SHEET SERVE LAB UTILITY OUTLET FIXTURES ON THE LAB CASEWORK. FIXTURES ARE PROVIDED AND MOUNTED TO THE CASEWORK BY OTHERS. MAKE CONNECTIONS PER THE MANUFACTURER'S RECOMMENDATIONS. REFER TO THE ARCHITECTURAL PLANS FOR QUANTITY OF LAB UTILITY OUTLET FIXTURES.

ELECTRIC WATER HEATER SCHEDULE

UNIT	MANUFACTURER AND MODEL NUMBER	LOCATION	CAPACITY (GAL)	RECOVERY (GPH)	TEMP RISE (°F)	ELECTRICAL				REMARKS
						kW	V	Φ	Hz	
EWH-1	A.O. SMITH DEN-52		50	24.8	100	6	277	1	60	• PROVIDE WITH THERM-X-TROL ST-5-C EXPANSION TANK
EWH-2	A.O. SMITH DEL-40		40	49.7	100	12	480	3	60	• PROVIDE WITH THERM-X-TROL ST-5-C EXPANSION TANK
EWH-3	A.O. SMITH DEN-52		50	24.8	100	6	277	1	60	• PROVIDE WITH THERM-X-TROL ST-5-C EXPANSION TANK
iWH-1	Eemax SPEX4277T ML		-	0.5 GPM	56	4.1	277	1	60	

NOTES:

1. COORDINATE WITH WATER HEATER MANUFACTURER'S INSTALLATION DRAWINGS FOR PROPER AND CORRECT INSTALLATION OF ALL EQUIPMENT AND APPURTENANCES.

PUMP SCHEDULE

UNIT	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	INLET PRESSURE (PSI)	OUTLET PRESSURE (PSI)	RPM	CAPACITY		ELECTRICAL				REMARKS
							GPM	Ψ (FT)	HP	V	Φ	Hz	
CP-1	BELL & GOSSETT NBF-8S/LW	-	INLINE CIRCULATOR	-	2.2	2800	1.5	5	1/20	120	1	60	-
CP-2	BELL & GOSSETT NBF-8S/LW	-	INLINE CIRCULATOR	-	2.2	2800	1.5	5	1/20	120	1	60	-

NOTES:

1. COORDINATE WITH PUMP MANUFACTURER'S INSTALLATION DRAWINGS FOR PROPER AND CORRECT INSTALLATION OF ALL EQUIPMENT AND APPURTENANCES.

AIR COMPRESSOR SCHEDULE

UNIT	MANUFACTURER AND MODEL NUMBER	LOCATION	TYPE	TANK (GAL)	L x W x H	WT (LBS)	CAPACITY		ELECTRICAL			
							CFM	PRESSURE (PSI)	HP	V	Φ	Hz
AC-1	CHAMPION VR5-12	-	VERTICAL SIMPLEX RECIPROCANT	120	36" x 30" x 81"	765	23.5	125	5	460	3	60

NOTES:

1. COORDINATE WITH AIR COMPRESSOR MANUFACTURER'S INSTALLATION DRAWINGS FOR PROPER AND CORRECT INSTALLATION OF ALL EQUIPMENT AND APPURTENANCES.
2. TANK MOUNTED AND PIPED TO RECEIVER.
3. PROVIDE REFRIGERANT AIR DRYER (SEE SPECIFICATIONS).
4. PROVIDE DPR CONTROL PANEL.

LAB VACUUM PUMP SCHEDULE

UNIT	MANUFACTURER AND MODEL NUMBER	TYPE	RECIEVER CAPACITY (Gal.)	NOISE LEVEL (dB)	CAPACITY PRESSURE	WT (LBS)	CAPACITY		ELECTRICAL			
							CFM	PRESSURE (Hg)	HP	V	Φ	Hz
LVP-1	VACUUBRAND PC 3012NT VARIO	-	-	47	1.1 BAR	-	8.4	-	3	120	1	60
-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-

NOTES:

1. COORDINATE WITH LAB VACUUM PUMP MANUFACTURER'S INSTALLATION DRAWINGS FOR PROPER AND CORRECT INSTALLATION OF ALL EQUIPMENT AND APPURTENANCES.
2. TANK MOUNTED AND PIPED TO RECEIVER.

PLUMBING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	CONNECTION SIZE				REMARKS
		WASTE	VENT	CW	HW	
LS-1	SINK, DROP-IN SINGLE BOWL, TYPE 304 STAINLESS STEEL, WRISTBLADE LEVER HANDLES, 1.5 GPM W/ AERATOR FAUCET, ZURN Z-8746-CP OFFSET GRID DRAIN, ZURN Z-8802LR-CP ANGLE STOPS W/ Ø3/8" (OD) TUBING, DEARBORN 701-1 17 GA. P-TRAP, TRUEBRO 105W OFFSET INSULATION KIT (NOT REQUIRED IF CABINET APRON IS INSTALLED), ADA, LEAD-FREE WITH ACID NEUTRALIZATION TANK	2"	2"	3/4"	3/4"	• PROVIDE TEMPERING VALVE SIMILAR TO POWERS HYDROGUARD T/P SERIES E480
SK-1	SINK, DROP-IN SINGLE BOWL, TYPE 304 STAINLESS STEEL, WRISTBLADE LEVER HANDLES, 1.5 GPM W/ AERATOR FAUCET, ZURN Z-8746-CP OFFSET GRID DRAIN, ZURN Z-8802LR-CP ANGLE STOPS W/ Ø3/8" (OD) TUBING, DEARBORN 701-1 17 GA. P-TRAP, TRUEBRO 105W OFFSET INSULATION KIT (NOT REQUIRED IF CABINET APRON IS INSTALLED), ADA, LEAD-FREE	2"	2"	3/4"	3/4"	• PROVIDE TEMPERING VALVE SIMILAR TO POWERS HYDROGUARD T/P SERIES E480
SK-2	SINK, DROP-IN SINGLE (LARGE) BOWL, TYPE 304 STAINLESS STEEL, WRISTBLADE LEVER HANDLES, 1.5 GPM W/ AERATOR FAUCET, ZURN Z-8746-CP OFFSET GRID DRAIN, ZURN Z-8802LR-CP ANGLE STOPS W/ Ø3/8" (OD) TUBING, DEARBORN 701-1 17 GA. P-TRAP, TRUEBRO 105W OFFSET INSULATION KIT (NOT REQUIRED IF CABINET APRON IS INSTALLED), ADA, LEAD-FREE	2"	2"	3/4"	3/4"	• PROVIDE TEMPERING VALVE SIMILAR TO POWERS HYDROGUARD T/P SERIES E480
SK-3	SINK, DOUBLE BOWL, TYPE 304 STAINLESS STEEL, WRISTBLADE LEVER HANDLES, 1.5 GPM W/ AERATOR FAUCET, ZURN Z-8746-CP OFFSET GRID DRAIN, ZURN Z-8802LR-CP ANGLE STOPS W/ Ø3/8" (OD) TUBING, DEARBORN 701-1 17 GA. P-TRAP, TRUEBRO 105W OFFSET INSULATION KIT (NOT REQUIRED IF CABINET APRON IS INSTALLED), ADA, LEAD-FREE	2"	2"	3/4"	3/4"	• PROVIDE TEMPERING VALVE SIMILAR TO POWERS HYDROGUARD T/P SERIES E480
SK-4	SINK, WALL MOUNTED SINGLE BOWL, TYPE 304 STAINLESS STEEL, WRISTBLADE LEVER HANDLES, 1.5 GPM W/ AERATOR FAUCET, ZURN Z-8746-CP OFFSET GRID DRAIN, ZURN Z-8802LR-CP ANGLE STOPS W/ Ø3/8" (OD) TUBING, DEARBORN 701-1 17 GA. P-TRAP, ADA, LEAD-FREE	2"	2"	3/4"	3/4"	• PROVIDE TEMPERING VALVE SIMILAR TO POWERS HYDROGUARD T/P SERIES E480
EW-1	EMERGENCY SHOWER W/ EYE AND FACE WASH, BARRIER FREE PULL ROD, (4) POLYPROPYLENE SPRAY HEADS W/ INTEGRAL DUST COVERS AT EYE AND FACE WASH, FILTERED, ADA, LEAD-FREE	-	-	3/4"	-	• PROVIDE TEMPERING VALVE BY EMERGENCY SHOWER MANUFACTURER
FD-1	FLOOR DRAIN, ROUND, ADJUSTABLE NICKEL-BRONZE STRAINER, LACQUERED CAST IRON BODY W/ DOUBLE DRAINAGE FLANGE, WEEP HOLES, REVERSIBLE CLAMPING COLLAR, PUSH ON GASKET OUTLET OR NO HUB OUTLET	SEE PLANS		-	-	• PROVIDE TRAP PRIMER TYPE TP-2
FD-2	FLOOR DRAIN, SQUARE, ADJUSTABLE NICKEL-BRONZE STRAINER, LACQUERED CAST IRON BODY W/ DOUBLE DRAINAGE FLANGE, WEEP HOLES, REVERSIBLE CLAMPING COLLAR, SEDIMENT BUCKET, PUSH ON GASKET OUTLET OR NO HUB OUTLET	SEE PLANS		-	-	• PROVIDE TRAP PRIMER TYPE TP-1 OR TP-E
FD-3	FLOOR DRAIN, ROUND, MEDIUM-DUTY ACID RESISTANT COATED INTERIOR AND NICKEL-BRONZE RIM, LACQUERED CAST IRON BODY, SEEPAGE PAN, COMBINATION MEMBRANE FLASHING CLAMP AND FRAME, SEDIMENT BUCKET, PUSH ON GASKET OUTLET OR NO HUB OUTLET	SEE PLANS		-	-	• PROVIDE TRAP PRIMER TYPE TP-1 OR TP-E • PROVIDE 4" FUNNEL DRAIN FOR FREEZER DRAIN ONLY
TP-1	TRAP PRIMER, PRESSURE DROP TYPE, VACUUM BREAKER TRAP PRIMER CONNECTED TO COLD WATER SUPPLY ONLY W/ ISOLATION VALVE, LEAD-FREE	-	-	-	-	-
TP-2	TRAP PRIMER, FLUSH VALVE TYPE, VACUUM BREAKER TRAP PRIMER ATTACHED TO WATER CLOSET FLUSH VALVE, LEAD-FREE	-	-	-	-	-
TP-3	TRAP PRIMER, AUTOMATIC TYPE, INTEGRAL ANTI-SIPHON AIR PORT, CONNECT TRAP PRIMER TO COLD WATER SUPPLY ONLY, LEAD-FREE	-	-	-	-	-
RVB-1	REFRIGERATOR VALVE BOX, WALL-MOUNTED, STAINLESS STEEL PREFORMED ROUGH-IN BOX FLUSH W/ WALL, INTEGRAL WATER HAMMER ARRESTER, LEAD-FREE	-	-	3/4"	-	-
RVB-2	REFRIGERATOR VALVE BOX, WALL-MOUNTED, STAINLESS STEEL PREFORMED ROUGH-IN BOX FLUSH W/ WALL, INTEGRAL WATER HAMMER ARRESTER, LEAD-FREE	2"	2"	3/4"	3/4"	-
TMV-1	THERMOSTATIC MIXING VALVE, POINT-OF-USE, FLOW CAPACITY BETWEEN 0.35 GPM MINIMUM AND 4 GPM MAXIMUM AT 5 PSI PRESSURE DROP, VOLUME CONTROL SHUT-OFF VALVE ON OUTLET, CHECK VALVE ON INLETS, LEAD-FREE	-	-	3/4"	3/4"	-
TMV-2	THERMOSTATIC MIXING VALVE, HIGH / LOW USE, FLOW CAPACITY BETWEEN 3 GPM MINIMUM AND 14 GPM MAXIMUM AT 5 PSI PRESSURE DROP, VOLUME CONTROL SHUT-OFF VALVE ON OUTLET, CHECK VALVE ON INLETS, LEAD-FREE	-	-	1-1/4"	1-1/4"	-
TMV-3	THERMOSTATIC MIXING VALVE, MASTER FIXTURE BANK USE, FLOW CAPACITY BETWEEN 3 GPM MINIMUM AND 30 GPM MAXIMUM AT 5 PSI PRESSURE DROP, VOLUME CONTROL SHUT-OFF VALVE ON OUTLET, CHECK VALVE ON INLETS, LEAD-FREE	-	-	1-1/4"	1-1/4"	-
DI-1	DEIONIZER TANK HEAT & TREAT MODEL NO: 614402 B 5GPM 1.20 RESIN VOLUME 48" X 8"	-	-	-	-	-
UV-1	UV LIGHT MODEL: VIQUA-D4	-	-	-	-	-
RO-1	REVERSE OSMOSIS SYSTEM HEAT AND TREAT MODEL: HT-RO-NRO-F1440F-1600-2-RXXXX-SS	-	-	-	-	-
ST-1	CHECM-TAINER 300 GALON VERTICAL STORAGE TANK	-	-	-	-	-
CF-1	CARBON FILTER HEAT AND TREAT MODEL: HT-52-AC-14-10	-	-	-	-	-
P-1,P-2	DI PUMP TO BE GOULDS WATER TECHNOLOGY MODEL: 2AB25HM06	-	-	-	-	-
GR-1	GAS PRESSURE REGULATOR - CAST IRON BODY, INTERNAL OR EXTERNALPRESSURE RELIEF, THREADED CONNECTION, ADJUSTABL PRESSURE SETTING, TIGHT SHUT-OFF.	-	-	-	-	-
SV-1	SOLENOID VALVE (NATURAL GAS)-AUTOMATIC RESET SHUTOFF, ALUMINUM BODY CONSTRUCTION, 2-WAY NORMALLY CLOSED OPERATION, SUITABLE FOR NATURAL GAS SERVICE, VISUAL INDICATOR OF VALVE OPEN OR CLOSED, UL LISTED & FM APPROVED	-	-	-	-	-

NOTES:

1. ROUGH-IN SUPPLY WASTE AND VENT PIPE SIZES INDICATED ARE MINIMUM SIZES SHOWN FOR ROUGH-IN PURPOSES ONLY.
2. COORDINATE WITH FIXTURE MANUFACTURER'S INSTALLATION DRAWINGS FOR PROPER AND CORRECT INSTALLATION OF ALL FIXTURES AND APPURTENANCES.
3. ALL PLUMBING FIXTURES SHALL BE COMPLETELY ROUGH-IN BY THE PLUMBING CONTRACTOR AND SHALL MEET ALL CODES HAVING JURISDICTION.
4. ALL FIXTURES TO BE COMMERCIAL GRADE UNLESS OTHERWISE NOTED.
5. PROVIDE A WATER HAMMER ARRESTER IN PIPING TO ALL FIXTURES AND / OR FIXTURE BANKS.
6. PROVIDE A SHUT-OFF VALVE AT ALL FIXTURES AND / OR FIXTURE BANKS AND AT EACH FLOOR IF FIXTURES AND / OR FIXTURE BANKS ARE STACKED (MULTI-LEVEL).

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TX FIRM: BR 1608
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210-829-0123

LEAF ENGINEERS
601 N.W. LOOP 410, SUITE 460
SAN ANTONIO, TX 78216
210-638-7200
TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED
PROFESSIONAL ENGINEER

09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker

DRAWN BY: Author

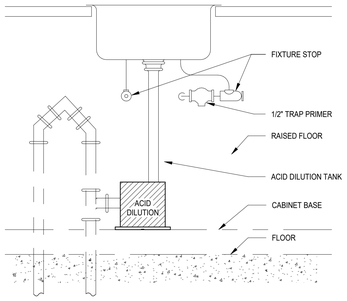
PLUMBING SCHEDULES

P-501

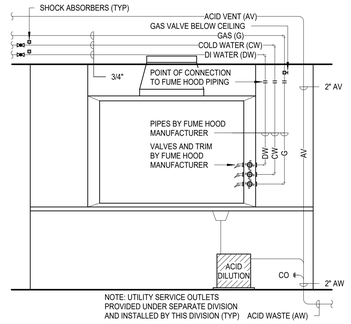
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P-601
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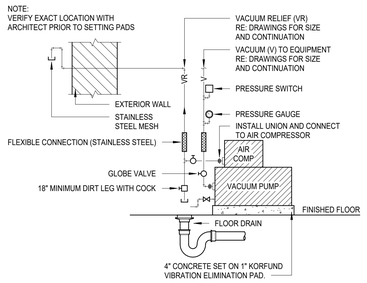
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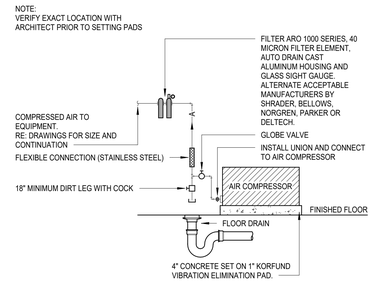
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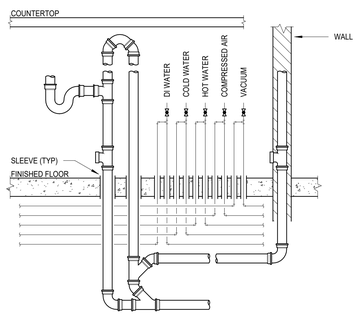
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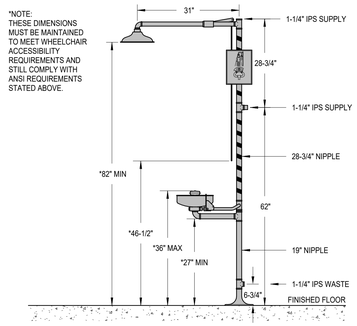
3 LAB VACUUM
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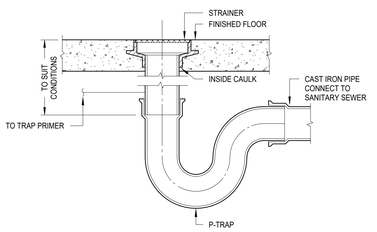
4 LAB AIR COMPRESSOR
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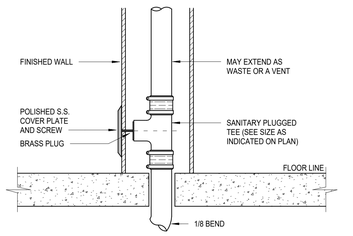
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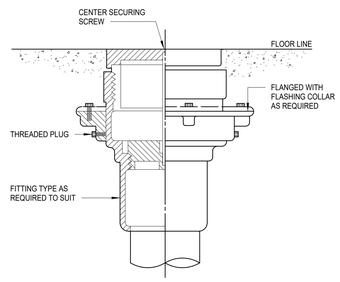
6 BARRIER FREE EYE/FACE WASH
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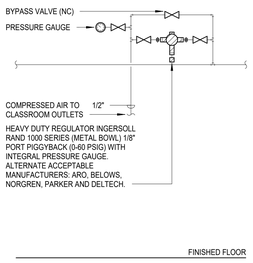
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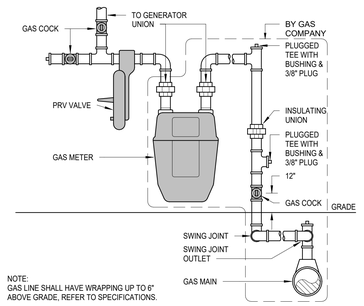
8 WALL CLEANOUT DETAIL
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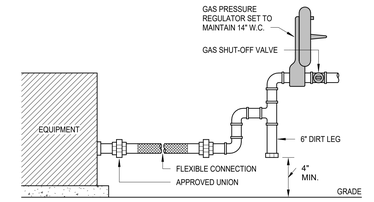
9 FLOOR CLEANOUT
SCALE: N.T.S



10 CLASSROOM COMPRESSED AIR PRV
SCALE: N.T.S



11 GAS METER
SCALE: N.T.S



12 EQUIPMENT GAS CONNECTION
SCALE: N.T.S

Plot Stamp:
9/23/2025 7:16:34 PM

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SAN ANTONIO, TX 78216
210-638-7200
TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION
2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130
CLIENT PROJECT NO: 250033
ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED PROFESSIONAL ENGINEER
09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE 09/24/2025	PROJECT NUMBER 250033

DRAWING HISTORY

No.	Description	Date

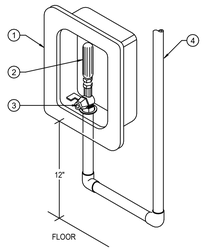
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DRAWN BY: Author

PLUMBING DETAILS

P-601

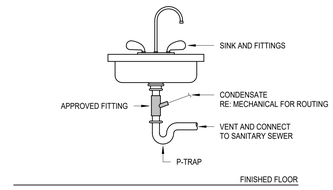
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P-602
FOR BLUEBEAM LABELING/DOOR:

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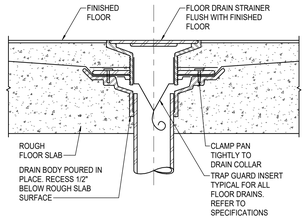


NOTES:
1. RECESSED WALL BOX.
2. WATER HAMMER ARRESTER PDI-A.
3. BALL VALVE.
4. WATER INLET.

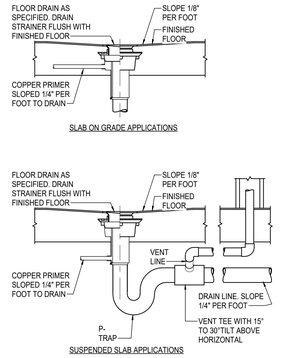
1 COLD WATER SUPPLY BOX DETAIL
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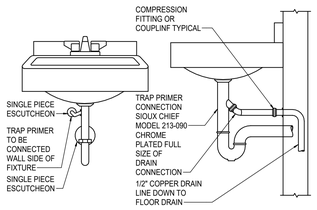
2 CONDENSATE TO SINK TAILPIECE
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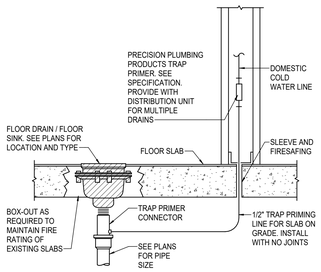
3 FLOOR DRAIN WITH TRAP GUARD DETAIL
SCALE: NOT TO SCALE



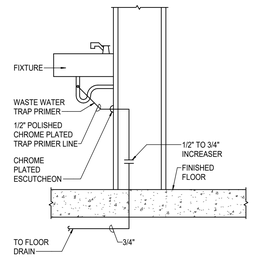
4 FLOOR DRAIN WITH TRAP PRIMER DETAIL
SCALE: NOT TO SCALE



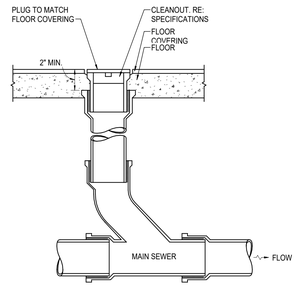
5 TRAP PRIMER AT LAVATORY DETAIL
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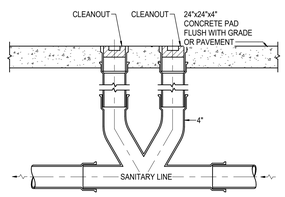
6 TRAP PRIMER DETAIL
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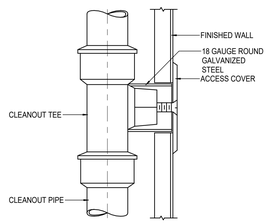
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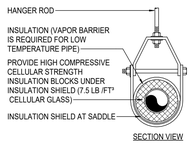
8 INTERIOR CLEANOUT DETAIL
SCALE: NOT TO SCALE



9 DOUBLE EXTERIOR CLEANOUT DETAIL
SCALE: NOT TO SCALE



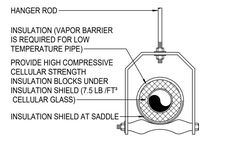
10 WALL CLEANOUT DETAIL
SCALE: NOT TO SCALE



MAXIMUM PIPING / TUBING SUPPORT SPACING																
NOM. SIZE	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
PIPING	7'	7'	7'	9'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'
TUBING	5'	6'	6'	6'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'

NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.

11 ADJUSTABLE CLEVIS PIPE HANGER DETAIL
SCALE: NOT TO SCALE



MAXIMUM PIPING / TUBING SUPPORT SPACING																
NOM. SIZE	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
PIPING	7'	7'	7'	9'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'
TUBING	5'	6'	6'	6'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'	8'

NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.

12 ADJUSTABLE ROLLER PIPE HANGER DETAIL
SCALE: NOT TO SCALE

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601 N.W. LOOP 410, SUITE 460
SAN ANTONIO, TX 78216
210-638-7200
TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED
PROFESSIONAL ENGINEER
09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: Checker
DRAWN BY: Author

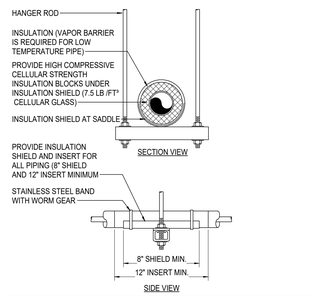
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P-602

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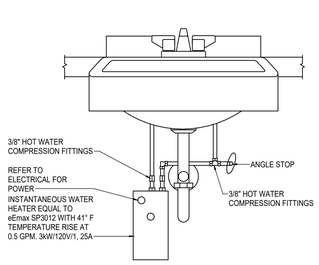
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P-603
FOR BLUEBEAM LABELING/DOOR:

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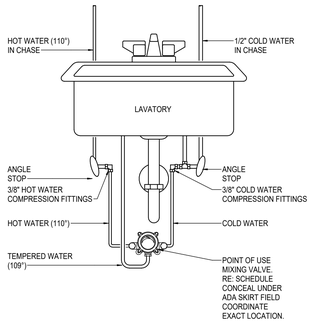


MAXIMUM PIPING / TUBING SUPPORT SPACING															
NOM. SIZE	3/4"	1"	1 1/4"	1 1/2"	2"	3"	4"	5"	6"	8"	10"	12"	14"	16"	18"	20"	24"
PIPING	7'	7'	7'	9'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'	10'
TUBING	5'	6'	6'	6'	6'	6'	6'	6'	6'	6'	6'	6'	6'	6'	6'	6'	6'
NOTE: FOR TRAPEZE HANGER TAKE SPACING OF SMALLEST SIZE ON TRAPEZE.																	

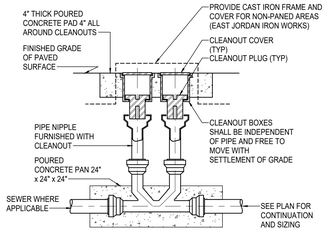
1 TRAPEZE PIPE HANGER DETAIL
SCALE: NOT TO SCALE



2 INSTANTANEOUS WATER HEATER DETAIL
SCALE: NOT TO SCALE



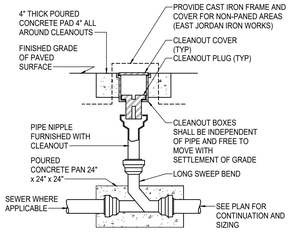
3 POINT OF USE MIXING VALVE DETAIL
SCALE: NOT TO SCALE



NOTES:

1. ALL COVERS SHALL BE SCREWED DOWN TO PLUG WITH TAMPER PROOF HEX HEAD SCREW.

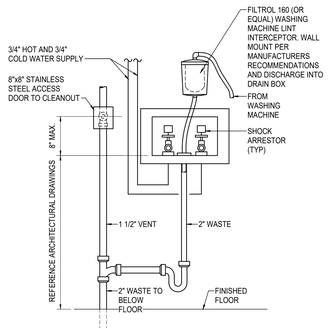
4 TWO WAY YARD CLEANOUT DETAIL
SCALE: NOT TO SCALE



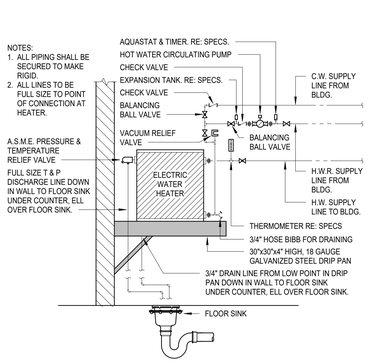
NOTES:

1. ALL COVERS SHALL BE SCREWED DOWN TO PLUG WITH TAMPER PROOF HEX HEAD SCREW.

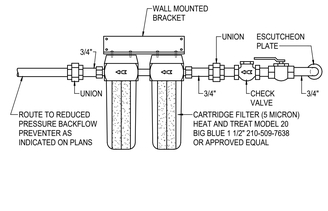
5 ONE WAY YARD CLEANOUT DETAIL
SCALE: NOT TO SCALE



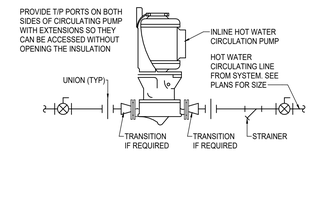
6 WASHER / DRAIN BOX CONNECTION DETAIL
SCALE: NOT TO SCALE



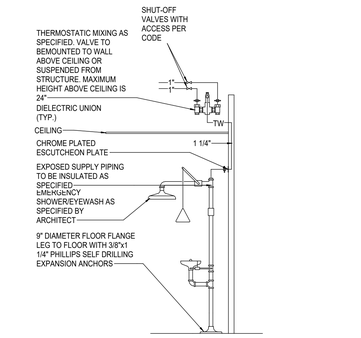
7 ELECTRIC WATER HEATER ELEVATED
SCALE: N.T.S



8 WATER FILTER MOUNTING DETAIL
SCALE: NOT TO SCALE



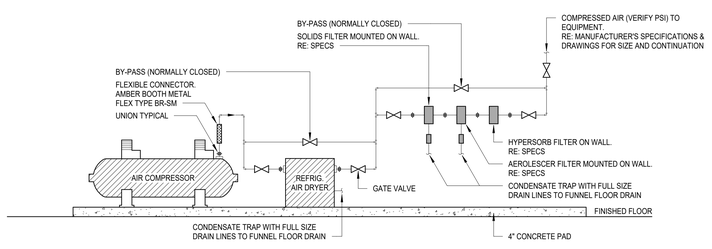
9 INLINE CIRCULATING PUMP DETAIL
SCALE: NOT TO SCALE



NOTES:

1. REFER TO ARCHITECTURAL FOR EXACT LOCATIONS.

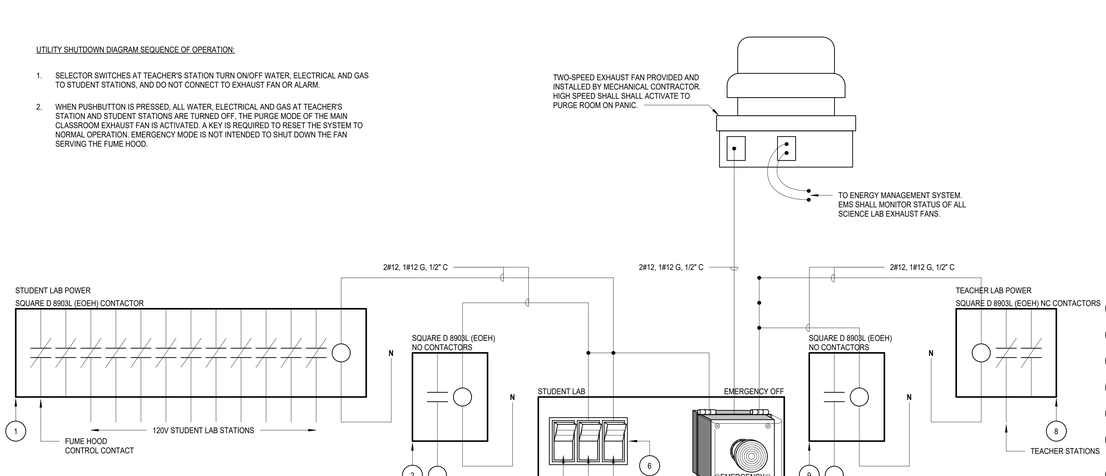
10 EMERGENCY SHOWER/EYEWASH DETAIL
SCALE: NOT TO SCALE



12 AIR COMPRESSOR PIPING DIAGRAM
SCALE: N.T.S

UTILITY SHUTDOWN DIAGRAM SEQUENCE OF OPERATION:

1. SELECTOR SWITCHES AT TEACHER'S STATION TURN ON/OFF WATER, ELECTRICAL AND GAS TO STUDENT STATIONS, AND DO NOT CONNECT TO EXHAUST FAN OR ALARM.
2. WHEN PUSHBUTTON IS PRESSED, ALL WATER, ELECTRICAL AND GAS AT TEACHER'S STATION AND STUDENT STATIONS ARE TURNED OFF. THE PURGE MODE OF THE MAIN CLASSROOM EXHAUST FAN IS ACTIVATED. A KEY IS REQUIRED TO RESET THE SYSTEM TO NORMAL OPERATION. EMERGENCY MODE IS NOT INTENDED TO SHUT DOWN THE FAN SERVING THE FUME HOOD.



UTILITY SHUTDOWN DIAGRAM GENERAL NOTES:

1. DETAIL IS SCHEMATIC AND IS NOT INTENDED TO SHOW ALL WIRING CONNECTIONS, RELAYS, ETC. CONTRACTOR TO PROVIDE ALL LOW-VOLTAGE WIRING, LINE VOLTAGE WIRING, CONTACTORS, RELAYS, SOLENOID VALVES, BACK BOXES, CONDUIT, ETC. CONTRACTOR TO PROVIDE A COMPLETE WORKING SYSTEM AS DESCRIBED IN UTILITY CONTROLLER SEQUENCE OF OPERATION.
2. DETAIL ASSUMES ALL UTILITIES ARE CONTROLLED (ELECTRICAL, GAS). REFER TO PLAN FOR UTILITIES CONTROLLED PER ROOM, MODIFY SYSTEM AS REQUIRED.
3. ELECTRICAL CONTRACTOR SCOPE OF WORK - IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO PROVIDE IN HIS BASE BID ALL LABORATORY SAFETY DEVICE SYSTEM EQUIPMENT, AS WELL AS CONDUIT SYSTEMS, OPERATING POWER, AND ALL LOW VOLTAGE CONTROL WIRING FOR THE LABORATORY SAFETY DEVICE SYSTEM AS OUTLINED IN THE DRAWINGS AND SPECIFICATIONS.
4. PLUMBING CONTRACTOR SCOPE OF WORK - IT SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO PROVIDE IN HIS BASE BID THE LABORATORY SAFETY DEVICE SYSTEM, SOLENOIDS, ASSOCIATED PIPING, ETC AS OUTLINED IN THE DRAWINGS AND SPECIFICATIONS.
5. MECHANICAL CONTRACTOR SCOPE OF WORK - IT SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR TO PROVIDE IN HIS BASE BID THE LABORATORY SAFETY DEVICE SYSTEM EXHAUST FAN, FUME HOOD, EMS INTERFACE AND CONTROLS.

UTILITY SHUTDOWN DIAGRAM KEYED NOTES:

1. CONTACTOR ENCLOSURE FOR REMOTE OPERATION OF LAB WORKSTATION POWER CIRCUITS. PROVIDE CONTACTOR FOR ALL STUDENT WORK STATION CIRCUITS.
2. GAS SHUT-OFF VALVE SOLENOID ENCLOSURE FOR REMOTE OPERATION OF STUDENT STATION GAS. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION.
3. ON/OFF ROCKER SWITCH FOR POWER.
4. ON/OFF ROCKER SWITCH FOR GAS.
5. ON/OFF ROCKER SWITCH FOR WATER NOT USED.
6. PROVIDE BOX SIZED AS REQUIRED AT TEACHERS WORKSTATION AS SHOWN ON PLANS WITH (3) ON/OFF SWITCHES AND ENGRAVED COVERPLATE TO READ "POWER ON/OFF", "GAS ON/OFF" AND "WATER ON/OFF" UNDER RESPECTIVE SWITCHES.
7. 2" RED E.P.O. MUSHROOM TYPE PUSHBUTTON UNDER POLYCARBONATE HINGED COVER WITH ENGRAVED NAMEPLATE TO READ "EMERGENCY OFF" AT TEACHER'S WORKSTATION AS SHOWN ON PLANS. KEY MUST BE REQUIRED TO RESET BUTTON.
8. CONTACTOR ENCLOSURE FOR REMOTE OPERATION OF TEACHER WORKSTATION POWER CIRCUITS. PROVIDE CONTACTOR FOR ALL TEACHER WORKSTATION CIRCUITS AND FUME HOOD(S) WHERE PROVIDED.
9. GAS SHUT-OFF VALVE SOLENOID ENCLOSURE FOR REMOTE OPERATION OF TEACHER WORKSTATION GAS AND FUME HOOD(S) SUPPLY WHERE PROVIDED. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATION.
10. WIRING AT TEACHER WORKSTATION - PROVIDE A TERMINAL STRIP (20 POINTS) IN TEACHER'S WORKSTATION TO TERMINATE POWER AND CONTROL WIRES SHOWN.

13 UTLITY SHUT DOWN DIAGRAM
SCALE: N.T.S

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED PROFESSIONAL ENGINEER
09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

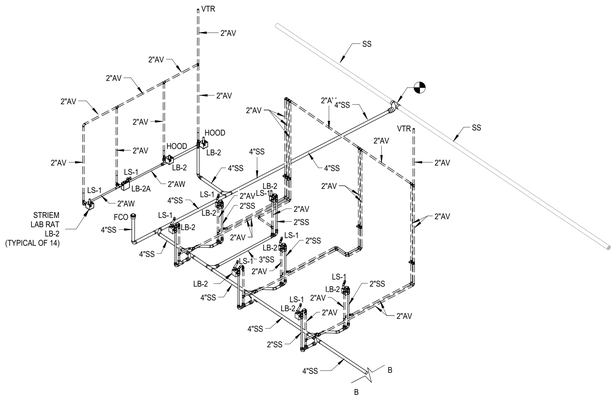
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PLUMBING DETAILS

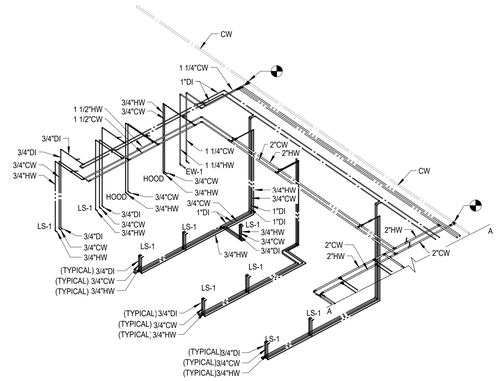
P-603

PLUMBING RISER DIAGRAMS
P-701
FOR BLUEBEAM LABELING/DOOR:

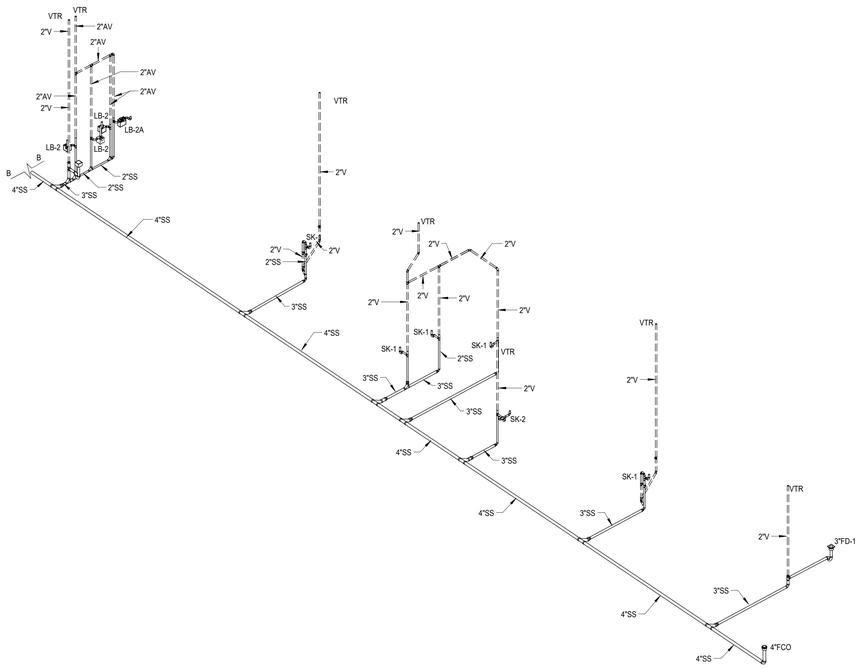
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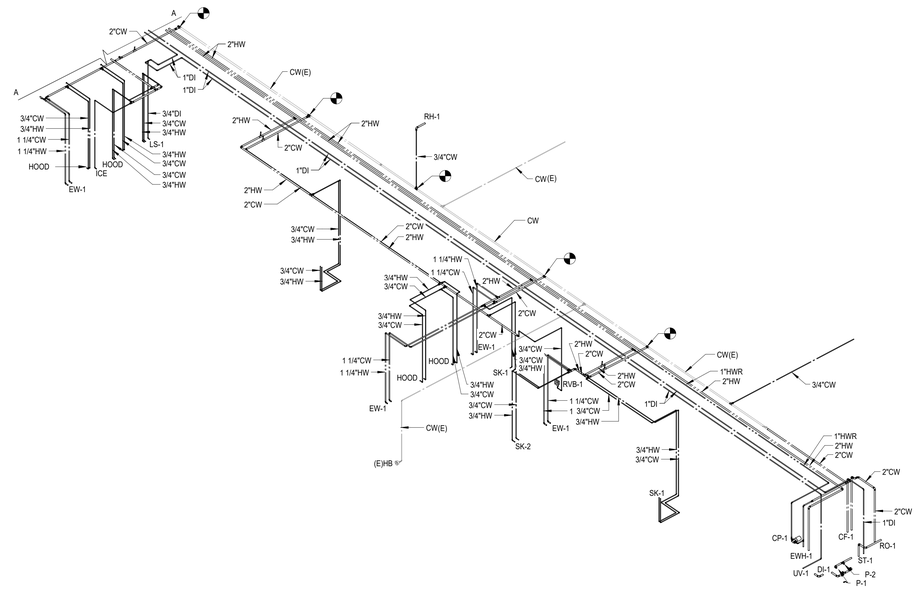
1 PLUMBING RISER DIAGRAM - CHEMISTRY LAB DWV
SCALE:



3 PLUMBING RISER DIAGRAM - CHEMISTRY LAB DW
SCALE:



2 PLUMBING RISER DIAGRAM - BIOLOGY DWV
SCALE:



4 PLUMBING RISER DIAGRAM - BIOLOGY DW
SCALE:

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

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ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

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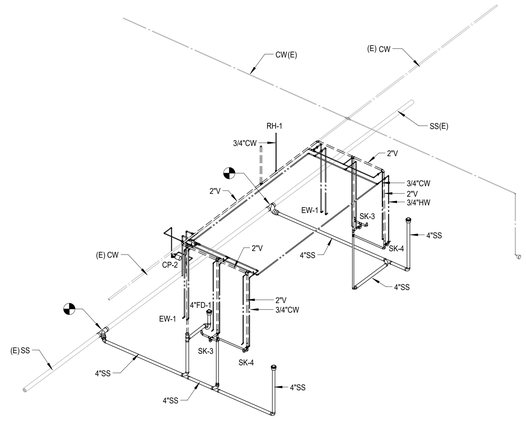
PLUMBING RISER DIAGRAMS

P-701

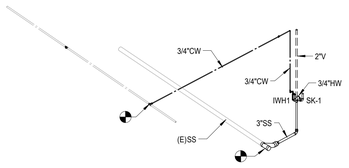
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PLUMBING RISER DIAGRAMS
P-702
FOR BLUEBEAM LABELING/OCR:

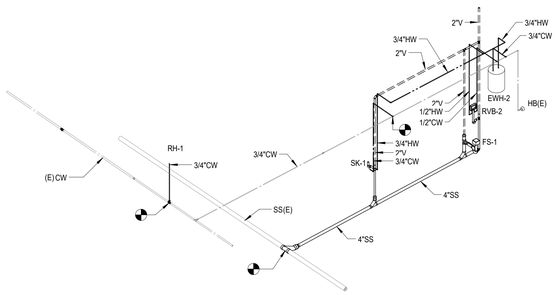
0"
1"



1 PLUMBING RISER DIAGRAM - ELECTRICAL LAB STORAGE
SCALE:



2 PLUMBING RISER DIAGRAM - ALLIED HEALTH
SCALE:



3 PLUMBING RISER DIAGRAM - NURSING STORAGE
SCALE:

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CLIENT PROJECT NO: 250033
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ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

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No.	Description	Date

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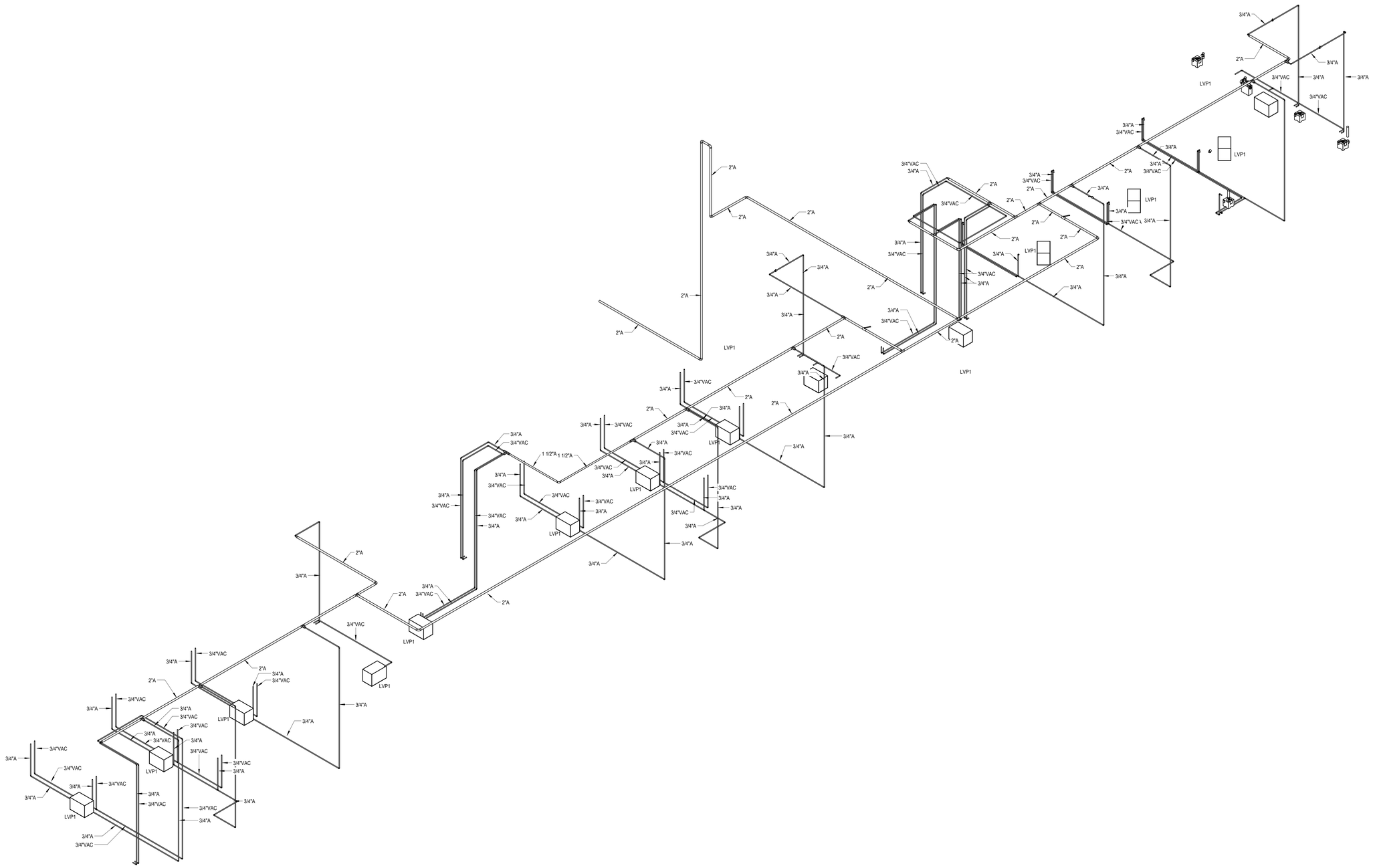
PLUMBING RISER DIAGRAMS

P-702

Plot Stamp:
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PLUMBING RISER DIAGRAMS - AIR & VACUUM
P-703
FOR BLUEBEAM LABELING/DOOR:

0"
1"



1 PLUMBING RISER DIAGRAM - AIR & VACUUM
SCALE:

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No.	Description	Date

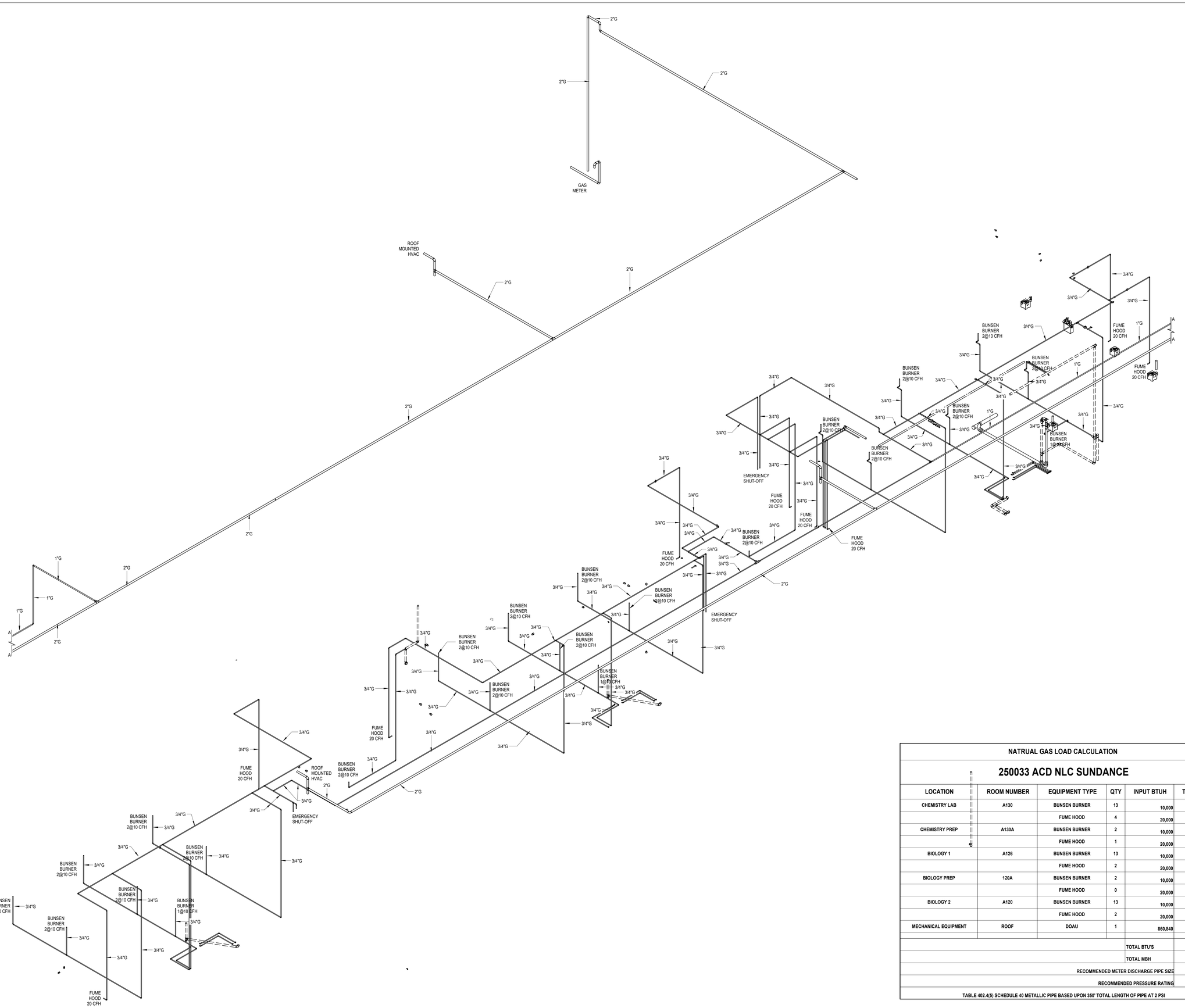
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PLUMBING RISER DIAGRAMS - AIR & VACUUM

P-703

PLUMBING RISER DIAGRAMS - GAS
P-704
FOR BLUEBEAM LABELING/DOOR:

0"
1"



1 **PLUMBING RISER DIAGRAM - GAS**
SCALE:

NATRUAL GAS LOAD CALCULATION

250033 ACD NLC SUNDANCE

LOCATION	ROOM NUMBER	EQUIPMENT TYPE	QTY	INPUT BTUH	TOTAL BTUH
CHEMISTRY LAB	A130	BUNSEN BURNER	13	10,000	130,000
		FUME HOOD	4	20,000	80,000
CHEMISTRY PREP	A130A	BUNSEN BURNER	2	10,000	20,000
		FUME HOOD	1	20,000	20,000
BIOLOGY 1	A126	BUNSEN BURNER	13	10,000	130,000
		FUME HOOD	2	20,000	40,000
BIOLOGY PREP	120A	BUNSEN BURNER	2	10,000	20,000
		FUME HOOD	0	20,000	-
BIOLOGY 2	A120	BUNSEN BURNER	13	10,000	130,000
		FUME HOOD	2	20,000	40,000
MECHANICAL EQUIPMENT	ROOF	DOAU	1	860,840	860,840
				TOTAL BTU'S	1,470,840
				TOTAL MBH	1,471
				RECOMMENDED METER DISCHARGE PIPE SIZE	2"
				RECOMMENDED PRESSURE RATING	2.0 PSI

TABLE 402.4(5) SCHEDULE 40 METALLIC PIPE BASED UPON 350' TOTAL LENGTH OF PIPE AT 2 PSI

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PLUMBING RISER DIAGRAMS - GAS

P-704

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TECHNOLOGY SYSTEM NOTES AND LEGENDS
T-001

FOR BLUEBEAM LABELING/OCR:

0"
1"

FIRE ALARM LEGEND

GROUP	SYMBOL	DESCRIPTION
DEVICES		FOOT ADDED TO ANY SYMBOL INDICATES WALL MOUNTED.
	F	MANUAL FIRE ALARM PULL STATION. INSTALL AT 48" A.F.F. PROVIDE STOPPER II COVER WITH HORN.
	F	FIRE ALARM SPEAKER OR HORN. PROVIDE WEATHER RESISTANT MODELS FOR DEVICES INSTALLED ON THE EXTERIOR.
		COMBINATION SPEAKER / STROBE. PROVIDE WEATHER RESISTANT MODELS FOR DEVICES INSTALLED ON THE EXTERIOR.
		VISUAL ALARM STROBE.
	S	SMOKE DETECTOR. NO SUBSCRIPT INDICATES IONIZATION TYPE; "P" INDICATES PHOTOELECTRIC TYPE; "D" INDICATES DUCT TYPE AND PHOTOELECTRIC.
		HEAT DETECTOR; COMBINATION RATE OF RISE AND FIXED TEMPERATURE. "F" INDICATES FIXED TEMPERATURE ONLY; "R" INDICATES RATE OF RISE ONLY. "C" INDICATES RATE COMPENSATION TYPE.
	CO	CARBON MONOXIDE DETECTOR.
	B	BEAM SMOKE DETECTOR. "T" INDICATES TRANSMITTER. "R" INDICATES RECEIVER.
	FT	FIRE FIGHTER'S TELEPHONE JACK. "H" INDICATES PERMANENT EMERGENCY TELEPHONE HANDSET.
	R	AUXILIARY CONTROL RELAY. "2" INDICATES TWO RELAYS REQUIRED FOR FIRE FIGHTER OVERRIDE CONTROL.
	D	FIRE/SMOKE DUCT DAMPER WITH MOTOR ACTUATOR (BY DIV. 15). PROVIDE FIRE ALARM CONTROL RELAYS AND ADDRESSABLE MODULE.
	FTC	TERMINAL CABINET FOR FIRE ALARM SYSTEM WIRING.
	FACP	FIRE ALARM CONTROL PANEL. INSTALL AT 58" TO CENTER OF PANEL / 72" TO TOP OF PANEL.
	FAA	FIRE ALARM ANNUNCIATOR PANEL.
	FTR	FIRE ALARM TRANSPONDER.
	SV	SPRINKLER SYSTEM GATE VALVE MONITOR SWITCH.
	FS	SPRINKLER SYSTEM WATER FLOW SWITCH.
	TS	TAMPER SWITCH.
	SV	SPRINKLER SYSTEM ALARM CHECK VALVE.
	B	SPRINKLER SYSTEM ELECTRIC ALARM BELL.
	FA	SPRINKLER SYSTEM PRE-ACTION CONTROL PANEL.
	DH	DOOR HOLDER.
	MM	MONITOR MODULE

NOTE:
1. EVERY SYMBOL SHOWN ON LEGEND MAY NOT APPEAR ON DRAWINGS. REFER TO GENERAL ELECTRICAL NOTES FOR WALL-MOUNTED DEVICE MOUNTING HEIGHTS AND BACK BOX REQUIREMENTS.
2. REFERENCE SPECIFICATIONS FOR MATERIALS AND METHODS.
3. COMPLETE INSTALLATION OF ALL PRODUCTS SHALL BE IN COMPLIANCE WITH ALL CODES, INDUSTRY STANDARDS, COMMON PRACTICES AND MANUFACTURER'S INSTRUCTIONS.
4. CONTRACTOR SHALL PROVIDE BEAM SMOKE DETECTORS IN ALL HIGH CIELING AREAS AS REQUIRED BY CODE.

SEQUENCE OF OPERATIONS

1. WHEN A FIRE ALARM CONDITION IS DETECTED BY ANY OF THE SYSTEM ALARM INITIATING DEVICES THE CONTROL PANEL MUST RESPOND WITHIN 3 SECONDS, THE FOLLOWING FUNCTIONS OCCUR:
   A. THE SYSTEM COMMON ALARM LED ON THE CPU MODULE SHALL FLASH. THE INTERNAL AUDIBLE TROUBLE DEVICE SHALL SOUND. ACKNOWLEDGEMENT OR SILENCING THE ALARM CONDITION SHALL SILENCE THE ALARM SIGNALS AND CAUSE FLASHING ALARM LED's TO ILLUMINATE STEADY.
   B. AN BACK-LIT LCD DISPLAY SHALL INDICATE ALL APPLICABLE INFORMATION ASSOCIATED WITH THE ALARM CONDITION INCLUDING: ZONE, DEVICE TYPE, DIVIDE LOCATION AND TIME OF ALARM. LOCATION AND ZONING MESSAGES SHALL BE CUSTOM FIELD PROGRAMMED TO RESPECTIVE PREMISES. THE ALARM INFORMATION MUST BE STORED IN EVENT MEMORY FOR LATER REVIEW. EVENT MEMORY MUST BE AVAILABLE AT THE MAIN AND ALL REMOTE ANNUNCIATORS.
   C. ANY REMOTE OR LOCAL ANNUNCIATOR LED's ASSOCIATED WITH THE ALARM ZONE SHALL BE ILLUMINATED AS HEREIN SPECIFIED.
   D. A THREE CHANNEL DIGITAL ALARM COMMUNICATOR SHALL BE INTEGRALLY PROVIDED AND TRANSMIT TROUBLE AND ALARM SIGNALS TO AN APPROVED REMOTE STATION, (REMOTE STATION CONNECTION AND SERVICE PROVIDED BY OWNER).
   E. WHEN THE ALARMED DEVICE IS RESTORED TO NORMAL, THE CONTROL PANEL SHALL BE REQUIRED TO BE MANUALLY RESET TO CLEAR THE ALARM CONDITION, EXCEPT THAT THE ALARMS MAY BE SILENCED AS PROGRAMMED.
   F. AN ALARM SHALL BE SILENCED BY A CODE OR FIREFIGHTER KEY AT THE MAIN OR REMOTE ANNUNCIATORS. WHEN SILENCED, THIS SHALL NOT PREVENT THE RESOUNDING OF SUBSEQUENT EVENTS IF ANY OTHER EVENT SHOULD OCCUR, (SUBSEQUENT ALARM FEATURE). WHEN ALARMS ARE SILENCED THE SILENCED LED ON THE CONTROL PANEL AND ON ANY REMOTE ANNUNCIATORS SHALL REMAIN LIT UNTIL THE ALARMED DEVICE IS RETURNED TO NORMAL.
   G. ALL AUTOMATIC EVENTS PROGRAMMED TO THE ALARM POINT SHALL BE EXECUTED AND THE ASSOCIATED INDICATING DEVICE AND/OR OUTPUTS ACTIVATED. AS EACH INDICATING CIRCUIT OR CONTROL RELAY IS ACTIVATED, ITS ASSOCIATED "ON" LED SHALL BE ILLUMINATED.
   H. ACTIVATE ALL AUDIBLE/VISUAL ALARM DEVICES.
   I. DE-ACTIVATE HVAC SYSTEMS OVER 2000 CFM IN AREA OF ALARM.
   J. DISPLAY SYSTEM STATUS CHANGES ON THE REMOTE ANNUNCIATOR(S).
   K. RELEASE ALL SMOKE DOOR, FIRE DOORS, FIRE COILING DOORS, FIRE SMOKE DAMPERS AND FIRE SHUTTERS.

GENERAL FIRE ALARM NOTES

1. ALL 120V POWER REQUIRED FOR THE FUNCTIONALITY OF THE FIRE ALARM SYSTEMS SHALL BE A DEDICATED CIRCUIT AND ON EMERGENCY POWER WHEN AVAILABLE. THE INSTALLING CONTRACTOR OF EACH SYSTEM SHALL BE RESPONSIBLE FOR PROVIDING THEIR OWN 120V POWER REQUIREMENTS FOR ALL REMOTE POWER SUPPLIES. THE GENERAL CONTRACTOR'S LICENSED ELECTRICAL SUBCONTRACTOR SHALL COORDINATE ELECTRICAL PANEL LOCATIONS AND AVAILABLE SPACE DEDICATED FOR THE CONTRACTOR'S SYSTEM REQUIREMENTS. (TYPICAL) ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL POWER TOMAIN CONTROL PANELS AND ALL HEAD END EQUIPMENT. SYSTEM INSTALLERS SHALL COORDINATE LOCATION AND CONNECTION OF CONTROL PANEL AND HEAD END POWER WITH THE PROJECT'S ELECTRICAL CONTRACTOR.
2. UNLESS SPECIFICALLY INDICATED ON THE DRAWINGS OR OTHERWISE INSTRUCTED BY THE ARCHITECT OR AS NOTED IN NFPA, FIRE ALARM DEVICES SHALL HAVE THE FOLLOWING MOUNTING HEIGHTS. VERIFY EXACT HEIGHT WITH ARCHITECT. DIMENSIONS ARE TO CENTER OF BOX UNLESS OTHERWISE NOTED:
   A. MANUAL FIRE PULL STATIONS - MOUNT AT 42" AFF TO THE TOP OF BOX FOR FRONTAL WHEELCHAIR APPROACH; AND 48" AFF FOR SIDE WHEELCHAIR APPROACH. PULL STATIONS SHALL BE LOCATED THROUGHOUT THE PROTECTED AREA SO THAT THEY ARE UNOBSTRUCTED AND ACCESSIBLE; MOUNT WITHIN 5 FT. OF THE EXIT DOORWAY OPENING AT EACH EXIT ON EACH FLOOR; MOUNT ON BOTH SIDES OF GROUP OPENINGS OVER 40 FT. IN WIDTH. ADDITIONAL
   B. FIRE ALARM AUDIBLE DEVICES - IF CEILING HEIGHTS ALLOW, WALL-MOUNTED APPLIANCES SHALL HAVE THEIR TOPS ABOVE THE FINISHED FLOORS AT HEIGHTS OF NOT LESS THAN 90 IN. AND BELOW THE FINISHED CEILING AT HEIGHTS OF NOT LESS THAN 6 IN. THIS REQUIREMENT SHALL NOT PRECLUDE CEILING-MOUNTED OR RECESSED APPLIANCES. COMPLY WITH NFPA 72, CHAPTER 4.
   C. SOUND PRESSURE LEVEL SHALL EXCEED THE PREVAILING EQUIVALENT SOUND IN THE ROOM BY AT LEAST 15 dbA OR EXCEED ANY MAX SOUND LEVEL WITH A DURATION OF 60 SECONDS BY 5 dbA, WHICHEVER IS LOUDER. SOUND LEVELS FOR ALARM SIGNALS SHALL NOT EXCEED 120 dbA.
3. FIRE ALARM VISUAL DEVICES SHALL COMPLY WITH NFPA 72, CHAPTER 4.
   A. VISUAL APPLIANCES CANDELA SHALL BE THE HIGHEST VALUE ALLOWED BY NFPA TABLE IN ORDER TO INSTALL THE FEWEST NUMBER OF STROBES.
   B. THE LAMP SHALL BE XENON STROBE TYPE OR EQUIVALENT.
   C. THE COLOR SHALL BE CLEAR OR NOMINAL WHITE.
   D. THE MAX. PULSE DURATION SHALL BE TWO TENTHS OF ONE SECOND (0.2 SEC) WITH A MAX. DUTY CYCLE OF 40%. THE PULSE DURATION IS DEFINED AS THE TIME INTERVAL BETWEEN INITIAL AND FINAL POINTS OF 10% MAX. SIGNAL.
   E. THE INTENSITY SHALL BE A MINIMUM OF 75 CANDELA.
   F. THE FLASH RATE SHALL BE A MIN. OF 1Hz AND MAX. OF 3Hz.
4. VISUAL APPLIANCES SHALL BE PLACED 80" ABOVE THE HIGHEST FLOOR LEVEL WITHIN THE SPACE OR 6" BELOW THE CEILING, WHICHEVER IS LOWER. CEILING MOUNTED WERE INDICATED.
5. AT A MINIMUM, VISUAL SIGNALS APPLIANCES SHALL BE PROVIDED IN BUILDINGS AND FACILITIES IN EACH OF THE FOLLOWING AREAS: HALLWAYS, LOBBIES, AND ANY OTHER GENERAL USAGE AREAS.
6. ALL EQUIPMENT AND WORK PERFORMED SHALL COMPLY WITH ALL OF THE CURRENT AND APPLICABLE CODES, RULES, ORDINANCES, REGULATIONS, AND STANDARDS AS INTERPRETED AND ENFORCED BY THE AUTHORITIES HAVING JURISDICTION.
7. PROVIDE POWER FOR REMOTE BATTERY SUPPLIES AND BOOSTER PANELS AS NEEDED. FIRE ALARM CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR FOR CIRCUIT.
8. ALL FIRE ALARM WIRING SHALL ROUTE DOWN CORRIDORS AND WALKWAYS PARALLEL AND PERPENDICULAR TO BUILDING WALLS.
9. ALL FIRE ALARM CABLING SHALL BE SUPPORTED IN DEDICATED CABLE SUPPORTS. DO NOT ROUTE IN OR TIE-WRAP DIRECTLY TO THE BUILDING'S STRUCTURE.
10. NOT IN USE
11. ALL NOTIFICATION APPLIANCE CIRCUIT CABLES AND ALL OTHER FIRE ALARM SYSTEM CABLE SHALL HAVE A RED OUTER JACKET.
12. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL ANY CONDUITS AND/OR BOXES REQUIRED FOR THE INSTALLATION FIRE ALARM DEVICES.
13. PROVIDE AND INSTALL PROTECTIVE BUSHINGS ON ALL STUB-OUTS AND SLEEVES TO PREVENT CABLE DAMAGE. BUSHINGS TO BE INSTALLED PRIOR TO CABLE INSTALLATION. CUTTING BUSHING AND INSTALLING AFTER CABLE IS INSTALLED WILL NOT BE ACCEPTED.
14. PROVIDE AND INSTALL STOPPER II PROTECTIVE COVERS WITH A LOCAL ALARM FOR ALL MANUAL PULL STATIONS ON THE ENTIRE PROJECT.
15. CONTRACTOR TO PROVIDE CEILING MOUNTED LED NOTIFICATION DEVICES WITH TEST BUTTON FOR ALL DUCT DETECTORS THAT ARE MOUNTED ABOVE CEILING AND/OR IN LOCATIONS NOT VISIBLE FROM THE FLOOR.
16. ALL FIRE ALARM DEVICES ARE NEW UNLESS NOTED OTHERWISE. CONTRACTOR TO CONNECT NEW DEVICES TO EXISTING FIRE ALARM PANEL AND CONFIGURE PANEL FOR NEW DEVICES AND LAYOUT.
17. CONTRACTOR SHALL PROVIDE AND INSTALL A RELAY FOR EACH FIRE/SMOKE DAMPER ON PROJECT. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS.
18. CONTRACTOR SHALL PROVIDE DUCT DETECTORS ON ALL AIR HANDLING UNITS RATED ABOVE 2,000 CFM AND PER NFPA. PROVIDE DUCT DETECTORS IN BOTH THE HOT AND COLD DECK ON ALL OF THE AHU UNITS. REFER TO MECHANICAL DRAWINGS FOR QUANTITIES AND LOCATIONS OF ALL AHUs.
19. CONTRACTOR SHALL PROVIDE ALL CABLING AND DEVICES REQUIRED TO PROVIDE THE SHUT-DOWN OF ALL HVAC AIR HANDLING UNITS UPON THE FIRE ALARM SYSTEM ENTERING ALARM STATE AND START UP OF ALL AIR HANDLING UNITS UPON THE FIRE ALARM SYSTEM BEING RESET TO A NON-ALARM STATE.
20. CONTRACTOR SHALL PROVIDE ALL REQUISITE FIRE ALARM MODULES AND CABLING AS REQUIRED TO PROVIDE CONTROL OF THEATER / AUDITORIUM HOUSE LIGHTS IN ORDER TO BRING THE LIGHTS UP TO 100% IN AN ALARM EVENT. COORDINATE WITH OTHER TRADES.
21. PROVIDE MOUNTING SUPPORT FROM GRID OR BUILDING STRUCTURE FOR ALL DEVICES INSTALLED IN LAY-IN CEILING TILE.
22. ALL 120V POWER FOR THE SYSTEMS SHALL BE INSTALLED WITHIN THE ENCLOSURE OR INSTALLED IN CONDUIT CONNECTED TO THE ENCLOSURE SO THAT NO CABLING IS EXPOSED. MC CABLE, ROMEX, SO CABLES OR OTHER METHODS ARE NOT ACCEPTABLE.
23. CONTRACTOR SHALL PROVIDE SMOKE DETECTION DEVICES ABOVE ALL PARTIAL CEILING IN ALL CORRIDORS AND OTHER SPACES PER NFPA 72.

AUDIO & VIDEO GENERAL NOTES

1. ALL 120V POWER REQUIRED FOR THE FUNCTIONALITY OF EACH SYSTEM SHALL BE A DEDICATED CIRCUIT. THE INSTALLING CONTRACTOR'S LICENSED ELECTRICAL SUBCONTRACTOR SHALL COORDINATE ELECTRICAL PANEL LOCATIONS AND AVAILABLE SPACE DEDICATED FOR THE CONTRACTOR'S SYSTEM REQUIREMENTS (TYPICAL). ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL POWER TO MAIN CONTROL PANELS AND ALL HEAD END EQUIPMENT.
2. THE PROJECT'S ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL IN WALL CONDUITS, BELOW GRADE CONDUITS, BELOW SLAB CONDUITS, CONDUITS ACROSS OPEN AREAS, BACK BOXES, SLEEVES AND PULL STRING REQUIRED FOR DEVICES AND PATHWAYS SHOWN ON THE FLOOR PLANS AND DETAIL SHEETS. ANY ADDITIONAL CONDUITS, SLEEVES, AND RACEWAY REQUIREMENTS FOR EACH SYSTEM SHALL BE THE RESPONSIBILITY OF EACH SYSTEM INSTALLER.
3. ALL EXPOSED WIRING OR WIRING ROUTING ACROSS NON ACCESSIBLE CEILINGS SHALL BE ROUTED IN CONDUIT. SIZE CONDUIT AS REQUIRED TO ROUTE SYSTEMS WITH 40% CABLE FILL RATIO. MINIMUM CONDUIT SIZE SHALL BE 3/4".
4. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING ALL EXTERIOR WALL PENETRATIONS ARE PROPERLY SEALED TO PREVENT ELEMENTS FROM ENTERING BUILDING.
5. NO CONDUITS OR SEAL-TITE SHALL BE INSTALLED ON THE EXTERIOR OF THE BUILDING.
6. ALL CONDUIT STUB OUTS AND SLEEVES SHALL HAVE PROTECTIVE BUSHINGS TO PREVENT CABLE DAMAGE. BUSHING TO BE INSTALLED PRIOR TO CABLE INSTALLATION. CUTTING BUSHING AND INSTALLING AFTER CABLE IS INSTALLED WILL NOT BE ACCEPTED. CONTRACTOR TO MAINTAIN A 40% MAXIMUM FILL RATION ON ALL SLEEVES INSTALLED.
7. ALL CABLE SHALL BE ROUTED DOWN CORRIDORS, PARALLEL AND PERPENDICULAR TO THE BUILDING WALLS AND STRUCTURE. CABLE TO EACH DEVICE SHALL BRANCH OFF OF A MAIN CORRIDOR TRUNK. ROUTING CABLES THROUGH CLASSROOMS, OFFICES, STORAGE ROOMS, RESTROOMS OR ANY TYPE OF ROOM OTHER THAN A CORRIDOR WILL NOT BE ACCEPTED. ENTER ALL ROOMS ABOVE THE ASSOCIATED ROOM DOORWAY.
8. THE SYSTEM INSTALLER SHALL PROPERLY SUPPORT ALL INSTALLED SYSTEM CABLING FROM A J-MOD CABLE SUPPORT SYSTEM OR OTHER SUPPORT SYSTEM AS DETAILED IN SPECIFICATIONS. NO CABLING SHALL BE ROUTED AND TIED DIRECTLY TO BUILDING STEEL, CEILING GRID SUPPORT, CONDUIT, PIPING, OR DUCTWORK. THE CABLE SUPPORT SYSTEM SHALL BE DIRECTLY CONNECTED TO THE BUILDING'S STEEL JOIST. AT LOCATIONS WHERE THE BOTTOM OF THE JOIST IS MORE THAN 5' ABOVE THE CEILING, THE SYSTEM INSTALLER SHALL PROVIDE AND INSTALL THREADED ROD AND ALL REQUIRED MATERIALS TO CONNECT THE THREADED ROD TO THE BUILDING STEEL AND THE CABLE SUPPORT SYSTEM TO THE THREADED ROD. CABLE PATHWAY SHALL NOT BE HIGHER THAN 5' ABOVE THE CEILING AT ANY LOCATIONS.
9. ALL EXTERIOR AND WALL MOUNTED SPEAKERS SHALL BE MOUNTED AT 10'-0" UNLESS OTHERWISE NOTED.
10. EXTERIOR SPEAKERS SHALL BE ON A SEPARATE LOW VOLTAGE CIRCUIT FROM INTERIOR SPEAKERS.
11. A/V CONTRACTOR SHALL COORDINATE ALL MOUNTING LOCATIONS OF ALL A/V DEVICES TO PROVIDE EVEN AND BALANCED AUDIO COVERAGE OF INTENDED LISTENING AREAS AND UNOBSTRUCTED, SQUARE AND PLUMB VIDEO IMAGE DISPLAYS.
12. ALL LAY-IN CEILING MOUNTED SPEAKERS AND DEVICES SHALL BE INSTALLED UTILIZING A TILE BRIDGE SUPPORT SYSTEM. AT NO POINT SHOULD THE WEIGHT OF A CEILING MOUNTED DEVICE BE SUPPORTED BY A CEILING TILE ALONE.
13. A/V CONTRACTOR TO COORDINATE WITH ELECTRICAL CONTRACTOR FOR ALL CONDUIT AND BACK BOX REQUIREMENTS.
14. A/V CONTRACTOR TO COORDINATE WITH ALL OTHER TRADES WITH REGARD TO BLOCKING AND PROPER SUPPORT OF ALL A/V DEVICES.
15. PROVIDE MOUNTING SUPPORT FROM GRID OR BUILDING STRUCTURE FOR ALL DEVICES INSTALLED IN LAY-IN CEILING TILE.

BDA/DAS SYSTEMS LEGEND

GROUP	SYMBOL	DESCRIPTION
DEVICES	BDA	BI-DIRECTIONAL AMPLIFIER (BDA) SIGNAL BOOSTER. CONTRACTOR SHALL CONNECT THE BDA SYSTEM TO THE FIRE ALARM SYSTEM FOR MONITORING PURPOSES. PROVIDE (2) DEDICATED CIRCUITS ON EMERGENCY POWER.
	BAA	BDA ANNUNCIATOR PANEL. PROVIDE FLUSH MOUNT SINGLE GANG BOX AT 48" A.F.F. WITH A 1" CONDUIT STUBBED OUT ABOVE NEAREST ACCESSIBLE CEILING.

NOTE:
1. EVERY SYMBOL SHOWN ON LEGEND MAY NOT APPEAR ON THE DRAWINGS. REFER TO THE SPECIFICATIONS AND THE TECHNOLOGY SYSTEMS GENERAL NOTES FOR INSTALLATION REQUIREMENTS.

SECURITY SYSTEMS LEGEND

GROUP	SYMBOL	DESCRIPTION
DEVICES		INTERIOR VIDEO SURVEILLANCE CAMERA. PROVIDE ALL REQUISITE MOUNTING HARDWARE. PROVIDE CEILING TILE BRIDGE FOR ALL CAMERAS INSTALLED IN LAY-IN CEILNG TILE. WALL MOUNTED CAMERAS INSTALLED AT 12' A.F.F. UNLESS OTHERWISE NOTED. PROVIDE SINGLE GANG BACK BOX WITH (1) 3/4" CONDUIT STUBBED OUT ABOVE NEAREST ACCESSIBLE CEILING WITH PULL STRING FOR WALL MOUNTED CAMERAS.
		EXTERIOR WALL MOUNTED CAMERA VIDEO SURVEILLANCE CAMERA INSTALLED AT 12' A.F.F. UNLESS OTHERWISE NOTED. PROVIDE ALL REQUISITE MOUNTING HARDWARE. PROVIDE SINGLE GANG BACK BOX WITH (1) 3/4" CONDUIT STUBBED OUT ABOVE NEAREST ACCESSIBLE CEILING WITH PULL STRING.
		WALL MOUNTED MOTION DETECTOR INSTALLED AT 12' A.F.F. UNLESS OTHERWISE NOTED. PROVIDE SINGLE GANG BACK BOX WITH (1) 3/4" CONDUIT STUBBED OUT ABOVE NEAREST ACCESSIBLE CEILING WITH PULL STRING.
		360 DEGREE CEILING MOUNTED MOTION DETECTOR.
	KP	INTRUSION DETECTION SYSTEM ARM/DISARM KEYPAD WITH LOCKING VANDAL RESISTANT COVER.
	PB	PANIC BUTTON TO BE TIED TO EMERGENCY GENERATOR.
	CR	ACCESS CONTROL PROXIMITY CARD READER. MOUNT AT 42" A.F.F. PROVIDE ALTRONIX LPD FOR EACH CARD READER.
	DR	DOOR RELEASE BUTTON (TO BE CONNECTED TO DOOR INDICATED).
	DC	DOOR CONTACT. PROVIDE SURFACE MOUNT CONTACT ON ROLL-UP DOORS. PROVIDE DOOR CONTACT ON ALL ROOF HATCHES.
	ACS	ACCESS CONTROL SYSTEM PANEL MOUNTED ON WALL. ELECTRICAL CONTRACTOR TO PROVIDE 120V POWER TO THE PANEL. PROVIDE (2) NETWORK CABLES TO THE PANEL. COORDINATE WITH TECHNOLOGY DEPARTMENT ON ACQUIRING THE PROPER IP ADDRESSES.

NOTE:
1. EVERY SYMBOL SHOWN ON LEGEND MAY NOT APPEAR ON DRAWINGS. REFER TO GENERAL ELECTRICAL NOTES FOR WALL-MOUNTED DEVICE MOUNTING HEIGHTS.
2. REFERENCE SPECIFICATIONS FOR MATERIALS AND METHODS.
3. COMPLETE INSTALLATION OF ALL PRODUCTS SHALL BE IN COMPLIANCE WITH ALL CODES, INDUSTRY STANDARDS, COMMON PRACTICES AND MANUFACTURER'S INSTRUCTIONS.

TECHNOLOGY PLAN GENERAL NOTES

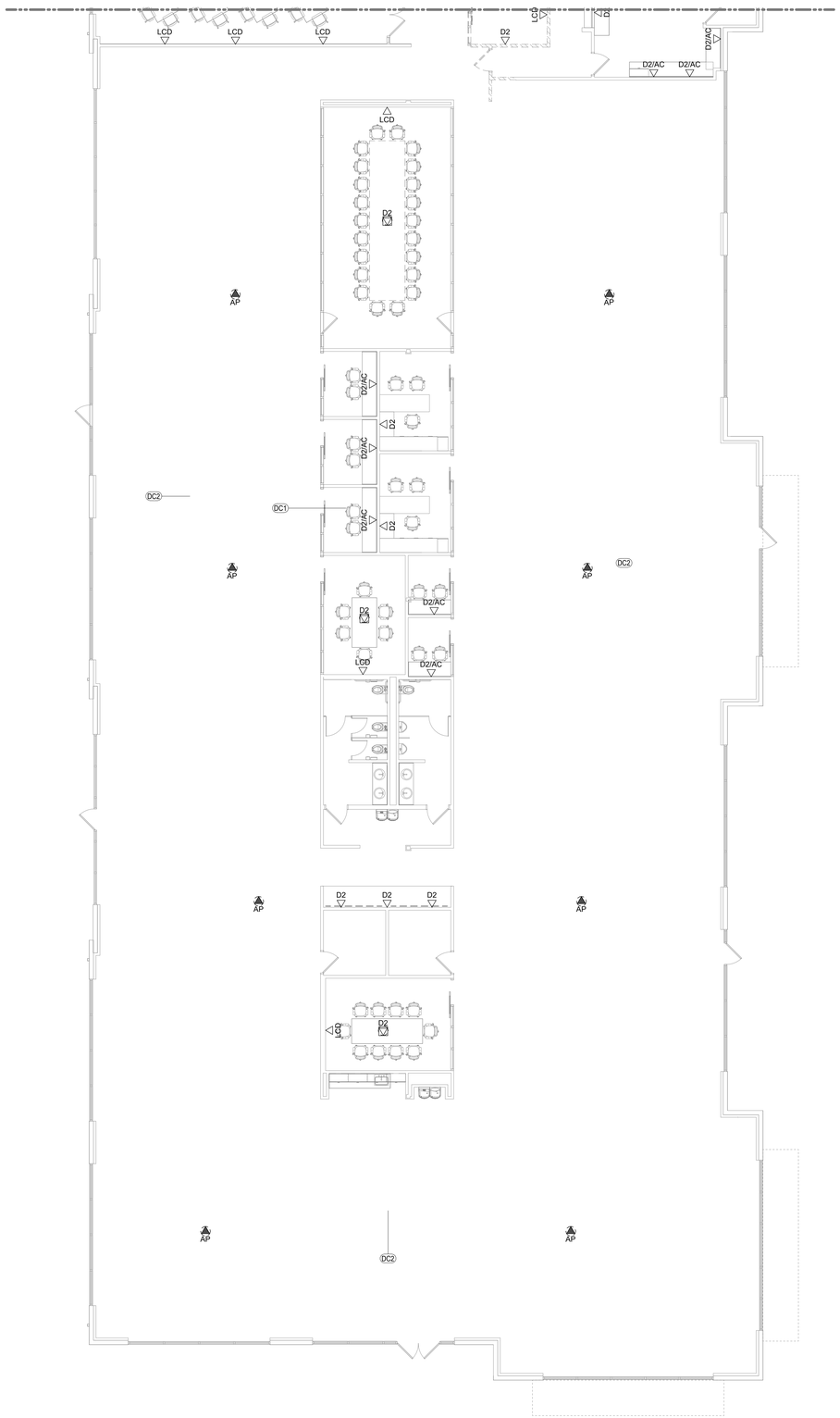
1. ALL 120V POWER REQUIRED FOR THE FUNCTIONALITY OF THE TELECOMMUNICATION, NETWORK, AUDIO/VIDEO, SECURITY AND FIRE ALARM EQUIPMENT SHALL BE A DEDICATED CIRCUIT AND ON EMERGENCY POWER WHERE POSSIBLE. CONTRACTOR SHALL COORDINATE AND INSTALL ALL 120V POWER REQUIREMENTS AND LOCATIONS AS REQUIRED FOR ALL EQUIPMENT (TYPICAL).
2. CONTRACTOR SHALL COORDINATE WITH THE TECHNOLOGY CONSULTANT PRIOR TO THE INSTALLATION OF RACKS AND RACK EQUIPMENT. NO RACKS SHALL BE PERMANENTLY INSTALLED WITHOUT WRITTEN APPROVAL OF THE TECHNOLOGY CONSULTANT.
3. THE PROJECT'S ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONDUITS, PULL STRINGS, BACK BOXES AND SLEEVES REQUIRED FOR DEVICES AND PATHWAYS SHOWN ON THE FLOOR PLANS AND DETAIL SHEETS. ANY ADDITIONAL CONDUITS, SLEEVES, AND RACEWAY REQUIREMENTS FOR EACH SYSTEM SHALL BE THE RESPONSIBILITY OF EACH SYSTEM INSTALLER.
4. THE SELECTED, INSTALLING CONTRACTOR MUST BE A CERTIFIED INTEGRATOR/INSTALLER AUTHORIZED BY THE SPECIFIED SYSTEM MANUFACTURER TO INSTALL THE CABLE PLANT AND CONNECTIVITY PRODUCTS. REFER TO SPECIFICATIONS FOR PRODUCT TYPE AND DESCRIPTION.
5. SYSTEM WIRING AND EQUIPMENT INSTALLATION SHALL BE IN ACCORDANCE WITH ENGINEERING BEST PRACTICES AS ESTABLISHED BY ANSI/EIA/TIA, BICSI, AND THE NEC.
6. ALL WIRING SHALL MEET ALL STATE AND LOCAL ELECTRICAL CODES.
7. ALL TELECOMMUNICATIONS SYSTEMS EQUIPMENT AND MOUNTING LOCATIONS SHALL BE IN COMPLIANCE WITH ADA & TAS ACCESSIBILITY STANDARDS.
8. ALL DATA CABLES ARE TO BE INSTALLED WITH A MINIMUM OF 12 INCHES OF SEPARATION FROM AC POWER CABLES AND ALL OTHER LOW VOLTAGE CABLING IN ANY PARALLEL OPEN WIRE RUN.
9. ALWAYS CROSS OTHER SYSTEM CABLES AT A 90 DEGREE ANGLE.
10. ALL CABLES AND TERMINATION COMPONENTS SHALL BE MACHINE LABELED AT BOTH ENDS. LABEL ALL CABLES PER THE TECHNOLOGY DRAWINGS AND/OR SPECIFICATIONS. FINAL CABLE/OUTLET IDENTIFICATION LABELS SHALL BE COORDINATED WITH THE OWNER AND CONSULTANT.
11. CONTRACTOR TO PROVIDE LIGHTNING PROTECTION ON ALL COMMUNICATION CABLE BETWEEN BUILDINGS AND EXTERIOR MOUNTED DEVICES.
12. ALL EXPOSED CABLING ROUTED IN PLENUM SHALL BE PLENUM-RATED. ALL NON PLENUM-RATED CABLING INSTALLED IN PLENUM SPACES SHALL BE INSTALLED IN CONDUIT.
13. NO TERMINATION OR SPLICES SHALL BE INSTALLED IN OR ABOVE CEILINGS UNLESS NOTED OTHERWISE.
14. ALL DATA DROPS TO HAVE A 20' SERVICE LOOP IN THE CLOSEST ACCESSIBLE CEILING.
15. CONTRACTOR SHALL MAINTAIN WALL RATING WITH PROPER FIRE BLOCKING METHODS.
16. CONTRACTOR SHALL ROUTE ALL LOW VOLTAGE CABLING DOWN CORRIDORS AND PERPENDICULAR OR PARALLEL TO BUILDING WALLS. ENTER INTO ALL ROOMS FROM THE CORRIDOR ABOVE THE MAIN DOORWAY.
17. THE SYSTEM INSTALLER SHALL PROPERLY SUPPORT ALL INSTALLED SYSTEM CABLING FROM A PANDUIT J-MOD CABLE SUPPORT SYSTEM OR OTHER SUPPORT SYSTEM AS DETAILED IN SPECIFICATIONS. NO CABLING SHALL BE ROUTED AND TIED DIRECTLY TO BUILDING STEEL, CEILING GRID SUPPORT, CONDUIT, PIPING, OR DUCTWORK. CABLING SUPPORT SYSTEM SHALL BE DIRECTLY CONNECTED TO THE BUILDING'S STEEL JOIST IN LOCATIONS WHERE THE BOTTOM OF THE JOIST IS MORE THAN 5' ABOVE THE CEILING, THE SYSTEM INSTALLER SHALL PROVIDE AND INSTALL THREADED ROD AND ALL REQUIRED MATERIALS TO CONNECT THE THREADED ROD TO THE BUILDING STEEL AND THE CABLE SUPPORT SYSTEM TO THE THREADED ROD. CABLE PATHWAY SHALL NOT BE HIGHER THAN 5' ABOVE THE CEILING IN ANY LOCATION.
18. CONTRACTOR SHALL PROVIDE TWO (2) DATA CABLES ROUTED TO THE FIRE ALARM CONTROL PANEL. CONTRACTOR TO COORDINATE WITH THE SYSTEM INSTALLER FOR EXACT LOCATIONS AND TERMINATION INSTRUCTIONS PRIOR TO INSTALLATION.
19. ALL EXPOSED CABLING OR CABLING ROUTING ACROSS NON-ACCESSIBLE CEILINGS SHALL BE INSTALLED IN CONDUIT. CONDUIT SHALL BE PROPERLY SIZED TO MAINTAIN THE 40% FILL RATIO.
20. ALL CONDUIT STUB OUTS AND SLEEVES SHALL HAVE PROTECTIVE BUSHINGS TO PREVENT CABLE DAMAGE. BUSHING TO BE INSTALLED PRIOR TO CABLE INSTALLATION. CUTTING BUSHING AND INSTALLING AFTER CABLE IS INSTALLED WILL NOT BE ACCEPTED. CONTRACTOR TO MAINTAIN A 40% MAXIMUM FILL RATION ON ALL SLEEVES INSTALLED.
21. CONTRACTOR SHALL PROVIDE TWO (2) DATA CABLES TO THE ACCESS CONTROL HEAD-END. CONTRACTOR TO COORDINATE WITH THE SYSTEM INSTALLER FOR EXACT LOCATIONS AND TERMINATION INSTRUCTIONS PRIOR TO INSTALLATION.
22. CONTRACTOR TO PROVIDE TWO (2) DATA CABLES TO THE BUILDING AUTOMATION SYSTEM AT EACH BAS HEAD-END LOCATION. CONTRACTOR TO COORDINATE WITH THE SYSTEM INSTALLER FOR EXACT LOCATIONS AND TERMINATION INSTRUCTIONS PRIOR TO INSTALLATION.
23. CONTRACTOR TO PROVIDE TWO (2) DATA CABLES TO THE AREA OF REFUGE SYSTEM. CONTRACTOR TO COORDINATE WITH THE SYSTEM INSTALLER FOR EXACT LOCATIONS AND TERMINATION INSTRUCTIONS PRIOR TO INSTALLATION.
24. CONTRACTOR SHALL PROVIDE (1) DATA CABLE FOR EACH IP CAMERA AND IP SPEAKER ROUTED TO NEAREST IDF. COORDINATE WITH OTHER TRADES.
25. CONTRACTOR SHALL PROVIDE (1) DATA CABLE TO THE INTRUSION DETECTION SYSTEM HEAD-END
26. THE DATA CABLING CONTRACTOR SHALL PROVIDE DATA DROPS FOR THE BUILDING AUTOMATION SYSTEM (BAS) CONTRACTOR TO CONNECT TO MAIN AND REMOTE BAS CONTROL PANELS. THE CABLING CONTRACTOR SHALL COORDINATE WITH THE BAS CONTRACTOR DURING EARLY CONSTRUCTION TO DETERMINE DATA CABLE LOCATIONS AND COORDINATE WITH ELECTRICAL FOR REQUIRED INFRASTRUCTURE & PATHWAYS. EACH DROP SHALL INCLUDE ALL CABLING, TERMINATIONS, SUPPORTS, PATCH PANELS, PATCH CABLES, AND COMPONENTS REQUIRED FOR A FULLY FUNCTIONAL SYSTEM.

SECURITY GENERAL NOTES

1. ALL 120V POWER REQUIRED FOR THE FUNCTIONALITY OF THE ACCESS CONTROL, BURGLAR ALARM, AND SECURITY CAMERA SYSTEMS SHALL BE A DEDICATED CIRCUIT AND ON EMERGENCY POWER WHEN AVAILABLE. SECURITY CONTRACTOR SHALL COORDINATE ALL 120V POWER REQUIREMENTS AND LOCATIONS WITH ELECTRICAL CONTRACTOR FOR ALL EQUIPMENT AND REMOTE POWER SUPPLIES (TYPICAL)
2. A DOOR CONTACT POSITION SENSOR IS REQUIRED AT ALL ROOF HATCHES (TYPICAL).
3. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL NECESSARY CONDUIT, SLEEVES, AND PROTECTIVE BUSHINGS REQUIRED TO INSTALL COMPLETE SECURITY SYSTEM. PROVIDE ALL CONDUITS REQUIRED AT EXTERIOR DOORS ANNOTATED WITH DOOR CONTACTS OR CARD READERS TO ALLOW FOR INSTALLATION OF DOOR CONTACT POSITION SENSORS AND CARD READERS.
4. SECURITY CONTRACTOR IS RESPONSIBLE FOR CONNECTING SYSTEM TO DISTRICT'S REMOTE MONITORING SERVICE.
5. ALL EXPOSED SECURITY SYSTEMS WIRING OR WIRING ROUTING ACROSS NON ACCESSIBLE CEILINGS SHALL BE ROUTED IN CONDUIT. SIZE CONDUIT AS REQUIRED TO ROUTE SYSTEMS WITH 40% CABLE FILL RATIO. MINIMUM CONDUIT SIZE SHALL BE 3/4"
6. ENSURE ALL EXTERIOR WALL PENETRATIONS ARE PROPERLY SEALED TO PREVENT ELEMENTS FROM ENTERING BUILDING.
7. NO CONDUITS OR SEAL-TITE SHALL BE INSTALLED ON THE EXTERIOR OF THE BUILDING.
8. ALL LOW VOLTAGE CABLING SHALL BE INDIVIDUALLY ROUTED TO HEAD END POINT AND SUPPORTED IN PROPER CABLE SUPPORT SYSTEM FOR ENTIRE LENGTH OF RUN.
9. ALL EXTERIOR CAMERAS SHALL BE MOUNTED 12' ABOVE

0"
1"

LEVEL 1 - AREA A DEMOLITION - TECHNOLOGY
TD-101A
FOR BLUEBEAM LABELING/DOOR:



DEMOLITION GENERAL NOTES

1. ALL DEMOLISHED ITEMS ARE PROPERTY OF THE OWNER AND THE OWNER SHALL HAVE FIRST CHOICE OF SALVAGE RIGHTS.
2. SHOULD KEYED NOTES IN AN AREA CONFLICT REGARDING DEVICES BEING REMOVED OR REMAINING, THE NOTE STATING DEVICES SHALL REMAIN SHALL TAKE PRECEDENT.
3. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING LOW VOLTAGE CABLE AND SHALL UTILIZE THE EXISTING CABLE FOR THE NEW DROP LOCATIONS.
4. NOT ALL EXISTING DEVICES ARE SHOWN ON DRAWINGS. DEVICE LOCATIONS ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION.

KEYNOTES

DC1 INDICATES THE LOCATION OF AN EXISTING IDF TO REMAIN.
DC2 CONTRACTOR TO REMOVE & RE-UTILIZE ALL LOW VOLTAGE CABLE FOR NEW DROP LOCATIONS AS MUCH AS POSSIBLE.

1 **LEVEL 1 - AREA A DEMOLITION - TECHNOLOGY**
SCALE: 1/8" = 1'-0"

PBK
www.pbk.com
TX FIRM: BR 1608
SAN ANTONIO, TX
210-829-0123

LEAF ENGINEERS
601 N.W. LOOP 410, SUITE 460
SAN ANTONIO, TX 78216
210-638-7200
TX Firm: F-18672

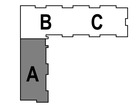
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED
PROFESSIONAL ENGINEER
09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: GG
DRAWN BY: JF

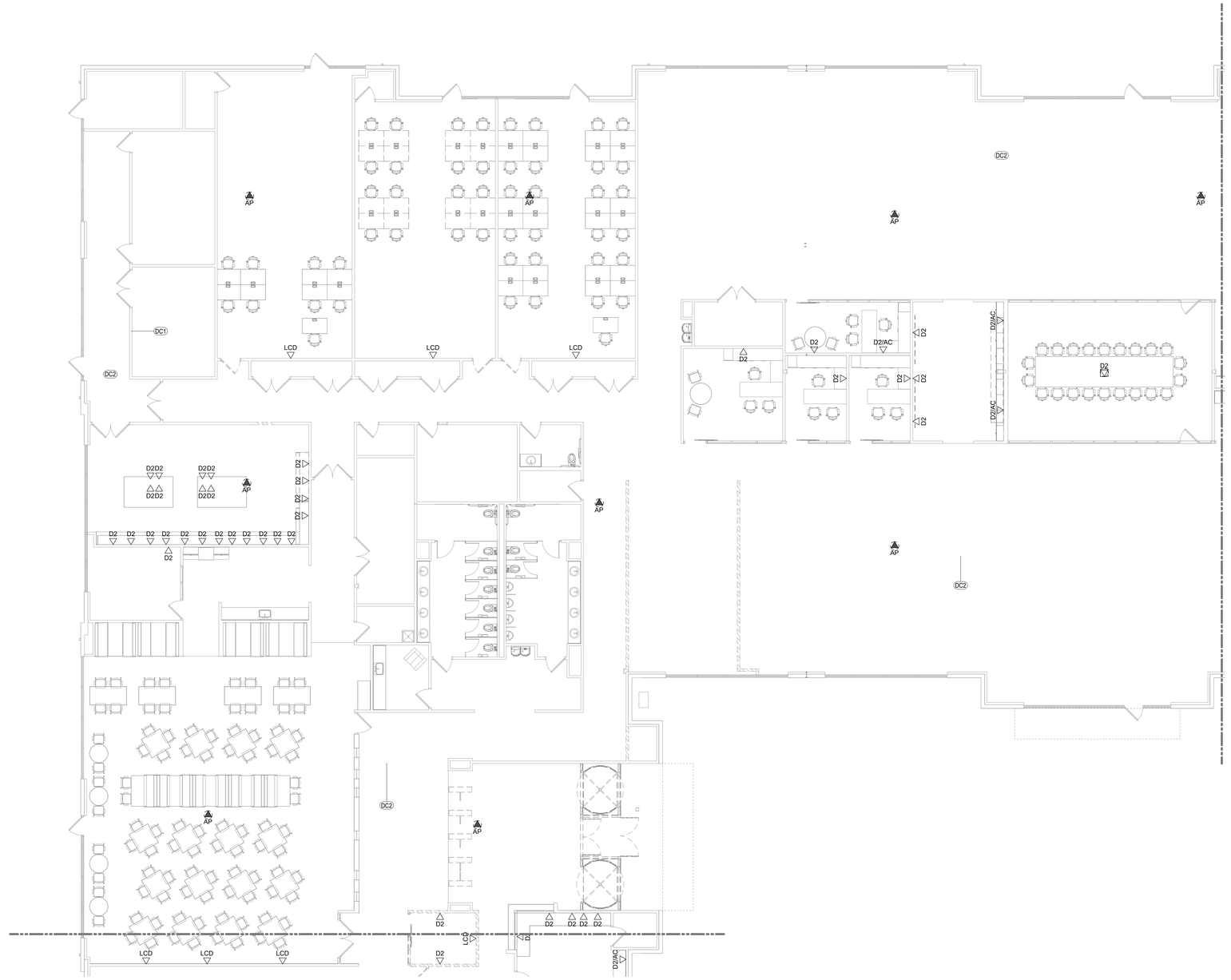
LEVEL 1 - AREA A DEMOLITION - TECHNOLOGY

TD-101A

Plot Stamp:
9/23/2025 4:38:09 PM

0"
1"

LEVEL 1 - AREA B DEMOLITION - TECHNOLOGY
TD-101B
FOR BLUEBEAM LABELING/OCR:



1 LEVEL 1 - AREA B DEMOLITION - TECHNOLOGY
SCALE: 1/8" = 1'-0"

DEMOLITION GENERAL NOTES

1. ALL DEMOLISHED ITEMS ARE PROPERTY OF THE OWNER AND THE OWNER SHALL HAVE FIRST CHOICE OF SALVAGE RIGHTS.
2. SHOULD KEYED NOTES IN AN AREA CONFLICT REGARDING DEVICES BEING REMOVED OR REMAINING, THE NOTE STATING DEVICES SHALL REMAIN SHALL TAKE PRECEDENT.
3. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING LOW VOLTAGE CABLE AND SHALL UTILIZE THE EXISTING CABLE FOR THE NEW DROP LOCATIONS.
4. NOT ALL EXISTING DEVICES ARE SHOWN ON DRAWINGS. DEVICE LOCATIONS ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION.

KEYNOTES

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DC2 CONTRACTOR TO REMOVE & RE-UTILIZE ALL LOW VOLTAGE CABLE FOR NEW DROP LOCATIONS AS MUCH AS POSSIBLE.

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601 N.W. LOOP 410, SUITE 460
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210-638-7200
TX Firm: F-18672

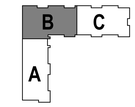
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

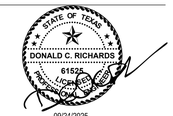
CLIENT PROJECT NO. 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN TRUE



09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: GG
DRAWN BY: JF

LEVEL 1 - AREA B DEMOLITION - TECHNOLOGY

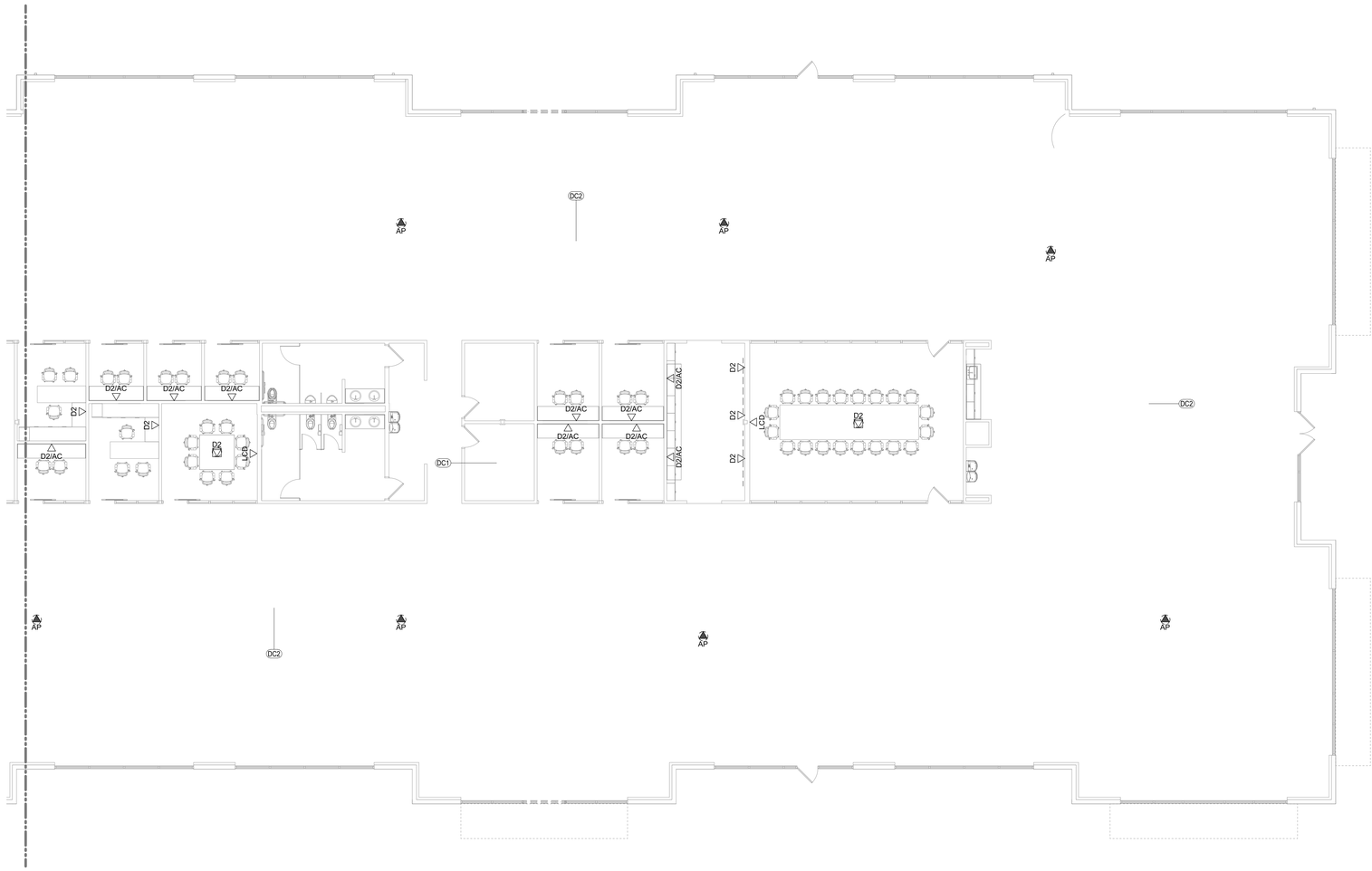
TD-101B

Plot Stamp:
9/23/2025 4:38:11 PM

0"

1"

LEVEL 1 - AREA C DEMOLITION - TECHNOLOGY
TD-101C
FOR BLUEBEAM LABELING/OCR:



DEMOLITION GENERAL NOTES

1. ALL DEMOLISHED ITEMS ARE PROPERTY OF THE OWNER AND THE OWNER SHALL HAVE FIRST CHOICE OF SALVAGE RIGHTS.
2. SHOULD KEYED NOTES IN AN AREA CONFLICT REGARDING DEVICES BEING REMOVED OR REMAINING, THE NOTE STATING DEVICES SHALL REMAIN SHALL TAKE PRECEDENT.
3. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING LOW VOLTAGE CABLE AND SHALL UTILIZE THE EXISTING CABLE FOR THE NEW DROP LOCATIONS.
4. NOT ALL EXISTING DEVICES ARE SHOWN ON DRAWINGS. DEVICE LOCATIONS ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION.

KEYNOTES

DC1 INDICATES THE LOCATION OF AN EXISTING IDF TO REMAIN.
DC2 CONTRACTOR TO REMOVE & RE-UTILIZE ALL LOW VOLTAGE CABLE FOR NEW DROP LOCATIONS AS MUCH AS POSSIBLE.

1 LEVEL 1 - AREA C DEMOLITION - TECHNOLOGY
SCALE: 1/8" = 1'-0"

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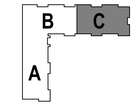
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

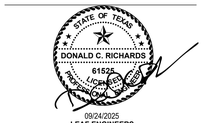
CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN
NORTH: PLAN TRUE



09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: GG
DRAWN BY: JF

LEVEL 1 - AREA C DEMOLITION - TECHNOLOGY

TD-101C

Plot Stamp:
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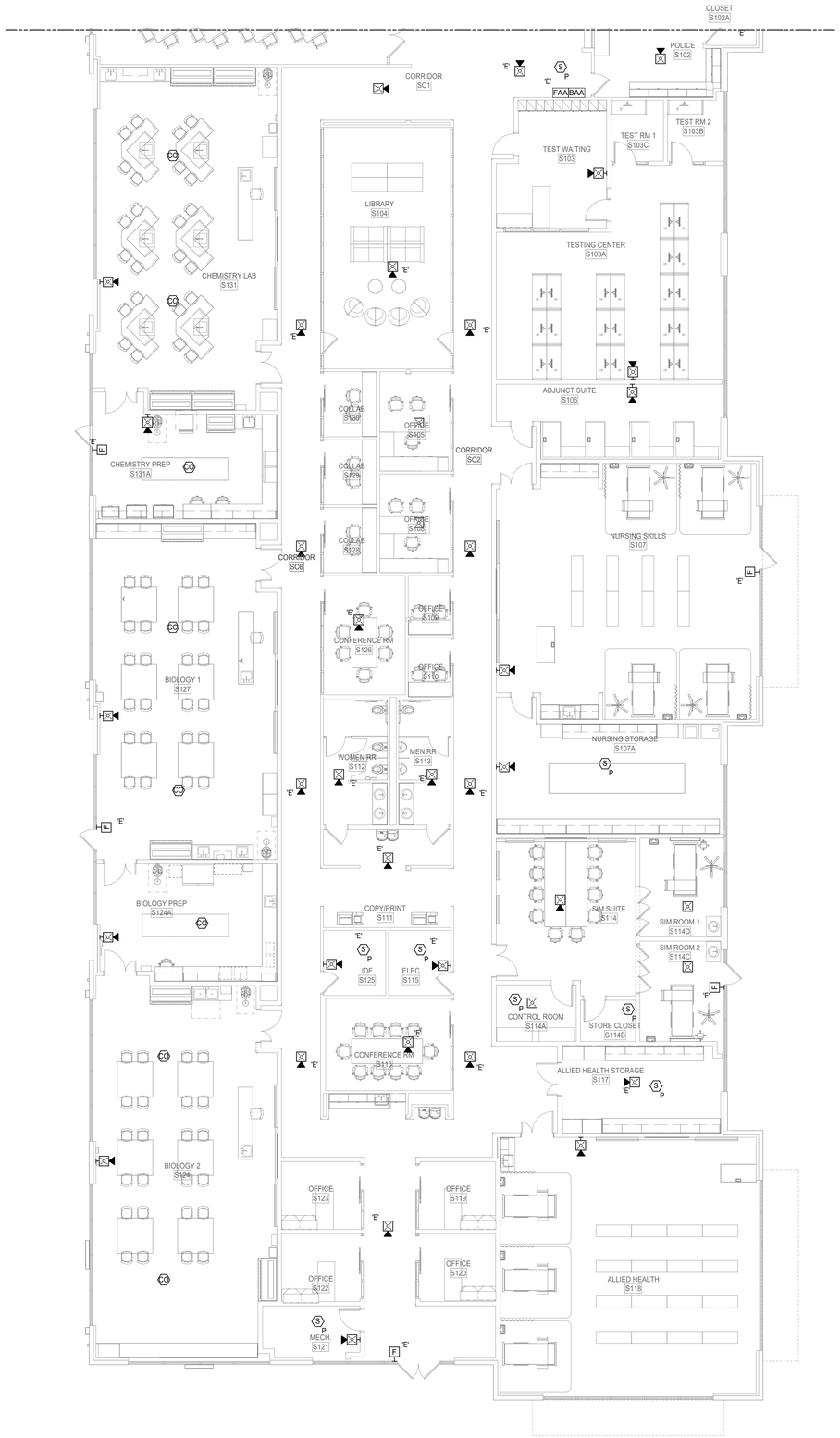
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1"

LEVEL 1 - AREA A - FIRE ALARM

TF-101A

FOR BLUEBEAM LABELING/DOOR:



1 **LEVEL 1 - AREA A - FIRE ALARM**

SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. REFER TO SHEET T-001 FOR DEVICE SYMBOLOGY, NOTES AND PROJECT SCOPE.
2. CONTRACTOR TO REFERENCE SPECIFICATION FOR DETAILS ON MATERIAL AND METHODS.
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13. 'E' INDICATES THE DEVICE IS EXISTING.

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SAN ANTONIO, TX
210-829-0123

LEAF ENGINEERS

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SAN ANTONIO, TX 78216
210-638-7200
TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

20/49 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C
A

KEY PLAN

NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED
PROFESSIONAL ENGINEER

09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: GG

DRAWN BY: JF

LEVEL 1 - AREA A - FIRE ALARM

TF-101A

Plot Stamp:
9/23/2025 4:38:14 PM

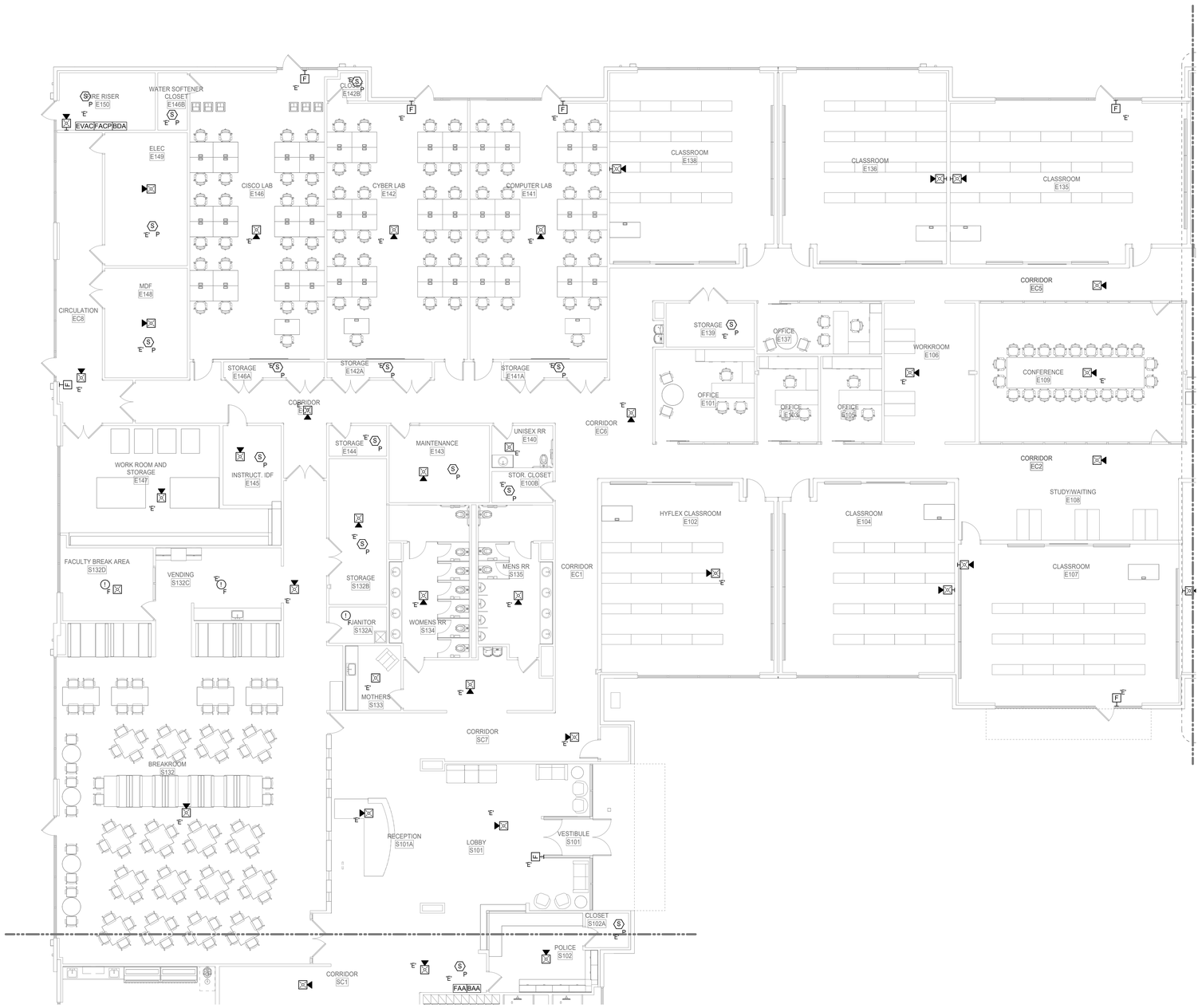
0"

1"

LEVEL 1 - AREA B - FIRE ALARM

TF-101B

FOR BLUEBEAM LABELING/DOOR:



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1 **LEVEL 1 - AREA B - FIRE ALARM**
SCALE: 1/8" = 1'-0"

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TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

KEY PLAN
NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED PROFESSIONAL ENGINEER
09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: GG

DRAWN BY: JF

LEVEL 1 - AREA B - FIRE ALARM

TF-101B

Plot Stamp:
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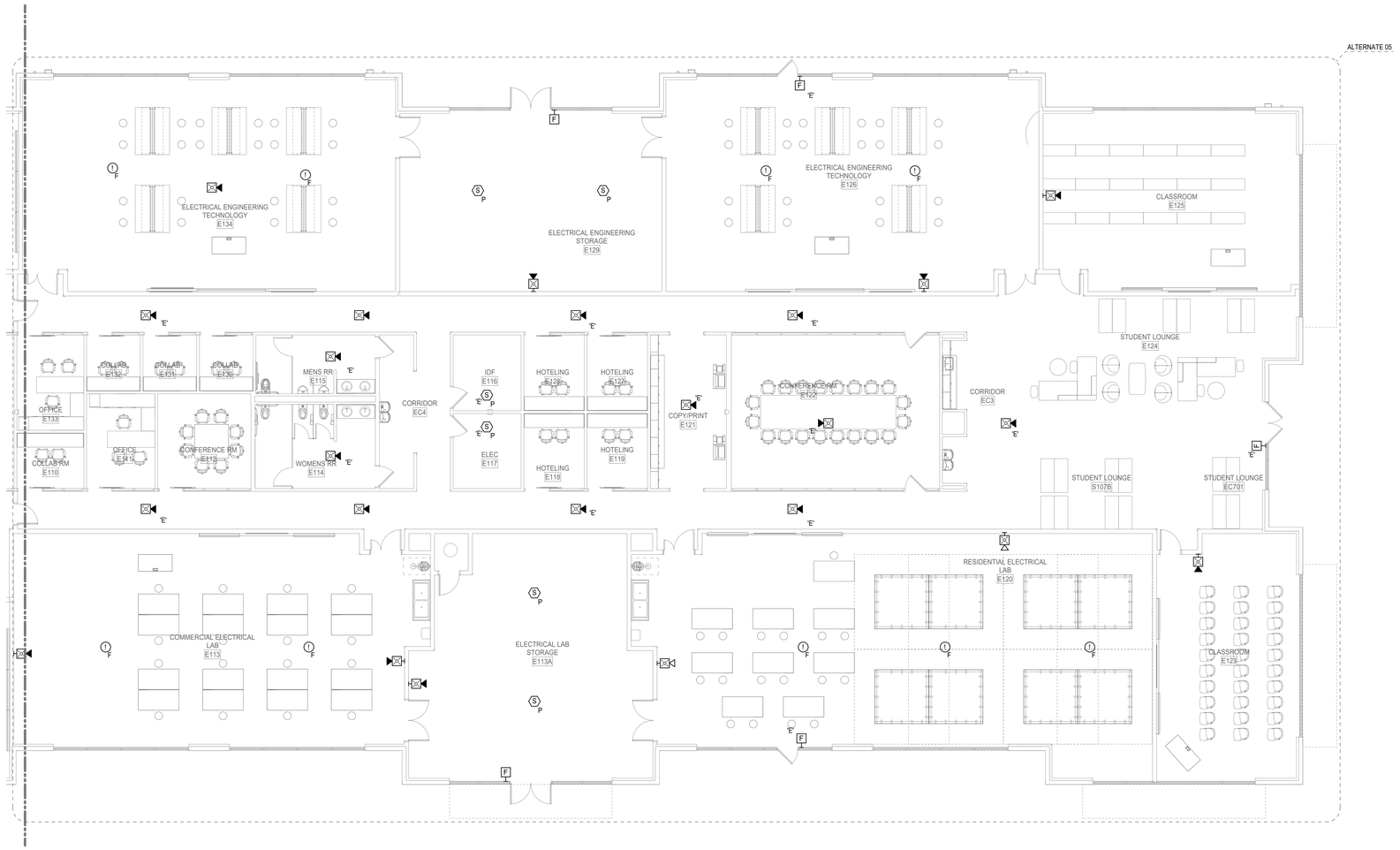
0"

1"

LEVEL 1 - AREA C - FIRE ALARM

TF-101C

FOR BLUEBEAM LABELING/DOCR:



GENERAL NOTES

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ALTERNATE 05 - DEDUCTIVE ALTERNATE, AREA C

BASE BID: AREA C TO BE BUILT OUT AS SHOWN IN DRAWINGS

ALTERNATE: AREA TO BE LEFT AS A SHELL SPACE. REFERENCE "ALTERNATE NOTES" ON THIS SHEET.

ALTERNATE NOTES:

CONTRACTOR TO KEEP EXISTING FIRE ALARM DEVICES TO MAINTAIN THE BUILDING UP TO LOCAL CODES.

1 LEVEL 1 - AREA C - FIRE ALARM
SCALE: 1/8" = 1'-0"

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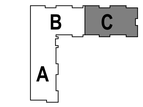
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

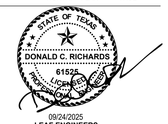
ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN

NORTH: PLAN TRUE



09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: GG

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LEVEL 1 - AREA C - FIRE ALARM

TF-101C

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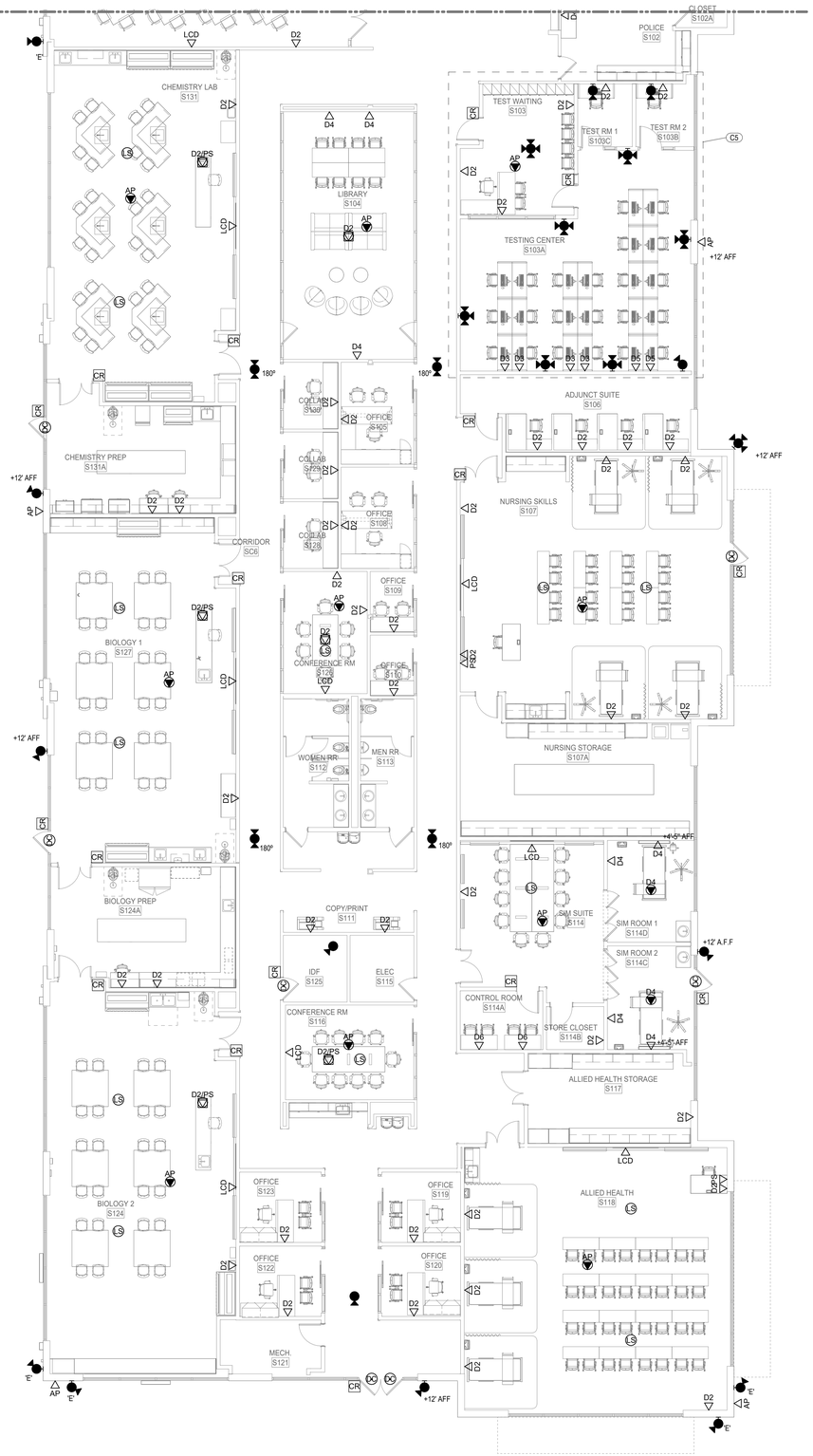
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LEVEL 1 - AREA A - TECHNOLOGY

TN-101A

FOR BLUEBEAM LABELING/DOOR:



1 **LEVEL 1 - AREA A - TECHNOLOGY**
SCALE: 1/8" = 1'-0"

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KEYNOTES

C5 ALL CAMERAS IN THIS SPACE ARE FOR PEARSON TESTING, CONTRACTOR TO COORDINATE WITH ACD FOR SERVER LOCATION.

RESPONSIBILITY MATRIX

SCOPE ITEM	RESPONSIBILITY			NOTES
COMMUNICATIONS - DIVISION 28	OFOI	CFCI	OFCI	
INCOMING SERVICE PROVIDER CONNECTIVITY (CABLING)	X			
CATEGORY 6/6A STRUCTURED CABLING SYSTEM		X		
FIBER OPTICS (CABLING, HOUSING, PATCH CORDS)		X		
VIDEO DISTRIBUTION SYSTEM - SPECIAL SPACE		X		
AUDIO DISTRIBUTION SYSTEM - SPECIAL SPACE		X		
VIDEO DISTRIBUTION SYSTEM - INSTRUCTIONAL SPACE		X		
AUDIO DISTRIBUTION SYSTEM - INSTRUCTIONAL SPACE		X		
SOUND REINFORCEMENT SPEAKERS		X		
AV EQUIPMENT (ENCODERS, DECODERS, PROCESSORS, AMPS, ETC)		X		
WORKSTATION OUTLETS, JACKS, FACEPLATES, LABEL		X		
FLAT PANEL DISPLAYS	X			
FLAT PANEL DISPLAY MOUNTS	X			
INTERACTIVE DISPLAYS	X			
INTERACTIVE DISPLAY MOUNTS	X			
DIGITAL SIGNAGE	X			
NETWORK EQUIPMENT				
MDF / IDF NETWORK EQUIPMENT	X			
VOIP TELEPHONES	X			
WIRELESS ACCESS POINTS	X			
UNINTERRUPTABLE POWER SUPPLIES (UPS)	X			
RACEWAY: CONDUIT, BACK BOXES, SLEEVES, ETC.		X		
ELECTRICAL POWER		X		Div 26
LIFE SAFETY AND SECURITY - DIVISION 28				
ACCESS CONTROL SYSTEM (ACS)		X		GENETEC
INTRUSION DETECTION SYSTEM	X	X		EXISTING - NEW DEVICES BY CONTRACTOR
DOOR ACCESS VIDEO INTERCOM SYSTEM		X		
VMS SERVERS	X			COORDINATE WITH OWNER FOR GENETEC VMS
CAMERAS		X		
PROGRAMMING		X		
VSS CABLING		X		
FIRE ALARM WITH VOICE EVACUATION		X		
RACEWAY: CONDUIT, BACK BOXES, SLEEVES, ETC.		X		
ELECTRICAL POWER		X		Div 26

OFOI - OWNER FURNISHED AND OWNER INSTALLED
CFCI - CONTRACTOR FURNISHED AND CONTRACTOR INSTALLED
OFCI - OWNER FURNISHED AND CONTRACTOR INSTALLED

RESPONSIBILITY MATRIX NOTES:
1. BY DIVISION 26.
2. BY DIVISION 27.
3. BY DIVISION 11.
4. EXPANSION OF EXITING SYSTEM.

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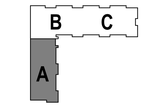
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT



KEY PLAN NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED
PROFESSIONAL ENGINEER

09/24/2025
LEAF ENGINEERS
F-18672

CLIENT
ALAMO COLLEGES DISTRICT

DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

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DRAWN BY: JF

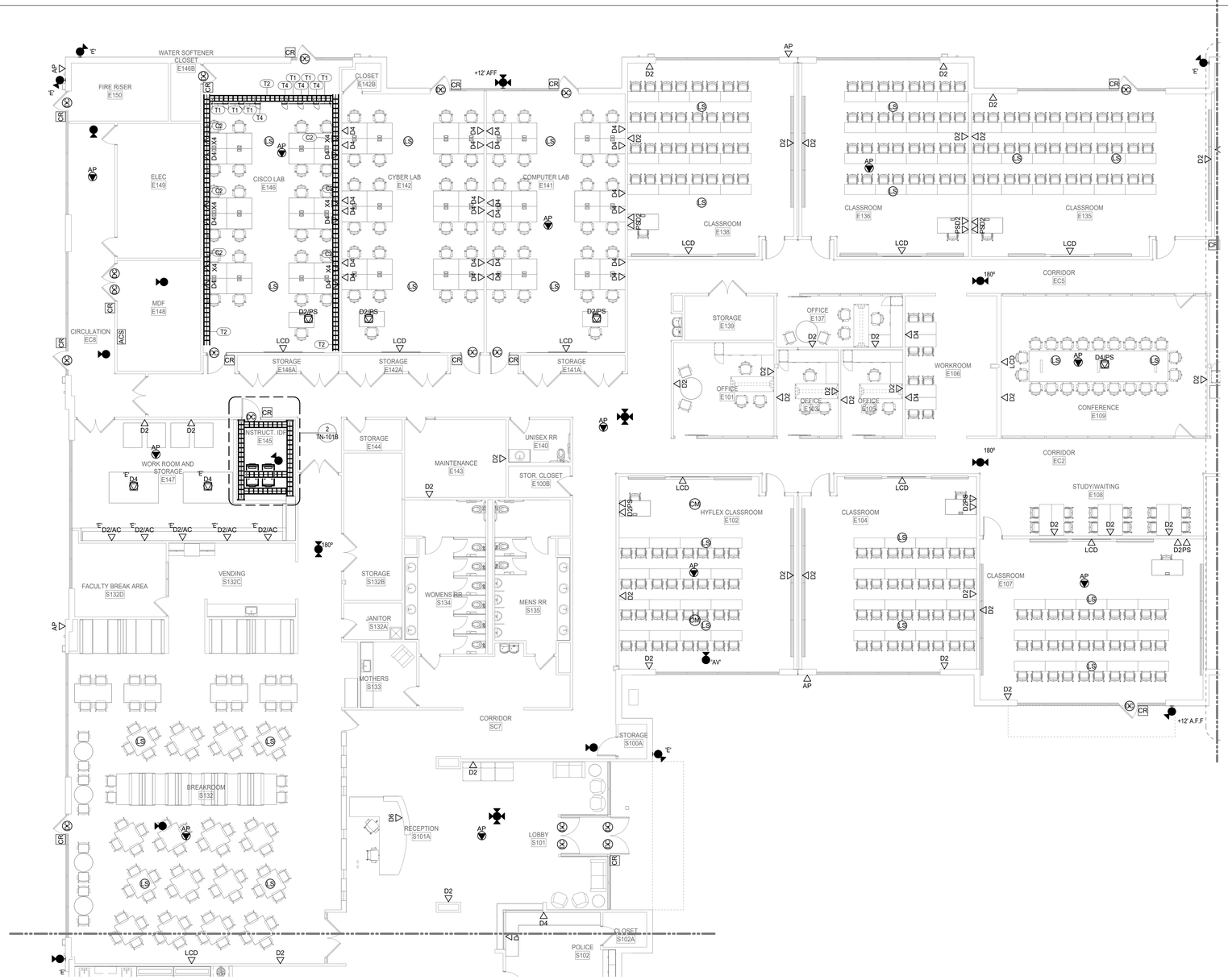
LEVEL 1 - AREA A - TECHNOLOGY

TN-101A

Plot Stamp:
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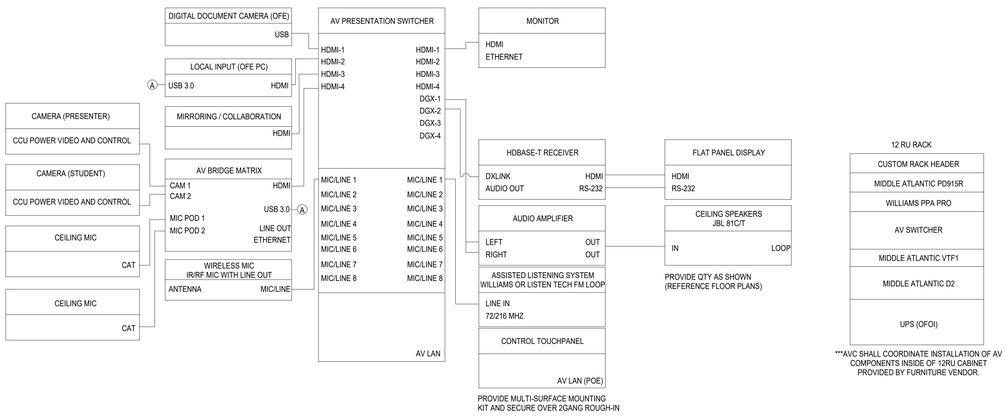
LEVEL 1 - AREA B - TECHNOLOGY
TN-101B

FOR BLUEBEAM LABELING/DOOR:



1 LEVEL 1 - AREA B - TECHNOLOGY

SCALE: 1/8" = 1'-0"



3 CLASSROOM LINE DRAWING (HYFLEX CLASSROOM)

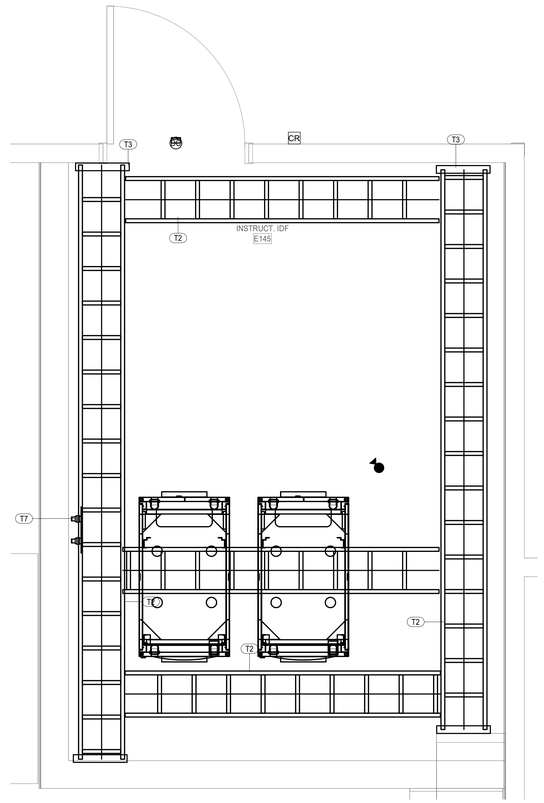
SCALE: 1/2" = 1'-0"

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11. ALL NEW CABLE IN CLASSROOMS E141, E142, E146 IS TO BE ROUTED TO THE NEW INSTRUCTOR IDF E145.
12. EXISTING FIBER FROM THE MDF TO THE IDF's IS EXISTING TO REMAIN.
13. 'E' INDICATES THE DEVICE IS EXISTING.

KEYNOTES

C2	INDICATES THE LOCATION OF A DATA LOCATION USED FOR TRAINING PURPOSES. THIS DATA SHALL BE ROUTED TO NEW TRAINING RACKS LOCATED IN THE CISCO LAB FOR THIS EXERCISE. ALL JACKS TO BE COLORED RED ON THE DATA LABELED AS "XR"
T1	INDICATES THE LOCATION OF A NEW 7' RELAY RACK. ELECTRICAL CONTRACTOR SHALL PROVIDE (2) ISOLATED GROUND 120V 20A CIRCUITS IN QUAD RECEPTACLES MOUNTED TO THE TOP OF THE RACK.
T2	INDICATES THE LOCATION OF A 12' LADDER TRAY TO BE INSTALLED. CONTRACTOR TO PROVISE AND INSTALL LADDER TRAY AND ALL REQUIRED MOUNTING HARDWARE. TYPICAL FOR ALL SHOWN
T3	INDICATES THE LOCATION OF A 12" LADDER TRAY WALL ANGLE SUPPORT BRACKET. CONTRACTOR TO PROVIDE AND INSTALL WALL ANGLE SUPPORT BRACKET AND ALL REQUIRED MOUNTING HARDWARE. TYPICAL FOR ALL SHOWN.
T4	INDICATES THE LOCATION OF A NEW 7', FRONT/BACK VERTICAL CABLE MANAGER. CONTRACTOR TO PROVIDE AND INSTALL CABLE MANAGER AND ALL REQUIRED MOUNTING HARDWARE. TYPICAL FOR ALL SHOWN.
T7	INDICATES THE LOCATION OF A NEW WALL MOUNTED GROUND BUS BAR. CONTRACTOR TO PROVIDE BUS BAR AND ALL REQUIRED MATERIAL TO MOUNT AT THE LOCATION SHOWN, 84" A.F.F.



2 LEVEL 1 - AREA B - IDF E146

SCALE: 3/4" = 1'-0"

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210-638-7200
TX Firm: F-18672

NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

B C A

KEY PLAN

NORTH: PLAN TRUE

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED PROFESSIONAL ENGINEER
09/24/2025
LEAF ENGINEERS
F-18672

CLIENT	
ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

DRAWING HISTORY

No.	Description	Date

CHECKED BY: GG

DRAWN BY: JF

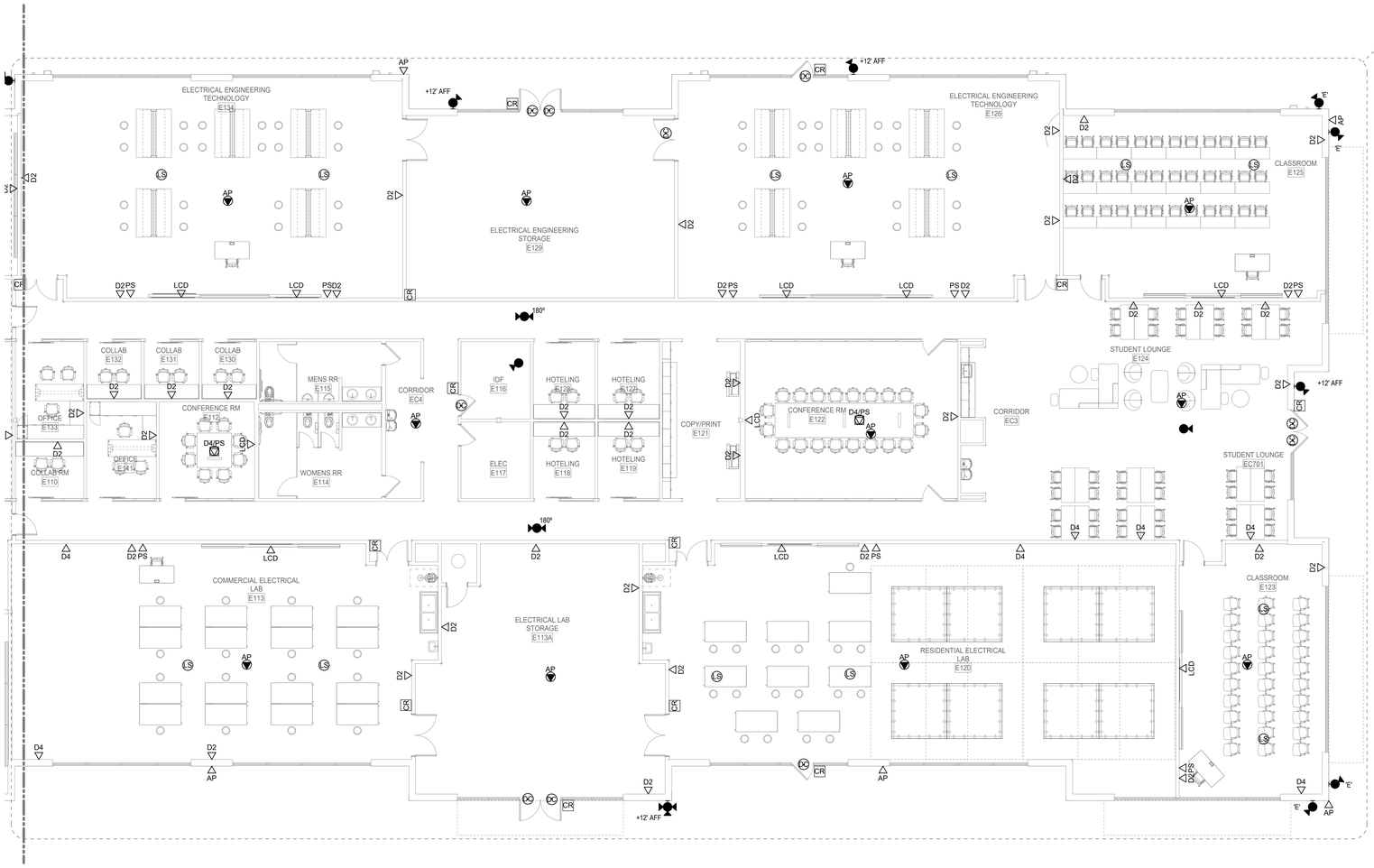
LEVEL 1 - AREA B - TECHNOLOGY

TN-101B

Plot Stamp:
9/23/2025 4:38:30 PM

LEVEL 1 - AREA C - TECHNOLOGY
TN-101C
FOR BLUEBEAM LABELING/DOOR:

0"
1"



GENERAL NOTES

1. REFER TO SHEET T-001 FOR DEVICE SYMBOLOGY, NOTES AND PROJECT SCOPE.
2. CONTRACTOR TO REFERENCE SPECIFICATION FOR DETAILS ON MATERIAL AND METHODS.
3. CONDUIT/RACEWAY/CABLING MOUNTED TO STRUCTURAL MEMBERS IN EXPOSED-TO STRUCTURE SPACES SHALL BE INSTALLED TIGHT TO DECK AND PARALLEL OR PERPENDICULAR TO BUILDING LINES. DO NOT INSTALL CONDUIT/RACEWAY/CABLING PERPENDICULAR TO JOIST NEAR BOTTOM CHORD LEVEL.
4. ALL WIRE INCLUDING LOW VOLTAGE, IN EXPOSED-TO STRUCTURE SPACES MUST BE IN CONDUIT/RACEWAY.
5. ACCESS CONTROL CONTRACTOR SHALL CONNECT DOOR HARDWARE CABLE TO ACCESS CONTROL SYSTEM.
6. PROVIDE DOOR CONTACTS ON ALL ROOF HATCHES. REFERENCE ARCHITECTURAL DRAWINGS FOR LOCATIONS.
7. CAMERA ORIENTATION SHOWN DOES NOT INDICATE ACTUAL FIELD OF VIEW. COORDINATE WITH OWNER AND ADJUST CAMERAS FOR PROPER FIELD OF VIEW.
8. ANY INDIVIDUAL/FIRM THAT WILL BE REMOVING, RELOCATING OR REINSTALLING DIVISION 27 AND 28 DEVICES SHALL BE CERTIFIED BY THE MANUFACTURER OF THE SYSTEM.
9. CONTRACTOR IS RESPONSIBLE IN UTILIZING AS MUCH EXISTING CABLE FOR THE NEW DROPS AS POSSIBLE.
10. NOT ALL EXISTING DEVICES ARE SHOWN ON DRAWINGS. DEVICE LOCATIONS ARE APPROXIMATE. CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION.
11. ALL NEW CABLE IN CLASSROOMS E141, E142, E146 IS TO BE ROUTED TO THE NEW INSTRUCTOR IDF E145.
12. EXISTING FIBER FROM THE MDF TO THE IDF's IS EXISTING TO REMAIN.
13. 'E' INDICATES THE DEVICE IS EXISTING.

ALTERNATE 05 - DEDUCTIVE ALTERNATE, AREA C

BASE BID: AREA C TO BE BUILT OUT AS SHOWN IN DRAWINGS

ALTERNATE: AREA TO BE LEFT AS A SHELL SPACE.

1 LEVEL 1 - AREA C - TECHNOLOGY
SCALE: 1/8" = 1'-0"

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TX Firm: F-18672

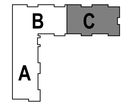
NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

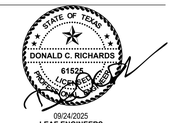
CLIENT PROJECT NO: 250033

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KEY PLAN
NORTH: PLAN TRUE



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ALAMO COLLEGES DISTRICT	
DATE	PROJECT NUMBER
09/24/2025	250033

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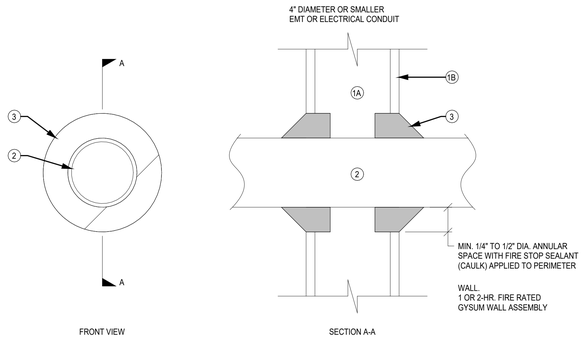
LEVEL 1 - AREA C - TECHNOLOGY

TN-101C

Plot Stamp:
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TECHNOLOGY DETAILS
T-701
FOR BLUEBEAM LABELING/DOOR:

0"
1"

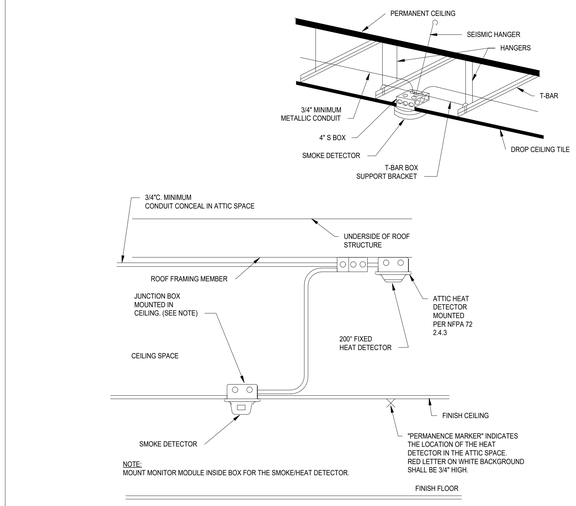


DETAIL NOTES:

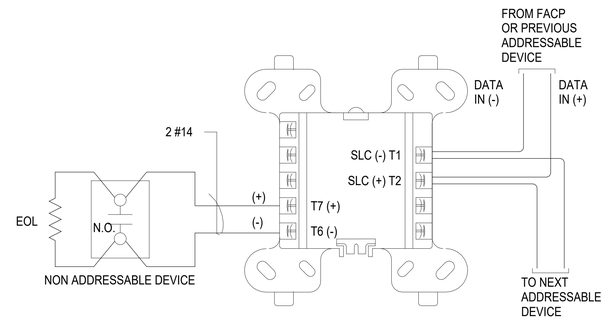
1. WALL CONSTRUCTION:
   A. STEEL STUDS PER ARCHITECTURAL/STRUCTURAL.
   B. 5/8" TYPE x GYPSUM BOARD PER ARCHITECTURAL.
2. CONDUIT SIZE PER DRAWINGS.
3. FIRE STOP SYSTEM - ONE HOUR CAULK. APPLY TO INTERFACE WITH WALL SURFACE.

U.L. SYSTEM NO. W-L-1001

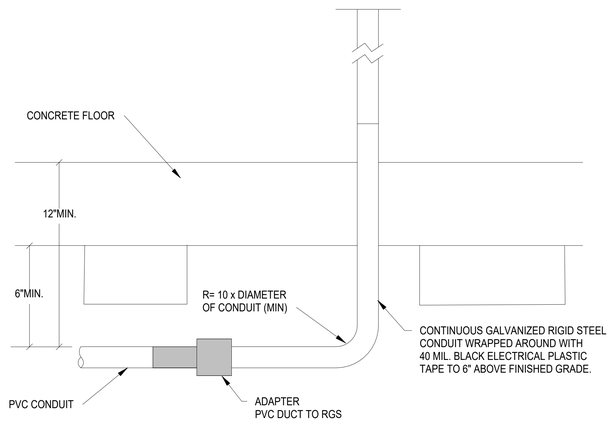
1 CONDUIT PENETRATION AT 1-HR FIRE RATED WALL
NOT TO SCALE



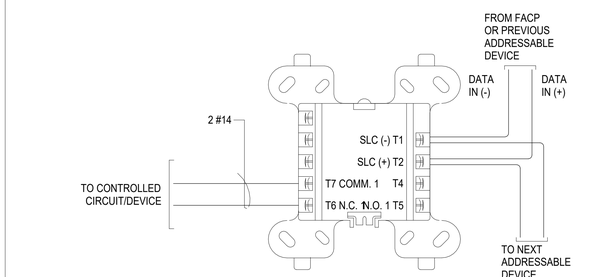
2 DROP CEILING DEVICE INSTALLATION
NOT TO SCALE



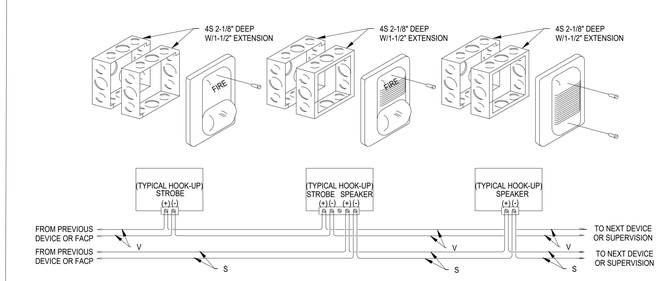
3 MONITOR MODULE DETAILS
NOT TO SCALE



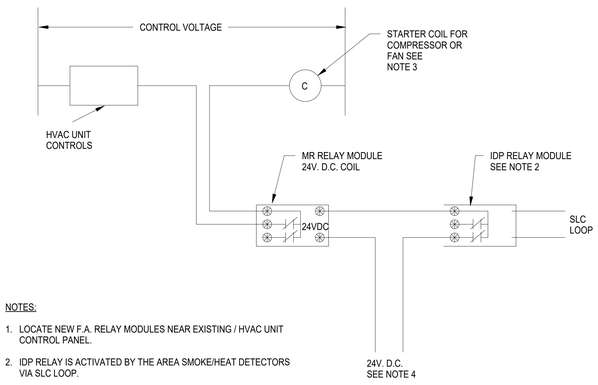
4 CONDUIT RISER
NOT TO SCALE



5 RELAY MODULE DETAIL
NOT TO SCALE



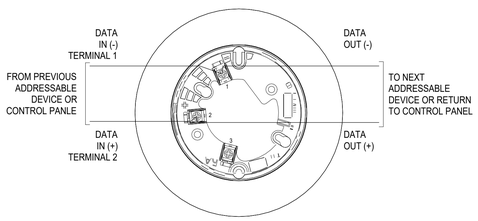
6 TYPICAL HOOK-UP SPEAKER/STROBES
NOT TO SCALE



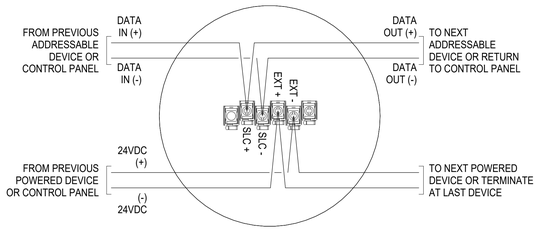
NOTES:

1. LOCATE NEW F.A. RELAY MODULES NEAR EXISTING / HVAC UNIT CONTROL PANEL.
2. IDP RELAY IS ACTIVATED BY THE AREA SMOKE/HEAT DETECTORS VIA SLC LOOP.
3. VERIFY NUMBER OF STARTER COILS AT EACH HVAC UNIT. SOME UNITS REQUIRE 2 OR MORE RELAYS FOR SHUTDOWN OF COMPRESSORS AND FANS.
4. PROVIDE 24V. D.C. SOURCE (LOW VOLTAGE TRANSFORMER) FROM POWER SUPPLY UNIT.
5. A LISTED RELAY TO THE FIRE ALARM SYSTEM SHALL BE LOCATED WITHIN 3 FEET OF THE CONTROLLED CIRCUIT PER 2010 NFPA 6.16.2.2.

7 HVAC UNIT SHUT-DOWN
NOT TO SCALE



8 SMOKE-HEAT DETECTOR DETAIL
NOT TO SCALE



9 SPEAKER-STROBE DETAIL
NOT TO SCALE

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVATION

2049 SUNDANCE PARKWAY
NEW BRAUNFELS, TX 78130

CLIENT PROJECT NO: 250033

ISSUE FOR BID - CONSTRUCTION DOCUMENTS

ALAMO COLLEGES DISTRICT

STATE OF TEXAS
DONALD C. RICHARDS
61525
LICENSED
PROFESSIONAL ENGINEER

09/24/2025
LEAF ENGINEERS
F-18672

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ALAMO COLLEGES DISTRICT	
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09/24/2025	250033

DRAWING HISTORY

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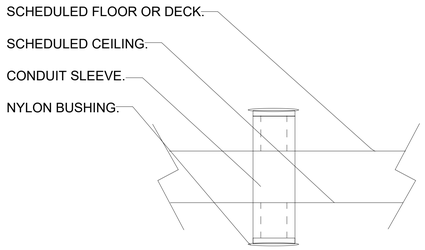
TECHNOLOGY DETAILS

T-701

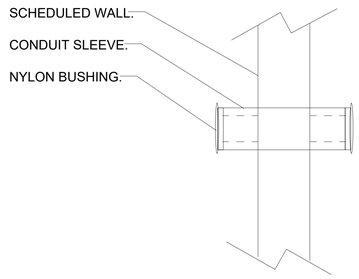
Plot Stamp:
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TECHNOLOGY DETAILS
T-702
FOR BLUEBEAM LABELING/DOCR:

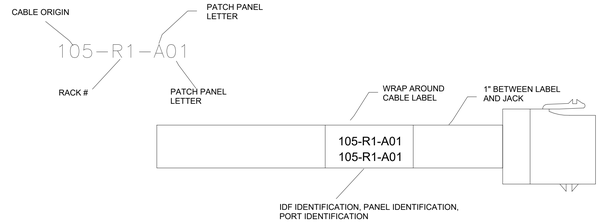
0"
1"



1 TYPICAL CONDUIT SLEEVE THROUGH FLOOR OR DECK — NOT TO SCALE

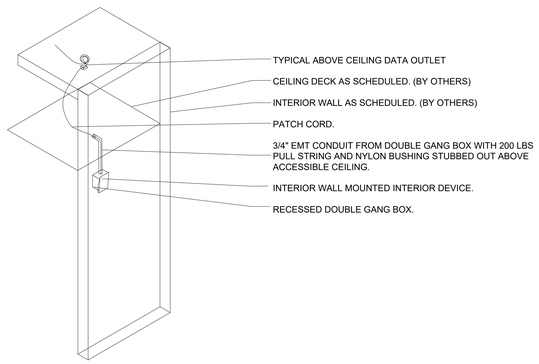


2 TYPICAL CONDUIT SLEEVE THROUGH WALL — NOT TO SCALE

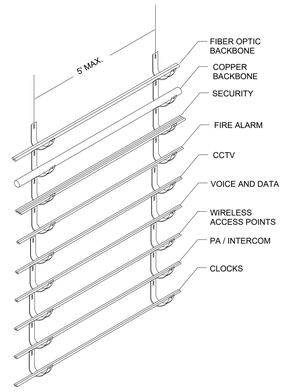


1. WRAP AROUND CABLE LABEL TO BE INSTALLED AT BOTH THE WORK AREA OUTLET AND CLOSET ENDS OF ALL CABLES. INSTALL LABEL 1" FROM THE END OF THE CABLE JACKET AT BOTH ENDS.
2. CABLE LABELING SHALL BE MACHINE GENERATED AND SHALL NOT BE LESS THEN 1/8" IN HEIGHT.

3 CABLE LABEL DETAIL — NOT TO SCALE

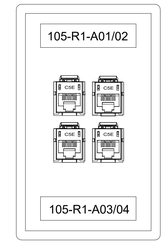


4 TYPICAL INTERIOR WALL MOUNTED DEVICE — NOT TO SCALE



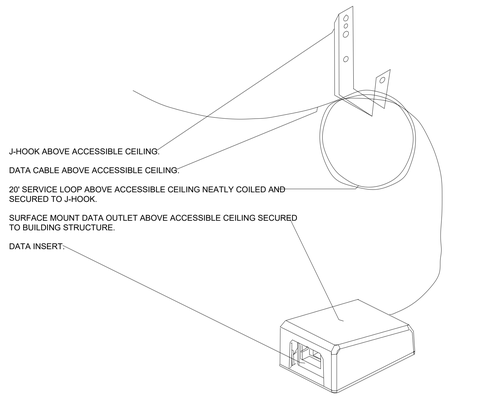
1. NO MORE THAN 50, .25" CABLES PER 2.5" SUPPORT.
2. SUPPORTS SHAL BE INSTALLED AT A MAXIMUM 5' ON CENTER.
3. SUPPORTS SHALL BE A MINIMUM 3" ABOVE SUSPENDED CEILING.
4. SEPERATE SUPPORTS REQUIRED FOR EACH CABLE TYPE AS ILLUSTRATED. EACH SYSTEM CONTRACTOR TO PROVIDE AND INSTALL THE SUPPORTS FOR THEIR OWN SYSTEM.
5. SUPPORTS SHALL ATTACHED TO THE BUILDING STRUCTURE.
6. ALL SUPPORTS SHALL BE INSTALLED AT A SERVICABLE HEIGHT.

5 CABLE SUPPORT DETAIL — NOT TO SCALE

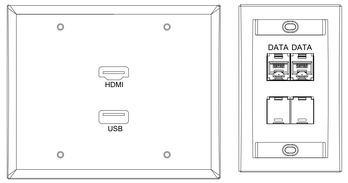


1. FACEPLATE LABELING SHALL BE MACHINE GENERATED AND SHALL NOT BE LESS THEN 1/4" IN HEIGHT.

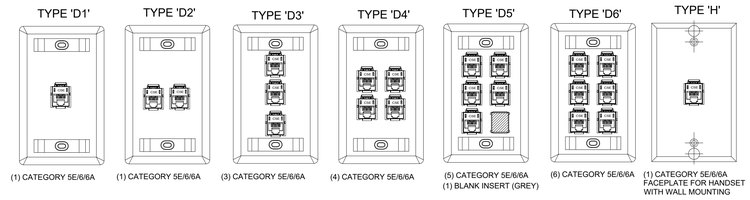
6 TYPICAL TECHNOLOGY OUTLET CONFIGURATION DETAIL — NOT TO SCALE



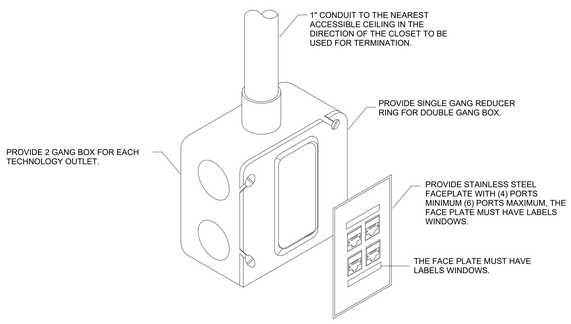
7 TYPICAL ABOVE CEILING DATA OUTLET — NOT TO SCALE



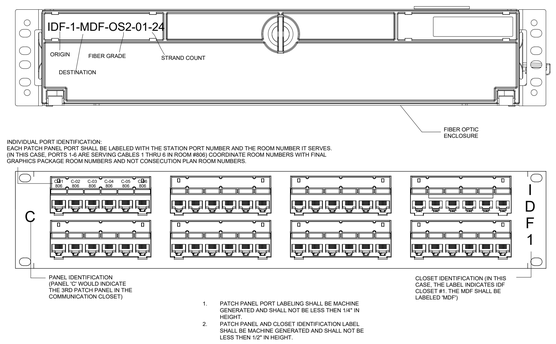
8 TYPICAL PS / D2 OUTELT DETAIL — NOT TO SCALE



9 TYPICAL TECHNOLOGY OUTLET CONFIGURATION DETAIL — NOT TO SCALE



10 TECHNOLOGY OUTLET BOX DETAIL — NOT TO SCALE



1. PATCH PANEL PORT LABELING SHALL BE MACHINE GENERATED AND SHALL NOT BE LESS THEN 1/4" IN HEIGHT.
2. PATCH PANEL AND CLOSET IDENTIFICATION LABEL SHALL BE MACHINE GENERATED AND SHALL NOT BE LESS THEN 1/2" IN HEIGHT.

12 FIBER ENCLOSURE/PATCH PANEL LABELING DETAIL — NOT TO SCALE

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NORTHEAST LAKEVIEW COLLEGE-SUNDANCE RENOVANCE RENOVATION

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TECHNOLOGY DETAILS

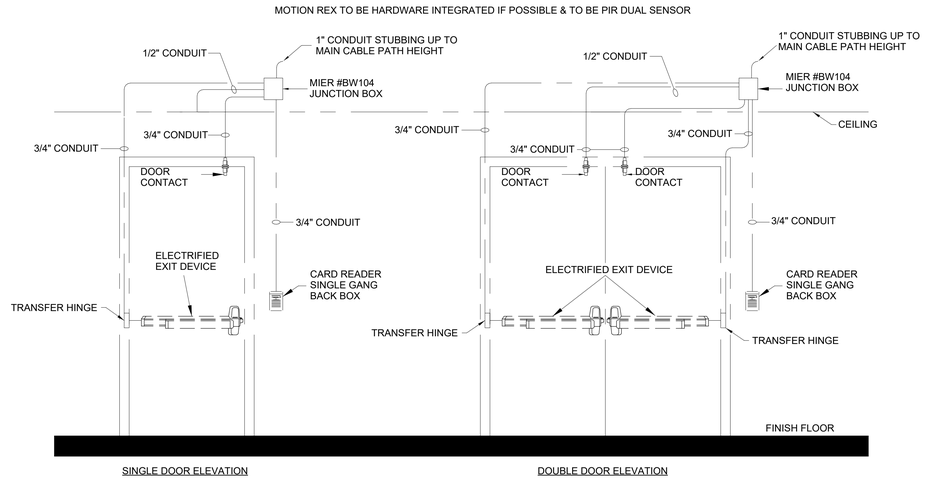
T-702

Plot Stamp:
9/23/2025 4:38:35 PM

0"

1"

TECHNOLOGY DETAILS
T-703
FOR BLUEBEAM LABELING/DOOR:



1 ACCESS CONTROL - ELECTRIFIED EXIT DEVICE DOOR ELEVATION — SCALE: N.T.S.

4 EXTERIOR CORNER MOUNTED DOME CAMERA — N.T.S.

3 INTERIOR SOLID CEILING MOUNTED DOME CAMERA — N.T.S.

2 INTERIOR DROP CEILING MOUNTED DOME CAMERA W/FLEX

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DRAWN BY: JF

TECHNOLOGY DETAILS

T-703