PROCESS TECHNOLOGY BUILDING EXPANSION

for SOWELA TECHNICAL COMMUNITY COLLEGE

LOUISIANA COMMUNITY & TECHNICAL COLLEGE SYSTEM
3500 Senator J. Bennett Johnston Avenue, Lake Charles, Louisiana 70615

SOWELA TECHNICAL COMMUNITY COLLEGE FOUNDATION PROJECT NO: 2026-01

PROJECT SUMMARY

THIS PROJECT CONSISTS OF A NEW 3,870 SQ.FT.ADDITION AND INTERIOR RENOVATIONS TO THE EXISTING SOWELA PROCESS TECHNOLOGY BUILDING, AS DETAILED BELOW:

BASE BID: SITE, DRIVEWAY, AND UTILITY MODIFICATIONS + A NEW 3,870 SQ.FT. ADDITION TO THE EXISTING BUILDING.
ALTERNATE NO.1: CONTROL SIMULATION LAB RENOVATION (623 SQ.FT.)
ALTERNATE NO.2: FACULTY AREA RENOVATIONS (1,195 SQ.FT.)
ALTERNATE NO.3: DUMPSTER DRIVE AND ENCLOSURE

BUILDING AREA CALCULATIONS

EXISTING BUILDING AREA: 12,500 SQ. FT.
NEW ADDITION AREA: 3,870 SQ. FT.
TOTAL COMBINED AREA: 16,370 SQ. FT.

ALLOWABLE SQUARE FOOTAGE PER IBC, 2021, TABLE 506.2, OCCUPANCY CLASSIFICATION: B / NS / TYPE II-B = 23,000 SQ.FT.

CODE REFERENCES

NATIONAL FIRE PROTECTION ASSOCIATION ,NFPA 101, LIFE SAFETY CODE, 2015 EDITION
N.F.P.A. BUILDING OCCUPANCY: GROUP "B" - BUSINESS (HIGHER EDUCATION)
N.F.P.A. CONSTRUCTION TYPE: "II(000)" NON-COMBUSTIBLE / NON-SPRINKLERED / NOT PROTECTED

INTERNATIONAL BUILDING CODE, 2021 EDITION
I.B.C. BUILDING OCCUPANCY: GROUP "B" - BUSINESS (HIGHER EDUCATION)
I.B.C. CONSTRUCTION TYPE: "II-B" NON-COMBUSTIBLE / NON-SPRINKLERED / NOT PROTECTED

SQUARE FOOTAGE: 16,370 SQ. FT. TOTAL
OCCUPANT LOAD PER IBC 2021 TABLE 1004.5: 438 OCCUPANTS (REFER TO DRAWING SHEET G0.0 "LIFE SAFETY / RATING PLAN")

RISK CATEGORY: "III" - BUILDINGS AND OTHER STRUCTURES THAT REPRESENT A SUBSTANTIAL HAZARD TO HUMAN LIFE
EXPOSURE CATEGORY: "C"
WIND SPEED: 141 MPH PER ASCE 7-16 ** WIND SPEED DETERMINATION BY ASCE HAZARDS REPORT / WIND SPEED CALCULATOR - HTTPS://ASCEHAZARDTOOL.ORG **

F.E.M.A. FLOOD ZONE: "X", PER FIRM MAP I.D. NO.: 22019C0485F, DATED 2/18/2011
EXISTING/NEW BUILDING SLAB ELEVATION: 10.85' N.A.V.D.

UNITED STATES DEPARTMENT OF JUSTICE, 2010 ADA STANDARDS
INTERNATIONAL ENERGY CONSERVATION CODE, 2021 EDITION
INTERNATIONAL PLUBMING CODE, 2021 EDITION
INTERNATIONAL MECHANICAL CODE, 2021 EDITION
NATIONAL ELECTRICAL CODE, 2020 EDITION

PLUMBING FIXTURE CALCULATIONS:

OCCUPANCY: GROUP "B" BUSINESS (HIGHER EDUCATION)
OCCUPANT LOAD PER IBC 2021, TABLE 1004.5
PLUMBING FIXTURES PER I.P.C. 2021, TABLE 403.1:

WATER CLOSETS / URINALS: MALE: 398/2 = 199 > 50 @ 1 PER 25 = 2
> 149 @ 1 PER 50 = 3
5 REQUIRED / 3 TOILETS + 3 URINALS PROVIDED

FEMALE: 398/2= 199 > 50 @ 1 PER 25 = 2
> 149 @ 1PER 50 = 3
5 REQUIRED / 5 TOILETS PROVIDED

LAVATORIES MALE: 398/2 = 199 > 40 @ 1 PER 40 = 1
> 159 @ 1 PER 80 = 2
3 REQUIRED / 4 LAVATORIES PROVIDED

FEMALE: 398/2 = 199 > 40 @ 1 PER 40 = 1
> 159 @ 1 PER 80 = 2
3 REQUIRED / 4 LAVATORIES PROVIDED

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SET #

2506 - Sowela Process Technology Building Expansion

NORTH

J. BENNETT JOHNSTON AVENUE

SPRIG STREET

CURB INLET
TOP EL. 6.83
INV. EL. 1.69
INV. 18" R.C.P. N. 2.02
INV. 24" R.C.P. S. 1.91

CURB INLET
TOP EL. 7.05
INV. EL. -0.53
INV. 30" R.C.P. E. -0.61
INV. 30" R.C.P. S. -0.52

G.T.C.B.
TOP EL. 6.85
INV. EL. -0.22
INV. 30" R.C.P. N. 0.14
INV. 30" R.C.P. W. -0.25

G.T.C.B.
TOP EL. 6.39
INV. EL. -1.78
INV. 60"± R.C.P. E. -1.77
INV. 60"± R.C.P. W. -1.84

G.T.C.B.
TOP EL. 6.60
INV. EL. -1.26
INV. 30" R.C.P. N. -1.12
INV. 60"± R.C.P. E. -1.14
INV. 60" ± R.C.P. W. -1.26

SYMBOLS LEGEND

- EXISTING POWER POLE
- EXISTING GUY WIRE & ANCHOR
- EXISTING OVERHEAD POWER LINE
- EXISTING UNDERGROUND POWER LINE
- EXISTING POWER DROP
- EXISTING POWER JUNCTION BOX
- EXISTING LIGHT POLE
- EXISTING IN GROUND LIGHT
- EXISTING TELEPHONE DROP
- EXISTING TELEPHONE BOX
- EXISTING TELEPHONE MARKER
- TEL — EXISTING TELEPHONE LINE
- GAS — EXISTING GAS LINE
- EXISTING FIRE HYDRANT
- EXISTING WATER VALVE
- EXISTING WATER METER
- EXISTING IRRIGATION CONTROL VALVE
- EXISTING WATER LINE
- EXISTING FENCE
- EXISTING CULVERT
- TOP BANK OF DITCH
- TOE OF DITCH
- C/L OF DITCH
- EXISTING SEWER MANHOLE
- SS — EXISTING SEWER LINE
- EXISTING SEWER CLEANOUT
- EXISTING SIGN
- EXISTING TREE
- EXISTING BUSH
- EXISTING FLOOD LIGHT

SHRUBBERY-BED

CONCRETE SIDEWALK

CONC. SIDEWALK

FIN. FLR. ELEV. 10.79

EXISTING 1-STORY BUILDING ON SLAB
(PROCESS TECHNOLOGY BUILDING)

FIN. FLR. ELEV. 10.85

ROOF ELEV. 33.44

ASPHALT PARKING LOT

G.T.C.B.
TOP EL. 7.53
INV. EL. 4.99
INV. 8" PVC N. 5.02
INV. 12" PVC S. 4.96

CONCRETE PARKING LOT

G.T.C.B.
TOP EL. 7.62
INV. EL. 4.82
INV. 8" PVC N. 4.99
INV. 8" PVC S. 4.81

S.S.M.H.
TOP EL. 9.14
INV. EL. 3.37
INV. 4" PVC E. 6.05
INV. 8" PVC S. 4.14
INV. 4" CLAY W. 3.70
INV. 8" PVC W. 3.14

TBM 3
SET 5/8"
RE-BAR
EL. 8.93

G.T.C.B.
TOP EL. 7.49
INV. EL. 5.29
INV. 8" PVC N. 5.36

MATCH LINE

INV. 24" R.C.P. 5.69

INV. 24" R.C.P. 5.91

TBM 1
SET COTTON SPINDLE
EL. 8.61

UNK. METAL COVERS

CONCRETE PARKING LOT

TBM 2
X-SCRIBE IN SE CORNER
OF CATCH BASIN
EL. 8.39

G.T.C.B.
TOP EL. 8.41
INV. EL. 5.65
INV. 24" R.C.P. E. 5.78
INV. 24" R.C.P. W. 5.70

MALLARD COVE STREET

S.S.M.H.
TOP EL. 8.11
INV. EL. 4.84

NOTE:

1) HORIZONTAL AND VERTICAL CONTROL ARE REFERENCED TO LSU C4G CORS NETWORK, NAD83-2011, NAVD88

2) ONLY THOSE UTILITIES APPARENT BY A VISUAL INSPECTION OF THE SURVEYED SITE AND THOSE LOCATED BY CONTACTING LOUISIANA ONE CALL, TICKET NUMBER 250328758, ARE SHOWN HEREON AND MAY NOT REPRESENT ALL UTILITIES EXISTING WITHIN THE SURVEYED SITE. CONTACT LOUISIANA ONE CALL (LA.O.T.I.I.E.) BEFORE ANY CONSTRUCTION OR EXCAVATION.

DESIGNED:
DRAWN: EWW
CHECKED: DBS
APPROVED: DWS
F.B. No.:

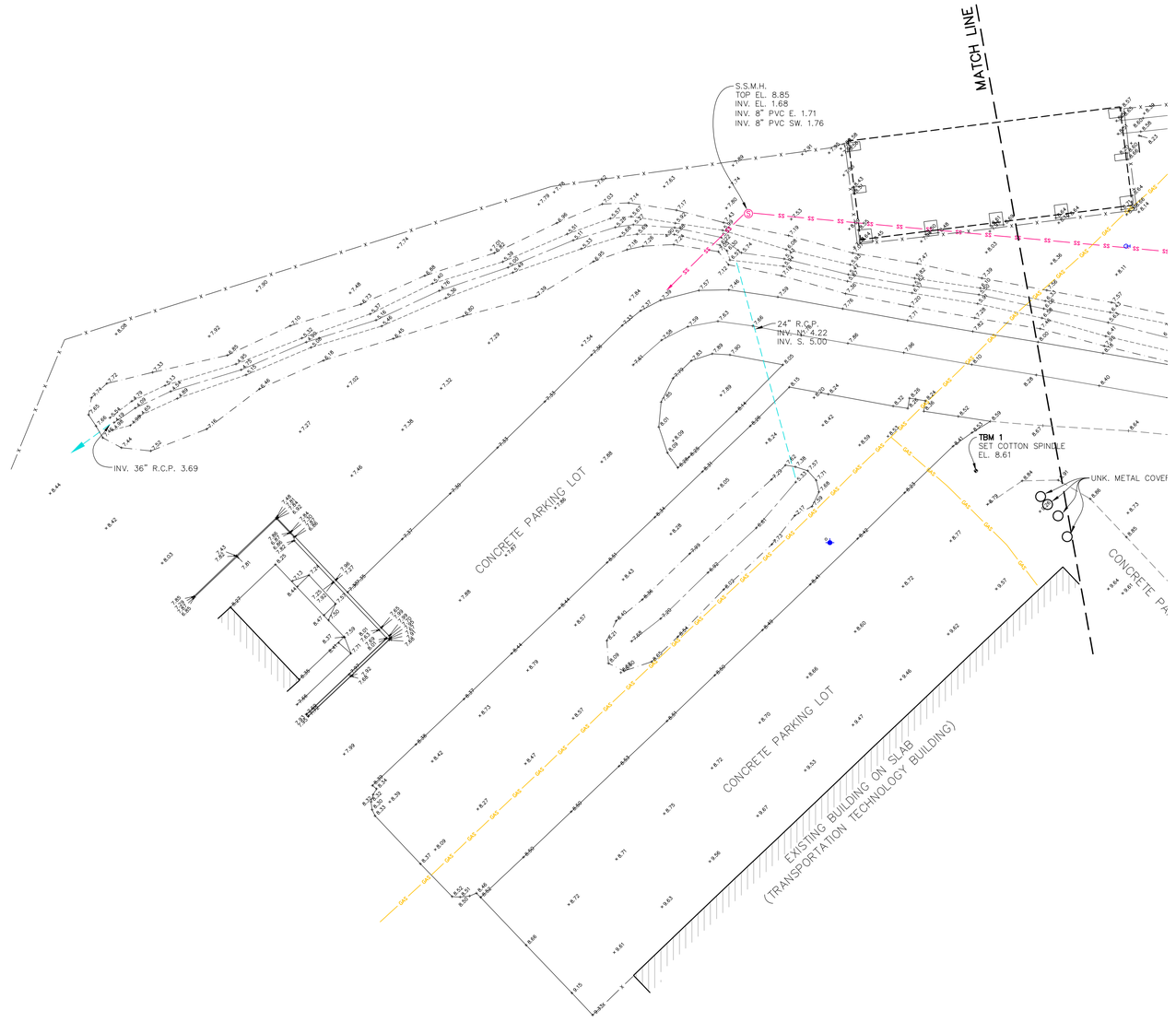
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A Professional Land Surveying Firm
PO Box 1747
Sulphur, LA 70664-1747
Phone/Fax 337-533-8116

TOPOGRAPHIC SURVEY OF
SOWELA PROCESS TECHNOLOGY BUILDING AREA
LAKE CHARLES, LOUISIANA

BY	REVISIONS	DATE

PROJECT NO.: 250506
DATE: JUNE 5, 2025
SCALE: 1" = 20'
SHEET: 1 OF 2

P:\250506 EVANS HOTARD - SOWELA PROCESS TECH ADD\dwg\250506 - EH - SOWELA P-TECH ADD.dwg Jun 05, 2025 - 2:07pm



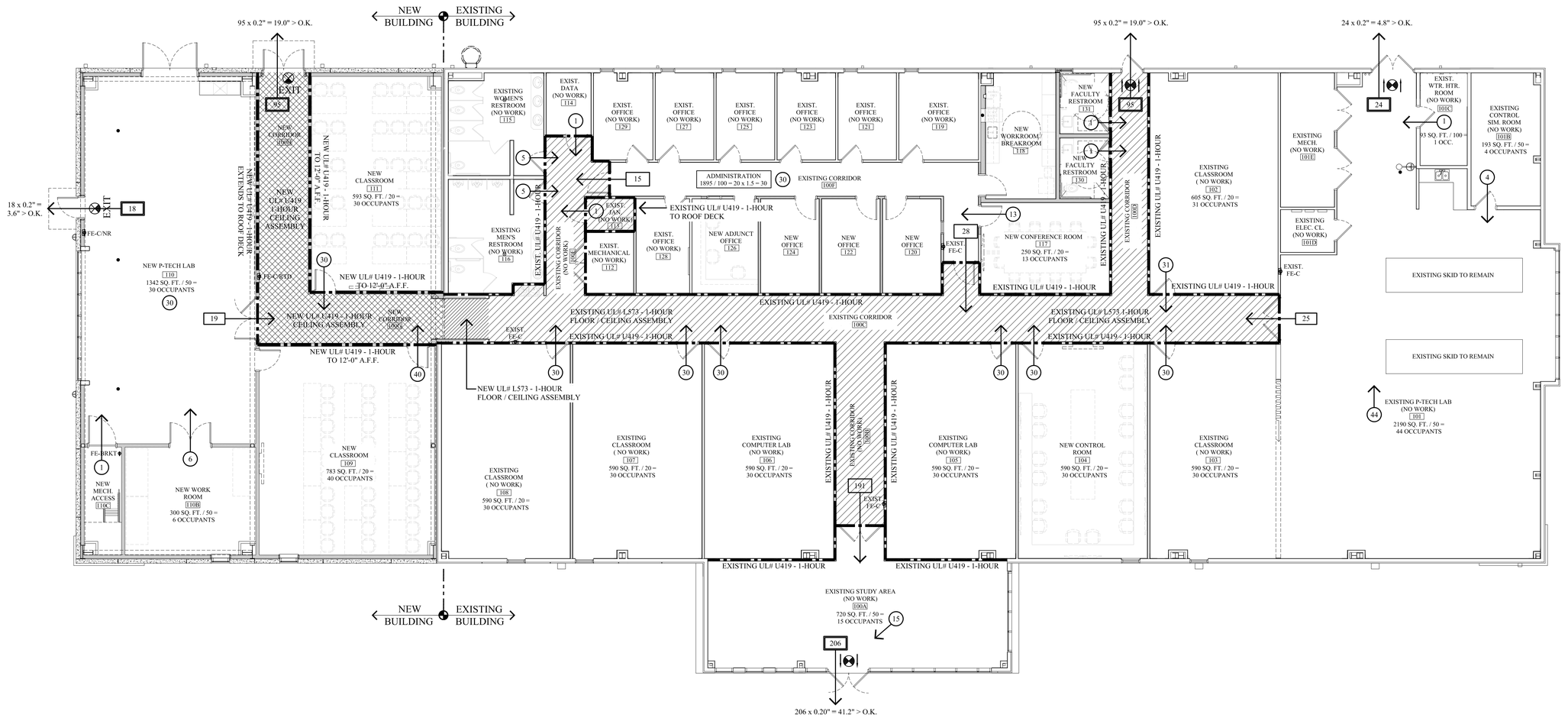
DESIGNED:	*Pelican Land Surveying, L.L.C.*	**TOPOGRAPHIC SURVEY OF**	PROJECT NO.: 250506
DRAWN: EWW	A Professional Land Surveying Firm	**SOWELA PROCESS TECHNOLOGY BUILDING AREA**	DATE: JUNE 5, 2025
CHECKED: DBS	PO Box 1747	**LAKE CHARLES, LOUISIANA**	SCALE: 1" = 20'
APPROVED: DWS	Sulphur, LA 70664-1747	BY / REVISIONS / DATE	SHEET: 2 OF 2
F.B. No.:	Phone/Fax 337-533-8116		

NOTE: REFER TO DETAILS INCLUDED WITHIN THESE DRAWINGS AND THE FOLLOWING SPECIFICATION SECTIONS FOR SPECIFIC REQUIREMENTS FOR RATED PARTITIONS, RATED CEILINGS, SMOKE PARTITIONS, FIRESTOPPING, SEALING, ETC.

SPECIFICATION SECTION - 078410 FIRESTOPPING SYSTEMS
SPECIFICATION SECTION - 078998 RATED ASSEMBLIES & SMOKE PARTITIONS
SPECIFICATION SECTION - 078999 U.L. TEST ASSEMBLIES

LEGEND:

- FE-C / RTD — FIRE EXTINGUISHER W/ RATED CABINET
- FE-C / NR — FIRE EXTINGUISHER W/ NON-RATED CABINET
- EXIT SIGN - LIGHTED w/ BATTERY BACK-UP
- ## — ROOM OCCUPANT EXIT COUNT
- ## — CUMULATIVE OCCUPANT EXIT COUNT
- ## — TOTAL OCCUPANT EXIT COUNT
- EXISTING UL# U419 1-HOUR RATED WALL
- NEW UL# U419 1-HOUR RATED WALL
- EXISTING UL# L573 - 1-HOUR CEILING ASSEMBLY
- NEW UL# L573 - 1-HOUR CEILING ASSEMBLY
- NEW UL#U419 - 1-HOUR CEILING ASSEMBLY



Life Safety & Fire Rating Plan

SCALE: 1/8" = 1'-0"

1

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PROCESS TECHNOLOGY BUILDING EXPANSION
for Sowela Technical Community College
3500 Senator J. Bennett Johnston Ave. | Lake Charles, LA 70615

C.E.H. PROJECT NUMBER
2506

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G1.0

ISSUE DATE:
3 / 13 / 2026



Existing / Demolition Site Plan - Photo Tags

SCALE: No Scale

1

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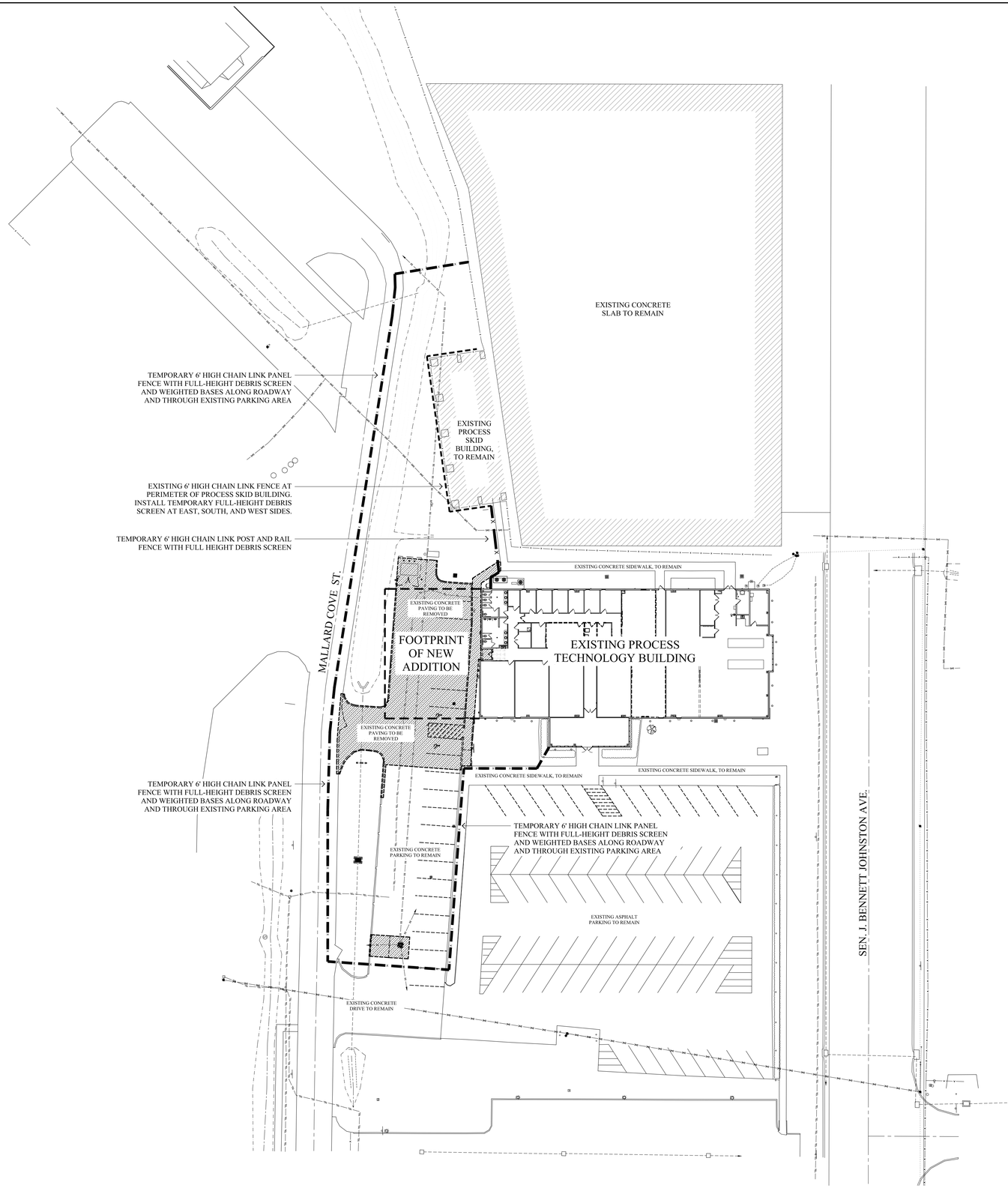
C.E.H. PROJECT NUMBER
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A1.0

ISSUE DATE:
3 / 13 / 2026



Overall Temporary Fencing & Access Site Plan

SCALE: 1" = 30'

1

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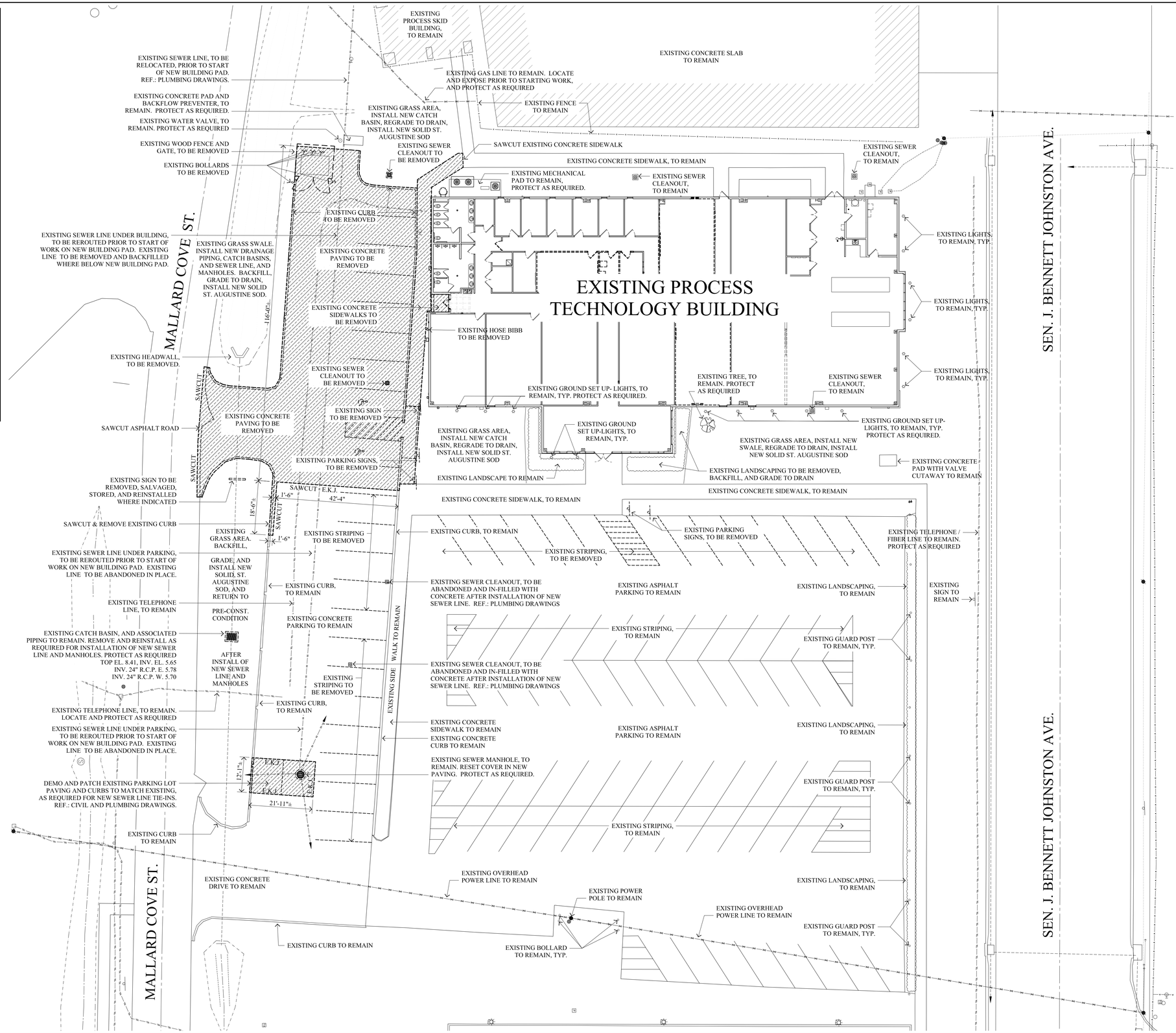
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A1.1

ISSUE DATE:
3 / 13 / 2026

SITE PLAN SYMBOL LEGEND

- EXISTING GRADE OR EXISTING CONSTRUCTION ELEVATION
- NEW GRADE OR NEW CONSTRUCTION ELEVATION
- EXISTING GRADE CONTOUR ELEVATION
- EXISTING CATCH BASIN
- NEW CATCH BASIN
- EXISTING SEWER CLEANOUT, REFER TO NOTES
- NEW / MODIFIED SEWER CLEANOUT WITH NEW C.I. LID & FRAME, 24"x24" CONCRETE PAD
- EXISTING SEWER MANHOLE AND LID, REFER TO NOTES
- NEW SEWER MANHOLE AND LID, REFER TO NOTES
- NEW SEWER MANHOLE AND LID WITH NEW 4'-0" x 4'-0", REFER TO NOTES.
- EXISTING ITEMS TO BE REMOVED, REFER TO NOTES ON PLAN.
- EXISTING CONCRETE PAVING, SIDEWALKS, AND /OR MISCELLANEOUS CONCRETE TO BE REMOVED. REFER TO NOTES ON PLAN.
- NEW CONCRETE AREA PAVING. REFERENCE CIVIL DRAWINGS, CIVIL & ARCHITECTURAL DETAILS.
- EXISTING FENCING, TO BE REMOVED
- EXISTING FENCING, TO REMAIN
- TEMPORARY FENCING, REFER TO NOTES ON SITE PLAN FOR TYPE, DUTY, HEIGHT, CONSTRUCTION, AND SPECIAL REQUIREMENT'S.
- NEW PERMANENT HEAVY-DUTY CHAINLINK FENCING. REFER TO NOTES ON SITE PLAN FOR TYPE, HEIGHT, CONSTRUCTION, AND SPECIAL REQUIREMENTS.



Existing / Demolition Site Plan

SCALE: 1/16"=1'-0"

1

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A1.2

ISSUE DATE:
3 / 13 / 2026

SITE PLAN SYMBOL LEGEND

- EXISTING GRADE OR EXISTING CONSTRUCTION ELEVATION
- NEW GRADE OR NEW CONSTRUCTION ELEVATION
- EXISTING GRADE CONTOUR ELEVATION
- EXISTING CATCH BASIN
- NEW CATCH BASIN
- EXISTING SEWER CLEANOUT, REFER TO NOTES
- NEW / MODIFIED SEWER CLEANOUT WITH NEW C.I. LID & FRAME, 24"x24" CONCRETE PAD
- EXISTING SEWER MANHOLE AND LID, REFER TO NOTES
- NEW SEWER MANHOLE AND LID, REFER TO NOTES
- NEW SEWER MANHOLE AND LID WITH NEW 4'-0" x 4'-0", REFER TO NOTES.
- EXISTING ITEMS TO BE REMOVED, REFER TO NOTES ON PLAN.
- EXISTING CONCRETE PAVING, SIDEWALKS, AND /OR MISCELLANEOUS CONCRETE TO BE REMOVED. REFER TO NOTES ON PLAN.
- NEW CONCRETE AREA PAVING. REFERENCE CIVIL DRAWINGS, CIVIL & ARCHITECTURAL DETAILS.
- EXISTING FENCING, TO BE REMOVED
- EXISTING FENCING, TO REMAIN
- TEMPORARY FENCING, REFER TO NOTES ON SITE PLAN FOR TYPE, DUTY, HEIGHT, CONSTRUCTION, AND SPECIAL REQUIREMENT'S.
- NEW PERMANENT HEAVY-DUTY CHAINLINK FENCING. REFER TO NOTES ON SITE PLAN FOR TYPE, HEIGHT, CONSTRUCTION, AND SPECIAL REQUIREMENTS.

EXISTING SEWER LINE, TO BE REROUTED PRIOR TO START OF WORK ON NEW BUILDING PAD. EXISTING LINE TO BE ABANDONED IN PLACE.

EXISTING GAS LINE, TO REMAIN. FIELD LOCATE PRIOR TO EXCAVATION. PROTECT AS REQUIRED.

REGRADE FROM PERIMETER TO NEW C.B. INSTALL NEW SOLID ST. AUGUSTINE SOD.

ALTERNATE NO.3
DUMPSTER ENCLOSURE & DRIVE
+ ASSOC. DRAINAGE

NEW DUMPSTER DRIVE AND PAVING. REF.: CIVIL DRAWINGS.

NEW DUMPSTER ENCLOSURE. REF.: ENLARGED PLAN AND DETAILS.

EXISTING WATER VALVE, BACKFLOW PREVENTER, SLAB, AND HOT BOX, TO REMAIN. PROTECT AS REQUIRED.

NEW SEWER MANHOLE, WITH CONCRETE SURROUND. REF.: PLUMBING DRAWINGS.

NEW GALVANIZED STEEL 1-1/2" SCH-40 36"H. 3-LINE GUARDRAIL, 20'-0" + 8'-0" LONG, SAND SMOOTH, TO PAINT.

REGRADE FROM PERIMETER TO NEW C.B. INSTALL NEW SOLID ST. AUGUSTINE SOD.

EXISTING SEWER LINE UNDER BUILDING, TO BE REROUTED PRIOR TO START OF WORK ON NEW BUILDING PAD. EXISTING LINE TO BE REMOVED AND BACKFILLED WHERE BELOW NEW BUILDING PAD.

NEW SUBSURFACE DRAINAGE PIPING. REF.: CIVIL DRAWINGS.

NEW SEWER LINE RE-ROUTED. REF.: PLUMBING DRAWINGS.

NEW SEWER MANHOLE, WITH CONCRETE SURROUND. REF.: PLUMBING DRAWINGS.

EXISTING SEWER LINE UNDER PARKING, TO BE REROUTED PRIOR TO START OF WORK ON NEW BUILDING PAD. EXISTING LINE TO BE ABANDONED IN PLACE.

EXISTING CRASS AREA. BACKFILL, GRADE, AND INSTALL NEW SOLID ST. AUGUSTINE SOD, AND RETURN TO PRE-CONST. CONDITION AFTER INSTALLATION OF NEW SEWER LINE AND MANHOLES.

EXISTING CATCH BASIN, AND ASSOCIATED PIPING TO REMAIN. REMOVE AND REINSTALL AS REQUIRED FOR INSTALLATION OF NEW SEWER LINE AND MANHOLES. PROTECT AS REQUIRED TOP EL. 8.41, INV. EL. 5.65 INV. 24" R.C.P. E. 5.78 INV. 24" R.C.P. W. 5.70

EXISTING TELEPHONE LINE, TO REMAIN. LOCATE AND PROTECT AS REQUIRED

EXISTING SEWER LINE UNDER PARKING, TO BE REROUTED PRIOR TO START OF WORK ON NEW BUILDING PAD. EXISTING LINE TO BE ABANDONED IN PLACE.

DEMO AND PATCH EXISTING PARKING LOT PAVING AND CURBS TO MATCH EXISTING, AS REQUIRED FOR NEW SEWER LINE TIE-INS. REF.: CIVIL AND PLUMBING DRAWINGS.

EXISTING BUILDING I.D. SIGN TO BE REINSTALLED.

EXISTING PROCESS SKID BUILDING TO REMAIN

EXISTING CONCRETE SLAB, TO REMAIN

EXISTING SIGN, TO REMAIN. PROTECT AS REQUIRED DURING GRADING.

NOTE: EXISTING GAS LINE, TO REMAIN. FIELD LOCATE PRIOR TO EXCAVATION. PROTECT AS REQUIRED.

REGRADE FROM PERIMETER TO NEW C.B. INSTALL NEW SOLID ST. AUGUSTINE SOD.

NEW CONCRETE SIDEWALK

EXISTING SIDEWALK TO REMAIN

MALLARD COVE ST.

NEW CONCRETE SIDEWALK

NEW ADDITION

EXISTING PROCESS TECHNOLOGY BUILDING

SEN. J. BENNETT JOHNSTON AVE.

NEW CONCRETE PAVING

NEW CONCRETE DRIVE

EXISTING GROUND SET UP- LIGHTS, TO REMAIN, TYP. PROTECT AS REQUIRED.

REGRADE FROM PERIM. TO NEW CATCH BASIN. INSTALL SOLID ST. AUG. SOD

EXISTING TREE, TO REMAIN. PROTECT AS REQUIRED

EXISTING GROUND SET UP- LIGHTS, TO REMAIN, TYP. PROTECT AS REQUIRED.

EXISTING CONCRETE PAD WITH VALVE CUTAWAY TO REMAIN

EXISTING CONCRETE SIDEWALK, TO REMAIN

EXISTING CONCRETE SIDEWALK, TO REMAIN

NEW PARKING BUMPERS, TYP.

NEW STRIPING, TYP.

EXISTING TELEPHONE / FIBER LINE TO REMAIN. PROTECT AS REQUIRED

PRESSURE WASH EXIST. PARKING LOT, REMOVE EXIST. STRIPING, AND INSTALL NEW STRIPING

EXISTING CONCRETE PARKING TO REMAIN

EXISTING SIDE WALK TO REMAIN

PRESSURE WASH EXIST. PARKING LOT, REMOVE EXIST. STRIPING, AND INSTALL NEW STRIPING

EXISTING SEWER CLEANOUT, TO BE ABANDONED AND IN-FILLED WITH CONCRETE AFTER INSTALLATION OF NEW SEWER LINE. REF.: PLUMBING DRAWINGS

EXISTING ASPHALT PARKING TO REMAIN

EXISTING LANDSCAPING, TO REMAIN

EXISTING SIGN TO REMAIN

EXISTING STRIPING, TO REMAIN

EXISTING GUARD POST TO REMAIN, TYP.

EXISTING SEWER CLEANOUT, TO BE ABANDONED AND IN-FILLED WITH CONCRETE AFTER INSTALLATION OF NEW SEWER LINE. REF.: PLUMBING DRAWINGS

EXISTING CONCRETE SIDEWALK TO REMAIN

EXISTING CONCRETE CURB TO REMAIN

EXISTING SEWER MANHOLE, TO REMAIN. RESET COVER IN NEW PAVING. PROTECT AS REQUIRED.

EXISTING CONCRETE DRIVE TO REMAIN

EXISTING OVERHEAD POWER LINE TO REMAIN

EXISTING POWER POLE TO REMAIN

EXISTING BOLLARD TO REMAIN, TYP.

EXISTING CURB TO REMAIN

N

New Site Plan

SCALE: 1/16" = 1'-0"

1

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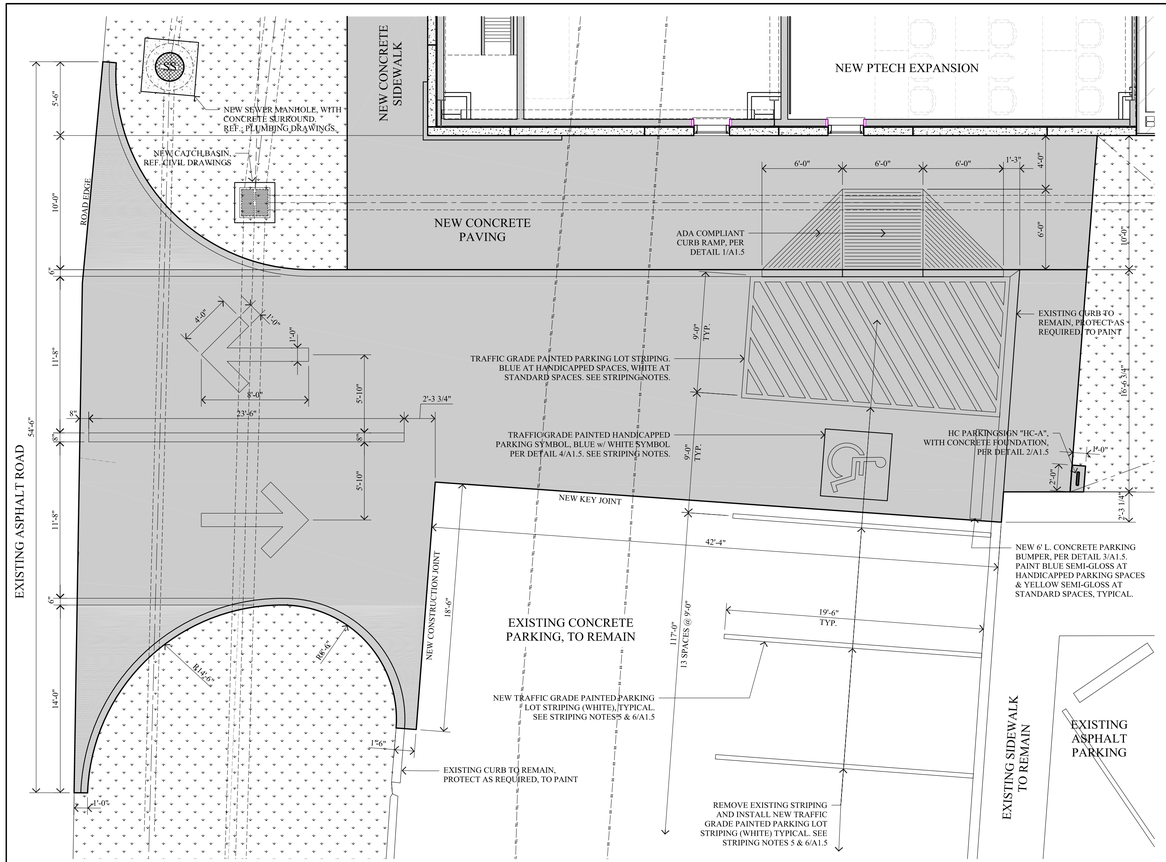
C.E.H. PROJECT NUMBER
2506

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Reg. No. 8846
STATE OF LOUISIANA
REGISTERED ARCHITECT

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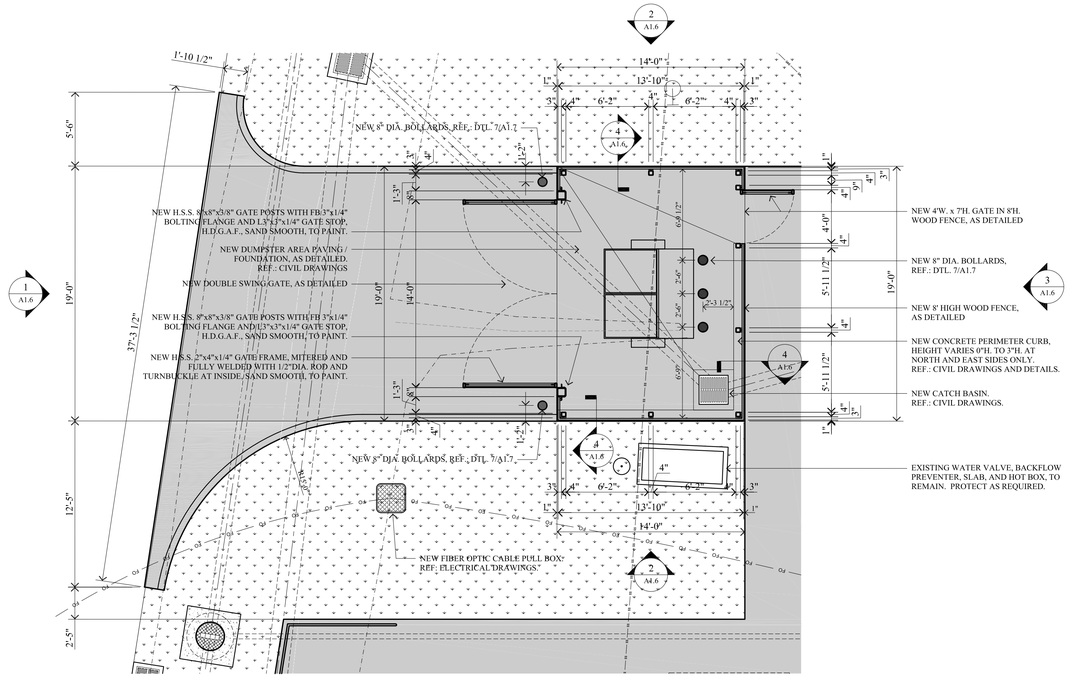
A1.3

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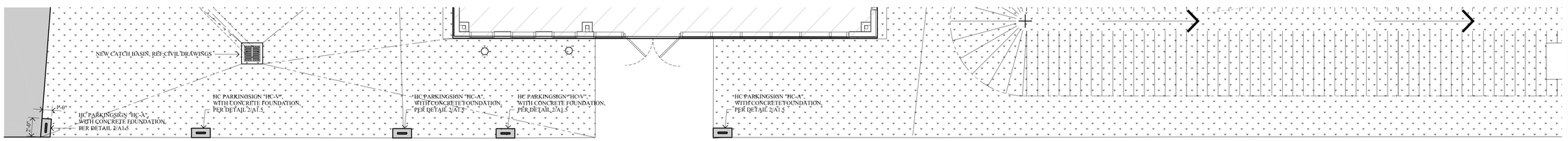
Enlargened Site Detail - Entrance Drive & Handicapped Parking

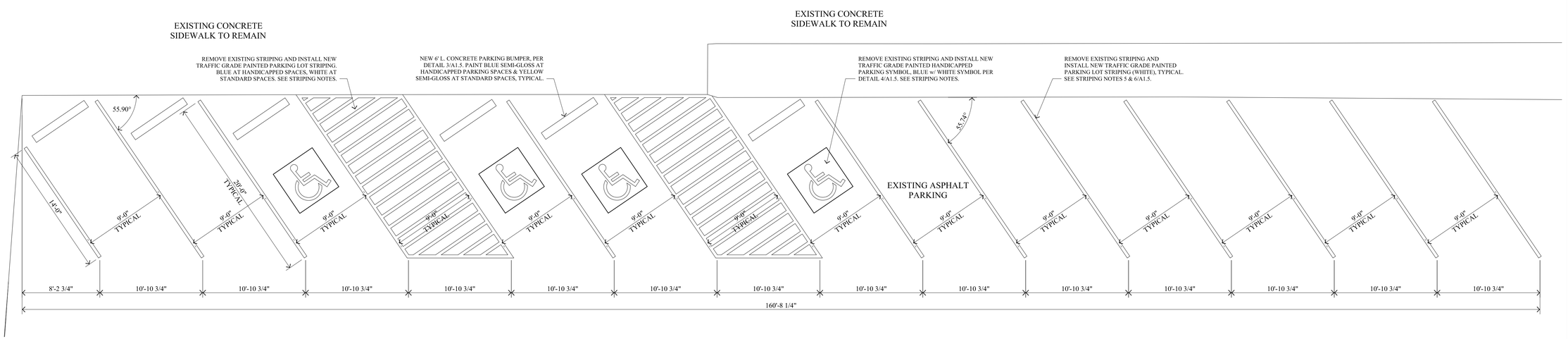
SCALE: 3/16"=1'-0" (1)



Enlargened Site Detail - Dumpster Enclosure - Addendum No.3

SCALE: 3/16" = 1'-0" (2)





Enlargened Site Detail - Entrance Drive & Handicapped Parking

SCALE: 3/16"=1'-0" (3)

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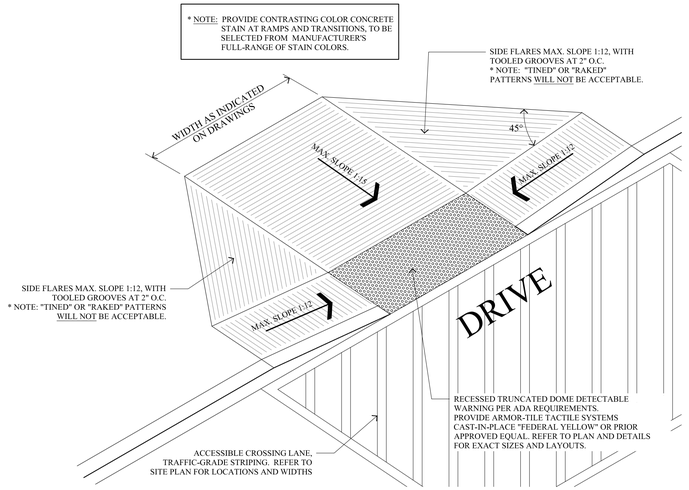
C.E.H. PROJECT NUMBER
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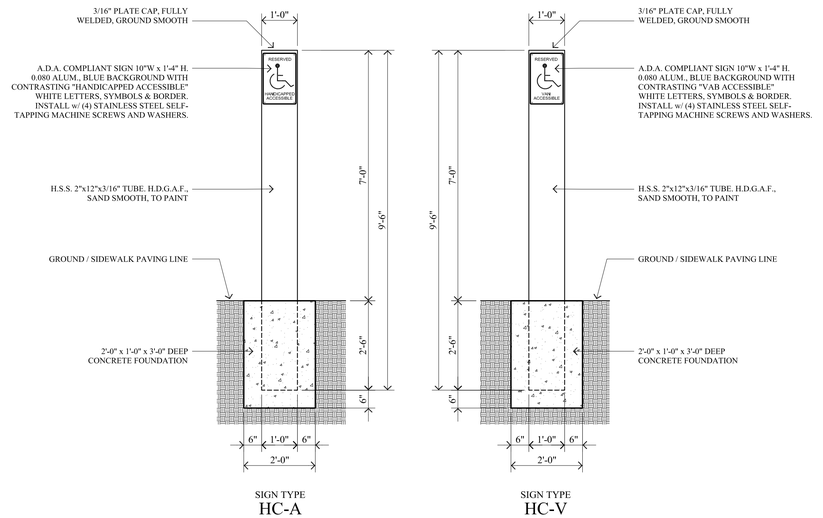
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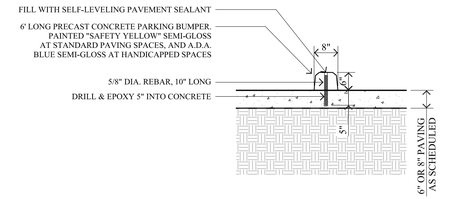
Acessible Sidewalk Ramp

SCALE: 3/8"=1'-0" 1



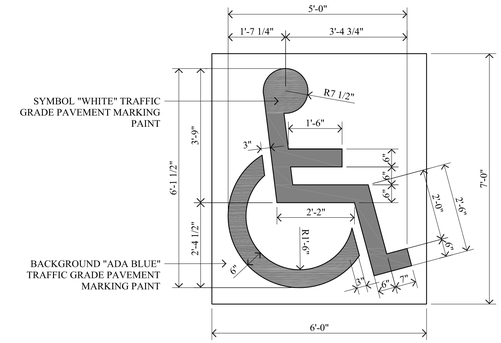
Handicapped Accessible Parking Signage

SCALE: 1/2"=1'-0" 2



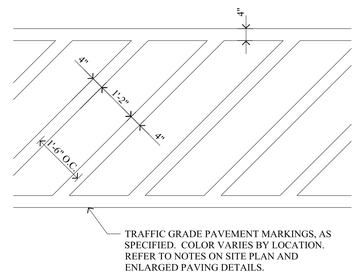
Parking Bumper

SCALE: 1/2" = 1'-0" 3



HC Parking Symbol

SCALE: 1/2"=1'-0" 4



Typ. Striping Detail

SCALE: 1/2"=1'-0" 5

CONCRETE - PARKING LOT STRIPING
1 COAT: SHERWIN WILLIAMS "SETFAST" PREMIUM ALKYD SEMI-GLOSS ZONE MARKING PAINT, A300 SERIES OR APPROVED EQUAL AT A RATE OF 15.0 MILS WET / 7.5 MILS DRY / APPROXIMATELY 400 LINEAR FEET OF STANDARD 4" WIDE STRIPE PER GALLON.

GENERAL NOTES:
1. CONTRACTOR SHALL POWER WASH PAVEMENT PRIOR TO ALL STRIPING ACTIVITIES.
2. STRIPING SHALL BE COMPLETED ON A DRY PAVEMENT SURFACE WITH NO MOISTURE OR PONDING OF WATER.
3. ALL PAVEMENT STRIPING SHALL HAVE A 1 YEAR WARRANTY FOR ADHESION AND APPEARANCE.

Pavement Striping Notes

SCALE: None 6

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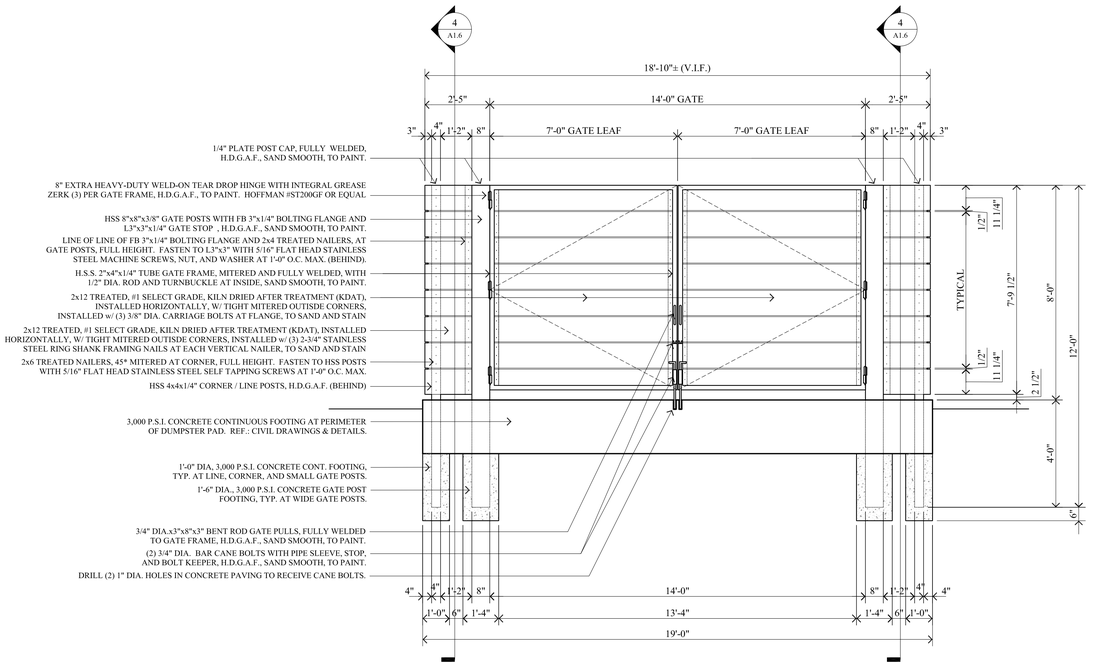
C.E.H. PROJECT NUMBER
2506

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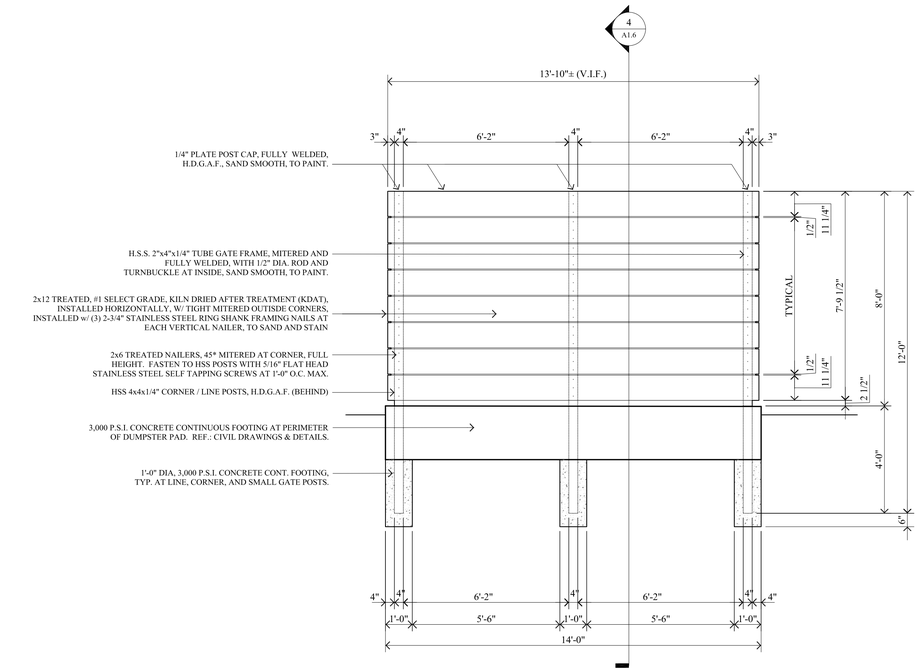
ISSUE DATE:
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Dumpster Gate South Elevation - Alternate No.3

SCALE: 1/2" = 1'-0"

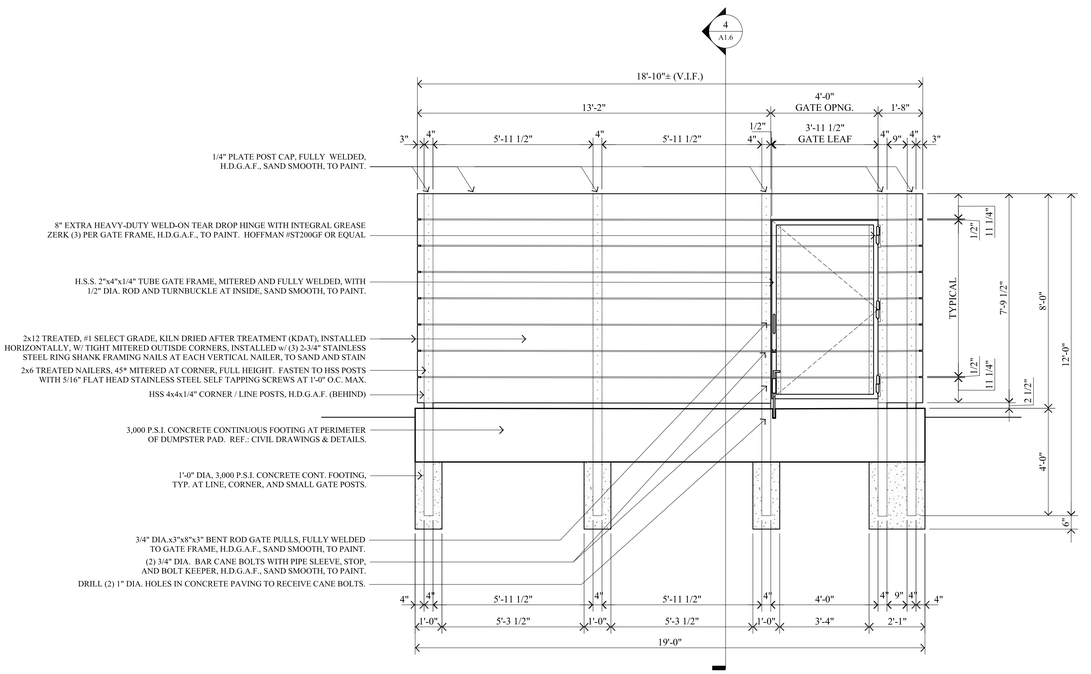
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Dumpster Gate East & West Elevation - Alternate No.3

SCALE: 1/2" = 1'-0"

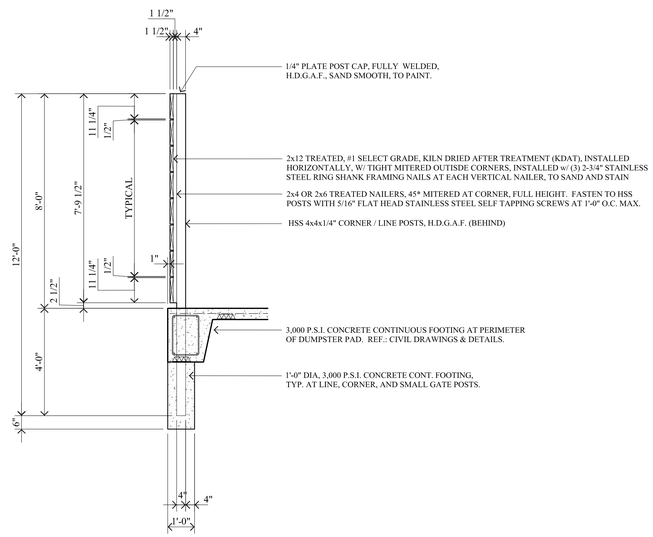
2



Dumpster Gate North Elevation - Alternate No.3

SCALE: 1/2" = 1'-0"

3



Dumpster Gate Section - Alternate No.3

SCALE: 1/2" = 1'-0"

4

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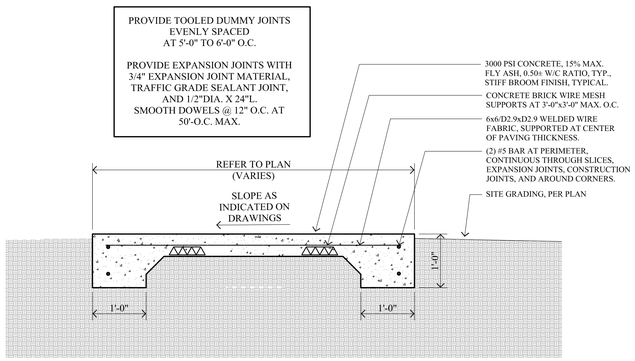
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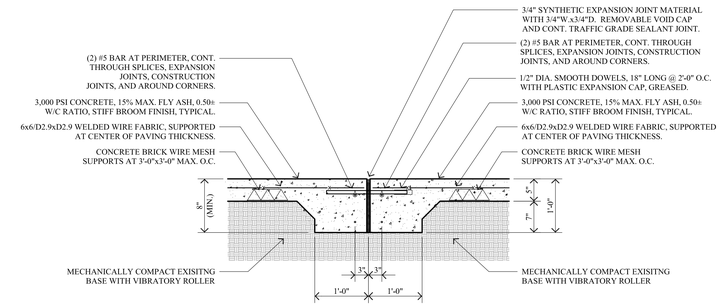
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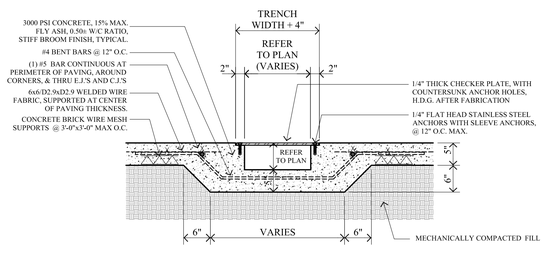
New Sidewalk Detail

SCALE: 3/4"=1'-0" (1)



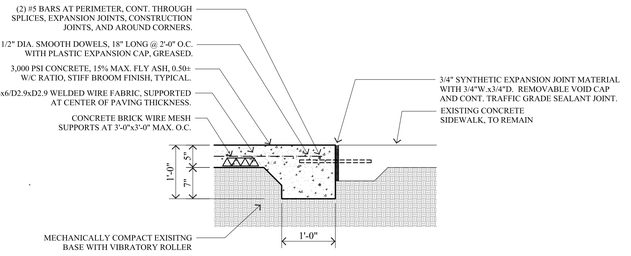
New Sidewalk Expansion Joint Detail

SCALE: 3/4"=1'-0" (2)



Trench Drain Detail

SCALE: 3/4"=1'-0" (3)

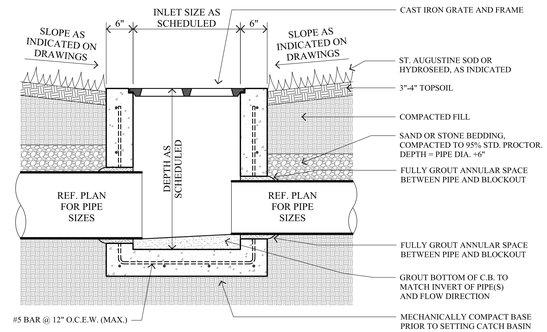


New Sidewalk Tie-In To Existing

SCALE: 3/4"=1'-0" (4)

Sewer Cleanout / Water Valve Cover Detail

SCALE: 3/4"=1'-0" (5)



Typical Catch Basin Or Conflict Basin (Size Varies)

SCALE: 3/4"=1'-0" (6)

Bollard Detail

SCALE: 1/2"=1'-0" (7)

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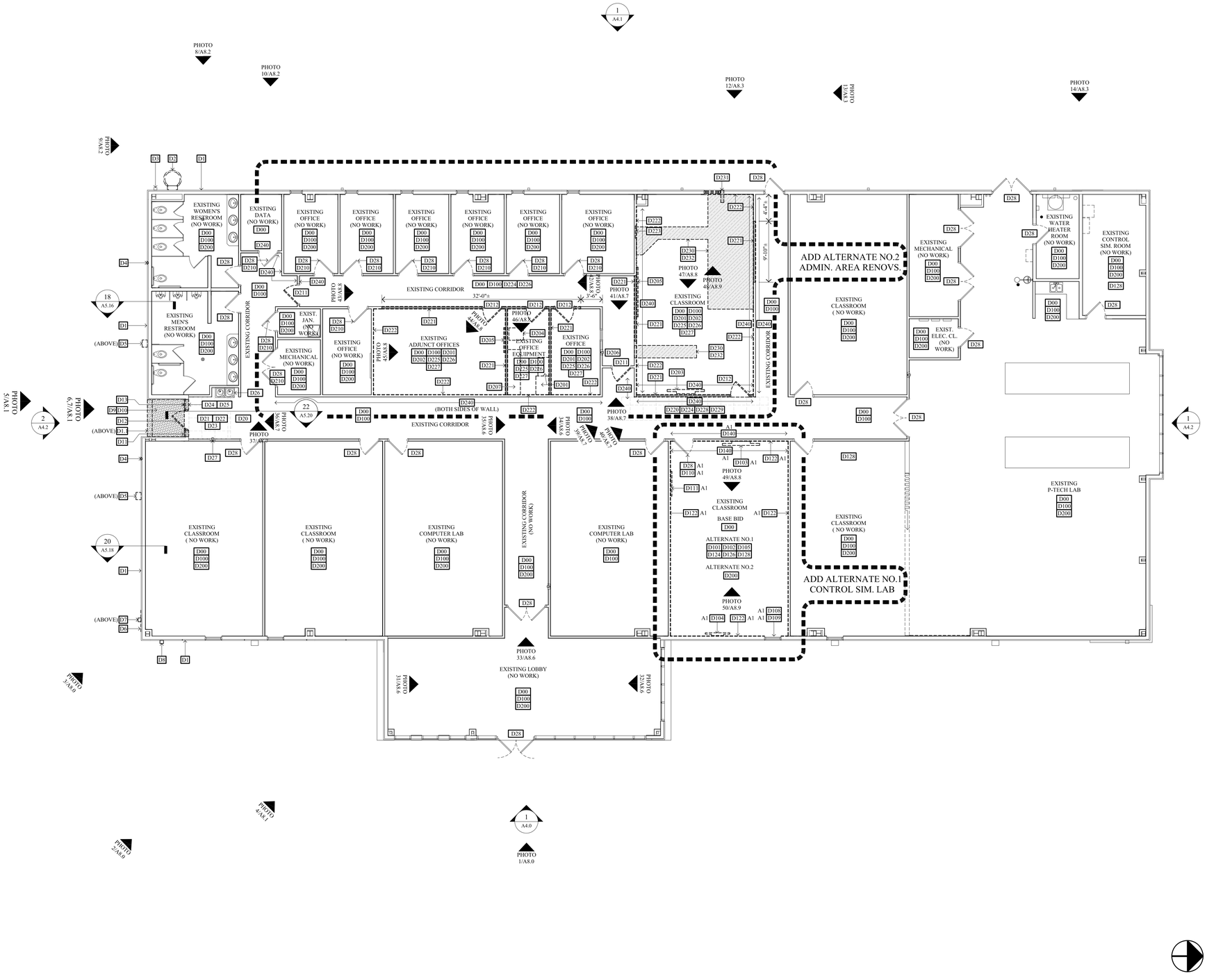
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DEMOLITION KEY NOTES - BASE BID

BB	D00	NO DEMOLITION WORK IN THIS ROOM / AREA IN BASE BID
BB	D1	EXISTING PRECAST CONCRETE PANELS TO REMAIN
BB	D1.1	EXISTING PRECAST CONCRETE PANEL (ABOVE) TO REMAIN
BB	D2	EXISTING ROOF ACCESS LADDER, TO REMAIN
BB	D3	EXISTING DOWNSPOUT, TO REMAIN
BB	D4	EXISTING RECESSED HOSE BIBB TO BE DISCONNECTED AND ABANDONED IN PLACE, REF.: PLUMBING DRAWINGS
BB	D5	CAREFULLY REMOVE, SALVAGE, STORE, AND PROTECT EXISTING WALL LIGHT AT THIS LOCATION. REINSTALL AS INDICATED ON NEW LIGHTING PLAN.
BB	D6	REMOVE AND DISCARD EXISTING BUILDING LETTERS
BB	D7	CAREFULLY DISABLE, REMOVE, SALVAGE, STORE, AND PROTECT EXISTING CCTV CAMERA AND WIRING. REINSTALL AS INDICATED ON NEW SPECIAL SYSTEMS PLAN.
BB	D8	EXISTING CCTV CAMERA TO REMAIN, PROTECT AS REQUIRED
BB	D9	DEMOLISH AND REMOVE EXISTING CONCRETE PAVING AT DOOR LANDING. PREPARE AREA FOR NEW BUILDING FOUNDATION AND SLAB. REF: ARCHITECTURAL AND STRUCTURAL DRAWINGS.
BB	D10	DEMOLISH AND REMOVE EXISTING METAL SOFFIT PANEL CEILING, SHEATHING, AND FRAMING ABOVE, ELECTRICAL LIGHT FIXTURE, AND ALL OTHER ITEMS AS REQUIRED FOR NEW CONSTRUCTION. NOTE: THIS WORK SHALL TAKE PLACE AFTER NEW BUILDING IS ENCLOSED, SECURED, AND CLIMATE CONTROLLED.
BB	D11	DEMOLISH AND REMOVE EXISTING PRECAST CONCRETE WALL PANELS, METAL STUD FRAMING, GYPSUM BOARD AT INTERIOR SIDE, AND ALL OTHER ITEMS AS REQUIRED FOR NEW CONSTRUCTION. NOTE: THIS WORK SHALL BE COMPLETED AFTER NEW BUILDING IS ENCLOSED, SECURED, AND CLIMATE CONTROLLED.
BB	D12	REMOVE AND DISPOSE OF EXISTING DOOR AND FRAME. SALVAGE HARDWARE, CATALOG AND DELIVER TO OWNER. NOTE: THIS WORK SHALL BE COMPLETED AFTER NEW BUILDING IS ENCLOSED, SECURED, AND CLIMATE CONTROLLED.
BB	D13	CAREFULLY DISABLE, REMOVE, SALVAGE, STORE, AND PROTECT EXISTING ACCESS CONTROL KEYPAD, WIRING, AND CONTROL MODULE AT INTERIOR. REINSTALL AS INDICATED ON NEW SPECIAL SYSTEMS PLAN.
BB	D20	CONSTRUCT A TEMPORARY WALL / DUST BARRIER WITH TEMPORARY DOOR FOR EMERGENCY EGRESS AT THIS LOCATION FROM FLOOR TO RATED ASSEMBLY ABOVE CEILING PRIOR TO DEMOLITION AT THIS AREA. NOTE: DOOR AND FRAME REMOVED IN KEYNOTE D13 MAY BE UTILIZED FOR THIS PURPOSE.
BB	D21	COVER AND PROTECT EXISTING FLOORING TO REMAIN AT THIS AREA DURING DEMOLITION AND NEW CONSTRUCTION.
BB	D22	REMOVE AND SALVAGE EXISTING ACOUSTICAL CEILING TILE AND GRID, AS REQUIRED FOR DEMOLITION AND NEW CONSTRUCTION. STORE AND PROTECT FOR RE-INSTALLATION.
BB	D23	CAREFULLY REMOVE, SALVAGE, STORE, AND PROTECT EXISTING LIGHT FIXTURES AND EXIT SIGN IN CEILING AT THIS AREA, AS REQUIRED FOR DEMOLITION AND NEW CONSTRUCTION. REINSTALL IN ORIGINAL LOCATIONS UPON COMPLETION.
BB	D24	CAREFULLY DISABLE, REMOVE, SALVAGE, STORE, AND PROTECT EXISTING FIRE ALARM PULL STATION AT THIS LOCATION. REINSTALL AS INDICATED ON NEW SPECIAL SYSTEMS PLAN.
BB	D25	CAREFULLY DISABLE, REMOVE, SALVAGE, STORE, AND PROTECT EXISTING SECURITY SYSTEM KEYPAD, DOOR, CONTACTS, AND WIRING AT THIS LOCATION. REINSTALL AS INDICATED ON NEW SPECIAL SYSTEMS PLAN.
BB	D26	EXISTING WATER COOLERS TO REMAIN, PROTECT AS REQUIRED.
BB	D27	EXISTING FIRE EXTINGUISHER AND CABINET TO REMAIN. PROTECT AS REQUIRED.
BB	D28	EXISTING DOOR, HARDWARE, AND FRAME TO REMAIN. REFER TO DOOR HARDWARE SCHEDULE FOR NEW CORES / CYLINDERS AND KEYING REQUIREMENTS IN BASE BID.

DEMOLITION KEY NOTES - ALTERNATE NO.1

A1	D100	NO DEMOLITION WORK AT THIS ROOM / AREA IN ALTERNATE NO.1
A1	D101	EXISTING FURNITURE AT THIS ROOM TO BE REMOVED AND RELOCATED BY OWNER.
A1	D102	EXISTING COMPUTERS AND MONITORS TO BE REMOVED BY OWNER.
A1	D103	EXISTING SMART BOARD TO BE REMOVED BY OWNER.
A1	D104	EXISTING MONITOR TO BE REMOVED BY OWNER.
A1	D105	REMOVE AND SALVAGE EXISTING MARKER BOARDS, AND DELIVER TO OWNER.
A1	D108	EXISTING WOOD WINDOW SILL, TO REMAIN. PROTECT AS REQUIRED. PAINT TO MATCH NEW COLOR SCHEME.
A1	D109	REMOVE, SALVAGE, STORE, AND PROTECT EXISTING ALUMINUM WINDOW BLIND. UPON COMPLETION, REINSTALL TO MATCH ORIGINAL INSTALLATION.
A1	D110	EXISTING DOOR, HARDWARE, AND FRAME TO REMAIN. REFER TO DOOR HARDWARE SCHEDULE FOR NEW CORES / CYLINDERS AND KEYING REQUIREMENT IN BASE BID.
A1	D111	REMOVE AND SALVAGE EXISTING TACK BOARD, AND DELIVER TO OWNER.
A1	D122	REMOVE EXISTING GYPSUM BOARD TO 8'-0" A.F.F. AS REQUIRED FOR NEW CONSTRUCTION. METAL STUD FRAMING TO REMAIN.
A1	D124	COVER AND PROTECT EXISTING FLOORING, TO REMAIN, AT THIS AREA.
A1	D126	REMOVE EXISTING RUBBER BASE.
A1	D128	CAREFULLY REMOVE, STORE, AND BUNDLE EXISTING ACOUSTICAL CEILING TILE AND GRID AS REQUIRED FOR WORK SCHEDULED AT THIS ROOM / AREA. SALVAGED MATERIALS SHALL BE REINSTALLED TO MATCH ORIGINAL INSTALLATION.
A1	D140	PROPERLY FIRE STOP ALL NEW AND EXISTING PENETRATIONS THROUGH RATED WALLS AFTER INSTALLATION OF NEW POWER AN DATA.

DEMOLITION KEY NOTES - ALTERNATE NO.2

A2	D200	NO DEMOLITION WORK AT THIS ROOM / AREA IN ALTERNATE NO.2.
A2	D201	EXISTING FURNITURE AT THIS ROOM TO BE REMOVED AND RELOCATED BY OWNER.
A2	D202	EXISTING COMPUTERS AND MONITORS TO BE REMOVED BY OWNER.
A2	D203	EXISTING SMART BOARD TO BE REMOVED BY OWNER.
A2	D204	EXISTING COPIER TO BE REMOVED AND RELOCATED BY OWNER.
A2	D205	REMOVE AND SALVAGE EXISTING MARKER BOARD AND DELIVER TO OWNER.
A2	D206	EXISTING FIRE EXTINGUISHER AND CABINET TO REMAIN. PROTECT AS REQUIRED.
A2	D207	REMOVE AND DISCARD EXISTING CABINETS AND COUNTER TOPS.
A2	D210	EXISTING DOOR, HARDWARE, AND FRAME, TO REMAIN. REFER TO DOOR HARDWARE SCHEDULE FOR NEW CORES / CYLINDERS AND KEYING REQUIREMENTS IN BASE BID.
A2	D211	REMOVE AND SALVAGE EXISTING DOOR AND HARDWARE. CATALOG AND DELIVER TO OWNER. FRAME TO REMAIN.
A2	D212	REMOVE EXISTING DOOR, HARDWARE, AND FRAME. CATALOG AND DELIVER DOOR AND FRAME TO OWNER. DISCARD FRAME.
A2	D220	TEMPORARILY SHORE EXISTING RATED TUNNEL ASSEMBLY ABOVE, AS REQUIRED FOR DEMOLITION AND NEW CONSTRUCTION.
A2	D221	DEMOLISH AND REMOVE EXISTING METAL STUD / GYPSUM BOARD WALLS TO EXTENTS INDICATED. PREPARE OPENING FOR NEW CONSTRUCTION.
A2	D222	REMOVE EXISTING GYPSUM BOARD AT WALLS. METAL STUD FRAMING TO REMAIN.
A2	D223	MODIFY EXISTING METAL STUD FRAMING TO CREATE A RECESS FOR NEW UNDER-COUNTER ICE MACHINE. COORDINATE LOCATION WITH NEW CABINETS AND PLUMBING.
A2	D224	COVER AND PROTECT EXISTING FLOORING TO REMAIN AT THIS ROOM / AREA.
A2	D225	REMOVE EXISTING VCT FLOORING AT THIS AREA. PREPARE SLAB FOR NEW FLOORING AS SCHEDULED.
A2	D226	REMOVE AND SALVAGE EXISTING RUBBER BASE.
A2	D227	CAREFULLY REMOVE, STORE, AND BUNDLE EXISTING ACOUSTICAL CEILING TILE AND GRID. SALVAGED MATERIAL SHALL BE UTILIZED FOR PATCHING AT NEW CONSTRUCTION. ALL LEFT OVER MATERIALS SHALL BE TRANSFERRED TO OWNER FOR ATTIC STOCK.
A2	D228	CAREFULLY REMOVE, STORE, AND BUNDLE EXISTING ACOUSTICAL CEILING TILE AND GRID, AS REQUIRED FOR WORK AT THIS AREA. UPON COMPLETION, RETURN TO ORIGINAL CONDITION.
A2	D229	CAREFULLY REMOVE, SALVAGE, STORE, AND PROTECT EXISTING LIGHT FIXTURES AND EXIT SIGNS IN CEILING AT THIS AREA, AS REQUIRED FOR DEMOLITION AND NEW CONSTRUCTION. REINSTALL IN ORIGINAL LOCATIONS UPON COMPLETION.
A2	D230	DEMOLISH AND REMOVE EXISTING SLAB TO EXTENTS INDICATED FOR NEW PLUMBING. SAWCUT 3/4" DEEP TO SCORE EDGE, AND BREAK BALANCE TO RESULT IN A ROUGH EDGE.
A2	D231	CORE DRILL PENETRATION THROUGH MIDDLE 1/3 OF EXISTING GRADE BEAM FOR NEW SEWER LINE ROUTING. REF.: PLUMBING DRAWINGS.
A2	D232	EXCAVATE AS REQUIRED FOR NEW SEWER LINE ROUGH-IN. BACKFILL AND MECHANICALLY COMPACT TO 95% STANDARD PROCTOR. INSTALL CONCRETE INFILL PATCH PER DETAIL.
A2	D240	PROPERLY FIRESTOP ALL EXISTING AND NEW PENETRATIONS THROUGH RATED WALLS AFTER INSTALLATION OF NEW POWER AND DATA.

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C.E.H. PROJECT NUMBER
2506

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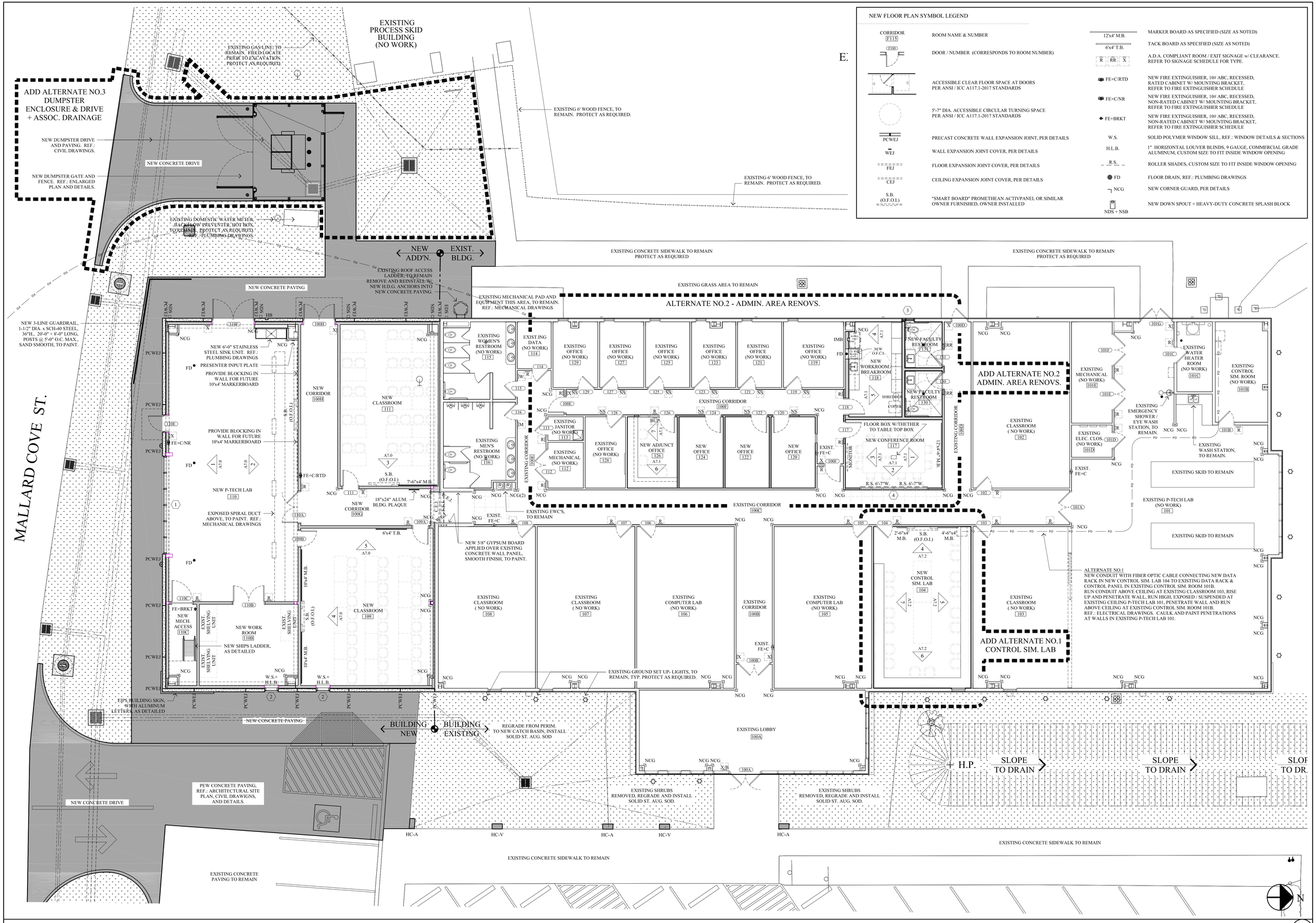
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A2.0

ISSUE DATE:
3 / 13 / 2026

Existing / Demolition Floor Plan - Base Bid, Alternate No.1(Control Sim. Lab), & Alternate No.2 (Administration Area Renovations) SCALE: 1/8" = 1'-0" 1

Existing / Demolition Keynotes SCALE: No Scale 2



NEW FLOOR PLAN SYMBOL LEGEND

CORRIDOR F115	ROOM NAME & NUMBER	12'x4' M.B.	MARKER BOARD AS SPECIFIED (SIZE AS NOTED)
100	DOOR / NUMBER (CORRESPONDS TO ROOM NUMBER)	6'x4' T.B.	TACK BOARD AS SPECIFIED (SIZE AS NOTED)
	ACCESSIBLE CLEAR FLOOR SPACE AT DOORS PER ANSI / ICC A117.1-2017 STANDARDS	R RR X	A.D.A. COMPLIANT ROOM / EXIT SIGNAGE w/ CLEARANCE. REFER TO SIGNAGE SCHEDULE FOR TYPE.
	5'-7" DIA. ACCESSIBLE CIRCULAR TURNING SPACE PER ANSI / ICC A117.1-2017 STANDARDS	FE+C/RTD	NEW FIRE EXTINGUISHER, 10# ABC, RECESSED, RATED CABINET W/ MOUNTING BRACKET, REFER TO FIRE EXTINGUISHER SCHEDULE
PCWEJ	PRECAST CONCRETE WALL EXPANSION JOINT, PER DETAILS	FE+C/NR	NEW FIRE EXTINGUISHER, 10# ABC, RECESSED, NON-RATED CABINET W/ MOUNTING BRACKET, REFER TO FIRE EXTINGUISHER SCHEDULE
WEJ	WALL EXPANSION JOINT COVER, PER DETAILS	FE+BRKT	NEW FIRE EXTINGUISHER, 10# ABC, RECESSED, NON-RATED CABINET W/ MOUNTING BRACKET, REFER TO FIRE EXTINGUISHER SCHEDULE
FEJ	FLOOR EXPANSION JOINT COVER, PER DETAILS	W.S.	SOLID POLYMER WINDOW SILL, REF.: WINDOW DETAILS & SECTIONS
CEJ	CEILING EXPANSION JOINT COVER, PER DETAILS	H.L.B.	1" HORIZONTAL LOUVER BLINDS, 9 GAUGE, COMMERCIAL GRADE ALUMINUM, CUSTOM SIZE TO FIT INSIDE WINDOW OPENING
S.B. (O.F.O.I.)	"SMART BOARD" PROMETHEAN ACTIVPANEL OR SIMILAR OWNER FURNISHED, OWNER INSTALLED	R.S.	ROLLER SHADES, CUSTOM SIZE TO FIT INSIDE WINDOW OPENING
		FD	FLOOR DRAIN, REF.: PLUMBING DRAWINGS
		NCG	NEW CORNER GUARD, PER DETAILS
		NDS + NSB	NEW DOWN SPOUT + HEAVY-DUTY CONCRETE SPLASH BLOCK

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New Architectural Floor Plan - Base Bid, Alternate No.1 (Control Sim. Lab), & Alternate No.2 (Administration Area Renovations)

SCALE: 1/8" = 1'-0"

2

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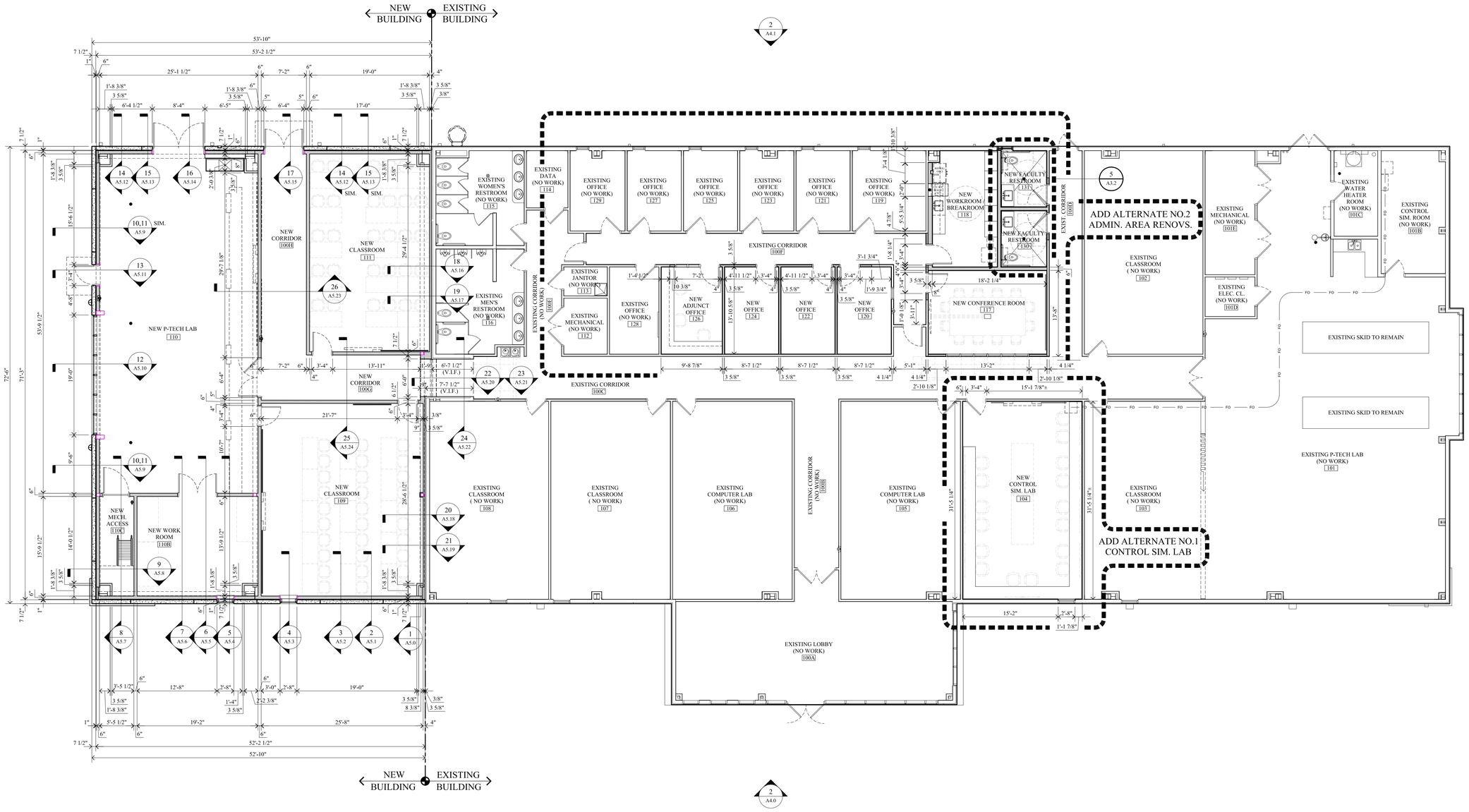
C.E.H. PROJECT NUMBER
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A2.1

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New Dimensioned Floor Plan - Base Bid, Alternate No.1 (Control Sim. Lab), & Alternate No.2 (Administration Area Renovations)

SCALE: 1/8" = 1'-0"

1

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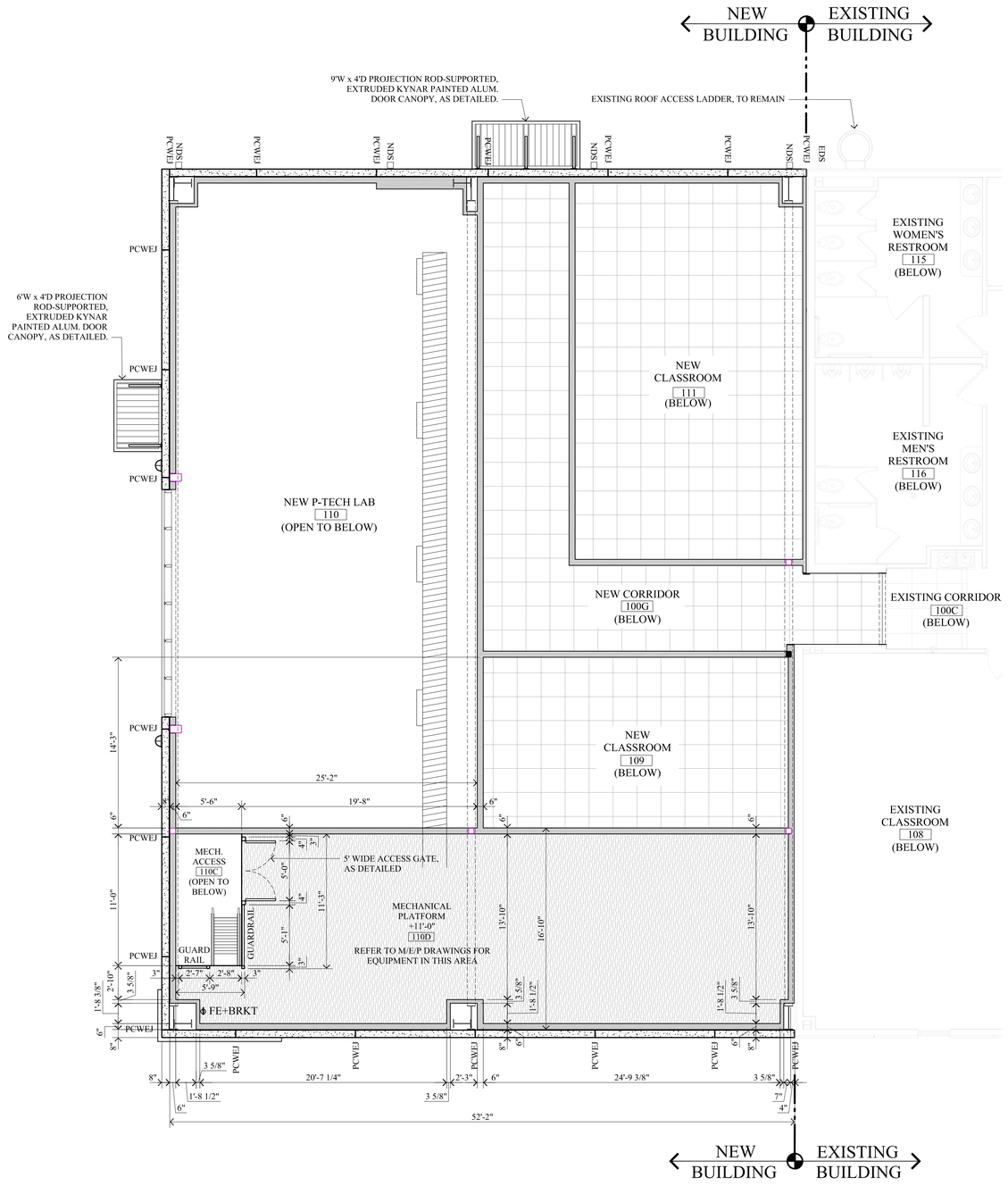
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A2.2

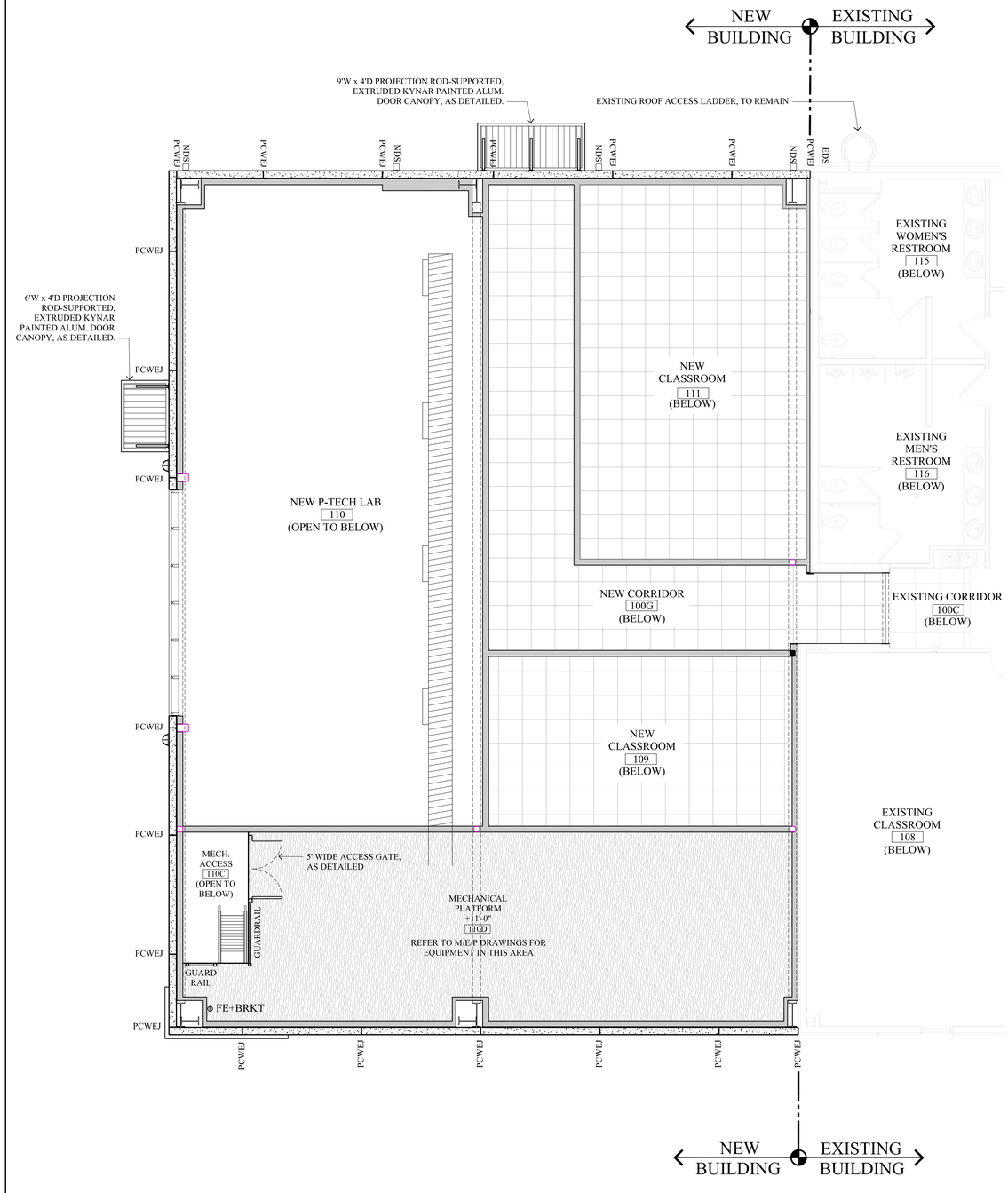
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Mechanical Platform - Dimensioned Floor Plan - Base Bid

SCALE: 3/16" = 1'-0"

1



Mechanical Platform - Architectural Floor Plan - Base Bid

SCALE: 3/16" = 1'-0"

2

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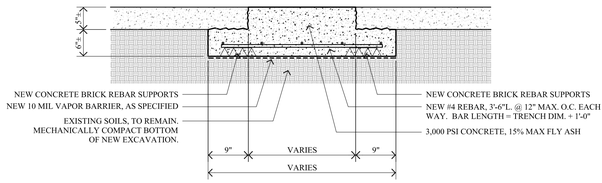
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A2.3

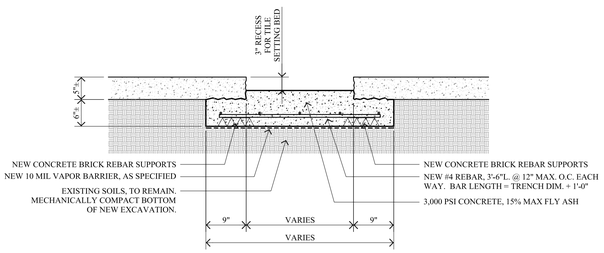
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Existing Slab Patch / Level Infill Detail

SCALE: 3/4" = 1'-0"

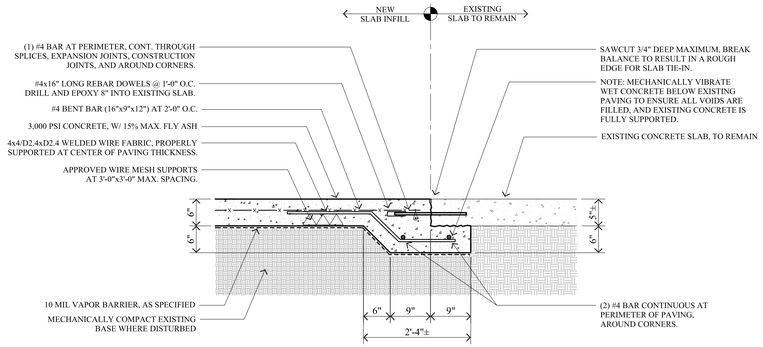
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Existing Slab Patch / Tile Setting Bed Recess Detail

SCALE: 3/4" = 1'-0"

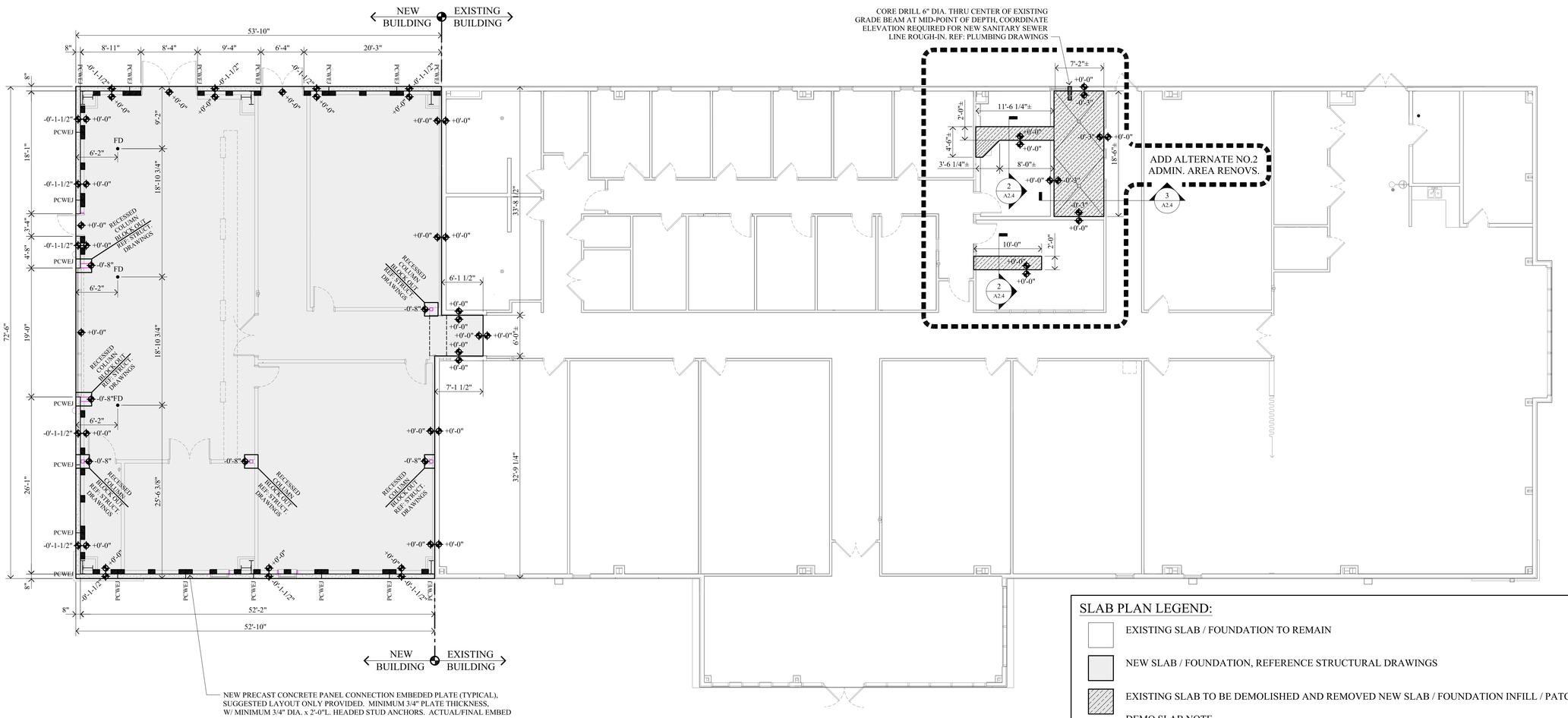
3



New Slab Infill / Patch Detail

SCALE: 3/4" = 1'-0"

4



Slab Plan - Base Bid & Alternate No.2 (Administration Area Renovations)

SCALE: 1/8" = 1'-0"

1

N

SLAB PLAN LEGEND:

- EXISTING SLAB / FOUNDATION TO REMAIN
- NEW SLAB / FOUNDATION, REFERENCE STRUCTURAL DRAWINGS
- EXISTING SLAB TO BE DEMOLISHED AND REMOVED NEW SLAB / FOUNDATION INFILL / PATCH, PER DETAILS 2,3,4/A2.4

DEMO SLAB NOTE
DEMOLISH, REMOVE AND DISPOSE OF EXISTING CONCRETE SLAB AT LOCATIONS INDICATED, AS REQUIRED FOR NEW M.E.P. ROUGH-IN. SCORE SLAB APPROXIMATELY 3/4" DEEP MAXIMUM. *DO NOT SAWCUT FULL DEPTH*. EXCAVATE, AS REQUIRED FOR NEW M/E/P ROUGH-INS. BACKFILL, GRADE, AND MECHANICALLY COMPACT FILL, BELOW SLAB TO ACCOMMODATE NEW SLAB THICKNESS AND SLAB RECESSED WHERE INDICATED. REFER TO M.E.P. DRAWINGS AND RESTROOM DETAILS FOR EXTENT OF DEMO & PATCH WORK REQUIRED.

NEW SLAB NOTE
NEW CONCRETE SLAB INFILL WITH INTEGRAL WATERPROOFING ADMIXTURE, PER DETAILS 2,3,4/A2.4. MECHANICALLY COMPACT EXISTING BASE TO 95% STANDARD PROCTOR. REFER TO ARCH. AND M.E.P. DRAWINGS FOR EXTENT OF DEMO & PATCH WORK REQUIRED. PROVIDE SLAB RECESS WHERE INDICATED.

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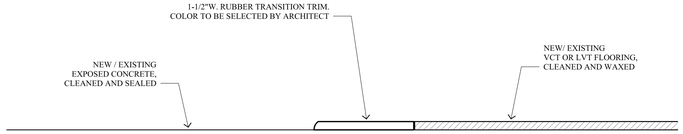
C.E.H. PROJECT NUMBER
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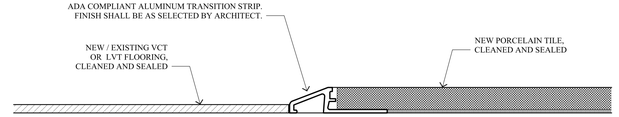
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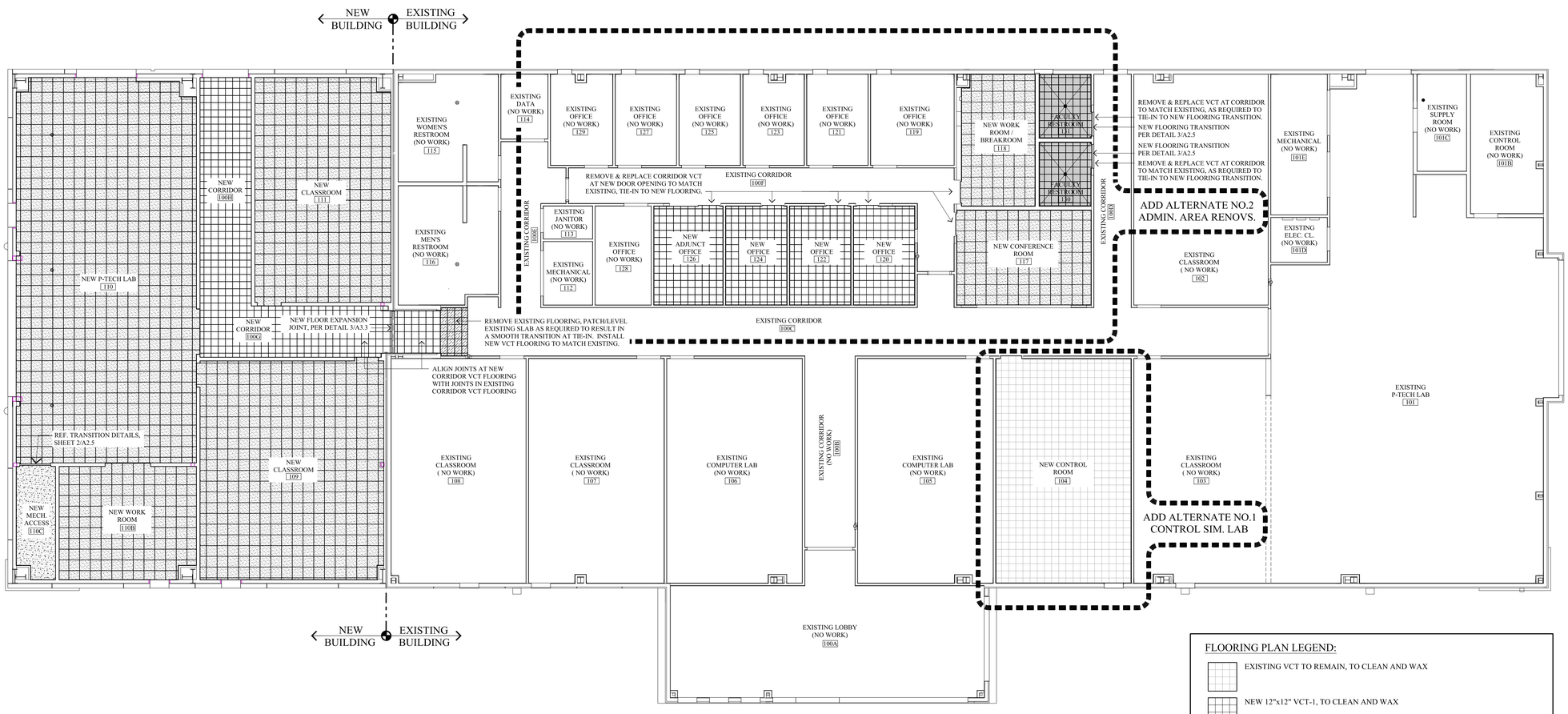
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Flooring Transition Detail - LVT to Sealed Conc. SCALE: 3"=1'-0" (2)



Flooring Transition Detail @ VCT/ LVT to Porc. Tile SCALE: 3"=1'-0" (3)



FLOORING PLAN LEGEND:

- EXISTING VCT TO REMAIN, TO CLEAN AND WAX
- NEW 12"x12" VCT-1, TO CLEAN AND WAX
- DEMO AND REMOVE EXISTING VCT FLOORING AND GLUE. PREP AND PATCH EXISTING SLAB AS REQUIRED TO RESULT IN A SMOOTH TRANSITION TO NEW ADDITION. INSTALL NEW 12"x12" VCT-1, TO CLEAN AND WAX.
- NEW 18"x18" LVT, CLEANED AND SEALED
- NEW 12"x12" PORCELAIN TILE, CLEANED AND SEALED
- NEW EXPOSED CONCRETE, SEALED

N

Flooring Plan - Base Bid, Alternate No.1 (Control Sim. Lab), & Alternate No.2 (Administration Area Renovations) SCALE: 1/8" = 1'-0" (1)

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PROCESS TECHNOLOGY BUILDING EXPANSION
for Sowela Technical Community College
3500 Senator J. Bennett Johnston Ave. | Lake Charles, LA 70615

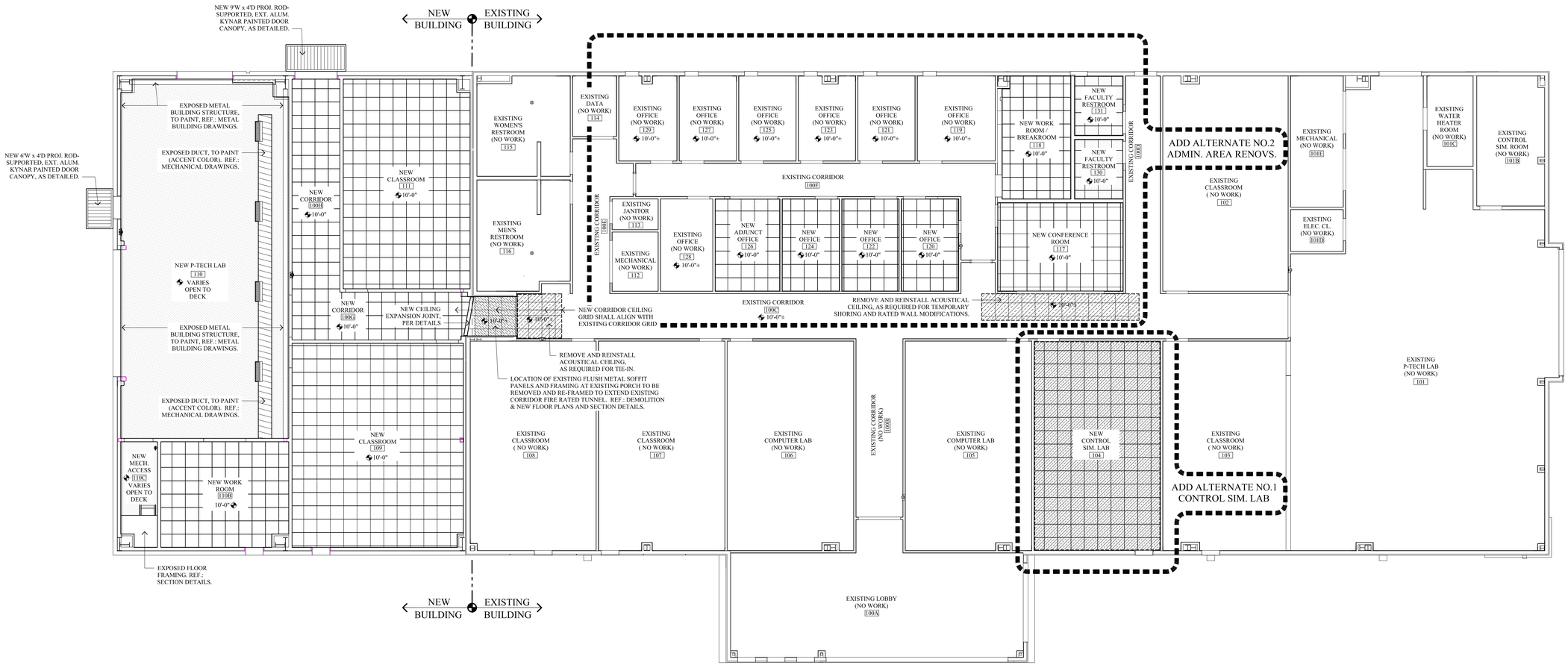
C.E.H. PROJECT NUMBER
2506

WILLIAM B. EVANS
Reg. No. 6845
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHAMPEAUX EVANS HOTARD, APAC
Drawings and Specifications as instruments of service are and shall remain the property of the Architect. They are not to be used on other projects or extensions to this project except by agreement in writing and with appropriate compensation to the Architect. Contractor is responsible for confirming and correlating dimensions at job site; the Architect will not be responsible for construction means, methods, techniques, sequences or procedures; or for safety precautions and programs in connection with the project.

A2.5

ISSUE DATE:
3 / 13 / 2026



CEILING TYPE LEGEND:

- ACT-1
  NEW 24"x24" SUSPENDED ACOUSTICAL CEILING GRID AND TILE SYSTEM (TYPE 1)
- ACT-2
  NEW 24"x24" SUSPENDED ACOUSTICAL CEILING GRID AND TILE SYSTEM (TYPE 2).
- NEW EXPOSED SIMPLE SAVER ROOF INSULATION SYSTEM. ALL EXPOSED STRUCTURE TO PAINT.
- EXISTING ACOUSTICAL CEILING GRID AND TILE SYSTEM AT THIS AREA TO BE CAREFULLY REMOVED, SALVAGED, AND REINSTALLED TO MATCH EXISTING CONFIGURATION, AS REQUIRED FOR NEW WORK. REF. DEMO & NEW FLOOR PLANS.
- EXISTING FLUSH METAL SOFFIT PANELS AND LIGHT GAUGE METAL FRAMING AT EXISTING PORCH TO BE REMOVED. AS REQUIRED FOR NEW WORK.
- EXISTING CEILING TO REMAIN (NO WORK)
  * ACOUSTICAL CEILING GRID AND TILE SYSTEM
  * LINEAR METAL CEILING SYSTEM @ EXISTING LOBBY 109A
  * EXPOSED SIMPLE SAVER SYSTEM @ EXISTING P-TECH LAB 101

N

Reflected Ceiling Plan - Base Bid, Alternate No.1 (Control Sim. Lab), & Alternate No.2 (Administration Area Renovations)

SCALE: 1/8" = 1'-0"

1

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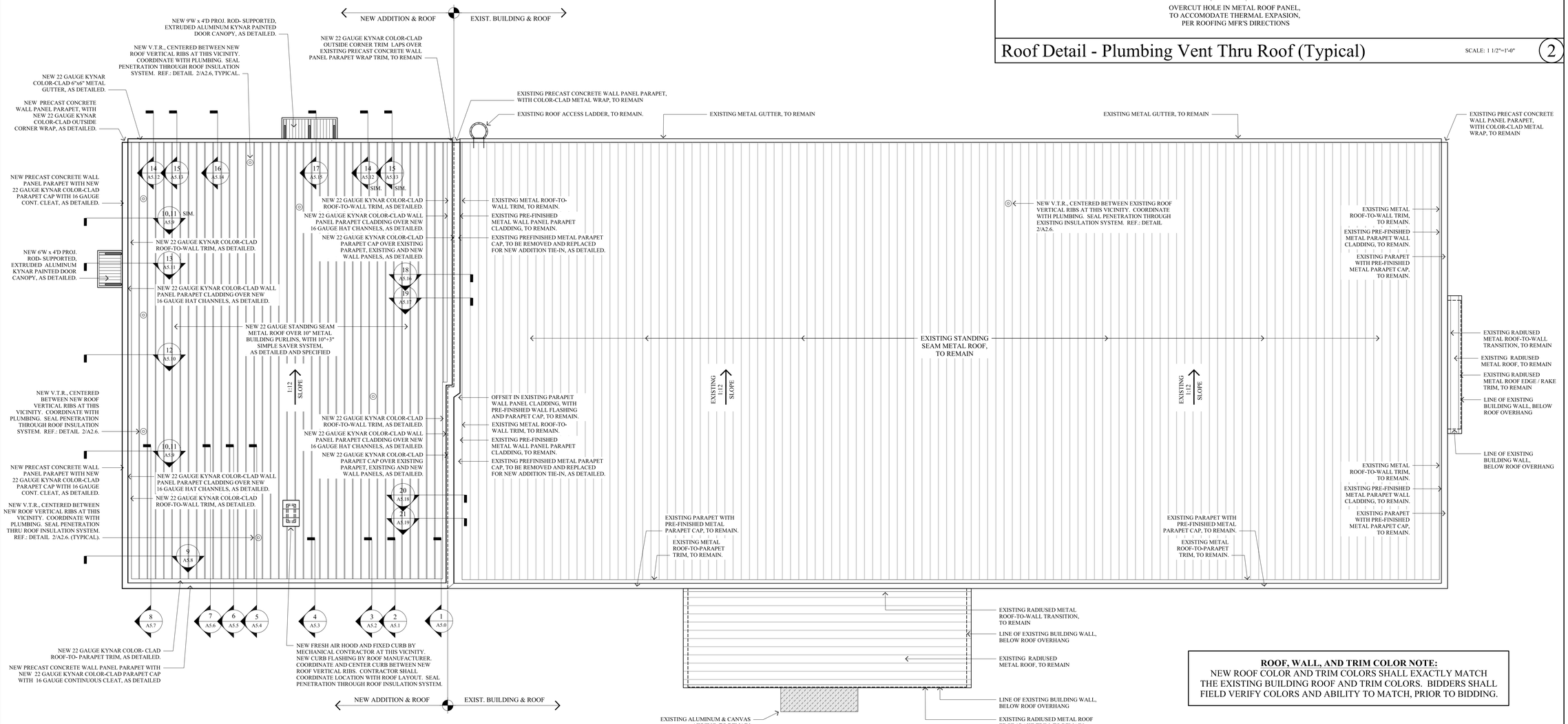
WILLIAM B. EVANS
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A2.6

ISSUE DATE:
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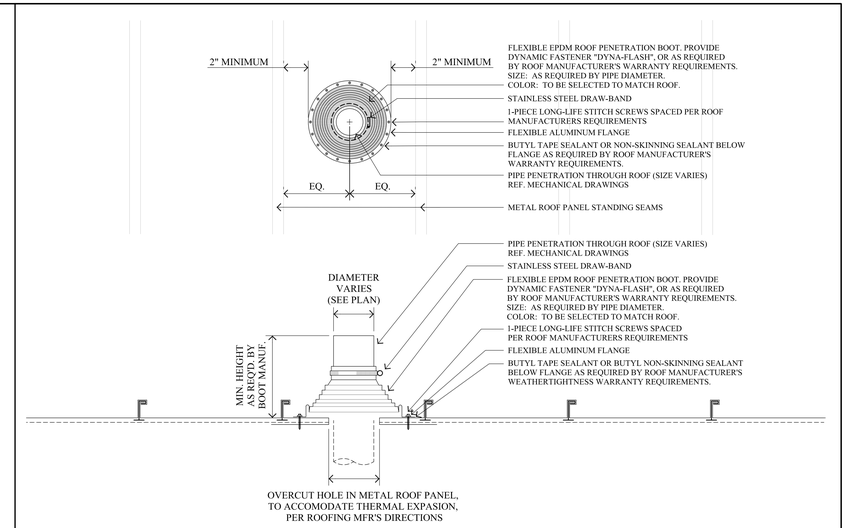
ROOF, WALL, AND TRIM COLOR NOTE:
NEW ROOF COLOR AND TRIM COLORS SHALL EXACTLY MATCH THE EXISTING BUILDING ROOF AND TRIM COLORS. BIDDERS SHALL FIELD VERIFY COLORS AND ABILITY TO MATCH, PRIOR TO BIDDING.



Roof Plan - Base Bid

SCALE: 1/8"=1'-0"

1



Roof Detail - Plumbing Vent Thru Roof (Typical)

SCALE: 1 1/2"=1'-0"

2

ROOF, WALL, AND TRIM COLOR NOTE:
NEW ROOF COLOR AND TRIM COLORS SHALL EXACTLY MATCH THE EXISTING BUILDING ROOF AND TRIM COLORS. BIDDERS SHALL FIELD VERIFY COLORS AND ABILITY TO MATCH, PRIOR TO BIDDING.

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C.E.H. PROJECT NUMBER
2506

WILLIAM B. EVANS
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CHAMPEAUX EVANS HOTARD, APAC
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A2.7

ISSUE DATE:
3 / 13 / 2026

Room Finish Schedule - Base Bid

SCALE: No Scale (1)

ROOM NUMBER / NAME	FLOOR	BASE	WALLS	CEILING	CLG. HT.	NOTES
100A EXISTING LOBBY	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING LINEAR SUSPENDED METAL CEILING SYSTEM TO REMAIN	VARIES	
100B EXISTING CORRIDOR	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	** SEE ALTERNATE NO.2 - ROOM FINISH SCHEDULE **
100C EXISTING CORRIDOR	EXISTING VCT TO REMAIN, COVER AND PROTECT AS REQUIRED, TO CLEAN & WAX	EXISTING 4" RUBBER BASE TO REMAIN REMOVE / PATCH / REINSTALL RUBBER BASE AS REQUIRED	EXISTING GYPSUM BOARD TO REMAIN, PATCH AS NECESSARY, REPAINT AFFECTED WALLS FROM CORNER TO CORNER + NEW 5/8" TYPE "X"/ IMPACT RATED M.M.R. GYP. BD., SMOOTH FINISH, TO PAINT AT MODIFIED WALLS. REFER TO DRAWINGS	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN REMOVE / REPLACE / MODIFY AS REQUIRED AT NEW WORK, REFER TO DRAWINGS	10'-0"	** SEE ALTERNATE NO.2 - ROOM FINISH SCHEDULE **
100D EXISTING CORRIDOR	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	** SEE ALTERNATE NO.2 - ROOM FINISH SCHEDULE **
100E EXISTING CORRIDOR	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	** SEE ALTERNATE NO.2 - ROOM FINISH SCHEDULE **
100F EXISTING CORRIDOR	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	** SEE ALTERNATE NO.2 - ROOM FINISH SCHEDULE **
100G NEW CORRIDOR	NEW VCT, CLEANED & SEALED	NEW 4" RUBBER BASE	NEW 5/8" TYPE "X" IMPACT RATED M.M.R. GYPSUM BOARD TO 4'-0" + 5/8" TYPE "X" M.M.R. ABOVE, SMOOTH FINISH, TO PAINT	NEW ACOUSTICAL CEILING TILE & GRID (ACT-1)	10'-0"	
100H NEW CORRIDOR	NEW VCT, CLEANED & SEALED	NEW 4" RUBBER BASE	NEW 5/8" TYPE "X" IMPACT RATED M.M.R. GYPSUM BOARD TO 4'-0" + 5/8" TYPE "X" M.M.R. ABOVE, SMOOTH FINISH, TO PAINT	NEW ACOUSTICAL CEILING TILE & GRID (ACT-1)	10'-0"	
101 EXISTING P-TECH LAB	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING EXPOSED STRUCTURE TO REMAIN	VARIES	
101B EXISTING CONTROL ROOM	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
101C EXISTING WATER HEATER ROOM	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
101D EXISTING ELECTRICAL CLOSET	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
101E EXISTING MECHANICAL	EXISTING EXPOSED CONCRETE TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING EXPOSED STRUCTURE TO REMAIN	VARIES	
102 EXISTING CLASSROOM	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
103 EXISTING CLASSROOM	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
104 EXISTING CLASSROOM	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	** SEE ALTERNATE NO.1 - ROOM FINISH SCHEDULE **
105 EXISTING CLASSROOM	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
106 EXISTING CLASSROOM	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
107 EXISTING CLASSROOM	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
108 EXISTING CLASSROOM	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
109 NEW CLASSROOM	NEW 18"x18" LVT, CLEANED & SEALED	NEW 4" RUBBER BASE	NEW 5/8" TYPE "X" IMPACT RATED M.M.R. GYPSUM BOARD TO 4'-0" + 5/8" TYPE "X" M.M.R. ABOVE, SMOOTH FINISH, TO PAINT	NEW ACOUSTICAL CEILING TILE & GRID (ACT-1)	10'-0"	
110 NEW P-TECH LAB	NEW 18"x18" LVT, CLEANED & SEALED	NEW 4" RUBBER BASE	NEW 5/8" TYPE "X" IMPACT RATED M.M.R. GYPSUM BOARD TO 4'-0" + 5/8" TYPE "X" M.M.R. ABOVE, SMOOTH FINISH, TO PAINT	OPEN TO DECK / EXPOSED STRUCTURE, TO PAINT	VARIES	
110B NEW WORK ROOM	NEW 18"x18" LVT, CLEANED & SEALED	NEW 4" RUBBER BASE	NEW 5/8" TYPE "X" IMPACT RATED M.M.R. GYPSUM BOARD TO 4'-0" + 5/8" TYPE "X" M.M.R. ABOVE, SMOOTH FINISH, TO PAINT	NEW ACOUSTICAL CEILING TILE & GRID (ACT-1)	9'-0"± *V.I.F.*	
110C NEW MECHANICAL ACCESS	NEW EXPOSED CONCRETE, SEALED	NEW 4" RUBBER BASE	NEW 5/8" TYPE "X" IMPACT RATED M.M.R. GYPSUM BOARD TO 4'-0" + 5/8" TYPE "X" M.M.R. ABOVE, SMOOTH FINISH, TO PAINT	OPEN TO DECK	VARIES	
110D NEW MECHANICAL PLATFORM	FIRE RETARDANT TREATED PLYWOOD (FRTW), SEALED	NONE	NEW 5/8" TYPE "X" IMPACT RATED M.M.R. GYPSUM BOARD TO 4'-0" + 5/8" TYPE "X" M.M.R. ABOVE, SMOOTH FINISH, TO PAINT	OPEN TO DECK / EXPOSED STRUCTURE	VARIES	
111 NEW CLASSROOM	NEW 18"x18" LVT, CLEANED & SEALED	NEW 4" RUBBER BASE	NEW 5/8" TYPE "X" IMPACT RATED M.M.R. GYPSUM BOARD TO 4'-0" + 5/8" TYPE "X" M.M.R. ABOVE, SMOOTH FINISH, TO PAINT	NEW ACOUSTICAL CEILING TILE & GRID (ACT-1)	10'-0"	
112 EXISTING MECHANICAL	EXISTING EXPOSED CONCRETE TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	OPEN TO DECK	VARIES	
113 EXISTING JANITOR	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
114 EXISTING DATA	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	** SEE ALTERNATE NO.2 - ROOM FINISH SCHEDULE **
115 EXISTING WOMEN'S RESTROOM	EXISTING MOSAIC TILE TO REMAIN	EXISTING MOSAIC TILE BASE TO REMAIN	EXISTING CERAMIC TILE OVER GYPSUM BOARD TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
116 EXISTING MEN'S RESTROOM	EXISTING MOSAIC TILE TO REMAIN	EXISTING MOSAIC TILE BASE TO REMAIN	EXISTING CERAMIC TILE OVER GYPSUM BOARD TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
117/118/130/131 EXISTING CLASSROOM	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	** SEE ALTERNATE NO.2 - ROOM FINISH SCHEDULE **
119 EXISTING OFFICE	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
120 EXISTING OFFICE	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
121 EXISTING OFFICE	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
122 EXISTING OFFICE	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
123 EXISTING OFFICE	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
124/126 EXISTING ADJUNCT OFFICE	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	** SEE ALTERNATE NO.2 - ROOM FINISH SCHEDULE **
125 EXISTING OFFICE	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
127 EXISTING OFFICE	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
128 EXISTING OFFICE	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
129 EXISTING OFFICE	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	

Room Finish Schedule - Alternate No.1

SCALE: No Scale (2)

ROOM NUMBER / NAME	FLOOR	BASE	WALLS	CEILING	CLG. HT.	NOTES
104 NEW CONTROL SIM. LAB	EXISTING VCT TO REMAIN, COVER AND PROTECT AS REQUIRED, TO CLEAN & WAX	NEW 4" RUBBER BASE	NEW 5/8" TYPE "X" IMPACT RATED M.M.R. GYPSUM BOARD TO 4'-0" + 5/8" TYPE "X" M.M.R. ABOVE, SMOOTH FINISH, TO PAINT	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN REMOVE / REPLACE / MODIFY AS REQUIRED AT NEW WORK, REFER TO DRAWINGS	10'-0"	

Room Finish Schedule - Alternate No.2

SCALE: No Scale (3)

ROOM NUMBER / NAME	FLOOR	BASE	WALLS	CEILING	CLG. HT.	NOTES
100B EXISTING CORRIDOR	EXISTING VCT TO REMAIN, COVER AND PROTECT AS REQUIRED, TO CLEAN & WAX	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD TO REMAIN. PAINT ALL NEW AND EXISTING WALLS AND DOOR FRAMES.	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN	10'-0"	
100C EXISTING CORRIDOR	EXISTING VCT TO REMAIN, COVER AND PROTECT AS REQUIRED REMOVE / PATCH / REINSTALL VCT AS REQUIRED, TO CLEAN & WAX	EXISTING 4" RUBBER BASE TO REMAIN REMOVE / PATCH / REINSTALL RUBBER BASE AS REQUIRED	EXISTING GYPSUM BOARD TO REMAIN, PATCH AND REFINISH AS NECESSARY + NEW 5/8" M.M.R. GYPSUM BOARD, SMOOTH FINISH. PAINT ALL NEW AND EXISTING WALLS AND DOOR FRAMES. REFER TO DRAWINGS	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN REMOVE / REPLACE / MODIFY AS REQUIRED AT NEW WORK, REFER TO DRAWINGS	10'-0"	
100D EXISTING CORRIDOR	EXISTING VCT TO REMAIN, COVER AND PROTECT AS REQUIRED REMOVE / PATCH / REINSTALL VCT AS REQUIRED, TO CLEAN & WAX	EXISTING 4" RUBBER BASE TO REMAIN REMOVE / PATCH / REINSTALL RUBBER BASE AS REQUIRED	EXISTING GYPSUM BOARD TO REMAIN, PATCH AND REFINISH AS NECESSARY + NEW 5/8" M.M.R. GYPSUM BOARD, SMOOTH FINISH. PAINT ALL NEW AND EXISTING WALLS AND DOOR FRAMES. REFER TO DRAWINGS	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN REMOVE / REPLACE / MODIFY AS REQUIRED AT NEW WORK, REFER TO DRAWINGS	10'-0"	
100E EXISTING CORRIDOR	EXISTING VCT TO REMAIN, COVER AND PROTECT AS REQUIRED, TO CLEAN & WAX	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD TO REMAIN. PAINT ALL NEW AND EXISTING WALLS AND DOOR FRAMES.	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN REMOVE / REPLACE / MODIFY AS REQUIRED AT NEW WORK, REFER TO DRAWINGS	10'-0"	
100F EXISTING CORRIDOR	EXISTING VCT TO REMAIN, COVER AND PROTECT AS REQUIRED REMOVE / PATCH / REINSTALL VCT AS REQUIRED, TO CLEAN & WAX	EXISTING 4" RUBBER BASE TO REMAIN REMOVE / PATCH / REINSTALL RUBBER BASE AS REQUIRED	EXISTING GYPSUM BOARD TO REMAIN, PATCH AND REFINISH AS NECESSARY + NEW 5/8" M.M.R. GYPSUM BOARD, SMOOTH FINISH. PAINT ALL NEW AND EXISTING WALLS AND DOOR FRAMES. REFER TO DRAWINGS	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN REMOVE / REPLACE / MODIFY AS REQUIRED AT NEW WORK, REFER TO DRAWINGS	10'-0"	
114 EXISTING DATA	EXISTING VCT TO REMAIN	EXISTING 4" RUBBER BASE TO REMAIN	EXISTING GYPSUM BOARD, PAINTED, TO REMAIN	EXISTING ACOUSTICAL CEILING TILE & GRID TO REMAIN REMOVE / REPLACE / MODIFY AS REQUIRED AT NEW WORK, REFER TO DRAWINGS	10'-0"	
117 NEW CONFERENCE ROOM	NEW 18"x18" LVT, CLEANED & SEALED	NEW 4" RUBBER BASE	NEW 5/8" TYPE "X" IMPACT RATED M.M.R. GYPSUM BOARD TO 4'-0" + 5/8" TYPE "X" M.M.R. ABOVE, SMOOTH FINISH, TO PAINT	NEW ACOUSTICAL CEILING TILE & GRID (ACT-1)	10'-0"	
118 NEW WORK ROOM / BREAK ROOM	NEW 18"x18" LVT, CLEANED & SEALED	NEW 4" RUBBER BASE	NEW 5/8" TYPE "X" IMPACT RATED M.M.R. GYPSUM BOARD TO 4'-0" + 5/8" TYPE "X" M.M.R. ABOVE, SMOOTH FINISH, TO PAINT	NEW ACOUSTICAL CEILING TILE & GRID (ACT-1)	10'-0"	
120 NEW OFFICE	NEW VCT, CLEANED & SEALED	NEW 4" RUBBER BASE	NEW 5/8" TYPE "X" IMPACT RATED M.M.R. GYPSUM BOARD TO 4'-0" + 5/8" TYPE "X" M.M.R. ABOVE, SMOOTH FINISH, TO PAINT	NEW ACOUSTICAL CEILING TILE & GRID (ACT-1)	10'-0"	
122 NEW OFFICE	NEW VCT, CLEANED & SEALED	NEW 4" RUBBER BASE	NEW 5/8" TYPE "X" IMPACT RATED M.M.R. GYPSUM BOARD TO 4'-0" + 5/8" TYPE "X" M.M.R. ABOVE, SMOOTH FINISH, TO PAINT	NEW ACOUSTICAL CEILING TILE & GRID (ACT-1)	10'-0"	
124 NEW OFFICE	NEW VCT, CLEANED & SEALED	NEW 4" RUBBER BASE	NEW 5/8" TYPE "X" IMPACT RATED M.M.R. GYPSUM BOARD TO 4'-0" + 5/8" TYPE "X" M.M.R. ABOVE, SMOOTH FINISH, TO PAINT	NEW ACOUSTICAL CEILING TILE & GRID (ACT-1)	10'-0"	
126 NEW ADJUNCT OFFICE	NEW VCT, CLEANED & SEALED	NEW 4" RUBBER BASE	NEW 5/8" TYPE "X" IMPACT RATED M.M.R. GYPSUM BOARD TO 4'-0" + 5/8" TYPE "X" M.M.R. ABOVE, SMOOTH FINISH, TO PAINT	NEW ACOUSTICAL CEILING TILE & GRID (ACT-1)	10'-0"	
130 NEW FACULTY RESTROOM	NEW 12"x12" PORCELAIN TILE, CLEANED & SEALED	NEW 6"H.x12"W. PORCELAIN COVE BASE, CLEANED & SEALED	NEW 24"W.x12"H. GLAZED PORCELAIN TILE, SEALED, OVER 5/8" CEMENT BACKER BOARD	NEW ACOUSTICAL CEILING TILE & GRID (ACT-2)	10'-0"	
131 NEW FACULTY RESTROOM	NEW 12"x12" PORCELAIN TILE, CLEANED & SEALED	NEW 6"H.x12"W. PORCELAIN COVE BASE, CLEANED & SEALED	NEW 24"W.x12"H. GLAZED PORCELAIN TILE, SEALED, OVER 5/8" CEMENT BACKER BOARD	NEW ACOUSTICAL CEILING TILE & GRID (ACT-2)	10'-0"	

CHAMPEAUX EVANS HOTARD
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PROCESS TECHNOLOGY BUILDING EXPANSION
for Sowela Technical Community College
3500 Senator J. Bennett Johnston Ave. | Lake Charles, LA 70615

C.E.H. PROJECT NUMBER
2506

WILLIAM B. EVANS
Reg. No. 8846
STATE OF LOUISIANA
REGISTERED ARCHITECT

CHAMPEAUX EVANS HOTARD, APAC
Drawings and Specifications as instruments of service are and shall remain the property of the Architect. They are not to be used on other projects or extensions to this project except by agreement in writing and with appropriate compensation to the Architect. Contractor is responsible for confirming and correlating dimensions at job site; the Architect will not be responsible for construction means, methods, techniques, sequences or procedures; or for safety precautions and programs in connection with the project.

A3.0

ISSUE DATE:
3 / 13 / 2026

Door Schedule - Base Bid

SCALE: No Scale (1)

OPENING NO.	OPENING TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR MATERIAL	DOOR GAUGE	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	FRAME GAUGE	FRAME RATING	NOTES
100A	--	6'-0" (PAIR)	7'-0"	EXISTING ALUMINUM / GLASS	--	CLEAR ANOD.	EXISTING ALUMINUM FRAME	CLEAR ANODIZED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
100B	--	6'-0" (PAIR)	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	20 M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
100D	--	3'-0"	7'-0"	EXISTING HOLLOW METAL DOOR, TO REMAIN	--	PAINTED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
100E	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	PAINTED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	45 M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID **REFER TO DOOR SCHEDULE - ALT. NO.2**
100F	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	PAINTED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	45M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID **REFER TO DOOR SCHEDULE - ALT. NO.2**
100H	A	6'-0" (PAIR)	7'-0"	NEW G90 GALVANIZED, INSULATED HOLLOW METAL DOOR	16	PAINTED	NEW G90 GALVANIZED HOLLOW METAL FRAME	PAINTED	14	--	
101A	--	6'-0" (PAIR)	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	20 M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
101B	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
101C	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
101D	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
101E	--	6'-0" (PAIR)	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
101F	--	6'-0" (PAIR)	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
101G	--	6'-0" (PAIR)	10'-0"	EXISTING HOLLOW METAL DOOR, TO REMAIN	--	PAINTED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
102	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	20 M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
103	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	20 M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
104	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	20 M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID **REFER TO DOOR SCHEDULE - ALT. NO.1**
105	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	20 M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
106	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	20 M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
107	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	20 M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
108	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	20 M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
109A	D1M	3'-0"	7'-0"	NEW SOLID CORE WOOD DOOR	--	STAINED	NEW A60 GALVANIZED HOLLOW METAL FRAME	PAINTED	16	45M	
109B	D1M	3'-0"	7'-0"	NEW SOLID CORE WOOD DOOR	--	STAINED	NEW A60 GALVANIZED HOLLOW METAL FRAME	PAINTED	16	--	
110A	H1	6'-0" (PAIR)	7'-0"	NEW SOLID CORE WOOD DOOR	--	STAINED	NEW A60 GALVANIZED HOLLOW METAL FRAME	PAINTED	16	45M	
110B	H1	6'-0" (PAIR)	7'-0"	NEW SOLID CORE WOOD DOOR	--	STAINED	NEW A60 GALVANIZED HOLLOW METAL FRAME	PAINTED	16	--	
110C	E	4'-0"	7'-0"	NEW SOLID CORE WOOD DOOR	--	STAINED	NEW A60 GALVANIZED HOLLOW METAL FRAME	PAINTED	16	--	
110E	B	3'-0"	7'-0"	NEW G90 GALVANIZED, INSULATED HOLLOW METAL DOOR	16	PAINTED	NEW G90 GALVANIZED HOLLOW METAL FRAME	PAINTED	14	--	
110F	C	8'-0" (PAIR)	8'-0"	NEW G90 GALVANIZED, INSULATED HOLLOW METAL DOOR	16	PAINTED	NEW G90 GALVANIZED HOLLOW METAL FRAME	PAINTED	14	--	
111	D1M	3'-0"	7'-0"	NEW SOLID CORE WOOD DOOR	--	STAINED	NEW A60 GALVANIZED HOLLOW METAL FRAME	PAINTED	16	45M	
112	--	6'-0" (PAIR)	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	20 M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
113	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	45 M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
114	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	20 M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
115	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	20 M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
116	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	20 M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
117	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	20 M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID **REFER TO DOOR SCHEDULE - ALT. NO.2**
119	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
120	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID **REFER TO DOOR SCHEDULE - ALT. NO.2**
121	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
122	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID **REFER TO DOOR SCHEDULE - ALT. NO.2**
123	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
124/126	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID **REFER TO DOOR SCHEDULE - ALT. NO.2**
125	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
127	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
128	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID
129	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED	--	--	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID

Door Schedule - Alternate No.1

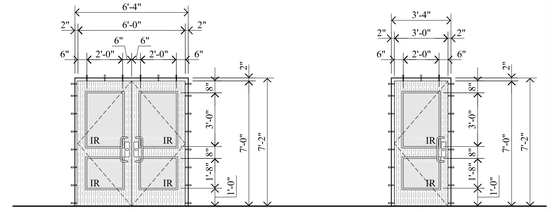
SCALE: No Scale (2)

OPENING NO.	OPENING TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR MATERIAL	DOOR GAUGE	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	FRAME GAUGE	FRAME RATING	NOTES
104	--	3'-0"	7'-0"	EXISTING SOLID CORE WOOD DOOR, TO REMAIN	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED / PREP & PAINT	--	20 M	REFER TO DOOR HARDWARE SCHEDULE FOR NEW HARDWARE IN BASE BID

Door Schedule - Alternate No.2

SCALE: No Scale (3)

OPENING NO.	OPENING TYPE	DOOR WIDTH	DOOR HEIGHT	DOOR MATERIAL	DOOR GAUGE	DOOR FINISH	FRAME MATERIAL	FRAME FINISH	FRAME GAUGE	FRAME RATING	NOTES
100E	D3	3'-0"	7'-0"	NEW SOLID CORE WOOD DOOR	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED / PREP & PAINT	--	45 M	DELETE DOOR HARDWARE SCHEDULED IN BASE BID / ADD DOOR HARDWARE SCHEDULED IN ALT. NO.2
100F	D3	3'-0"	7'-0"	NEW SOLID CORE WOOD DOOR	--	STAINED	EXISTING HOLLOW METAL FRAME, TO REMAIN	PAINTED / PREP & PAINT	--	45M	DELETE DOOR HARDWARE SCHEDULED IN BASE BID / ADD DOOR HARDWARE SCHEDULED IN ALT. NO.2
117	D2	3'-0"	7'-0"	NEW SOLID CORE WOOD DOOR	--	STAINED	NEW GALVANIZED HOLLOW METAL FRAME	PAINTED	16	--	DELETE DOOR HARDWARE SCHEDULED IN BASE BID / ADD DOOR HARDWARE SCHEDULED IN ALT. NO.2
118	D2	3'-0"	7'-0"	NEW SOLID CORE WOOD DOOR	--	STAINED	NEW GALVANIZED HOLLOW METAL FRAME	PAINTED	16	--	ADD DOOR HARDWARE SCHEDULED IN ALT. NO.2
120	D1W	3'-0"	7'-0"	NEW SOLID CORE WOOD DOOR	--	STAINED	NEW GALVANIZED HOLLOW METAL FRAME	PAINTED	16	--	DELETE DOOR HARDWARE SCHEDULED IN BASE BID / ADD DOOR HARDWARE SCHEDULED IN ALT. NO.2
122	D1W	3'-0"	7'-0"	NEW SOLID CORE WOOD DOOR	--	STAINED	NEW GALVANIZED HOLLOW METAL FRAME	PAINTED	16	--	DELETE DOOR HARDWARE SCHEDULED IN BASE BID / ADD DOOR HARDWARE SCHEDULED IN ALT. NO.2
124	D1W	3'-0"	7'-0"	NEW SOLID CORE WOOD DOOR	--	STAINED	NEW GALVANIZED HOLLOW METAL FRAME	PAINTED	16	--	DELETE DOOR HARDWARE SCHEDULED IN BASE BID / ADD DOOR HARDWARE SCHEDULED IN ALT. NO.2
126	G	3'-0"	7'-0"	NEW SOLID CORE WOOD DOOR	--	STAINED	NEW GALVANIZED HOLLOW METAL FRAME	PAINTED	16	--	DELETE DOOR HARDWARE SCHEDULED IN BASE BID / ADD DOOR HARDWARE SCHEDULED IN ALT. NO.2
130	D	3'-0"	7'-0"	NEW SOLID CORE WOOD DOOR	--	STAINED	NEW GALVANIZED HOLLOW METAL FRAME	PAINTED	16	45M	ADD DOOR HARDWARE SCHEDULED IN ALT. NO.2
131	D	3'-0"	7'-0"	NEW SOLID CORE WOOD DOOR	--	STAINED	NEW GALVANIZED HOLLOW METAL FRAME	PAINTED	16	45M	ADD DOOR HARDWARE SCHEDULED IN ALT. NO.2

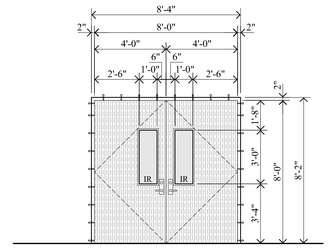


A

NEW G90 GALV. HOLLOW METAL FRAME
WITH E.O. JAMB AND HEAD ANCHORS
NEW G90 GALV. / INSULATED POLYURETHANE
FILLED HOLLOW METAL DOOR
METAL VIEW LITE KIT
W/ 9/16" GRAY TINTED,
IMPACT RATED GLAZING

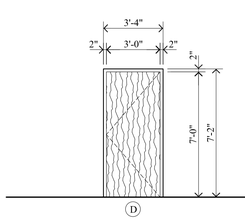
B

NEW G90 GALV. HOLLOW METAL FRAME
WITH E.O. JAMB AND HEAD ANCHORS
NEW G90 GALV. / INSULATED POLYURETHANE
FILLED HOLLOW METAL DOOR
METAL VIEW LITE KIT
W/ 9/16" GRAY TINTED,
IMPACT RATED GLAZING



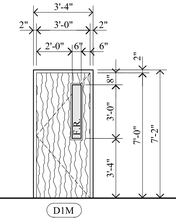
C

NEW G90 GALV. HOLLOW METAL FRAME
WITH E.O. JAMB & HEAD ANCHORS
NEW G90 GALV. / INSULATED POLYURETHANE
FILLED HOLLOW METAL DOOR
METAL VIEW LITE KIT
W/ 9/16" GRAY TINTED
IMPACT RATED GLAZING



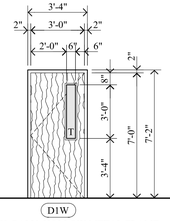
D

NEW A60 GALV. HOLLOW METAL FRAME
NEW PLAIN SLICED WHITE OAK
SOLID CORE WOOD DOOR,
CUSTOM STAIN TO MATCH EXISTING



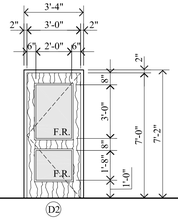
D1M

NEW A60 GALV. HOLLOW METAL FRAME
NEW PLAIN SLICED WHITE OAK
SOLID CORE WOOD DOOR,
CUSTOM STAIN TO MATCH EXISTING
METAL VIEW LITE KIT
W/ 1/4" CLEAR TEMPERED OR 9/16" CLEAR
FIRE RATED GLAZING WHERE REQUIRED



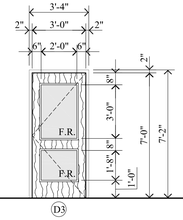
D1W

NEW A60 GALV. HOLLOW METAL FRAME
NEW PLAIN SLICED WHITE OAK
SOLID CORE WOOD DOOR,
CUSTOM STAIN TO MATCH EXISTING
SLIM LINE WOOD VIEW LITE KIT
W/ 1/4" CLEAR TEMPERED GLAZING



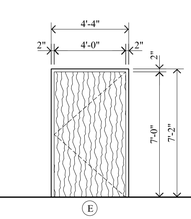
D2

NEW A60 GALV. HOLLOW METAL FRAME
NEW PLAIN SLICED WHITE OAK
SOLID CORE WOOD DOOR,
CUSTOM STAIN TO MATCH EXISTING
METAL VIEW LITE KIT
W/ 1/4" CLEAR TEMPERED OR 9/16" CLEAR
FIRE RATED GLAZING WHERE REQUIRED.



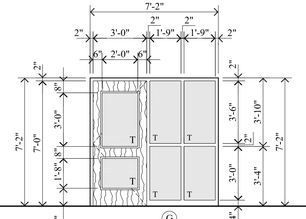
D3

EXISTING HOLLOW METAL FRAME, TO
REMAIN TO REMAIN
NEW PLAIN SLICED WHITE OAK
SOLID CORE WOOD DOOR,
CUSTOM STAIN TO MATCH EXISTING
METAL VIEW LITE KIT
W/ 1/4" CLEAR TEMPERED OR 9/16" CLEAR
FIRE RATED GLAZING WHERE REQUIRED



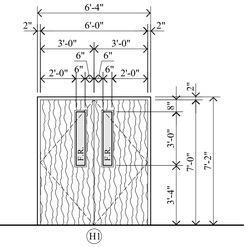
E

NEW A60 GALV. HOLLOW METAL FRAME
NEW PLAIN SLICED WHITE OAK
SOLID CORE WOOD DOOR,
CUSTOM STAIN TO MATCH EXISTING



G

NEW A60 GALV. HOLLOW METAL FRAME
NEW PLAIN SLICED WHITE OAK
SOLID CORE WOOD DOOR,
CUSTOM STAIN TO MATCH EXISTING
METAL VIEW LITE KIT
W/ 1/4" CLEAR TEMPERED GLAZING



H1

NEW A60 GALV. HOLLOW METAL FRAME
NEW PLAIN SLICED WHITE OAK
SOLID CORE WOOD DOOR,
CUSTOM STAIN TO MATCH EXISTING
METAL VIEW LITE KIT
W/1/4" CLEAR TEMPERED GLAZING OR 9/16"
CLEAR FIRE RATED GLAZING WHERE REQUIRED

Door Elevations

SCALE: 1/4"=1'-0" (4)

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C.E.H. PROJECT NUMBER
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A3.1

ISSUE DATE:
3 / 13 / 2026

Window Schedule - Base Bid - Building Addition

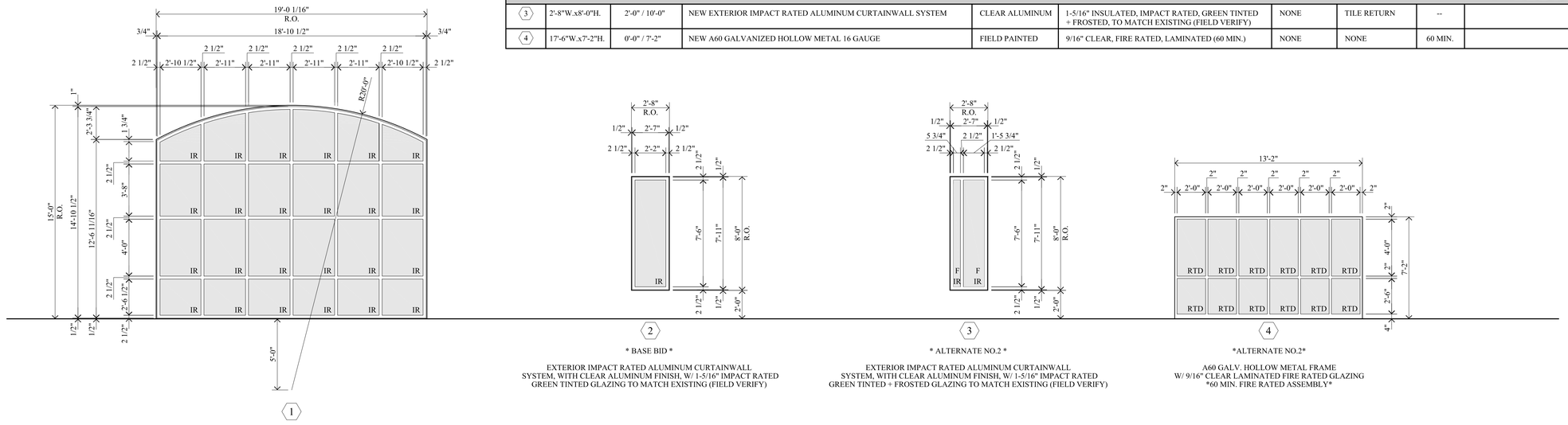
SCALE: No Scale (1)

MARK	SIZE	SILL HEIGHT / HEAD HEIGHT	DESCRIPTION	FINISH	GLAZING	EXT. TRIM	INT. TRIM	RATING	NOTES
1	19'-0"W.x16'-4"H.	0'-0" / 16'-4"	NEW EXTERIOR IMPACT RATED ALUMINUM CURTAINWALL SYSTEM	CLEAR ALUMINUM	1-5/16" INSULATED, IMPACT RATED, GREEN TINTED, TO MATCH EXISTING (FIELD VERIFY)	NONE	GYPSUM BOARD RETURN	--	
2	2'-8"W.x8'-0"H.	2'-0" / 10'-0"	NEW EXTERIOR IMPACT RATED ALUMINUM CURTAINWALL SYSTEM	CLEAR ALUMINUM	1-5/16" INSULATED, IMPACT RATED, GREEN TINTED, TO MATCH EXISTING (FIELD VERIFY)	NONE	GYPSUM BOARD RETURN	--	

Window Schedule - Alternate No.2 - Admin. Area Renovations

SCALE: No Scale (2)

3	2'-8"W.x8'-0"H.	2'-0" / 10'-0"	NEW EXTERIOR IMPACT RATED ALUMINUM CURTAINWALL SYSTEM	CLEAR ALUMINUM	1-5/16" INSULATED, IMPACT RATED, GREEN TINTED + FROSTED, TO MATCH EXISTING (FIELD VERIFY)	NONE	TILE RETURN	--	
4	17'-6"W.x7'-2"H.	0'-0" / 7'-2"	NEW A60 GALVANIZED HOLLOW METAL 16 GAUGE	FIELD PAINTED	9/16" CLEAR, FIRE RATED, LAMINATED (60 MIN.)	NONE	NONE	60 MIN.	



1

BASE BID

EXTERIOR IMPACT RATED ALUMINUM CURTAINWALL
SYSTEM, WITH CLEAR ALUMINUM FINISH, W/ 1-5/16" IMPACT RATED
GREEN TINTED GLAZING TO MATCH EXISTING (FIELD VERIFY)

2

* BASE BID *

EXTERIOR IMPACT RATED ALUMINUM CURTAINWALL
SYSTEM, WITH CLEAR ALUMINUM FINISH, W/ 1-5/16" IMPACT RATED
GREEN TINTED GLAZING TO MATCH EXISTING (FIELD VERIFY)

3

* ALTERNATE NO.2 *

EXTERIOR IMPACT RATED ALUMINUM CURTAINWALL
SYSTEM, WITH CLEAR ALUMINUM FINISH, W/ 1-5/16" IMPACT RATED
GREEN TINTED + FROSTED GLAZING TO MATCH EXISTING (FIELD VERIFY)

4

ALTERNATE NO.2

A60 GALV. HOLLOW METAL FRAME
W/ 9/16" CLEAR LAMINATED FIRE RATED GLAZING
60 MIN. FIRE RATED ASSEMBLY

Window Schedules

SCALE: 1/4"=1'-0" (3)

Fire Extinguisher Schedule

SYMBOL		
FE-C/NR	FIRE EXTINGUISHER -	CABINET MOUNTED, NON-RATED CABINET
	J. L. INDUSTRIES	EXTINGUISHER: COSMIC 10E, 10#, 4A:80BC, CABINET STYLE: "CLEAR VU", MODEL NO.1525F25, FLAT TRIM, 4" RECESS, NON-RATED SATIN ALUMINUM FINISH
	LARSENS	EXTINGUISHER: MP10, 10#, 4A:80BC, CABINET STYLE: "CAMEO", MODEL NO. AL-C2409-R , FLAT TRIM, 4" RECESS, NON-RATED SATIN ALUMINUM FINISH
FE-C/RTD	FIRE EXTINGUISHER -	CABINET MOUNTED, RATED CABINET
	J. L. INDUSTRIES	EXTINGUISHER: COSMIC 10E, 10#, 4A:80BC, CABINET STYLE: "CLEAR VU", MODEL NO.1525F25FX, FLAT TRIM, 4" RECESS, RATED, SATIN ALUMINUM FINISH
	LARSENS	EXTINGUISHER: MP10, 10#, 4A:80BC, CABINET STYLE: "CAMEO", MODEL NO. FSC2409-5R FLAT TRIM, 4" RECESS, RATED, SATIN ALUMINUM FINISH
FE-B	FIRE EXTINGUISHER -	BRACKET MOUNTED
	J. L. INDUSTRIES	EXTINGUISHER: COSMIC 10E, 10#, 4A:80BC, STANDARD BRACKET MOUNTING
	LARSENS	EXTINGUISHER: MP10, 10#, 4A:80BC, STANDARD BRACKET MOUNTING

NOTE: 1. FIRE EXTINGUISHER CABINET ROUGH-IN SHALL BE 4'-0" A.F.F. TO TOP OF CABINET BLOCKOUT.
2. BRACKET MOUNTED FIRE EXTINGUISHERS SHALL BE INSTALLED AT 3'-10" A.F.F. TO TOP OF FIRE EXTINGUISHER.

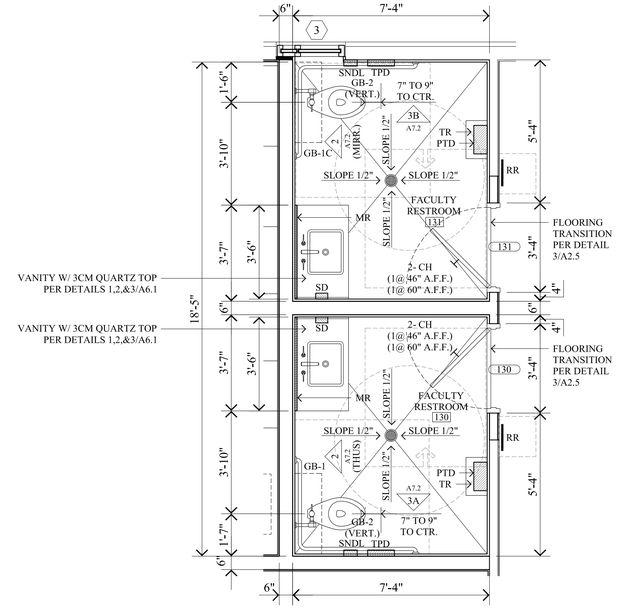
Fire Extinguisher and Cabinet Schedule

SCALE: 1-1/2"=1'-0" (4)

ITEM MARK	DESCRIPTION	MANUF/ MODEL #	FACULTY RESTROOM 130	FACULTY RESTROOM 131
GB-1	GRAB BAR 54" x 42" (HORIZONTAL)	BOBRICK B-6897 (54" x 42")	1	--
GB-1C	CUSTOM GRAB BAR 54"x42" (HORIZONTAL) W/4 WALL MOUNT BRACKETS, 2@ REAR WALL + 2 @ SIDE WALL AS REQUIRED TO MISS WINDOW	BOBRICK 6800 CUSTOM (54"x72")	--	1
GB-2	GRAB BAR 18" (VERTICAL)	BOBRICK B-6806 (18")	1	1
TPD	TOILET PAPER HOLDER, 2 ROLL	O.F.C.I.	1	1
SNDL	SANITARY NAPKIN DISPOSAL	BOBRICK B-254	1	1
PTD	PAPER TOWEL DISPENSER	OFCI	1	1
SD	SOAP DISPENSER	OFCI	1	1
MR	1/4" SHEET MIRROR W/ POLISHED EDGES	42"W X 42"H (V.I.F.)	1	1
CH	COAT HOOK	BOBRICK B-76727	2	2
TR	TRASH RECEPTACLE, SURFACE-MOUNTED, 20 GAL.	BOBRICK B-275	1	1

NOTES:

1. PROVIDE SOLID 2X WOOD BLOCKING IN WALL AT ALL TOILET ACCESSORY LOCATIONS.
2. VERIFY MOUNTING HEIGHTS FOR ALL RESTROOM ACCESSORIES WITH ARCHITECT PRIOR TO INSTALLATION.



Toilet Accessories Schedule & Enlargled Restroom Layouts - Alternate No.2

SCALE: 3/8"=1'-0" (5)

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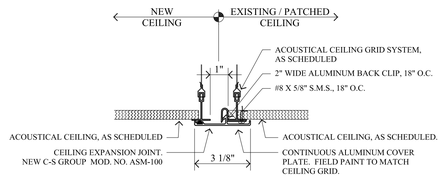
C.E.H. PROJECT NUMBER
2506

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A3.2

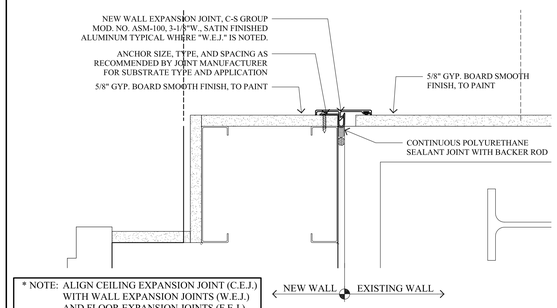
ISSUE DATE:
3 / 13 / 2026



* NOTE: ALIGN CEILING EXPANSION JOINT (C.E.J.) WITH WALL EXPANSION JOINTS (W.E.J.) AND FLOOR EXPANSION JOINTS (F.E.J.) WHERE INDICATED

Ceiling Expansion Joint "C.E.J."

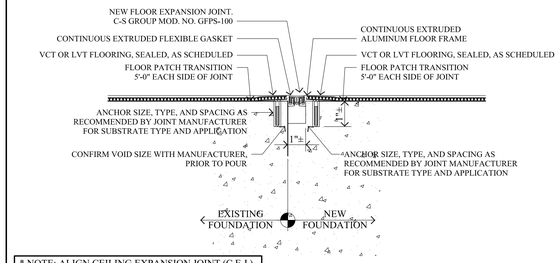
SCALE: 3"=1'-0" (1)



* NOTE: ALIGN CEILING EXPANSION JOINT (C.E.J.) WITH WALL EXPANSION JOINTS (W.E.J.) AND FLOOR EXPANSION JOINTS (F.E.J.) WHERE INDICATED

Wall Expansion Joint Detail (W.E.J.)

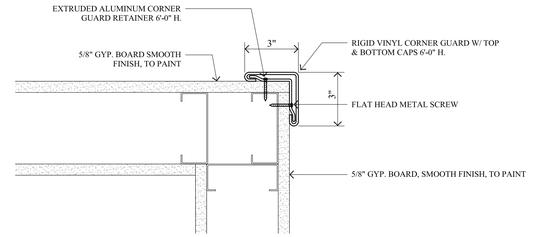
SCALE: 3"=1'-0" (2)



* NOTE: ALIGN CEILING EXPANSION JOINT (C.E.J.) WITH WALL EXPANSION JOINTS (W.E.J.) AND FLOOR EXPANSION JOINTS (F.E.J.) WHERE INDICATED

Floor Expansion Joint "F.E.J."

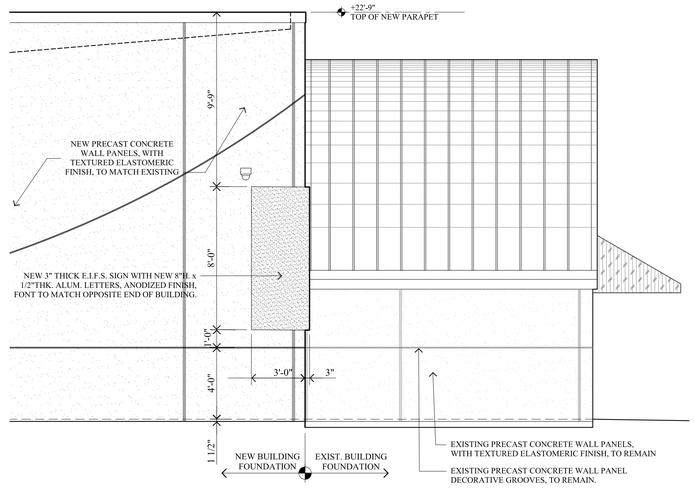
SCALE: 3"=1'-0" (3)



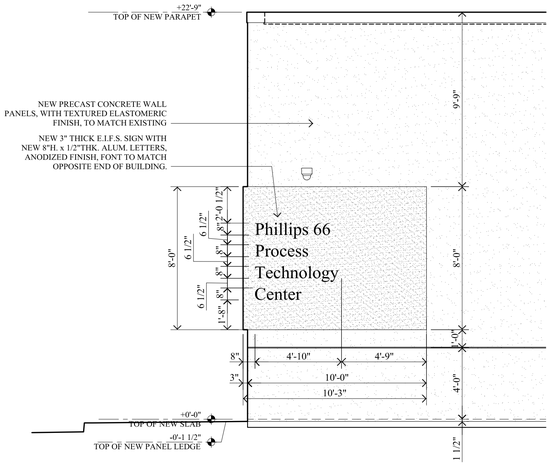
*NOTES:
1. PROVIDE 3"x3"x6'-0"H. CORNER GUARDS AT OUTSIDE CORNERS WHERE INDICATED, EXCEPT AS NOTED BELOW.
2. PROVIDE (2) 3"x2"x6'-0"H. CORNER GUARDS AT END OF WALL ADJACENT TO E.W.C. IN CORRIDOR 109C.
3. PROVIDE (2) 3"x2"x6'-0"H. CORNER GUARDS AT END OF WALL ADJACENT TO WASH STATION IN EXISTING P-TECH LAB 101C. FIELD CUT TO FIT TIGHT TO BOTTOM OF EXISTING LOW WALL CAP.
4. CORNER GUARDS SHALL BE INSTALLED IMMEDIATELY ABOVE BASE, AS SCHEDULED FOR ROOM.

Corner Guard Detail "CG"

SCALE: 3"=1'-0" (4)



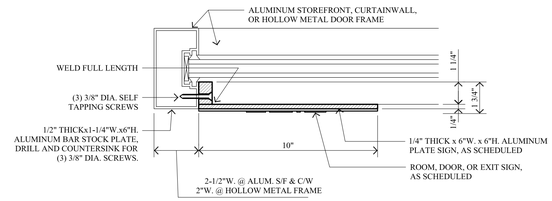
SOUTH SIDE ENLARGED EXTERIOR ELEVATION
REF. EXTERIOR ELEVATIONS ON A4.0



EAST SIDE ENLARGED EXTERIOR ELEVATION
REF. EXTERIOR ELEVATIONS ON A4.0

Building Sign Enlarged Detail

SCALE: 1/4"=1'-0" (5)



NOTE: POWDERCOAT SIGN BRACKET TO MATCH ADJACENT ALUMINUM OR HOLLOW METAL DOOR FRAME COLOR

Sign Bracket Detail @ Sign Type "X/B"

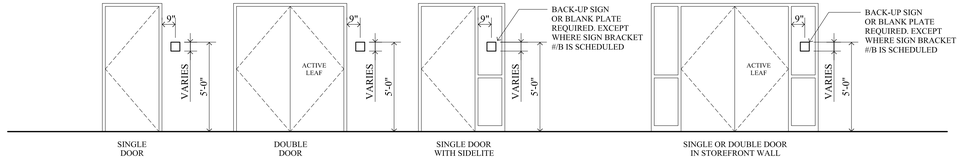
SCALE: 3"=1'-0" (6)

SIGNAGE INSTALLATION NOTE:

MOUNT ALL A.D.A. COMPLIANT SIGNAGE AT 5'-0" (60") TO THE TOP OF THE SIGN, ABOVE FINISHED FLOOR, AND 9" FROM THE INSIDE EDGE OF THE DOOR OPENING, AT THE STRIKE SIDE, UNLESS NOTED OTHERWISE.

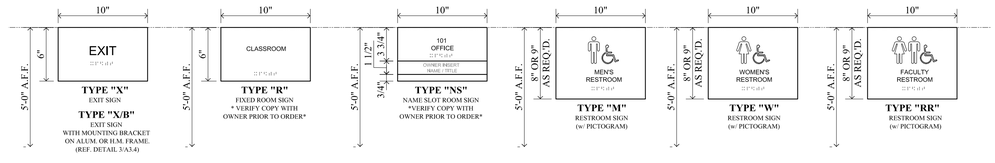
REFER TO MOUNTING DIAGRAMS FOR MOUNTING AT DOUBLE DOORS, SIDELITE FRAMES, AND GLASS/STOREFRONT WALLS.

WHERE A CONFLICT EXISTS WITH AN ADJACENT WALL , DOOR, OR OTHER OBSTRUCTION, CONSULT THE ARCHITECT, PRIOR TO INSTALLATION.



Interior Room & Exit Sign Installation Details

SCALE: 1-1/2"=1'-0" (7)



SYMBOL	DESCRIPTION	SIZE	MODEL
R	ROOM NAME/ NUMBER	6" x 10"	BEST SIGN SYSTEMS 'GRAPHIC BLAST' OR MOHAWK SIGN SYSTEMS 200A SAND CARVED
R/B	ROOM NAME/ NUMBER	6" x 10"	BEST SIGN SYSTEMS 'GRAPHIC BLAST' OR MOHAWK SIGN SYSTEMS 200A SAND CARVED
NS	ROOM NAME/ NO. W/ INSERT SLOT	6" x 10"	BEST SIGN SYSTEMS 'GRAPHIC BLAST' OR MOHAWK SIGN SYSTEMS 200A SAND CARVED
NS/B	ROOM NAME/ NO. W/ INSERT SLOT	6" x 10"	BEST SIGN SYSTEMS 'GRAPHIC BLAST' OR MOHAWK SIGN SYSTEMS 200A SAND CARVED
RR	RESTROOM (w/ SYMBOLS)	8" OR 9" x 10"	BEST SIGN SYSTEMS 'GRAPHIC BLAST' OR MOHAWK SIGN SYSTEMS 200A SAND CARVED
M	MEN'S RESTROOM (w/ SYMBOLS)	8" OR 9" x 10"	BEST SIGN SYSTEMS 'GRAPHIC BLAST' OR MOHAWK SIGN SYSTEMS 200A SAND CARVED
W	WOMEN'S RESTROOM (w/ SYMBOLS)	8" OR 9" x 10"	BEST SIGN SYSTEMS 'GRAPHIC BLAST' OR MOHAWK SIGN SYSTEMS 200A SAND CARVED
X	EXIT	6" x 10"	BEST SIGN SYSTEMS 'GRAPHIC BLAST' OR MOHAWK SIGN SYSTEMS 200A SAND CARVED
X/B	EXIT	6" x 10"	BEST SIGN SYSTEMS 'GRAPHIC BLAST' OR MOHAWK SIGN SYSTEMS 200A SAND CARVED + MOUNTING BRACKET PER DETAIL 5/A3.2

Interior Room & Exit Sign Schedule

SCALE: 1-1/2"=1'-0" (8)

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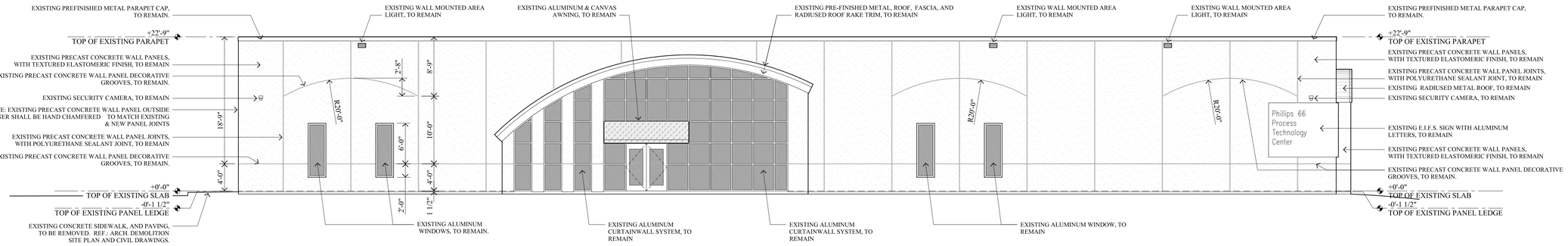
C.E.H. PROJECT NUMBER
2506

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A3.3

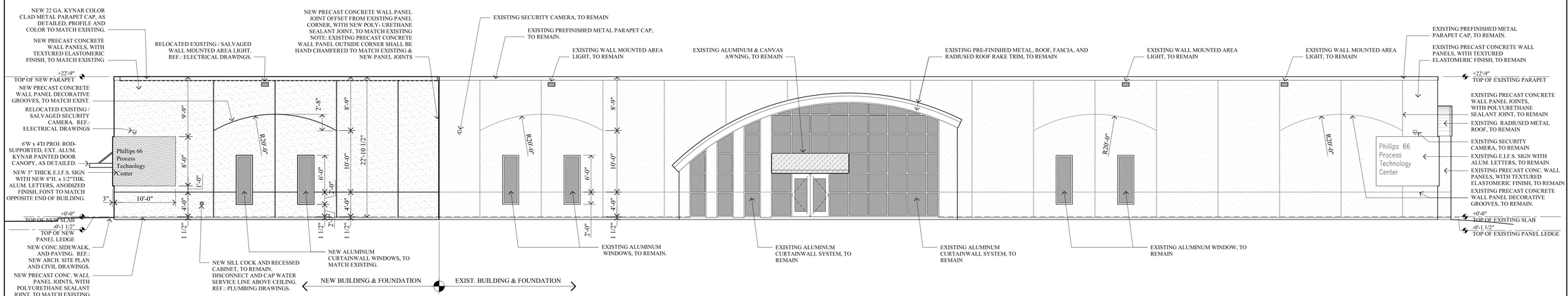
ISSUE DATE:
3 / 13 / 2026



Existing / Demo East Exterior Elevation

SCALE: 1/8" = 1'-0"

1



New East Exterior Elevation

SCALE: 1/8" = 1'-0"

2

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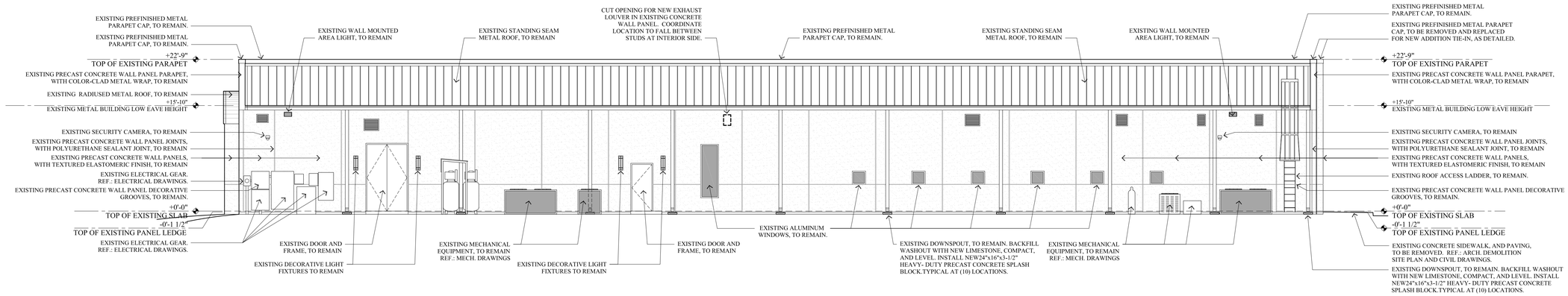
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A4.0

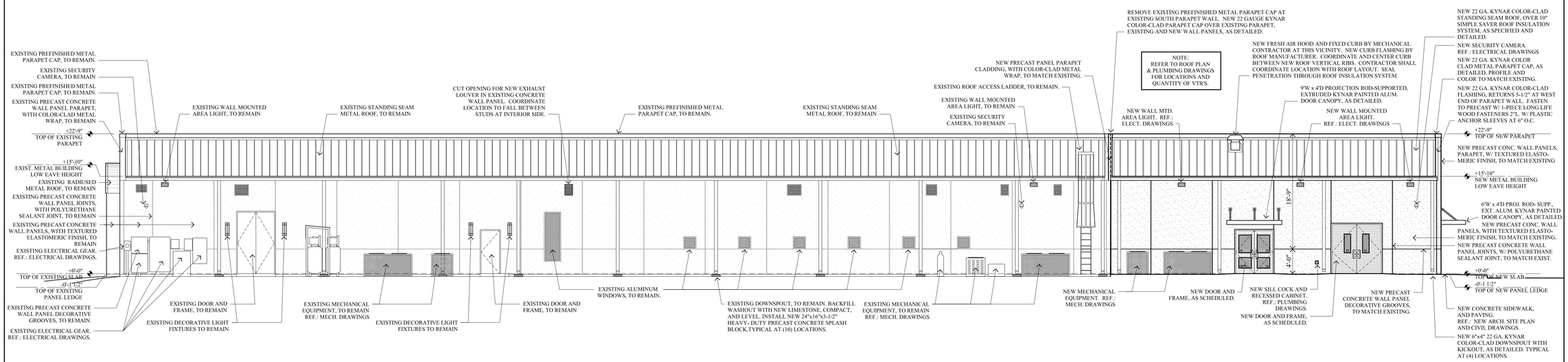
ISSUE DATE:
3 / 13 / 2026



Existing / Demo West Exterior Elevation

SCALE: 1/8" = 1'-0"

1



New West Exterior Elevation

SCALE: 1/8" = 1'-0"

2

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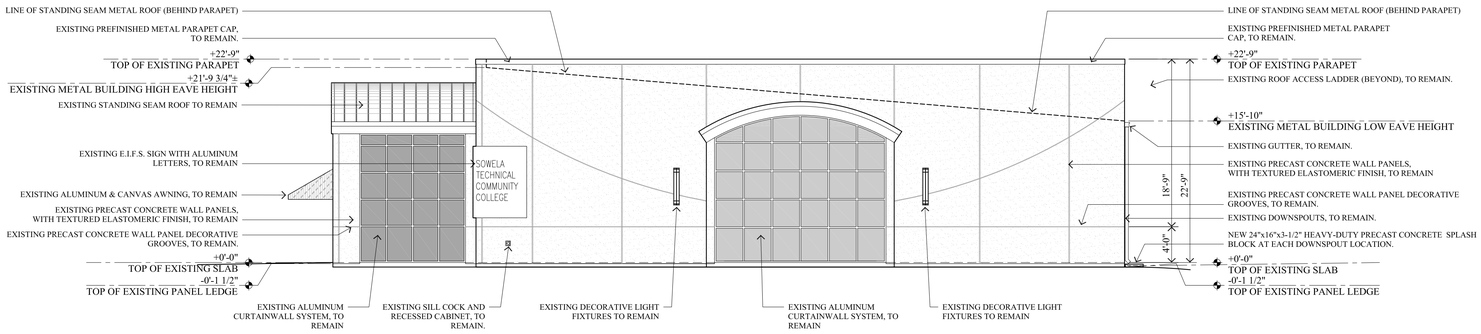
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A4.1

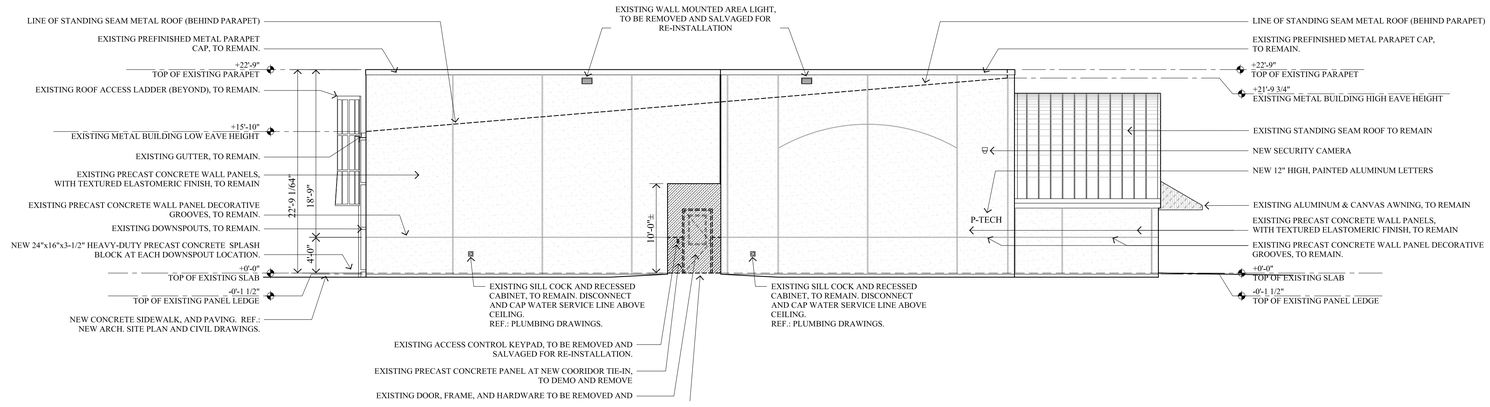
ISSUE DATE:
3 / 13 / 2026



Existing North Exterior Elevation (No work)

SCALE: 1/8" = 1'-0"

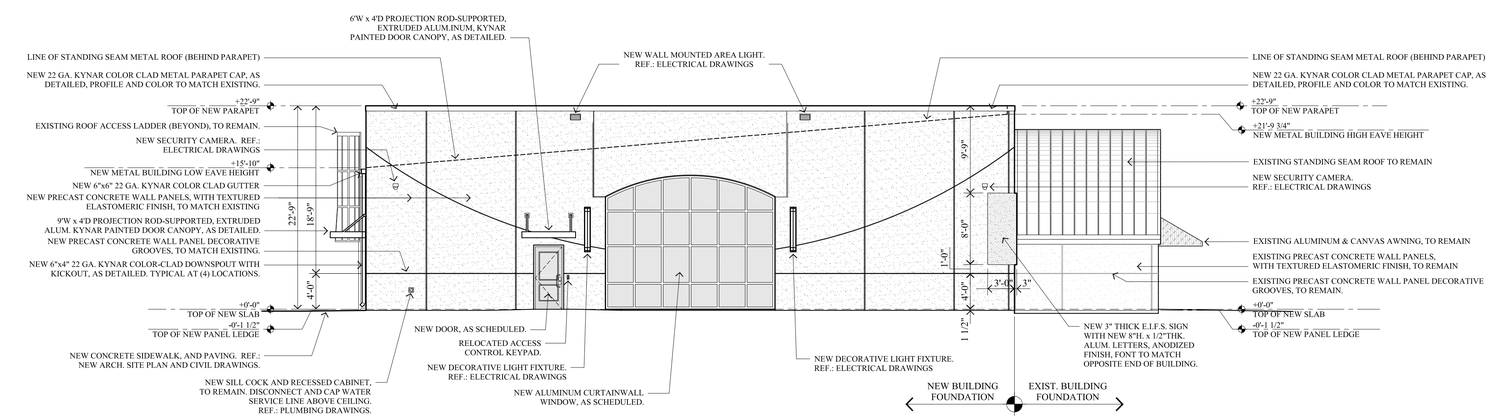
1



Existing / Demo South Exterior Elevation

SCALE: 1/8" = 1'-0"

2



New South Exterior Elevation

SCALE: 1/8" = 1'-0"

3

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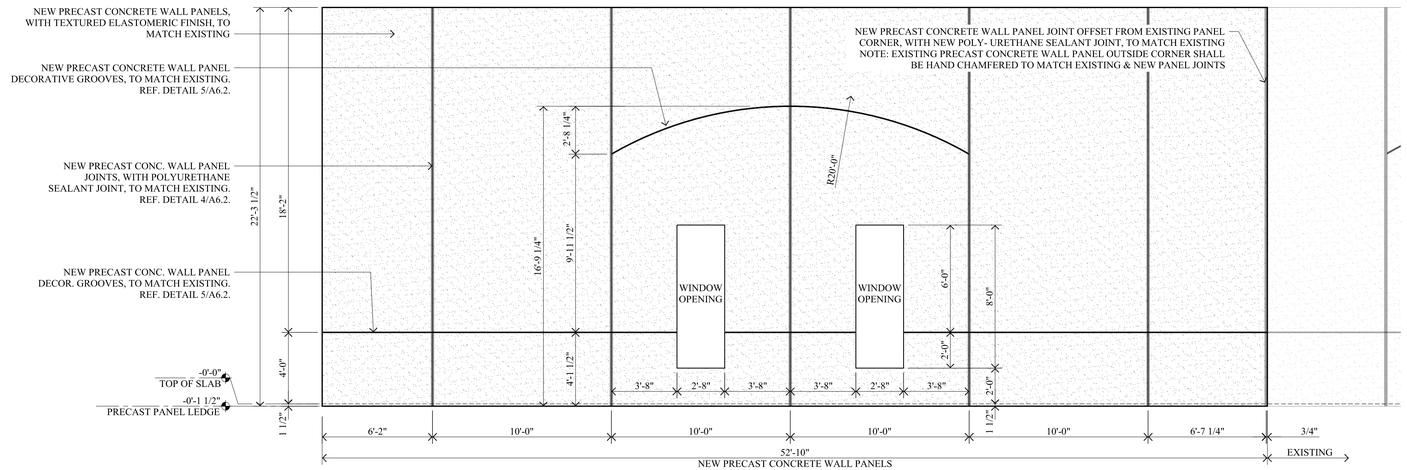
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A4.2

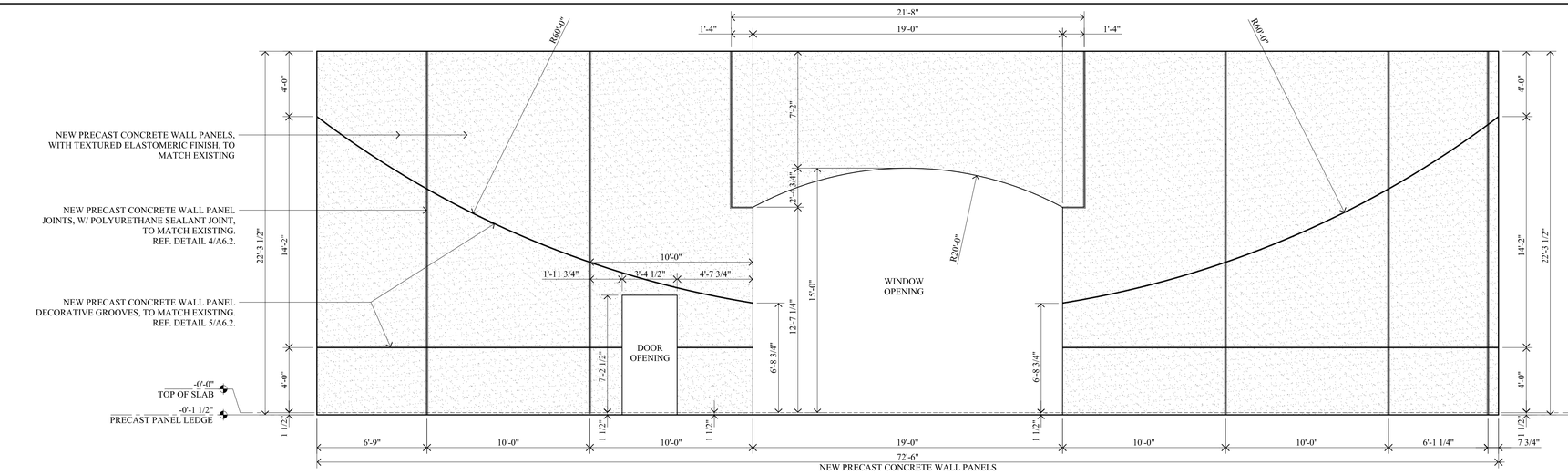
ISSUE DATE:
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New East Exterior Elevation - Precast Concrete Wall Panels

SCALE: 1/4"=1'-0"

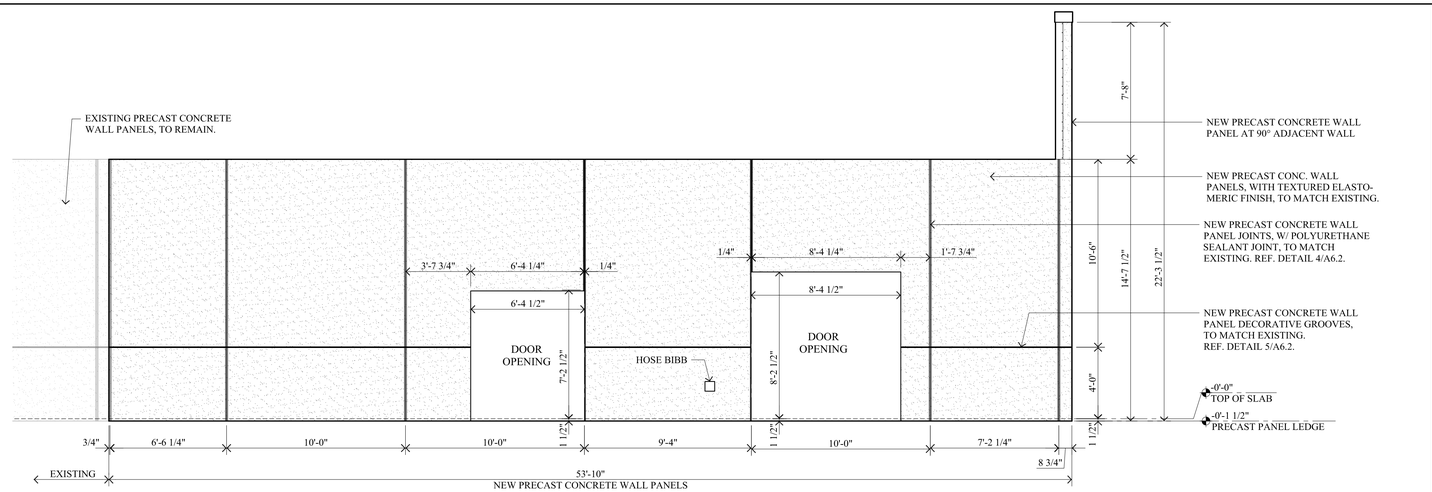
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New South Exterior Elevation - Precast Concrete Wall Panels

SCALE: 1/4"=1'-0"

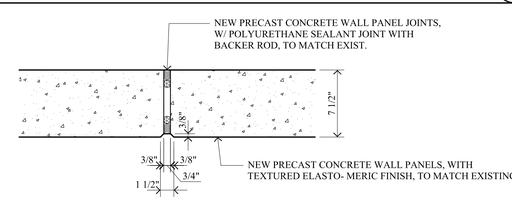
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New West Exterior Elevation - Precast Concrete Wall Panels

SCALE: 1/4"=1'-0"

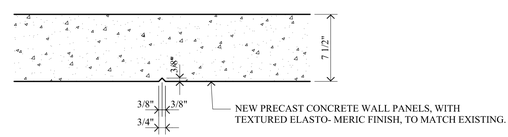
3



Precast Concrete Wall Panel Joint Detail (Vertical)

SCALE: 1-1/2"=1'-0"

4



Precast Conc. Wall Deco. Groove Detail (Horizontal)

SCALE: 1-1/2"=1'-0"

5

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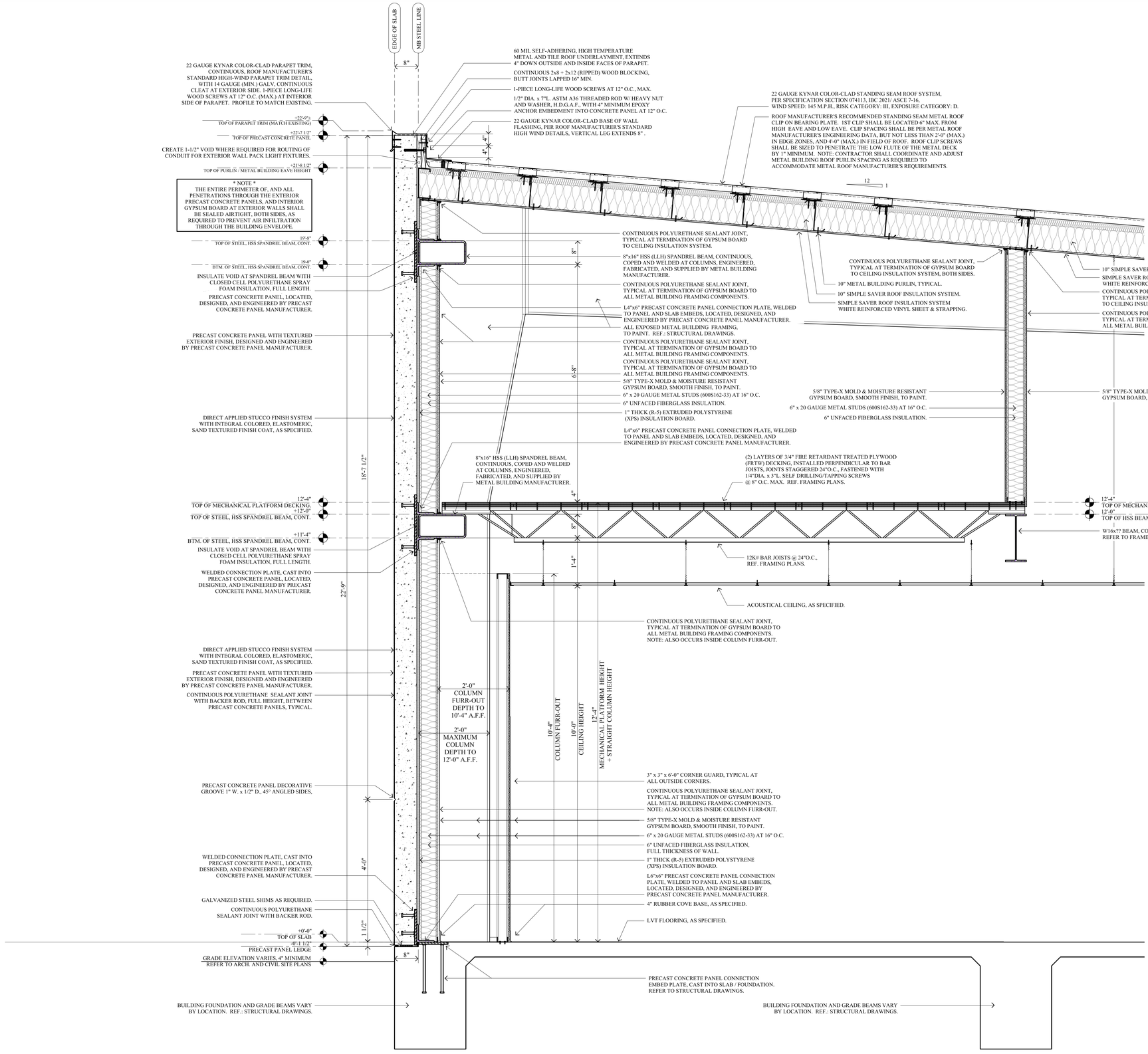
C.E.H. PROJECT NUMBER
2506

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A4.3

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Wall Section - New East Wall @ Mechanical Platform / Column Furr-Out

SCALE: 3/4"=1'-0"

1

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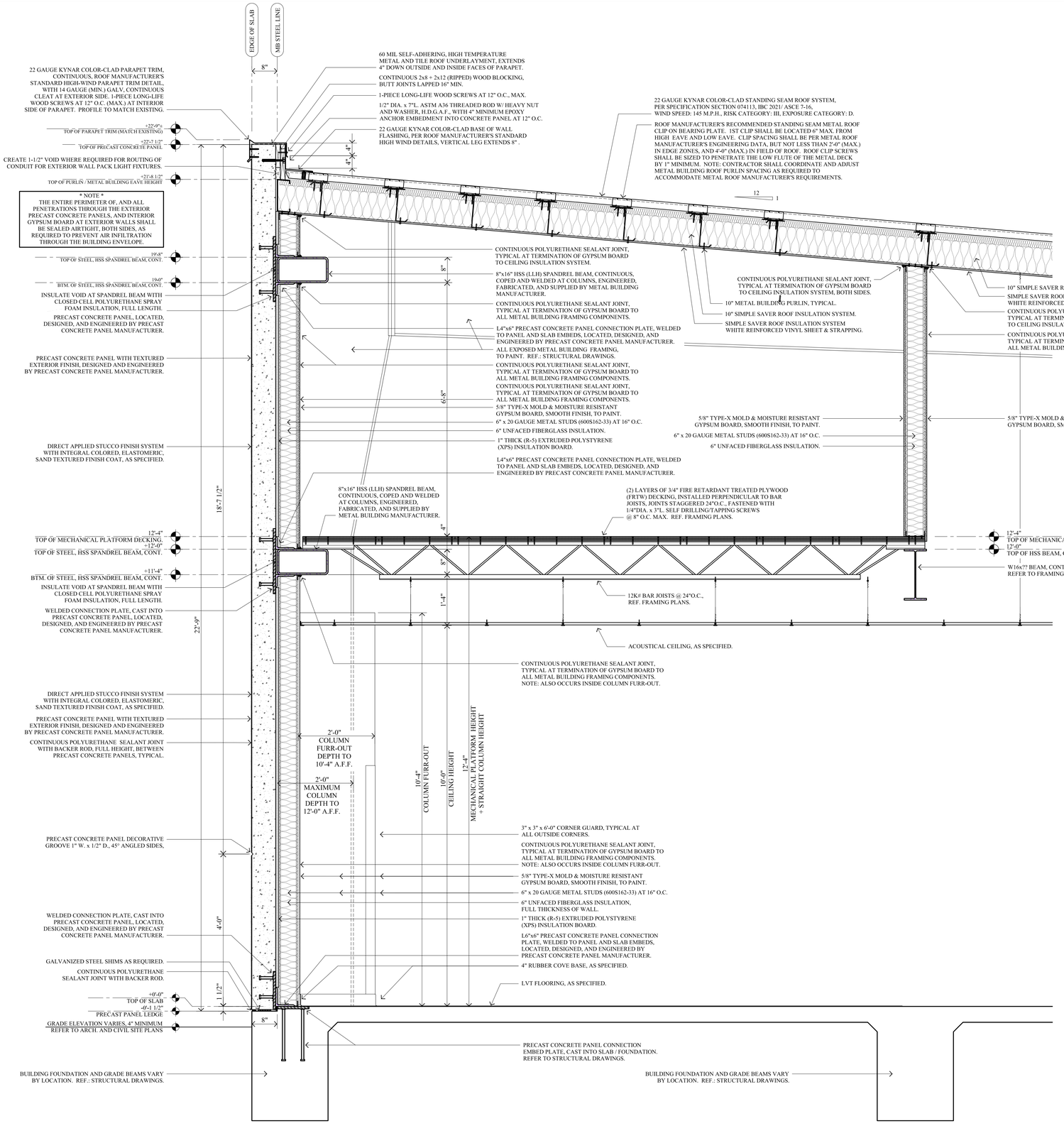
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A5.0

ISSUE DATE:
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Wall Section - New East Wall @ Mechanical Platform

SCALE: 3/4"=1'-0"

2

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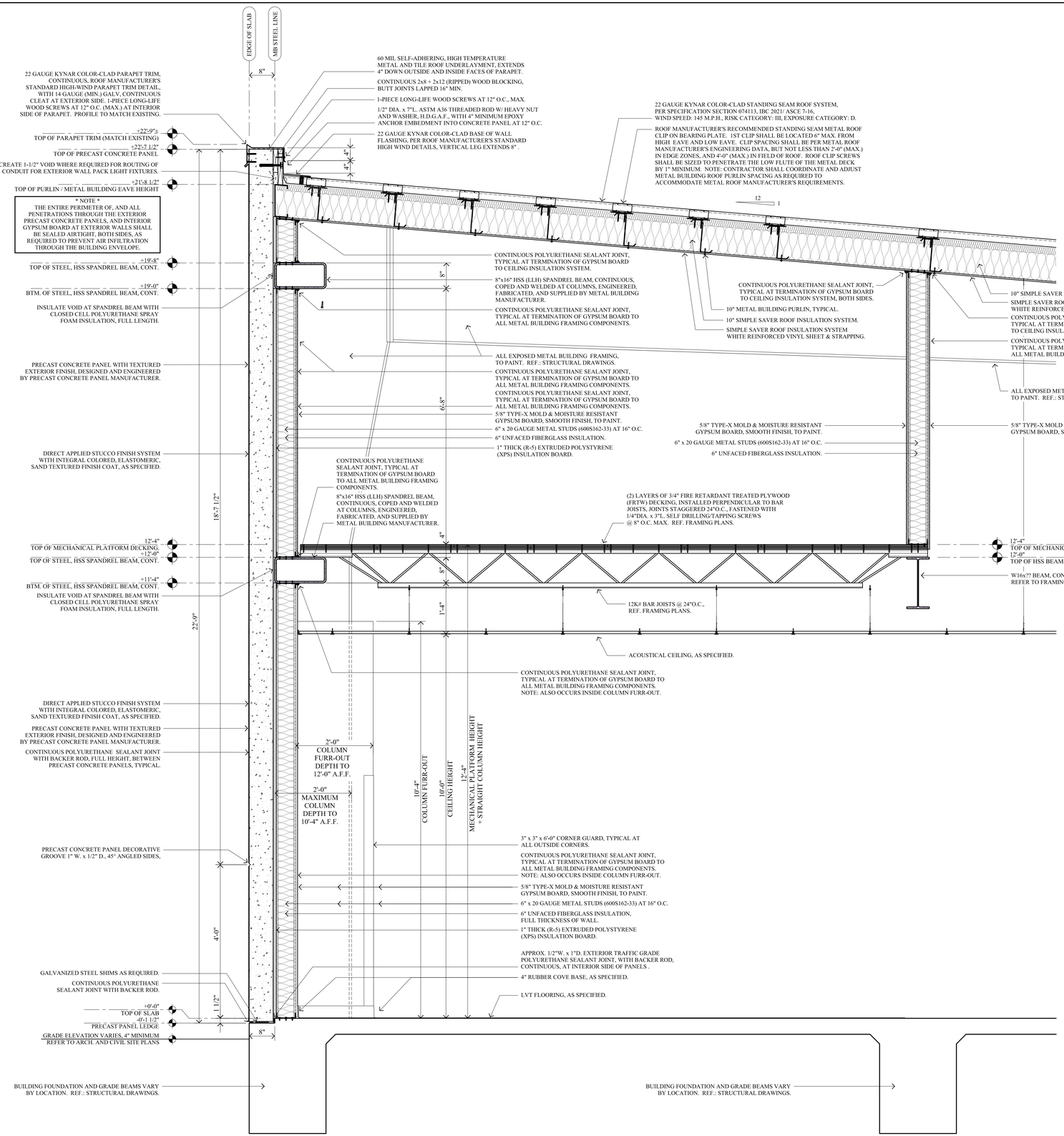
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A5.1

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Wall Section - New East Wall @ Mechanical Platform

SCALE: 3/4"=1'-0"

3

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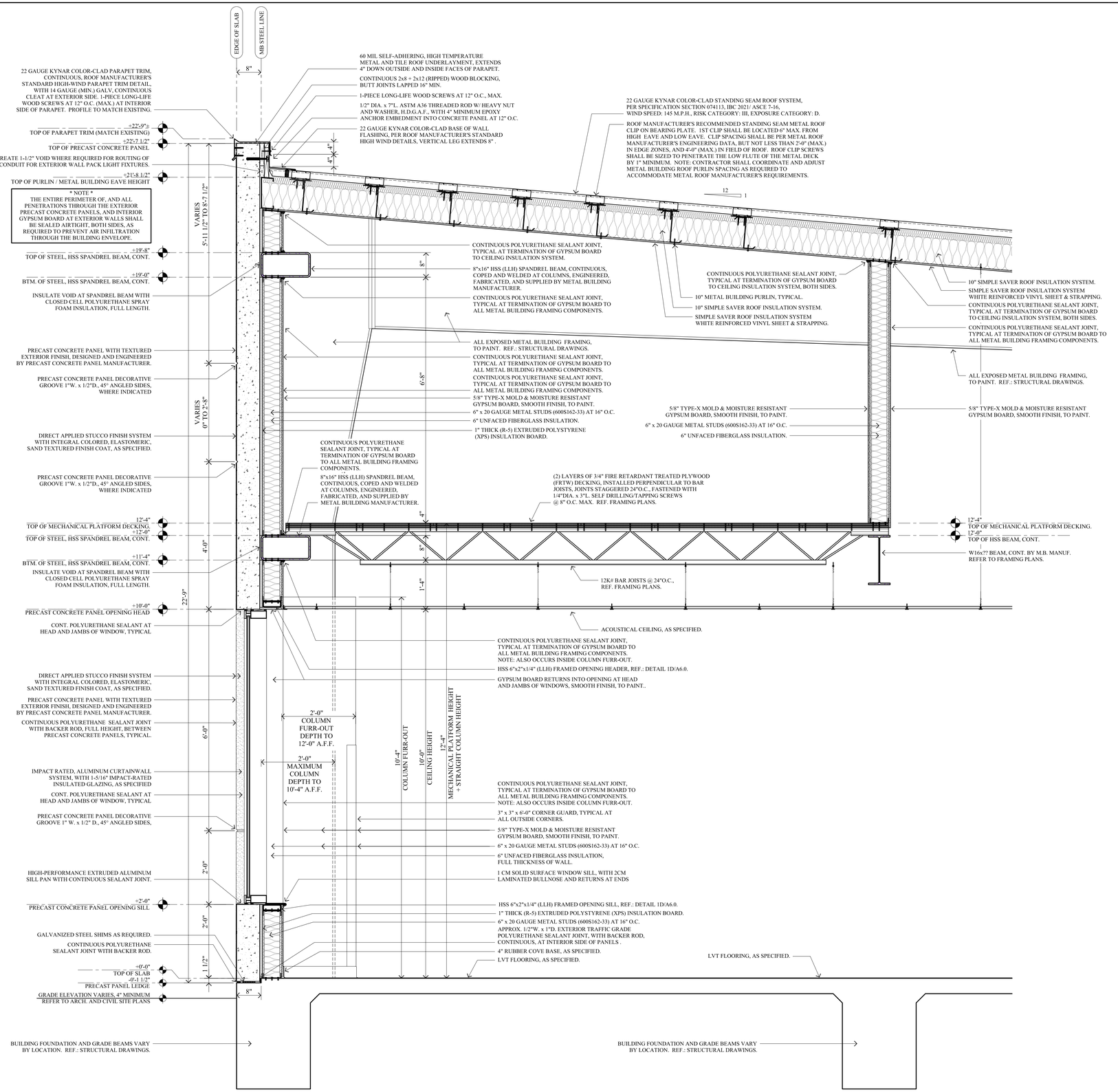
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A5.2

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Wall Section - New East Wall @ Mechanical Platform / Window

SCALE: 3/4"=1'-0"

4

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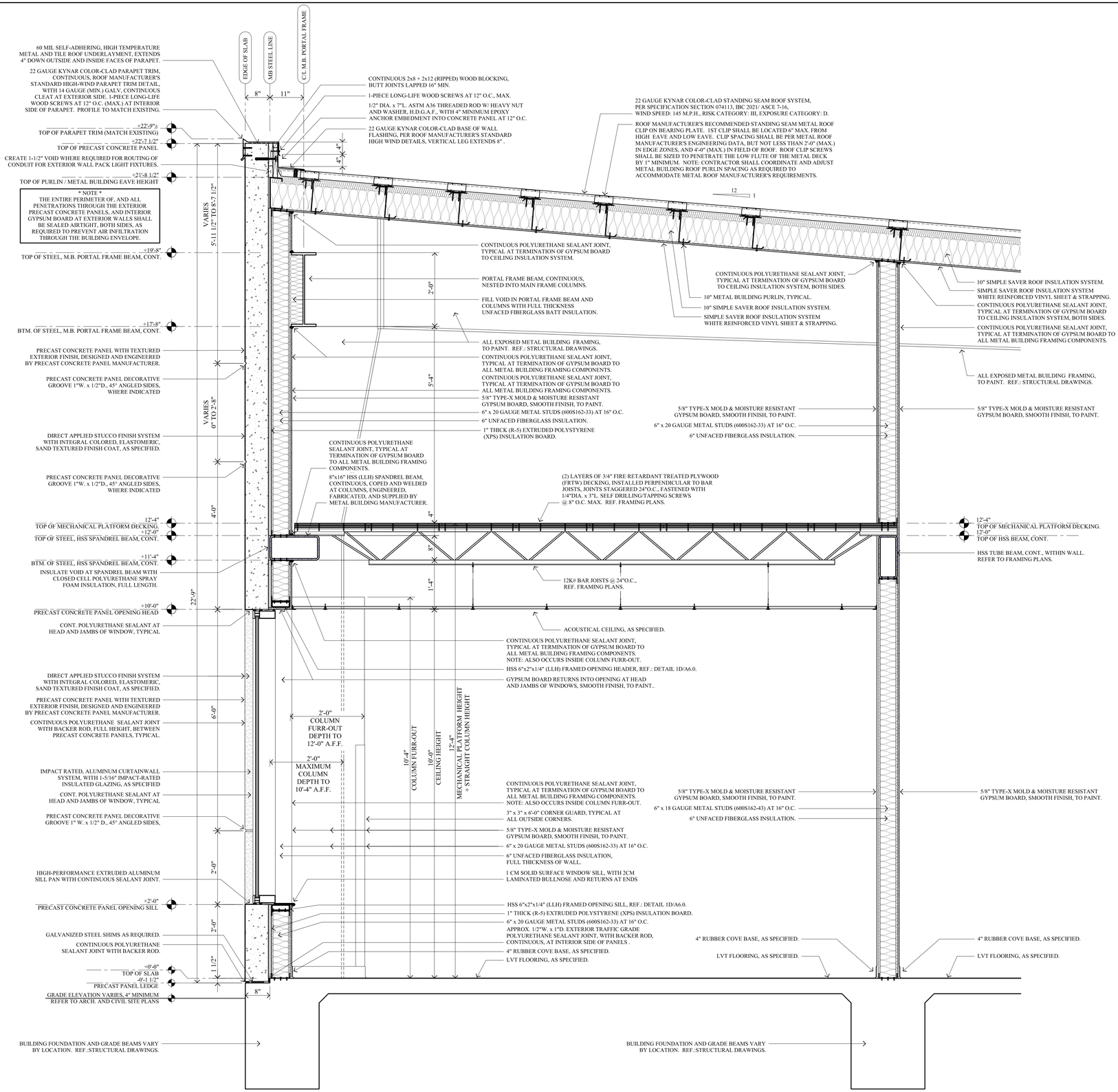
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A5.3

ISSUE DATE:
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Wall Section - New East Wall @ Mechanical Platform / M.B. Portal Frame / Window

SCALE: 3/4"=1'-0"

5

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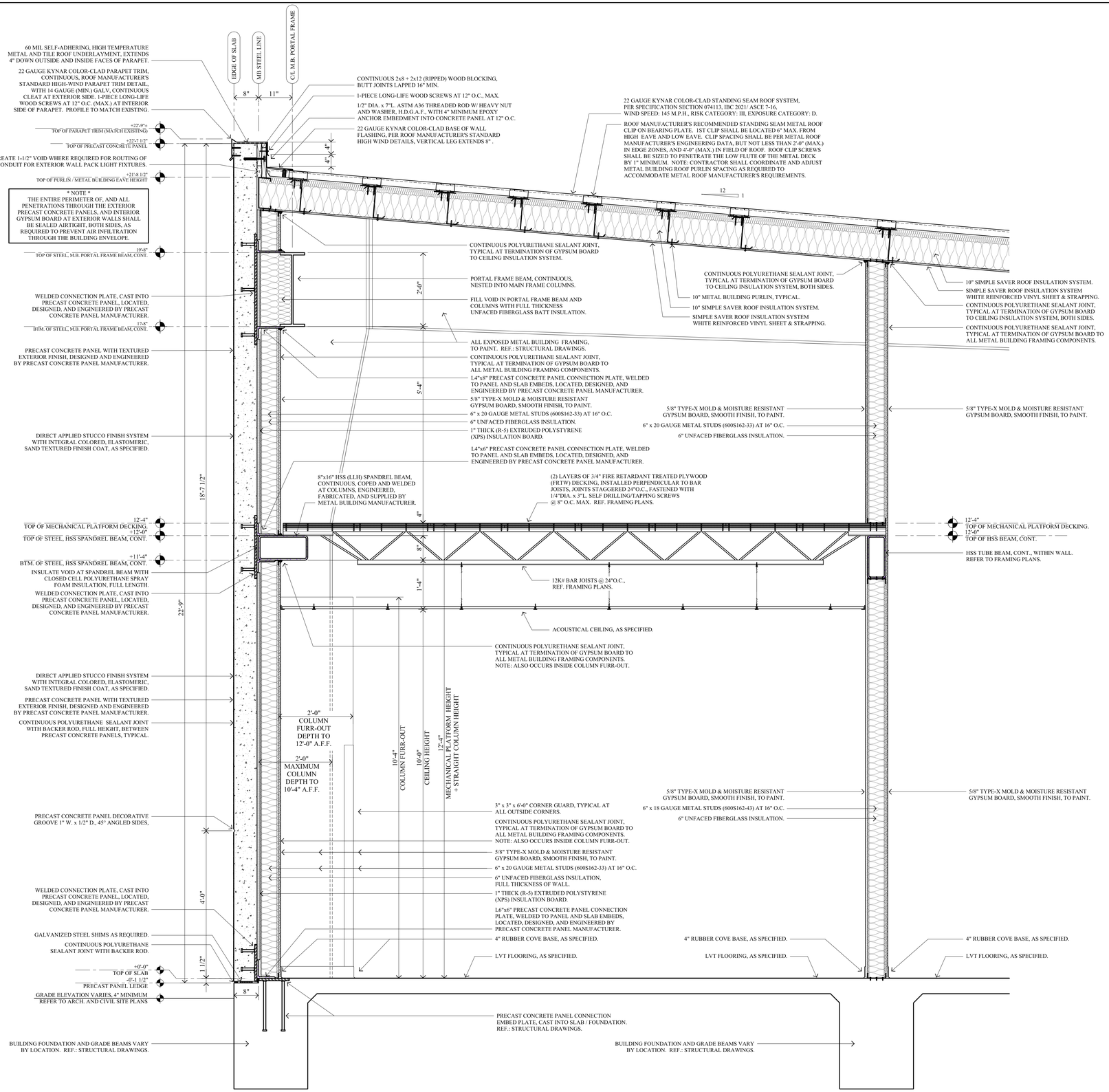
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A5.4

ISSUE DATE:
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Wall Section - New East Wall @ Mechanical Platform / M.B. Portal Frame

SCALE: 3/4"=1'-0"

6

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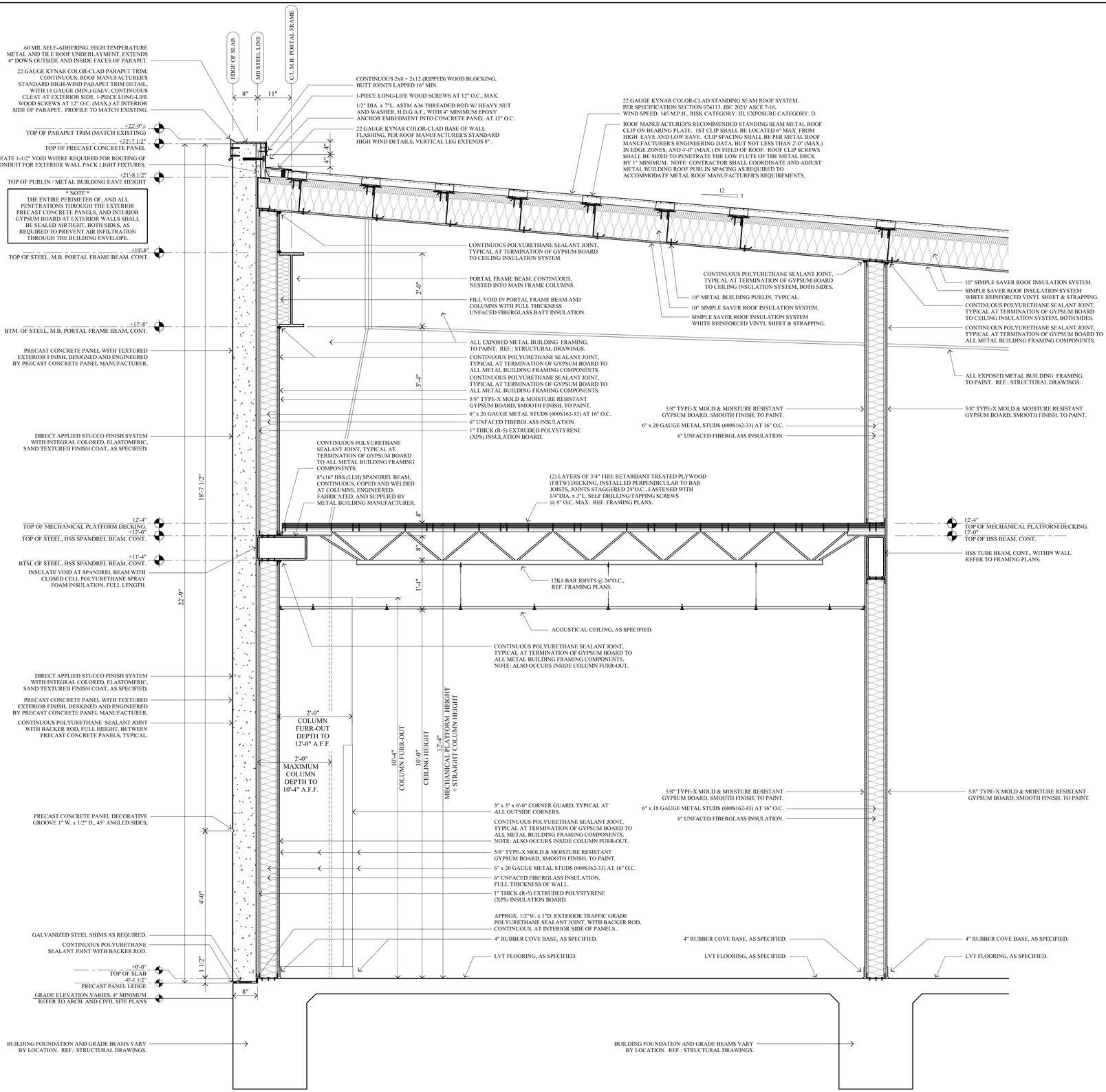
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A5.5

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Wall Section - New East Wall @ Mechanical Platform / M.B. Portal Frame

SCALE: 3/4"=1'-0"

7

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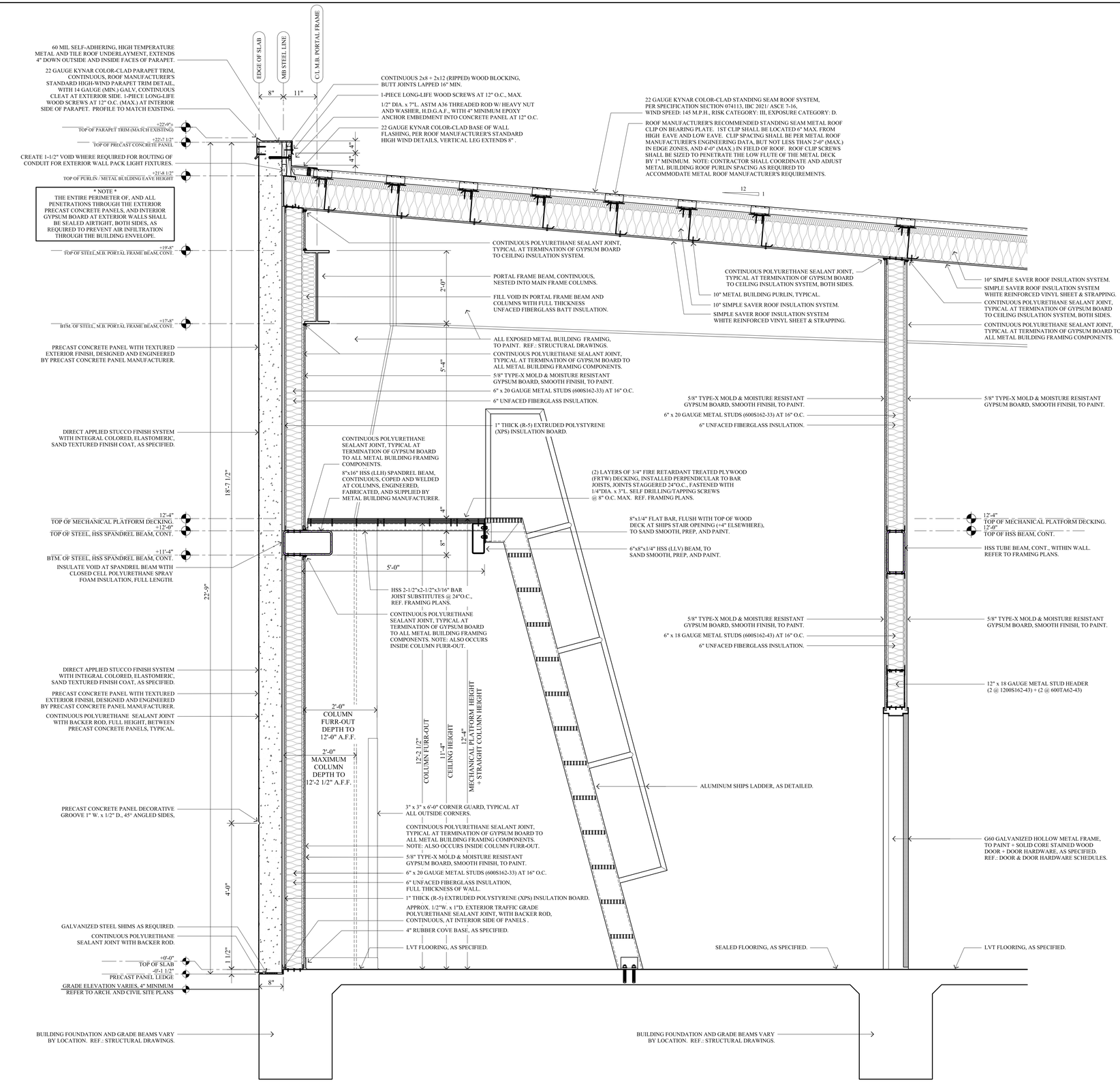
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A5.6

ISSUE DATE:
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Wall Section - New East Wall @ Mechanical Platform / M.B. Portal Frame / Access Ladder

SCALE: 3/4"=1'-0"

8

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A5.7

ISSUE DATE:
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Wall Section - New South Wall @ Mechanical Platform

SCALE: 3/4"=1'-0"

9

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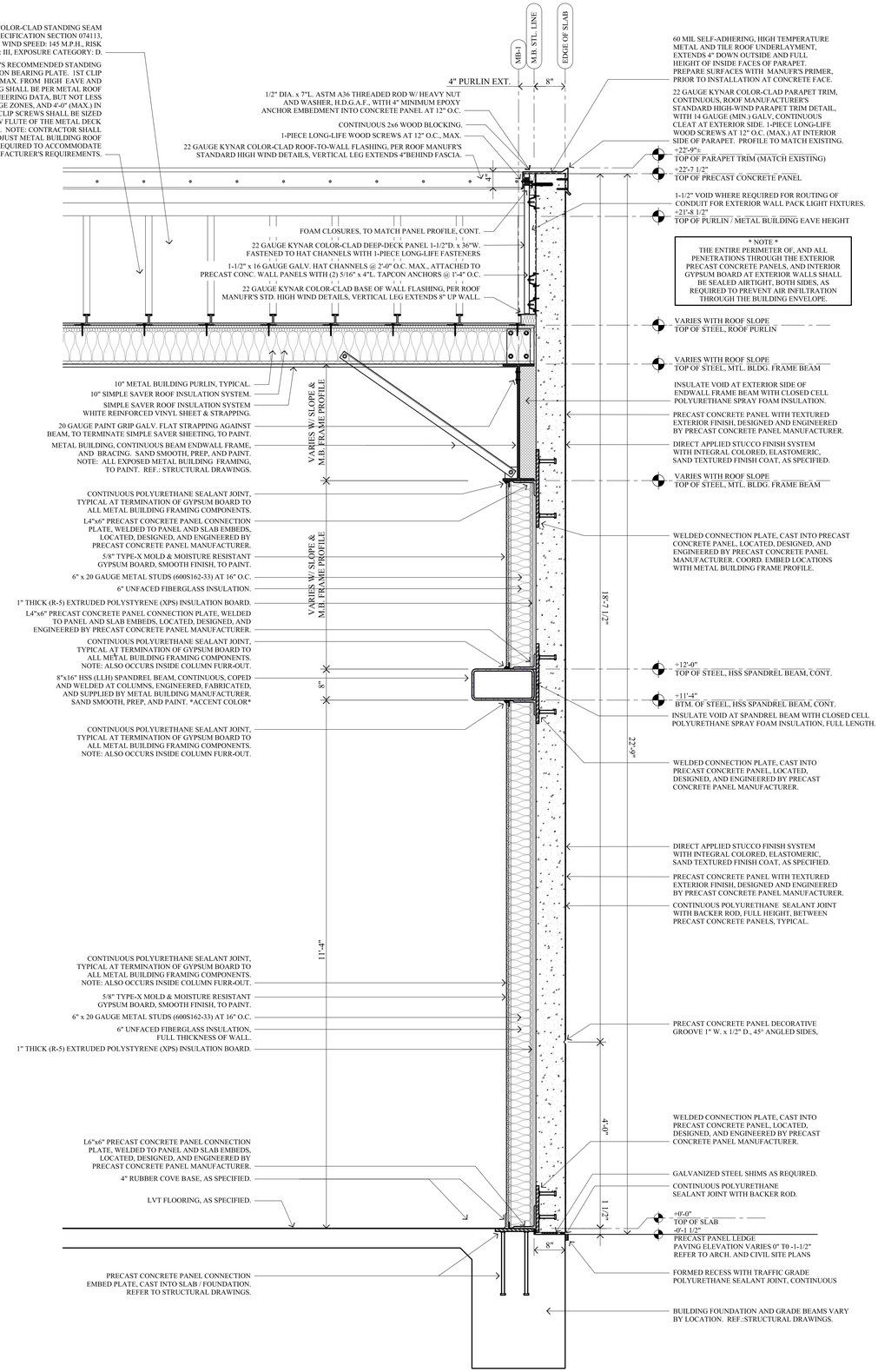
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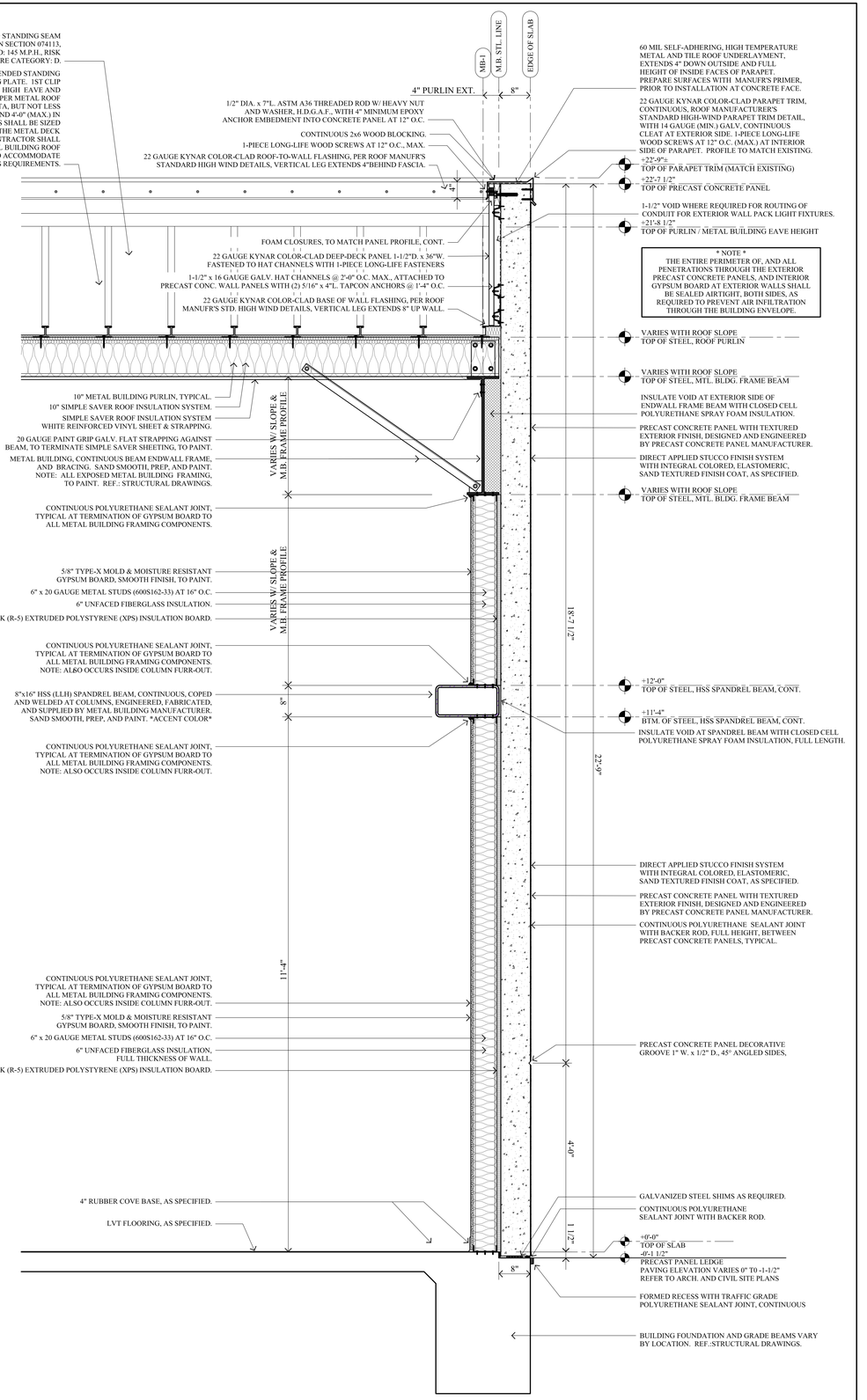
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Wall Section - New South Wall

SCALE: 3/4"=1'-0"

10



Wall Section - New South Wall

SCALE: 3/4"=1'-0"

11

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A5.9

ISSUE DATE:
3 / 13 / 2026

Wall Section - New South Wall @ Curtainwall Opening

SCALE: 3/4"=1'-0"

12

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C.E.H. PROJECT NUMBER
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A5.10

ISSUE DATE:
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Wall Section - New South Wall @ Door Opening

SCALE: 3/4"=1'-0"

13

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A5.11

ISSUE DATE:
3 / 13 / 2026

Wall Section - New West Wall @ Portal Frame

SCALE: 3/4"=1'-0"

14

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for Sowela Technical Community College
3500 Senator J. Bennett Johnston Ave. | Lake Charles, LA 70615

C.E.H. PROJECT NUMBER
2506

WILLIAM B. EVANS Reg. No. 08646 STATE OF LOUISIANA REGISTERED ARCHITECT

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A5.12

ISSUE DATE:
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Wall Section - New West Wall @ Portal Frame

SCALE: 3/4"=1'-0"

15

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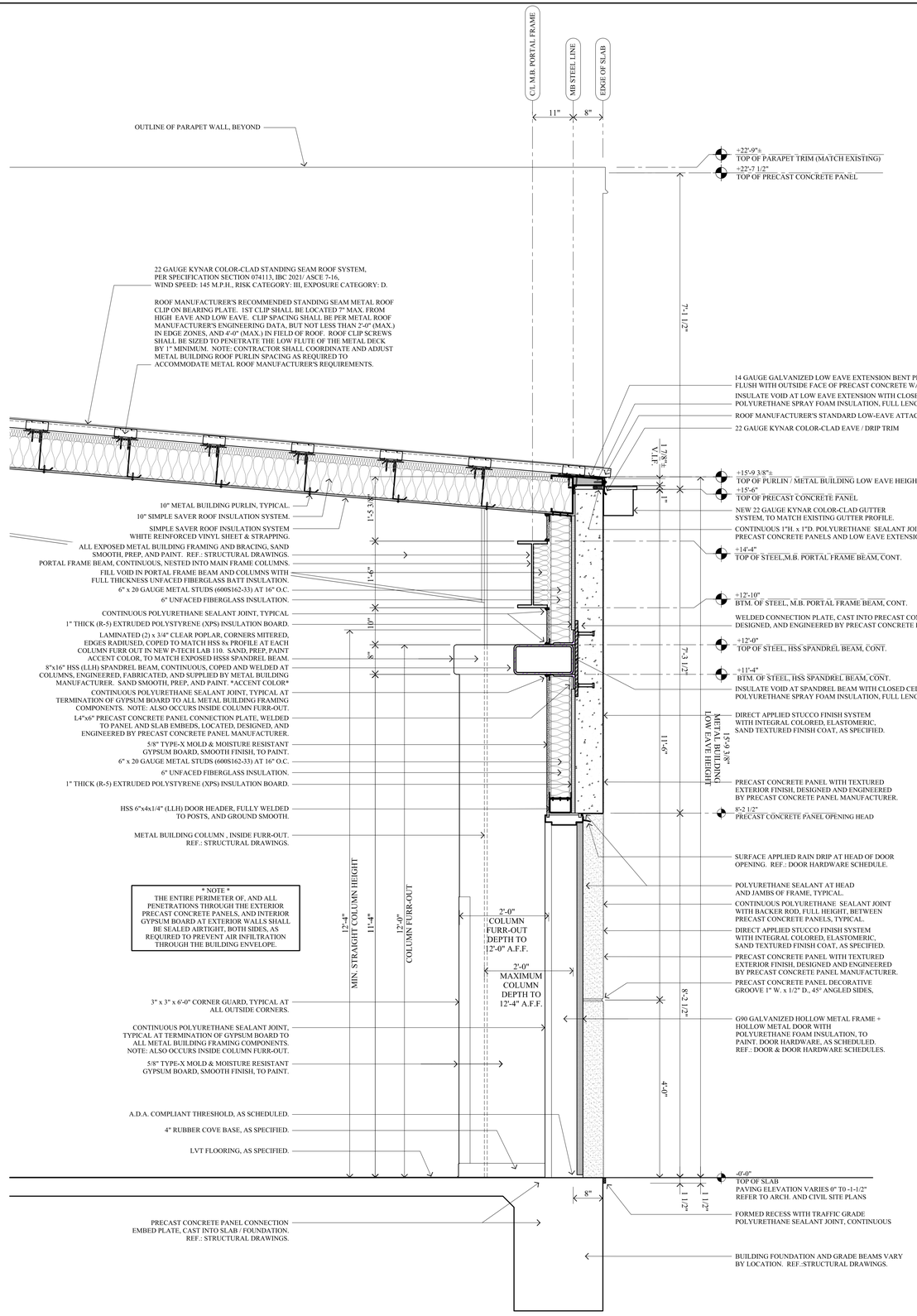
C.E.H. PROJECT NUMBER
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A5.13

ISSUE DATE:
3 / 13 / 2026



Wall Section - New West Wall @ Portal Frame / Door Opening

SCALE: 3/4"=1'-0"

16

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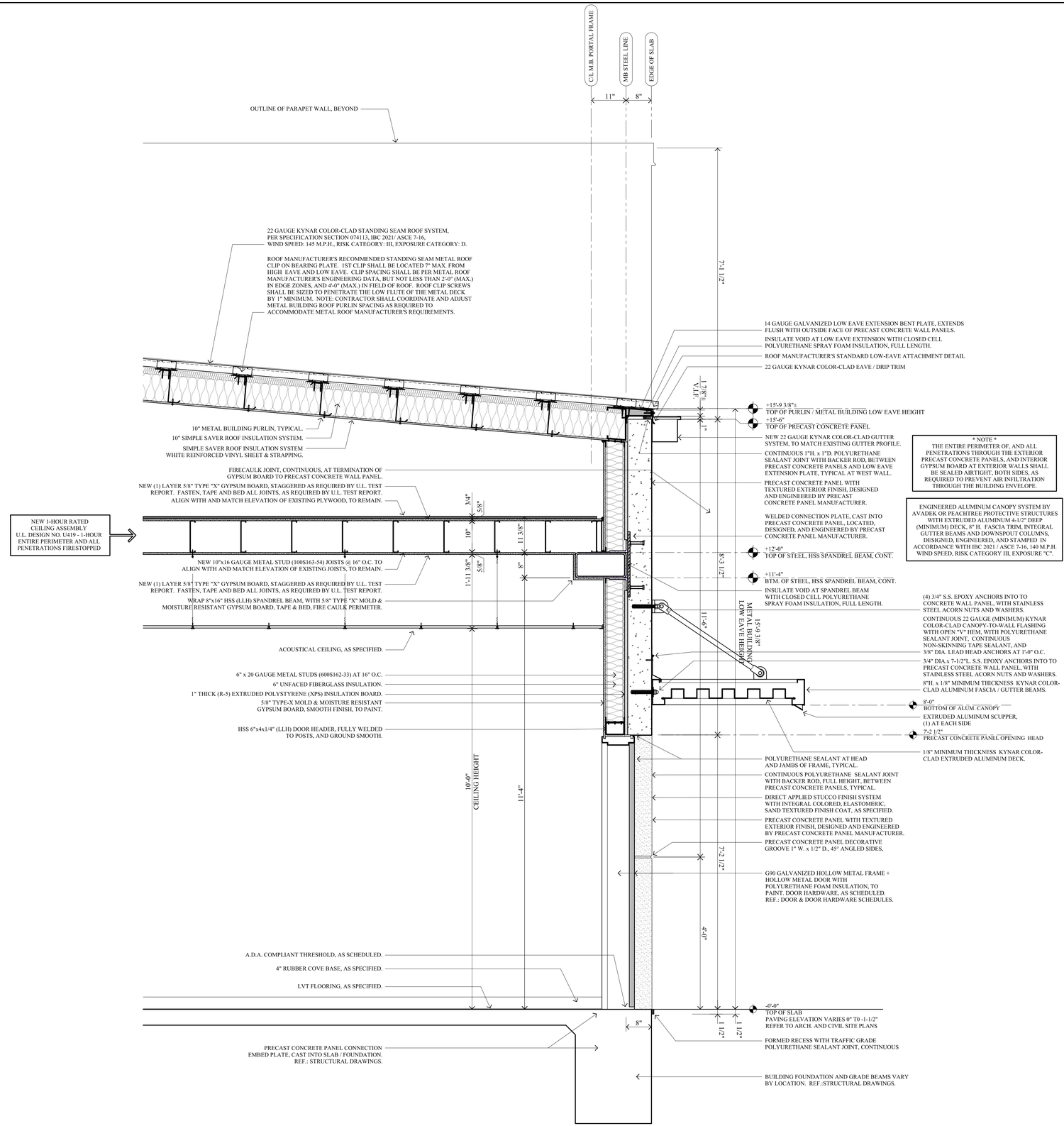
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A5.14

ISSUE DATE:
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Wall Section - New West Wall @ Door Opening

SCALE: 3/4"=1'-0"

17

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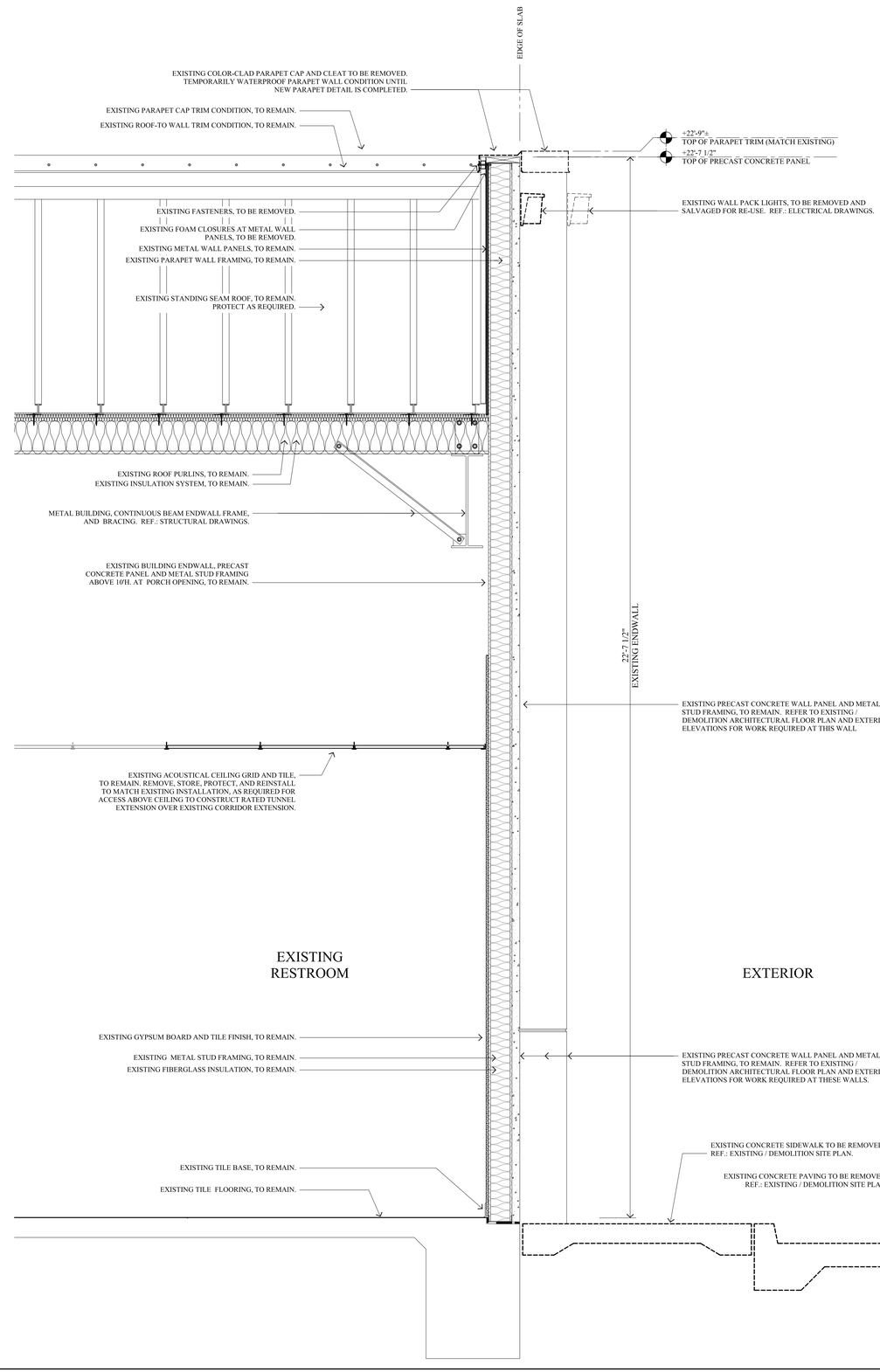
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A5.15

ISSUE DATE:
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Wall Section - Existing / Demo South Wall

SCALE: 3/4"=1'-0"

18

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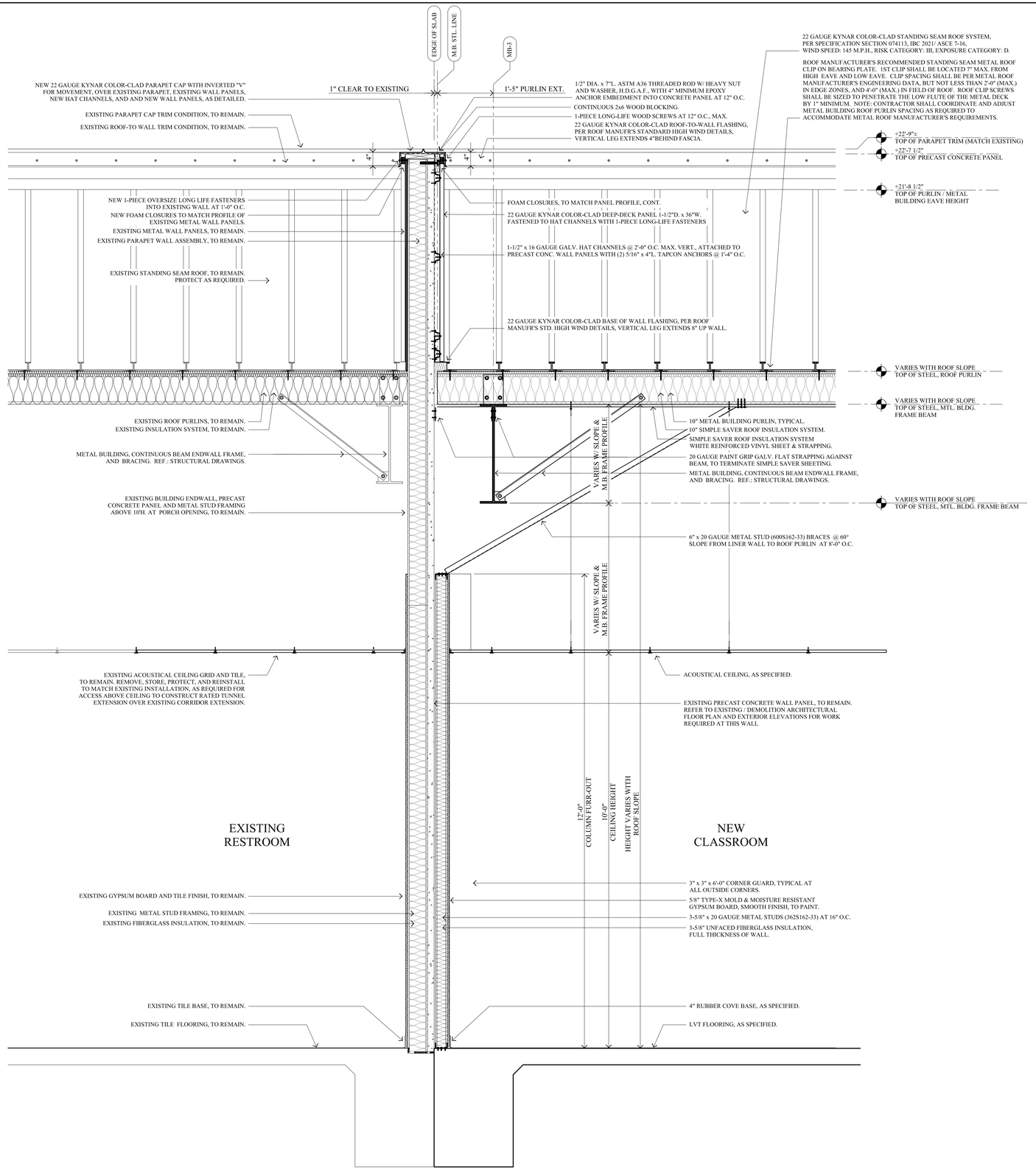
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A5.16

ISSUE DATE:
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Wall Section - Existing / New South Wall

SCALE: 3/4"=1'-0"

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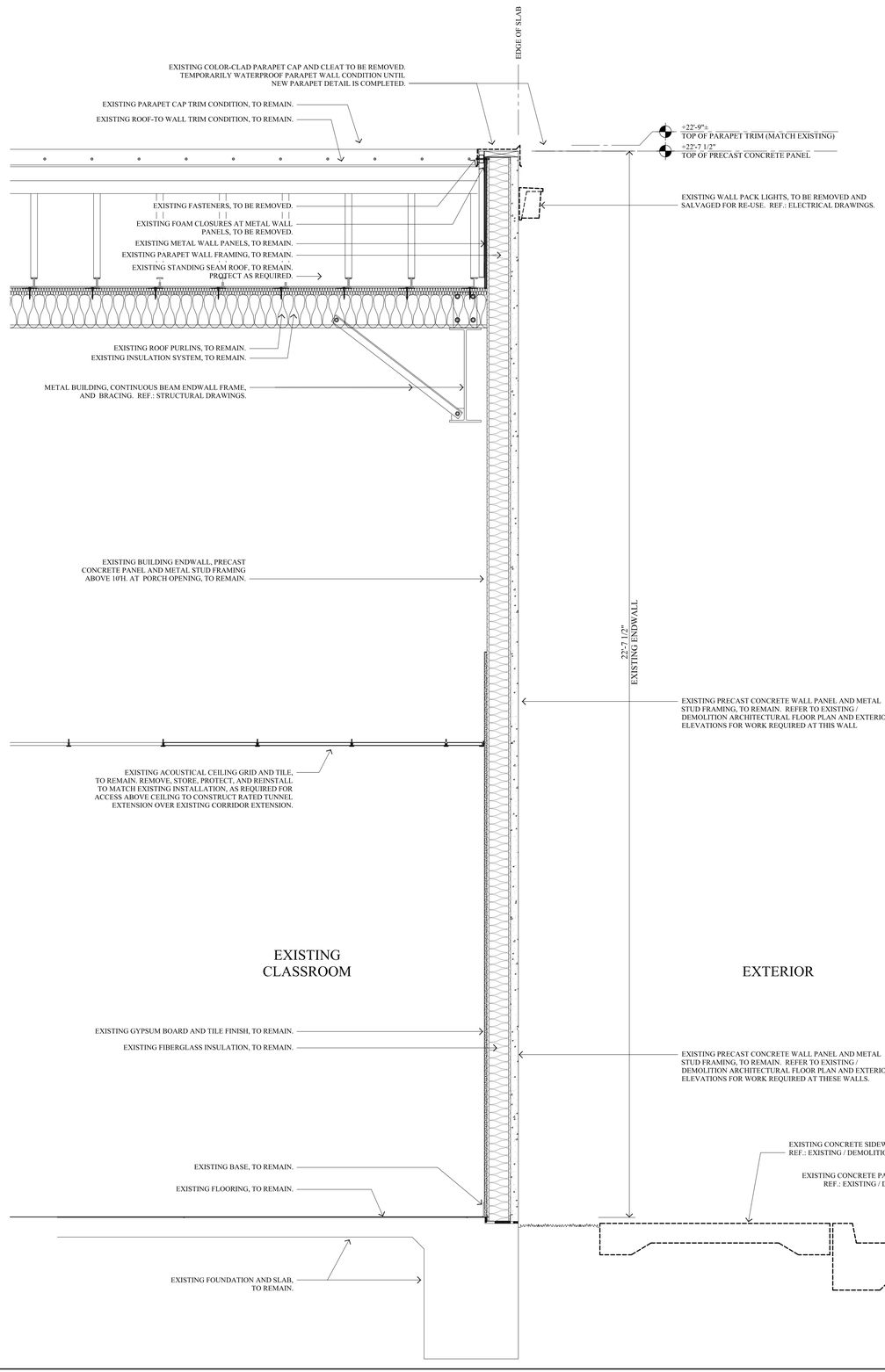
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A5.17

ISSUE DATE:
3 / 13 / 2026



Wall Section - Existing / Demo South Wall

SCALE: 3/4"=1'-0"

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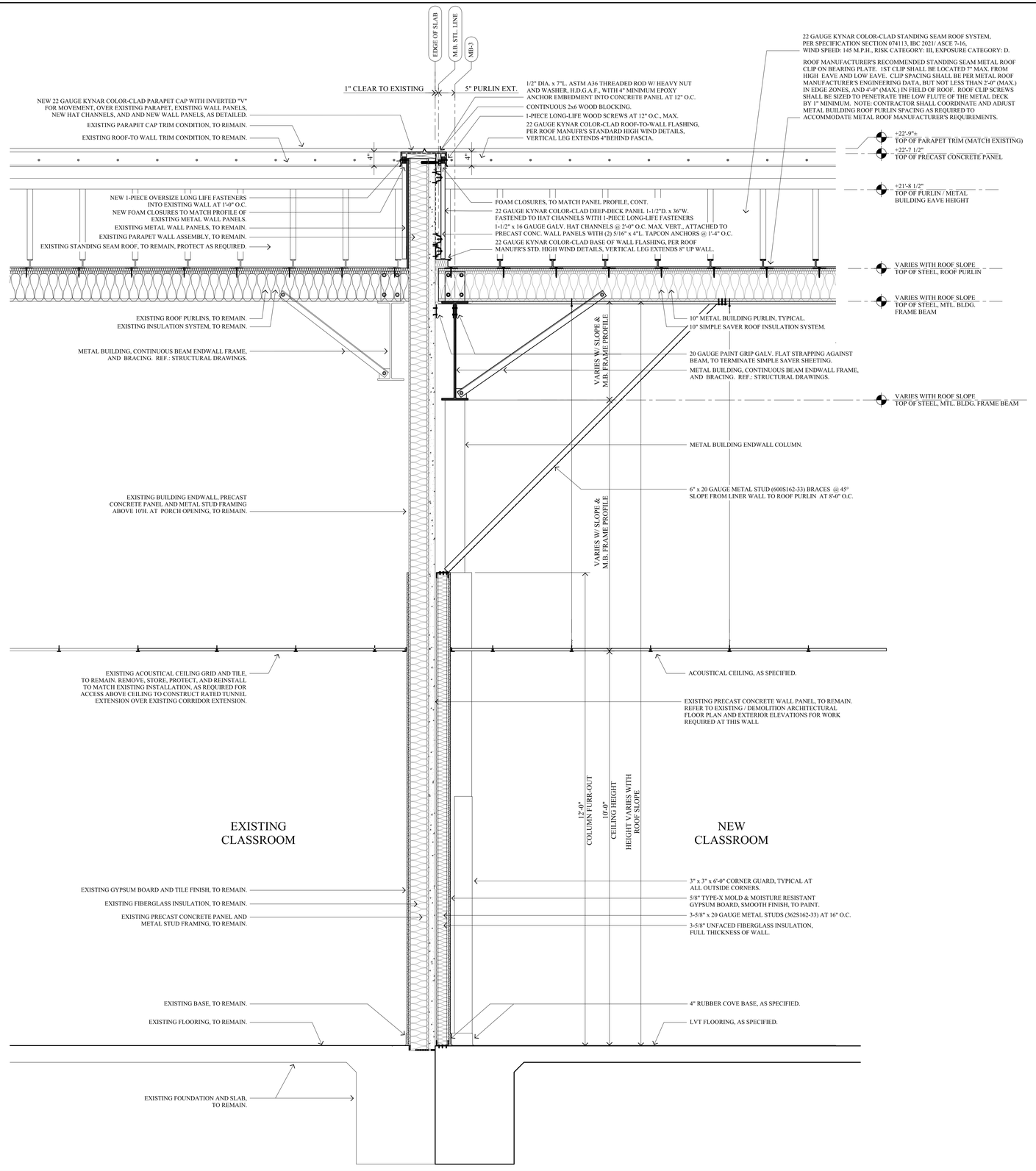
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A5.18

ISSUE DATE:
3 / 13 / 2026



Wall Section - Existing / New South Wall

SCALE: 3/4"=1'-0"

21

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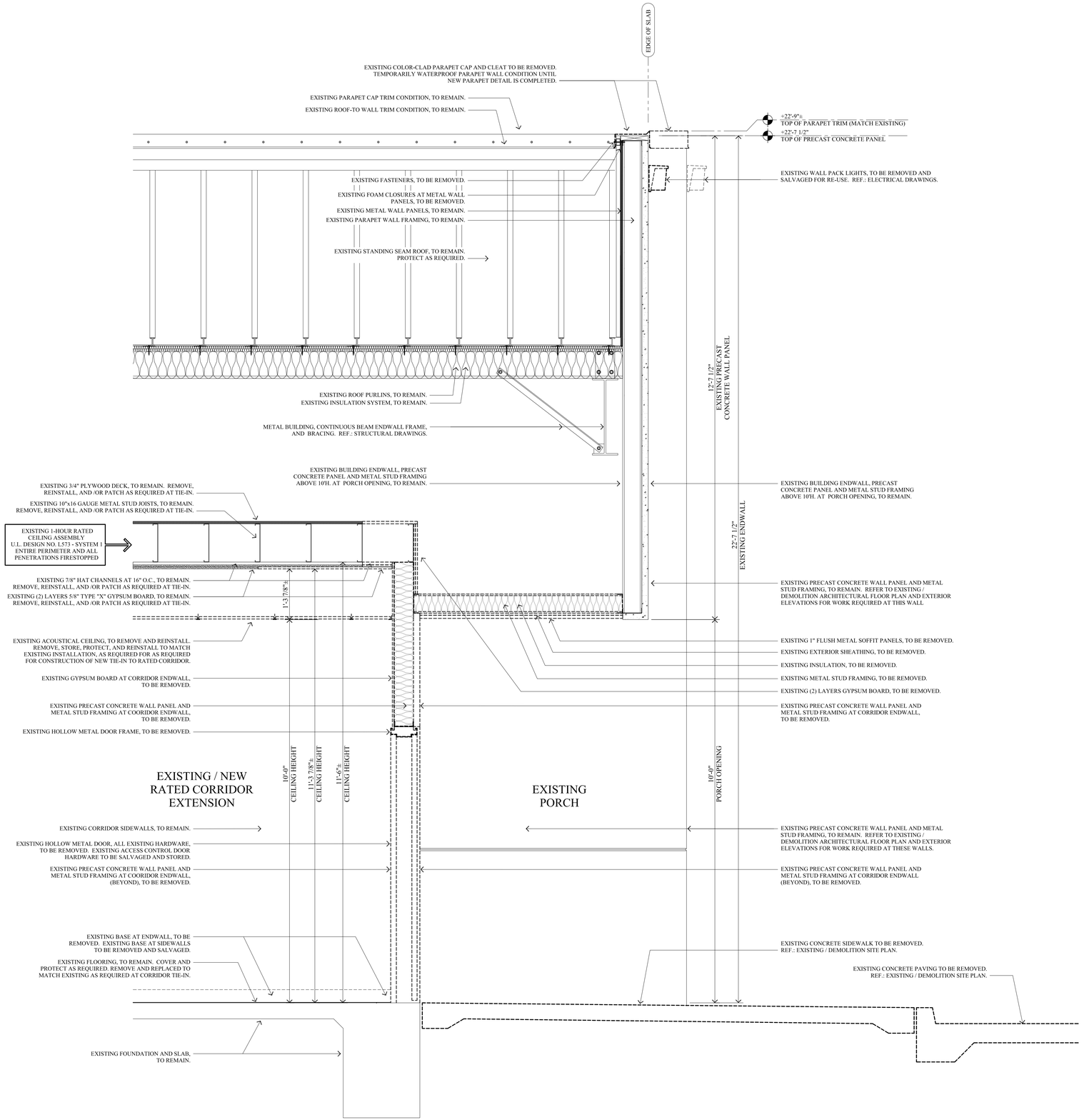
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A5.19

ISSUE DATE:
3 / 13 / 2026



Wall Section - Existing / Demo South Wall @ Corridor

SCALE: 3/4"=1'-0"

22

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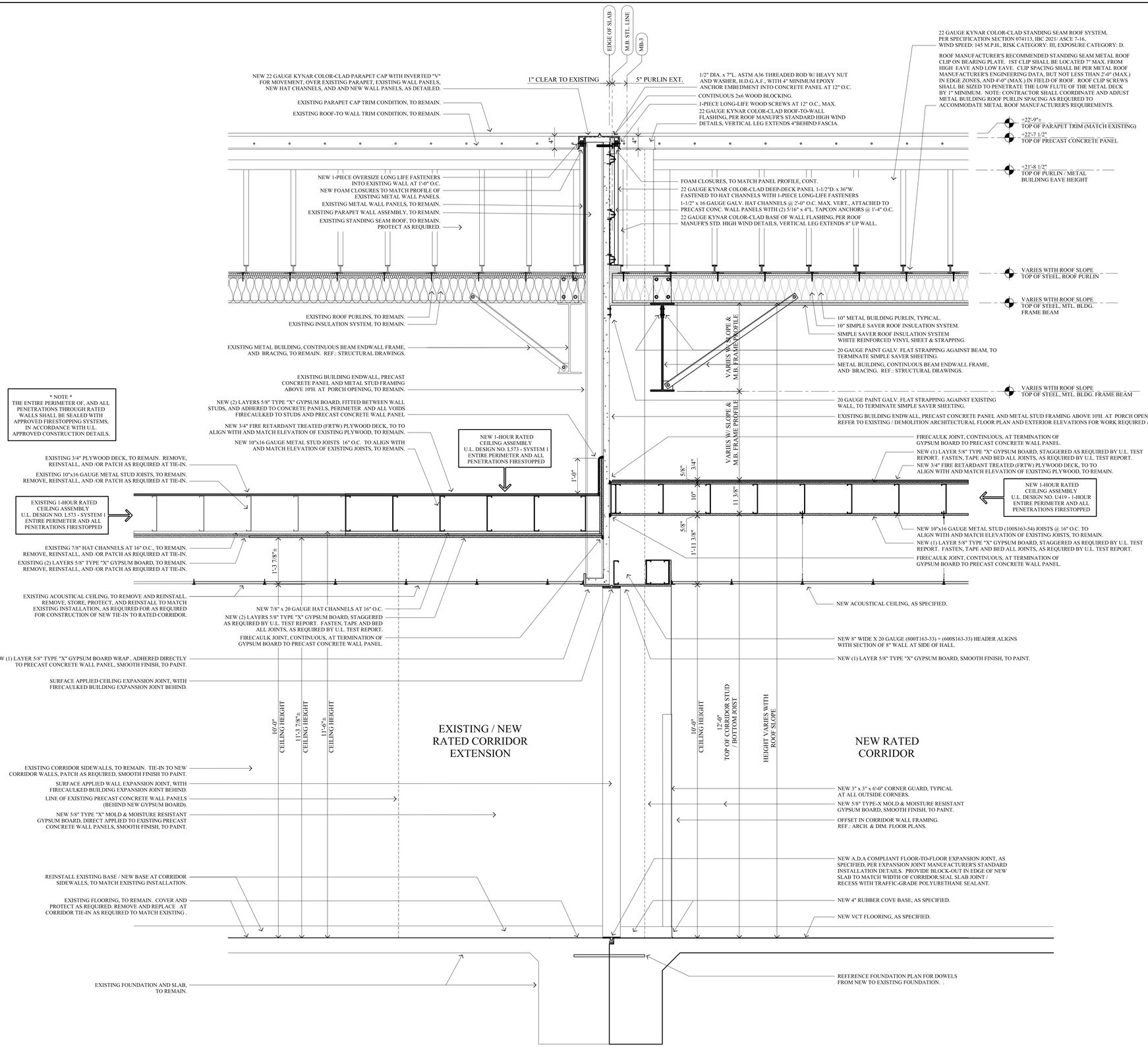
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A5.20

ISSUE DATE:
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Wall Section - Existing / New @ Rated Corridor Extension

SCALE: 3/4"=1'-0"

23

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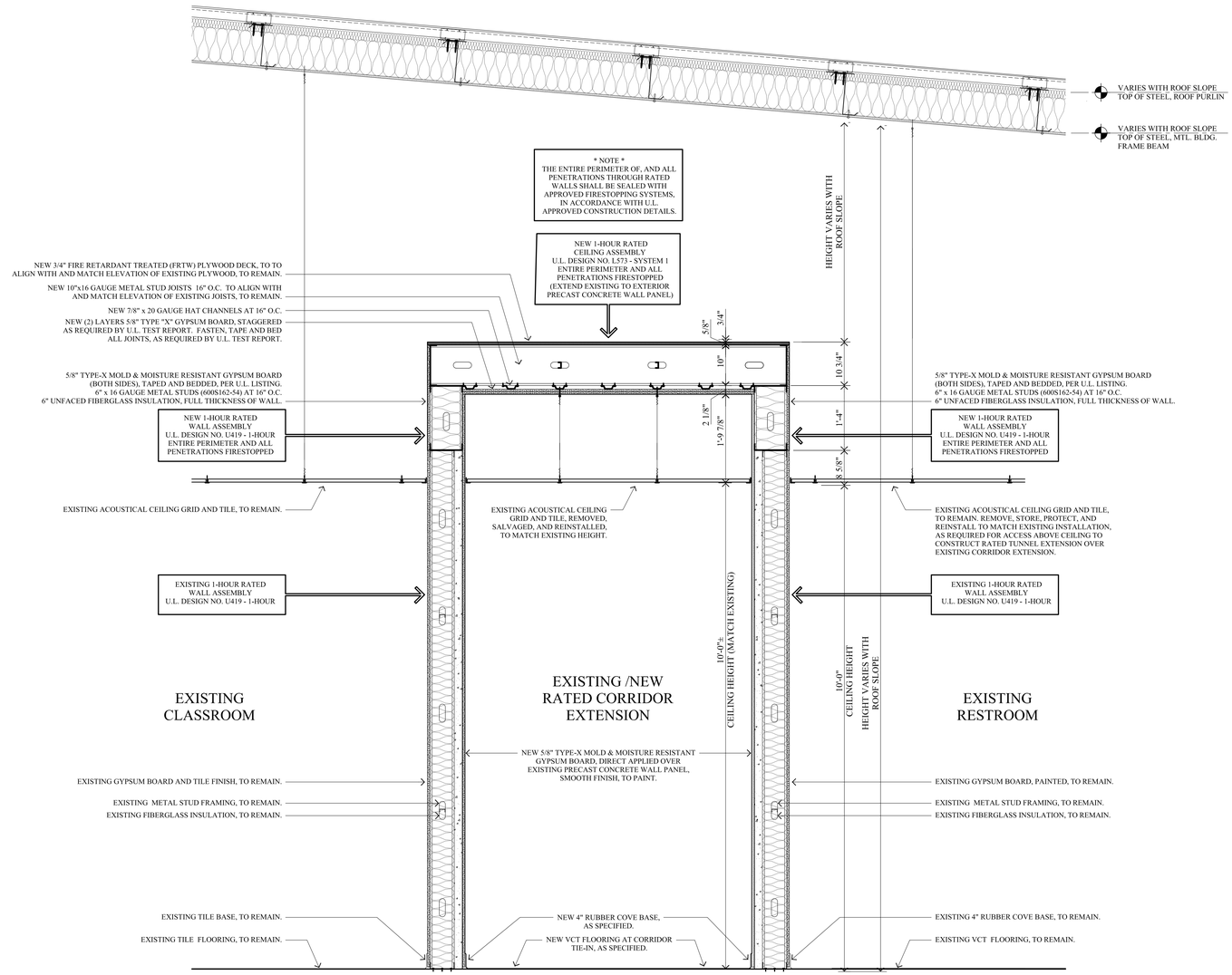
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A5.21

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Wall Section - Existing / New @ Rated Corridor Extension

SCALE: 3/4"=1'-0"

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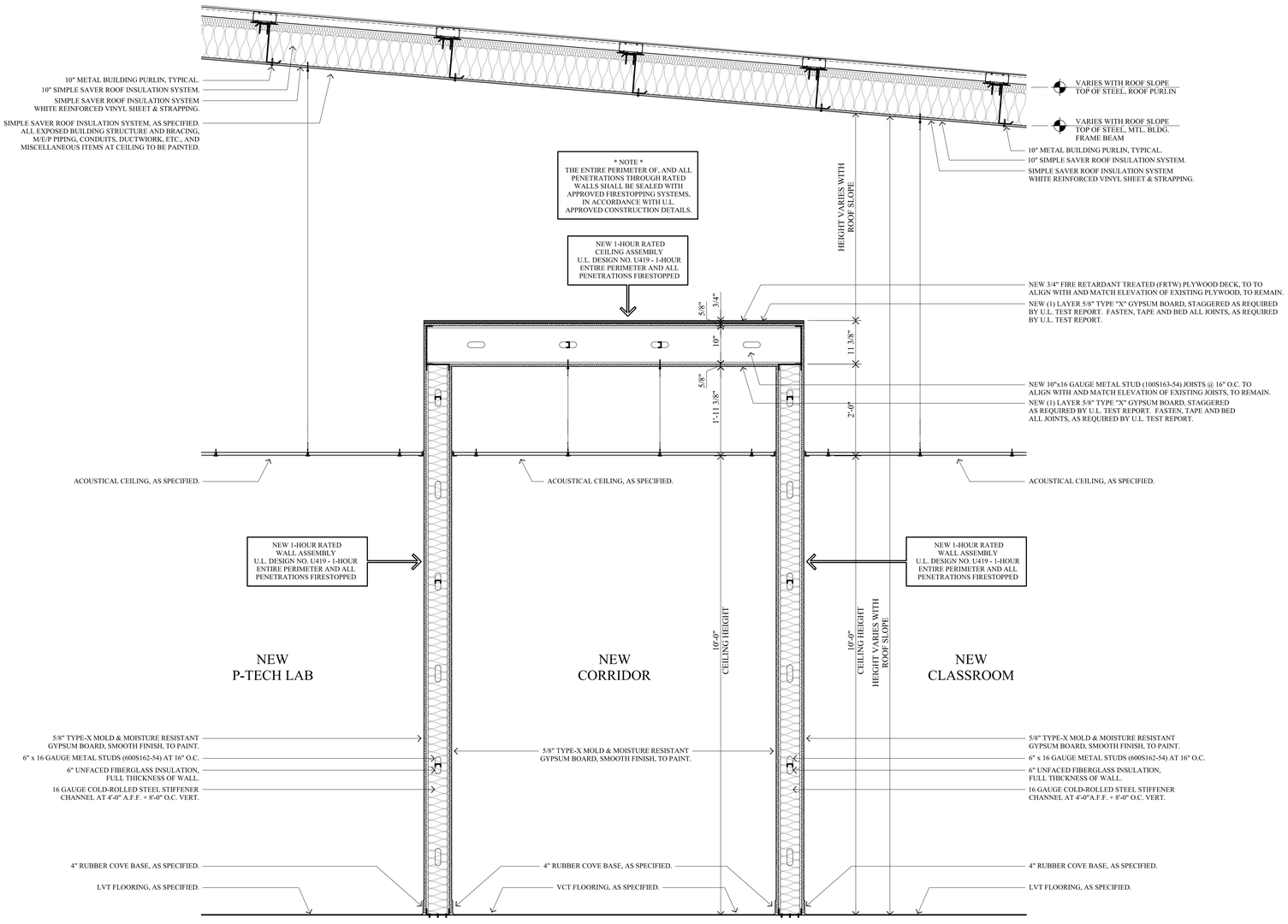
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A5.22

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Wall Section - New Rated Corridor

SCALE: 3/4"=1'-0"

25

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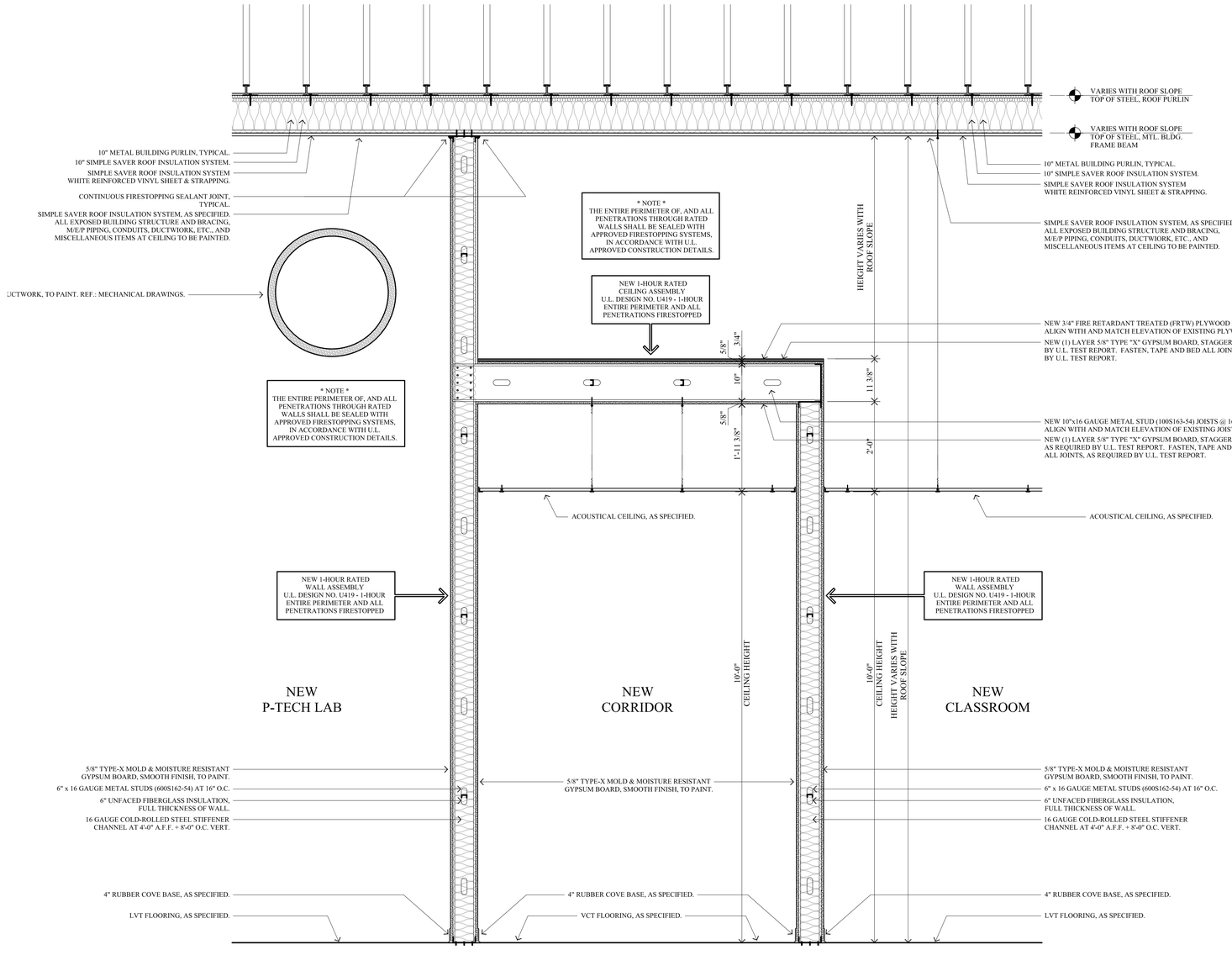
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Wall Section - New Rated Corridor

SCALE: 3/4"=1'-0"

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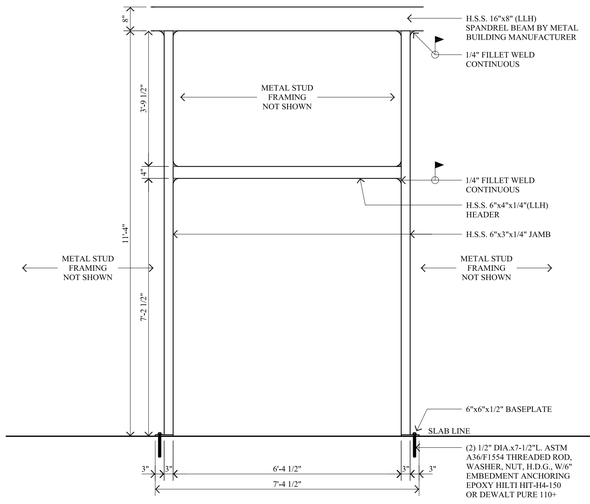
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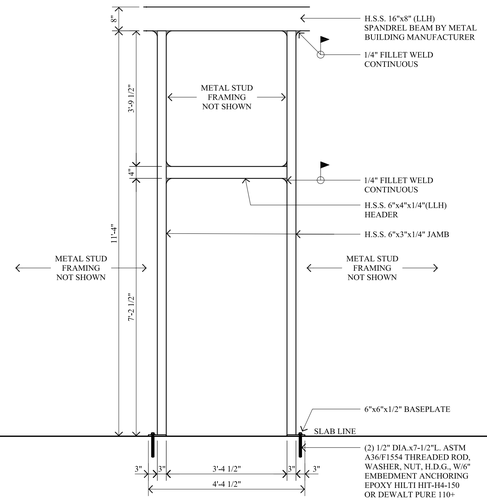
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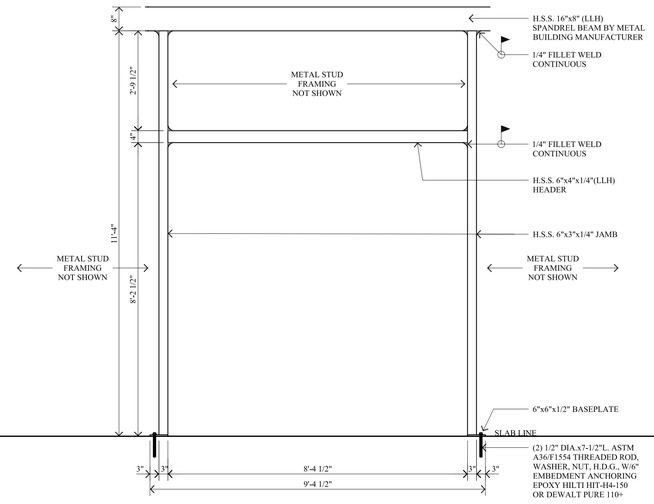
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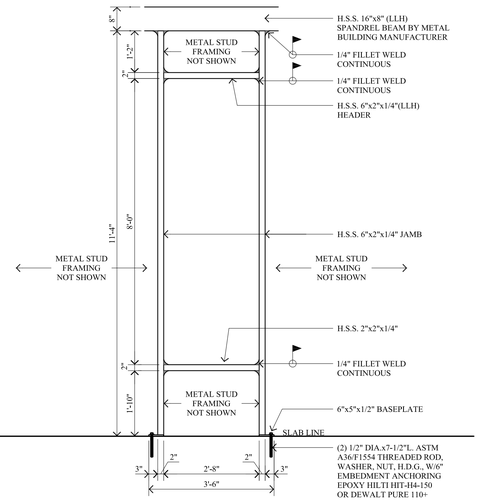
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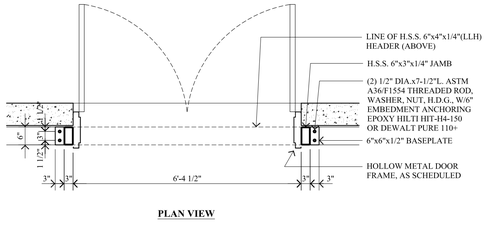
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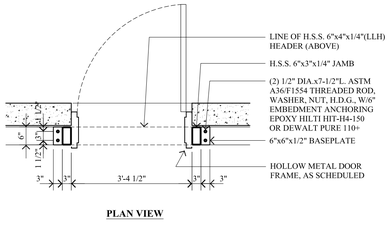
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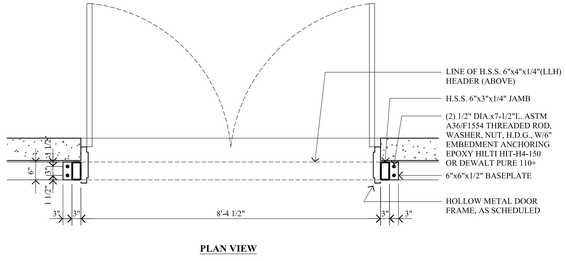
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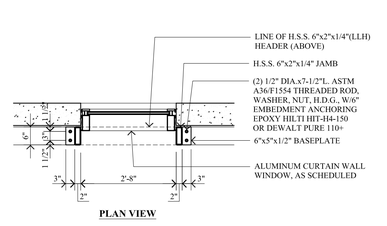
PLAN VIEW



PLAN VIEW



PLAN VIEW



PLAN VIEW

A
DOOR MARK 100H
(1 Each)

B
DOOR MARK 110E
(1 Each)

C
DOOR MARK 110F
(1 Each)

D
WINDOW TYPE 2
(2 Each)

Framed Openings @ Exterior Windows And Doors

SCALE: 1/2"=1'-0"

1

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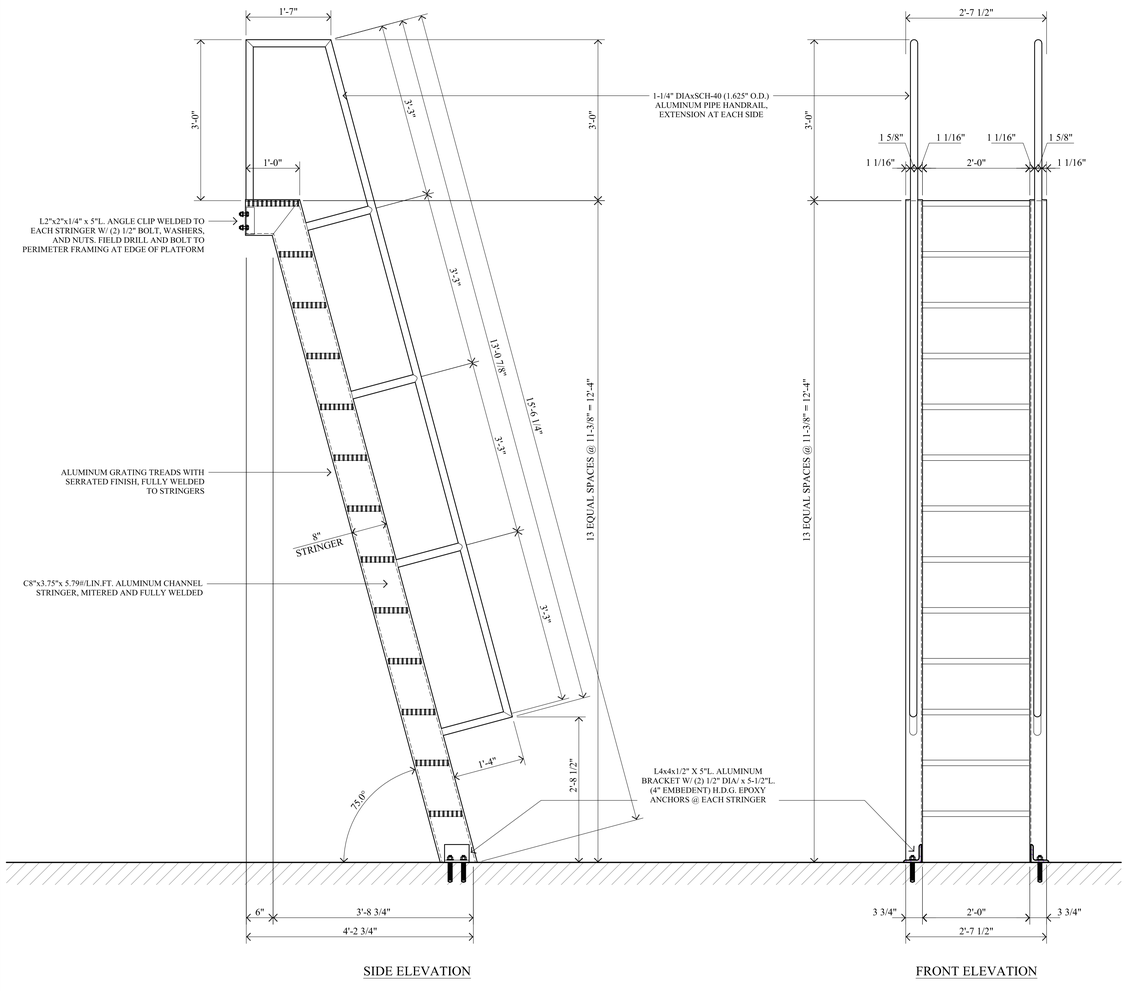
C.E.H. PROJECT NUMBER
2506

WILLIAM B. EVANS
Reg. No. 4846
STATE OF LOUISIANA
REGISTERED ARCHITECT

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ISSUE DATE:
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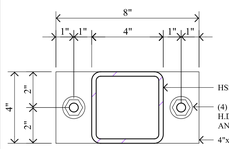


SIDE ELEVATION

FRONT ELEVATION

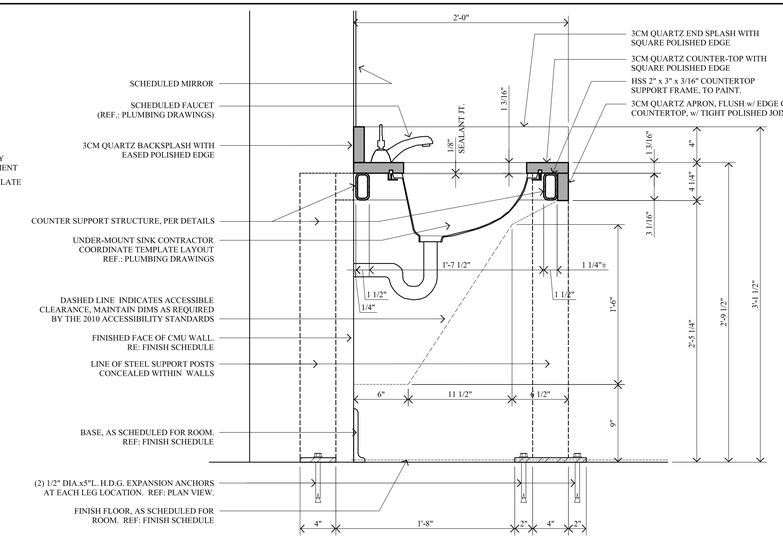
Mechanical Platform Access Ladder

SCALE: 3/4"=1'-0" 4



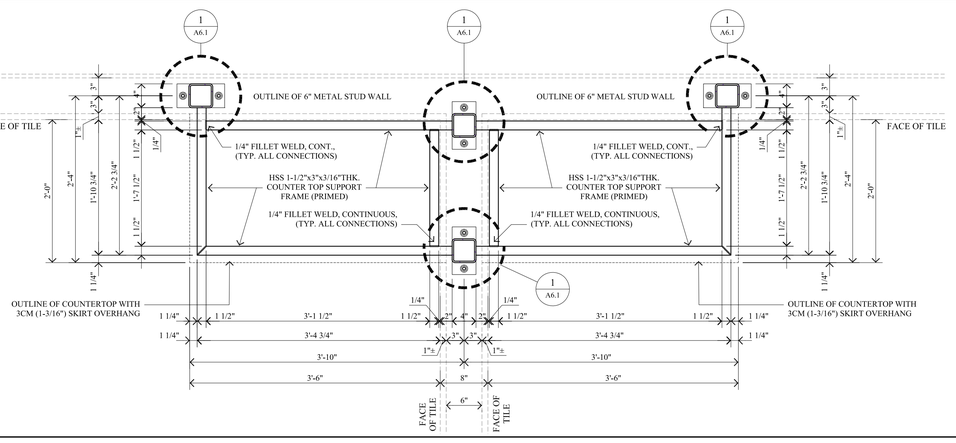
RR VANITY SUPPORT BASEPLATE

SCALE: 3"=1'-0"



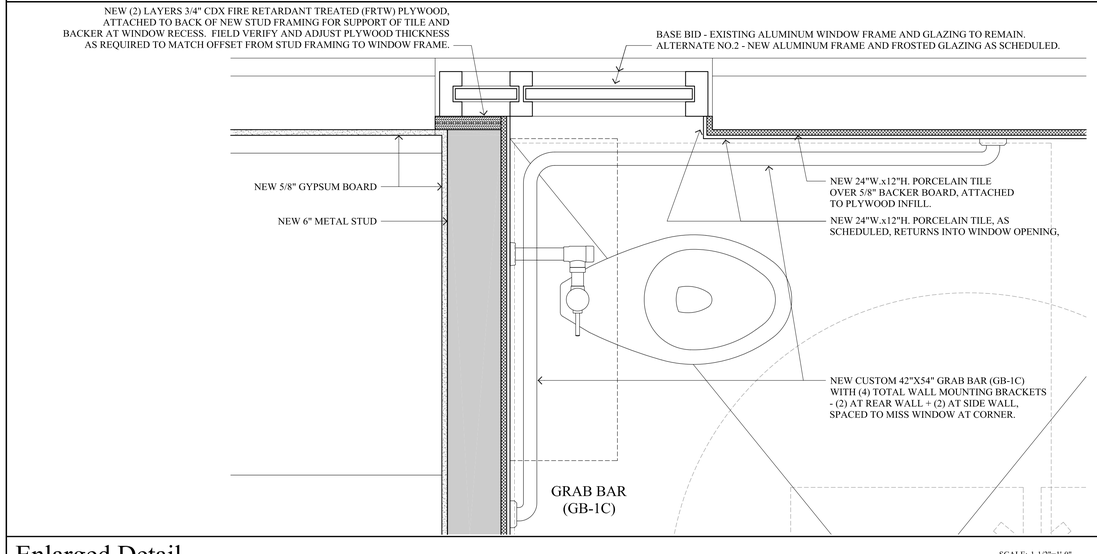
Section thru Faculty RR Sink

SCALE: 1-1/2"=1'-0" 1



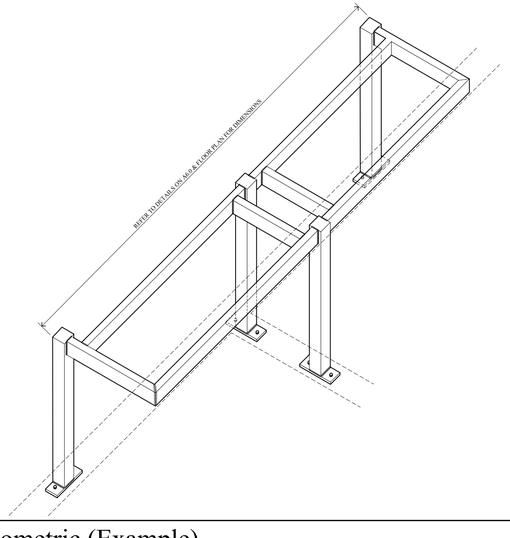
Plan View of Faculty RR Sink Support

SCALE: 1"=1'-0" 2



Enlarged Detail

SCALE: 1-1/2"=1'-0" 5



RR Vanity Support Frame Isometric (Example)

SCALE: No Scale 3

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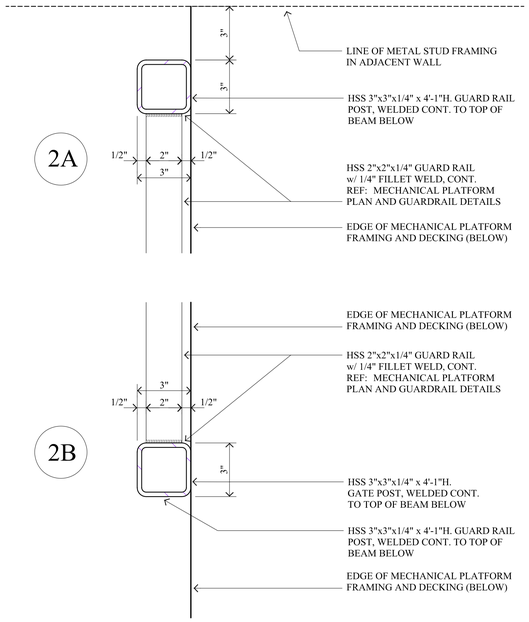
C.E.H. PROJECT NUMBER
2506

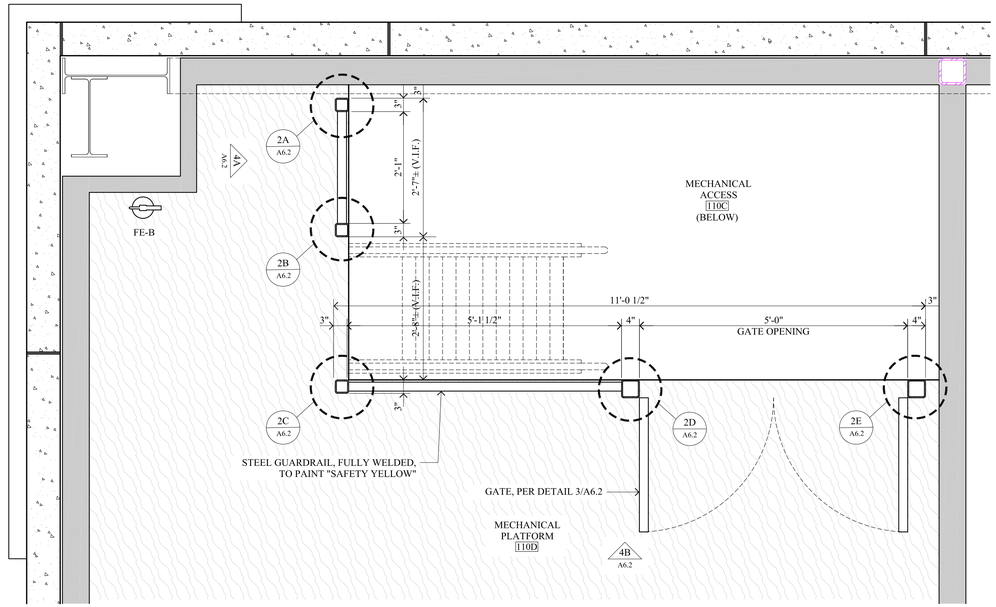
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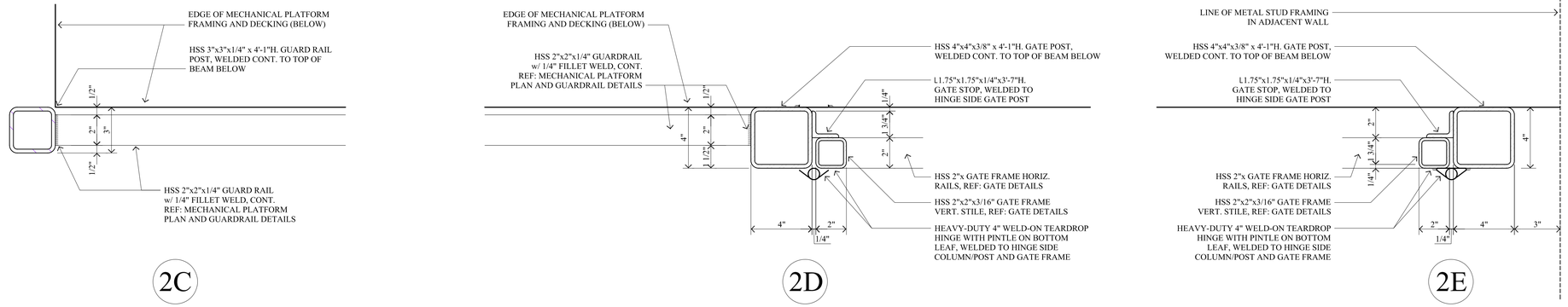




Mechanical Platform Gate - Enlarged Plan

SCALE: 3/4"=1'-0"

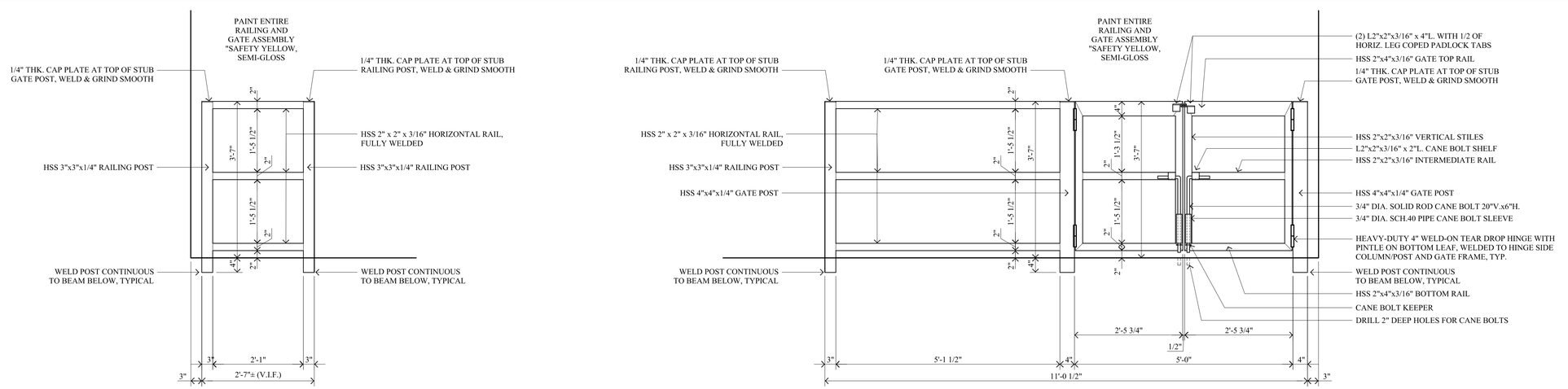
1



Mechanical Platform Guard Rail Gate Post Details

SCALE: 3"=1'-0"

2



Mechanical Platform Gate and Guardrail Elevations - Viewed from Mechanical Platform Side

SCALE: 3/4"=1'-0"

3

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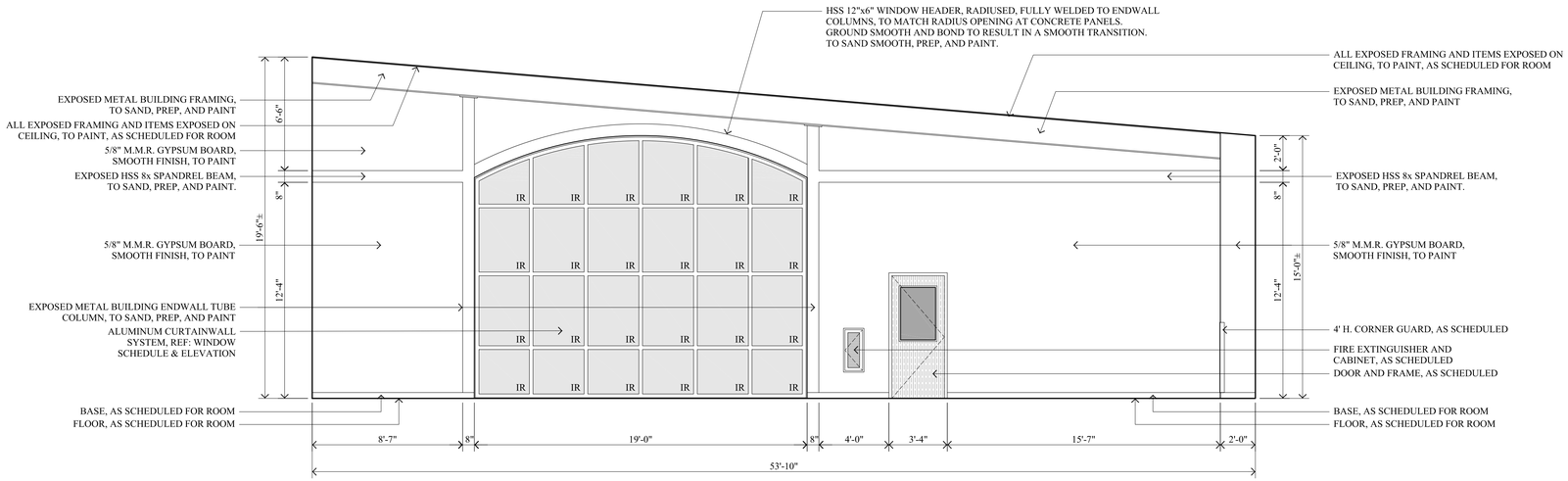
C.E.H. PROJECT NUMBER
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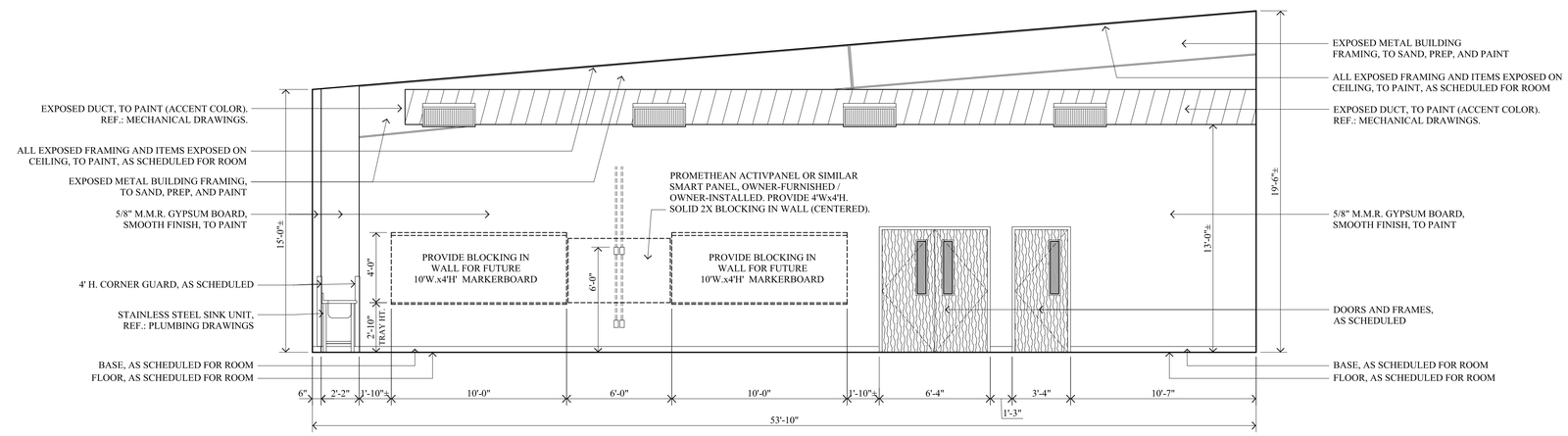
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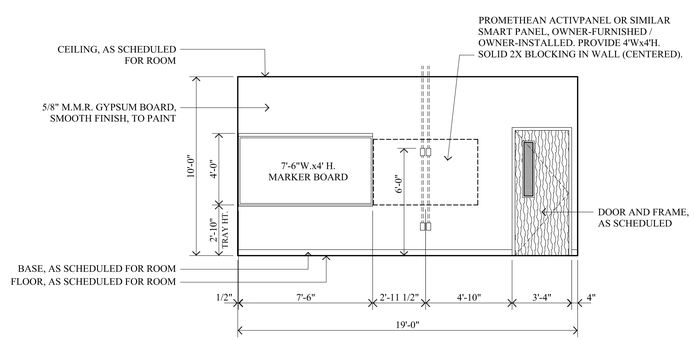
Interior Elevation - PTech Lab 110 - Base Bid

SCALE: 1/4"=1'-0" (1)



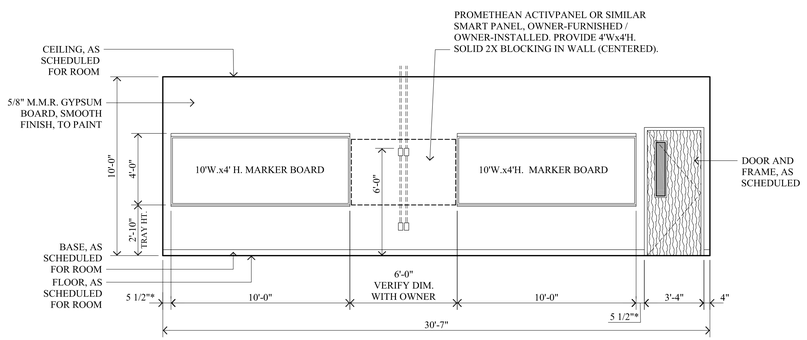
Interior Elevation - PTech Lab 110 - Base Bid

SCALE: 2 (2)



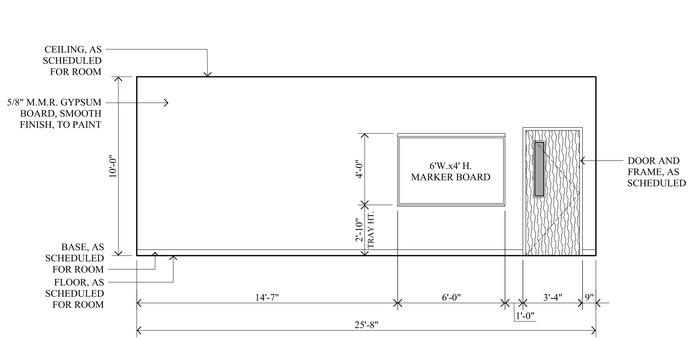
Interior Elevation - Classroom 111 - Base Bid

SCALE: 1/4"=1'-0" (3)



Interior Elevation - Classroom 109 - Base Bid

SCALE: 1/4"=1'-0" (4)



Interior Elevation - Classroom 109 - Base Bid

SCALE: 1/4"=1'-0" (5)

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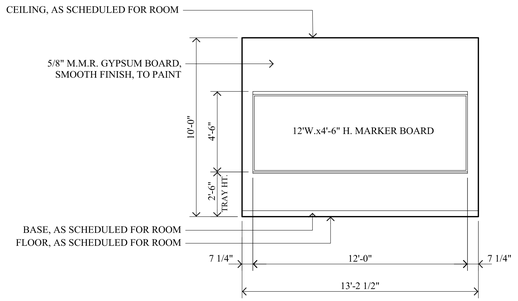
C.E.H. PROJECT NUMBER
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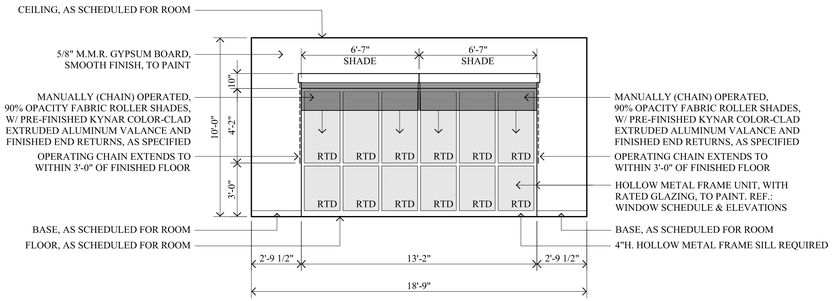
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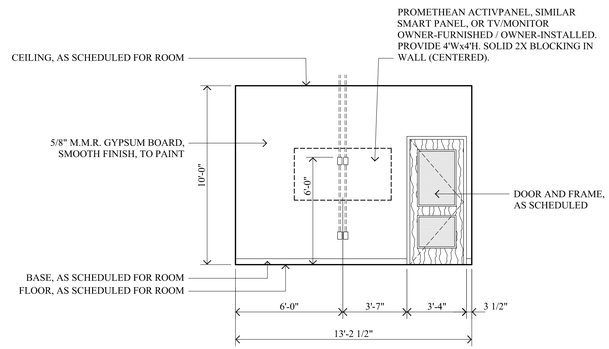
Interior Elevation - Conference Room - Alt. No.2

SCALE: 1/4"=1'-0" (1)



Interior Elevation - Conference Room - Alternate No.2

SCALE: 1/4"=1'-0" (2)



Interior Elevation - Conference Room - Alt. No.2

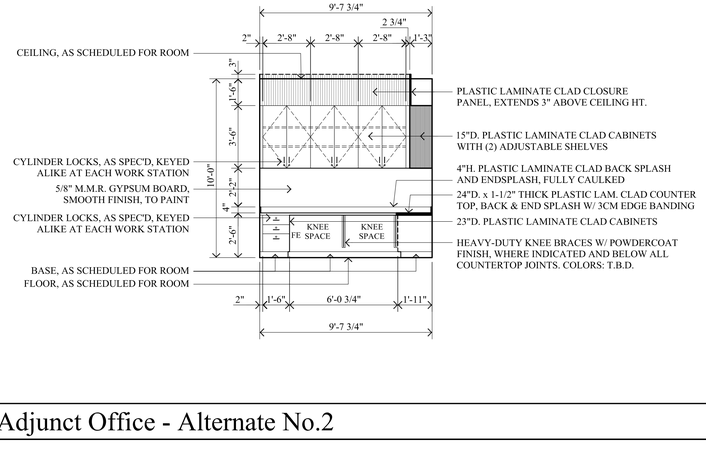
SCALE: 1/4"=1'-0" (3)

Interior Elevation - Workroom / Breakroom - Alternate No.2

SCALE: 1/4"=1'-0" (4)

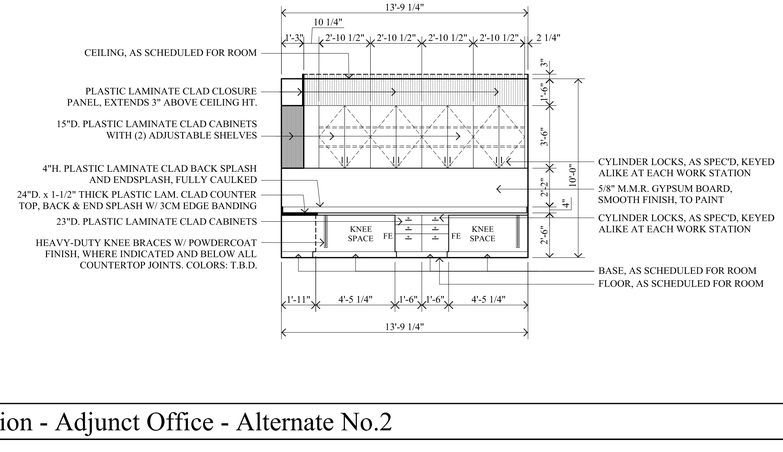
Interior Elevation - Workroom / Breakroom - Alternate No.2

SCALE: 1/4"=1'-0" (5)



Interior Elevation - Adjunct Office - Alternate No.2

SCALE: 1/4"=1'-0" (6)



Interior Elevation - Adjunct Office - Alternate No.2

SCALE: 1/4"=1'-0" (7)

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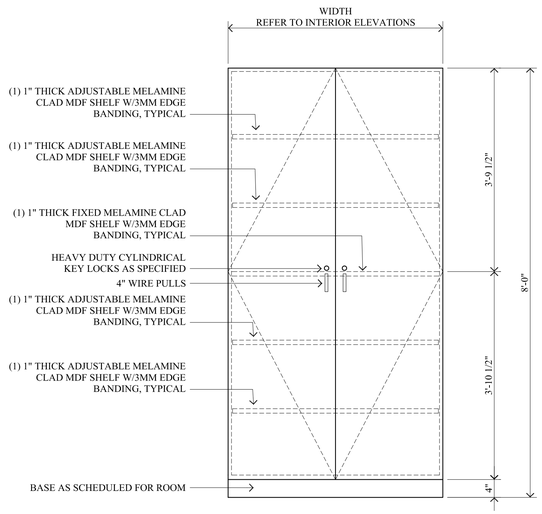
C.E.H. PROJECT NUMBER
2506

WILLIAM B. EVANS Reg. No. 8845 STATE OF LOUISIANA REGISTERED ARCHITECT

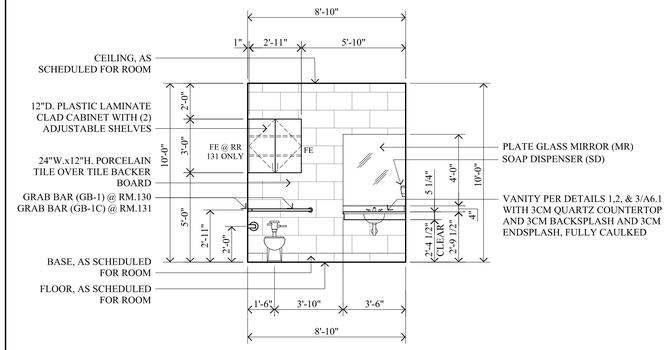
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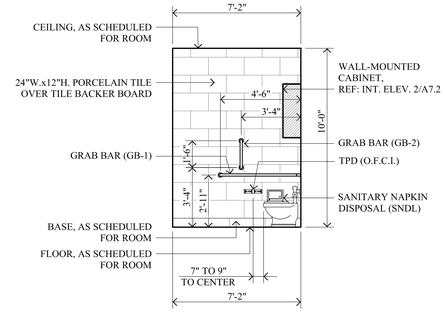
ISSUE DATE:
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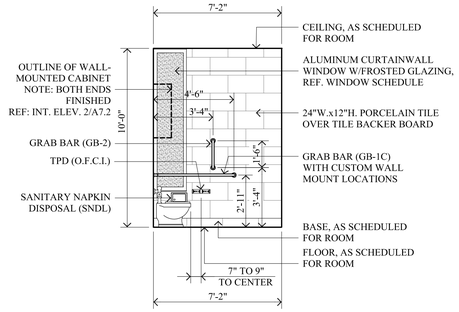
Typ. Wardrobe Storage Unit Detail - Alt. No.2 SCALE: 1"=1'-0" (1)



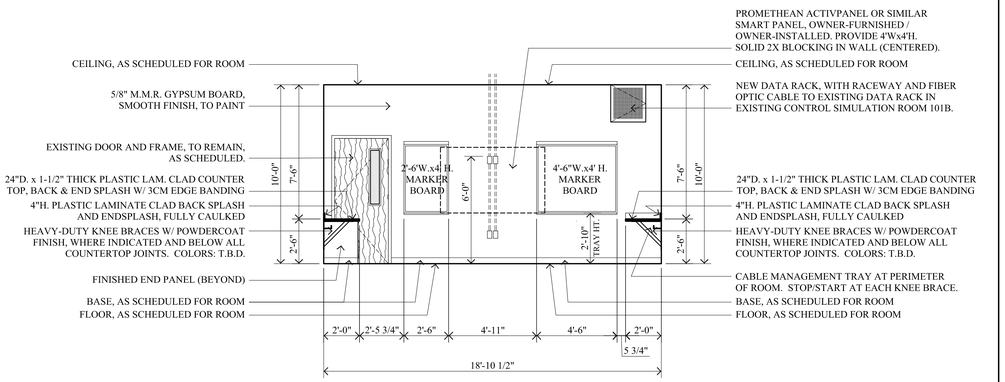
Int. Elev. - Sgl. R.R.(1 Thus/1 Mirr.) - Alt. No.2 SCALE: 1/4"=1'-0" (2)



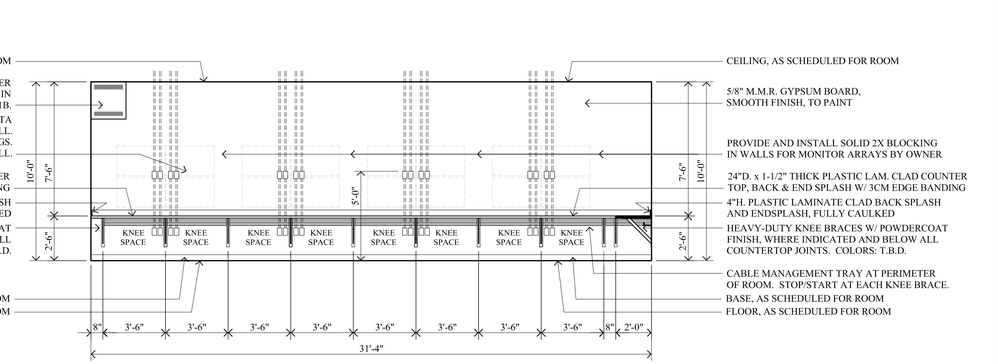
Int. Elev. @ RR 130 - Alt. No.2 SCALE: 1/4"=1'-0" (3A)



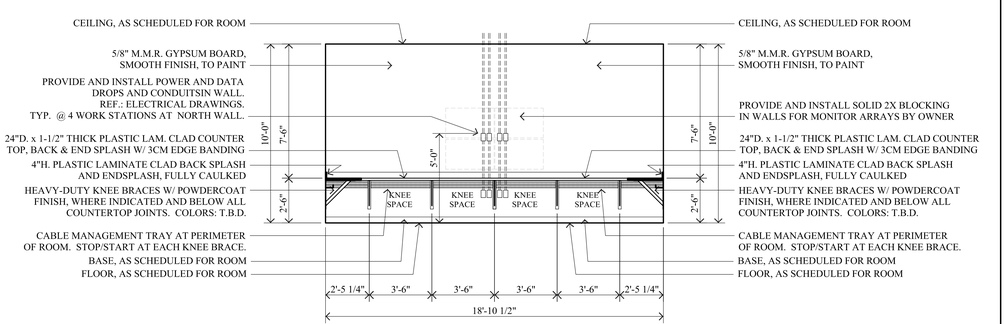
Int. Elev. @ RR 131 - Alt. No.2 SCALE: 1/4"=1'-0" (3B)



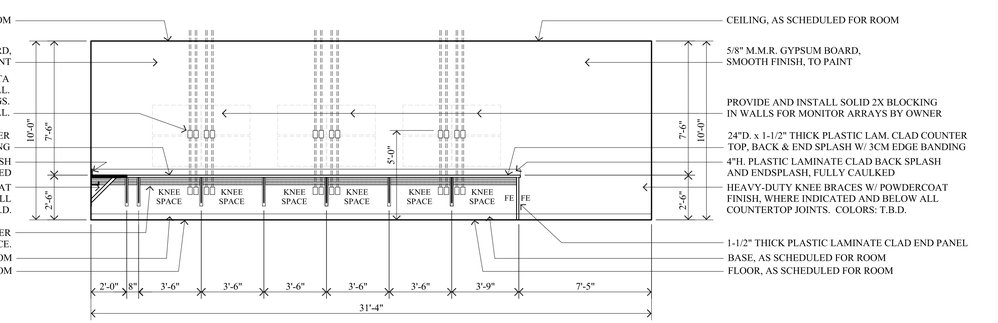
Interior Elevation - Control Room 104 - Alternate No.1 SCALE: 1/4"=1'-0" (4)



Interior Elevation - Control Room 104 - Alternate No.1 SCALE: 1/4"=1'-0" (5)



Interior Elevation - Control Room 104 - Alternate No.1 SCALE: 1/4"=1'-0" (6)



Interior Elevation - Control Room 104 - Alernate No.1 SCALE: 1/4"=1'-0" (7)

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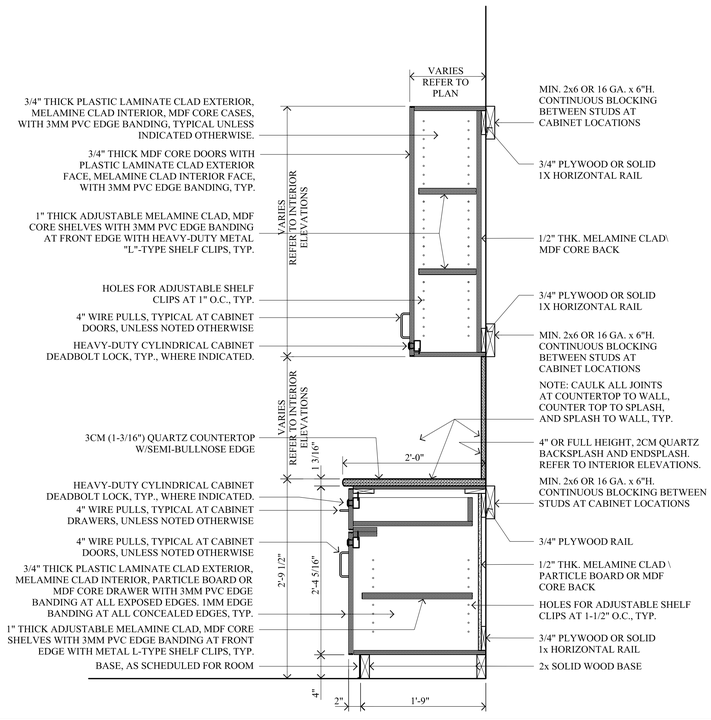
C.E.H. PROJECT NUMBER
2506

WILLIAM B. EVANS
Reg. No. 8846
STATE OF LOUISIANA
REGISTERED ARCHITECT

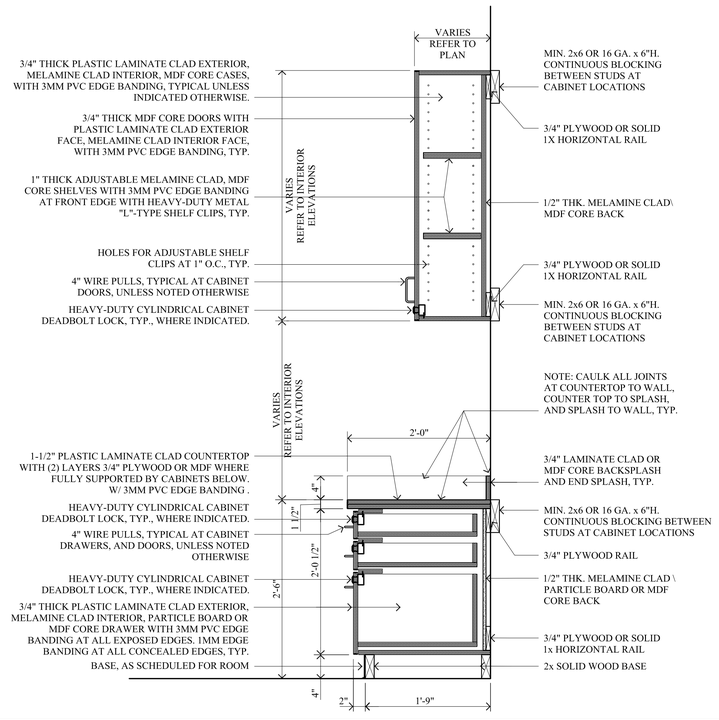
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A7.2

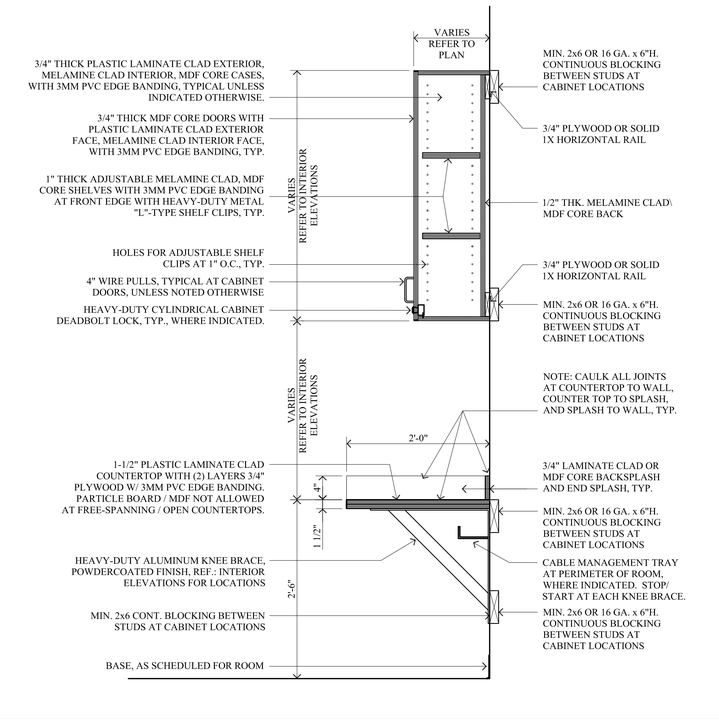
ISSUE DATE:
3 / 13 / 2026



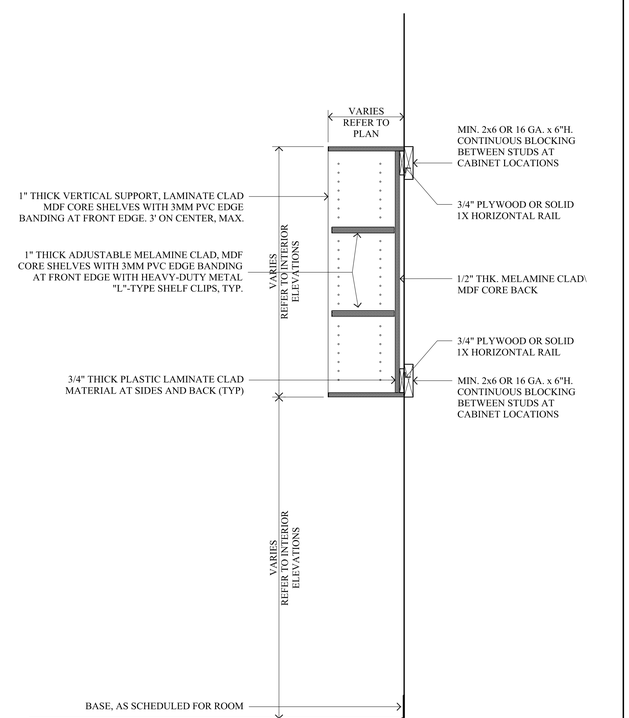
Typical Cabinet Section — SCALE: 1"=1'-0" — 1



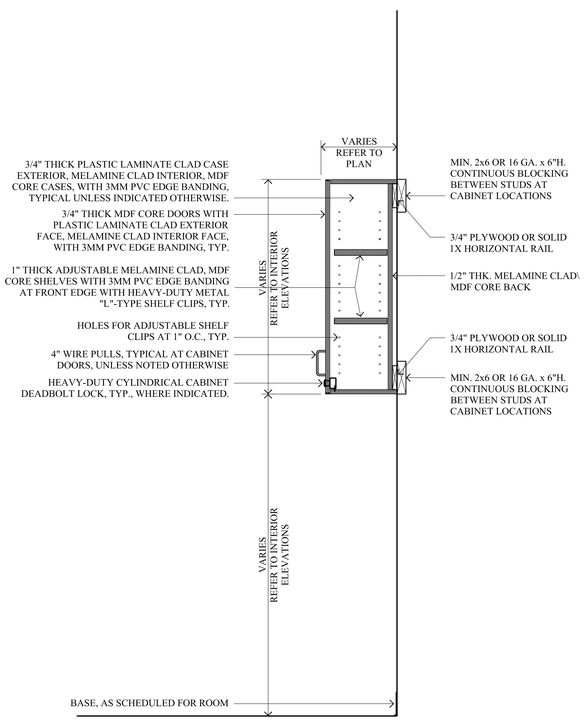
Typical Cabinet Section — SCALE: 1"=1'-0" — 2



Typical Cabinet Section — SCALE: 1"=1'-0" — 3



Typical Cabinet Section — SCALE: 1"=1'-0" — 4



Typical Cabinet Section — SCALE: 1"=1'-0" — 5

PLASTIC LAMINATE CLAD CASEWORK NOTES

- ALL CASEWORK SHALL BE PLASTIC LAMINATE CLAD A.W.I. PREMIUM GRADE, UNLESS SPECIFICALLY NOTED OTHERWISE.
- ALL CASEWORK SHALL HAVE 3MM EDGE BANDING ON ALL EXPOSED EDGES, DOOR AND DRAWER EDGES, AND SHELF EDGES (EXPOSED AND CONCEALED). COLOR AS RECOMMENDED BY THE MANUFACTURER. PROVIDE MOCK-UP SAMPLE OF LAMINATE AND EDGE BANDING FOR REVIEW AND APPROVAL BY THE ARCHITECT, PRIOR TO FABRICATION.
- WHERE CABINET CASE EDGES ARE CONCEALED BEHIND DOORS OR DRAWERS, PROVIDE 1 MM EDGE BANDING. COLOR AS RECOMMENDED BY THE MANUFACTURER. PROVIDE MOCK-UP SAMPLE OF LAMINATE AND EDGE BANDING FOR REVIEW AND APPROVAL BY THE ARCHITECT, PRIOR TO FABRICATION.
- ALL OPEN SHELF UNITS SHALL HAVE LAMINATED INTERIORS, TO MATCH EXTERIOR SURFACES. THERE SHALL BE NO OPEN/ EXPOSED MELAMINE INTERIORS.
- PLASTIC LAMINATE COLOR SELECTION SHALL BE MADE FROM WILSONART, FULL RANGE OF COLORS AND WOOD GRAINS, EXCLUDING PREMIUM FINISHES.
- FILLER PANELS ADJACENT TO WALLS SHALL BE 2" WIDE MAXIMUM, UNLESS SPECIFICALLY NOTED OTHERWISE.
- UPPER AND LOWER CABINETS, DOORS, AND OPENINGS SHALL BE ALIGNED VERTICALLY, UNLESS SPECIFICALLY NOTED OTHERWISE.
- CABINET BASES SHALL BE FABRICATED FROM SOLID 2X LUMBER STOCK. NO PARTICLE BOARD, PLYWOOD, OR MDF MATERIAL ALLOWED FOR CABINET BASES.
- ALL SHELVES SHALL BE 1" THICK, ADJUSTABLE, w/ 3MM EDGE BANDING, UNLESS NOTED OTHERWISE.
- ALL SHELF PINS SHALL BE HEAVY-DUTY METAL, "L"-BRACKET TYPE.
- CABINET CASE SIDES SHALL BE DRILLED FOR ADJUSTABLE SHELVES ON 1" CENTERS, TYPICAL.
- DRAWER GUIDES SHALL BE HEAVY-DUTY 100# FULL-EXTENSION.
- HINGES SHALL BE CONCEALED/ EUROPEAN STYLE, 105°, OFFSET AS REQUIRED.
- PULLS AT ALL CABINET DOORS AND DRAWERS SHALL BE STANDARD 4" ALUMINUM WIRE PULLS, COLOR TO BE SELECTED BY THE ARCHITECT/ OWNER.
- PROVIDE (2) 2" DIAMETER PLASTIC GROMMETS AT EVERY KNEE SPACE LOCATION, AND AT 4'-0" O.C.AT OPEN COUNTERTOPS, TYPICAL, WHETHER OR NOT SPECIFICALLY INDICATED OR CALLED OUT ON THE DRAWINGS. GROMMETS SHALL BE BY DOUG MOCKETT, FULL RANGE OF COLORS.
- ALL CABINET BASES, LEG BRACES, AND END PANELS SHALL RECEIVE BASE MATERIAL AS SCHEDULED FOR THE ROOM, TYPICAL AT ALL LOCATIONS, UNLESS SPECIFICALLY NOTED OTHERWISE.
- CABINET DOORS AND DRAWER LOCKS, WHERE INDICATED, SHALL BE OLYMPUS SERIES 500 OR SERIES 600 CYLINDRICAL DEADLOCK, AS REQUIRED FOR THE APPLICATION. KEYING SHALL BE SIMILAR AT ALL DOORS AND DRAWERS AT EACH WORK STATION, OR ROOM, AS REQUIRED BY THE OWNER. RANDOM KEYING SHALL NOT BE ACCEPTED..

PLASTIC LAMINATE-CLAD COUNTER TOP NOTES

- PROVIDE PLASTIC LAMINATE CLAD BACKSPLASH AND ENDSPLASH AT ALL COUNTERTOPS. PROVIDE FULL HEIGHT / FULL WIDTH BACKSPLASH WHERE INDICATED.
- PLASTIC LAMINATE COLOR SELECTION SHALL BE MADE FROM WILSONART, FULL RANGE OF COLORS, EXCLUDING PREMIUM FINISHES.
- PLASTIC LAMINATE COUNTER TOPS SHALL BE CONSTRUCTED FROM 1-1/2" OR 1" THICK PLYWOOD, PARTICLE BOARD, OR MDF MATERIAL, AS NOTED.
- PLASTIC LAMINATE CLAD COUNTERTOPS SHALL HAVE 3MM COLOR-MATCHED EDGE BANDING, TYPICAL. COLOR AS RECOMMENDED BY THE MANUFACTURER. PROVIDE MOCK-UP SAMPLE OF LAMINATE AND EDGE BANDING FOR REVIEW AND APPROVAL BY THE ARCHITECT, PRIOR TO FABRICATION.
- ALL JOINTS BETWEEN ALL COUNTERTOPS, BACKSPLASH, AND ENDSPLASH SHALL BE CAULKED WITH COLOR-MATCH CAULK, AS RECOMMENDED BY THE LAMINATE MANUFACTURER. PROVIDE MOCK-UP SAMPLE OF COLOR-MATCH CAULK FOR REVIEW AND APPROVAL BY THE ARCHITECT, PRIOR TO INSTALLATION.
- ALL JOINTS BETWEEN ALL COUNTERTOPS, BACKSPLASH, ENDSPLASH AND TO ADJACENT WALLS OR CABINETS HALL BE CAULKED WITH COLOR-MATCH CAULK, AS RECOMMENDED BY THE LAMINATE MANUFACTURER. PROVIDE MOCK-UP SAMPLE OF COLOR-MATCH CAULK FOR REVIEW AND APPROVAL BY THE ARCHITECT, PRIOR TO INSTALLATION.

QUARTZ COUNTERTOP NOTES:

- COUNTERTOPS SHALL BE 3CM QUARTZ WITH SEMI-BULLNOSE PROFILE AT ALL EXPOSED EDGES, EXCEPT WHERE NOTED OR DETAILED OTHERWISE.
- PROVIDE 2CM QUARTZ BACKSPLASH AND ENDSPLASH AT ALL LOCATIONS WHERE COUNTERTOPS ABUTT TO WALLS OR ADJACENT CABINETS. BACKSPLASH AND ENDSPLASH SHALL BE OF HEIGHT NOTED, OR FULL HEIGHT, AS NOTED AND / OR DETAILED. 1 CM QUARTZ MAY BE UTILIZED AT FULL HEIGHT BACKSPLASH.
- ALL JOINTS BETWEEN ALL COUNTERTOPS, BACKSPLASH, AND ENDSPLASH SHALL BE CAULKED WITH COLOR-MATCH CAULK, AS RECOMMENDED BY THE QUARTZ MANUFACTURER. PROVIDE MOCK-UP SAMPLE OF COLOR-MATCH CAULK FOR REVIEW AND APPROVAL BY THE ARCHITECT, PRIOR TO INSTALLATION.
- ALL JOINTS BETWEEN ALL COUNTERTOPS, BACKSPLASH, ENDSPLASH AND TO ADJACENT WALLS OR CABINETS HALL BE CAULKED WITH COLOR-MATCH CAULK, AS RECOMMENDED BY THE QUARTZ MANUFACTURER. PROVIDE MOCK-UP SAMPLE OF COLOR-MATCH CAULK FOR REVIEW AND APPROVAL BY THE ARCHITECT, PRIOR TO INSTALLATION.

SOLID POLYMER SOLID SURFACE WINDOW SILL NOTES:

- WINDOW SILLS SHALL BE 1CM SOLID POLYMER WITH 3CM LAMINATED BULLNOSE PROFILE AT ALL EXPOSED EDGES, EXCEPT WHERE NOTED OR DETAILED OTHERWISE.
- ALL JOINTS BETWEEN ALL COUNTERTOPS, BACKSPLASH, ENDSPLASH AND TO ADJACENT WALLS OR CABINETS SHALL BE CAULKED WITH COLOR-MATCH CAULK, AS RECOMMENDED BY THE SOLID SURFACE MANUFACTURER. PROVIDE MOCK-UP SAMPLE OF COLOR-MATCH CAULK FOR REVIEW AND APPROVAL BY THE ARCHITECT, PRIOR TO INSTALLATION.

Casework/Millwork, Counter Tops, and Window Sills General Notes — SCALE: 1"=1'-0" — 6

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C.E.H. PROJECT NUMBER
2506

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Reg. No. 8846
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REGISTERED ARCHITECT

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A7.3

ISSUE DATE:
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Existing Exterior Elevation

SCALE: No Scale

1



Existing Exterior Elevation

SCALE: No Scale

2



Existing Exterior Elevation

SCALE: No Scale

3

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A8.0

ISSUE DATE:
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Existing Exterior Elevation

SCALE: No Scale

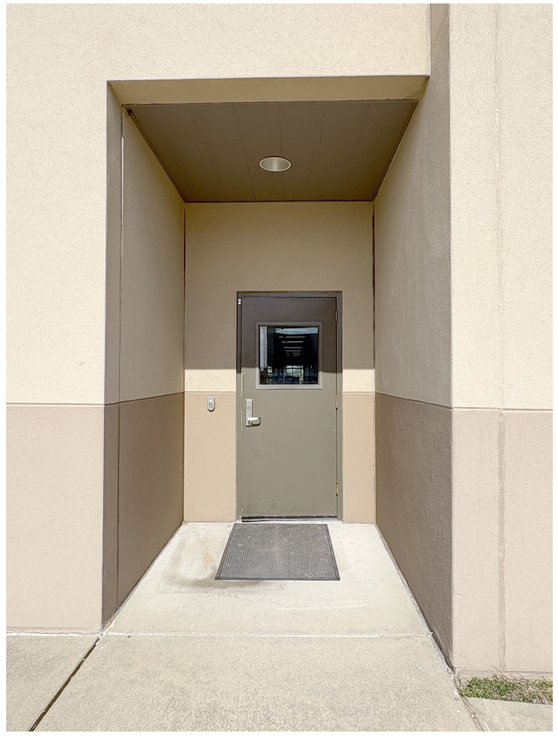
4



Existing Exterior Elevation

SCALE: No Scale

5



Existing Exterior Elevation

SCALE: No Scale

6



Existing Exterior Elevation

SCALE: No Scale

7

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A8.1

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Existing Exterior Elevation

SCALE: No Scale

8



Existing Exterior Elevation

SCALE: No Scale

9



Existing Exterior Elevation

SCALE: No Scale

10



Existing Site Photo

SCALE: No Scale

11

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A8.2

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Existing Site Photo SCALE: No Scale 12



Existing Site Photo SCALE: No Scale 13



Existing Site Photo SCALE: No Scale 14



Existing Site Photo SCALE: No Scale 15



Existing Site Photo SCALE: No Scale 16



Existing Site Photo SCALE: No Scale 17

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Existing Site Photo SCALE: No Scale 18



Existing Site Photo SCALE: No Scale 19



Existing Site Photo SCALE: No Scale 20



Existing Site Photo SCALE: No Scale 21



Existing Site Photo SCALE: No Scale 22



Existing Site Photo SCALE: No Scale 23

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Existing Site Photo SCALE: No Scale 24



Existing Site Photo SCALE: No Scale 25



Existing Site Photo SCALE: No Scale 26



Existing Site Photo SCALE: No Scale 27



Existing Site Photo SCALE: No Scale 28



Existing Site Photo SCALE: No Scale 29

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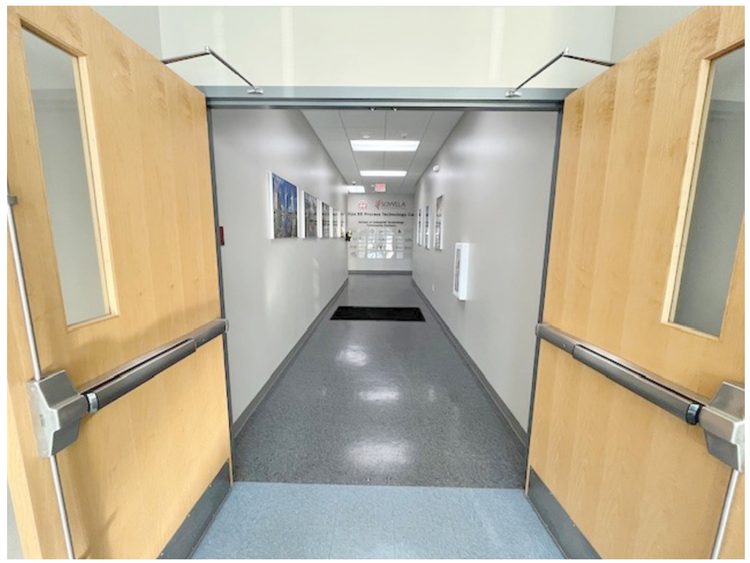
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Existing Interior Photo SCALE: No Scale 31



Existing Interior Photo SCALE: No Scale 32



Existing Interior Photo SCALE: No Scale 33



Existing Interior Photo SCALE: No Scale 34



Existing Interior Photo SCALE: No Scale 35

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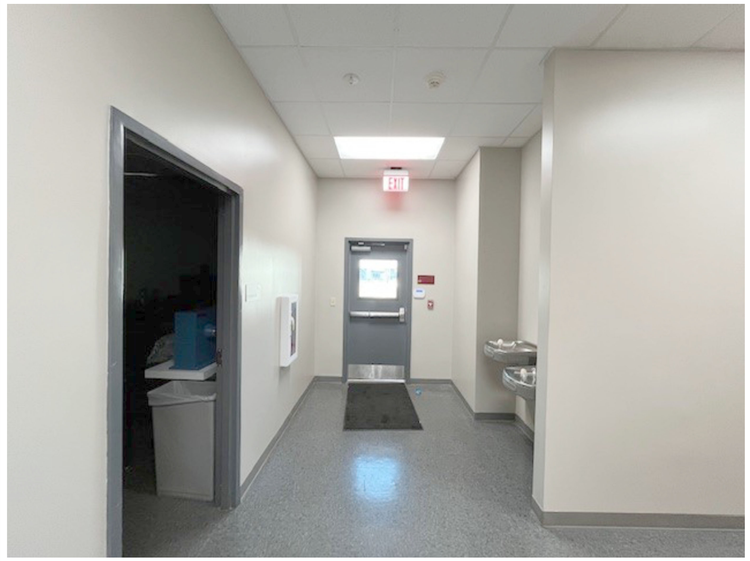
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A8.6

ISSUE DATE:
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Existing Interior Photo SCALE: No Scale 37



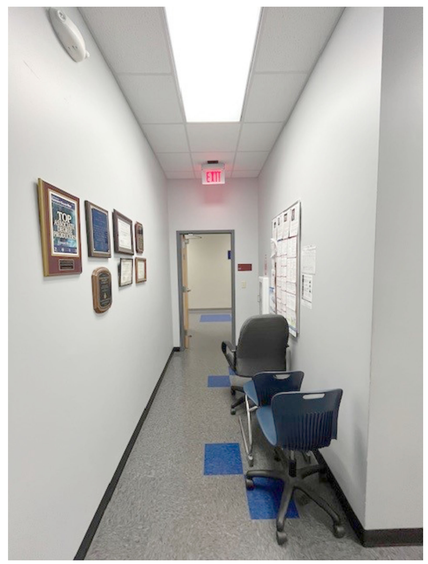
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Existing Interior Photo SCALE: No Scale 39



Existing Interior Photo SCALE: No Scale 40



Existing Interior Photo SCALE: No Scale 41

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ISSUE DATE:
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Existing Interior Photo SCALE: No Scale 42



Existing Interior Photo SCALE: No Scale 43



Existing Interior Photo SCALE: No Scale 44



Existing Interior Photo SCALE: No Scale 45



Existing Interior Photo SCALE: No Scale 46



Existing Interior Photo SCALE: No Scale 47

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PROCESS TECHNOLOGY BUILDING EXPANSION
for Sowela Technical Community College
3500 Senator J. Bennett Johnston Ave. | Lake Charles, LA 70615

C.E.H. PROJECT NUMBER
2506

WILLIAM B. EVANS
Reg. No. 8846
STATE OF LOUISIANA
REGISTERED ARCHITECT

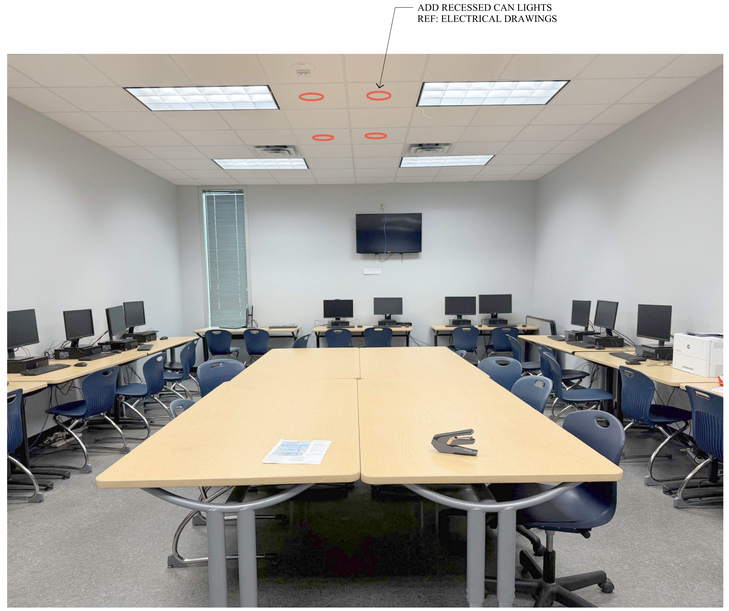
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A8.8

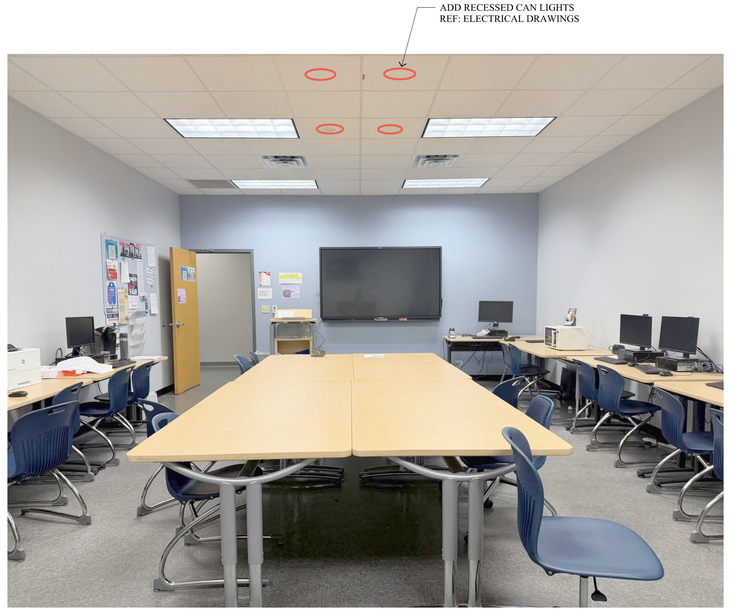
ISSUE DATE:
3 / 13 / 2026



Existing Interior Photo SCALE: No Scale 48



Existing Interior Photo SCALE: No Scale 49



Existing Interior Photo SCALE: No Scale 50

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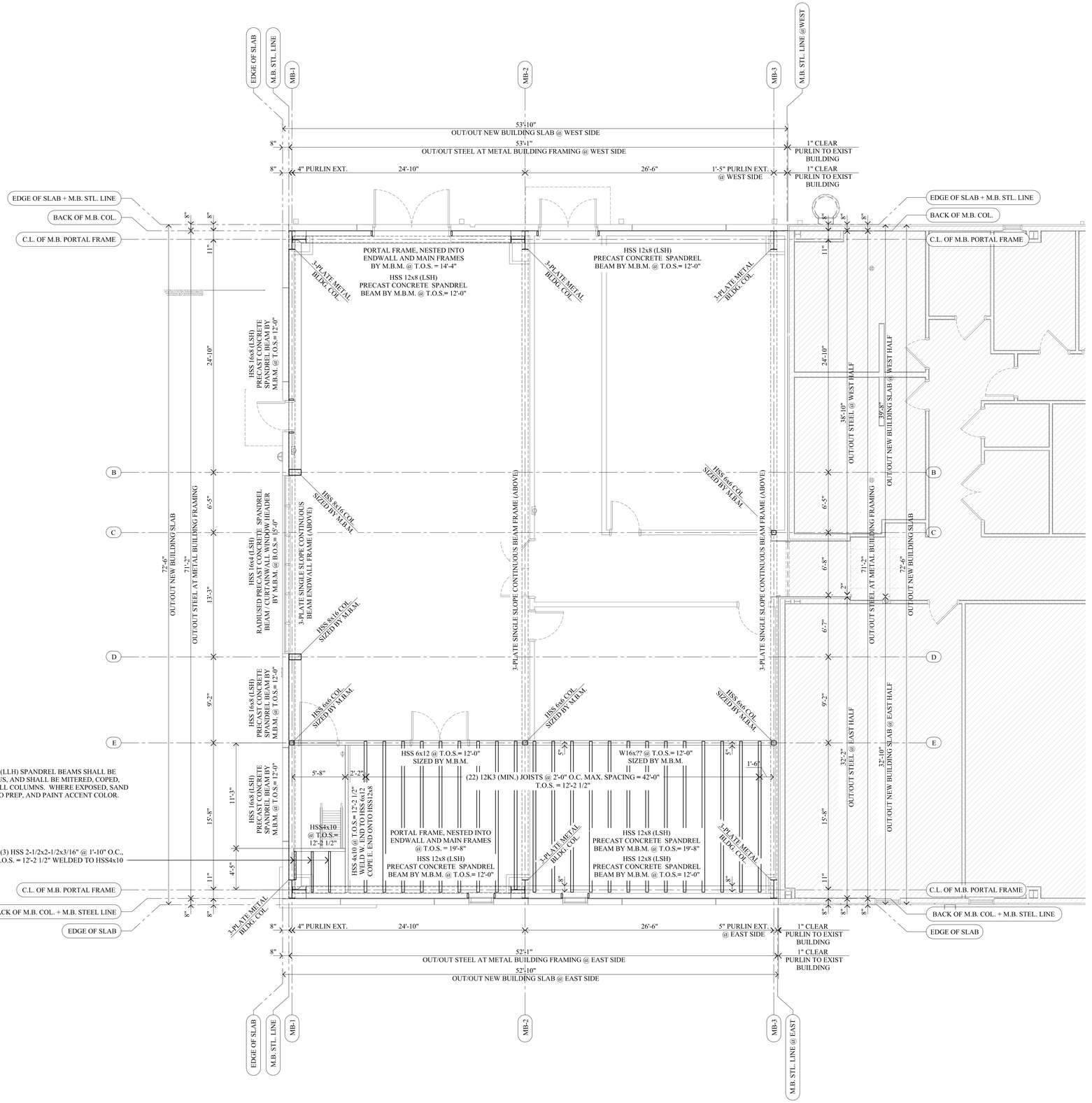
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A8.9

ISSUE DATE:
3 / 13 / 2026



Metal Building Framing Plan @ Ground (0'-0") + Mechanical Platform Level (+12'-4") - Base Bid

SCALE: 1/8" = 1'-0"

1

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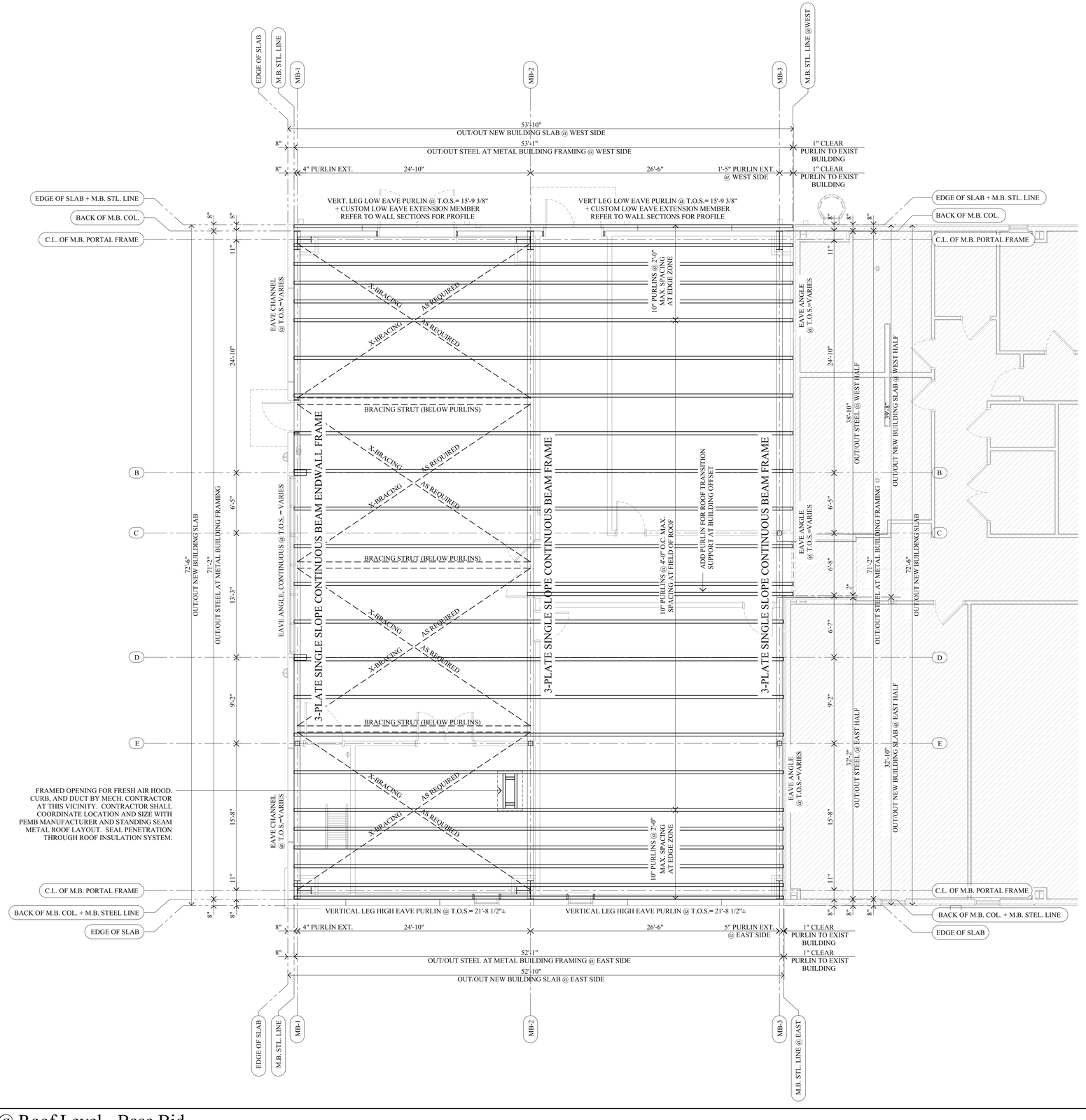
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MB-1

ISSUE DATE:
3 / 13 / 2026



Metal Building Framing Plan @ Roof Level - Base Bid

SCALE: 3/16"=1'-0"

2

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STATE OF LOUISIANA
REGISTERED ARCHITECT

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MB-2

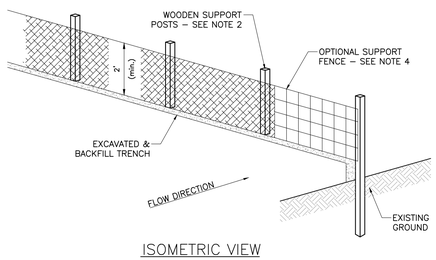
ISSUE DATE:
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1 STORM WATER POLLUTION PREVENTION (SWPPP) PLAN

SCALE: 1" = 10'-0"

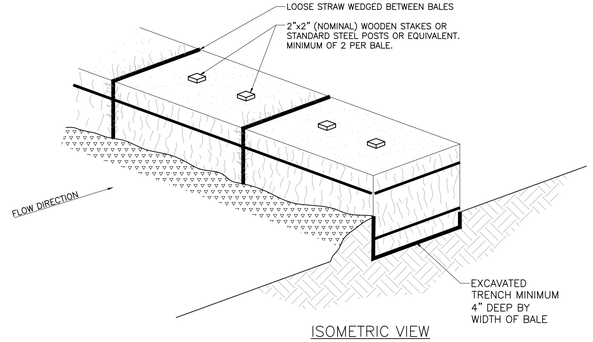
THE SILT FENCING SHOWN IN THIS PLAN IS A SUGGESTED LAYOUT ONLY. CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH THE EPA STORMWATER RUNOFF RULES. SEE GENERAL CONSTRUCTION NOTES



ISOMETRIC VIEW

2 TYPICAL TEMPORARY SILT FENCING

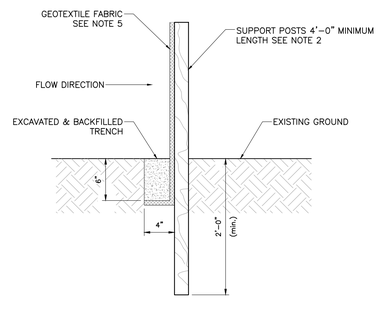
SCALE: NOT TO SCALE



ISOMETRIC VIEW

3 STRAW BALE SEDIMENT TRAP

SCALE: NOT TO SCALE



4 TYPICAL SILT FENCE DETAIL

SCALE: NOT TO SCALE

LEGEND

- EXISTING CONCRETE
- 6" THICK CONCRETE
- 10" THICK CONCRETE
- 4" THICK CONCRETE
- HYDROSEED "GREEN" AREAS
- PROJECT LIMITS AND SILT FENCE
- APPROXIMATE LIMITS OF DEMOLITION
- XX.XX — EXISTING ELEVATIONS
- XX.XX — BOTTOM OF CURB FINISHED ELEVATIONS- M.E. DENOTES MATCH EXISTING ELEVATION
- XX.XX — TOP OF CURB FINISHED ELEVATIONS- M.E. DENOTES MATCH EXISTING ELEVATION
- NEW CATCH BASIN
- NEW WINGED HEADWALL

EROSION CONTROL NOTES

1. THE CONTRACTOR IS RESPONSIBLE FOR COMPLYING WITH EPA STORMWATER RUNOFF RULES USING "BEST MANAGEMENT PRACTICES" AND/OR TEMPORARY EROSION CONTROL MEASURES DURING CONSTRUCTION.
2. TYPICAL EROSION CONTROLS CAN BE, BUT ARE NOT LIMITED TO, MULCHING, GRASS, STOCKPILE COVERS, ETC. TYPICAL SEDIMENT CONTROLS (SEE DETAIL 2,3, & 4/C0.0) CAN BE, BUT ARE NOT LIMITED TO, SILT FENCING, INLET PROTECTION, SEDIMENT TRAPS, ETC.
3. CONTRACTOR SHALL INSPECT AND REPAIR EROSION AND SEDIMENT CONTROLS IMMEDIATELY AFTER MAJOR RAIN EVENTS.
4. AFTER INSTALLATION OF EACH NEW CATCH BASIN CONTRACTOR SHALL ADEQUATELY SUPPLY AND INSTALL HAY BALES AND/OR FILTER FABRIC OVER EACH DRAIN INLETS. CONTRACTOR SHALL REMOVE ALL HAY BALES, SILT FENCING, ETC.
5. CONTRACTOR SHALL MAINTAIN SILT FENCING SURROUNDING STOCK PILES THROUGHOUT DURATION OF WORK.
6. CONTRACTOR SHALL SEED OR HYDROSEED GRASS AREAS IMMEDIATELY AFTER FINISH GRADING WORK.
7. THE GEOTEXTILE FABRIC SHALL BE PLACED IN THE EXCAVATED TRENCH, BACKFILLED, AND COMPACTED TO THE EXISTING GROUND SURFACE.
8. WOODEN SUPPORT POSTS SHALL BE A MINIMUM DIMENSION OF 2" X 2" (NOMINAL) SOFT WOOD OR 1–1/8" x 1–1/8" AIR OR KILN DRIED POSTS OF HICKORY OR OAK. STEEL POSTS SHALL BE STUDDED "TEE" OR "U" TYPE WITH A MINIMUM WEIGHT OF 1.3 POUNDS PER LINEAL FOOT. POST SPACING SHALL BE A MAXIMUM OF 8 FEET.
9. THE GEOTEXTILE FABRIC SHALL BE ATTACHED DIRECTLY TO THE UPSLOPE SIDE OF WOODEN POSTS WITH WIRE STAPLES IN AT LEAST 3 PLACES, OR WITH WOODEN LATH AND NAILS. ATTACHMENT TO STEEL POSTS WILL BE BY WIRE FASTENERS OR PLASTIC TIE STRAPS.
10. A WIRE SUPPORT FENCE MAY BE INSTALLED TO WHICH THE GEOTEXTILE FABRIC IS ATTACHED. THE WIRE SHALL BE A MINIMUM OF 14–1/2 GAGE WOVEN WIRE WITH A MAXIMUM MESH SPACING OF 6 INCHES. POST SPACING SHALL BE A MAXIMUM OF 10 FEET. THE GEOTEXTILE FABRIC SHALL BE FOLDED 3 INCHES OVER THE WIRE FENCE AND SECURED WITH STAPLES OR WIRE RINGS SPACED AT 12 INCHES.
11. THE GEOTEXTILE FABRIC SHALL CONSIST OF EITHER WOVEN OR NON–WOVEN POLYESTER, POLYPROPYLENE, STABILIZED NYLON, POLYETHYLENE, OR POLYVINYLIDENE CHLORIDE. NON–WOVEN FABRIC MAY BE NEEDLE PUNCHED, HEAT BONDED, RESIN BONDED, OR COMBINATIONS THEREOF. ALL FABRIC SHALL MEET THE FOLLOWING REQUIREMENTS:

TEST REQUIREMENT	METHOD	VALUE *
MINIMUM GRAB TENSILE STRENGTH IN THE MACHINE DIRECTION	ASTM D 4632	120 LBS.
MINIMUM GRAB TENSILE STRENGTH IN THE CROSS MACHINE DIRECTION	ASTM D 4632	120 LBS.
MAXIMUM APPARENT OPENING SIZE EQUIVALENT STANDARD SIEVE	ASTM D 4751	NO. 30
MINIMUM PERMITTIVITY	ASTM D 4491	0.05 SEC
MINIMUM ULTRAVIOLET STABILITY RETAINED	ASTM D 4355	70% PERCENTAGE OF STRENGTH AFTER 500 HOURS OF EXPOSURE

*ALL NUMERICAL VALUES REPRESENT MINIMUM/MAXIMUM AVERAGE ROLL VALUES. (FOR EXAMPLE, THE AVERAGE OF MINIMUM TEST RESULTS ON ANY ROLL IN A LOT SHOULD MEET OR EXCEED THE MINIMUM SPECIFIED VALUES.)

12. TURN THE ENDS OF THE STRAW BALE SEDIMENT TRAP UPSLOPE 1 TO 2 FEET IN ELEVATION TO PREVENT FLANKING.
13. THE STRAW BALES SHALL BE BUTTED TOGETHER AS TIGHTLY AS POSSIBLE.
14. THE FIRST ANCHOR STAKE SHALL BE DRIVEN TOWARD THE PREVIOUSLY ANCHORED BALE TO HELP CREATE A TIGHT FIT.

HYDRAULIC MULCHING "HYDROSEEDING"

ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY SHALL BE HYDROSEEDED AS FOLLOWS:

HYDRAULIC MULCHING SHALL CONSIST OF THE MIXING OF PURE WOOD FIBER MULCH, GRASS SEED, FERTILIZER AND TACKTIFIER EMULSION WITH WATER. IT SHALL BE MIXED IN STANDARD HYDRAULIC MULCHING EQUIPMENT TO FORM A HOMOGENEOUS SLURRY. THE SLURRY SHALL BE SPRAYED, UNDER PRESSURE, UNIFORMLY OVER THE SOIL SURFACE AT THE MATERIAL APPLICATION RATE RECOMMENDED BY THE EQUIPMENT MANUFACTURER. THE HYDRAULIC MULCHING EQUIPMENT SHALL CONTAIN A MOTORIZED CONTINUOUS AGITATION SYSTEM THAT BLENDS ALL MATERIALS IN UNIFORM SUSPENSION THROUGHOUT THE MIXING AND DISTRIBUTION SPRAY CYCLE. THESE MATERIALS SHALL BE DISTRIBUTED

AT THE FOLLOWING RATES:

PURE VIRGIN WOOD FIBER MULCH	1500#/ACRE MIN.
13–13–13 FERTILIZER	615#/ACRE
HULLED BERMUDA (CERTIFIED)	30#/ACRE
UNHULLED BERMUDA (COOL SEASON)	30#/ACRE
ANNUAL RYE GRASS (COOL SEASON)	30#/ACRE

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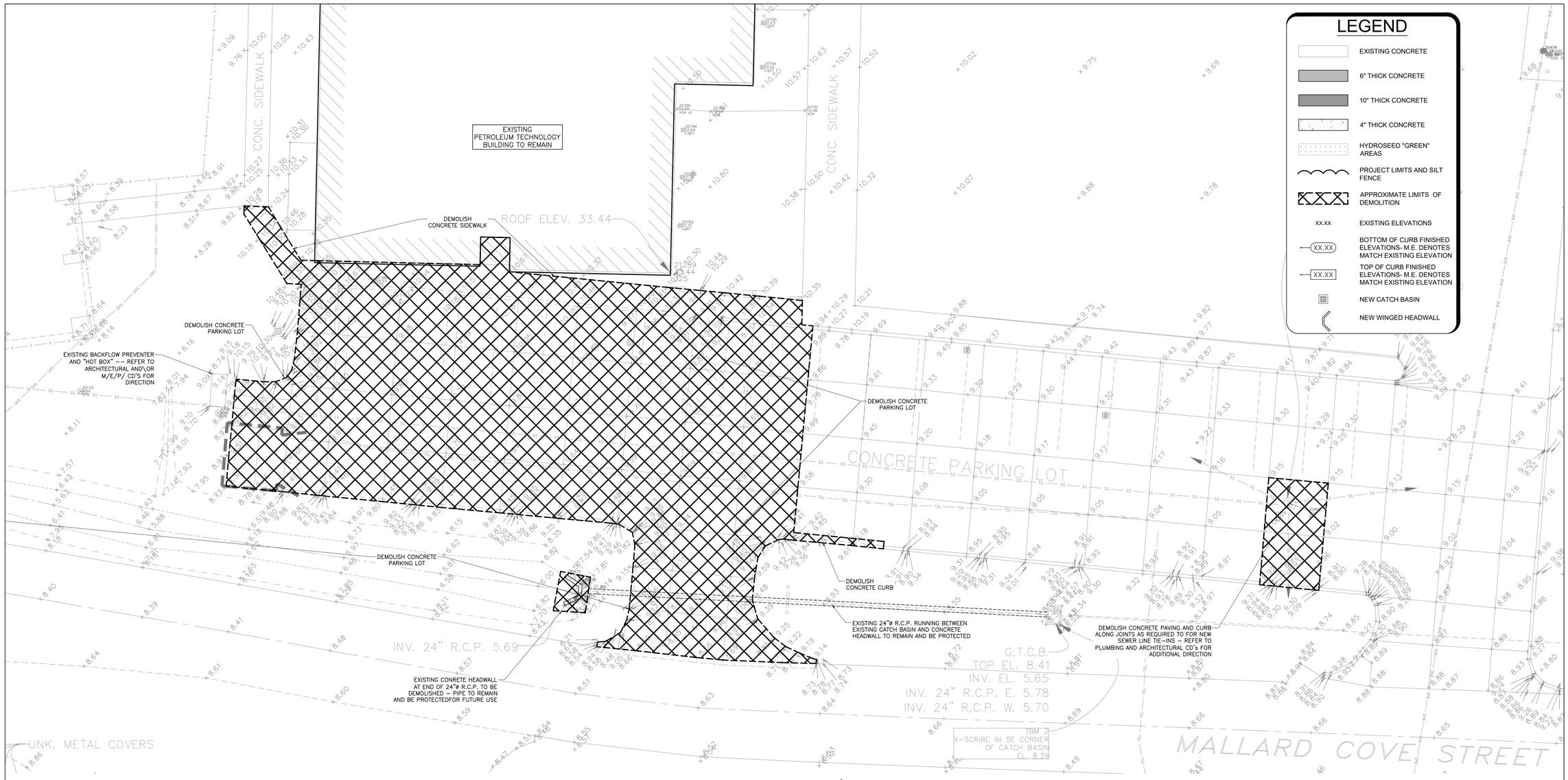
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C0.0
SWPP PLAN

ISSUE DATE:
3/13/2026



1 DEMOLITION PLAN
SCALE: 1" = 10'-0"

NORTH

GENERAL DEMOLITION NOTES

1. CONTRACTOR SHALL CONFIRM LOCATION, SIZE, ETC. OF ALL EXISTING SUBSURFACE DRAINAGE PIPING. ANY EXISTING ROOF DRAINS AND SUBSURFACE PIPING TO REMAIN SHALL BE REROUTED AND TIED INTO THE NEW SUBSURFACE DRAINAGE SYSTEM.
2. SAW CUT AND DEMOLISH EXISTING PAVING ONLY AS REQUIRED TO INSTALL NEW DRAINAGE STRUCTURES

DEMOLITION SCOPE OF WORK

1. DEMOLITION SCOPE INCLUDES THE COMPLETE DEMOLITION, REMOVAL AND LAWFUL OFF-SITE DISPOSAL ("DEMOLITION") OF +/- 22,000 SQUARE FEET OF CONCRETE PAVING AND SIDEWALKS.
2. SCOPE ALSO INCLUDES DEMOLITION OF ALL IMPROVEMENTS AND BUILD-OUTS INSIDE THE BUILDINGS/STRUCTURES.
3. REMOVAL AND LAWFUL OFF-SITE DISPOSAL OF ALL CONTENTS IN AND ADJACENT TO THE BUILDING. OWNER WILL SALVAGE ALL DESIRED ITEMS PRIOR TO ISSUANCE OF NOTICE TO PROCEED.
4. ALL EXISTING IMPROVEMENTS AND PROPERTY THAT ARE TO REMAIN ARE TO BE PROTECTED FROM DAMAGE AND POSITIVE DRAINAGE MUST BE PROVIDED. ANY DAMAGE SHALL BE REPAIRED BY, AND AT THE COST OF, THE CONTRACTOR, WITH NO MODIFICATION OF THE CONSTRUCTION CONTRACT.
5. ALL EXISTING UTILITIES UNDER AND WITHIN FIVE (5') OUTSIDE OF THE PROPOSED NEW BUILDING LINE SHALL BE DEMOLISHED IN THEIR ENTIRETY. ALL EXISTING UTILITIES OUTSIDE OF THE PROPOSED BUILDING LIMITS NOT VERIFIED WITHIN THIS DEMO PLAN SHALL BE VERIFIED WITH THE ARCHITECT AND/OR MEP. REFER TO CONSTRUCTION DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

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C0.1
DEMOLITION PLAN

ISSUE DATE:
3/13/2026



1 SITE PLAN

SCALE: 1" = 10'-0"

NORTH

NOTE:

CONTRACTOR IS TO HAVE A LICENSED SURVEYOR SET A TEMPORARY BENCH MARK.

ALL DIMENSIONS ARE TO OUTSIDE FACE OF CURB U.N.O

CONTRACTOR MUST HYDROSEED ALL "GREEN" AREAS IMMEDIATELY FOLLOWING COMPLETION OF FINISH GRADING.

GENERAL CIVIL NOTES

1. WHERE PHYSICAL JOB SITE MEASUREMENTS ARE REQUIRED BEFORE FABRICATION, IT IS THE SOLE DUTY OF THE CONTRACTOR TO DETERMINE ACTUAL CONSTRUCTION DETAILS PRIOR TO FABRICATION.
2. ANY DISCREPANCIES OR CONFLICTS IN THE CONSTRUCTION DOCUMENTS SHALL BE REPORTED TO THE ARCHITECT. ALL DIMENSIONS ARE TO BE VERIFIED BY THE CONTRACTOR BEFORE CONSTRUCTION BEGINS.
3. ANY MODIFICATIONS MADE IN THE CONSTRUCTION DOCUMENTS TO ACCOMPLISH THE REQUIRED WORK SHALL BE REPORTED TO THE ARCHITECT BEFORE WORK IS DONE.
4. CONTRACTOR IS RESPONSIBLE FOR NOTIFYING LA AUTHORITIES TO IDENTIFY ALL UTILITIES PRIOR TO BEGINNING ANY WORK AT THE SITE. (LA ONE CALL 811). CAP OFF AND SEAL DISCONTINUED UTILITY SERVICES AND REMOVE PORTIONS OF LINES WITHIN EXCAVATED AREAS.
5. CONTRACTOR TO LOCATE ALL UTILITIES AND VERIFY NO CONFLICTS EXIST WITH ANY PROPOSED STORMWATER AND/OR UTILITY ROUTING PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES. IF ANY CONFLICTS ARE IDENTIFIED THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR RESOLUTION PRIOR TO COMMENCEMENT OF CONSTRUCTION.
6. THE CONTRACTOR SHALL EMPLOY A LA. LICENSED SURVEYOR TO PROVIDE THE CONSTRUCTION LAYOUT BOUNDARIES AND/OR BASE LINES. SURVEYOR TO SET PROJECT T.B.M. FOR USE DURING CONSTRUCTION.
7. CONTRACTOR SHALL PROVIDE OWNER WITH AS-BUILT DRAWINGS OF THE SITE AND UTILITIES INSTALLED AND UNCOVERED AT THE END OF THE PROJECT.
8. CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES, EQUIPMENT, UTILITIES, PAVING, ETC THAT ARE TO REMAIN FROM DAMAGE DURING CONSTRUCTION OPERATIONS. REPAIR / REPLACE DAMAGED ITEMS WITH NEW AT NO ADDITIONAL COST TO OWNER.
9. CONTRACTOR SHALL DISPOSE OF ALL EXCESS CONSTRUCTION MATERIALS, DEBRIS, AND/OR SOIL FROM JOB SITE IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL REQUIREMENTS.

MATERIAL SPECIFICATIONS

CRUSHED STONE AGGREGATE:

CRUSHED LIMESTONE SHALL MEET THE LADOTD SPECIFICATION FOR 610 ROAD BASE MATERIAL. INSTALL CRUSHED LIMESTONE OVER GEOTEXTILE MATERIAL. LIMESTONE AGGREGATE SHALL BE ROLLED SMOOTH TO FORM A TIGHT SURFACE WITH A LOADED DRUM ROLLER. CONTRACTOR SHALL USE A VIBRATORY PLATE WHEN LOCATION RESTRICTS THE USE OF THE DRUM ROLLER.

STORM DRAINAGE PIPE:

UNDERGROUND STORM DRAINAGE PIPES ARE SHOWN ON PLAN WITH THE LENGTHS OF PIPE MEASURED TO THE CENTER OF THE CATCH BASINS PLUS OR MINUS ONE FOOT. THE CONTRACTOR SHALL PERFORM A PIPING LAYOUT TO VERIFY LOCATIONS OF CATCH BASINS AND LENGTHS OF PIPE.

UNDERGROUND STORM DRAINAGE PIPES SHALL BE PVC SDR (26) ASTM D3034 OR HP DUAL WALL PIPE. PIPES SHALL BE LAIDD ON A MINIMUM 3 INCH SAND BED AND BACKFILLED WITH CRUSHED AGGREGATE TO AN ELEVATION LEVEL WITH THE TOP OF PIPE AND THEN BACKFILLED WITH STRUCTURAL FILL TO AN ELEVATION TO MATCH ADJACENT GRADE. CONTRACTOR SHALL ANCHOR PIPE AS RECOMMENDED BY PIPE MANUFACTURER TO PREVENT PIPE FLOATATION.

IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALL FITTINGS REQUIRED FOR PIPING, INLETS, ETC. TO COMPLETE PIPING SYSTEM.

GEOTEXTILE MATERIAL:

GEOTEXTILE MATERIAL SHALL BE MIRAFI 600X OR ITS EQUIVALENT. ALL EQUIVALENT MATERIALS ARE TO BE SUBMITTED PRIOR TO BIDDING "FOR APPROVAL". GEOTEXTILE SHALL BE PINNED TO SUBGRADE AS INSTRUCTED BY MATERIAL MANUFACTURER. MATERIAL SHALL BE OVERLAPPED A MINIMUM OF 18 INCHES AT JOINTS. ALL NON OVERLAPPING JOINTS SHALL BE BURIED A MINIMUM OF 8 INCHES BELOW THE SUBGRADE SURFACE.

LEGEND

- EXISTING CONCRETE
- 6" THICK CONCRETE
- 10" THICK CONCRETE
- 4" THICK CONCRETE
- HYDROSEED "GREEN" AREAS
- PROJECT LIMITS AND SILT FENCE
- APPROXIMATE LIMITS OF DEMOLITION
- XX.XX EXISTING ELEVATIONS
- XX.XX BOTTOM OF CURB FINISHED ELEVATIONS- M.E. DENOTES MATCH EXISTING ELEVATION
- XX.XX TOP OF CURB FINISHED ELEVATIONS- M.E. DENOTES MATCH EXISTING ELEVATION
- NEW CATCH BASIN
- NEW WINGED HEADWALL

SUBGRADE PREPARATION AND STRUCTURAL FILL NOTES (CIVIL ONLY)

1. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LA ONE CALL TO IDENTIFY ALL UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.
2. CONTRACTOR TO LOCATE ALL UTILITIES AND VERIFY NO CONFLICTS EXIST WITH ANY PROPOSED FOUNDATIONS AND/OR UTILITY ROUTING PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. IF ANY CONFLICTS ARE IDENTIFIED THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR RESOLUTION PRIOR TO COMMENCEMENT OF CONSTRUCTION.
3. FOR AREAS IMMEDIATELY UNDER PAVING AND FIVE (5) FEET OUTSIDE OF PAVING LIMITS, CONTRACTOR SHALL REMOVE ALL VEGETATION, TOPSOIL, ORGANIC MATTER AND EXISTING IMPROVEMENTS, INCLUDING FOUNDATIONS, GRAVEL, ASPHALT, AND CONCRETE PAVING, TO AN ELEVATION OF TWO (2) FEET BELOW EXISTING EXPOSED GRADE FOLLOWING DEMOLITION ACTIVITIES. REMOVE ANY EXISTING FOUNDATIONS AND TREES, INCLUDING THE ROOT BALLS, IN THEIR ENTIRETY AND BACKFILL WITH STRUCTURAL FILL PER DIRECTIONS BELOW. THE CUT DEPTH SHALL BE A MINIMUM; ADDITIONAL CUT SHALL BE ALLOWED AS REQUIRED FOR DRAINAGE OF THE EXCAVATION. DEPTH OF EXCAVATION SHALL BE POSITIVELY IDENTIFIED AND DOCUMENTED BY TESTING AGENCY AND PROVIDED TO ARCHITECT AND ENGINEER FOR REVIEW PRIOR TO INSTALLATION OF STRUCTURAL FILL MATERIAL.
4. ANY SOILS REMOVED WITHOUT THE PROPER AUTHORIZATION FROM THE ARCHITECT/ENGINEER WILL BE FILLED WITH STRUCTURAL FILL AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
5. DISPOSE OF ALL EXISTING SOILS/VEGETATION PER OWNER'S DIRECTIVE ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS.
6. AFTER ALL MATERIALS HAVE BEEN REMOVED TO THE PROPER SUBGRADE ELEVATION, THE CONTRACTOR SHALL PROOF ROLL THE SUBGRADE WITH A LOADED TANDEM AXLE DUMP TRUCK. ANY SUBGRADE FAILURES, "SOFT SPOTS", SHALL BE REMOVED AND REPLACED WITH STRUCTURAL FILL. ENGINEER TO BE ADVISED A MINIMUM OF 24 HOURS PRIOR TO PERFORMANCE OF PROOFROLL AND PROOFROLL TO BE OBSERVED BY TESTING AGENCY.

   NO "EXTRAS" WILL BE AWARDED FOR EFFORTS NECESSARY TO REPAIR AREAS THAT FAIL PROOF ROLL AS A RESULT OF DEGRADATION BY EXPOSURE TO RAIN AND EXCESSIVE CONSTRUCTION TRAFFIC. THIS DETERMINATION WILL BE MADE SOLELY BY THE ARCHITECT.
7. ALL STRUCTURAL FILL MATERIAL SHALL BE INSTALLED IN 6" THICK LOOSE LIFTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY AT +/-2% OF THE OPTIMUM MOISTURE CONTENT (ASTM D 698). STRUCTURAL FILL MATERIAL SHALL BE A LIME-TREATED (6% BY VOLUME) SILTY OR SANDY CLAY WITH A LIQUID LIMIT BETWEEN 30-42 AND A PLASTICITY INDEX (P.I.) BETWEEN 12 AND 22. PROPERTIES OF FILL MATERIAL ARE TO BE VERIFIED BY A TESTING AGENCY PRIOR TO INSTALLATION. PROPOSED LIME MATERIAL AND APPLICATION RATE TO BE SUBMITTED FOR REVIEW BY ENGINEER PRIOR TO MIXING. LIME TO BE PIT MIXED – NO SITE MIXING PERMITTED.
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   REFER TO SPECIFICATION SECTION 31200 "EARTH MOVING" FOR ADDITIONAL MATERIAL AND TESTING REQUIREMENTS
9. CONTRACTOR IS TO MAINTAIN DRAINAGE PATHS TO SHED RUNOFF AWAY FROM ALL STRUCTURAL FILL AREAS UNTIL THEY ARE COMPLETED.
10. CONTRACTOR SHALL KEEP THE EXCAVATED AREAS, AND SURFACES OF IMPORTED FILL, FREE FROM STANDING WATER AT ALL TIME. SHOULD THIS EFFORT INCLUDE ADDITIONAL EXCAVATION, GRADING, PUMPING OF WATER, ETC., THIS WILL NOT BE CONSIDERED AN "EXTRA" AND NO CONTRACT MODIFICATIONS WILL BE AWARDED

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PROCESS TECHNOLOGY BUILDING EXPANSION

for Sowela Technical Community College

3500 Senator J. Bennett Ave. | Lake Charles, LA 70615

C.E.H. PROJECT NUMBER
2506

STATE OF LOUISIANA
BEAU PLEASANT
LICENSED PROFESSIONAL ENGINEER
IN
CIVIL ENGINEERING
NO. 35838

CHAMPEAUX EVANS HOTARD, APAC

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C1.0
SITE PLAN

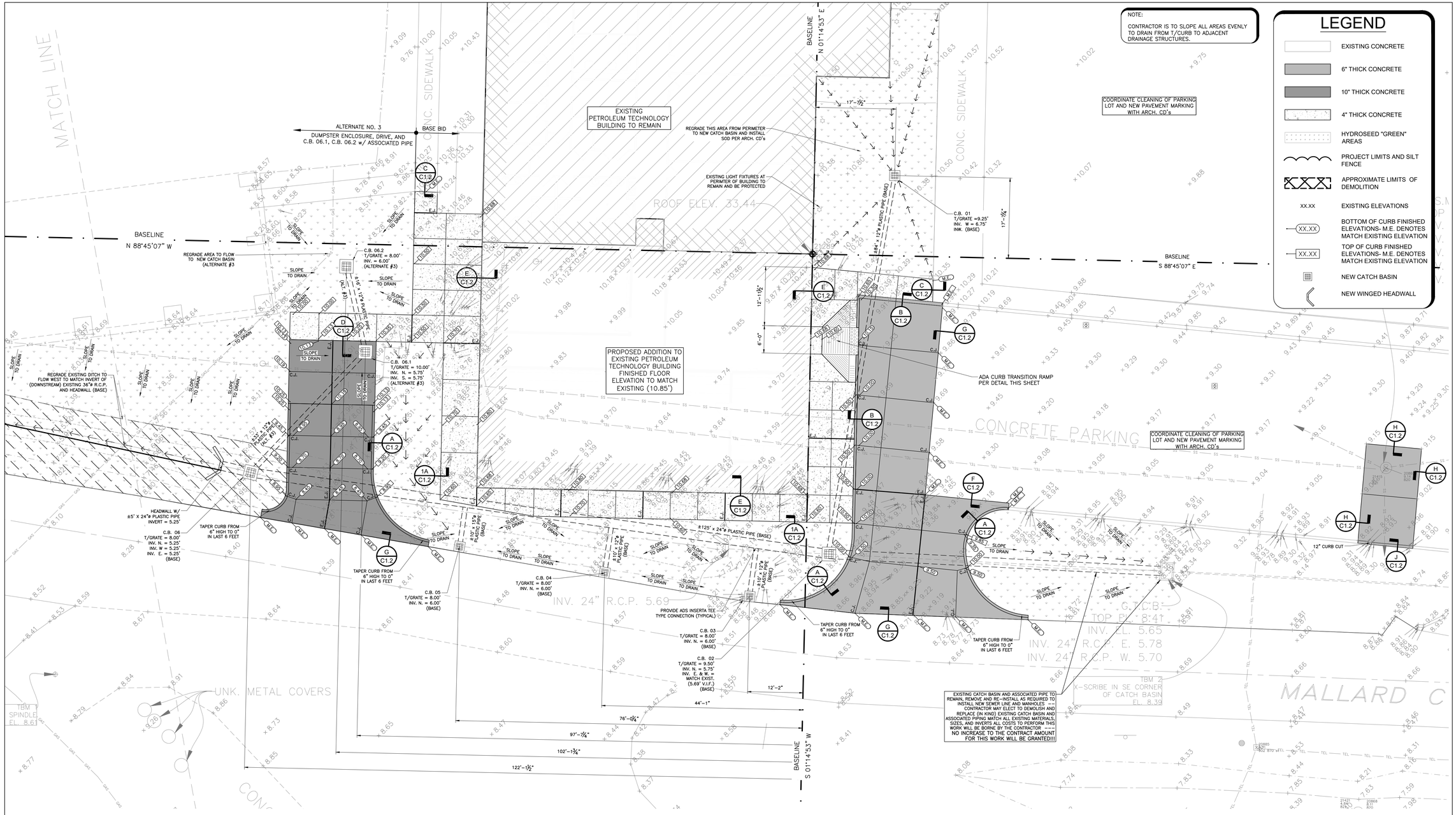
ISSUE DATE:
3/13/2026

NOTE:

CONTRACTOR IS TO SLOPE ALL AREAS EVENLY TO DRAIN FROM T/CURB TO ADJACENT DRAINAGE STRUCTURES.

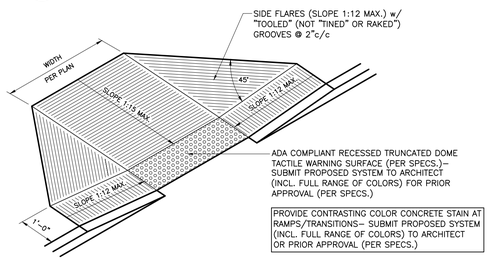
LEGEND

- EXISTING CONCRETE
- 6" THICK CONCRETE
- 10" THICK CONCRETE
- 4" THICK CONCRETE
- HYDROSEED "GREEN" AREAS
- PROJECT LIMITS AND SILT FENCE
- APPROXIMATE LIMITS OF DEMOLITION
- XX.XX — EXISTING ELEVATIONS
- XX.XX — BOTTOM OF CURB FINISHED ELEVATIONS- M.E. DENOTES MATCH EXISTING ELEVATION
- XX.XX — TOP OF CURB FINISHED ELEVATIONS- M.E. DENOTES MATCH EXISTING ELEVATION
- NEW CATCH BASIN
- NEW WINGED HEADWALL



1 JOINT AND DRAINAGE PLAN

SCALE: 1" = 10'-0"



2 ACCESSIBLE RAMP DETAIL

SCALE: 1/2" = 1'-0"

NORTH

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PROCESS TECHNOLOGY BUILDING EXPANSION

for Sowela Technical Community College

3500 Senator J. Bennett Ave. | Lake Charles, LA 70615

C.E.H. PROJECT NUMBER
2506

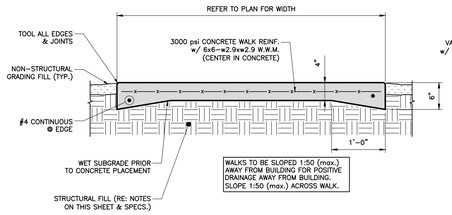
STATE OF LOUISIANA — BEAU PLEASANT — License No. 33638 — PROFESSIONAL ENGINEER IN CIVIL ENGINEERING

CHAMPEAUX EVANS HOTARD, APAC

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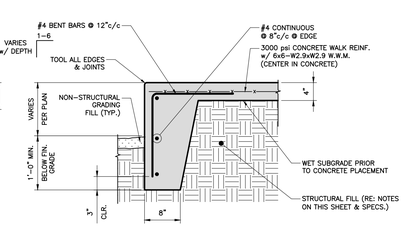
C1.1
JOINT & DRAINAGE PLAN

ISSUE DATE:
3/13/2026



1 TYPICAL SIDEWALK DETAIL

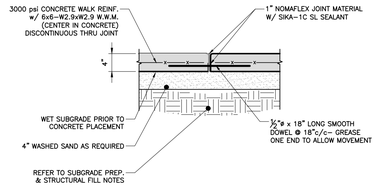
SCALE: 3/4" = 1'-0"



1A SIDEWALK DETAIL

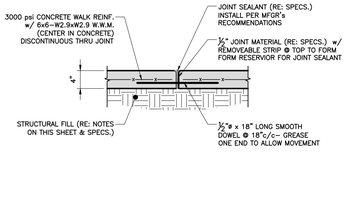
SCALE: 3/4" = 1'-0"

DETAIL WHERE EDGE OF WALK IS 12" ABOVE GRADE



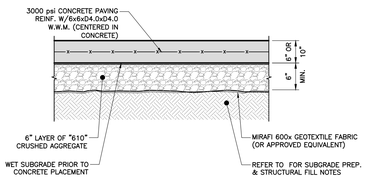
2 TYP. SIDEWALK EXPANSION JOINT DETAIL (E.J.)

SCALE: 3/4" = 1'-0"



3 TYPICAL SIDEWALK "DUMMY JOINT" DETAIL

SCALE: 3/4" = 1'-0"

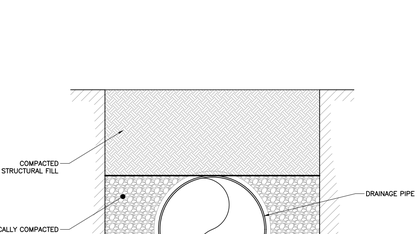


4 CONCRETE PAVING DETAIL

SCALE: 3/4" = 1'-0"

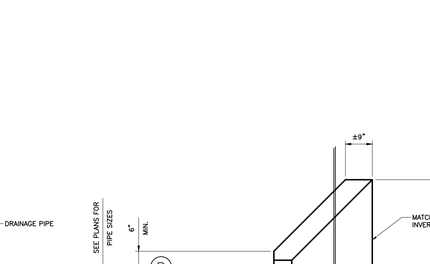
5 TYPICAL EXPANSION JOINT (E.J.)

SCALE: 3/4" = 1'-0"



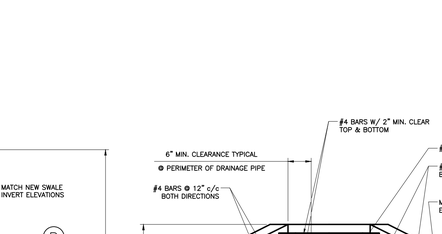
6 TYPICAL CONSTRUCTION JOINT

SCALE: 3/4" = 1'-0"



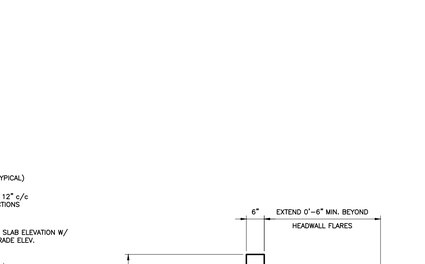
A SECTION (TYP. CURB)

SCALE: 3/4" = 1'-0"



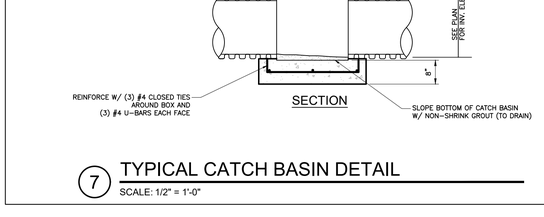
B SECTION (TYP. CURB @ SIDEWALK)

SCALE: 3/4" = 1'-0"



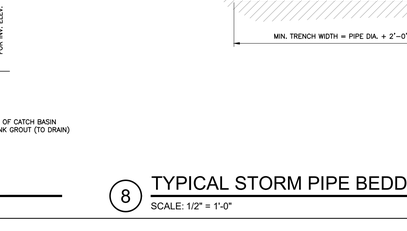
C SECTION (NEW SIDEWALK @ EXIST.)

SCALE: 3/4" = 1'-0"



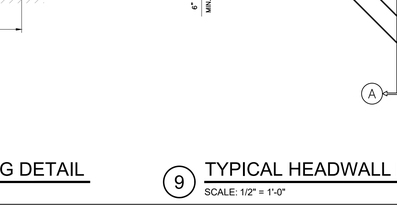
D SECTION (SIDEWALK @ PAVING - NO CURB)

SCALE: 3/4" = 1'-0"



E SECTION (TYP. SIDEWALK @ BLDG.)

SCALE: 3/4" = 1'-0"



F SECTION

SCALE: 3/4" = 1'-0"

G SECTION

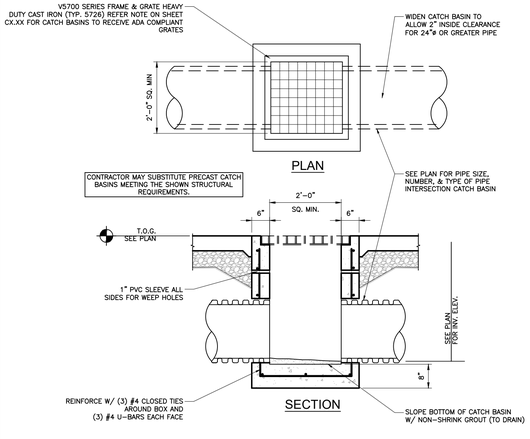
SCALE: 3/4" = 1'-0"

H SECTION

SCALE: 3/4" = 1'-0"

J SECTION

SCALE: 3/4" = 1'-0"

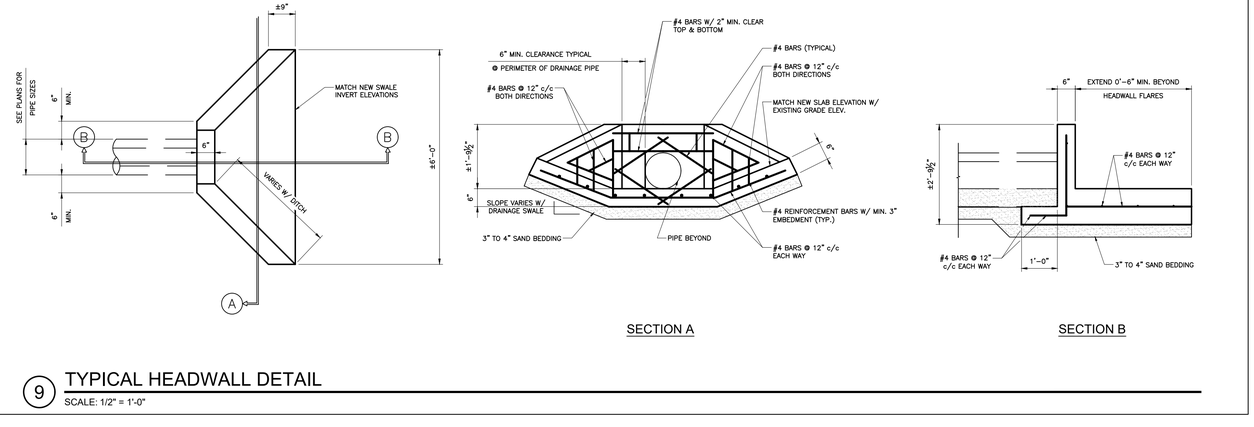


7 TYPICAL CATCH BASIN DETAIL

SCALE: 1/2" = 1'-0"

8 TYPICAL STORM PIPE BEDDING DETAIL

SCALE: 1/2" = 1'-0"



9 TYPICAL HEADWALL DETAIL

SCALE: 1/2" = 1'-0"

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C.E.H. PROJECT NUMBER
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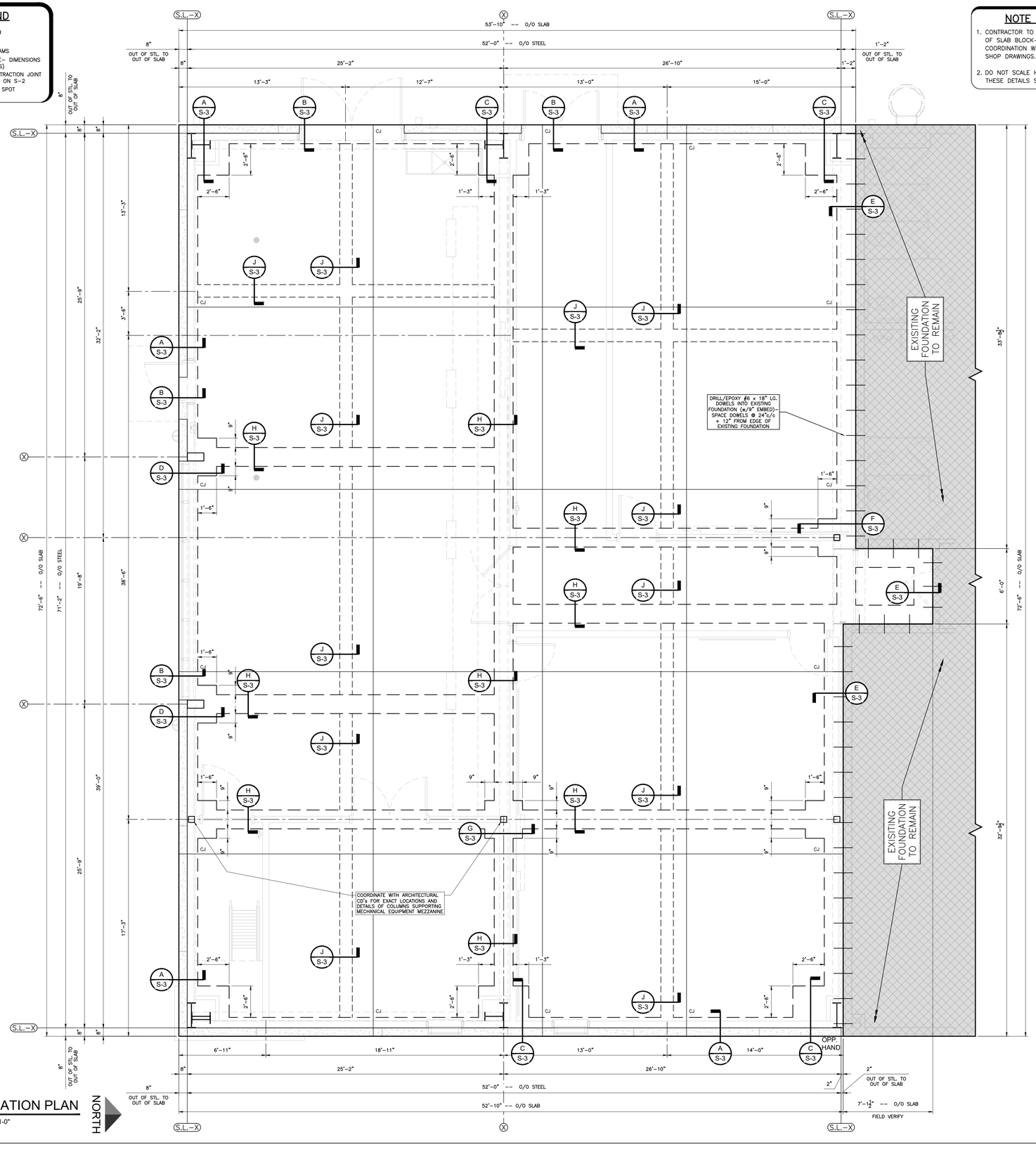
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C1.2
CIVIL DETAILS & SECTIONS

ISSUE DATE:
3/13/2026

LEGEND

- EDGE OF SLAB
- GRADE BEAM
- STIFFENER BEAMS
- VENEER LEDGE– DIMENSIONS PER SECTION(S)
- CJ — CONTROL/CONTRACTION JOINT PER DETAIL(S) ON S–2
- TOP OF SLAB SPOT ELEVATION



1 FOUNDATION PLAN
SCALE: 1/4" = 1'-0"

NOTE ON BLOCKOUTS

1. CONTRACTOR TO ESTABLISH REQUIRED DIMENSIONS OF SLAB BLOCK–OUTS FOR COLUMNS AFTER COORDINATION WITH STRUCTURAL STEEL AND PEMB SHOP DRAWINGS.
2. DO NOT SCALE HATCHED AREAS IN SECTION VIEWS. THESE DETAILS SHOWN FOR CONCEPT ONLY.

GENERAL STRUCTURAL NOTES

1. THE FOLLOWING NOTES APPLY TO ALL STRUCTURAL DRAWINGS.
2. ALL DESIGN AND CONSTRUCTION IS BASED ON AND SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE 2021 EDITION AND APPLICABLE LOCAL CODES.
3. THE GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND SITE CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH WORK. FOR DIMENSIONS NOT SHOWN ON STRUCTURAL DRAWINGS, REFER TO ARCHITECTURAL DRAWINGS.
4. THE STRUCTURE SHOWN ON THESE DRAWINGS IS SELF–SUPPORTING ONLY IN ITS COMPLETED FORM. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING THE DESIGN, ADEQUACY, SAFETY, AND STABILITY OF TEMPORARY ERECTION BRACING AND SHORING.
5. UNLESS NOTED, ELEVATIONS SHOWN ARE TO TOP OF FOUNDATIONS, SLABS OR STEEL BEAMS.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES IN ORDER TO COMPLY WITH THE CONTRACT DRAWINGS AND SPECIFICATIONS.
7. DO NOT SCALE DRAWINGS. USE ANNOTATED DIMENSIONS AS PROVIDED. NOTIFY ARCHITECT OF ANY DISCREPANCIES FOR CLARIFICATION.
8. SHOP DRAWINGS SHALL BE SUBMITTED FOR REVIEW BY THE ARCHITECT AND ENGINEER PRIOR TO FABRICATION. ALL COMPONENTS SHALL BE COORDINATED BY THE GENERAL CONTRACTOR PRIOR TO SUBMISSION. SHOP DRAWINGS THAT HAVE NOT BEEN COORDINATED BY GENERAL CONTRACTOR (I.E. PRECAST PANELS AND EMBEDS, METAL BUILDING COMPONENTS AND FOUNDATION REINFORCEMENT) WILL BE REJECTED.

SUBGRADE PREPARATION AND STRUCTURAL FILL NOTES (STRUCTURAL ONLY)

1. CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LA ONE CALL TO IDENTIFY ALL UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES.
2. CONTRACTOR TO LOCATE ALL UTILITIES AND VERIFY NO CONFLICTS EXIST WITH ANY PROPOSED STORMWATER AND/OR UTILITY ROUTING PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. IF ANY CONFLICTS ARE IDENTIFIED THE CONTRACTOR SHALL NOTIFY THE ARCHITECT FOR RESOLUTION PRIOR TO COMMENCEMENT OF CONSTRUCTION.
3. FOR AREAS IMMEDIATELY UNDER BUILDING PAD AND 5 FEET OUTSIDE OF BUILDING LINE, CONTRACTOR SHALL REMOVE ALL VEGETATION, TOPSOIL, ORGANIC MATTER AND EXISTING IMPROVEMENTS, INCLUDING FOUNDATIONS, GRAVEL, ASPHALT, AND CONCRETE PAVING, TO A DEPTH OF FOUR (4) FEET BELOW EXISTING GRADE. REMOVE ANY EXISTING FOUNDATIONS AND TREES, INCLUDING THE ROOT BALLS, IN THEIR ENTIRETY AND BACKFILL WITH STRUCTURAL FILL PER DIRECTIONS BELOW. THE CUT DEPTH SHALL BE A MINIMUM; ADDITIONAL CUT SHALL BE ALLOWED AS REQUIRED FOR DRAINAGE OF THE EXCAVATION. DEPTH OF EXCAVATION SHALL BE POSITIVELY IDENTIFIED AND DOCUMENTED BY TESTING AGENCY AND PROVIDED TO ARCHITECT AND ENGINEER FOR REVIEW PRIOR TO INSTALLATION OF STRUCTURAL FILL MATERIAL.
4. ANY SOILS REMOVED WITHOUT THE PROPER AUTHORIZATION FROM THE ARCHITECT/ENGINEER WILL BE FILLED WITH STRUCTURAL FILL AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
5. DISPOSE OF ALL EXISTING SOILS/VEGETATION PER OWNER'S DIRECTIVE ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS.
6. AFTER ALL MATERIALS HAVE BEEN REMOVED TO THE PROPER SUBGRADE ELEVATION, THE CONTRACTOR SHALL PROOF ROLL THE SUBGRADE WITH A LOADED TANDEM AXLE DUMP TRUCK. ANY SUBGRADE FAILURES, "SOFT SPOTS", SHALL BE REMOVED AND REPLACED WITH STRUCTURAL FILL. ENGINEER TO BE ADVISED A MINIMUM OF 24 HOURS PRIOR TO PERFORMANCE OF PROOFROLL AND PROOFROLL TO BE OBSERVED BY TESTING AGENCY.

   NO "EXTRAS" WILL BE AWARDED FOR EFFORTS NECESSARY TO REPAIR AREAS THAT FAIL PROOF ROLL AS A RESULT OF DEGRADATION BY EXPOSURE TO RAIN AND EXCESSIVE CONSTRUCTION TRAFFIC. THIS DETERMINATION WILL BE MADE SOLELY BY THE ARCHITECT/ENGINEER.
7. ALL STRUCTURAL FILL MATERIAL SHALL BE INSTALLED IN 8" THICK LOOSE LIFTS AND COMPACTED TO 95% STANDARD PROCTOR DENSITY AT +/–2% OF THE OPTIMUM MOISTURE CONTENT (ASTM D 698). STRUCTURAL FILL MATERIAL SHALL BE A LIME–TREATED SILTY OR SANDY CLAY WITH A LIQUID LIMIT BETWEEN 30–42 AND A PLASTICITY INDEX (P.I.) BETWEEN 12 AND 22. PROPERTIES OF FILL MATERIAL ARE TO BE VERIFIED BY A TESTING AGENCY PRIOR TO INSTALLATION. PROPOSED LIME MATERIAL AND APPLICATION RATE TO BE SUBMITTED FOR REVIEW BY ENGINEER PRIOR TO MIXING. LIME TO BE PIT MIXED – NO SITE MIXING PERMITTED.
8. COMPACTION OF EACH LIFT SHALL BE VERIFIED BY LAB TEST PRIOR TO INSTALLING NEXT LIFT. A MINIMUM TESTING FREQUENCY OF ONE (1) TEST PER 2,500 SQUARE FEET, BUT NO LESS THAN 3 TESTS, PER LIFT SHALL BE PERFORMED. A QUALIFIED INDEPENDENT GEOTECHNICAL ENGINEERING TESTING AGENCY SHALL VERIFY PROPERTIES OF THE STRUCTURAL FILL MATERIALS AS WELL AS IN SITU COMPACTION OF FILL MATERIALS.

   <u>REFER TO SPECIFICATION SECTION 31200 "EARTH MOVING" FOR ADDITIONAL MATERIAL AND TESTING REQUIREMENTS</u>

   TESTING TO BE PROCURED BY OWNER

   CONTRACTOR SHALL PROVIDE A UNIT PRICE (CUBIC YARD) FOR EXCAVATION OF EXISTING MATERIAL AND INSTALLATION AND COMPACTION OF STRUCTURAL FILL MATERIAL. THIS UNIT PRICE WILL INCLUDE BOTH EXCAVATION AND INSTALLATION OF THE MATERIAL.
9. CONTRACTOR IS TO MAINTAIN DRAINAGE PATHS TO SHED RUNOFF AWAY FROM ALL STRUCTURAL FILL AREAS UNTIL THEY ARE COMPLETED.
10. CONTRACTOR SHALL KEEP THE EXCAVATED AREAS, AND SURFACES OF IMPORTED FILL, FREE FROM STANDING WATER AT ALL TIME. SHOULD THIS EFFORT INCLUDE ADDITIONAL EXCAVATION, GRADING, PUMPING OF WATER, ETC., THIS WILL NOT BE CONSIDERED AN "EXTRA" AND NO CONTRACT MODIFICATIONS WILL BE AWARED.

    SUBGRADE PREPARATION AND STRUCTURAL FILL NOTES BASED ON RECOMMENDATIONS CONTAINED IN GEOTECHNICAL REPORT (NO. 25–036, DATED 09 NOVEMBER 2025) AS PREPARED BY DANIEL J. HOLDER, P.E., INC. LAKE CHARLES, LA AS DIRECTED FOR USE BY THE ARCHITECT.

GENERAL FOUNDATION NOTES

1. REFER TO ARCHITECTURAL DRAWINGS FOR SLAB FINISHES, LEVEL LANDINGS, LEDGE LOCATIONS, DIMENSIONS AND DETAILS. VERIFY SLAB RECESSES, SLOPES AND LOCATIONS WITH ARCHITECTURAL PLANS.
2. REFER TO ARCHITECTURAL AND/OR M.E.P. DRAWINGS FOR ANY REQUIRED FINISHES, DEPRESSIONS, OR SPECIFIC ELEVATION REQUIREMENTS IN SLABS.
3. REFER TO ARCHITECTURAL AND/OR M.E.P DRAWINGS FOR EXACT LOCATIONS AND DIMENSIONS OF ALL BLOCKOUTS, SLAB DEPRESSIONS, AND OBJECTS TO BE ENCASED/ EMBEDDED IN CONCRETE.
4. COORDINATE CONCRETE FINISHES, RECESSED AREAS, REVEALS, EMBEDDING ITEMS, SPECIAL JOINT PATTERNS, ETC. WITH THE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS. PROVIDE A 3/4 INCH CHAMFER AT ALL EXPOSED EDGE OF CONCRETE.
5. CONDUITS SHALL BE PLACED BELOW THE SLAB AND NOT WITHIN THE SLAB. VERTICAL PENETRATIONS ARE ALLOWED.
6. FINISH FLOOR ELEV. CALLED 0'–0" (VERIFY M.S.L. ELEVATION W/ CIVIL DRAWINGS).
7. CONCRETE SLAB CONTRACTION JOINTS SHALL BE SAWCUT AND LOCATED AS SHOWN ON SHEET S–1. REFER TO TYPICAL DETAIL ON S–2. RE: SPEC. SECTION "033000– CAST–IN– PLACE CONCRETE".
8. CONCRETE SLAB CONSTRUCTION JOINTS SHALL BE USED IN PLACE OF CONTRACTION JOINTS WHERE INDICATED ON THE SLAB PLAN AND ALSO WHERE NEEDED TO INTERRUPT A CONTINUOUS POUR. LOCATIONS CONTINGENT UPON APPROVAL BY ENGINEER – SUBMIT PROPOSED POUR PLAN FOR REVIEW. SLAB CONSTRUCTION JOINTS SHALL BE KEYED / DOWELED TYPE WITH REMOVABLE STRIP FOR CREATION OF SEALANT RESERVOIR.

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for Sowela Technical Community College
3500 Senator J. Bennett Ave. | Lake Charles, LA 70615

C.E.H. PROJECT NUMBER
2506

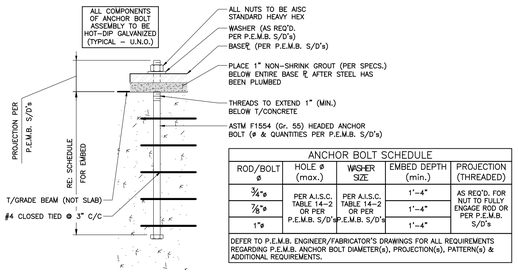
STATE OF LOUISIANA
BEN T. PLEASANT
LICENSED NO. 036536
PROFESSIONAL ENGINEER
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CIVIL ENGINEERING
36536

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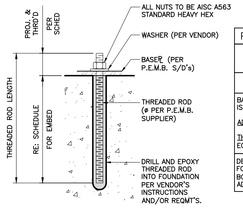
S-1
FOUNDATION PLAN

ISSUE DATE:
3/13/2026



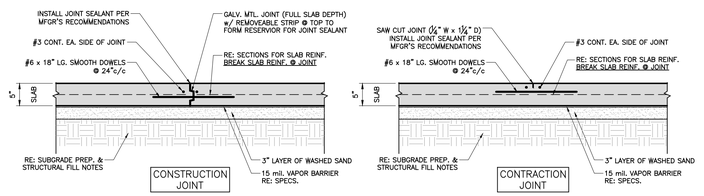
ANCHOR BOLT SCHEDULE				
ROD/BOLT ø	HOLE ø (max.)	WASHER SIZE	EMBED DEPTH (min.)	PROJECTION (THREADED)
¾"ø	PER A.I.S.C. TABLE 14-2 OR PER P.E.M.B. S/D's	PER A.I.S.C. TABLE 14-2 OR PER P.E.M.B. S/D's	1'-4"	AS REQ'D. FOR NUT TO FULLY ENGAGE ROD OR PER P.E.M.B. S/D's
⅞"ø			1'-4"	
1"ø			1'-4"	
DEFER TO P.E.M.B. ENGINEER/FABRICATOR'S DRAWINGS FOR ALL REQUIREMENTS REGARDING P.E.M.B. ANCHOR BOLT DIAMETER(s), PROJECTION(s), PATTERN(s) & ADDITIONAL REQUIREMENTS.				

1 ANCHOR BOLT DETAILS
SCALE: 1-1/2" = 1'-0"

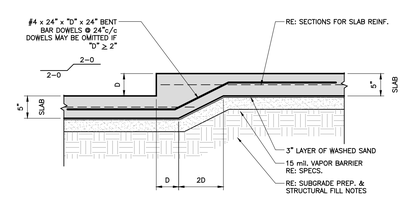


POST-INSTALLED ANCHOR SCHEDULE		
ANCHOR ø	EMBED DEPTH (min.)	PROJECTION (THREADED)
⅝"ø	0'-6"	PER DETAILS OR P.E.M.B. S/D's
BASIS OF DESIGN FOR POST-INSTALLED ANCHOR SYSTEM IS AS FOLLOWS:		
ADHESIVE: HILTI HIT-HY 200 OR APPROVED EQUAL		
THREADED ROD ASSEMBLY: HILTI HAS-E OR APPROVED EQUAL (HOT-DIP GALVANIZED)		
DEFER TO P.E.M.B. ENGINEER/FABRICATOR'S DRAWINGS FOR ALL REQUIREMENTS REGARDING P.E.M.B. ANCHOR BOLT DIAMETER(s), PROJECTION(s), PATTERN(s) & ADDITIONAL REQUIREMENTS		

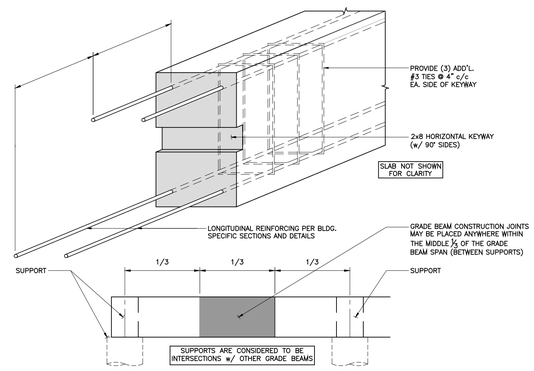
2 POST-INSTALLED ANCHOR DETAILS
SCALE: 1-1/2" = 1'-0"



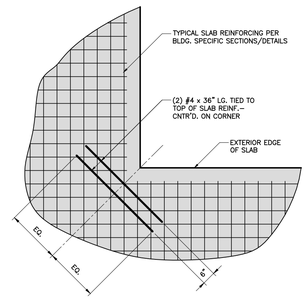
3 SLAB JOINT DETAILS AT BUILDING FOUNDATION ONLY
SCALE: 3/4" = 1'-0"



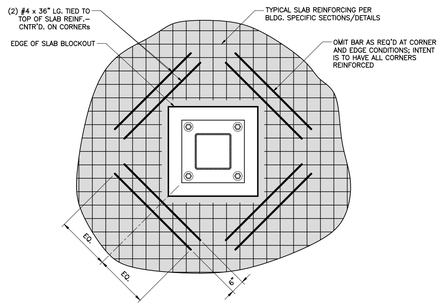
4 DEPRESSED SLAB DETAIL (AS REQUIRED)
SCALE: 3/4" = 1'-0"



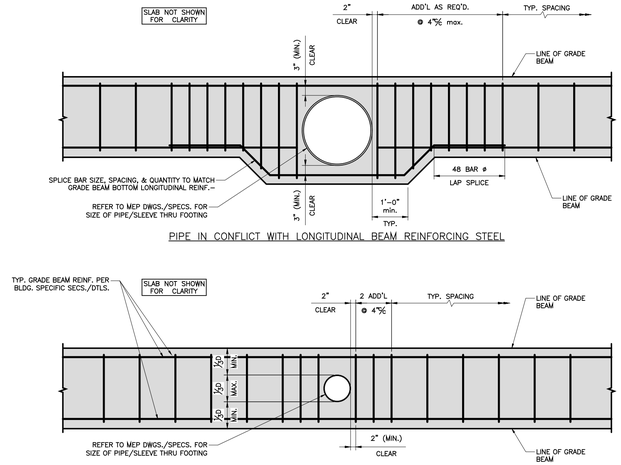
5 GRADE BEAM CONSTRUCTION JOINT DETAIL
SCALE: NOT TO SCALE



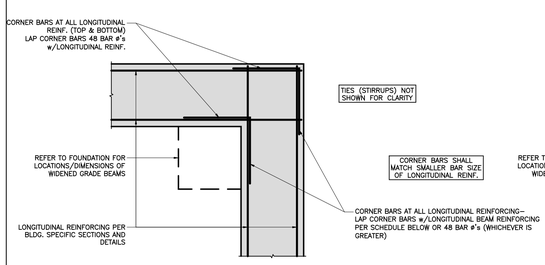
6 REINFORCING DETAIL AT SLAB PENETRATION/BLOCK OUT
SCALE: NOT TO SCALE

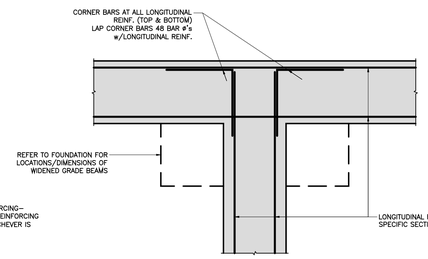


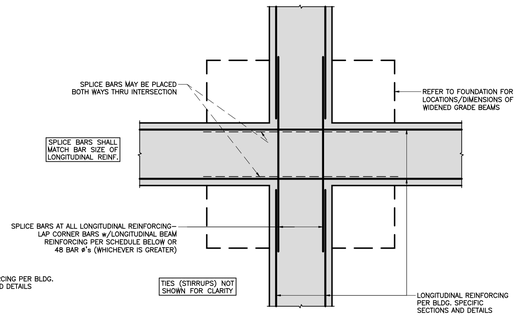
7 REINFORCING DETAIL AT INSIDE CORNER OF SLAB
SCALE: NOT TO SCALE



8 PIPE/CONDUIT PENETRATION THRU GRADE BEAM DETAIL
SCALE: NOT TO SCALE







9 GRADE BEAM INTERSECTION DETAILS
SCALE: NOT TO SCALE

CONCRETE NOTES

1. ALL CONCRETE DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH ACI 318-19 (BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE) AND ACI 301-20 (SPECIFICATIONS FOR STRUCTURAL CONCRETE).
2. CONCRETE SHALL DEVELOP A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 3000 PSI AT THE SLAB AND 4000 PSI AT GRADE BEAMS.
3. UNLESS OTHERWISE NOTED, CONCRETE COVER FOR REINFORCING STEEL SHALL BE 3".
4. NO ADDITIONAL WATER SHALL BE ADDED TO THE CONCRETE AT THE JOB SITE.
5. REFER TO SPECIFICATION SECTION 033000 "CAST-IN-PLACE CONCRETE" FOR FURTHER REQUIREMENTS.

REINFORCEMENT STEEL NOTES

1. REINFORCING STEEL AND ACCESSORIES SHALL BE DETAILED IN ACCORDANCE WITH ACI 315-18 (MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES) AND CRSI MSP-1 (MANUAL OF STANDARD PRACTICE), 29TH EDITION.
2. REINFORCING STEEL SHALL CONFORM TO ASTM A 615, GRADE 60 (UNLESS NOTED).
3. ALL SPLICES, INCLUDING SPLICES FROM BARS LABELED CONTINUOUS, SHALL BE 48 BAR DIAMETERS UNLESS OTHERWISE NOTED.
4. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A1064 AND BE LAPPED TWO FULL PANELS AND TIED ON EACH SIDE.
5. LONGITUDINAL REINFORCING BARS IN FOOTINGS SHALL BE PLACED CONTINUOUS AT CORNERS AND THROUGH INTERSECTIONS BY MEANS OF CORNER BARS AND/OR SPLICE BARS.
6. FOR EVERY VERTICAL OR HORIZONTAL BAR DISCONTINUED BY AN OPENING, ONE BAR (MIN. OF 2 BARS) SHALL BE ADDED AT SIDE OF OPENING (HALF TO EACH SIDE - TYPICAL).
7. CONCRETE REINFORCING STEEL SHALL BE SUPPORTED AT SPECIFIED POSITION BY CONCRETE BLOCKS, CHAIRS, OR OTHER PRODUCTS MANUFACTURED SPECIFICALLY FOR THAT PURPOSE. REINFORCING SUPPORTS SHALL BE PLACED NOT MORE THAN 4'-0" ON CENTER.

P.E.M.B. COORDINATION NOTES

1. VERIFY ALL SLAB DIMENSIONS, INCLUDING DOOR LOCATIONS, WITH SLAB AND ANCHOR BOLT PLAN AS FURNISHED BY METAL BUILDING MANUFACTURER.
2. FOUNDATION LAYOUT AT COLUMNS IS BASED ON THE LOCATIONS/DEPTHS OF COLUMNS AS SHOWN ON ARCHITECTURAL DRAWINGS. IF ACTUAL COLUMN LOCATIONS ARE DIFFERENT THAN THOSE SHOWN ON SHEET S-2, AND FOUNDATION LAYOUT AND/OR REINFORCEMENT HAS TO BE MOVED OR OTHERWISE ADJUSTED TO ACCOMMODATE PEMB COLUMNS, CHANGES ARE TO BE APPROVED BY THE ARCHITECT, AND ANY CHANGES REQUIRED WILL BE MADE AT NO ADDITIONAL COST TO THE OWNER.
3. VERIFY ALL ANCHOR ROD SIZES (INCLUDING BUT NOT LIMITED TO DIAMETER AND PROJECTION) AND LAYOUT WITH PEMB DRAWINGS PRIOR TO COMMENCEMENT OF FOUNDATION CONSTRUCTION.
4. COLUMN REACTIONS FOR P.E.M.B. SHALL BE PROVIDED TO ENGINEER FOR REVIEW PRIOR TO SUBMISSION OF CONCRETE REINFORCING SHOP DRAWINGS.

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C.E.H. PROJECT NUMBER
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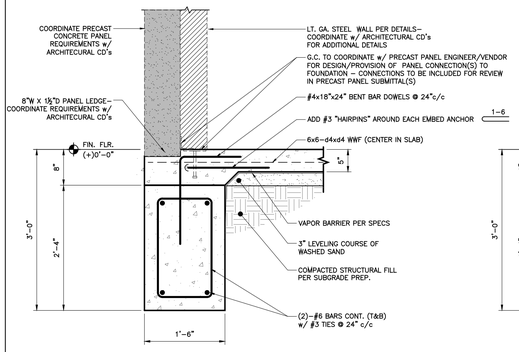
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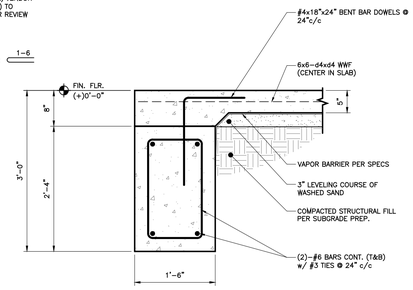
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S-2
FOUNDATION DETAILS

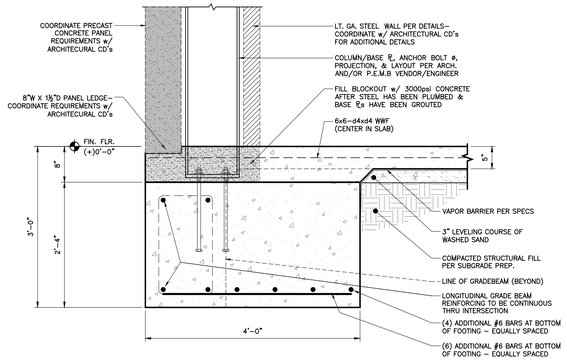
ISSUE DATE:
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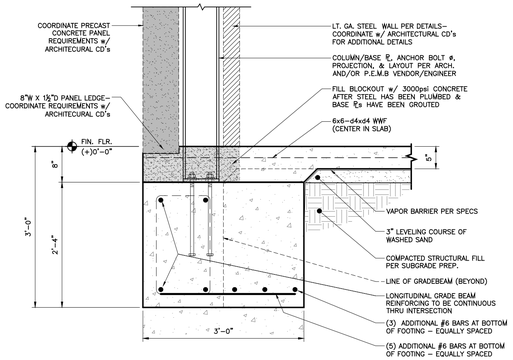
A SECTION
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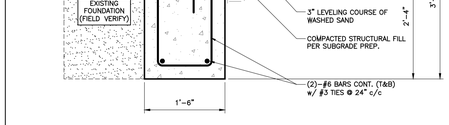
B SECTION
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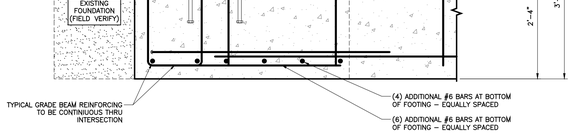
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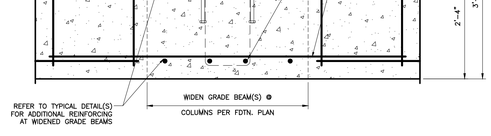
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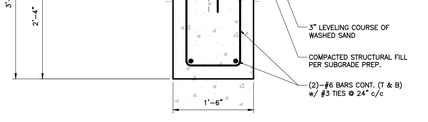
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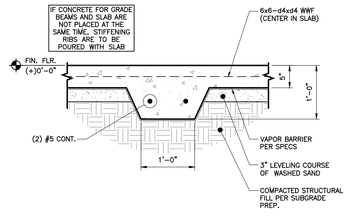
F SECTION
SCALE: 3/4" = 1'-0"



G SECTION
SCALE: 3/4" = 1'-0"



H SECTION
SCALE: 3/4" = 1'-0"



J SECTION
SCALE: 3/4" = 1'-0"

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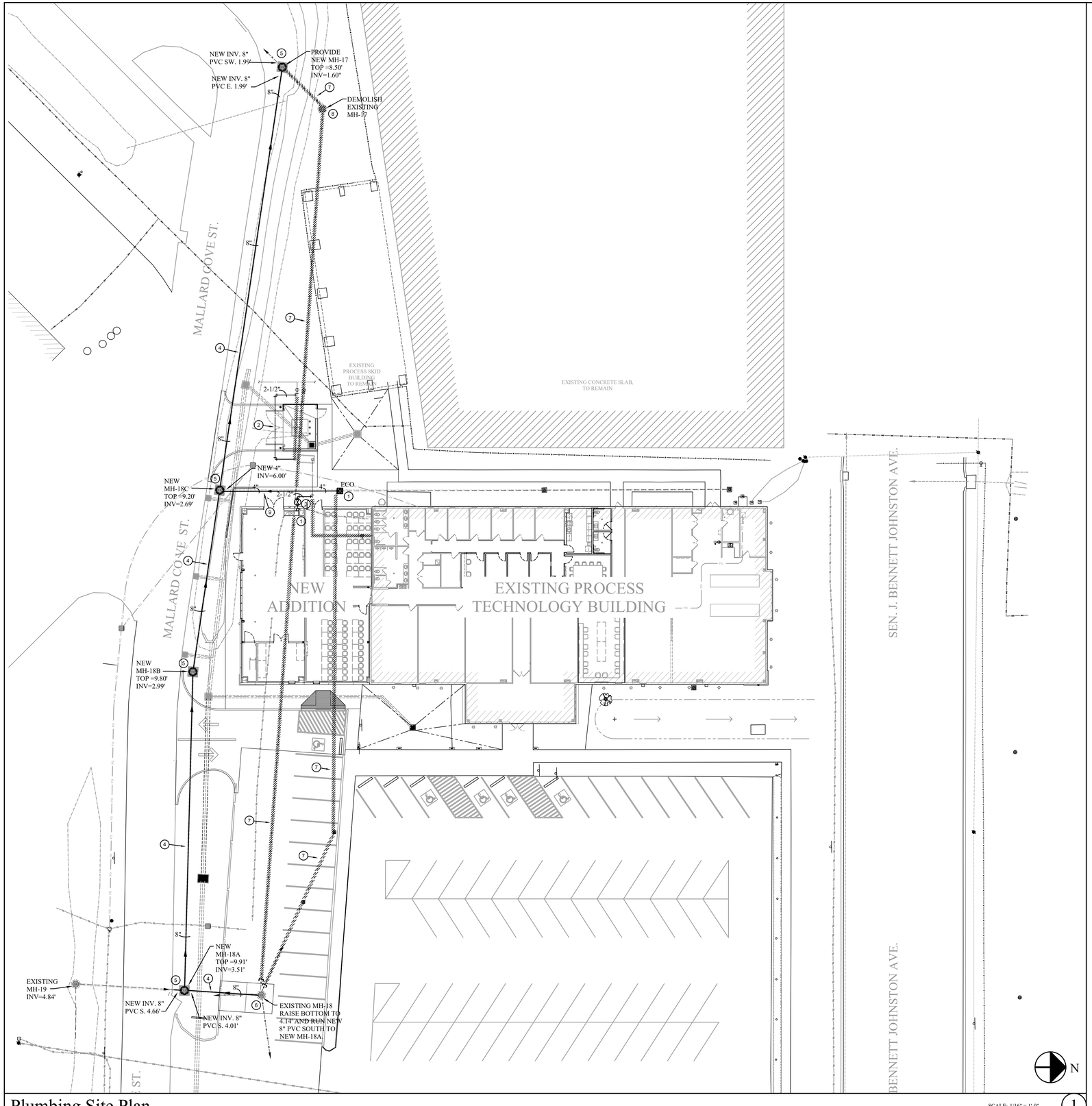
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CIVIL ENGINEERING
09/05/25

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S-3
FOUNDATION SECTIONS

ISSUE DATE:
3/13/2026



Plumbing Site Plan

SCALE: 1/16" = 1'-0"

1

PLUMBING KEYNOTES

1. REFER TO PLUMBING PLAN SHEET P2.1 FOR CONTINUATION.
2. PROVIDE AND CONNECT NEW 2-1/2" DOMESTIC WATER LINE TO EXISTING LINE AND ROUTE AROUND NEW DUMPSTER PAD AS SHOWN. WORK SHALL BE DONE ON THE WEEKEND SO THAT WATER SERVICE TO EXISTING BUILDING REMAINS IN SERVICE WHILE CLASS IS IN SESSION.
3. REMOVE EXISTING WATER LINE BELOW GRADE IN FOOTPRINT OF NEW ADDITION SHOWN HATCHED. PROVIDE NEW CUTOFF VALVE IN CAST IRON VALVE BOX AND RISE UP IN NEW ADDITION WALL. WORK SHALL BE DONE ON THE WEEKEND SO THAT WATER SERVICE TO EXISTING BUILDING REMAINS IN SERVICE WHILE CLASS IS IN SESSION. PROVIDE TEMPORARY INSULATED PEX WATER LINE ABOVE GRADE WHILE DOING WORK ON NEW BUILDING PAD TO MAINTAIN WATER SERVICE TO BUILDING DURING CONSTRUCTION. TEMPORARY WATER LINE SHALL PENETRATE SOUTH EXTERIOR WALL ABOVE CEILING HEIGHT. (NOTE THAT PERMANENT WATER PIPING ABOVE GRADE SHALL BE COPPER.)
4. RUN NEW 8" GRAVITY SEWER LINE AND BEDDING ON SITE WITH NEW MANHOLES SLOPE AT 0.4'/100'. NEW SEWER LINE AND MANHOLES SHALL BE INSTALLED AND TESTED PRIOR TO DEMOLITION OF EXISTING SEWER LINES ON SITE. PROVIDE TRACER WIRE FOR ALL NEW PIPING.
5. PROVIDE NEW CONCRETE SEWER MANHOLE WITH MULTI-COMPONENT STRESS PANEL INTERIOR LINER SYSTEM IN STRICT COMPLIANCE WITH CITY OF LAKE CHARLES REQUIREMENTS. APPROXIMATE INVERTS AND TOPS SHOWN. FIELD VERIFY TOP ELEVATIONS. CONTRACTOR SHALL FIELD VERIFY INVERTS PRIOR TO ORDERING MANHOLES. MANHOLE LID, GRATE, AND STRUCTURE SHALL BE RATED FOR HEAVY-DUTY WHEEL LOADS (AASHTO H-20 RATING). MANHOLE M-18C INSTALLED NEXT TO THE DITCH SHALL HAVE AN ECCENTRIC TOP WITH THE HIGH SIDE ON THE DITCH SIDE.
6. FILL EXISTING MANHOLE WITH CONCRETE TO INVERT SHOWN WITH NEW BENCHING. PROVIDE NEW INTERIOR LINER ON NEW CONCRETE. CAP AND SEAL EXISTING INLETS AND OUTLETS NO LONGER USED.
7. REMOVE EXISTING SEWER MAIN SHOWN HATCHED AFTER INSTALLATION OF NEW GRAVITY SEWER LINES AND MANHOLES AND BACKFILL WHERE REMOVED. COORDINATE ANY SEWER OUTAGE WITH CITY OF LAKE CHARLES AND SOWELA PRIOR TO COMMENCING ANY WORK. REFER TO CIVIL PLANS AND SPECIFICATIONS FOR BACKFILLING REQUIREMENTS.
8. REMOVE EXISTING SEWER MANHOLE AND ASSOCIATED PIPING AND BACKFILL. REFER TO CIVIL PLANS AND SPECIFICATIONS FOR BACKFILLING REQUIREMENTS.
9. EXTEND EXISTING SEWER LINE FROM BUILDING AND CONNECT TO NEW MANHOLE. WORK SHALL BE DONE ON THE WEEKEND SO THAT SEWER SERVICE TO EXISTING BUILDING REMAINS IN SERVICE WHILE CLASS IS IN SESSION.

PHASING:

EXISTING SEWER LINES AND MANHOLES SHOWN HATCHED SHALL BE DEMOLISHED PRIOR TO STARTING THE NEW BUILDING PAD. HOWEVER, THE EXISTING PTECH BUILDING AND EXISTING CHENNAULT NEIGHBORING BUILDING SHALL REMAIN IN SERVICE DURING NORMAL WORKING HOURS. THE UTILITY CONTRACTOR SHALL INSTALL NEW SEWER LINES AND SADDLE NEW MANHOLES ON EXISTING SEWER LINES AND PRESSURE TEST PRIOR TO SHUTTING DOWN EXISTING SEWER. AFTER TESTS ARE COMPLETE AND SATISFACTORY, DURING A WEEKEND WHEN THE PTECH AND CHENNAULT BUILDINGS ARE NOT OCCUPIED, THE UTILITY CONTRACTOR SHALL CUT OUT SEWER COUPONS AT THE BOTTOM OF THE NEW MANHOLES, ADJUST THE BENCHING FOR SMOOTH FLOW LINES, CAP EXISTING SEWER LINES NO LONGER USED, AND RAISE THE ELEVATION OF THE ONE MANHOLE CONNECTED TO THE CHENNAULT SEWER.

PLUMBING GENERAL NOTES:

A. IT IS THE INTENT THAT THE EXISTING BUILDING SHALL REMAIN IN OPERATION THROUGHOUT CONSTRUCTION. ANY SEWER OR WATER TIE-INS OR UTILITY TRANSFERS SHALL BE MADE ON WEEKENDS. TEMPORARY WATER LINE SHALL BE INSTALLED AS REQUIRED.

B. ALL WORK SHALL BE IN ACCORDANCE WITH CITY OF LAKE CHARLES STANDARD SPECIFICATIONS FOR INFRASTRUCTURE CONSTRUCTION AND APPLICABLE LOCAL, STATE, AND FEDERAL CODES (INCLUDING INTERNATIONAL PLUMBING CODE, ETC.) AND APPLICABLE LDH REGULATIONS TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION. CONTRACTOR SHALL OBTAIN REQUIRED PERMITS AND APPROPRIATE WORK AUTHORIZATION PRIOR TO BEGINNING WORK.

C. CONTRACTOR SHALL VERIFY EXACT LOCATION AND SIZES OF UTILITIES, INVERT ELEVATIONS, ETC. PRIOR TO BEGINNING ANY ROUGH-IN OF SUBSURFACE WORK. COORDINATE ALL UTILITY TIE-IN REQUIREMENTS WITH RESPECTIVE UTILITIES.

D. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS, DETAILS, ETC. INSTALL WORK TO CONFORM TO ARCHITECTURAL AND STRUCTURAL DRAWINGS AS REQUIRED. REVIEW COMPLETE SET OF CONTRACT DOCUMENTS PRIOR TO SUBMITTING BID.

E. CONTRACTOR SHALL RUN ALL NEW UTILITIES (WATER, SEWER, GAS, ETC.) AROUND NEW CONSTRUCTION AREA AS INDICATED PRIOR TO SHUTTING DOWN OR TIE-ING INTO ANY SYSTEMS. COORDINATE ALL UTILITY SERVICE DISRUPTIONS TO OTHER UTILITY CUSTOMERS WITH RESPECTIVE UTILITY. ALL UTILITY RELOCATION (SUCH AS WATER) SHALL BE DONE IN STRICT COMPLIANCE WITH UTILITY COMPANY STANDARDS AND REQUIREMENTS. CONTACT UTILITY COMPANY AND VERIFY AND (DOCUMENT) REQUIREMENTS, COST, CHARGES, ETC.. CONTRACTOR SHALL FULLY COMPLY WITH ALL UTILITY COMPANY REQUIREMENTS.

F. COORDINATE ALL WORK THROUGH GENERAL CONTRACTOR. COORDINATE CUTTING, PATCHING, TRENCHING WORK WITH SITE GRADING/PAVING PLAN.

G. UNDERGROUND UTILITIES ARE APPROXIMATE. VERIFY INVERTS AND EXACT LOCATIONS WITH UTILITY PERSONNEL. VERIFY ALL EASEMENTS WITH APPROPRIATE PARTIES. ADJUST ALL UTILITY LINES ACCORDINGLY.

H. PROVIDE STERILIZATION FOR ALL WATER LINES, VALVES, AND FITTINGS IN ACCORDANCE WITH LDH REQUIREMENTS PRIOR TO PLACING IN SERVICE.

I. ALL WATER LINES AND SEWER LINES SHALL HAVE TRACER WIRE INSTALLED.

J. PROVIDE CAST IRON VALVE BOXES WITH METAL COVERS MARKED "WATER" FOR ALL VALVES. COMPLY WITH CITY OF LAKE CHARLES REQUIREMENTS.

K. NEW SEWER LINES SHALL BE INSTALLED MINIMUM 6' HORIZONTAL FROM EXISTING WATER LINES.

NOTE: SITE SEWER LINES AND MANHOLES SHALL BE INSTALLED BY A CONTRACTOR POSSESSING A LOUISIANA STATE LICENSING BOARD FOR CONTRACTORS CLASSIFICATION OF MUNICIPAL AND PUBLIC WORKS CONSTRUCTION AND APPROVED BY CITY OF LAKE CHARLES FOR INFRASTRUCTURE WORK.

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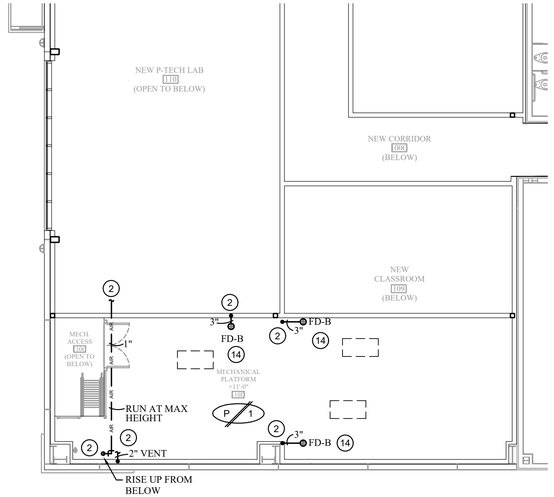
C.E.H. PROJECT NUMBER
2506

STATE OF LOUISIANA
HERBERT R. ALEXANDER, III
LICENSE No. 30775
PROFESSIONAL ENGINEER
MECHANICAL ENGINEERING
3/13/26

CHAMPEAUX EVANS HOTARD, APAC
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ISSUE DATE:
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Mechanical Platform - Plumbing Plan

SCALE: 1/8" = 1'-0"

2

PLUMBING GENERAL NOTES:

A. ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL CODES (INCLUDING INTERNATIONAL PLUMBING CODE, INTERNATIONAL BUILDING CODE, INTERNATIONAL FUEL GAS CODE, NFPA, ETC.) AND APPLICABLE DEQ AND DHHOP REGULATIONS TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION. CONTRACTOR SHALL OBTAIN REQUIRED PERMITS AND APPROPRIATE WORK AUTHORIZATION PRIOR TO BEGINNING WORK.

B. CONTRACTOR SHALL VERIFY EXACT LOCATION AND SIZES OF UTILITIES, INVERT ELEVATIONS, ETC. PRIOR TO BEGINNING ANY ROUGH-IN OF SUBSURFACE WORK. COORDINATE ALL UTILITY TIE-IN REQUIREMENTS WITH RESPECTIVE UTILITIES.

C. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS, DETAILS, ETC. INSTALL WORK TO CONFORM TO ARCHITECTURAL AND STRUCTURAL DRAWINGS AS REQUIRED. REVIEW COMPLETE SET OF CONTRACT DOCUMENTS PRIOR TO SUBMITTING BID.

D. CONTRACTOR SHALL RUN ALL NEW UTILITIES (WATER, SEWER, GAS, ETC.) AROUND NEW CONSTRUCTION AREA AS INDICATED PRIOR TO SHUTTING DOWN OR TIE-ING INTO ANY SYSTEMS. COORDINATE ALL UTILITY SERVICE DISRUPTIONS TO OTHER UTILITY CUSTOMERS WITH RESPECTIVE UTILITY. ALL UTILITY RELOCATION (SUCH AS WATER) SHALL BE DONE IN STRICT COMPLIANCE WITH UTILITY COMPANY STANDARDS AND REQUIREMENTS. CONTACT UTILITY COMPANY AND VERIFY AND (DOCUMENT) REQUIREMENTS, COST, CHARGES, ETC.. CONTRACTOR SHALL FULLY COMPLY WITH ALL UTILITY COMPANY REQUIREMENTS.

E. COORDINATE ALL WORK THROUGH GENERAL CONTRACTOR. COORDINATE CUTTING, PATCHING, TRENCHING WORK WITH SITE GRADING/PAVING PLAN.

F. UNDERGROUND UTILITIES ARE APPROXIMATE. VERIFY INVERTS AND EXACT LOCATIONS WITH UTILITY PERSONNEL. VERIFY ALL EASEMENTS WITH APPROPRIATE PARTIES. ADJUST ALL UTILITY LINES ACCORDINGLY.

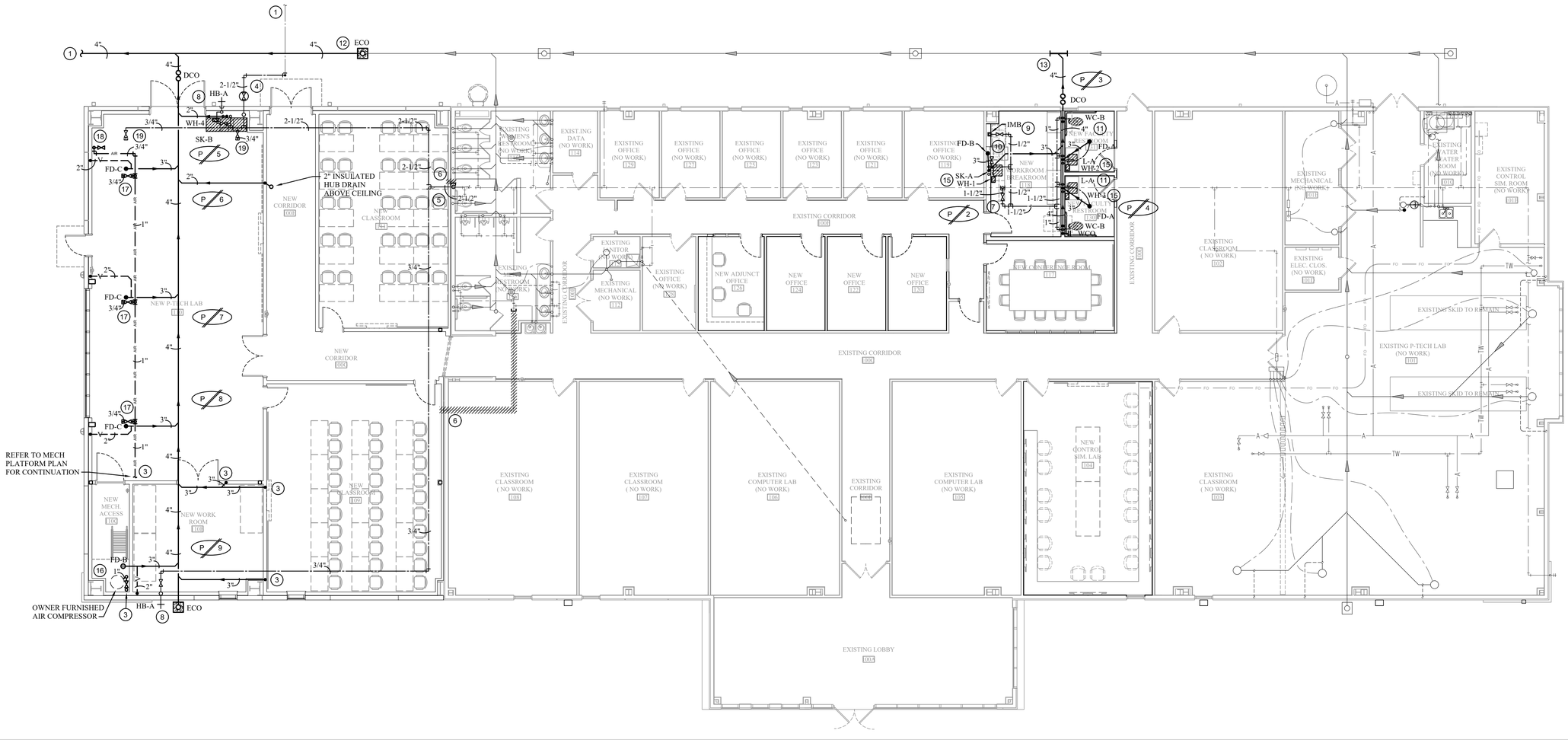
G. COORDINATE INSTALLATION OF ALL PLUMBING, PIPING, ETC. WITH STRUCTURE.

H. ALL DOMESTIC WATER BRANCH LINES SHALL HAVE VALVES AT MAINLINES.

F. CONTRACTOR SHALL REFER TO ALL ARCHITECTURAL DRAWINGS FOR PHASING. EXISTING BUILDING SHALL REMAIN IN SERVICE DURING WEEKDAYS THROUGHOUT CONSTRUCTION.

PLUMBING KEYNOTES:

1. REFER TO SITE PLAN SHEET P1.1 FOR CONTINUATION.
2. REFER TO DETAIL #1 THIS SHEET FOR CONTINUATION.
3. REFER TO DETAIL #2 THIS SHEET FOR CONTINUATION.
4. CONNECT NEW WATER LINE TO EXISTING WATER LINE ON SITE. RISE UP IN EXTERIOR WALL AND CONTINUE WITH INSULATED WATER LINES AT MAX HEIGHT BELOW STRUCTURE.
5. CONNECT NEW WATER LINE TO EXISTING WATER LINE ABOVE CEILING. PER SHEET P1.1, MAKE PROVISIONS FOR TEMPORARY INSULATED PEX WATER LINE CONNECTION TO SERVE EXISTING BUILDING AND MAINTAIN WATER SERVICE THROUGHOUT CONSTRUCTION. (NOTE THAT PERMANENT WATER PIPING ABOVE GRADE SHALL BE COPPER.)
6. REMOVE EXISTING HOSE BIBB AND CAP EXISTING WATER LINE ABOVE NEW CEILING BACK AT MAIN WATER LINE.
7. CONNECT NEW INSULATED WATER LINE WITH VALVE TO EXISTING WATER LINE AND CONTINUE ABOVE CEILING WITH HANGERS TO NEW FIXTURES AS SHOWN.
8. 3/4" COLD WATER LINE DOWN IN WALL AND OUT TO HOSE BIBB. PROVIDE BALL TYPE CUTOFF VALVE IN ACCESSIBLE LOCATION.
9. 1/2" COLD WATER LINE DOWN IN WALL TO ICE MAKER VALVE BOX. MAKE FINAL CONNECTION TO REFRIGERATOR ICE MAKER. PROVIDE BALL TYPE CUTOFF VALVE IN ACCESSIBLE LOCATION.
10. PROVIDE 1/2" DOMESTIC COLD WATER CONNECTION WITH CUTOFF VALVE TO ICE MACHINE. PROVIDE AND INSTALL WATER FILTER WITH BY-PASS IN ACCESSIBLE LOCATION. PROVIDE ALL ACCESSORIES REQUIRED BY ICE MAKER MANUFACTURER AND CLEARANCE FOR FILTER REPLACEMENT. MAKE FINAL CONNECTION TO ICE MACHINE
11. TAP OFF LAVATORY P-TRAP WITH 1/2" CHROME LINE TO WALL AND CONTINUE IN WALL WITH 1/2" SOFT COPPER LINE TO BELOW GRADE TO TRAP PRIMER CONNECTION ON FLOOR DRAIN. ALL EXPOSED SUPPLY LINE SHALL BE CHROME (DEARBORN 831-1 OR EQUAL P-TRAP TYPE).
12. EXTEND EXISTING SEWER LINE WITH NEW SEWER LINE AND CLEANOUTS AS SHOWN. COORDINATE EXTERIOR CLEANOUT LOCATIONS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. CLEANOUTS SHALL NOT BE INSTALLED BENEATH MECHANICAL EQUIPMENT. PER SHEET P1.1, MAKE PROVISIONS SHALL BE MADE TO MAINTAIN SEWER SERVICE FOR EXISTING BUILDING THROUGHOUT CONSTRUCTION.
13. CONNECT NEW SEWER LINE TO EXISTING SEWER LINE IN THIS VICINITY. CORE DRILL THROUGH GRADE BEAM AND CUT AND PATCH SLAB TO MATCH EXISTING FOR NEW PLUMBING FIXTURES IN EXISTING SLAB. VERIFY EXISTING SEWER INVERT IN FIELD PRIOR TO BREAKING SLAB.
14. PROVIDE INSULATED RECESSED FLOOR DRAINS AT PLATFORM DECK FOR A/C CONDENSATE DRAIN. INSULATE DOWN TO BELOW SLAB. COORDINATE EXACT LOCATIONS IN THE FIELD WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE PROSET TRAP GUARD TRAP PRIMER.
15. PROVIDE INSTANTANEOUS WATER HEATER IN MILLWORK OR ON WALL BELOW SINK. COORDINATE WITH ARCHITECT'S MILLWORK PLANS PRIOR TO ROUGH-IN.
16. INSTALL OWNER FURNISHED AIR COMPRESSOR AND PERMANENTLY ANCHOR TO SLAB BELOW STAIR WITH VIBRATION ISOLATORS. RISE UP TO PLATFORM ABOVE AND RUN NEW COMPRESSED AIR PIPING AT MAXIMUM HEIGHT WITH HANGERS AT 5' ON CENTER. PROVIDE OSHA LABELING FOR COMPRESSED AIR PIPE. PROVIDE FLEXIBLE CONNECTION BETWEEN AIR COMPRESSOR AND RIGID PIPE.
17. PROVIDE TEE OFF TOP OF COMPRESSED AIR PIPE, ELBOW OVER, AND TURN DOWN WITH 3/4" VALVE AND CAP AT MAX HEIGHT FOR FUTURE CONTINUATION DOWN TO FUTURE EQUIPMENT.
18. DROP DOWN WITH 3/4" COMPRESSED AIR PIPING TO 36" A.F.F. WITH WALL SUPPORTS AT 5' ON CENTER AND PROVIDE CUTOFF VALVE AND TEE WITH CAP. PROVIDE DRIP LEG BELOW VALVE WITH ADDITIONAL BLEEDER VALVE TO DRAIN WATER.
19. PROVIDE 3/4" WATER VALVE AND CAP AT MAX HEIGHT FOR FUTURE.



Plumbing Plan

SCALE: 1/8" = 1'-0"

1

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C.E.H. PROJECT NUMBER
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3/13/26

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PLUMBING FIXTURE SCHEDULE

MARK DESCRIPTION	MFGR	SERVICES					REMARKS
		TRAP	WASTE	VENT	HW	CW	
WC-B WATER CLOSET FLOOR MOUNTED FLUSH VALVE ADA	KOHLER SLOAN	INT.	4"	3"	--	1"	KOHLER K-96057, SLOAN REGAL 111-1.6, CHURCH 295C: WHITE, VITREOUS CHINA, ELONGATED BOWL, SIPHON JET 1.6 GAL FLUSH FLOOR MOUNT WATER CLOSET WITH ELONGATED BOWL AND 1-1/2" TOP SPUD AND BOLT CAPS, WHITE OPEN FRONT SEAT / LESS COVER WITH STAINLESS STEEL CHECK HINGE, AND 1.6 GALLON FLUSH VALVE WITH VACUUM BREAKER AND STOP. INSTALL FLUSH VALVE HANDLE ON WIDE SIDE OF STALL.
L-A LAVATORY UNDERMOUNT ADA	KOHLER	1-1/4"	2"	2"	1/2"	1/2"	GERBER 12-791: WHITE VITREOUS CHINA UNDERMOUNT LAVATORY WITH SINGLE HOLE. KOHLER K-97282-4-CP FAUCET, GRID DRAIN W/ PERFORATED STRAINER AND TAILPIECE AND 1-1/4" 17 GA. P-TRAP WITH CLEANOUT AND 3/8" ANGLE SUPPLIES WITH STOPS. INSULATE P-TRAP AND COLD WATER SUPPLIES WITH TRUEBRO 102 LAVGUARD. PROVIDE CONCEALED ARM FLOOR MOUNTED CARRIER. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT. PROVIDE TAILPIECE TRAP PRIMER AND ASSE 1070 MIXING VALVE.
SK-A SINK SINGLE COMPARTMENT	KOHLER	1-1/2"	2"	2"	1/2"	1/2"	KOHLER - K-3332-NA, ELKAY LKHA1041CR FAUCET, K-8801-CP DRAINS: 18 GAUGE TYPE 304-SS, UNDERMOUNT 23"X17-1/2"X7-5/8" DEEP SINGLE COMPARTMENT SINK, PULL DOWN FAUCET, S.S. DRAINS WITH STRAINERS, WITH 17 GA CAST BRASS P-TRAP WITH CO PLUG, ANGLE SUPPLIES WITH STOPS.
SK-B UTILITY SINK	ELKAY	1-1/2"	2"	2"	3/4"	3/4"	ELKAY - SS8124LR, LK25RT, LK940AT10T4S: 14 GA. TYPE 304 SS FLOOR MOUNTED SCULLERY SINK 24"X24"X14" DEEP SINK WITH TWO 24" DRAIN BOARDS, BACKSPLASH WALL MOUNT FAUCET WITH WRIST BLADE HANDLES, GRID DRAIN WITH ROTARY LEVER, WITH CAST BRASS P-TRAP WITH CO, ANGLE SUPPLIES WITH STOPS. PROVIDE ASSE 1070 MIXING VALVES. PLUMBING CONTRACTOR SHALL ADJUST FEET TO SET LEVEL OF SINK / DRAINBORD RIM TO 33-3/4" MAXIMUM HEIGHT AT HIGHEST POINT. IF NECESSARY TO ACHIEVE REQUIRED A.D.A. HEIGHT MAXIMUM, REMOVE ADJUSTABLE FOOT ASSEMBLY, CUT LEGS, AND REINSTALL FOOT ASSEMBLY (X4). PLUMBING CONTRACTOR SHALL SECURE DRAINBOARD / BACKSPLASH TO WALL, AS REQUIRED TO ENSURE STABILITY OF UNIT.
IMB ICE MAKER BOX	GUY GRAY	--	--	--	--	1/2"	GUY GRAY BIM875: PROVIDE 3/8" ANGLE SUPPLY WITH STOP IN 20 GA. METAL RECESSED, FLUSH MOUNTED BOX MOUNT AT 12" A.F.F.
HB HOSE BIBB	WOODFORD	--	--	--	--	3/4"	WOODFORD B65: ANTI-SIPHON VACUUM BREAKER PROTECTED WALL FAUCET IN CHROME BOX WITH 3/4" HOSE THREAD, BRASS CONSTRUCTION WITH TEE KEY HANDLE. EXTERIOR FINISH SHALL BE POLISHED CHROME.
FD-A FLOOR DRAIN	WADE	3"	3"	2"	--	--	WADE 1100STD: CAST IRON FLOOR DRAIN W/ FLANGE, INTEGRAL CLAMPING COLLAR, SEEPAGE OPENING, ADJUSTABLE SQUARE NICKEL BRONZE STRAINER W/ SQUARE PERFORATIONS, TRAP PRIMER CONNECTION, P-TRAP.
FD-B FLOOR DRAIN RECESSED GRATE	WADE	3"	3"	2"	--	--	WADE 1100ER: CAST IRON FLOOR DRAIN W/ FLANGE, INTEGRAL CLAMPING COLLAR, SEEPAGE OPENING, ADJUSTABLE 7" DIA., NICKEL BRONZE EXTENDED RIM STRAINER W/ SQUARE PERFORATIONS, P-TRAP. PROVIDE PRO-SET TRAP GUARD.
FD-C FLOOR DRAIN RECESSED GRATE W/ COVER	WADE	3"	3"	2"	--	--	WADE 1100ER: CAST IRON FLOOR DRAIN W/ FLANGE, INTEGRAL CLAMPING COLLAR, SEEPAGE OPENING, ADJUSTABLE 7" DIA., NICKEL BRONZE EXTENDED RIM STRAINER W/ SQUARE PERFORATIONS, P-TRAP. PROVIDE PRO-SET TRAP GUARD. PLUMBING CONTRACTOR SHALL PROVIDE CUSTOM WATER JET CUT CHECKER PLATE ALUMINUM FILLER PLATE TO MATCH DRAIN RECESS DEPTH AND RESULT IN A FLUSH CONDITION WITH FINISHED FLOOR.
FCO FLOOR CLEANOUT	WADE	--	LINE SIZE	--	--	--	WADE 6000: CAST IRON FLOOR CLEANOUT WITH ROUND ADJUSTABLE SCORIATED SECURED NICKEL BRONZE TOP. COORDINATE TOP STYLE WITH FINISHED FLOOR MATERIAL (CARPET, TILE, ETC.).
WCO WALL CLEANOUT	WADE	--	LINE SIZE	--	--	--	WADE 8560E: CAST IRON CLEANOUT TEE WITH BRASS PLUG AND 8480R SECURED STAINLESS STEEL ACCESS COVER.
ECO EXTERIOR CLEANOUT	TYLER	--	LINE SIZE	--	--	--	TYLER - 2-101: CAST IRON FRAME AND COVER MARKED "SEWER CLEANOUT". PROVIDE AS DETAILED IN CONCRETE SLAB.

TANKLESS WATER HEATER SCHEDULE

UNIT No	LOCATION	STORAGE GAL	FLOW GPM	TEMP RISE	HEATING ELEMENTS (SIMULTANEOUS WIRING)	ELEC. SERVICE	MFGR MODEL NO.
WH-1	BREAKROOM	TANKLESS	1.0	28	4.1 KW	208-1-60	EEMAX SPEX55T OR APPROVED EQUIVALENT (1)
WH-2	RR	TANKLESS	1.0	28	4.1 KW	208-1-60	EEMAX SPEX55T OR APPROVED EQUIVALENT (1)
WH-3	RR	TANKLESS	1.0	28	4.1 KW	208-1-60	EEMAX SPEX55T OR APPROVED EQUIVALENT (1)
WH-4	LAB	TANKLESS	1.0	47	6.9 KW	208-1-60	EEMAX SPEX95T OR APPROVED EQUIVALENT (1)

(1) MOUNTED ON WALL UNDER LAVATORY OR SINK. FACTORY SET NOT TO EXCEED 120 °F.

PLUMBING LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	SANITARY SEWER LINE		WATER HAMMER ARRESTOR (SEE PLUMBING RISER DIAGRAMS)
	SEWER VENT LINE		SEWER WALL CLEANOUT STORM DRAIN END CLEANOUT
	SEWER VENT LINE	P-XX	PLUMBING RISER DIAGRAM NUMBER
	DOMESTIC COLD WATER LINE	AFF	ABOVE FINISHED FLOOR
	DOMESTIC HOT WATER LINE	AFG	ABOVE FINISHED GRADE
	BALL VALVE OR CUTOFF VALVE	VTR	VENT THRU ROOF
	UNION	AP	ACCESS PANEL
		DCO	DOUBLE CLEANOUT
		NTS	NOT TO SCALE

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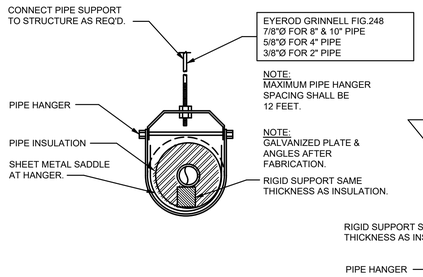
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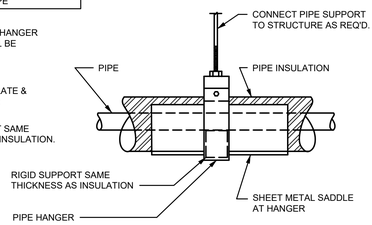
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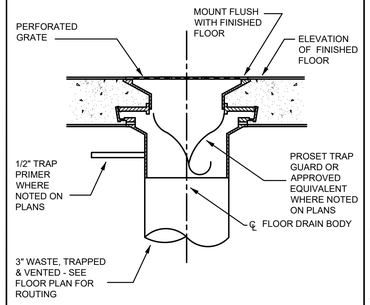
P3.1

ISSUE DATE:
3 / 13 / 2026

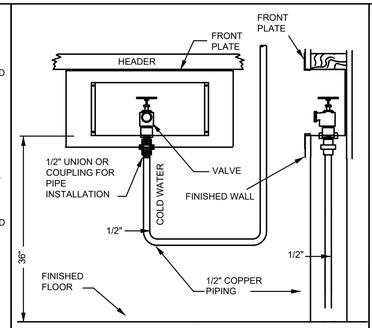




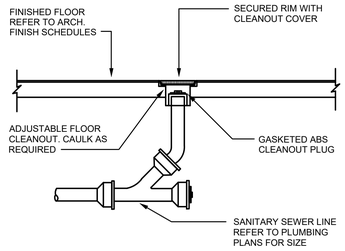
1 INSULATED PIPE HANGER DETAIL
NO SCALE



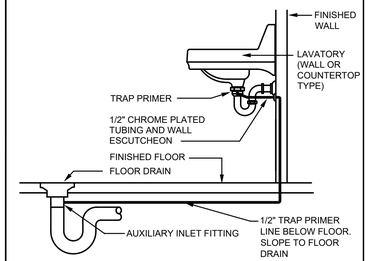
2 FLOOR DRAIN "FD-A" DETAIL
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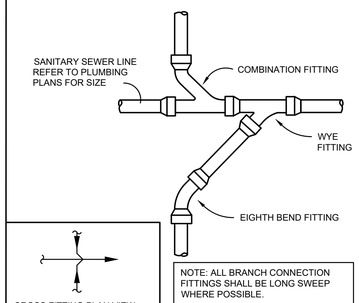
3 ICE MAKER VALVE BOX
NO SCALE



4 FLOOR CLEANOUT DETAIL
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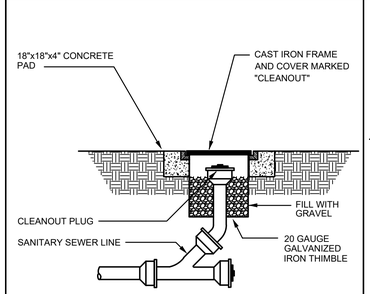


5 TRAP PRIMER DETAIL
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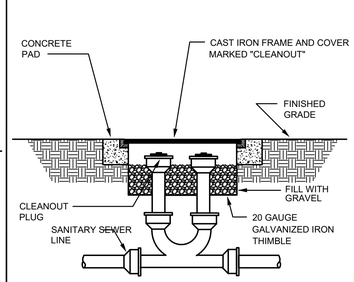


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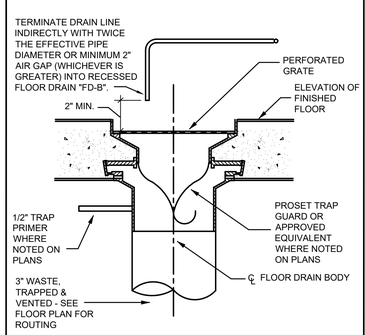
6 SANITARY SEWER CROSS INSTALLATION METHOD CONNECTION DETAIL (TYPICAL)



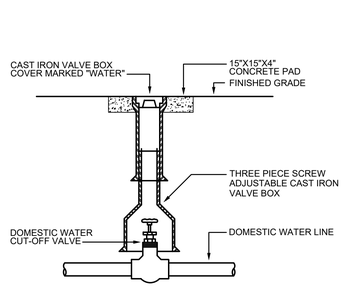
7 EXTERIOR CLEANOUT DETAIL
NO SCALE



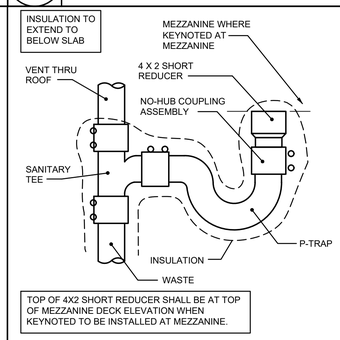
8 TWO-WAY EXTERIOR CLEANOUT DETAIL
NO SCALE



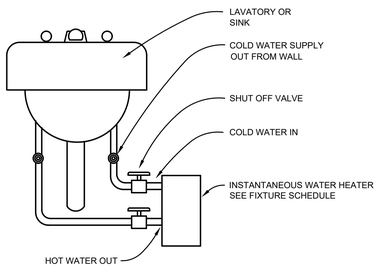
9 FLOOR DRAIN "FD-B" DETAIL
NO SCALE



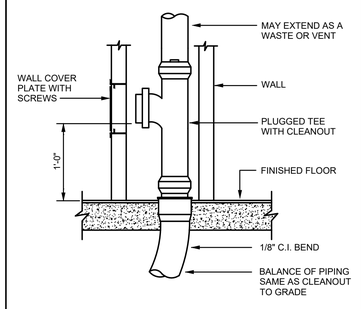
10 WATER VALVE BOX DETAIL
NO SCALE



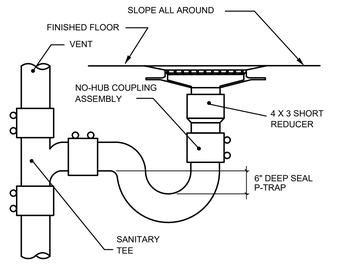
11 HUB DRAIN DETAIL
NO SCALE



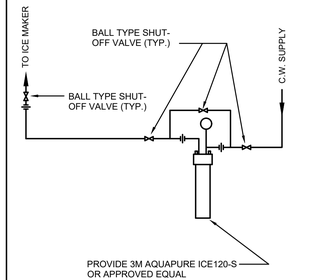
12 INSTANT WATER HEATER DETAIL
NO SCALE



13 WALL CLEANOUT DETAIL
NO SCALE



14 FLOOR DRAIN DETAIL
NO SCALE



15 ICE MAKER WATER FILTER DETAIL
NO SCALE

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C.E.H. PROJECT NUMBER
2506

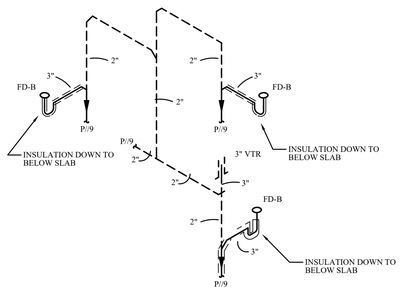
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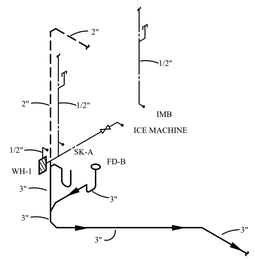
P3.2

ISSUE DATE:
3 / 13 / 2026

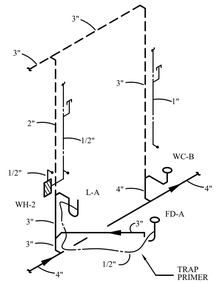
P 1



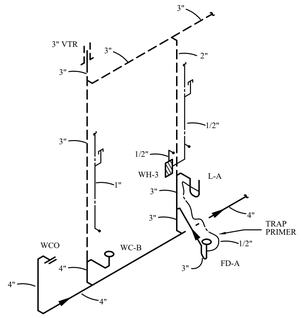
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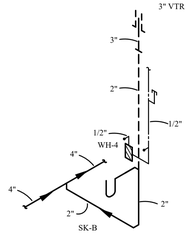
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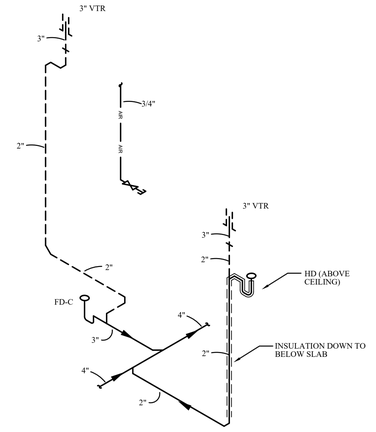
P 4



P 5



P 6



P 7

P 8

P 8

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C.E.H. PROJECT NUMBER
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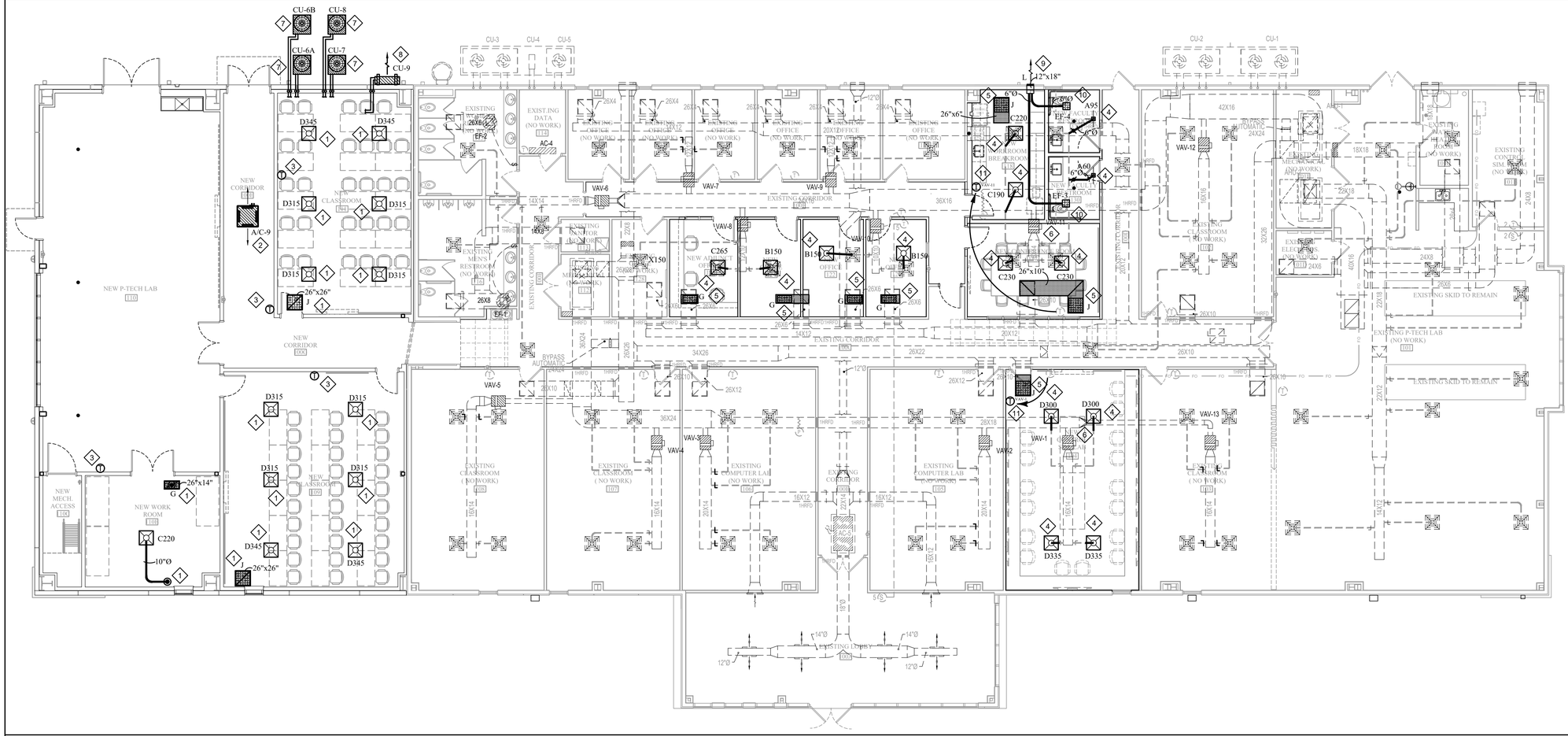
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P3.3

ISSUE DATE:
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HVAC KEYNOTES:

1. REFER TO SHEET M2.2 FOR CONTINUATION OF DUCTWORK FROM DIFFUSERS AND GRILLES IN CEILING UP TO ABOVE. (TYPICAL)
2. PROVIDE CEILING CASSETTE AND INSTALL IN LOCATION SHOWN. COORDINATE WITH LIGHTING AND SPECIAL SYSTEMS PLANS PRIOR TO ROUGH-IN. RUN INSULATED CONDENSATE DRAIN LINE FROM CONDENSATE PUMP TO HUB DRAIN SHOWN ON PLUMBING PLANS. COORDINATE HUB DRAIN HEIGHT AND LOCATION IN FIELD WITH PLUMBING CONTRACTOR. PROVIDE HARD WIRED THERMOSTAT FOR CEILING CASSETTE.
3. COORDINATE THERMOSTAT LOCATIONS IN FIELD WITH OWNER AND ARCHITECT PRIOR TO ROUGH-IN. INSTALL AT ADA HEIGHT. RUN ALL CONTROL WIRING IN CONDUIT WITH HANGERS CONCEALED ABOVE CEILINGS AND IN WALLS.
4. REMOVE EXISTING SUPPLY DIFFUSER AND PROVIDE NEW SUPPLY DIFFUSER. CONNECT TO EXISTING DUCTWORK WITH NEW DUCT EXTENSION, TRANSITION, AND INSULATION AND INSTALL IN NEW CEILING WITH HANGERS UP TO STRUCTURE ABOVE. BALANCE TO CFM SHOWN. PROVIDE MANUAL BALANCING DAMPER.
5. REMOVE EXISTING RETURN GRILLE AND PROVIDE NEW RETURN GRILLE. CONNECT TO EXISTING DUCTWORK WITH NEW DUCT EXTENSION, TRANSITION, AND INSULATION AND INSTALL IN NEW CEILING WITH HANGERS UP TO STRUCTURE ABOVE. BALANCE TO CFM SHOWN. PROVIDE MANUAL BALANCING DAMPER.
6. BALANCE EXISTING VAV BOX MAXIMUM AIRFLOW TO TOTAL OF CONNECTED SUPPLY DIFFUSER CFM. RELOCATE VAV BOX TO AVOID NEW WALL STUDS AND EXTEND DUCTWORK AND INSULATION AS REQUIRED.
7. PROVIDE AND INSTALL OUTDOOR CONDENSING UNIT ON CONCRETE HOUSEKEEPING PADS WITH NEOPRENE ISOLATORS SECURED TO CONCRETE PAD TO ACHIEVE A LEVEL INSTALLATION. CONCRETE PADS BY GENERAL CONTRACTOR. RUN INSULATED REFRIGERANT LINES TO EXTERIOR WALL WITH UNI-STRUT SUPPORTS, RISE UP IN WALL TO ABOVE CEILING AND CONTINUE WITH HANGERS AND SADDLES AT 5' ON CENTER TO CORRESPONDING INDOOR UNITS. PROVIDE ALL REFRIGERANT ACCESSORIES AND ITEMS REQUIRED FOR PROPER INSTALLATION AND OPERATION. WRAP ALL EXTERIOR / EXPOSED PIPING WITH WHITE VENTURE CLAD. OVERLAP ALL SEAMS AND INSTALL AS PER MANUFACTURER'S INSTRUCTIONS. PROVIDE WALL PENETRATION BOX (AIRTEX TITAN GS30 OR APPROVED EQUIVALENT AT EACH REFRIGERANT LINE WALL PENETRATION). SEAL ALL WALL PENETRATIONS AIR AND WEATHER TIGHT. COORDINATE CONDENSING UNITS WITH ELECTRICAL GEAR AND DISCONNECTS PRIOR TO ROUGH-IN.
8. PROVIDE FACTORY WALL MOUNTING BRACKET FOR DUCTLESS SPLIT CONDENSING UNIT AND INSTALL AT HEIGHT AND LOCATION REQUIRED BY ARCHITECT. GENERAL CONTRACTOR SHALL PROPERLY SECURE TO EXTERIOR WALL AND SEAL FASTENER PENETRATIONS. RUN INSULATED REFRIGERANT LINES TO EXTERIOR WALL WITH UNI-STRUT SUPPORTS, RISE UP IN WALL TO ABOVE CEILING AND CONTINUE WITH HANGERS AND SADDLES AT 5' ON CENTER TO CORRESPONDING INDOOR UNITS. PROVIDE ALL REFRIGERANT ACCESSORIES AND ITEMS REQUIRED FOR PROPER INSTALLATION AND OPERATION. WRAP ALL EXTERIOR / EXPOSED PIPING WITH WHITE VENTURE CLAD. OVERLAP ALL SEAMS AND INSTALL AS PER MANUFACTURER'S INSTRUCTIONS. PROVIDE WALL PENETRATION BOX (AIRTEX TITAN GS30 OR APPROVED EQUIVALENT AT EACH REFRIGERANT LINE WALL PENETRATION). SEAL ALL WALL PENETRATIONS AIR AND WEATHER TIGHT.
9. PROVIDE HURRICANE LOUVER ON EXTERIOR WALL WITH INSULATED PLENUM BOX BEHIND LOUVER FOR EXHAUST. COORDINATE EXACT HEIGHT AND LOCATION WITH ARCHITECT.
10. PROVIDE CEILING EXHAUST FAN AS SCHEDULED WITH OCCUPANCY SENSOR AND TIMER SEPARATE FROM LIGHTS TO BE INSTALLED BY ELECTRICAL CONTRACTOR. RUN INSULATED EXHAUST DUCT ABOVE CEILING TO EXTERIOR WALL AND CONNECT TO LOUVER PLENUM BOX.
11. COORDINATE WITH TRANE CONTROLS TO RELOCATE EXISTING VAV BOX THERMOSTAT TO NEW LOCATION SHOWN AND RECALIBRATE. EXTEND CONTROL WIRING AS REQUIRED.



N

SCALE: 1/8" = 1'-0"

1

Mechanical Plan

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C.E.H. PROJECT NUMBER
2506

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3/19/26

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M2.1

ISSUE DATE:
3 / 13 / 2026

GENERAL HVAC NOTES:

A. ALL WORK SHALL COMPLY WITH LOCAL, STATE, AND FEDERAL CODES TO THE SATISFACTION OF CODE AUTHORITIES HAVING JURISDICTION.

B. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF NFPA 90A & 101, THE CLEAN AIR ACT AND THE AMERICANS WITH DISABILITIES ACT.

C. COORDINATE ALL CEILING DEVICES, DUCTWORK, ETC. WITH LIGHTING, STRUCTURE, ETC. THROUGH GENERAL CONTRACTOR. REFER TO ALL DRAWINGS, (STRUCTURAL, PLUMBING, ELECTRICAL, ARCHITECTURAL, ETC.). NOTIFY ARCHITECT/ENGINEER CONCERNING ANY CONFLICTS NOTED PRIOR TO BIDS FOR CLARIFICATION TO THE SATISFACTION OF THE BIDDER. REFER TO SPECIFICATIONS FOR REQUIREMENTS. REFER TO LATEST ARCHITECTURAL REFLECTED CEILING PLAN. COORDINATE ALL CEILING DEVICE LOCATIONS WITH CEILING GRID.

D. UNLESS SPECIFICALLY NOTED, ALL SUPPLY, RETURN, OUTSIDE AIR AND EXHAUST AIR DUCTWORK SHALL BE UNLINED AND WRAP DUCTWORK EXTERNALLY.

E. HARDCAST ALL DUCTWORK JOINTS FOR AIRTIGHT SYSTEM. REFER TO DETAILS FOR DUCTWORK TAP, SPLITTER, BRANCH CONFIGURATION, ETC. INSTALL IN ACCORDANCE WITH SMACNA RECOMMENDATIONS AND INSTALLATION GUIDELINES.

F. VERIFY ALL OUTSIDE AIR INTAKES ARE A MINIMUM OF TEN FEET FROM EXHAUST OUTLETS, SEWER VENTS, ETC

G. PROGRAMMABLE THERMOSTAT SHALL REMAIN IN FAN "AUTO" MODE.

H. MECHANICAL CONTRACTOR SHALL COORDINATE THROUGH GENERAL CONTRACTOR TO PROVIDE OPENINGS FOR DUCTWORK IN WALLS, NEW AND EXISTING, THAT EXTEND FULL HEIGHT ABOVE LAY-IN CEILINGS.

I. CONTRACTOR SHALL SEAL ALL PIPING AND DUCT PENETRATIONS THROUGH WALLS AND FLOORS AS PER THE RATED UL DESIGNATION'S REQUIREMENTS. REFER TO ARCHITECTURAL PLANS FOR ALL UL RATINGS.

J. PROVIDE ACCESS PANELS PER SPECIFICATIONS TO ACCESS ALL DEVICES REQUIRING MAINTENANCE/ADJUSTMENT WHERE NECESSARY. COORDINATE WITH ARCHITECTURAL FINISH SCHEDULE.

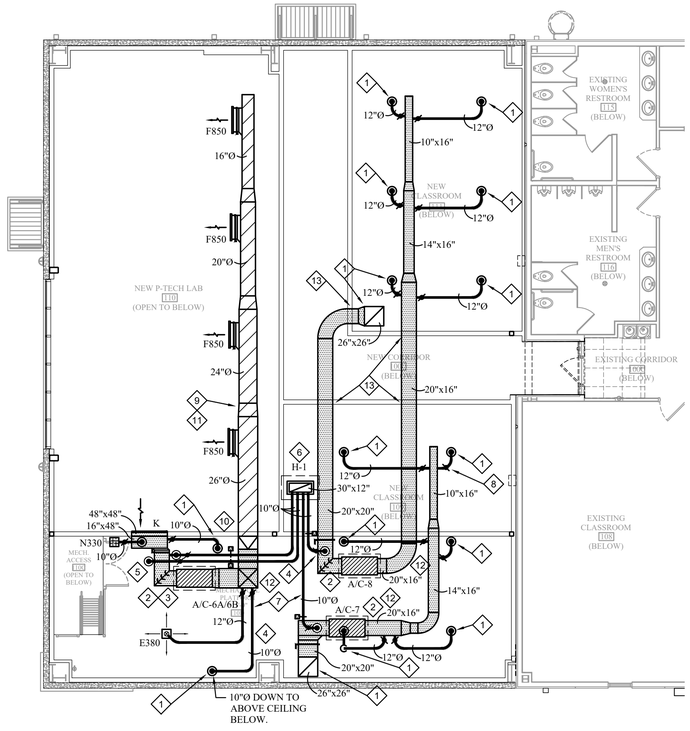
K. ACCESS PANELS THAT ARE INSTALLED IN EXPOSED AREAS SHALL BE FACTORY PRIMED AND FIELD PAINTED. COLOR TO BE SELECTED BY ARCHITECT.

L. CONTRACTOR SHALL CAP AND SEAL ALL DUCTWORK DURING CONSTRUCTION TO PREVENT CONTAMINATION DUE TO CONSTRUCTION DEBRIS.

M. CONTRACTOR SHALL REFER TO ALL ARCHITECTURAL DRAWINGS FOR PHASING.

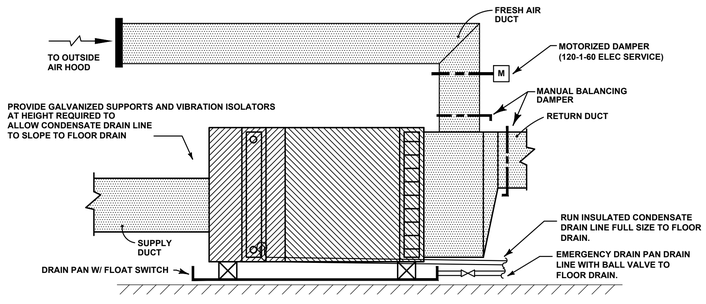
N. ALL DAMPERS, ACCESS PANELS, ETC SHALL BE INSTALLED FOR MAXIMUM ACCESSIBILITY.

O. REVIEW COMPLETE SET OF CONTRACT DOCUMENTS PRIOR TO SUBMITTING BID.



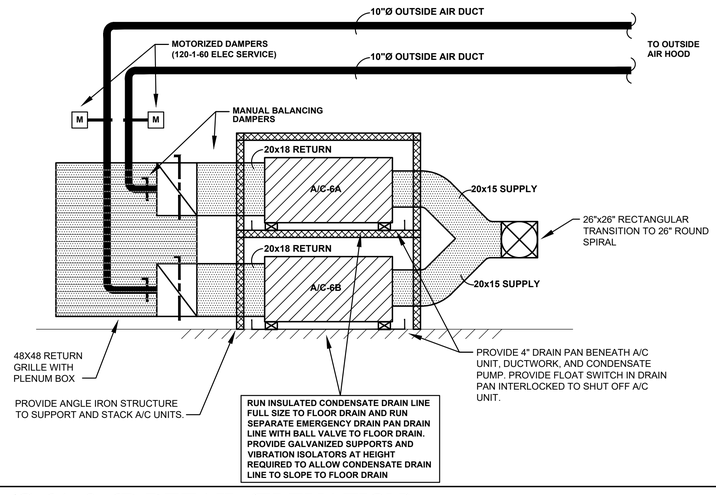
Mechanical Platform - Mechanical Plan

SCALE: 1/8" = 1'-0" (1)



A/C-7 & 8 DETAIL (6A & 6B SIMILAR)

SCALE: N.T.S. (3)



A/C-6A & 6B DETAIL (ELEVATION)

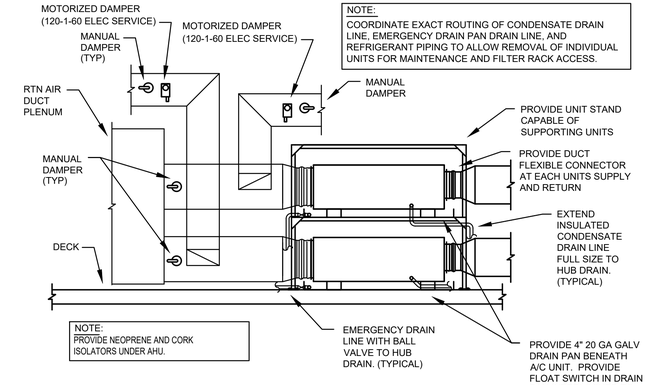
SCALE: N.T.S. (2)

HVAC KEYNOTES:

1. REFER TO SHEET M2.1 FOR CONTINUATION OF DUCTWORK TO DIFFUSERS AND GRILLES BELOW. (TYPICAL)
2. PROVIDE AND INSTALL HORIZONTAL AIR CONDITIONING UNIT ON MECHANICAL MEZZANINE. PROVIDE GALVANIZED STEEL SUPPORTS AND RUBBER ISOLATION PADS BELOW AIR CONDITIONING UNIT IN DRAIN PAN WITH FLOAT SWITCH PER DETAIL 3 THIS SHEET. EXTEND INDIVIDUAL INSULATED CONDENSATE DRAIN LINE WITH INDIRECT CONNECTION TO FLOOR DRAIN PROVIDED BY PLUMBING CONTRACTOR. EXTEND INDIVIDUAL DRAIN PAN DRAIN LINE WITH BALL VALVE TO FLOOR DRAIN. COORDINATE LOCATIONS WITH PLUMBING CONTRACTOR IN FIELD PRIOR TO ROUGH-IN. DO NOT MANIFOLD MULTIPLE A/C UNITS' CONDENSATE OR DRAIN PAN DRAIN LINES. COORDINATE MANUFACTURE RECOMMENDED MAINTENANCE CLEARANCE IN THE FIELD PRIOR TO ROUGH-IN.
3. PROVIDE STAND/RACK TO MOUNT PANTS LEGGED A/C UNITS PER DETAIL 2 THIS SHEET. TRANSITION SUPPLY DUCT TO COMMON SUPPLY AND THEN TO ROUND SPIRAL DUCT.
4. PROVIDE MOTORIZED DAMPER (120-1-60 ELEC. SERVICE) AND MANUAL BALANCING DAMPER IN OUTSIDE AIR DUCT CONNECTED TO RETURN AIR DUCT. MOTORIZED DAMPER SHALL BE INTERLOCKED TO SHUT WHEN NEITHER CONDENSING UNIT COMPRESSOR OR HEATING ELEMENT ARE ACTIVATED. PROVIDE MANUAL BALANCING DAMPER IN R/A DUCT. BALANCE R/A & OUTSIDE AIR AS SCHEDULED.
5. PROVIDE MOTORIZED DAMPER (120-1-60 ELEC. SERVICE) AND MANUAL BALANCING DAMPER IN OUTSIDE AIR DUCT FOR EACH PANTS LEG A/C UNIT CONNECTED TO INDIVIDUAL RETURN DUCTS WITH MANUAL RETURN BALANCING DAMPER IN EACH. REFER TO DETAILS THIS SHEET. PROVIDE CO_2 SENSOR IN COMMON RETURN DUCT FOR PANTS LEG UNITS AND PROVIDE INTERLOCKS AND CONTROL SEQUENCE AS STATED ON SHEET M3.1.
6. PROVIDED NEW INTAKE HOOD WITH INSULATED ROOF CURB ON ROOF. EXTEND OUTSIDE AIR DUCTS AND CONNECT TO INTAKE HOOD ON ROOF WITH PLENUM BOX FULL SIZE. COORDINATE EXACT HOOD LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. GENERAL CONTRACTOR SHALL COORDINATE AND PROVIDE FRAMED OPENING THROUGH ROOF WITH STRUCTURAL SHOP DRAWINGS.
7. RUN OUTSIDE AIR DUCT AND SUPPLY DUCTS ABOVE MECHANICAL PLATFORM AT MAXIMUM HEIGHT WITH HANGERS TO ALLOW WALKING AND SERVICE CLEARANCE TO A/C UNITS. MAINTAIN WALKWAY CLEARANCE PER CODE AND MAINTENANCE REQUIREMENTS. MAINTAIN WALKWAY WIDTH AS REQUIRED TO REMOVE AIR HANDLING UNITS UNDER STRUCTURE OVER MEZZANINE. CAREFULLY ROUTE DRAIN LINES TO AVOID INTERFERING WITH WALKWAY CLEARANCE AND FILTER RACK ACCESS.
8. PROVIDE MANUAL BALANCING DAMPER. BALANCE TO CFM SHOWN. (TYPICAL)
9. PROVIDE 2" DOUBLE WALL INSULATED SPIRAL PIPE WITH PERFORATED LINER AND PAINT GRIP FINISH. INTERIOR DUCT DIMENSIONS SHOWN. SPIRAL DUCT, DIFFUSERS, AND SUPPORTS SHALL BE PAINTED BY PAINTING CONTRACTOR. PAINT COLOR AS DIRECTED BY ARCHITECT. PROVIDE STRAPS WITH THREADED RODS CAPABLE OF SUPPORTING WEIGHT OF DOUBLE WALLED ROUND DUCTWORK EVERY 5' ON CENTER. DOUBLE WALLED DUCT TO BE COORDINATED WITH LIGHTING, STRUCTURE, ETC. PRIOR TO CONSTRUCTION OF DUCTWORK. REFER TO DETAIL 10/M3.2 FOR DIFFUSER INSTALLATION.
10. PROVIDE FINISHING FLANGE AROUND DUCT AT WALL PENETRATION.
11. BOTTOM OF SPIRAL DUCT SHALL BE AT APPROXIMATELY 13'-0" ABOVE FINISHED FLOOR ELEVATION. COORDINATE EXACT HEIGHT OF BOTTOM IN FIELD WITH ARCHITECT PRIOR TO ROUGH-IN.
12. PROVIDE PLASMA IONIZER IN SUPPLY DUCT OF EACH A/C UNIT PRIOR TO THE FIRST TAKEOFF AS SCHEDULED. INSTALL PER MANUFACTURE'S RECOMMENDATIONS.
13. SUPPLY AND RETURN DUCT SHALL RUN ABOVE RATED CORRIDOR TUNNEL. PROVIDE DUCT OFFSETS AS NECESSARY.

DUCTWORK LEGEND

	RECTANGULAR LOW PRESSURE DUCTWORK
	2" DOUBLE WALL INSULATED SPIRAL DUCT WITH PERFORATED LINER AND PAINT GRIP FINISH. (I.D. SHOWN)



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M2.2

ISSUE DATE:
3 / 13 / 2026

AIR HANDLING UNIT SCHEDULE

NO.	SERVICE	FAN MIN. C.F.M.	FAN C.F.M. F.A.	FAN EXT. S.P.	FAN H.P.	FAN ELECTRIC SERVICE	COOLING MIN. B.T.U.H. OUTPUT	COOLING EVAP. TEMP. (°F)	COOLING AMB. TEMP. (°F)	COOLING ENT (°F) DB	COOLING ENT (°F) WB	COOLING LAT (°F) DB	COOLING LAT (°F) WB	HEATING MIN. B.T.U.H. OUTPUT	HEATING K.W. ELEC. STRIP MIN.	HEATING K.W. ELEC. STRIP MAX.	HEATING NO. STAGES	HEATING ENT. AIR (°F)	HEATING LEAV. AIR (°F)	HEATING ELECTRIC SERVICE	MCA	MOCP	REMARKS
A/C-6A	P-TECH LAB	1950	200	0.65	---	208/1/60	60,000	45.0	95.0	75.6	64.9	55.1	54.2	49,200	14.4	--	2	64.4	92.8	208/1/60	95A	100A	TRANE MODEL 5TAM5D07A OR APPROVED EQUAL (1, 2, 3, 4)
A/C-6B	P-TECH LAB	1950	200	0.65	---	208/1/60	60,000	45.0	95.0	75.6	64.9	55.1	54.2	49,200	14.4	--	2	64.4	92.8	208/1/60	95A	100A	TRANE MODEL 5TAM5D07A OR APPROVED EQUAL (1, 2, 3, 4)
A/C-7	CLASSROOM 109	1950	200	0.65	---	208/1/60	60,000	45.0	95.0	75.6	64.9	55.1	54.2	49,200	14.4	--	2	64.4	92.8	208/1/60	95A	100A	TRANE MODEL 5TAM5D07A OR APPROVED EQUAL (1, 2, 3, 4)
A/C-8	CLASSROOM 111	1950	200	0.65	---	208/1/60	60,000	45.0	95.0	75.6	64.9	55.1	54.2	49,200	14.4	--	2	64.4	92.8	208/1/60	95A	100A	TRANE MODEL 5TAM5D07A OR APPROVED EQUAL (1, 2, 3, 4)

(1) A/C UNIT SHALL BE INTERNALLY WIRED AND FUSED FOR ONE MEANS OF DISCONNECT. PROVIDE SINGLE POINT CONNECTION KIT.
(2) PROVIDE SINGLE INTEGRAL MEANS OF OVER CURRENT PROTECTION FOR AIR HANDLER AND HEATER. PROVIDE ACCURATELY SIZED OVER CURRENT PROTECTION DEVICE TO MATCH THE NAMEPLATE RECOMMENDED MAX OVER CURRENT AMPERAGE RATING.
(3) PROVIDE FACTORY INSTALLED R-454B (A2L) REFRIGERANT SENSOR WITH AUTOMATIC SHUTOFF.
(4) PROVIDE TRANE 7-DAY PROGRAMMABLE THERMOSTAT WITH NIGHT SETBACK.
(5) PROVIDE AND INSTALL BIPOLAR IONIZATION PER SCHEDULE THIS SHEET.

SEQUENCE OF CONTROLS FOR A/C-6A & 6B:

PROVIDE ONE 7-DAY PROGRAMMABLE THERMOSTAT FOR BOTH A/C UNITS-6A & 6B WITH TWO STAGES OF COOLING AND 4-STAGES HEATING. WHEN THE THERMOSTAT CALLS FOR COOLING, BOTH "6A" & "6B" SUPPLY FANS SHALL START, BOTH COMPRESSORS FOR A/C "6A" SHALL START, THE MOTORIZED OUTSIDE AIR DAMPER FOR A/C "6A" SHALL OPEN, THE MOTORIZED OUTSIDE AIR DAMPER FOR A/C "6B" SHALL REMAIN SHUT. IF THE TEMPERATURE SETPOINT CANNOT BE MAINTAINED, BOTH COMPRESSORS FOR A/C "6B" SHALL START IN PARALLEL WITH COMPRESSOR FOR A/C "6A", THE MOTORIZED OUTSIDE AIR DAMPER FOR A/C "6B" SHALL OPEN. WHEN TEMPERATURE SETPOINT IS ACHIEVED, THE SYSTEM SHALL CYCLE OFF AND BOTH MOTORIZED OUTSIDE AIR DAMPERS SHALL SHUT.

FOR HEATING MODE THE SAME SEQUENCE SHALL OCCUR WITH THE HEAT STRIPS IN LIEU OF THE COMPRESSORS.

IF RETURN AIR CO2 LEVEL REMAINS BELOW 1000 PPM (ADJUSTABLE), THE MOTORIZED OUTSIDE AIR DAMPER FOR A/C "6B" SHALL BE DISABLED AND SHALL REMAIN IN THE SHUT POSITION.

PROVIDE ANY CONTROLS, WIRING, RELAYS, PROGRAMMING, ETC. AS REQUIRED TO ACHIEVE THE ABOVE SEQUENCE.

AIR PURIFICATION IONIZER SCHEDULE

No	SERVICE	CFM	ELECTRIC SERVICE	REMARKS	NOTES
AP-1	A/C-1	1,950	(3)	PLASMA AIR MODEL 7201 OR APPROVED EQUAL	(1,2)
AP-2	A/C-2	1,950	(3)	PLASMA AIR MODEL 7201 OR APPROVED EQUAL	(1,2)
AP-3	A/C-3	1,950	(3)	PLASMA AIR MODEL 7201 OR APPROVED EQUAL	(1,2)
AP-4	A/C-4	1,950	(3)	PLASMA AIR MODEL 7201 OR APPROVED EQUAL	(1,2)

(1) INTERLOCK IONIZER WITH RESPECTIVE AHU FAN.
(2) MOUNT IONIZER TO SUPPLY DUCTWORK UTILIZING PRE-DRILLED FLANGE AND FACTORY APPLIED GASKETS.
(3) PROVIDE 24V AC INPUT (7XX1). CONNECT TO A/C UNIT CONTROLS CIRCUIT.

AIR COOLED CONDENSING UNIT SCHEDULE

UNIT No	SERVICE	BTUH COOLING OUTPUT	EVAP TEMP	AMBIENT TEMP	ELECTRIC SERVICE	UNIT FLA	MCA	MOCP	S.E.E.R.	REFRIGERANT	REMARKS
CU-6A	A/C-6	60,000	45.0	95.0	208/3/60	16.9	20.9A	35A	14	R-454B	TRANE MODEL 5TTA4060 OR EQUAL APPROVED (1)
CU-6B	A/C-6	60,000	45.0	95.0	208/3/60	16.9	20.9A	35A	14	R-454B	TRANE MODEL 5TTA4060 OR EQUAL APPROVED (1)
CU-7	A/C-7	60,000	45.0	95.0	208/3/60	16.9	20.9A	35A	14	R-454B	TRANE MODEL 5TTA4060 OR EQUAL APPROVED (1)
CU-8	A/C-8	60,000	45.0	95.0	208/3/60	16.9	20.9A	35A	14	R-454B	TRANE MODEL 5TTA4060 OR EQUAL APPROVED (1)

(1) PROVIDE HAIL GUARDS, RUBBER ISOLATOR KIT, AND ANTI-SHORT CYCLE TIMER.
(2) PROVIDE PROGRAMMABLE THREE PHASE VOLTAGE MONITOR WITH 25 FAULT MEMORY (IMC CONTROLS IMC450A OR APPROVED EQUAL) ON ALL EQUIPMENT REQUIRING THREE PHASE ELECTRICAL.

DUCTLESS SPLIT SYSTEM SCHEDULE

UNIT No	SERVICE	CFM	ESP	COOLING TOTAL BTUH	COOLING SENSIBLE BTUH	HEAT PUMP HEATING BTUH	SEER2	HSPF	COP	INDOOR UNIT FLA	INDOOR UNIT OPD	CONDENSER MCA	CONDENSER MOPD	OPTIONS	ELECTRIC SERVICE	REMARKS
A/C-9/CU-9	CORRIDOR 100G/H	335	0.1"	12,144	9,781	13,791	20.3	9.7	2.8	0.14	--	13	22	(1, 2, 3)	208/240/1/60	MITSUBISHI SLZ-AF12NL / SUZ-AA12NL OR APPROVED EQUAL

(1) PROVIDE POWER AND CONTROL WIRING HARNESSES FROM CONDENSING UNIT TO INDOOR UNIT. POWER WIRING SHALL BE PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
(2) PROVIDE MITSUBISHI PAR-42MAAUB DELUXE HARDWIRED REMOTE THERMOSTAT. PROVIDE FACTORY CONDENSATE PUMP.
(3) PROVIDE MITSUBISHI QSWBSS STAINLESS STEEL WALL MOUNTING BRACKET.

FAN SCHEDULE

No.	SERVICE	MIN CFM	EXT. SP	RPM	SONES	FAN HP	TYPE	DRIVE	ELECTRIC SERVICE	CONTROL	REMARKS
EF-3	**RR 130**	**75**	**0.5**	**923**	**2.0**	**37.3W**	**CENT.**	**DIRECT**	**120/1/60**	**(2)**	**COOK MODEL GC OR APPROVED EQUAL (1, 3)**
EF-4	**RR 131**	**75**	**0.5**	**923**	**2.0**	**37.3W**	**CENT.**	**DIRECT**	**120/1/60**	**(2)**	**COOK MODEL GC OR APPROVED EQUAL (1, 3)**

(1) PROVIDE BACKDRAFT DAMPER AND S.S.S.C. IN FAN HOUSING FOR AIR BALANCING
(2) FAN SHALL BE CONTROLLED BY CEILING MOUNTED OCCUPANCY SENSOR WITH 5 MINUTE TIMER SETTING INDEPENDENT OF THE LIGHTING CIRCUIT. MECHANICAL CONTRACTOR SHALL PROVIDE OCCUPANCY SENSOR, INSTALLED BY ELECTRICAL CONTRACTOR (COORDINATE WITH ELECTRICAL CONTRACTOR). OCCUPANCY SENSOR SHALL BE INSTALLED IN AN UNOBSTRUCTED LOCATION. CONTROLS SHALL ALSO DISABLE FANS IN UNOCCUPIED MODE.
(3) FAN SHALL HAVE W.B.E. GRILLE AND MOUNTING BRACKETS.

HOOD SCHEDULE

No	SERVICE	CFM	THROAT SIZE	S.P. DROP	REMARKS
H-1	OUTSIDE AIR	150	30"X12"	0.02"	COOK MODEL 12x30-GI WITH COOK RCG SLOPED GALVANIZED STEEL INSULATED ROOF CURB OR APPROVED EQUAL (1)

(1) PROVIDE INSULATED ROOF CURB AND BIRD SCREEN. TRANSITION DUCT TO HOOD INLET SIZE.
COORDINATE ROOF CURB MATERIAL AND 1:12 SLOPE WITH ROOFING CONTRACTOR. PROVIDE MINIMUM 12" ON THE HIGH SIDE OF THE CURB.
COORDINATE HOOD AND ROOF CURB COLOR WITH ARCHITECT TO MATCH ROOF COLOR.

GRILLE SCHEDULE

SYMBOL	SIZE	SERVICE	LOCATION	FINISHED	REMARKS
A	6"X6"	SUPPLY	CEILING	WBE	TITUS TDC-AA FRAME 6 OR APPROVED EQUAL (3,6)
B	24"X24" / 8"Ø	SUPPLY	CEILING	WBE	TITUS TMS-3 OR APPROVED EQUAL (1)
C	24"X24" / 10"Ø	SUPPLY	CEILING	WBE	TITUS TMS-3 OR APPROVED EQUAL (1)
D	24"X24" / 12"Ø	SUPPLY	CEILING	WBE	TITUS TMS-3 OR APPROVED EQUAL (1)
E	12"X12"	SUPPLY	CEILING	WBE	TITUS TDC-AA FRAME 6 OR APPROVED EQUAL (3,6)
F	30"X12"	SUPPLY	DUCT	PRIME	TITUS 300FS WITH OBD OR APPROVED EQUAL (4)
G	24"X12"	RETURN	CEILING	WBE	TITUS 50FF-3 WITH REMOVABLE CORE OR APPROVED EQUAL (5)
J	24"X24"	RETURN	CEILING	WBE	TITUS 50FF-3 WITH REMOVABLE CORE OR APPROVED EQUAL (5)
K	48"X48"	RETURN	SIDEWALL	PRIME	TITUS 63FL OR APPROVED EQUAL (HEAVY DUTY ALUMINUM) (4)
L	12"W X 18"H	EXHAUST	LOUVER	KYNAR	RUSKIN EME520MD OR APPROVED EQUAL (2)
N	12"X12"	RETURN	DUCT	WBE	TITUS 50F-1 WITH REMOVABLE CORE OR APPROVED EQUAL (5)
X	---	---	---	---	EXISTING DIFFUSER OR GRILLE TO REMAIN. BALANCE TO CFM SHOWN.

(1) PROVIDE INSULATION ON TOP OF DIFFUSER TAPED AT PERIMETER
(2) PROVIDE 70% KYNAR (POLYVINYLIDENE FLUORIDE RESIN) FINISH. COORDINATE COLOR WITH ARCHITECT DURING SHOP DRAWING PHASE.
(3) PROVIDE INSULATED SQUARE TO ROUND ADAPTER.
(4) GRILLES TO BE PAINTED IN FIELD BY PAINTING CONTRACTOR WITH COLOR AS DIRECTED BY ARCHITECT.
(5) FILTER SHALL BE LOCATED AT AHU. DO NOT PROVIDE FILTER AT GRILLE.
(6) COORDINATE DIFFUSER THROW PATTERN WITH THAT SHOWN ON SHEETS M2.1 AND M2.2.

HVAC LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
C	CONDENSATE DRAIN LINE		SUPPLY DIFFUSER
ED	EMERGENCY DRAIN PAN DRAIN LINE		RETURN/EXHAUST GRILLE
AFF	ABOVE FINISHED FLOOR		SIDEWALL GRILLE/REGISTER
AFG	ABOVE FINISHED GRADE		DUCT RISE, DROP OR OFFSET
CO2	CO2 SENSOR		MANUAL BALANCING DAMPER (RECT DUCT)
	UNION		MANUAL BALANCING DAMPER (ROUND DUCT)
	BALL VALVE OR BUTTERFLY VALVE	M	MOTORIZED DAMPER (120-1-60 ELEC.)
	PIPE RISE, DROP, OR OFFSET	T	THERMOSTAT
FD W/ AP	FIRE DAMPER WITH ACCESS PANEL	H	HUMIDISTAT

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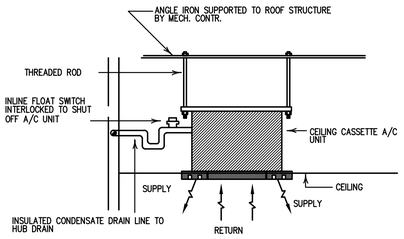
C.E.H. PROJECT NUMBER
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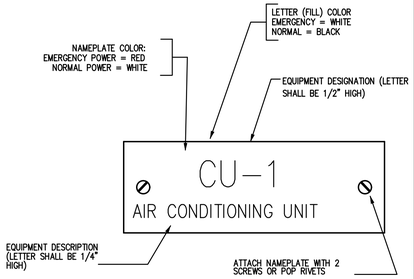
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M3.1

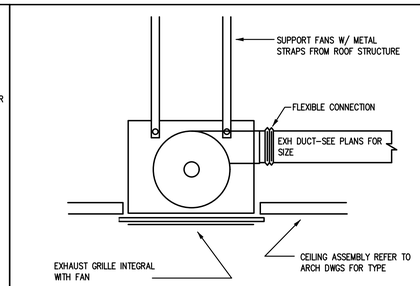
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3 / 13 / 2026



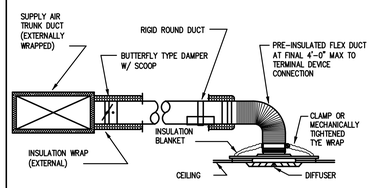
1 CEILING CASSETTE A/C DIAGRAM
NO SCALE



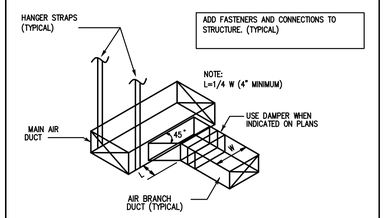
2 PLASTIC LAMINATE NAME PLATE DETAIL
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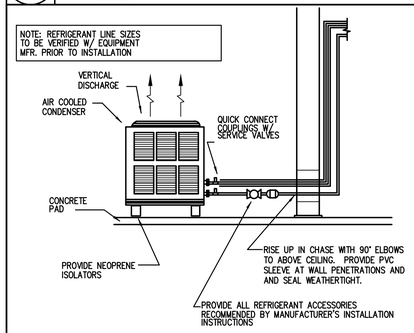
3 CEILING MOUNTED EXHAUST FAN DETAIL
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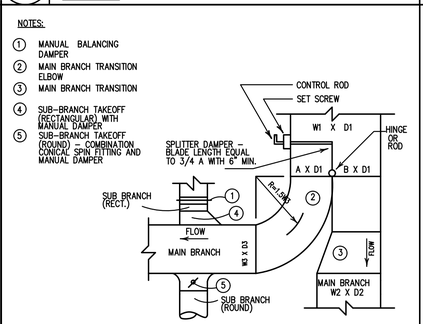
4 DIFFUSER/DUCT INSTALL DETAIL
NO SCALE



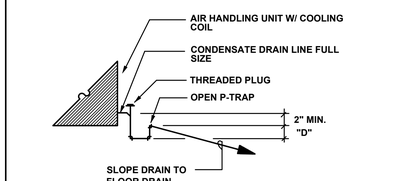
5 AIR DUCT CONNECTION DETAIL
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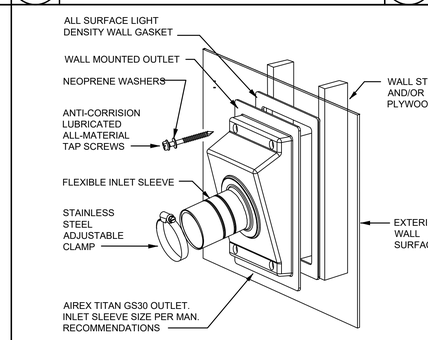
6 CONDENSING UNIT DETAIL
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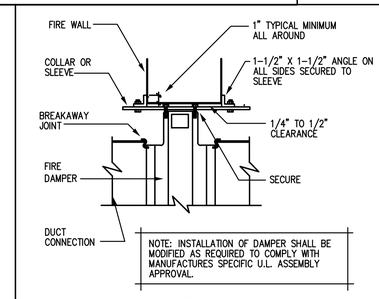
7 DAMPER DETAIL
NO SCALE



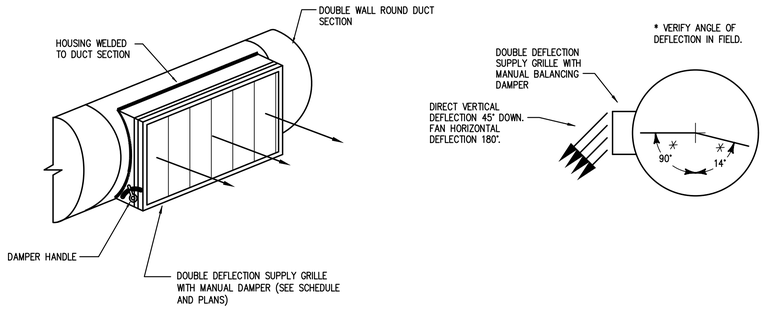
8 AIR HANDLING UNIT DRAIN PIPING DIAGRAM
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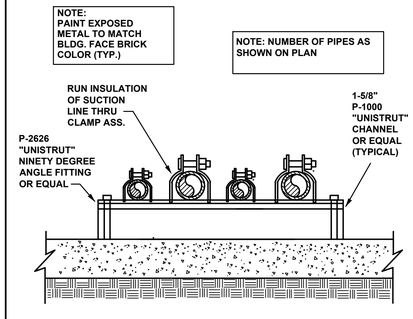
9 REFRIGERANT PIPE WALL PENETRATION DETAIL
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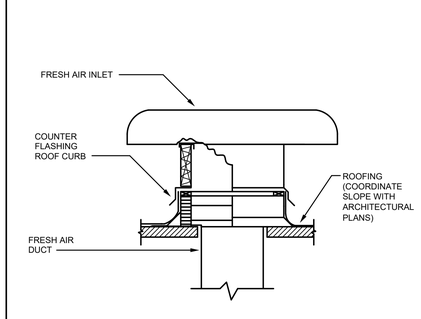
13 FIRE DAMPER INSTALLATION DETAIL
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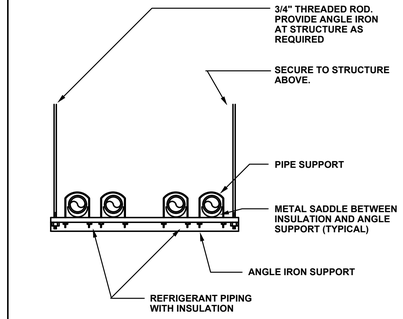
10 ROUND DUCT SIDEWALL REGISTER DETAIL
NO SCALE



11 REFRIGERANT PIPE SUPPORT DETAIL
NO SCALE



12 ROOF MOUNTED FRESH AIR INLET DETAIL
NO SCALE



14 PIPE SUPPORT DETAIL
NO SCALE

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M3.2

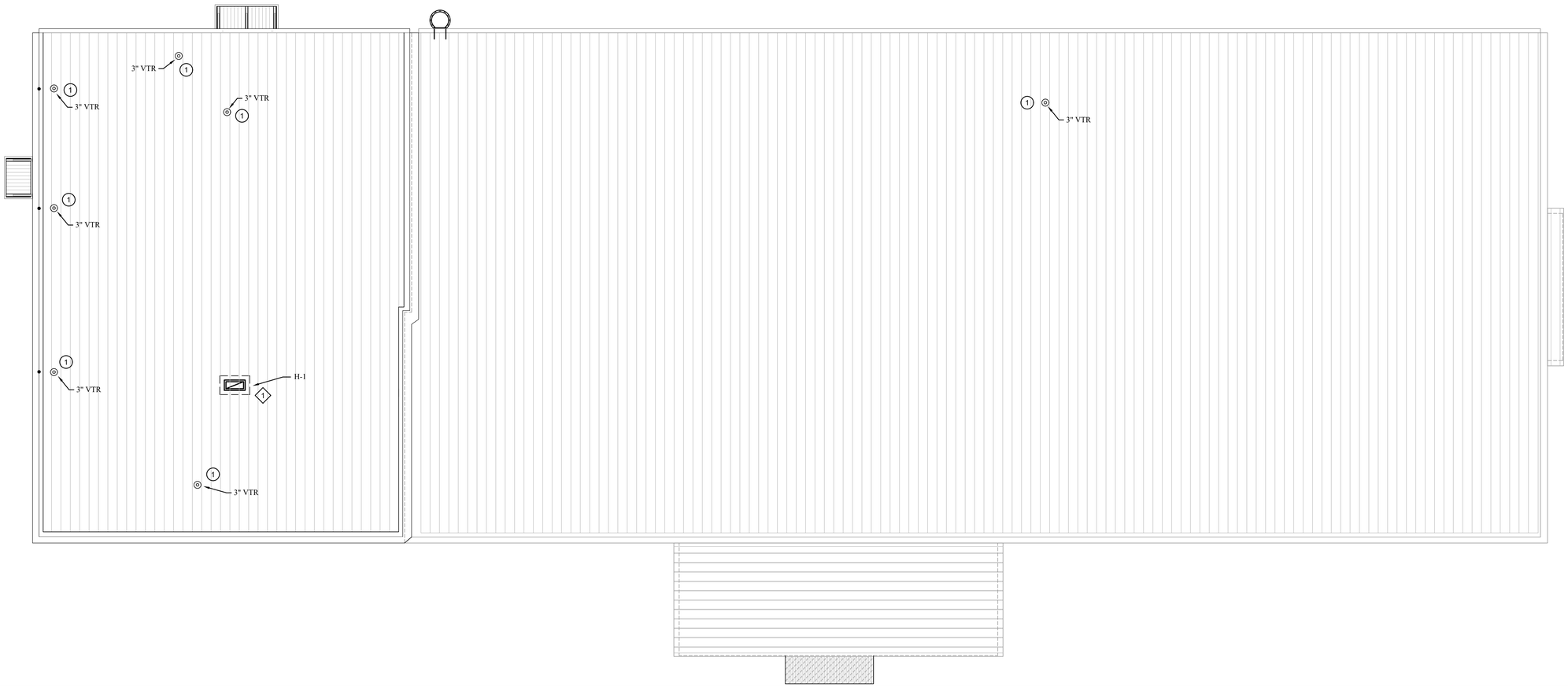
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MECHANICAL KEYNOTES:

1. PROVIDE AND INSTALL NEW OUTSIDE AIR INTAKE HOOD WITH INSULATED ROOF CURB ON ROOF. COORDINATE EXACT LOCATION IN FIELD WITH ARCHITECT PRIOR TO ROUGH-IN. COORDINATE ROOF CURB MATERIAL, SLOPE, FLASHING, AND FRAMING WITH ROOFING CONTRACTOR. COORDINATE FRAMING FOR CURB WITH STRUCTURAL CONTRACTOR. HOOD AND CURB COLOR SHALL MATCH ROOF COLOR. PROVIDE HURRICANE CABLES TO SECURE HOOD AND CURB TO ROOF TO COMPLY WITH 140 MPH WIND RATING.

PLUMBING KEYNOTES:

1. PROVIDE AND INSTALL NEW SEWER VENT THROUGH ROOF WITH NEW BOOT COMPATIBLE WITH NEW AND EXISTING ROOF WARRANTIES. COORDINATE EXACT LOCATIONS AND FLASING IN FIELD WITH ARCHITECT PRIOR TO ROUGH-IN.



Mechanical & Plumbing Roof Plan

SCALE: 1/8" = 1'-0"

1

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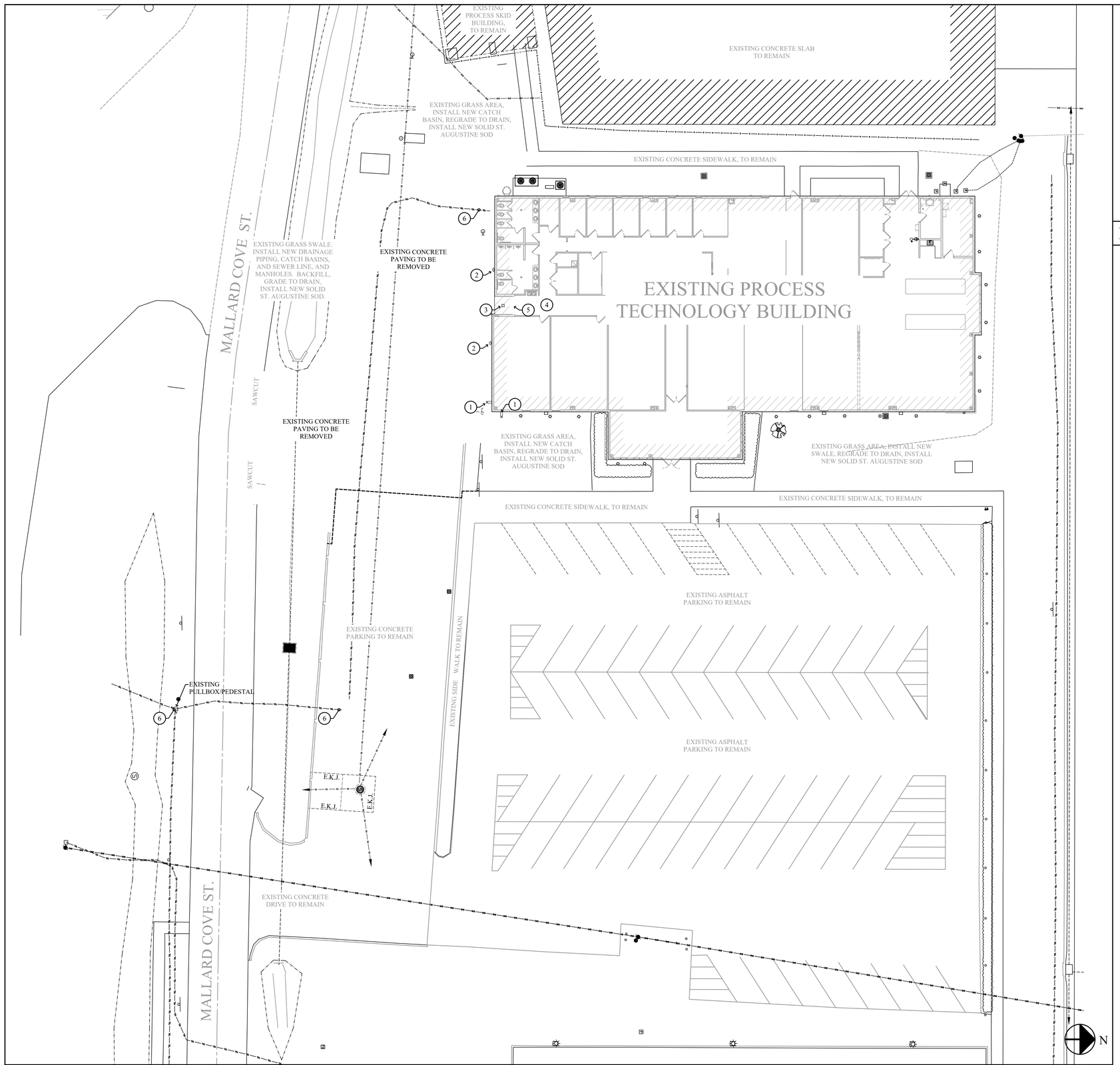
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MP2.1

ISSUE DATE:
3 / 13 / 2026



Electrical Site Plan

SCALE: 1/16" = 1'-0"

1

1. EXISTING CAMERA TO BE DISCONNECTED AND RELOCATED TO NEW LOCATION INDICATED.
2. EXISTING LIGHT FIXTURE SHALL BE DISCONNECTED AND RELOCATED TO NEW LOCATION INDICATED.
3. EXISTING EXTERIOR DOWNLIGHT TO BE DISCONNECTED AND REMOVED. REMOVE CIRCUITRY BACK TO NEAREST JUNCTION BOX AND EXTEND TO NEW EXTERIOR FIXTURE. REFER TO SHEET E2.1 KEYNOTE #9.
4. REFER TO SHEET E4.1 FOR DEMOLITION GENERAL NOTES. NOTES SHALL APPLY TO ALL DEMOLITION WORK NECESSARY FOR BASE BID AND ALTERNATES #1 AND #2.
5. CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING ACCESS CONTROL AT SOUTH DOOR. BRING ALL CABLING BACK TO SUPPLY SOURCE. STORE DEVICES FOR REUSE. REFER TO SHEET E3.1 KEYNOTE #13 FOR RELOCATION.
6. CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING FIBER LINE BACK TO PULL BOX/PEDESTAL INDICATED. COORDINATE WITH OWNER FOR WEEKEND REMOVAL PRIOR TO DEMO TO AVOID INTERRUPTION OF SOWELA CLASS OPERATIONS. REFER TO SHEET E1.1 FOR NEW WORK.

Electrical Keynotes

2

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ADG# 25155

PROCESS TECHNOLOGY BUILDING EXPANSION
for Sowela Technical Community College
3500 Senator J. Bennett Ave. | Lake Charles, LA 70615

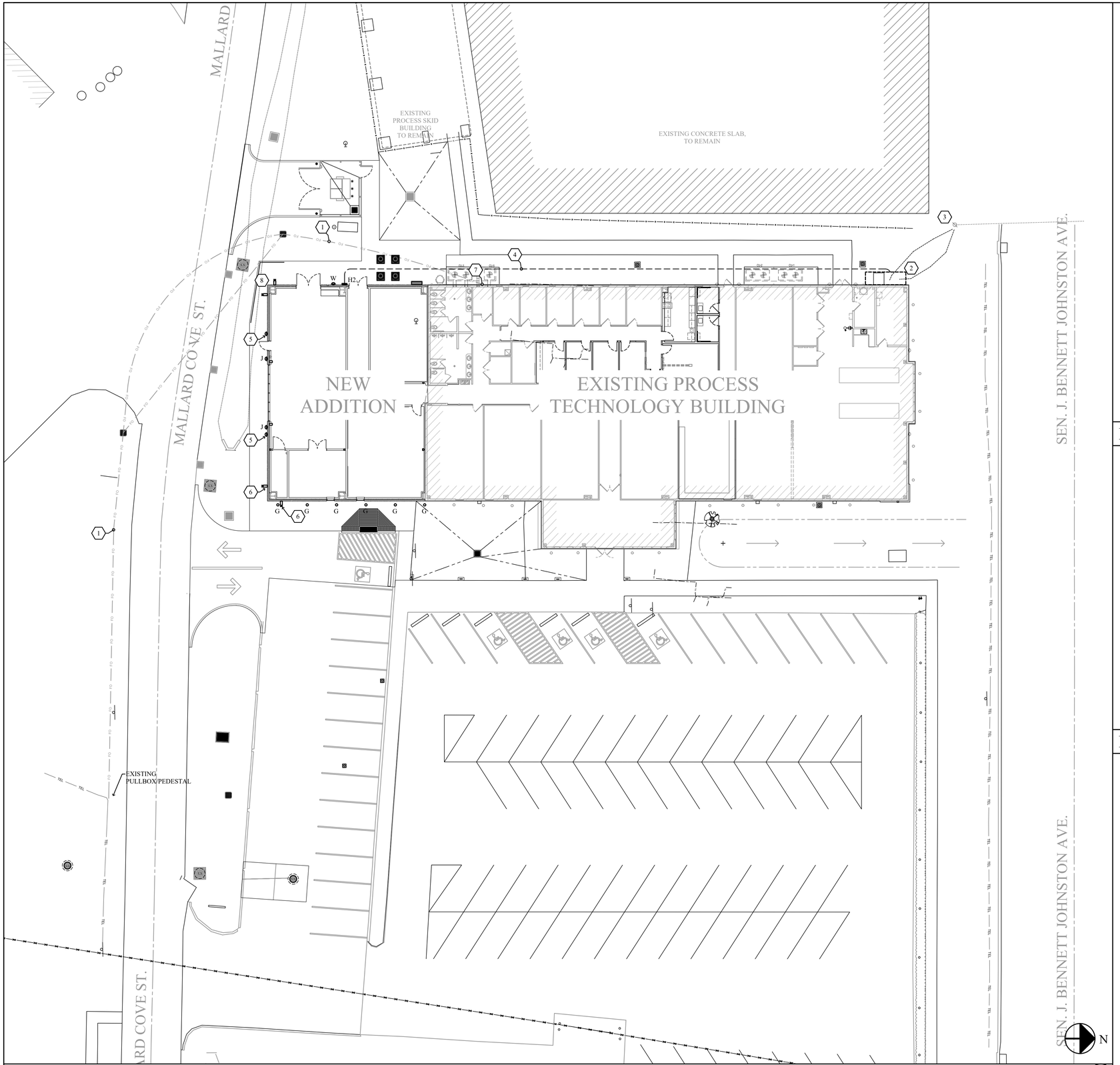
C.E.H. PROJECT NUMBER
2506

STATE OF LOUISIANA
DAVID B. STELLY
License No. 26070
03/19/2026
PROFESSIONAL ENGINEER

CHAMPEAUX EVANS HOTARD, APAC
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E1.0

ISSUE DATE:
3 / 13 / 2026



Electrical Site Plan

SCALE: 1/16" = 1'-0"

1

A. CONTRACTOR SHALL REFER TO ALL OTHER PORTIONS OF THE CONTRACT DOCUMENTS (PLANS, SPECIFICATIONS, ADDENDA, ARCHITECTURAL SUPPLEMENTAL INSTRUCTIONS AND ANY APPROVED CHANGE ORDERS) AND PROVIDE ALL LIGHT FIXTURES, OUTLETS, TELE/DATA OUTLETS, SPEAKERS, AND ASSOCIATED CIRCUITRY AS IF ORIGINALLY INCLUDED ON THE ELECTRICAL PLANS. IF THERE ARE ANY DISCREPANCIES, CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER IN WRITING PRIOR TO ORDERING EQUIPMENT, ROUGH-IN FOR EQUIPMENT AND/OR INSTALLATION OF EQUIPMENT. PRIOR TO ROUGH-IN OF EQUIPMENT, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING COPIES OF APPROVED SHOP DRAWINGS OF SUCH EQUIPMENT AND REVIEWING SAID SUBMITTALS TO ENSURE COMPATIBILITY WITH THE ELECTRICAL SYSTEM. CONTRACTOR SHALL IMMEDIATELY NOTIFY ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THE REQUIRED ROUGH-IN REQUIREMENTS AND THE ELECTRICAL SYSTEM.

B. VERIFY EXACT MOUNTING HEIGHT OF ALL WALL MOUNTED FIXTURES WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN UNLESS SPECIFICALLY NOTED OTHERWISE.

C. SHOULD IT BE NECESSARY TO RUN ANY ELECTRICAL SERVICES, CONDUITS, ETC. THROUGH THE BUILDING'S FOOTINGS CONTRACTOR SHALL REFER TO THE STRUCTURAL DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS. WHERE ELECTRICAL SERVICES ARE RUN PARALLEL TO FOOTINGS, ALSO REFER TO STRUCTURAL DRAWINGS FOR THE MINIMUM CLEAR DISTANCE TO MAINTAIN BETWEEN FOOTING AND CONDUIT.

D. CONTRACTOR SHALL PROPERLY SEAL PENETRATIONS TO RATED ASSEMBLIES AND ALL EXTERIOR WALLS TO PROPERLY MAINTAIN RATING & ASSEMBLIES AND BUILDING ENVELOPE.

E. ALL 20 AMP 125 VOLT DUPLEX RECEPTACLES INSTALLED OUTDOORS SHOULD HAVE GFCI PROTECTION AND SHALL RECEIVE WEATHER PROOF WHILE IN USE COVER, AS SPECIFIED.

F. AS A MINIMUM ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE.

G. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

H. COORDINATE EXACT LOCATION OF ALL OUTLETS WITH ARCHITECT/OWNER PRIOR TO ROUGH IN. CONTRACTOR SHALL MAKE ALL ELECTRICAL CONNECTIONS TO ALL OWNER FURNISHED EQUIPMENT.

I. CONTRACTOR SHALL VISIT THE SITE AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING ANY WORK TO BE DONE.

J. CIRCUITS SHALL HAVE DEDICATED NEUTRALS. NEUTRALS SHALL NOT BE SHARED.

K. VERIFY REQUIREMENTS FOR ALL OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN.

L. EXTERIOR LIGHTING CONTROLLED VIA PHOTOCELL AND TIME CLOCK COMBINATION.

M. REFER TO FIRE ALARM/FIRE PROTECTION PLAN FOR LOCATIONS OF PIV VALVES, FLOWS, AND TAMPERS.

Electrical General Notes

2

1. CONTRACTOR SHALL INSTALL NEW 4" CONDUIT FROM EXISTING TELE/DATA PEDESTAL TO LOCATION INDICATED FOR NEW FIBER LINE TO EXISTING DATA CLOSET. COORDINATE WITH LOCAL ISP AND OWNER FOR ADDITIONAL REQUIREMENTS PRIOR TO ROUGH-IN. INCLUDE PULL BOXES AS NEEDED. CONTRACTOR SHALL COORDINATE WITH SEWER AND STORM DRAINAGE WORK WITH FIBER ROUTING PRIOR TO ROUGH-INS.
2. EXISTING ELECTRICAL GEAR TO REMAIN. REFER TO ELECTRICAL RISER.
3. EXISTING ELECTRICAL SERVICE POLE AND TRANSFORMERS.
4. REFER TO ELECTRICAL RISER. CONDUIT SHALL BE INSTALLED VIA DIRECTIONAL BORE.
5. RELOCATED WALL PACK. EXTEND AND RE-TERMINATE EXISTING POWER AND CONTROL CIRCUITRY TO NEW FIXTURE LOCATION. MOUNTING HEIGHT SHALL MATCH PREVIOUS. VERIFY HEIGHT WITH ARCHITECT PRIOR TO ROUGH-IN.
6. RELOCATED CAMERA. CONTRACTOR SHALL RE-RUN CABLING TO NEW LOCATION. MOUNTING HEIGHT SHALL MATCH PREVIOUS. VERIFY HEIGHT WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.
7. CONDUIT FOR FIBER SHALL TRANSITION UNDERGROUND TO ABOVE GRADE SURFACE MOUNTED TO EXTERIOR WALL AND PENETRATE INTO BUILDING ABOVE CEILING.
8. NEW CAMERA. CONTRACTOR SHALL RUN CABLING TO NEW LOCATION. MOUNTING HEIGHT SHALL MATCH EXISTING CAMERAS. VERIFY HEIGHT WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.

Electrical Keynotes

4

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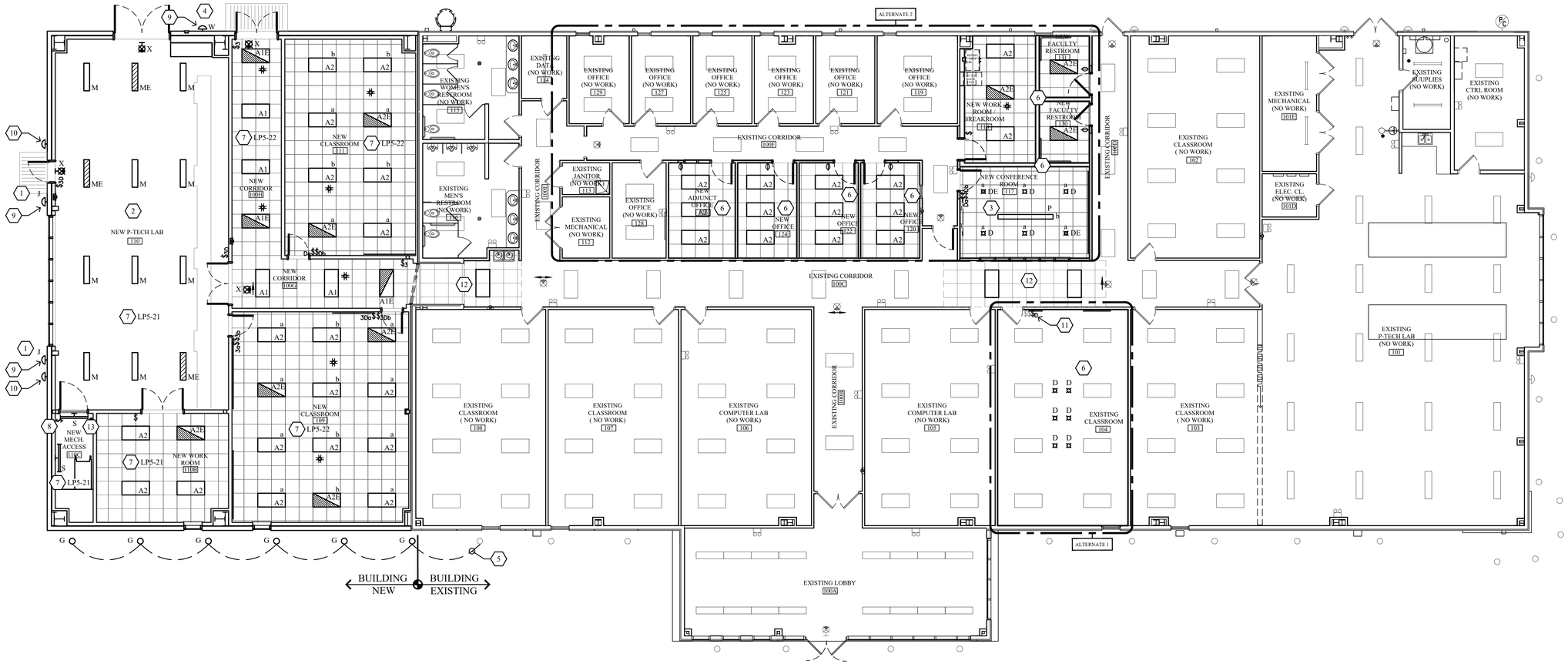
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E1.1

ISSUE DATE:
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Lighting Plan

SCALE: 1/16" = 1'-0" (1)

A. CONTRACTOR SHALL REFER TO ALL OTHER PORTIONS OF THE CONTRACT DOCUMENTS (PLANS, SPECIFICATIONS, ADDENDA, ARCHITECTURAL SUPPLEMENTAL INSTRUCTIONS AND ANY APPROVED CHANGE ORDERS) AND PROVIDE ALL LIGHT FIXTURES, OUTLETS, TELE/DATA OUTLETS, SPEAKERS, AND ASSOCIATED CIRCUITRY AS IF ORIGINALLY INCLUDED ON THE ELECTRICAL PLANS. IF THERE ARE ANY DISCREPANCIES, CONTRACTOR SHALL NOTIFY ARCHITECT/ENGINEER IN WRITING PRIOR TO ORDERING EQUIPMENT, ROUGH-IN FOR EQUIPMENT AND/OR INSTALLATION OF EQUIPMENT. PRIOR TO ROUGH-IN OF EQUIPMENT, CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING COPIES OF APPROVED SHOP DRAWINGS OF SUCH EQUIPMENT AND REVIEWING SAID SUBMITTALS TO ENSURE COMPATIBILITY WITH THE ELECTRICAL SYSTEM. CONTRACTOR SHALL IMMEDIATELY NOTIFY ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES BETWEEN THE REQUIRED ROUGH-IN REQUIREMENTS AND THE ELECTRICAL SYSTEM.

B. VERIFY EXACT MOUNTING HEIGHT OF ALL WALL MOUNTED FIXTURES WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.

C. REFER TO ARCHITECTURAL REFLECTED CEILING FOR ALL CEILING MOUNTED DEVICES.

D. CONTRACTOR SHALL PROPERLY SEAL PENETRATIONS TO RATED ASSEMBLIES AND ALL EXTERIOR WALLS TO PROPERLY MAINTAIN RATING & ASSEMBLIES AND BUILDING ENVELOPE.

E. CIRCUITS SHALL HAVE DEDICATED NEUTRALS. NEUTRALS SHALL NOT BE SHARED.

F. AS A MINIMUM ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE.

G. REFER TO ELECTRICAL DIVISION SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

H. VERIFY REQUIREMENTS FOR ALL OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH-IN.

I. ALL EXIT SIGNS SHALL BE 'UNSWITCHED'.

J. EXTERIOR LIGHTING CONTROLLED VIA PHOTOCELL.

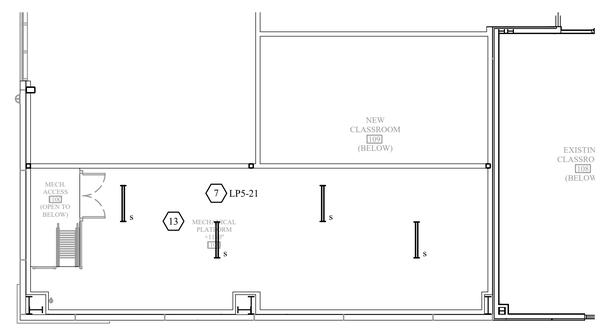
K. SUBSCRIPTS AT LIGHT FIXTURE DESIGNATIONS DENOTE SWITCHING SCHEME.

L. CONTRACTOR SHALL COMPLY WITH ALL REQUIREMENTS OF THE INTERNATIONAL ENERGY CODE (IECC) 2021 RESIDENTIAL AND COMMERCIAL BUILDING ENERGY CODE FOR LIGHTING AND CONTROLS.

Lighting General Notes (3)

1. FIXTURE 'J' SHALL BE MOUNTED 6' AFF TO BOTTOM OF FIXTURE. VERIFY FINAL MOUNTING HEIGHT WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.
2. FIXTURE 'M' SHALL BE MOUNTED 11' AFF TO BOTTOM OF FIXTURE. VERIFY FINAL MOUNTING HEIGHT WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.
3. FIXTURE 'P' SHALL BE MOUNTED 8 AFF TO BOTTOM OF FIXTURE. VERIFY FINAL MOUNTING HEIGHT WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.
4. FIXTURE 'W' SHALL BE MOUNTED 9' AFF TO BOTTOM OF FIXTURE. VERIFY FINAL MOUNTING HEIGHT WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.
5. CONTRACTOR SHALL EXTEND EXISTING GROUND LIGHT CIRCUIT TO NEW GROUND LIGHTS INDICATED.
6. CONTRACTOR SHALL CONNECT NEW LIGHTING TO EXISTING LIGHTING CIRCUIT SERVING THIS SPACE.
7. LIGHTING IN THIS SPACE SHALL BE CONNECTED TO CIRCUIT INDICATED.
8. LIGHTING SWITCH SHALL CONTROL LIGHTING IN MECHANICAL PLATFORM AND MECH ACCESS ROOM.
9. NEW EXTERIOR FIXTURES SHALL BE CONNECTED TO EXISTING EXTERIOR LIGHTING CIRCUIT. EXTEND CIRCUITRY AND CONDUIT AS NEEDED.
10. RELOCATED EXISTING FIXTURE. CONNECT TO EXISTING LIGHTING CIRCUIT. EXTENDED CIRCUITRY AND CONDUIT AS NEEDED.
11. CONTRACTOR SHALL INSTALL NEW LIGHTING SWITCH TO CONTROL NEW DOWNLIGHTING.
12. CONTRACTOR SHALL DISCONNECT AND RECONNECT LIGHT FIXTURE AND CEILING MOUNTED ELECTRICAL DEVICES IN THIS AREA FOR NEW CEILING WORK.
13. FIXTURE 'S' SHALL BE MOUNTED 8' AFF TO BOTTOM OF FIXTURE. VERIFY FINAL MOUNTING HEIGHT WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.

Lighting Keynotes (4)



Lighting Plan - Mechanical Platform

SCALE: 1/16" = 1'-0" (2)

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E2.1

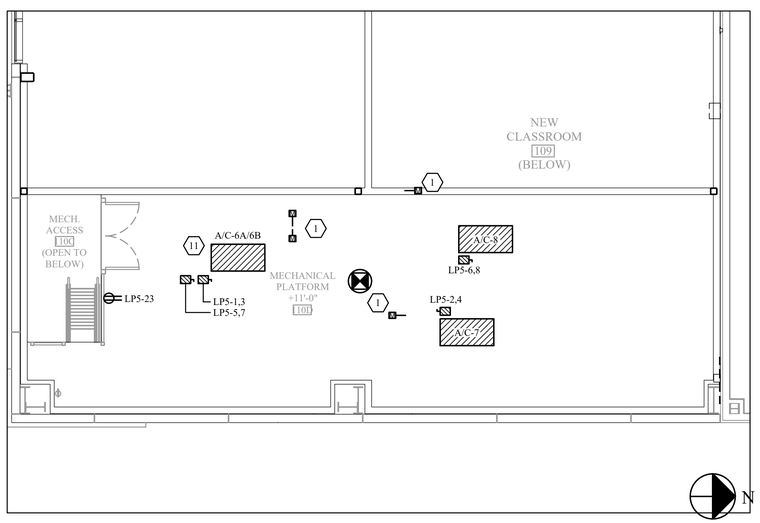
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Power & Special Systems Plan

SCALE: 1/8" = 1'-0"

1



Power & Special Systems Plan - Mechanical Platform

SCALE: 3/16" = 1'-0"

2

1. MOTORIZED DAMPER. CONNECT TO NEAREST UNSWITCHED 120V CIRCUIT AVAILABLE.
2. CONTRACTOR SHALL PROVIDE ALL CONTROL POWER/WIRING RACEWAY BETWEEN A/C AND CU AS REQUIRED BY MINI-SPLIT MANUFACTURER. INDOOR UNIT IS POWERED BY OUTDOOR UNIT.
3. CONNECT NEW RECEPTACLE TO EXISTING CIRCUIT.
4. ALTERNATE #1: CONTRACTOR SHALL PROVIDE AND INSTALL 2" CONDUIT FOR FIBER OPTIC LINE. CONTRACTOR SHALL PROVIDE MULTIMODE OM3 FIBER, TERMINATE AND TEST CABLE.
5. ALTERNATE #1: COORDINATE FINAL MOUNTING HEIGHT AND LOCATION WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.
6. ALTERNATE #1: CONTRACTOR SHALL DISCONNECT AND RELOCATE EXISTING CEILING MOUNTED DEVICES TO AVOID CONFLICT WITH NEW DOWNLIGHTING. REFER TO SHEET E2.1 FOR LIGHTING LAYOUT.
7. ALTERNATE #1: CONTRACTOR SHALL PROVIDE AND INSTALL BACK BOX (HUBBELL HBL260 OR EQUIVALENT) WITH COMPATIBLE MUD RING PLATE. INCLUDE CABLE PASSTHRU BRUSHED FACEPLATE.
8. ALTERNATE #2: CONTRACTOR SHALL RUN 1" CONDUIT IN SLAB FROM FLOOR BOX TO WALL FOR TV MONITOR HDMI AND DATA CABLING AND 3/4" CONDUIT FOR POWER. CONTRACTOR SHALL PROVIDE AND INSTALL FURNITURE FEED FROM FLOOR BOX TO TABLE TOP.
9. ALTERNATE #2: CONTRACTOR SHALL CONENCT EXHAUST FAN TO LIGHITNG CIRCUIT SERVING THIS SPACE. REFER TO MECHANICAL FOR CONTROLS TO BE INSTALLED BY ELECTRICAL CONTRACTOR.
10. CONTRACTOR SHALL INSTALL INSTRUCTOR A/V INPUT BACK BOX AT APPROXIMATE LOCATION INDICATED. VERIFY FINAL PLACEMENT AND HEIGHT WITH ARCHITECT/OWNER PRIOR TO ROUGH-IN.
11. CONTRACTOR SHALL INTEGRATE SUPPLY AND RETURN DUCT DETECTORS INTO BUILDING FIRE ALARM SYSTEM FOR AHU-6A/6B.
12. CONTRACTOR SHALL INSTALL 240Vx480V 120/240V SINGLE-PHASE 25kVA TRANSFORMER (SCHNEIDER 25S3HNV OR APPROVED EQUIVALENT) AT LOCATION INDICATED.
13. ALTERNATE #1: CONTRACTOR SHALL PROVIDE NEW ENCLOSED WALL MOUNTED RACK AT LOCATION INDICATED. RACK SHALL BE MOUNTED TIGHT TO ROOM CEILING. CONTRACTOR SHALL PROVIDE PATCH PANEL(S), CAT CABLING, TERMINATIONS AND CABLE TESTING.

Electrical Keynotes

3

14. CONTRACTOR TO PROVIDE CORD REEL (HUBBELL WCA10340-BC OR APPROVED EQUIVALENT).
15. ELECTRIC STRIKE ROUGH-IN SHALL CONSIST OF 1" CONDUIT EMT RUN WITHIN DOOR FRAME FROM LATCHING MECHANISM AND STUBBED UP TO CEILING STRUCTURE. RELOCATE KEY PAD/CARD READER STATION AND ROUGH-IN SHALL CONSIST OF SINGLE GANG BACKBOX (COORDINATE HEIGHT/LOCATION WITH OWNER/ARCHITECT) WITH 1" CONDUIT EMT STUBBED UP TO CEILING STRUCTURE. PROVIDE CABLING AND RUN BACK TO ACCESS CONTROL PANEL VIA 1" CONDUIT. ANY WALL PENETRATIONS SHALL BE SEALED.

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B. COORDINATE INSTALLATION OF ALL CEILING MOUNTED DEVICES WITH ARCHITECT PRIOR TO ROUGH-IN.

C. COORDINATE EXACT PLACEMENT FOR ALL DEVICES WHERE MILLWORK IS PRESENT PRIOR TO ROUGH-IN. DO NOT ROUGH-IN BEHIND CABINETS, DRAWERS, ETC RENDERING DEVICE UNUSABLE.

D. CONTRACTOR SHALL PROPERLY SEAL PENETRATIONS TO RATED ASSEMBLIES AND ALL EXTERIOR WALLS TO PROPERLY MAINTAIN RATING & ASSEMBLIES AND BUILDING ENVELOPE.

E. CONTRACTOR SHALL VISIT THE SITE AND FIELD VERIFY EXISTING CONDITIONS PRIOR TO BIDDING ANY WORK TO BE DONE.

F. AS A MINIMUM ALL ELECTRICAL WORK SHALL COMPLY WITH THE 2020 EDITION OF THE NATIONAL ELECTRICAL CODE.

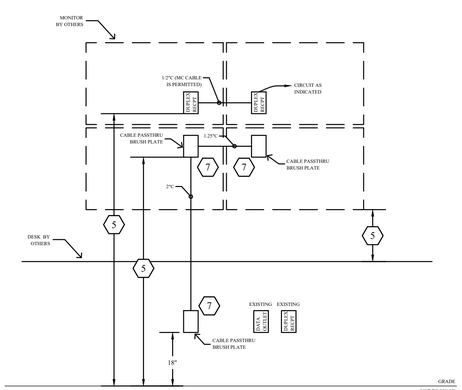
G. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

H. RECEPTACLES WITHIN 6' OF A SINK OR LAVATORY SHALL HAVE GFCI PROTECTION.

I. ALL NEW 120V 15A & 20 RECEPTACLES SHALL BE TAMPER-RESISTANT AS REQUIRED BY NEC FOR EDUCATION FACILITIES.

General Notes

4



Control Room Backbox Detail - Alt #1

5

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ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	LIGHTING FIXTURE – SEE FIXTURE SCHEDULE
	LIGHTING FIXTURE – SEE FIXTURE SCHEDULE
	EXIT SIGN FIXTURE – SEE FIXTURE SCHEDULE
$	SINGLE POLE TOGGLE SWITCH
$a	SUBSCRIPT DENOTES FIXTURE BEING CONTROLLED
$3	THREE–WAY TOGGLE SWITCH
$D	DIMMER SWITCH
	OCCUPANCY SENSOR
	CEILING MOUNTED OCCUPANCY SENSOR
	LIGHTING CONTROL POWER PACK RELAY
	PHOTOELECTRIC CONTROL
	DUPLEX CONVENIENCE OUTLET
	COUNTER TOP MOUNTING HEIGHT (CLEAR BACK SPLASH)
	DOUBLE–DUPLEX CONVENIENCE OUTLET
	SPECIAL OUTLET
J	JUNCTION BOX (CEILING MOUNTED)
J	JUNCTION BOX
$m	MOTOR RATED SWITCH
$2m	2 POLE MOTOR RATED SWITCH
	FLOOR BOX WITH COMBINATION DUPLEX POWER OUTLET AND DATA OUTLET
	ELECTRICAL PANELBOARD – SURFACE MOUNTED (HATCHING DENOTES NEW EQUIPMENT)
	UTILITY METER
	DISCONNECT SWITCH (HATCHING DENOTES NEW EQUIPMENT)
T	TRANSFORMER
	DATA/COMMUNICATIONS OUTLET (SEE SPECIFICATIONS FOR ROUGH–IN REQUIREMENTS)
WAP	WIRELESS ACCESS POINT
	CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING
	HOMERUN TO ELECTRIC PANELBOARD
	CONDUIT RUN CONCEALED BELOW FLOOR OR IN SLAB
D	SMOKE DETECTOR (CEILING MOUNTED)
F	FIRE ALARM PULL STATION
	FIRE ALARM AUDIO/VISUAL UNIT
	FIRE ALARM AUDIO/VISUAL UNIT – CEILING MOUNTED
	FIRE ALARM CONTROL PANEL
ES	ELECTRIC STRIKE
AC	ACCESS CONTROL STATION
CT	COUNTER–TOP–HEIGHT MOUNTED
EWC	ELECTRIC WATER COOLER
GFI	GROUND FAULT INTERRUPTER PROTECTED
WP	WEATHERPROOF

SAFETY SWITCH SCHEDULE

EQUIPMENT SERVED	AMPERAGE RATING	VOLTAGE RATING	POLES	DUTY LISTING	NEMA RATING	FUSE SIZE
AC–6A	100	240	2	HEAVY	1	*
AC–6B	100	240	2	HEAVY	1	*
AC–7	100	240	2	HEAVY	1	*
AC–8	100	240	2	HEAVY	1	*
CU–6A	30	240	2	HEAVY	3R	*
CU–6B	30	240	2	HEAVY	3R	*
CU–7	30	240	2	HEAVY	3R	*
CU–8	30	240	2	HEAVY	3R	*
CU–9	30	240	2	HEAVY	3R	*
D–T2	400	240	3	HEAVY	3R	*
D–T3	30	600	2	HEAVY	1	*

* FUSE SWITCH AT EQUIPMENT MANUFACTURER'S NAMEPLATE RECOMMENDATIONS

IT IS THE INTENT OF THESE CONTRACT DOCUMENTS THE EXISTING FIRE ALARM SYSTEM BE EXTENDED/EXPANDED/MODIFIED OR REPLACED WITH NEW TO PROVIDE PROPER NFPA 101/72 COVERAGE FOR THE NEW BUILDING ADDITION AND RENOVATED SPACES. ALL AUDIBLE DEVICES SHALL BE VOICE-EVAC/STROBE. THE BIDDER SHALL INCLUDE ALL LASFM REQUIRED SUBMITTAL INFORMATION AND FEES IN BID. BIDDER SHALL BE LOCAL FACTORY AUTHORIZED DEALER OF EXISTING SYSTEM AND INCLUDE CERTIFICATION OF SUCH IN SUBMITTALS.

IT IS THE BIDDER'S RESPONSIBILITY TO VERIFY SPECIFIC EQUIPMENT NEEDS AND COORDINATE WITH THE ELECTRICAL CONTRACTOR TO OBTAIN DESIRED 120 VOLT POWER FOR EQUIPMENT.

ALL CABLING THRU CORRIDOR OR NEW CONSTRUCTION WALLS SHALL BE SLEEVED (UTILIZE EMT - 2"C MIN.) ALL WIRING SHALL BE RUN IN NEW RACEWAYS - CONCEALED UNLESS RUNNING ABOVE ACCESSIBLE SUSPENDED ACOUSTICAL CEILINGS - J HOOKS REQUIRED THESE SPACES.

Fire Alarm System Requirements (1)

PANEL LP [EXISTING]

VOLTAGE: ☐ 480/277V, 3Ø, 4W, WYE ■ 208/120V, 3Ø, 4W, WYE ☐ 240/120V, 3Ø, 4W, DELTA W/ 3Ø "STINGER"

225 AMP: ☐ FACTORY MAIN CIRCUIT BREAKER ☐ SHUNT TRIP MAIN CB ■ MAIN LUGS ONLY ☐ UL LISTED FEED-THRU LUGS

NEUTRAL: ■ 100% ☐ 200%

MOUNTING: ■ SURFACE ☐ RECESSED ☐ FREE STANDING (FRONT ACCESS ONLY) ☐ FREE STANDING (FRONT AND REAR ACCESS)

ENCLOSURE: ■ NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION) ☐ NEMA 3R ☐ NEMA 4X 320 STAINLESS STEEL ☐ LOCKABLE COVER

FEED: ☐ TOP ■ BOTTOM

BRANCHES: ■ BOLT-ON, PANELBOARD CONSTR. ☐ FUSIBLE SWITCHES, FURNISH ALL FUSES, RK5 ☐ PLUG-ON, LOADCENTER CONSTR.

AIC RATING EXISTING: ■ FULLY RATED ☐ SERIES RATED

■ FURNISH GROUND BAR KIT ☐ FURNISH ADDITIONAL ISOLATED GROUND BAR KIT ☐ SERVICE ENTRANCE LABEL

ALL COPPER BUSSING

CKT. #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	A B C	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT. #
1	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	2
3	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	4
5	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	6
7	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	8
9	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	10
11	20	2–12	12	1/2"	OFFICE 120	––		––	EXISTING	––	––	––	20	12
13	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	14
15	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	16
17	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	18
19	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	20
21	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	22
23	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	24
25	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	26
27	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	28
29	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	30
31	20	––	––	––	EXISTING	––		––	OFFICE 122	1/2"	12	2–12	20	32
33	20	––	––	––	EXISTING	––		––	BREAK ROOM	1/2"	12	2–12	20	34
35	20	––	––	––	EXISTING	––		––	ICE MACHINE	1/2"	12	2–12	20	36
37	20	––	––	––	EXISTING	––		––	FRIDGE	1/2"	12	2–12	20	38
39	20	––	––	––	EXISTING	––		––	PRINTER	1/2"	12	2–12	20	40
41	20	––	––	––	EXISTING	––		––	SPACE	––	––	––	––	42

NOTES:

TOTAL LOAD = EXISTING KVA
TOTAL AMPS = EXISTING AMPS

NEW EQUIP. LOAD = 5.60 KVA
NEW EQUIP. AMPS = 15.54 AMPS

PANEL LP5 [NEW]

VOLTAGE: ☐ 480/277V, 3Ø, 4W, WYE ■ 208/120V, 3Ø, 4W, WYE ☐ 240/120V, 3Ø, 4W, DELTA W/ 3Ø "STINGER"

400 AMP: ☐ FACTORY MAIN CIRCUIT BREAKER ☐ SHUNT TRIP MAIN CB ■ MAIN LUGS ONLY ☐ UL LISTED FEED-THRU LUGS

NEUTRAL: ■ 100% ☐ 200%

MOUNTING: ■ SURFACE ☐ RECESSED ☐ FREE STANDING (FRONT ACCESS ONLY) ☐ FREE STANDING (FRONT AND REAR ACCESS)

ENCLOSURE: ■ NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION) ☐ NEMA 3R ☐ NEMA 4X 320 STAINLESS STEEL ☐ LOCKABLE COVER

FEED: ☐ TOP ■ BOTTOM

BRANCHES: ■ BOLT-ON, PANELBOARD CONSTR. ☐ FUSIBLE SWITCHES, FURNISH ALL FUSES, RK5 ☐ PLUG-ON, LOADCENTER CONSTR.

AIC RATING 10,000: ■ FULLY RATED ☐ SERIES RATED

■ FURNISH GROUND BAR KIT ☐ FURNISH ADDITIONAL ISOLATED GROUND BAR KIT ☐ SERVICE ENTRANCE LABEL

ALL COPPER BUSSING

CKT. #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	A B C	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT. #
1	100	3–3	8	1.5"	AC–6A	––		––	AC–7	1.5"	8	3–3	100	2
3														4
5	100	3–3	8	1.5"	AC–6B	––		––	AC–8	1.5"	8	3–3	100	6
7														8
9	30	3–10	10	3/4"	CU–6A	––		––	CU–8	3/4"	10	3–10	30	10
11														12
13	30	3–10	10	3/4"	CU–6B	––		––	AC/CU–9	3/4"	12	3–12	20	14
15														16
17	30	3–10	10	3/4"	CU–7	––		––	WH–4	3/4"	10	3–8	50	18
19														20
21	20	2–12	12	1/2"	LIGHTING	––		––	LIGHTING	1/2"	12	2–12	20	22
23	20	2–12	12	1/2"	COMPRESSOR	––		––	CLASS 109 RECPT	1/2"	12	2–12	20	24
25	20	2–12	12	1/2"	WORK ROOM 110B	––		––	CLASS 109 RECPT	1/2"	12	2–12	20	26
27	20	2–12	12	1/2"	LAB 110 RECPT	––		––	CLASS 109 RECPT	1/2"	12	2–12	20	28
29	20	2–12	12	1/2"	LAB 110 RECPT	––		––	CLASS 109 RECPT	1/2"	12	2–12	20	30
31	20	2–12	12	1/2"	LAB 110 RECPT	––		––	CLASS 109 RECPT	1/2"	12	2–12	20	32
33	20	2–12	12	1/2"	LAB 110 RECPT	––		––	CLASS 109 RECPT	1/2"	12	2–12	20	34
35	20	2–12	12	1/2"	OVERHEAD REEL	––		––	CLASS 109 RECPT	1/2"	12	2–12	20	36
37	20	2–12	12	1/2"	OVERHEAD REEL	––		––	CLASS 111 RECPT	1/2"	12	2–12	20	38
39	20	2–12	12	1/2"	OVERHEAD REEL	––		––	CLASS 111 RECPT	1/2"	12	2–12	20	40
41	20	2–12	12	1/2"	OVERHEAD REEL	––		––	CLASS 111 RECPT	1/2"	12	2–12	20	42
43	20	2–12	12	1/2"	CLASS 111 RECPT	––		––	CLASS 111 RECPT	1/2"	12	2–12	20	44
45	20	2–12	12	1/2"	CLASS 111 RECPT	––		––	CLASS 111 RECPT	1/2"	12	2–12	20	46
47	20	2–12	12	1/2"	CLASS 111 RECPT	––		––	CLASS 111 RECPT	1/2"	12	2–12	20	48
49	20	2–12	12	1/2"	CLASS 111 RECPT	––		––	CLASS 111 RECPT	1/2"	12	2–12	20	50
51	20	2–12	12	1/2"	CLASS 111 RECPT	––		––	SPARE	––	––	––	20	52
53	20	2–12	12	1/2"	CLASS 111 RECPT	––		––	SPARE	––	––	––	20	54
55	20	2–12	12	1/2"	CLASS 111 RECPT	––		––	SPARE	––	––	––	20	56
57	20	––	––	––	SPARE	––		––	SPARE	––	––	––	20	58
59	20	––	––	––	SPARE	––		––	SPARE	––	––	––	20	60

NOTES:

TOTAL LOAD = 120.11 KVA
TOTAL AMPS = 333.39 AMPS

(1) ALL SPARE CIRCUIT BREAKERS SHALL BE INSTALLED IN THE 'OFF' POSITION.

(2) FINAL AIC RATING FOR THE PANEL TO BE BASED UPON FAULT CURRENT STUDY. FAULT CURRENT VALUE PROVIDED IS FOR BIDDING PURPOSED ONLY. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

PANEL LP2 [EXISTING]

VOLTAGE: ☐ 480/277V, 3Ø, 4W, WYE ■ 208/120V, 3Ø, 4W, WYE ☐ 240/120V, 3Ø, 4W, DELTA W/ 3Ø "STINGER"

225 AMP: ☐ FACTORY MAIN CIRCUIT BREAKER ☐ SHUNT TRIP MAIN CB ■ MAIN LUGS ONLY ☐ UL LISTED FEED-THRU LUGS

NEUTRAL: ■ 100% ☐ 200%

MOUNTING: ■ SURFACE ☐ RECESSED ☐ FREE STANDING (FRONT ACCESS ONLY) ☐ FREE STANDING (FRONT AND REAR ACCESS)

ENCLOSURE: ■ NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION) ☐ NEMA 3R ■ NEMA 4X 320 STAINLESS STEEL ■ LOCKABLE COVER

FEED: ☐ TOP ■ BOTTOM

BRANCHES: ■ BOLT-ON, PANELBOARD CONSTR. ☐ FUSIBLE SWITCHES, FURNISH ALL FUSES, RK5 ☐ PLUG-ON, LOADCENTER CONSTR.

AIC RATING EXISTING: ■ FULLY RATED ☐ SERIES RATED

■ FURNISH GROUND BAR KIT ☐ FURNISH ADDITIONAL ISOLATED GROUND BAR KIT ☐ SERVICE ENTRANCE LABEL

ALL COPPER BUSSING

CKT. #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	A B C	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT. #
1	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	2
3	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	4
5	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	6
7	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	8
9	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	10
11	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	12
13	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	14
15	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	16
17	20	2–12	12	1/2"	OFFICE 124/126	––		––	EXISTING	––	––	––	20	18
19	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	20
21	20	2–12	12	1/2"	OFFICE 120/122/124/126	––		––	EXISTING	––	––	––	20	22
23	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	24
25	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	15	26
27	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	28
29	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	30
31	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	32
33	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	34
35	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	36
37	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	38
39	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	40	40
41	20	––	––	––	EXISTING	––								42
43	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	44
45	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	46
47	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	48
49	20	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	50
51	20	––	––	––	EXISTING	––		––	WH–3	1/2"	10	2–10	30	52
53	30	2–10	10	1/2"	WH–1	––								54
55								––	CTRL RM MONITORS	1/2"	12	2–12	20	56
57	30	2–10	10	1/2"	WH–2	––		––	CTRL RM MONITORS	1/2"	12	2–12	20	58
59								––	CTRL RM MONITORS	1/2"	12	2–12	20	60

NOTES:

TOTAL LOAD = EXISTING KVA
TOTAL AMPS = EXISTING AMPS

NEW EQUIP. LOAD = 21.10 KVA
NEW EQUIP. AMPS = 58.57 AMPS

PANEL MDP [EXISTING]

VOLTAGE: ■ 480/277V, 3ø, 4W, WYE ☐ 208/120V, 3ø, 4W, WYE ☐ 240/120V, 3ø, 4W, DELTA W/ 3ø "STINGER"

800 AMP: ■ FACTORY MAIN CIRCUIT BREAKER ☐ SHUNT TRIP MAIN CB ☐ MAIN LUGS ONLY ☐ UL LISTED FEED–THRU LUGS

NEUTRAL: ■ 100% ☐ 200%

MOUNTING: ■ SURFACE ☐ RECESSED ☐ FREE STANDING (FRONT ACCESS ONLY) ☐ FREE STANDING (FRONT AND REAR ACCESS)

ENCLOSURE: ☐ NEMA 1 (TOOL–LESS DOOR–IN–DOOR CONSTRUCTION) ■ NEMA 3R ☐ NEMA 4X 320 STAINLESS STEEL ☐ LOCKABLE COVER

FEED: ■ TOP ☐ BOTTOM

BRANCHES: ■ BOLT–ON, PANELBOARD CONSTR. ☐ FUSIBLE SWITCHES, FURNISH ALL FUSES, RK5 ☐ PLUG–ON, LOADCENTER CONSTR.

AIC RATING EXISTING: ■ FULLY RATED ☐ SERIES RATED

■ FURNISH GROUND BAR KIT ☐ FURNISH ADDITIONAL ISOLATED GROUND BAR KIT ■ SERVICE ENTRANCE LABEL

ALL COPPER BUSSING

CKT. #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	A B C	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT. #
1	40	––	––	––	EXISTING	––								2
3														4
5														6
7	30	––	––	––	EXISTING	––		––	EXISTING	––	––	––	20	8
9														10
11														12
13	40	––	––	––	EXISTING	––		––	EXISTING	––	––	––	250	14
15														16
17														18
19	15	––	––	––	EXISTING	––		––	EXISTING	––	––	––	400	20
21														22
23														24
25	30	––	––	––	EXISTING	––		––	H2 (NEW)	2.5"	4	4–250	250	26
27														28
29														30

NOTES:

TOTAL LOAD = EXISTING KVA
TOTAL AMPS = EXISTING AMPS

NEW EQUIP. LOAD = 146.81 KVA
NEW EQUIP. AMPS = 176.58 AMPS

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for Sowela Technical Community College
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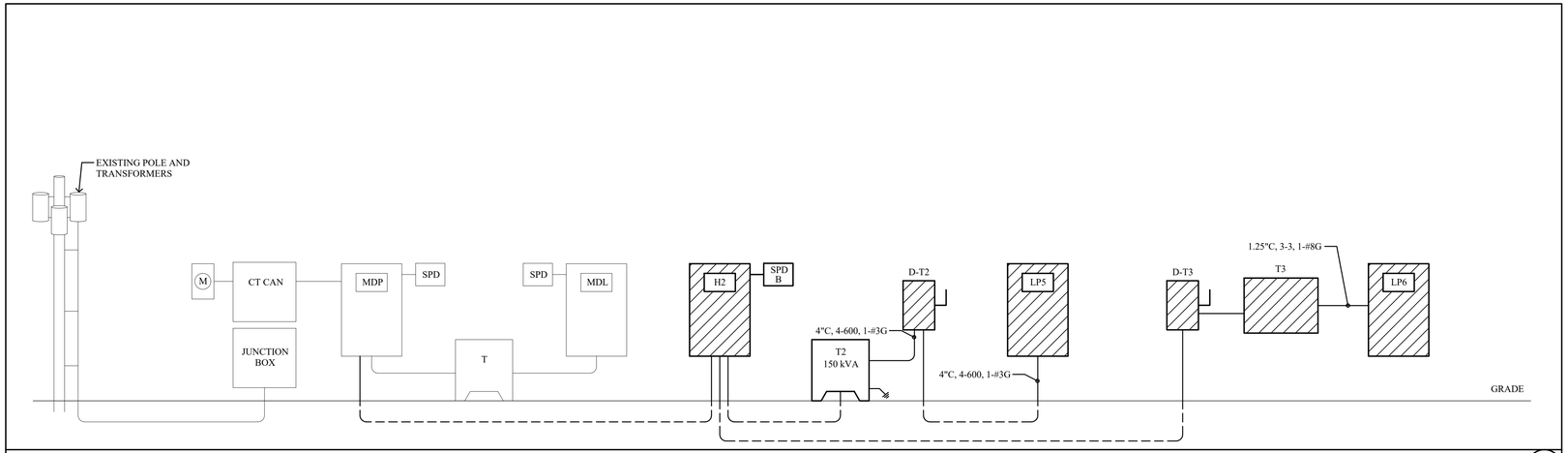
C.E.H. PROJECT NUMBER
2506

STATE OF LOUISIANA
DAVID B. STELLY
License No. 26070
03/19/2026
PROFESSIONAL ENGINEER

CHAMPEAUX EVANS HOTARD, APAC
Drawings and Specifications as instruments of service are and shall remain the property of the Architect. They are not to be used on other projects or extensions to this project except by agreement in writing and with appropriate compensation to the Architect. Contractor is responsible for confirming and correlating dimensions at job site; the Architect will not be responsible for construction means, methods, techniques, sequences or procedures; or for safety precautions and programs in connection with the project.

E4.0

ISSUE DATE:
3 / 13 / 2026



Electrical Riser Diagram

SCALE: N.T.S. (1)

PANEL LP6 [NEW]

VOLTAGE ☐ 120/208V, 1ø, 3W ■ 120/240V, 1ø, 3W

100 AMP ■ FACTORY MAIN CIRCUIT BREAKER ☐ SHUNT TRIP MAIN CB ☐ MAIN LUGS ONLY ☐ UL LISTED FEED-THRU LUGS

NEUTRAL ■ 100% ☐ 200%

MOUNTING ■ SURFACE ☐ RECESSED ☐ FREE STANDING (FRONT ACCESS ONLY) ☐ FREE STANDING (FRONT AND REAR ACCESS)

ENCLOSURE ■ NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION) ☐ NEMA 3R ☐ NEMA 4X 320 STAINLESS STEEL ☐ LOCKABLE COVER

FEED ■ TOP ☐ BOTTOM

BRANCHES ■ BOLT-ON, PANELBOARD CONSTR. ☐ FUSIBLE SWITCHES, FURNISH ALL FUSES, RK5 ☐ PLUG-ON, LOADCENTER CONSTR.

AIC RATING 10,000 ■ FULLY RATED ☐ SERIES RATED

■ FURNISH GROUND BAR KIT ☐ FURNISH ADDITIONAL ISOLATED GROUND BAR KIT ☐ SERVICE ENTRANCE LABEL

ALL COPPER BUSSING

CKT. #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	A B	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT. #
1	20	--	--	--	SPARE	--		--	SPARE	--	--	--	20	2
3	20	--	--	--	SPARE	--		--	SPARE	--	--	--	20	4
5	20	--	--	--	SPARE	--		--	SPARE	--	--	--	20	6
7	20	--	--	--	SPARE	--		--	SPARE	--	--	--	20	8
9	20	--	--	--	SPARE	--		--	SPARE	--	--	--	20	10
11	--	--	--	--	SPACE	--		--	SPACE	--	--	--	--	12
13	--	--	--	--	SPACE	--		--	SPACE	--	--	--	--	14
15	--	--	--	--	SPACE	--		--	SPACE	--	--	--	--	16
17	--	--	--	--	SPACE	--		--	SPACE	--	--	--	--	18

NOTES:

TOTAL LOAD = 0.0 KVA
TOTAL AMPS = 0.0 AMPS

(1) ALL SPARE CIRCUIT BREAKERS SHALL BE INSTALLED IN THE 'OFF' POSITION.

(2) FINAL AIC RATING FOR THE PANEL TO BE BASED UPON FAULT CURRENT STUDY. FAULT CURRENT VALUE PROVIDED IS FOR BIDDING PURPOSED ONLY. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

PANEL H2 [NEW]

VOLTAGE ■ 480/277V, 3ø, 4W, WYE ☐ 208/120V, 3ø, 4W, WYE ☐ 240/120V, 3ø, 4W, DELTA W/ 3ø "STINGER"

300 AMP ☐ FACTORY MAIN CIRCUIT BREAKER ☐ SHUNT TRIP MAIN CB ■ MAIN LUGS ONLY ☐ UL LISTED FEED-THRU LUGS

NEUTRAL ■ 100% ☐ 200%

MOUNTING ■ SURFACE ☐ RECESSED ☐ FREE STANDING (FRONT ACCESS ONLY) ☐ FREE STANDING (FRONT AND REAR ACCESS)

ENCLOSURE ☐ NEMA 1 (TOOL-LESS DOOR-IN-DOOR CONSTRUCTION) ■ NEMA 3R ☐ NEMA 4X 320 STAINLESS STEEL ☐ LOCKABLE COVER

FEED ☐ TOP ■ BOTTOM

BRANCHES ■ BOLT-ON, PANELBOARD CONSTR. ☐ FUSIBLE SWITCHES, FURNISH ALL FUSES, RK5 ☐ PLUG-ON, LOADCENTER CONSTR.

AIC RATING 22,000 ■ FULLY RATED ☐ SERIES RATED

■ FURNISH GROUND BAR KIT ☐ FURNISH ADDITIONAL ISOLATED GROUND BAR KIT ☐ SERVICE ENTRANCE LABEL

ALL COPPER BUSSING

CKT. #	TRIP AMPS	WIRE	GND	COND.	LOAD DESCRIPTION	NOTES	A B C	NOTES	LOAD DESCRIPTION	COND.	GND	WIRE	TRIP AMPS	CKT. #
1	200	3-3/0	6	2"	PNL LP5 VIA TRX	--		--	PNL LP6 VIA TRX	3/4"	10	2-8	50	2
3														4
5								--	SPACE	--	--	--	--	6
7	--	--	--	--	SPACE	--		--	SPACE	--	--	--	--	8
9	--	--	--	--	SPACE	--		--	SPACE	--	--	--	--	10
11	--	--	--	--	SPACE	--		--	SPACE	--	--	--	--	12
13	60	4-6	10	1.25"	SPD	--		--	SPACE	--	--	--	--	14
15								--	SPACE	--	--	--	--	16
17								--	SPACE	--	--	--	--	18

NOTES:

TOTAL LOAD = 120.00 KVA
TOTAL AMPS = 333.39 AMPS

(1) ALL SPARE CIRCUIT BREAKERS SHALL BE INSTALLED IN THE 'OFF' POSITION.

(2) FINAL AIC RATING FOR THE PANEL TO BE BASED UPON FAULT CURRENT STUDY. FAULT CURRENT VALUE PROVIDED IS FOR BIDDING PURPOSED ONLY. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

LIGHTING FIXTURE SCHEDULE

MARK	DESCRIPTION	LUMENS	VOLTS	MOUNTING	MANUFACTURER	CATALOG NUMBER	WATTAGE
A1	2x4 FLAT PANEL (LO LUMEN)	3000	MVOLT	LAY-IN	LITHONIA	CPX 2X4 3000LM 80CRI SWL MIN10 ZT MVOLT	24.6
A1E	2x4 FLAT PANEL (LO LUMEN) w/ EMERGENCY BATTERY	3000	MVOLT	LAY-IN	LITHONIA	CPX 2X4 3000LM 80CRI SWL MIN10 ZT MVOLT E10W	24.6
A2	2x4 FLAT PANEL (HI LUMEN)	5000	MVOLT	LAY-IN	LITHONIA	CPX 2X4 5000LM 80CRI SWL MIN10 ZT MVOLT	40.0
A2E	2x4 FLAT PANEL (HI LUMEN) w/ EMERGENCY BATTERY	5000	MVOLT	LAY-IN	LITHONIA	CPX 2X4 5000LM 80CRI SWL MIN10 ZT MVOLT E10W	40.0
D	6" DOWNLIGHT	2000	MVOLT	RECESSED	LITHONIA	LDN6 40/20 L06 * LD * MVOLT GZ10	22.5
DE	6" DOWNLIGHT w/ EMERGENCY BATTERY	2000	MVOLT	RECESSED	LITHONIA	LDN6 40/20 L06 * LD * MVOLT GZ10 ELSD	22.5
G	LED GROUND LIGHT	1700	MVOLT	GROUND	HYDREL	M9410C SS LED P1 40K MVOLT MFL FLC 34S LDIM *	10.0
J	EXTERIOR SCONCE	3400	MVOLT	SURFACE	VISA LIGHTING	OW1317 L40K(H) MVOLT * *	38.0
M	4' LOW BAY	8000	MVOLT	SUSPENDED	LITHONIA	MSL 8000LM L/LV MVOLT GZ10 40K 80CRI * ZACVH M100	74.7
ME	4' LOW BAY w/ EMERGENCY BATTERY	8000	MVOLT	SUSPENDED	LITHONIA	MSL 8000LM L/LV MVOLT GZ10 40K 80CRI * E10W ZACVH M100	74.7
P	8' LINEAR PENDANT	4500	MVOLT	SUSPENDED	PAL	DRS-I/D FE HO K40 80 8 CT OC2/LOH * UNV DIM1	61.2
S	4' STRIP LIGHT	4000	MVOLT	SURFACE	LITHONIA	CLX L48 4000LM HEF FDL MVOLT GZ10 40K 80CRI *	23.8
SE	4' STRIP LIGHT w/ EMERGENCY BATTERY	4000	MVOLT	SURFACE	LITHONIA	CLX L48 4000LM HEF FDL MVOLT GZ10 40K 80CRI * E10W	23.8
W	WALL PACK w/ EMERGENCY BATTERY	1500	MVOLT	SURFACE	LITHONIA	ARC1 LED P1 40K MVOLT E4WH *	11.0
X	SINGLE-SIDE EXIT SIGN w/ EMERGENCY BATTERY	LED	MVOLT	UNIVERSAL	LITHONIA	LQC * 1 R EL N	1.2

* ARCHITECT SHALL SELECT ALL FIXTURE FINISHES/COLORS

A. VISIT AND CAREFULLY EXAMINE THOSE PORTIONS OF THE BUILDING AND SITE AFFECTED BY THIS WORK BEFORE SUBMITTING PROPOSALS, SO AS TO BECOME FAMILIAR WITH EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT EXECUTION OF THE WORK. SUBMISSION OF A PROPOSAL WILL BE CONSTRUED AS EVIDENCE THAT SUCH EXAMINATION HAS BEEN MADE AND LATER CLAIMS FOR LABOR, EQUIPMENT OR MATERIALS REQUIRED BECAUSE OF DIFFICULTIES ENCOUNTERED WILL NOT BE RECOGNIZED. EXISTING CONDITIONS, UTILITIES, SERVICES INDICATED ARE TAKEN FROM VARIOUS OLD AND NEW SURVEYS, EXISTING CONSTRUCTION DOCUMENTS AND FIELD INVESTIGATIONS. IT IS TO BE UNDERSTOOD THAT UNFORSEEN CONDITIONS PROBABLY EXIST AND NEW WORK MAY NOT BE FIELD LOCATED EXACTLY AS SHOWN ON THE DRAWINGS. COOPERATION WITH OTHER TRADES IN ROUTING, AS DETERMINED DURING CONSTRUCTION AND AS DIRECTED BY THE ARCHITECT/ENGINEER, MAY BE NECESSARY AND IT IS INTENDED THAT SUCH DEVIATIONS SHALL BE CONSIDERED AS PART OF THIS CONTRACT. IT IS ALSO UNDERSTOOD THAT THE PLANS ARE NOT COMPLETELY TO SCALE. THIS CONTRACTOR IS TO FIELD VERIFY DIMENSIONS OF ALL SITE UTILITIES, ETC., PRIOR TO BID, AND INCLUDE ANY DEVIATIONS IN THE CONTRACT.

B. EXISTING OUTLET BOXES AND CONDUIT WHICH ARE LOCATED PROPERLY FOR NEW WORK MAY BE REUSED FOR NEW DEVICES.

C. ALL CONDUIT AND WIRE REMOVED SHALL BE TAKEN BACK TO THE SOURCE OF SUPPLY.

D. INSTALL A BLANK COVER PLATE ON ALL EMPTY DEVICE BOXES.

E. WHERE EXISTING EQUIPMENT OR MATERIALS ARE REMOVED OR CHANGED, ALL BRANCH CONDUITS, WHICH NO LONGER ARE IN SERVICE, SHALL BE REMOVED AS DIRECTED BY THE ARCHITECT. IF, IN THE COURSE OF THE WORK, OUTLETS ARE COVERED UP OR OTHERWISE RENDERED INACCESSIBLE, ALL WIRING TO SAME SHALL BE REMOVED TO THE SOURCE. IF A CIRCUIT THAT MUST REMAIN IN SERVICE IS INTERRUPTED THEREBY, IT SHALL RECONNECTED BY THE MOST INCONSPICUOUS MEANS SO AS TO REMAIN OPERATION, WITH SAME CAPACITY AS BEFORE. ALL BUILDING SURFACES DAMAGED, AND OPENINGS LEFT BY REMOVAL OF BOXES, PIPING OR OTHER EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR. ALL HOLES LEFT IN JUNCTION BOXES, SWITCHES, PANELS, ETC. SHALL BE CLOSED.

F. WHERE NEW OPENINGS ARE CUT, AND CONCEALED CONDUITS, ETC., ARE ENCOUNTERED, THEY SHALL BE REMOVED OR RELOCATED AS REQUIRED. WHERE CONDUIT TO BE REMOVED STUBS THROUGH FLOORS, WALLS, AND CEILINGS, SUCH CONDUIT SHALL BE REMOVED TO THE POINT WHERE THE FINISH SURFACES CAN BE PATCHED ADEQUATELY SO THAT NO EVIDENCE OF THE FORMER INSTALLATION REMAINS.

G. ALL REUSABLE DEVICES, FIXTURES AND EQUIPMENT SHALL BECOME THE PROPERTY OF THE OWNER. ALL OTHER SALVAGE AND DEBRIS SHALL BE REMOVED FROM THE PREMISES DAILY BY THIS CONTRACTOR.

H. THIS CONTRACTOR SHALL FURNISH AND PROVIDE ALL DEMOLITION REQUIRED TO ACCOMMODATE THIS PROJECT WHETHER INDICATED ON DRAWINGS, OR DIRECTED IN THE FIELD.

I. VISIT THE JOB SITE PRIOR TO BID TO VERIFY ALL ACTUAL CONDITIONS.

J. REMOVE EXISTING SYSTEMS, MATERIALS AND EQUIPMENT WHICH ARE MADE OBSOLETE OR WHICH INTERFERE WITH THE CONSTRUCTION OF THE PROJECT. REINSTALL ANY SUCH SYSTEMS, MATERIALS AND EQUIPMENT WHICH IS REQUIRED TO COMPLETE THE PROJECT.

K. LOCATE ALL EXISTING UTILITIES AND PROTECT THEM FROM DAMAGE.

L. REINSTALL ANY SUCH POWER, LIGHTING, SYSTEMS, MATERIALS AND EQUIPMENT WHICH ARE REQUIRED TO REMAIN ACTIVE FOR THE FACILITY TO BE FULLY FUNCTIONAL.

M. ALL RECEPTACLES, DEVICES, LIGHTING, SYSTEMS AND EQUIPMENT NOT SHOWN, AND IN AREAS OUTSIDE OF REMODELING SHALL REMAIN ACTIVE UNLESS OTHERWISE NOTED. FURNISH AND INSTALL ACCESSIBLE JUNCTION BOXES AND REWORK EXISTING CIRCUITS AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY TO RECEPTACLES, DEVICES, LIGHTING, SYSTEMS AND EQUIPMENT.

N. ALL CONDUIT TO BE CONCEALED UNLESS IMPOSSIBLE DUE TO EXISTING CONDITIONS (I.E. EXPOSED STRUCTURAL CEILINGS, BUILDING EXTERIOR WALLS). CONCEAL ALL CONDUITS ABOVE CEILINGS OR WITHIN WALLS AND COUNTERS.

O. ALL NEW DEVICES TO BE FLUSH MOUNTED UNLESS SPECIFICALLY NOTED OTHERWISE.

P. INSTALL FLEXIBLE CONDUIT DOWN EXISTING WALLS TO NEW FLUSH OUTLETS. (IF EXISTING WALLS DO NOT CONTAIN HOLLOW VERTICAL CAVITIES AND IT IS NOT FEASIBLE TO CONCEAL THE CONDUIT, THEN EXPOSED WIREMOLD PAINTED TO MATCH THE WALL SHALL BE USED).

Q. PROVIDE TEMPORARY WIRING AND CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING CONSTRUCTION. WHEN WORK MUST BE PERFORMED ON ENERGIZED EQUIPMENT OR CIRCUITS, USE PERSONNEL EXPERIENCED IN SUCH OPERATIONS.

R. EXISTING FIRE ALARM SYSTEM: MAINTAIN EXISTING SYSTEM IN SERVICE UNTIL NEW SYSTEM IS ACCEPTED. DISABLE SYSTEM ONLY TO MAKE SWITCHOVERS AND CONNECTIONS. NOTIFY OWNER AND LOCAL FIRE SERVICE AT LEAST 24 HOURS BEFORE PARTIALLY OR COMPLETELY DISABLING SYSTEM. MINIMIZE OUTAGE DURATION. MAKE TEMPORARY CONNECTIONS TO MAINTAIN SERVICE IN AREAS ADJACENT TO WORK AREA.

S. REMOVE ABANDONED CONDUIT, INCLUDING ABANDONED CONDUIT ABOVE ACCESSIBLE CEILING FINISHES.

T. DISCONNECT ABANDONED OUTLETS AND REMOVE DEVICES. REMOVE ABANDONED OUTLETS IF CONDUIT SERVICING THEM IS ABANDONED AND REMOVED. PROVIDE BLANK COVER FOR OPEN JUNCTION BOXES.

U. DISCONNECT AND REMOVE ELECTRICAL DEVICES AND EQUIPMENT SERVING UTILIZATION EQUIPMENT THAT HAS BEEN REMOVED.

V. CLEAN AND REPAIR EXISTING MATERIALS AND EQUIPMENT WHICH REMAIN OR ARE TO BE REUSED.

W. PANELBOARDS: CLEAN EXPOSED SURFACES AND CHECK TIGHTNESS OF ELECTRICAL CONNECTIONS. REPLACE DAMAGED CIRCUIT BREAKERS AND PROVIDE CLOSURE PLATES FOR VACANT POSITIONS. PROVIDE TYPED CIRCUIT DIRECTORY SHOWING REVISED CIRCUITING ARRANGEMENT.

X. ALL NEW CIRCUIT BREAKERS WITHIN EACH EXISTING PANELBOARD SHALL BE THE SAME MANUFACTURER TYPE, STYLE AND A.I.C. RATING OF EXISTING PANELBOARD.

Y. SCREENED ELECTRICAL INDICATES EXISTING TO REMAIN ACTIVE, UNLESS NOTED OTHERWISE.

Z. WHERE TELEPHONE OUTLETS ARE SHOWN TO BE REMOVED, REMOVE THE WIRE AND REMOVE CONDUIT, BOXES AND FITTINGS AS REQUIRED TO CLEAR AREA OR AS DIRECTED BY ARCHITECT.

AA. ALL OUTLET BOXES WHERE FIXTURES OR DEVICES ARE REMOVED SHALL BE REMOVED AND CEILING OR WALL SHALL BE PATCHED TO MATCH EXISTING OR NEW FINISH. IF OUTLET BOX MUST REMAIN TO MAINTAIN CONTINUITY OF CIRCUITRY, AN APPROPRIATE ACCESSIBLE BLANK PLATE SHALL BE INSTALLED WITH FINISH TO MATCH EXISTING OR NEW, WHERE APPLICABLE. ALL PATCHES OR CEILING PLATES SHALL BE PATCHED OR PAINTED AS DIRECTED BY ARCHITECT.

AB. ALL OUTLET BOXES WHICH MUST BE REMOVED DUE TO REMOVAL OF WALL, AND WHICH MUST REMAIN ACTIVE IN ORDER TO MAINTAIN CIRCUIT CONTINUITY SHALL BE RELOCATED IN CEILING OR FLOOR, SHALL BE ACCESSIBLE, AND SHALL HAVE BLANK COVERPLATE AS DESCRIBED IN NOTE T.

AC. CLEAN, INSTALL NEW BALLAST AND RE-LAMP ALL EXISTING FLUORESCENT FIXTURES AND DIFFUSERS BEING REUSED. MATCH EXISTING LAMP, COLOR TEMPERATURE, SIZE, AND TYPE.

AD. CONTRACTOR SHALL MAINTAIN FIRE ALARM PROTECTION DURING CONSTRUCTION. REUSE EXISTING DEVICES PER REVISED PLAN. PROVIDE AND INSTALL NEW DEVICES AS NECESSARY. ANY UNUSED EXISTING DEVICES SHALL BE TURNED OVER TO THE OWNER.

Electrical Demo General Notes (1)

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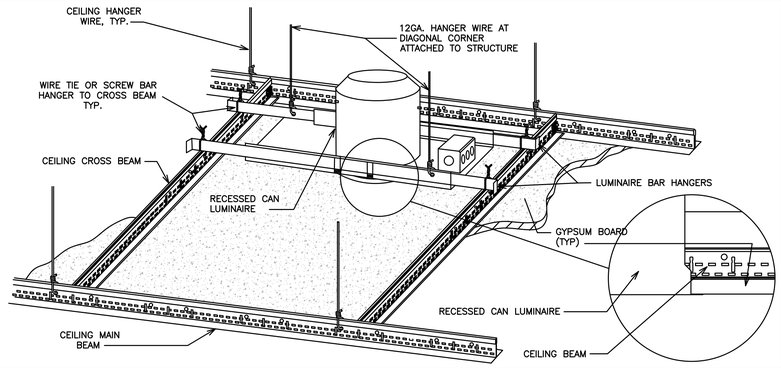
C.E.H. PROJECT NUMBER
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DAVID B. STELLY
License No. 26070
03/19/2026
PROFESSIONAL ENGINEER

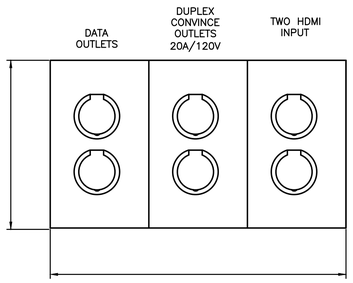
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E4.1

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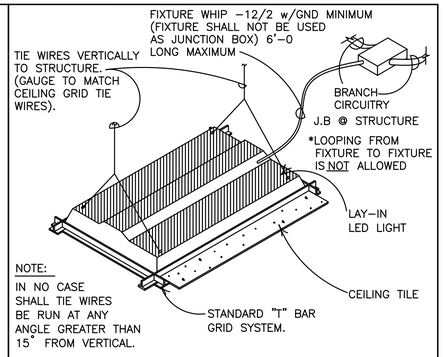


1 DOWNLIGHT MOUNTING – GYPBOARD CEILING
NO SCALE

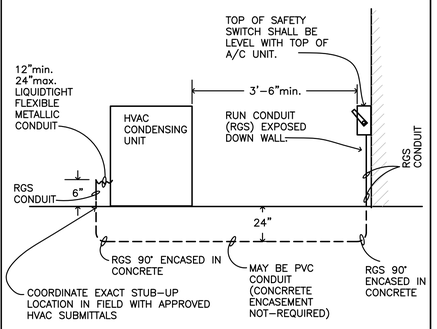


BOX SHALL HAVE LEVELING SCREWS
BOX SHALL BE PERFECTLY FLUSH WITH FLOOR.

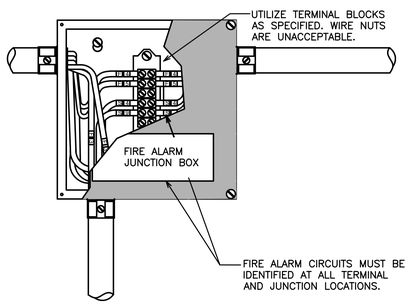
2 FLOOR BOX DETAIL
NO SCALE



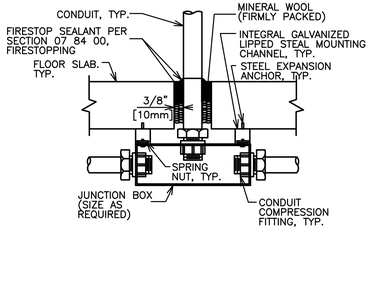
3 TYP. LIGHT FIXTURE INSTALLATION
NO SCALE



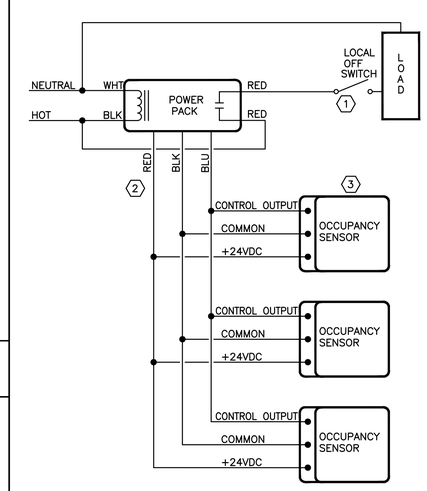
4 TYPICAL HVAC CONDENSING UNIT INSTALLATION DETAIL
NO SCALE



5 INSTALLATION & IDENTIFICATION OF FIRE ALARM CIRCUITS
NO SCALE

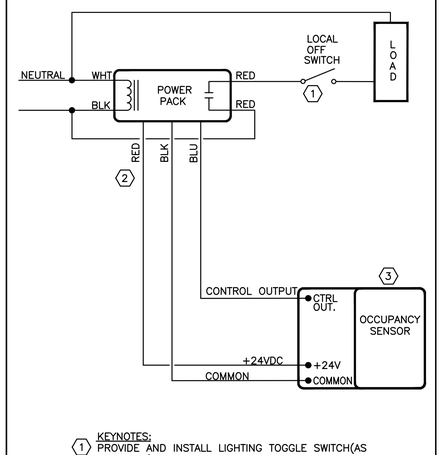


6 FLOOR SLAB PENETRATION DETAIL
NO SCALE



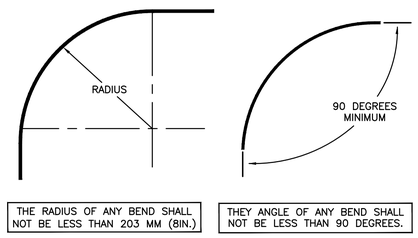
KEYNOTES:
1. PROVIDE AND INSTALL LIGHTING TOGGLE SWITCH(AS SPECIFIED) ON STRIKE SIDE OF DOOR.
2. COLOR DESIGNATIONS OF CONDUCTORS WILL VARY BY MANUFACTURER. CONTRACTOR SHALL OBTAIN LATEST WIRING DIAGRAMS FROM MANUFACTURES USED. THIS WIRING DIAGRAM IS FOR DIAGRAMMATIC PURPOSES ONLY.
3. REFER TO SPECIFICATIONS FOR OCCUPANCY SENSOR REQUIREMENTS.

TYPICAL FOR ROOMS WITH MULTIPLE, CEILING MOUNTED OCCUPANCY SENSOR CONTROLLING LIGHTING LOAD.

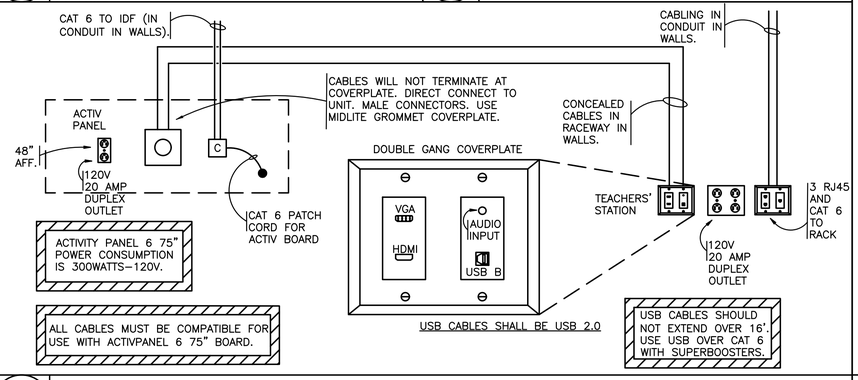


KEYNOTES:
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3. REFER TO SPECIFICATIONS FOR OCCUPANCY SENSOR REQUIREMENTS.

TYPICAL FOR ROOMS WITH SINGLE, CEILING MOUNTED OCCUPANCY SENSOR CONTROLLING LIGHTING LOAD.



7 ACCEPTABLE GROUND CONDUCTOR BENDING
NO SCALE



8 CLASSROOM AV CABLING
NO SCALE

9 MULTIPLE OCCUPANCY SENSORS USING ONE
NO SCALE

10 SINGLE OCCUPANCY SENSOR WIRING DIAGRAM
NO SCALE

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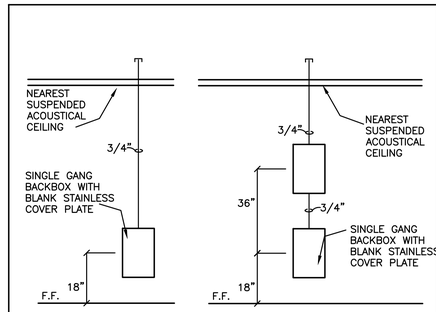
C.E.H. PROJECT NUMBER
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STATE OF LOUISIANA
DAVID B. STELLY
License No. 26070
02/19/2026
PROFESSIONAL ENGINEER

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E4.2

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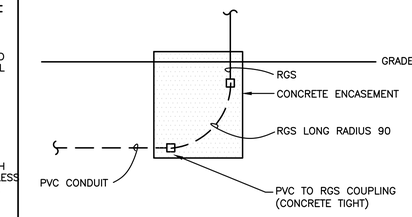


STANDARD 18" AFF UNIT

STANDARD "WALL" MOUNT UNIT

8 DATA/TELEPHONE ROUGH-IN

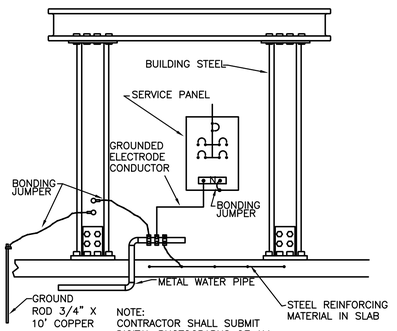
NO SCALE



NOTE:
SUBMIT DIGITAL PHOTOGRAPHS OF INSTALLATION PRIOR TO POURING CONCRETE AND AFTER POURING CONCRETE.

1 TYPICAL UNDERGROUND STUB-UP DETAIL

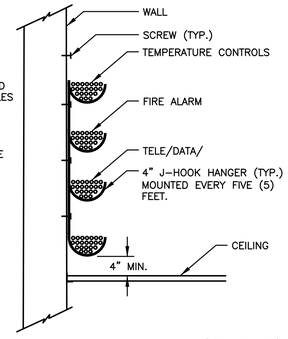
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NOTE:
CONTRACTOR SHALL SUBMIT DIGITAL PHOTOGRAPHS OF ALL GROUNDING TERMINATIONS.

2 GROUNDING TO BLDG. STEEL DETAIL

NO SCALE



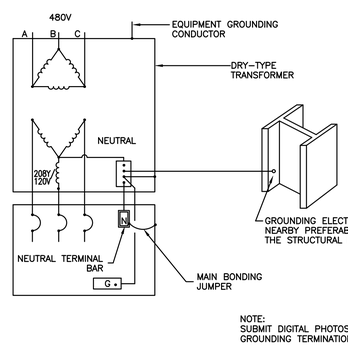
J-HOOKS SHALL BE MONOSYSTEMS H-433 SERIES OR EQUIVALENT COMPLETE WITH COLORED BANDS IDENTIFYING CABLES AS NOTED BELOW.

RED – FIRE ALARM
GREEN – TELE/DATA
WHITE –TEMPERATURE CONTROLS

(LOW VOLTAGE)

3 J-HOOK DETAIL FOR COMM. CABLES

NO SCALE

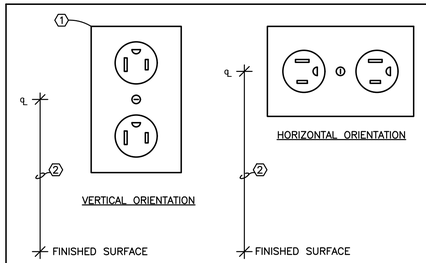


NOTE:
SUBMIT DIGITAL PHOTOS OF ALL GROUNDING TERMINATIONS

* REFER TO SPECIFICATION SECTION "GROUNDING" FOR ADDITIONAL REQUIREMENTS

4 TRANSFORMER GROUNDING DETAIL

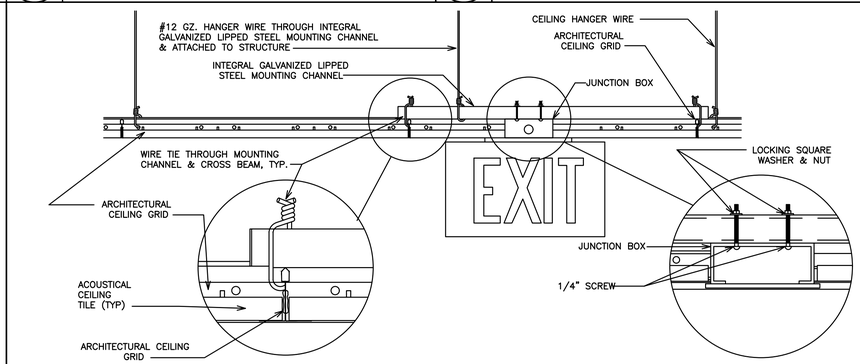
NO SCALE



KEYNOTES:
1. REFER TO SPECIFICATIONS FOR RECEPTACLE REQUIREMENTS.
2. MOUNTING HEIGHT IS DENOTED ON LEGEND

5 TYPICAL RECEPTACLE INSTALLATION REQUIREMENTS

NO SCALE



6 EXIT SIGN MOUNTING – LAY-IN CEILING

NO SCALE

TYPICAL PANELBOARD PLAQUE

(INDICATE PANEL DESIGNATION)
__ /__ VOLTS __ PHASE __ WIRE
__ AMPS MAIN __
FED FROM
(INDICATE FEEDER ORIGINATION I.D.)
(PANEL AND CIRCUIT NO.)

SEE SPECIFICATIONS FOR MATERIALS, COLORS SIZE LETTERING, ETC.

(INDICATE EQUIPMENT DESCRIPTION)
FUSED AT__ AMPERES
FED FROM
(INDICATE FEEDER ORIGINATION I.D.)
(PANEL AND CIRCUIT NO.)

TYPICAL DISCONNECT PLAQUE

ATTACH PLAQUES USING INDUSTRIAL GRADE DOUBLE FACE ADHESIVE.

7 ELECTRICAL EQUIP. SIGNAGE DETAIL

NO SCALE

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E4.3

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