LAVALLEE | BRENSINGER ARCHITECTS

CMCC HEALTHCARE TRAINING EXPANSION

OWNER:
CENTRAL MAINE COMMUNITY COLLEGE

1250 TURNER ST, AUBURN, MAINE, 04210

ARCHITECT:
Lavallee Brensinger Architects
305 Commercial Street
Portland, ME 04101
207.558.7200
www.LBPA.com

CIVIL ENGINEER:
Wright- Pierce
11 Bowdoin Mill Island, Suite 140
Topsham. ME 04086
207.725.8721
www.wright-pierce.com

STRUCTURAL ENGINEER:
Foley Buhl Roberts & Associates
254 Commercial Street
Portland, ME 04101
207.200.2500
www.fbra.com

MECHANICAL / ELECTRICAL / PLUMBING & FIRE PROTECT ENGINEER:
Allied Engineering A Salas O'Brien Company
160 Veranda Street
Portland, ME 04103
207.221.2260
www.salasobrien.com

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

COVER SHEET
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- E5.0 - ELECTRICAL DETAILS
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- ED1.2 - ELECTRICAL DEMOLITION PLAN - SECOND FLOOR
- EL1.1 - LIGHTING PLAN - FIRST FLOOR
- EL1.2 - LIGHTING PLAN - SECOND FLOOR
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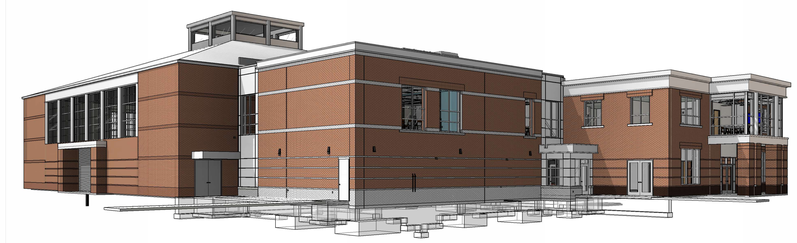
- EP1.1 - ELECTRICAL PLAN - FIRST FLOOR
- EP1.2 - ELECTRICAL PLAN - SECOND FLOOR
- EP1.3 - ELECTRICAL PLAN - ROOF

CENTRAL MAINE COMMUNITY COLLEGE

1250 TURNER ST, AUBURN, MAINE, 04210

3D IMAGE



SITE LOCATION MAP

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GENERAL NOTES

1. LOCATION OF PUBLIC UTILITIES SHOWN IS ONLY APPROXIMATE AND MAY NOT BE COMPLETE. PRIVATE UNDERGROUND UTILITIES SUCH AS, BUT NOT LIMITED TO, SEWER LINES, WATER LINES AND BURIED ELECTRICAL SERVICE ENTRANCES ARE NOT SHOWN. THE CONTRACTOR SHALL ASCERTAIN THE LOCATION AND SIZE OF EXISTING UTILITIES IN THE FIELD WITH THE RESPECTIVE UTILITY REPRESENTATIVE PRIOR TO COMMENCING WORK. THE CONTRACTOR SHALL REFER TO SECTION 01050 REGARDING COORDINATION WITH OTHERS, INCLUDING RESPONSIBILITIES AND OTHER RELATED COSTS. UTILITY CONTACTS ARE AS FOLLOWS.

ELECTRIC:	TIME WARNER CABLE 37 ALFRED PLOURDE PARKWAY	WATER & SEWER:
CENTRAL MAINE POWER 209 WHITTIER ROAD FARMINGTON, MAINE 04938 (207) 779-9118	LEWISTON, MAINE 04240 TEL. (207) 783-9902 OXFORD NETWORKS 491 LISBON STREET LEWISTON, ME 04240 (207) 333-3471	AUBURN WATER & SEWERAGE DISTRICTS P.O. BOX 414 AUBURN, MAINE 04210 TEL. (207) 784-6469
TELEPHONE/CABLE:		GAS:
NEW ENGLAND TELEPHONE 5 DAVIS FARM ROAD PORTLAND, ME 04103 (207) 797-8251	OTT COMMUNICATIONS 56 CAMPUS DRIVE NEW GLOUCESTER, ME 04260 (207) 688-8824	UNITIL CORP. 1075 FOREST AVENUE PORTLAND, ME 04101 TEL. (207) 541-2568
MID MAINE TELECOM 900D HAMMOND STREET BANGOR, ME 04101 (207) 992-9945	DIG SAFE: TEL. 1-800-225-4977	CITY OF AUBURN 60 COURT STREET AUBURN, MAINE 04240 (207) 333-6601

2. ALL UTILITY COVERS, CATCH BASINS, MANHOLES, VALVE BOXES AND OTHER BURIED FACILITIES WITH SURFACE ACCESS SHALL BE ADJUSTED TO MATCH THE NEW PAVEMENT GRADE UNLESS OTHERWISE NOTED. THE RELOCATION OF UTILITY POLES WILL BE PERFORMED BY THE APPROPRIATE UTILITY OR ITS AUTHORIZED REPRESENTATIVE. THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY IN EVERY WAY TO EXPEDITE SUCH ADJUSTMENTS. CONTRACTOR TO COORDINATE ALL UTILITY RELOCATION AND INSTALLATION WITH THE APPROPRIATE UTILITY COMPANY.

3. ALL TEST PITS SHALL BE EXCAVATED PRIOR TO CONSTRUCTION LAYOUT AT THE APPROXIMATE LOCATIONS NOTED ON THE PLANS AND ACTUAL LOCATIONS OF SUBSURFACE UTILITIES SHALL BE REPORTED TO THE ENGINEER. WHERE APPROPRIATE, MINOR ADJUSTMENTS TO THE ALIGNMENTS OF PROPOSED LINES SHALL BE MADE TO ACCOMMODATE EXISTING UTILITIES. ALL ADJUSTMENTS (NORTHINGS, EASTINGS AND ELEVATIONS) MUST BE DEPICTED IN THE RECORD AS-BUILT DRAWING DATA SUBMITTED TO THE ENGINEER FOR INCLUSION IN THE RECORD AS-BUILT DRAWINGS.

4. COMPACTION TESTS SHALL BE PERFORMED IN ACCORDANCE WITH SPECIFICATION. ANY SETTLEMENT OCCURRING WITHIN ONE YEAR OF SUBSTANTIAL COMPLETION OF THE PROJECT WILL BE CORRECTED BY THE CONTRACTOR IN A MANNER ACCEPTABLE TO THE ENGINEER AT NO ADDITIONAL EXPENSE TO THE OWNER.

5. ALL EXISTING SEWER AND STORM DRAIN LINES ENCOUNTERED DURING CONSTRUCTION ARE TO REMAIN IN SERVICE EXCEPT AS OTHERWISE INDICATED. ANY EXISTING SEWERS, STORM DRAIN LINES OR CULVERTS DAMAGED DURING CONSTRUCTION AND NOT TO BE REPLACED SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

6. ALL STRUCTURES AND PIPELINES LOCATED ADJACENT TO THE TRENCH EXCAVATION SHALL BE PROTECTED AND FIRMLY SUPPORTED BY THE CONTRACTOR UNTIL THE TRENCH IS BACKFILLED. INJURY TO ANY SUCH STRUCTURES CAUSED BY, OR RESULTING FROM, THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. ALL UTILITIES REQUIRING REPAIR, RELOCATION OR ADJUSTMENT AS A RESULT OF THE PROJECT SHALL BE COORDINATED THROUGH THE RESPECTIVE UTILITY.

7. IN THOSE INSTANCES WHERE POWER OR TELEPHONE POLE SUPPORT IS REQUIRED, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48-HOUR NOTIFICATION TO THE APPROPRIATE UTILITY COMPANY. NO ADDITIONAL PAYMENT WILL BE PROVIDED FOR TEMPORARY BRACING OF UTILITIES.

8. CONTRACTOR SHALL INSTALL AND MAINTAIN PERMANENT AND TEMPORARY TRAFFIC CONTROL DEVICES AS NECESSARY AND IN A MANNER CONSISTENT WITH MAINE DOT REQUIREMENTS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.).

9. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRAFFIC FLOW AT ALL TIMES. THE CONTRACTOR IS REQUIRED TO SUBMIT A TRAFFIC CONTROL PLAN TO THE OWNER AND ENGINEER PRIOR TO COMMENCING CONSTRUCTION. THE POLICE DEPARTMENT AND FIRE DEPARTMENT ARE TO BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF ANY STREET CLOSING OR DETOUR. AUBURN POLICE DEPARTMENT TEL. 207-333-6650. AUBURN FIRE DEPARTMENT TEL. 207-784-5433.

10. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY RIGHTS-OF-WAY AND EASEMENTS. THE CONTRACTOR SHALL VERIFY THAT THE NECESSARY EASEMENTS HAVE BEEN SECURED BY THE OWNER. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE FAMILIAR WITH THE APPLICABLE PROVISIONS OF EACH EASEMENT AS THEY APPLY TO THE WORK PRIOR TO BIDDING AND ABIDE BY THOSE PROVISIONS DURING CONSTRUCTION.

11. OPEN TRENCHES IN THE ROADWAY MUST BE BACK FILLED AT THE END OF THE WORKDAY, UNLESS PERMISSION TO LEAVE THEM OPEN IS GIVEN IN WRITING BY THE OWNER. ALL STREETS MUST BE PAVED PRIOR TO THE WINTER SHUTDOWN. TEMPORARY PAVEMENT SHALL BE CONSIDERED INCIDENTAL. OPEN TRENCHES OUTSIDE OF THE ROADWAY MAY BE LEFT OPEN IF THE CONTRACTOR PROVIDES ADEQUATELY SAFE BARRICADES AND LIGHTS.

12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTING ALL EXISTING PROPERTY MONUMENTATION THAT IS DISTURBED BY HIS OPERATIONS AT NO EXPENSE TO THE OWNER. THIS WORK IS TO BE DONE BY A LAND SURVEYOR LICENSED IN THE STATE OF MAINE. PROPERTY BOUNDS FOUND ARE SHOWN ON LAYOUT PLANS, THIS MAY NOT BE INCLUSIVE OF ALL BOUNDS THAT EXIST IN THE PROJECT AREA. IF ANY ADDITIONAL BOUNDS ARE FOUND, THE CONTRACTOR SHALL DOCUMENT THE LOCATION AND NOTIFY THE ENGINEER.

13. THE CONTRACTOR SHALL NOT HAVE ANY RIGHT OF PROPERTY IN ANY MATERIALS TAKEN FROM ANY EXCAVATION. SUITABLE EXCAVATED MATERIAL MAY BE INCORPORATED IN THE PROJECT. EXCESS MATERIAL MAY BE DISPOSED OF AT A LOCATION PROVIDED BY THE TOWN, IF OWNER SO DESIRES.

14. CONSTRUCT HANDICAP RAMPS AT ENDS OF ALL SIDEWALKS, FOR DRIVEWAYS OR ROADWAYS AND AS OTHERWISE SHOWN ON THE PLANS. SIDEWALKS AND HANDICAP RAMPS SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

15. THE CONTRACTOR IS TO TAKE SPECIAL CARE NOT TO DAMAGE TREES WITHIN THE CONSTRUCTION AREA UNLESS THEY ARE NOTED TO BE REMOVED.

16. APPROXIMATE LIMIT OF WORK ON PLANS IS INTENDED TO SHOW GENERAL SCOPE OF THE WORK. ACTUAL LIMITS OF THE WORK ARE TO BE DETERMINED IN THE FIELD TO MEET PROJECT NEEDS AS DETERMINED BY THE OWNER AND THE ENGINEER.

17. PAVEMENT IS TO BE SAWCUT AT ALL SIDE ROADS, PAVED DRIVES, PAVED SIDEWALKS, AS WELL AS THE BEGINNING AND END OF THE PROJECT LIMITS. PAVEMENT GRINDING BEYOND THE SAW CUT WILL BE REQUIRED AT ALL LOCATIONS.

18. CURB CUT LOCATIONS FOR DRIVEWAYS SHALL BE FIELD VERIFIED. ADJUST CURB CUTS IF APPROPRIATE.

19. WHERE GRAVEL DRIVES NEED TO BE REGRADED BEYOND THE PROPOSED EDGE OF ROADWAY OR PROPOSED SIDEWALK USE SCREENED STONE TO ADJUST TO GRADE. EXCAVATE AS NECESSARY TO PROVIDE A MINIMUM GRAVEL DEPTH OF 12 INCHES IN ANY CUT SECTIONS.

20. THE CONTRACTOR SHALL NOTIFY RESIDENTS 48 HOURS IN ADVANCE OF WHEN CONSTRUCTION WILL DISRUPT ACCESS TO THE RESIDENTS PROPERTY, INCLUDING DRIVEWAYS, WALKWAYS, ETC. DURING NOTIFICATION, CONTRACTOR SHALL VERIFY WITH OWNER ANY KNOWN BOUNDARY MARKER LOCATIONS.

21. EXISTING SIGNS THAT ARE IMPACTED BY THIS PROJECT SHALL BE RESET PER CITY OF AUBURN STANDARDS AND IN ACCORDANCE WITH MAINE DOT AND M.U.T.C.D. ADDITIONAL SIGNS MY BE REQUIRED AS DIRECTED BY THE ENGINEER.

22. ALL MANHOLES ARE 4 FOOT DIAMETER, ECCENTRIC CONE TOP, UNLESS OTHERWISE NOTED. THE INVERTS SHOWN ARE AT THE INSIDE FACE OF THE MANHOLE.

23. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).

24. REFER TO SPECIFICATION FOR PIPE AND STRUCTURE BEDDING AND BACKFILL REQUIREMENTS.

25. CONTRACTOR SHALL RE-SHAPE INVERTS AS REQUIRED WHEN CONNECTING INTO EXISTING MANHOLES.

26. ALL PERMITS, INCLUDING THE TOWN'S STREET OPENING PERMIT, ARE THE RESPONSIBILITY OF THE CONTRACTOR. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE FAMILIAR WITH THE APPLICABLE PROVISIONS OF EACH PERMIT AS THEY APPLY TO THE WORK PRIOR TO BIDDING AND ABIDE BY THOSE PROVISIONS DURING CONSTRUCTION.

27. THE CONTRACTOR SHALL BE REQUIRED TO FURNISH AND MAINTAIN A TELEPHONE NUMBER WHERE THE CONTRACTOR CAN BE REACHED 24 HOURS A DAY, 7 DAYS A WEEK, UNTIL PROJECT SUBSTANTIAL COMPLETION.

28. RIGID INSULATION SHALL BE PROVIDED ON ALL NEW STORM DRAIN LINES INSTALLED SUCH THAT THE CROWN IS AT A DEPTH OF 3'-0" OR LESS FROM FINISH GRADE.

29. FLOWS FROM DEWATERING EFFORTS SHALL NOT BE DISCHARGED TO SANITARY OR COMBINED SEWERS.

30. ANY EXISTING STRUCTURES, STORM DRAIN LINES OR CULVERTS DAMAGED DURING CONSTRUCTION THAT ARE TO REMAIN IN SERVICE SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER, EXCEPT WHEN IN DIRECT CONFLICT WITH THE NEW SEWER OR WHERE NOT SHOWN OR INDICATED.

SITE GRADING NOTES

1. STRIPPING OF TOPSOIL (LOAM) SHALL BE IN ACCORDANCE WITH SPECIFICATION.

2. ALL ROAD AND PARKING AREA SURFACES SHALL PITCH 1/4 INCH PER FOOT MINIMUM UNLESS OTHERWISE NOTED.

3. ALL AREAS THAT ARE EXCAVATED, FILLED, OR OTHERWISE DISTURBED BY THE CONTRACTOR SHALL BE LOAMED, GRADED, LIMED, FERTILIZED, SEEDED AND MULCHED, UNLESS OTHERWISE NOTED. THE TOP 4 INCHES OF SOIL SHALL BE LOAM.

4. THE CONTRACTOR SHALL PROVIDE PROPER EROSION CONTROL AND DRAINAGE MEASURES IN ALL AREAS OF WORK, AND CONFINE SOIL SEDIMENT TO WITHIN THE LIMITS OF EXCAVATION AND GRADING. PRIOR TO BEGINNING EXCAVATION WORK, EROSION CONTROL FENCE SHALL BE INSTALLED AT THE DOWN GRADIENT PERIMETER OF THE ACTUAL LIMITS OF GRUBBING AND/OR GRADING, AND AS SHOWN ON THE DRAWINGS. EROSION CONTROL MEASURES SHOWN ON THE DRAWINGS ARE A MINIMUM, CONTRACTOR SHALL TAKE ALL OTHER NECESSARY MEASURES. EROSION CONTROL FENCE SHALL ALSO BE INSTALLED AT THE DOWN GRADIENT PERIMETER OF THE TOPSOIL STOCKPILES. ALL DISTURBED EARTH SURFACES SHALL BE STABILIZED IN THE SHORTEST PRACTICAL TIME AND TEMPORARY EROSION CONTROL DEVICES SHALL BE EMPLOYED UNTIL SUCH TIME AS ADEQUATE SOIL STABILIZATION HAS BEEN ACHIEVED. TEMPORARY STORAGE OF EXCAVATED MATERIAL SHALL BE STABILIZED IN A MANNER THAT WILL MINIMIZE EROSION. ALL INSTALLED EROSION CONTROL FACILITIES SHALL BE REMOVED AT THE END OF THE PROJECT.

5. ALL STORM DRAINAGE INLETS SHALL BE PROTECTED BY HAY BALE FILTERS TO PREVENT ENTRY OF SEDIMENT FROM RUNOFF WATERS DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL COLLECTED SEDIMENT, AND THAT WHICH COLLECTS IN THE STORM DRAIN SYSTEM.

6. CONTRACTOR SHALL CONTROL DUST ON THE CONSTRUCTION SITE TO A REASONABLE LIMIT, AS DETERMINED BY THE ENGINEER, AND AS OUTLINED IN SPECIFICATION.

7. CONTRACTOR SHALL NOT TRACK OR SPILL EARTH, DEBRIS OR OTHER CONSTRUCTION MATERIAL ON PUBLIC OR PRIVATE STREETS AND PLANT DRIVES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE ASSOCIATED CLEAN UP.

8. WHERE EXISTING PAVEMENT IS REMOVED AND REPLACED, MATCH EXISTING GRADES TO THE EXTENT POSSIBLE. COORDINATE FINE GRADING WITH THE ENGINEER.

SITE LAYOUT

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LAYOUT OF ALL PROPOSED WORK AS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THIS PROVIDED LAYOUT INFORMATION THROUGHOUT THE COURSE OF CONSTRUCTION. REPORT ANY LAYOUT DISCREPANCIES IMMEDIATELY TO THE ENGINEER.

2. THE LOCATION AND LIMITS OF ALL ON-SITE WORK AND STORAGE AREAS SHALL BE REVIEWED/COORDINATED WITH, AND ACCEPTABLE TO, THE OWNER AND ENGINEER. THE CONTRACTOR SHALL LIMIT HIS ACTIVITIES TO THESE AREAS.

EXISTING SITE NOTES

1. THE LOCATIONS OF UNDERGROUND UTILITIES AND STRUCTURES, AS SHOWN ON THE DRAWINGS, ARE APPROXIMATE AND MAY NOT BE COMPLETE. THE LOCATION OF EXISTING UNDERGROUND UTILITIES ARE BASED ON PREVIOUS CONSTRUCTION DESIGN PLANS, WHICH ARE AVAILABLE FOR INSPECTION AT THE ENGINEER'S OFFICE. NO GUARANTEE IS MADE THAT UTILITIES OR STRUCTURES WILL BE ENCOUNTERED WHERE SHOWN OR THAT ALL UNDERGROUND UTILITIES AND STRUCTURES ARE SHOWN. ALL LOCATIONS AND SIZES OF EXISTING UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD WITH TEST PITS AS REQUIRED PRIOR TO BEGINNING CONSTRUCTION OF NEW FACILITIES OR PIPING THAT MAY BE AFFECTED. THE CONTRACTOR WILL REALIGN NEW PIPE LOCATIONS AS REQUIRED TO CONFORM TO EXISTING LINES AND AS APPROVED BY THE ENGINEER.

2. CONTRACTOR TO NOTE THAT, IN GENERAL, ALL EXISTING CONDITION INFORMATION ON THE DRAWINGS ARE SHOWN WITH A LIGHTER LINE WEIGHT AND WITH A SLANTED TYPE TEXT.

3. UNLESS OTHERWISE NOTED, THERE IS NO KNOWN ASBESTOS WITHIN THE AREA OF WORK. IF THE PRESENCE OF ASBESTOS IS DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER IMMEDIATELY. DISPOSAL OF ASBESTOS SHALL BE IN ACCORDANCE WITH STATE OF MAINE REGULATIONS.

SURVEY NOTES

1. EXISTING TOPOGRAPHICAL INFORMATION SHOWN IS BASED ON AN AERIAL SURVEY PERFORMED ON NOVEMBER 3, 2025 BY WRIGHT-PIERCE UTILIZING A DJI MATRICE 210 & ZENMUSE X4S CAMERA. DATA WAS POST-PROCESSED UTILIZING GPS RTK MAINE DOT NETWORK SOLUTIONS ON GCP'S & PIX4D, RESULTING IN AN AVERAGE GROUND SAMPLING DISTANCE OF 0.049 FT & MEAN RMS ERROR OF 0.029 FT.

2. THE PROJECT IS ORIENTED TO GRID NORTH, NORTH AMERICAN DATUM OF 1983(2011), MAINE STATE PLANE COORDINATE SYSTEM, WEST ZONE-US FOOT.

3. VERTICAL DATUM IS REFERENCED TO NAVD88 PER ABOVE SAID GPS NETWORK.

4. ADDITIONAL TOPO POINTS WERE TAKEN WITH A LEICA TS12 TOTAL STATION INSIDE THE CORNER OF THE BUILDING.

5. UTILITIES SUCH AS SEWER, STORM AND WATER STRUCTURES WERE LOCATED WITH LEICA GS16 GPS UNIT UTILIZING THE ABOVE SAID RTK NETWORK.

6. RECORD DWG DATA WAS UTILIZED FOR PIPING BELOW GRADE.

PROJECT BENCHMARKS

PROJECT BENCHMARK #1: TOP NW CONCRETE LIGHT POLE BASE. ELEV: 292.46'(NAVD88)
PROJECT BENCHMARK #2: TOP NE CONCRETE LIGHT POLE BASE. ELEV: 290.85'(NAVD88)

NO	REVISIONS	APP'D	DATE
1			
2			
3			
4			
5			

PROJECT NO: 22410
DESIGNED: N.EDWARDS
CAD COORD: R.BEISAW
CAD: R.BEISAW
CHECKED: N.EDWARDS
DATE: 05-2026
APPROVED: J.WIEGMAN
DATE: 05-2026
SUBMISSION: CONTRACT DRAWINGS

STATE OF MAINE
JAN B.S. WIEGMAN
No. 5852
PROFESSIONAL ENGINEER
5/7/2026

WRIGHT-PIERCE
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CMCC HEALTHCARE TRAINING EXPANSION
1250 TURNER STREET, AUBURN, MAINE

GENERAL NOTES

DRAWING
C-001

LAST SAVED BY: RYAN.BEISAW 1/13/2026 1:34 PM

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EXISTING CONDITIONS LEGEND

- PROPERTY / ROW LINE
- SETBACK LINE
- EASEMENT LINE
- CENTERLINE
- EDGE OF PAVEMENT
- CURBING
- EDGE OF GRAVEL
- EDGE OF CONCRETE
- CONTOUR NORMAL (11)
- CONTOUR HIGH (10)
- BUILDING
- WATER/WASTEWATER STRUCTURE
- STONEWALL
- TREELINE
- CHAIN LINK FENCE
- STOCKADE FENCE
- BARB WIRE FENCE
- RETAINING WALL
- GUARDRAIL
- TOP OF BANK
- EDGE OF WETLANDS
- 100' WETLAND BUFFER
- 200' WETLAND BUFFER
- EDGE OF WATER
- STREAM
- FLOODPLAIN
- DRAINAGE FLOW
- DRAINAGE SWALE
- RAILROAD
- ROCK OUTCROP
- RIPRAP
- EXISTING EARTH
- EXISTING LEDGE
- JERSEY BARRIER (JB)
- IRON PIPE / REBAR
- DRILL HOLE
- MONUMENT
- SURVEY CONTROL
- TEMPORARY BENCHMARK
- CONIFEROUS TREE
- DECIDUOUS TREE
- PALM TREE
- SHRUB
- STUMP
- WETLAND FLAG (WF)
- WETLANDS
- BOLLARD
- SQUARE POST
- ROUND POST
- FLAG POLE
- MAIL BOX (MB)
- PAPER BOX (PB)
- SIGN
- PARKING METER (PM)
- PAVEMENT MARKINGS
- TEST PIT (TP)
- TEST BORING (B)
- TEXT PROBE (P)
- MONITORING WELL (MW)

EXISTING UTILTIES

- UNDERGROUND CABLE TV (CATV)
- UNDERGROUND FIBER OPTIC (UGFO)
- UNDERGROUND TELEPHONE (UGT)
- OVERHEAD ELECTRICAL (OHE)
- UNDERGROUND ELECTRICAL (UGE)
- GAS (G) 6" XX
- OIL 6" XX
- STEAM 6" XX
- SEWER (S) 6"
- LOW PRESSURE SEWER (LPS) 6"
- SEWER FORCE MAIN (FM) 6"
- STORM DRAIN (SD) 6"
- CULVERT 6" XX
- UNDERDRAIN (UD) 6"
- WATER (W) 6"
- PIPING (15" +) 15" XX
- PIPING (PREVIOUSLY ABANDONED) 6" XX
- PIPING TO BE DEMOLISHED 6" XX
- CABLE TV SERVICE BOX (CATV)
- TELEPHONE MANHOLE (T)
- TELEPHONE PEDESTAL (TEL)
- ELECTRICAL MANHOLE (E)
- ELECTRICAL HAND HOLD (EHH)
- ELECTRICAL TRANSFORMER (TFMR)
- ELECTRICAL METER (EM)
- UTILITY POLE
- UTILITY POLE W/FIRE BOX
- UTILITY POLE W/GUIDE WIRE
- UTILITY POLE W/LIGHT
- UTILITY POLE W/DOUBLE LIGHT
- LIGHT POLE
- GAS SERVICE SHUTOFF
- GAS GATE VALVE
- SEWER MANHOLE (SMH)
- SEWER CLEANOUT (SCO)
- SEWER VALVE
- CATCH BASIN (CB)
- DRAIN MANHOLE (DMH)
- WATER GATE VALVE
- WATER SERVICE SHUTOFF
- YARD HYDRANT
- HYDRANT

PROPOSED LEGEND

- PROPERTY/ROW LINE
- SETBACK LINE
- EASEMENT LINE
- CENTERLINE
- EDGE OF PAVEMENT
- CURBING
- EDGE OF GRAVEL
- EDGE OF CONCRETE
- CONTOUR (123)
- BUILDING
- STONEWALL
- TREELINE
- CHAIN LINK FENCE
- STOCKADE FENCE
- BARB WIRE FENCE
- RETAINING WALL
- GUARDRAIL
- SEWER (S) 8" — 15" S
- SEWER FORCE MAIN (FM) 6" — 15" FM
- LOW PRESSURE SEWER (LPS) 4"
- GAS (G) 4"
- WATER (W) 6" — 15" W
- STORM DRAIN (SD) 12" — 15" SD
- UNDERDRAIN 6" UD
- CULVERT 12" CMP
- UNDERGROUND ELECTRIC (UGE)
- OVERHEAD ELECTRIC (OHE)
- UNDERGROUND TELEPHONE (UGT)
- UNDERGROUND CABLE TV (CATV)
- IRON PIPE/REBAR
- DRILLHOLE
- MONUMENT
- SPOT ELEVATION x 134.5
- SEWER MANHOLE (SMH)
- DRAINAGE MANHOLE (DMH)
- CATCH BASIN (CB)
- ELECTRIC MANHOLE (EMH)
- TELEPHONE MANHOLE (TMH)
- SHUTOFF VALVE
- WATER SERVICE SHUTOFF
- YARD HYDRANT
- HYDRANT
- UTILITY POLE
- UTILITY POLE W/ GUY
- UTILITY POLE W/ LIGHT
- LIGHT POLE
- BOLLARD
- FLAGPOLE
- CONIFEROUS TREE
- DECIDUOUS TREE
- SHRUB
- DRAINAGE FLOW
- DRAINAGE SWALE
- PAVEMENT MARKINGS
- TEMPORARY BENCH MARK
- TEST PIT
- LIMIT OF WORK
- SILT FENCE
- RIPRAP
- RAILROAD
- MATCHLINE
- HEAVY DUTY PAVEMENT
- NORMAL DUTY PAVEMENT
- WALKWAY PAVEMENT

CIVIL ABBREVIATIONS

&	AND
Ø, DIA	DIAMETER
#, NO	NUMBER
AC	ASBESTOS CEMENT
APP'D	APPROVED
BR	BRICK
BLDG	BUILDING
CB	CATCH BASIN
CEN	CENTER
CFS	CUBIC FEET PER SECOND
CI	CAST IRON
CIPP	CURED-IN-PLACE-PIPE
CL	CENTERLINE
CMP	CORRUGATED METAL PIPE
CO	CLEANOUT
CONC	CONCRETE
COR	CORNER
CPE	CORRUGATED POLYETHYLENE PIPE
CY	CUBIC YARD
DEMO	DEMOLITION
DMH	DRAIN MANHOLE
DI	DUCTILE IRON
DR	DRAIN
DWG	DRAWING
EL	ELEVATION
EMH	ELECTRIC MANHOLE
FM	FORCE MAIN
FT	FEET
G	GAS
HDPE	HIGH DENSITY POLYETHYLENE
HYD	HYDRANT
IN	INCH
INF	INFLUENT
INV	INVERT
LB	POUNDS
LF	LINEAR FOOT
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
MW	MONITORING WELL
N	NORTH
NGVD	NATIONAL GEODETIC VERTICAL DATUM
N/A	NOT AVAILABLE/APPLICABLE
NTS	NOT TO SCALE
OD	OUTSIDE DIAMETER
OUT	OUTFALL
PC	PERFORATED CLAY
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PS	PRIMARY SLUDGE
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
RCP	REINFORCED CONCRETE PIPE
RD	ROOF DRAIN
REQ'D	REQUIRED
S	SLOPE, SEWER
SD	STORM DRAIN
SF	SQUARE FEET
SMH	SANITARY SEWER MANHOLE
SQ	SQUARE
STA	STATION
T, XFMR	TRANSFORMER
TBM	TEMPORARY BENCH MARK
THK	THICKNESS
TOS	TOP OF STRUCTURE
TYP	TYPICAL
UD	UNDERDRAIN
UG	UNDERGROUND
UGE	UNDERGROUND ELECTRIC
VC	VITRIFIED CLAY
VF	VERTICAL FOOT
W/	WITH
W	POTABLE WATER

NO	REVISIONS	APP'D	DATE
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PROJECT NO: 22410
DESIGNED: N.EDWARDS
CAD COORD: R.BEISAW
CAD: R.BEISAW
CHECKED: N.EDWARDS
DATE: 05-2026
APPROVED: J.WIEGMAN
DATE: 05-2026
SUBMISSION: CONTRACT DRAWINGS

STATE OF MAINE
JAN B.S. WIEGMAN
No. 5852
PROFESSIONAL ENGINEER
LICENSED
5/7/2026

WRIGHT-PIERCE
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CENTRAL MAINE COMMUNITY COLLEGE
CMCC HEALTHCARE TRAINING EXPANSION
1250 TURNER STREET, AUBURN, MAINE

LEGEND & ABBREVIATIONS

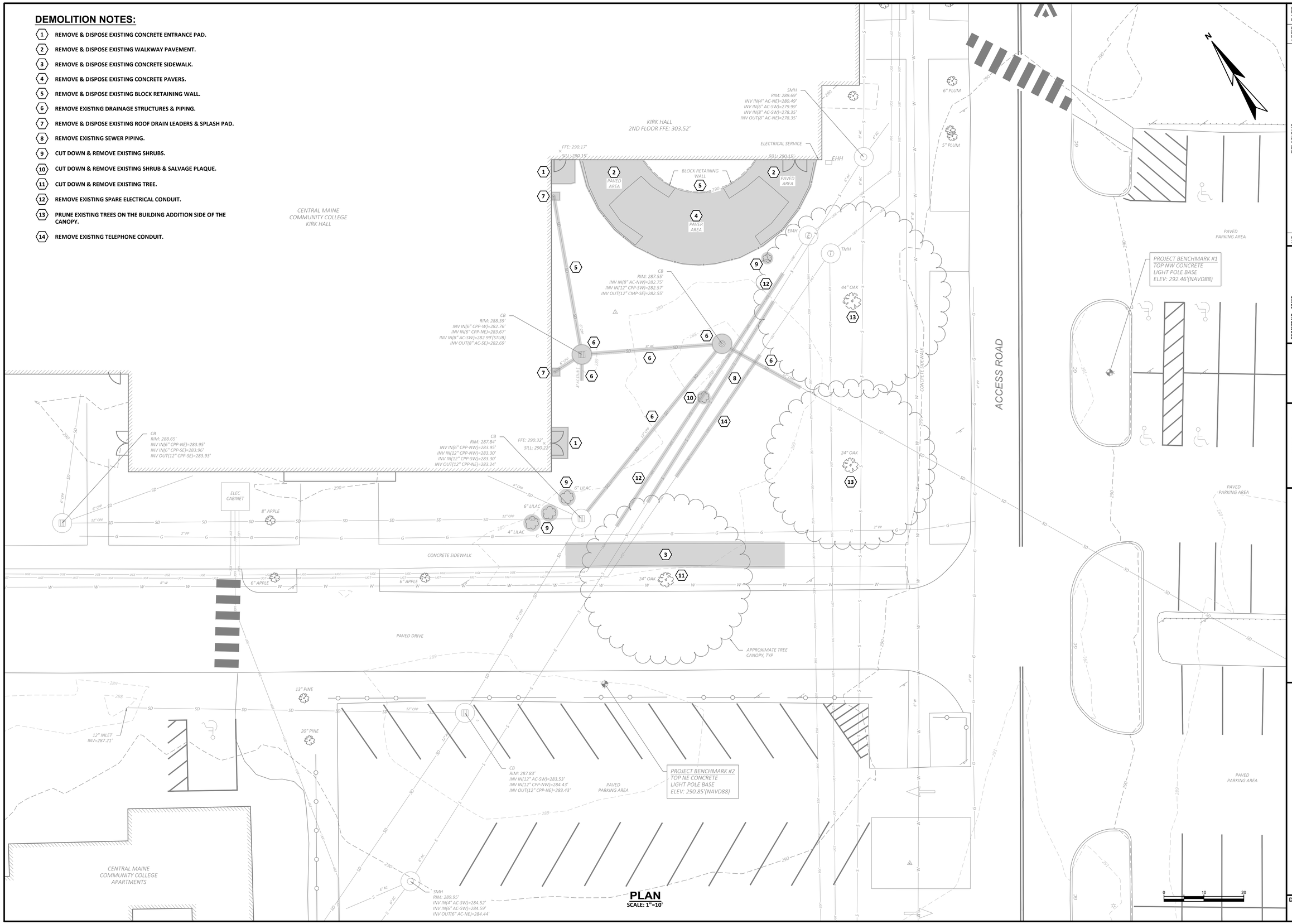
DRAWING
C-002

LAST SAVED BY: RYAN.BEISAW 1/13/2026 12:15 PM

J:\ENG\WE\CENTRALMECOMMCOLL\22410-HEALTHTRAININGEXPANSION_DRAWINGS\CIV\22410-CS-GENLEGEND.DWG | 22410-CS-GenLegend | 1:2.5849 | — | 5/7/2026 11:03:21 AM | CHRISTOPHER.HINKLEY

DEMOLITION NOTES:

1. REMOVE & DISPOSE EXISTING CONCRETE ENTRANCE PAD.
2. REMOVE & DISPOSE EXISTING WALKWAY PAVEMENT.
3. REMOVE & DISPOSE EXISTING CONCRETE SIDEWALK.
4. REMOVE & DISPOSE EXISTING CONCRETE PAVERS.
5. REMOVE & DISPOSE EXISTING BLOCK RETAINING WALL.
6. REMOVE EXISTING DRAINAGE STRUCTURES & PIPING.
7. REMOVE & DISPOSE EXISTING ROOF DRAIN LEADERS & SPLASH PAD.
8. REMOVE EXISTING SEWER PIPING.
9. CUT DOWN & REMOVE EXISTING SHRUBS.
10. CUT DOWN & REMOVE EXISTING SHRUB & SALVAGE PLAQUE.
11. CUT DOWN & REMOVE EXISTING TREE.
12. REMOVE EXISTING SPARE ELECTRICAL CONDUIT.
13. PRUNE EXISTING TREES ON THE BUILDING ADDITION SIDE OF THE CANOPY.
14. REMOVE EXISTING TELEPHONE CONDUIT.



PLAN
SCALE: 1"=10'

NO	REVISIONS	APP'D	DATE
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EXISTING CONDITIONS & DEMOLITION PLAN

DRAWING
C-101

LAST SAVED BY: CHRISTOPHER.HINKLEY 5/7/2026 10:58 AM

J:\ENGVME\CENTRALMECOMMCOL\22410-HEALTHTRAININGEXPANSION_DRAWINGS\CIV\22410-CS-EXISTCOND.DWG | 22410-CS-EXISTCOND.DWG | 12.5849 | --- | 5/7/2026 11:03:27 AM | CHRISTOPHER.HINKLEY

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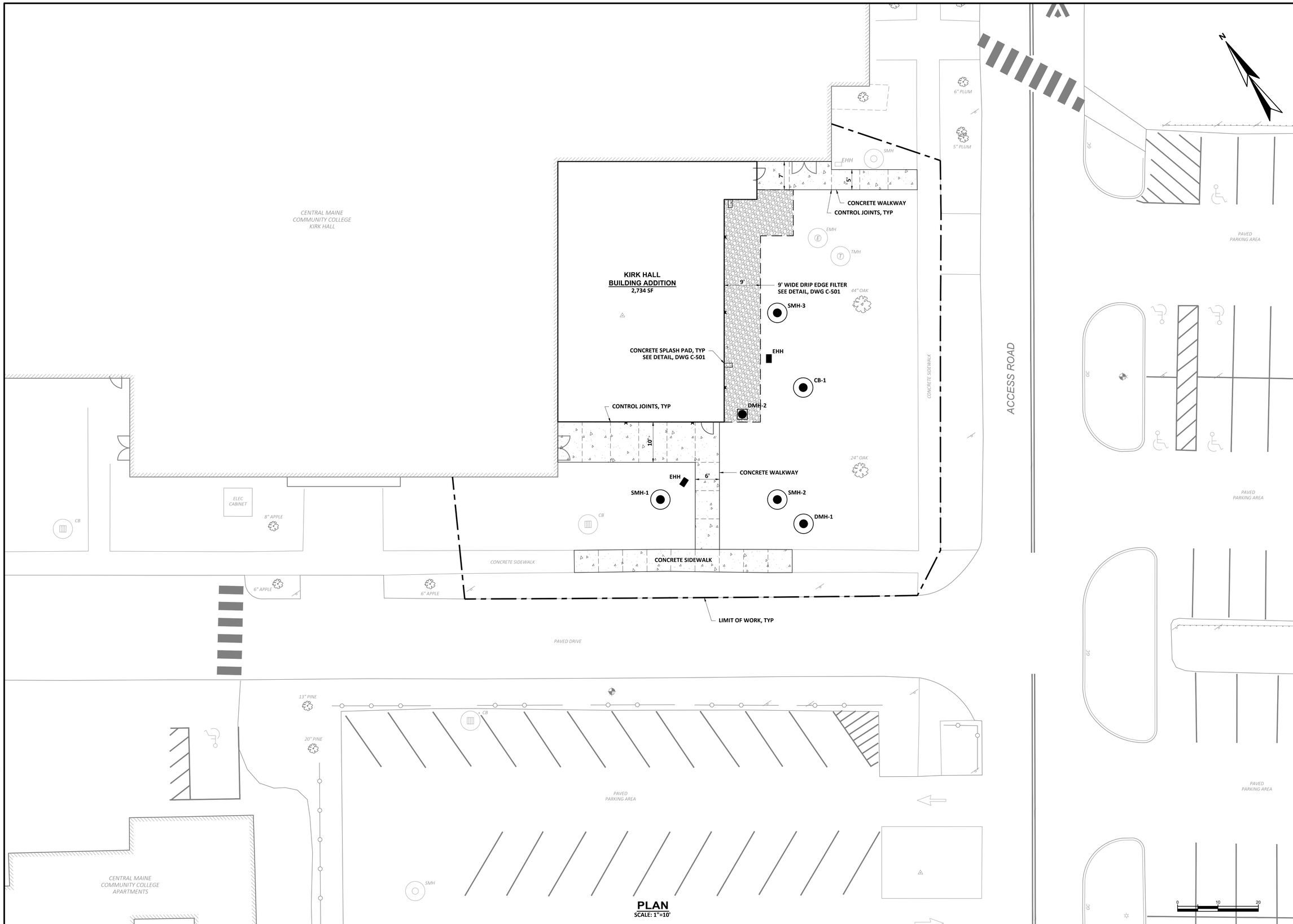

PLAN
SCALE: 1"=10'

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NO	REVISIONS	APP'D	DATE
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PROJECT NO: 22410
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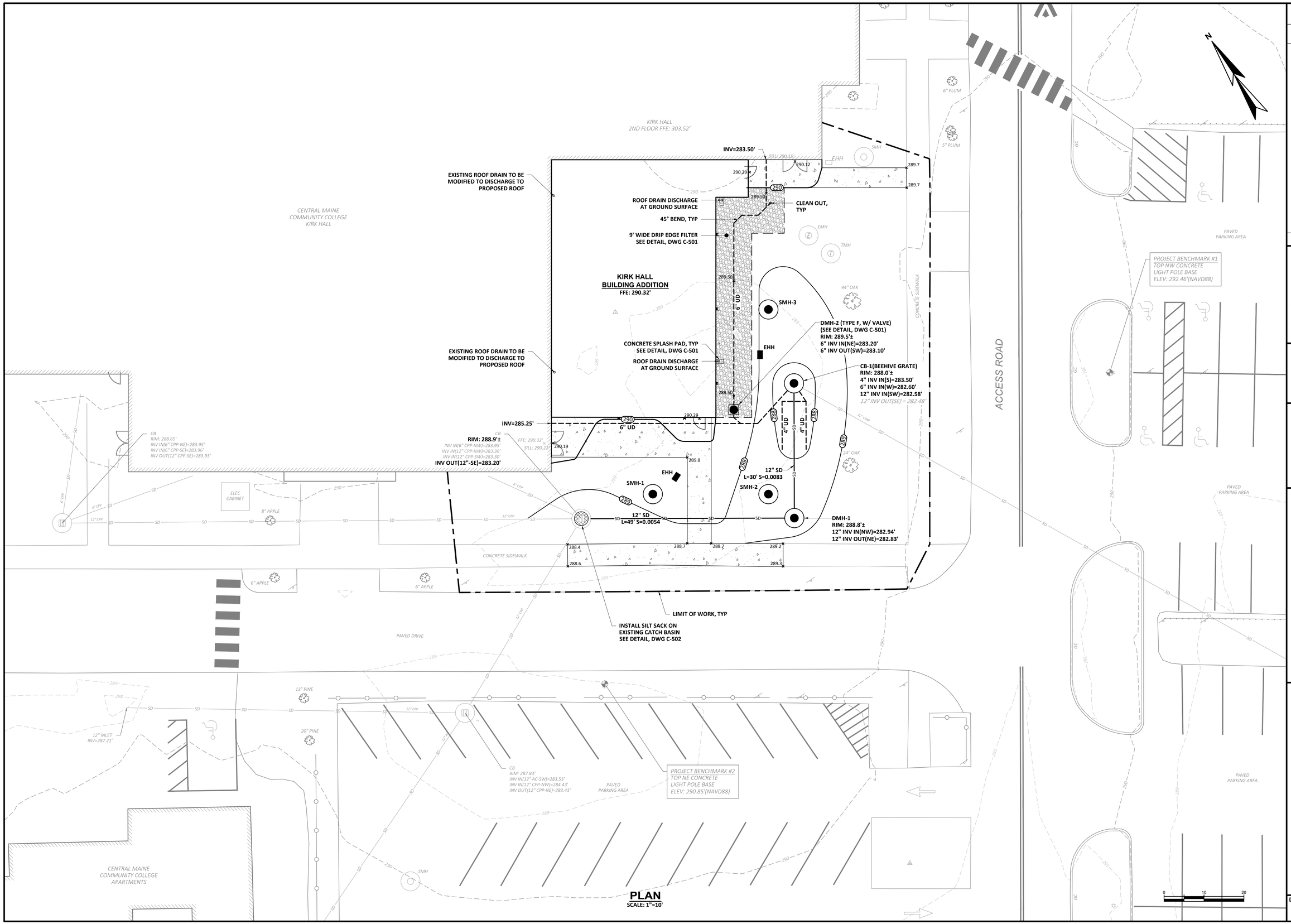
1250 TURNER STREET, AUBURN, MAINE

SITE PLAN

DRAWING
C-102

LAST SAVED BY: CHRISTOPHER.HINKLEY 5/7/2026 10:59 AM

J:\ENG\ME\CENTRALMECOMMCOLL\22410-HEALTHTRAININGEXPANSION_DRAWINGS\CIV\22410-CS-GRADINGDRAINAGE.DWG | 22410-CS-GradingDrainage | 12.5849 | — | 5/7/2026 11:03:48 AM | CHRISTOPHER.HINKLEY



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PROJECT NO: 22410
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APPROVED: J.WIEGMAN
DATE: 05-2026
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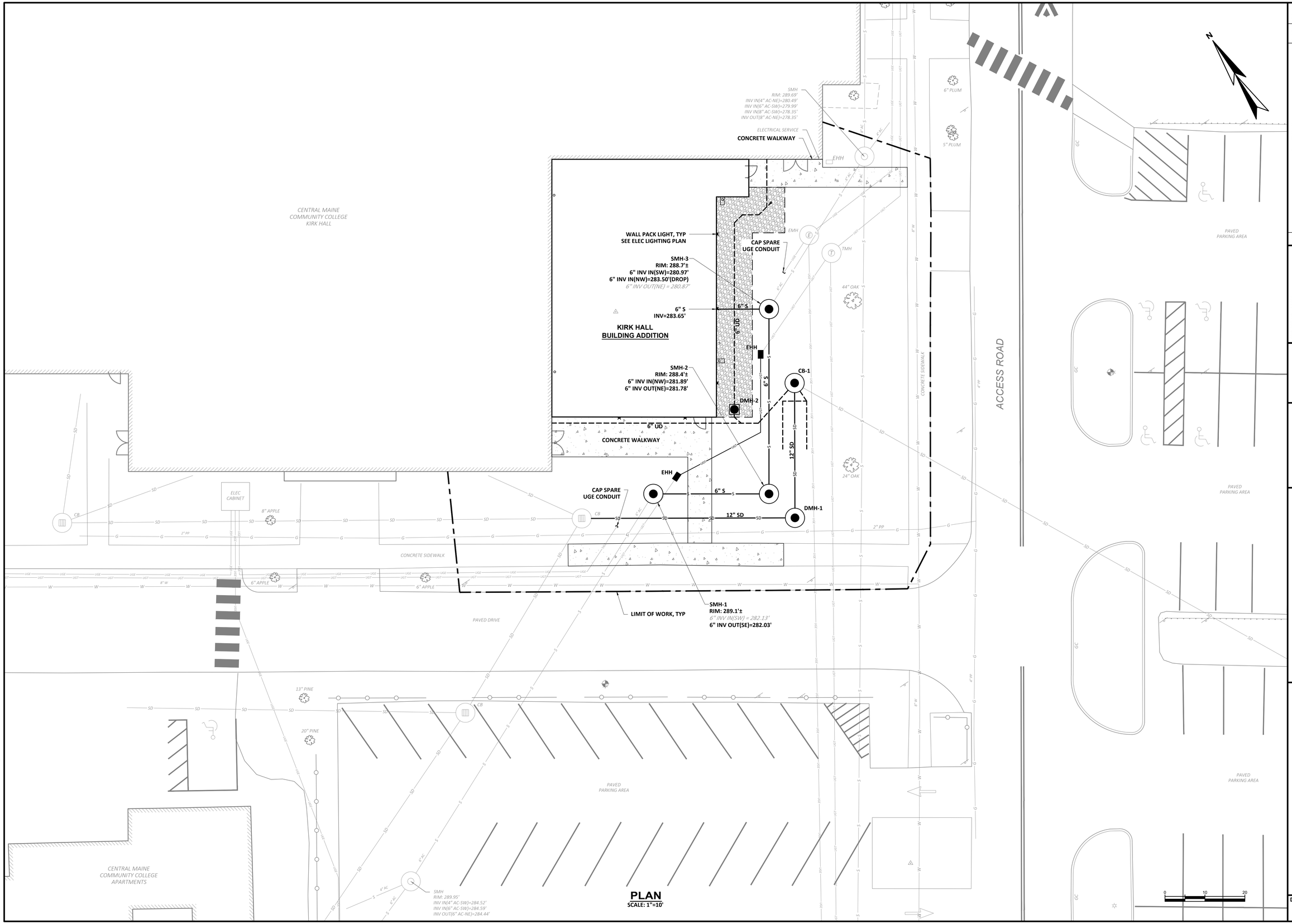
CENTRAL MAINE COMMUNITY COLLEGE
CMCC HEALTHCARE TRAINING EXPANSION
1250 TURNER STREET, AUBURN, MAINE

GRADING & DRAINAGE PLAN

DRAWING
C-103

LAST SAVED BY: CHRISTOPHER.HINKLEY 5/7/2026 11:01 AM



PLAN
SCALE: 1"=10'

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PROJECT NO: 22410
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CENTRAL MAINE COMMUNITY COLLEGE
CMCC HEALTHCARE TRAINING EXPANSION
1250 TURNER STREET, AUBURN, MAINE

SITE UTILITY PLAN

DRAWING
C-104

J:\ENGW\CENTRALMECOMMCOLL\22410-HEALTHTRAININGEXPANSION_DRAWINGS\CIV\22410-CS-SITEUTILITY.DWG | 22410-CS-SiteUtility | 12.5849 | — | 5/7/2026 11:03:58 AM | CHRISTOPHER.HINKLEY

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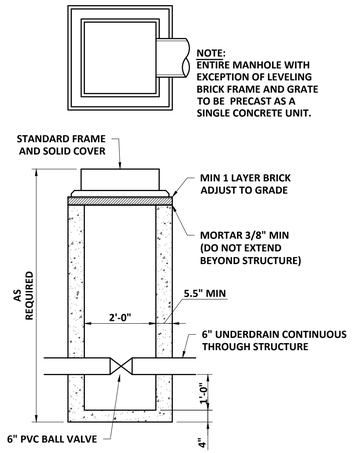
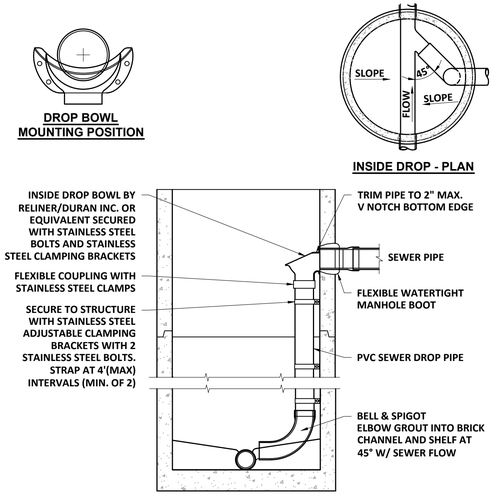


NOTE:
DRIP EDGE FILTER TO BE FLOODED TO SURFACE AND VALVE ADJUSTED FOR A DRAIN TIME OF 24 TO 48 HOURS.

2'x2' DRAIN MANHOLE (TYPE F) WITH VALVE

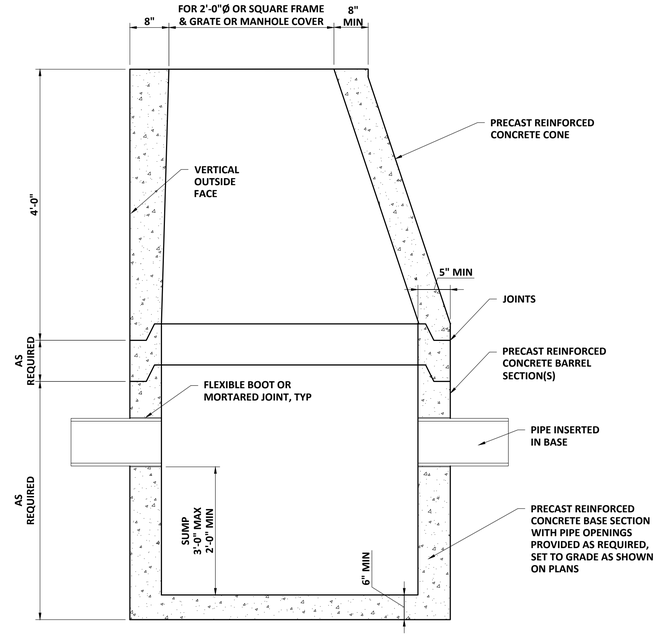
SCALE: NTS



NOTE:
ALL INSIDE DROP CONNECTIONS FOR SERVICES AND COLLECTOR SEWERS SHALL USE THE DROP BOWL AS SHOWN.

INSIDE DROP MANHOLE DETAIL WITH DROP BOWL

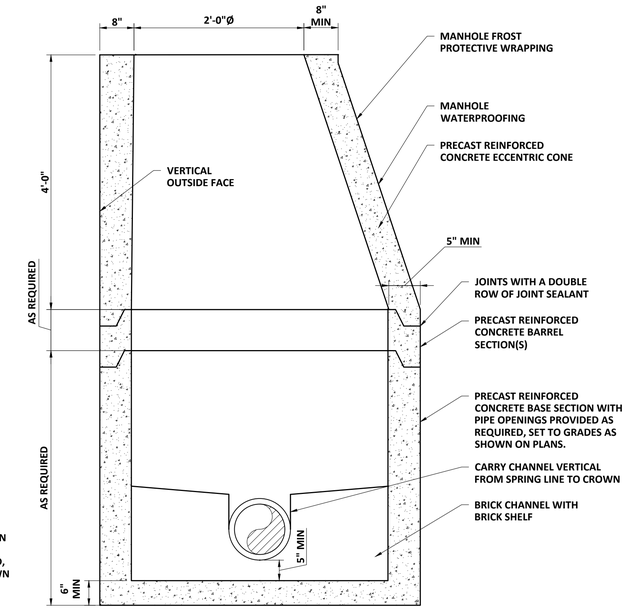
SCALE: NTS



NOTE:
USE FLAT SLAB TOP CATCH BASIN WHERE REQUIRED TO MATCH GRADE

4-FT CATCH BASIN & DRAIN MANHOLE

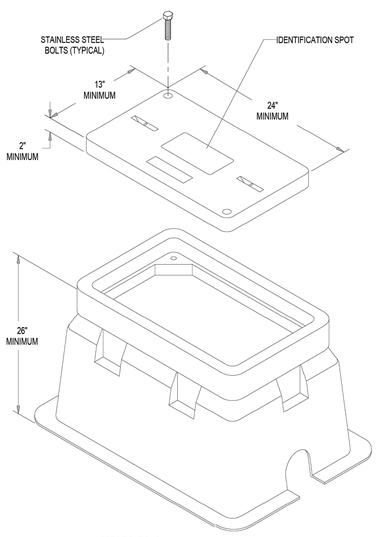
SCALE: NTS



NOTES:
1. MANHOLE CHANNELS REQUIRING A CHANGE IN DIRECTION ARE TO BE BUILT ON A SMOOTH CURVE OF THE LONGEST POSSIBLE RADIUS. IF SIDE PIPES ENTER CHANNEL, SHAPE TO RECEIVE ADDED SIDE FLOW.
2. USE A FLAT SLAB TOP MANHOLE WHEN THE HEIGHT DIFFERENCE BETWEEN THE HIGHEST INVERT AND RIM IS LESS THAN 6'-0" AND WHEN MANHOLE DIAMETER IS GREATER THAN 4'-0".

TYPICAL 4-FT SEWER MANHOLE

SCALE: "NTS"

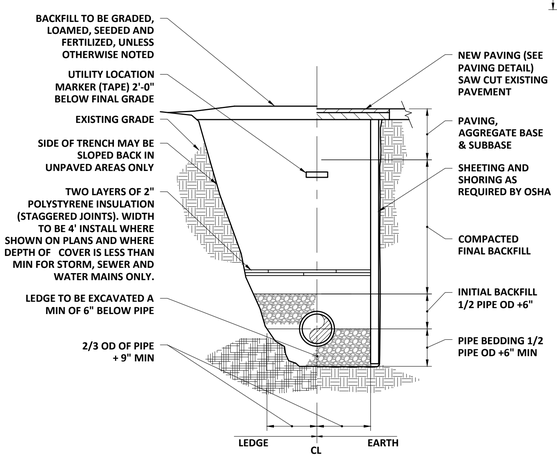


SPECIFICATIONS:

1. CONCRETE: POLYMER CONCRETE HAS A DESIGN STRENGTH OF 20,000 P.S.I.
2. STEEL REINFORCEMENT: WELDED WIREMESH (WWM).
3. COVER: ASTM C-857, 5 TON GROSS VEHICLE WEIGHT (GVW) AND 10 TON GROSS VEHICLE WEIGHT (GVW).

ELECTRIC HAND HOLE

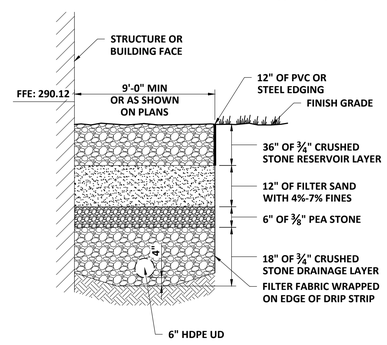
SCALE: 'NTS'



NOTES:
1. ALL EXCAVATION MUST MEET OSHA STANDARDS.
2. INSTALL 3 FOOT LONG IMPERVIOUS MATERIAL DAM IN BEDDING/INITIAL BACKFILL MATERIAL EVERY 100' AND WHERE SHOWN ON PLANS TO PREVENT TRENCH GROUNDWATER FROM BEING CHANNELED ALONG BEDDING/INITIAL BACKFILL.
3. SEE SPECIFICATIONS FOR BEDDING AND BACKFILL REQUIREMENTS.
4. SEE SPECIFICATIONS FOR PAYMENT LIMITS ON UNIT PRICE WORK.

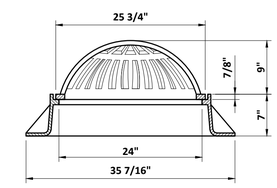
PIPE TRENCH

SCALE: "NTS"



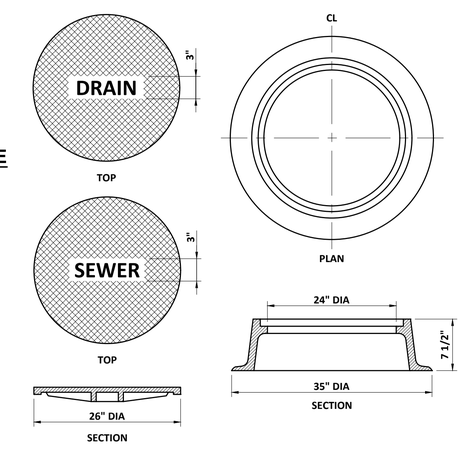
DRIP EDGE FILTER

SCALE: "NTS"



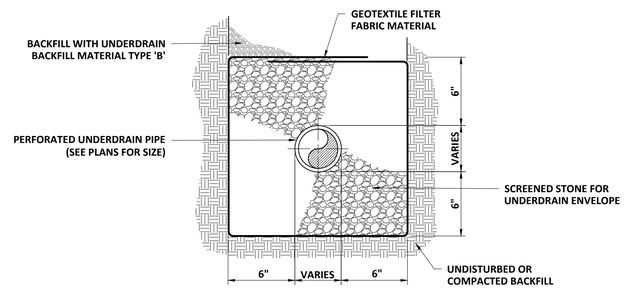
HIGH BEEHIVE GRATE & FRAME

SCALE: "NTS"



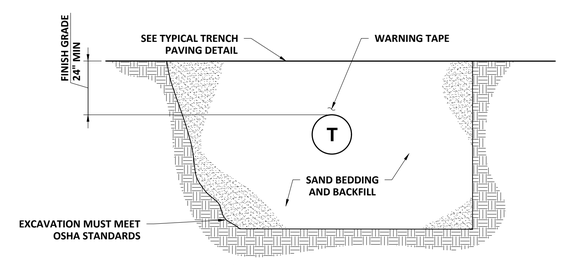
MANHOLE STANDARD COVER AND FRAME

SCALE: NTS



UNDERDRAIN BEDDING

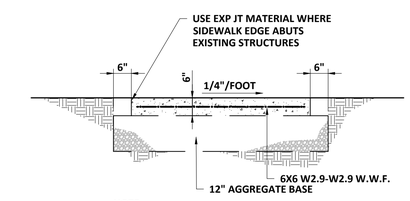
SCALE: NTS



NOTES:
1. ALL CONDUITS TO BE PVC OR STEEL MEETING THE REQUIREMENTS OF THE NEC. RECORD DRAWINGS INDICATE 4" CONDUIT. CONTRACTOR TO CONFIRM SIZE AND MATCH EXISTING.
2. CONCRETE ENCASE CONDUITS UNDER STREETS AND WHERE REQUIRED AS NOTED IN THE SPECIFICATIONS.

SINGLE TELECOMMUNICATIONS CONDUIT TRENCH SECTION

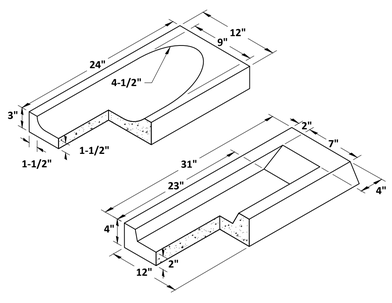
SCALE: NTS



NOTE:
1. SAWCUT CONTROL JOINTS AT 7'-0" CENTERS (2" DEEP).
2. LIGHT BROOM FINISH WITH NO WINDOW PANING.

CONCRETE SIDEWALK

SCALE: NTS



CONCRETE SPLASH PAD

SCALE: NTS

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STATE OF MAINE JAN B.S. WIEGMAN No. 5852 LICENSED PROFESSIONAL ENGINEER 5/7/2026

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CENTRAL MAINE COMMUNITY COLLEGE
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1250 TURNER STREET, AUBURN, MAINE

DETAILS

DRAWING
C-501

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EROSION AND SEDIMENTATION CONTROL NOTES

THIS PLAN HAS BEEN DEVELOPED AS A STRATEGY TO CONTROL SOIL EROSION AND SEDIMENTATION DURING AND AFTER CONSTRUCTION. THIS PLAN IS BASED ON THE STANDARDS AND SPECIFICATIONS FOR EROSION PREVENTION IN DEVELOPING AREAS IN ACCORDANCE WITH OCTOBER 2016 REVISION TO THE 2003 MAINE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPS) MANUAL FOR DESIGNERS AND ENGINEERS, OR LATEST EDITION. EROSION CONTROL MIX SHALL BE AS SPECIFIED IN THIS CITATION, PAGE 40.

THE PROPOSED LOCATIONS OF SILTATION AND EROSION CONTROL STRUCTURES ARE SHOWN ON THE SITE PLAN.

1. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE DONE IN ACCORDANCE WITH 2016 REVISION TO THE 2003 MAINE EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONTRACTORS, OR LATEST EDITION. ALL TEMPORARY MEASURES SHALL NOT BE REMOVED UNTIL SITE IS FULLY STABILIZED.
2. IN AREAS ADJACENT TO NATURAL RESOURCES, LOCATIONS TO BE VEGETATED IN THEIR FINISH CONDITION SHALL BE STABILIZED WITH MULCH WITHIN 7 DAYS OF MOST RECENT DISTURBANCE.
3. AREAS THAT WILL NOT RECEIVE FINAL GRADING FOR UP TO ONE YEAR SHALL BE STABILIZED WITH MULCH WITHIN 7 DAYS OF MOST RECENT DISTURBANCE.
4. THOSE AREAS UNDERGOING ACTUAL CONSTRUCTION WILL BE MAINTAINED IN AN UNTREATED OR UNVEGETATED CONDITION FOR THE MINIMUM TIME REQUIRED. IN GENERAL AREAS TO BE VEGETATED SHALL BE PERMANENTLY STABILIZED WITHIN 15 DAYS OF FINAL GRADING AND TEMPORARILY STABILIZED WITHIN 30 DAYS OF INITIAL DISTURBANCE OF THE SOIL.
5. SEDIMENT BARRIERS (SILT FENCE, STONE CHECK DAMS, ETC.) SHOULD BE INSTALLED PRIOR TO ANY SOIL DISTURBANCE OF UPGRADIENT DRAINAGE AREAS. SEDIMENT BARRIERS SHALL BE INSTALLED DOWNGRADIENT OF STOCKPILES, AND STORMWATER SHALL BE PREVENTED FROM RUNNING ONTO THE STOCKPILES. PLASTIC SHEETING OR OTHER MATERIAL, WOVEN OR NON-WOVEN GEOTEXTILE FABRIC, MAY BE USED TO COVER STOCKPILES.
6. INSTALL SILT FENCE AT TOE OF SLOPES TO FILTER SILT FROM RUNOFF. SEE SILT FENCE DETAIL FOR PROPER INSTALLATION. SILT FENCE WILL REMAIN IN PLACE PER NOTE #5.
7. ALL EROSION CONTROL STRUCTURES WILL BE INSPECTED, REPLACED AND/OR REPAIRED EVERY 7 DAYS AND IMMEDIATELY FOLLOWING ANY SIGNIFICANT RAINFALL OR SNOW MELT OR WHEN NO LONGER SERVICEABLE DUE TO SEDIMENT ACCUMULATION OR DECOMPOSURE. IF REPAIRS ARE IDENTIFIED, THEY SHALL BEGIN NO LATER THAN THE END OF THE FOLLOWING WORK DAY AND BE COMPLETE WITHIN 7 DAYS FROM INSPECTION. SEDIMENT DEPOSITS MUST BE REMOVED WHEN THEY REACH APPROXIMATELY ONE HALF THE HEIGHT OF THE BARRIER. SEDIMENT CONTROL DEVICES SHALL REMAIN IN PLACE AND BE MAINTAINED BY THE CONTRACTOR UNTIL AREAS UPSLOPE ARE PERMANENTLY STABILIZED.
8. NO SLOPES, EITHER PERMANENT OR TEMPORARY, SHALL BE STEEPER THAN TWO HORIZONTAL TO ONE VERTICAL (2 TO 1) UNLESS STABILIZED WITH RIPRAP OR OTHER STRUCTURAL MEANS. NO SLOPES IN EXCESS OF 1.5H:1V SHALL BE ALLOWED UNLESS STAMPED BY A PROFESSIONAL ENGINEER.
9. IF FINAL SEEDING AND SODDING IS NOT EXPECTED PRIOR TO THE ANTICIPATED DATE OF THE FIRST KILLING FROST, USE TEMPORARY ANNUAL RYEGRASS SEEDING AND MULCHING ON ROUGH GRADED SUBSOIL TO PROTECT THE SITE AND DELAY PERMANENT LOAMING, FINE GRADING, AND SEEDING OR SODDING UNTIL SPRING.
10. WHEN FEASIBLE, TEMPORARY SEEDING OF DISTURBED AREAS THAT HAVE NOT BEEN FINISH GRADED SHALL BE COMPLETED 30 DAYS PRIOR TO THE FIRST KILLING FROST.
11. DURING THE CONSTRUCTION PHASE, INTERCEPTED SEDIMENT WILL BE RETURNED TO THE SITE AND REGRADED ONTO OPEN AREAS. POST SEEDING SEDIMENT, IF ANY, WILL BE DISPOSED OF IN AN ACCEPTABLE MANNER.
12. REVEGETATION MEASURES WILL COMMENCE UPON COMPLETION OF CONSTRUCTION EXCEPT AS NOTED ABOVE. ALL DISTURBED AREAS NOT OTHERWISE STABILIZED WILL BE GRADED, SMOOTHED, AND REVEGETATED.
13. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED ONCE THE SITE IS STABILIZED.
14. EXCAVATION AND EARTHWORK SHALL BE DONE SUCH THAT NO MORE THAN 1 ACRE OF THE SITE IS WITHOUT STABILIZATION AT ANY ONE TIME.
15. EXPOSED AREA SHOULD BE LIMITED SUCH THAT THE AREA CAN BE MULCHED IN ONE DAY PRIOR TO ANY SNOW EVENT.
16. STABILIZATION SCHEDULE BEFORE WINTER:

SEPTEMBER 1:	ALL SLOPES GREATER THAN 15% MUST BE SEEDED AND MULCHED. ALL GRASS-LINED DITCHES AND CHANNELS MUST BE CONSTRUCTED AND STABILIZED.
SEPTEMBER 15	ALL DISTURBED AREAS MUST BE SEEDED AND MULCHED. ALL SLOPES MUST BE STABILIZED, SEEDED AND MULCHED. SLOPES 3:1 OR GREATER TO BE STABILIZED WITH EROSION CONTROL MATTING AND SEEDED. ALL DISTURBED AREAS TO BE PROTECTED WITH AN ANNUAL GRASS MUST BE SEEDED AT A SEEDING RATE OF 3 POUNDS PER 1,000 SQUARE FEET AND MULCHED.
OCTOBER 1	ALL DISTURBED AREAS TO BE PROTECTED WITH WINTER RYE MUST BE APPLIED AT A RATE OF 3LB PER 1000 SQUARE FEET, AND WITH HAY APPLIED AT A RATE OF 75LB PER 1000 SQUARE FEET OR WITH AN EROSION CONTROL BLANKET.
OCTOBER 15:	SOIL MUST BE SEEDED WITH WINTER RYE AND PROTECTED WITH EROSION CONTROL BLANKET IF NOT YET STABILIZED.
NOVEMBER 1:	AREA SHOULD BE STABILIZED IF RYE HAS NOT GROWN THREE INCHES AND DOES NOT HAVE 75% COVERAGE.
NOVEMBER 15	ALL STONE-LINED DITCHES AND CHANNELS MUST BE CONSTRUCTED AND STABILIZED. SLOPES THAT ARE COVERED WITH RIPRAP MUST BE CONSTRUCTED BY THAT DATE.
DECEMBER 1	ALL DISTURBED AREAS WHERE THE GROWTH OF VEGETATION FAILS TO BE AT LEAST THREE INCHES TALL OR AT LEAST 75% OF THE DISTURBED SOIL IS COVERED BY VEGETATION, MUST BE PROTECTED FOR OVER-WINTER.

17. MULCH MAY REQUIRE ANCHORING TO ENSURE THAT MULCH REMAINS IN-PLACE. MULCH NETTING, CRIMPING, OR PUNCHING ARE ACCEPTABLE METHODS. MULCH NETTING SHALL BE TENAX RADIX EROSION CONTROL NETS OR APPROVED EQUAL, AND SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER REQUIREMENTS.
18. SPILL PREVENTION: CONTROLS MUST BE USED TO PREVENT POLLUTANTS FROM BEING DISCHARGED FROM MATERIALS AND EQUIPMENT ON-SITE, INCLUDING STORAGE PRACTICES TO MINIMIZE EXPOSURE OF THE MATERIALS TO STORMWATER, AND APPROPRIATE SPILL PREVENTION, CONTAINMENT, AND RESPONSE PLANNING AND IMPLEMENTATION.
19. GROUNDWATER PROTECTION: DURING CONSTRUCTION, LIQUID PETROLEUM PRODUCTS AND OTHER HAZARDOUS MATERIALS WITH THE POTENTIAL TO CONTAMINATE GROUNDWATER MAY NOT BE STORED OR HANDLED IN AREAS OF THE SITE DRAINING TO AN INFILTRATION AREA. AN "INFILTRATION AREA" IS ANY AREA OF THE SITE THAT BY DESIGN OR AS A RESULT OF SOILS, TOPOGRAPHY AND OTHER RELEVANT FACTORS, ACCUMULATES RUNOFF THAT INFILTRATES INTO THE SOIL. DIKES, BERMS, SUMPS, AND OTHER FORMS OF SECONDARY CONTAINMENT THAT PREVENT DISCHARGE TO GROUNDWATER MAY BE USED TO ISOLATE PORTIONS OF THE SITE FOR THE PURPOSES OF STORAGE AND HANDLING OF THESE MATERIALS.
20. MINIMIZE THE EXPOSURE OF CONSTRUCTION DEBRIS, BUILDING AND LANDSCAPING MATERIALS, TRASH, FERTILIZERS, PESTICIDES, HERBICIDES, DETERGENTS, SANITARY WASTE AND OTHER MATERIALS TO PRECIPITATION AND STORMWATER RUNOFF. THESE MATERIALS MUST BE PREVENTED FROM BECOMING A POLLUTANT SOURCE.
21. EXCAVATION DE-WATERING IS THE REMOVAL OF WATER FROM TRENCHES, FOUNDATIONS, COFFER DAMS, PONDS, AND OTHER AREAS WITHIN THE CONSTRUCTION AREA THAT RETAIN WATER AFTER EXCAVATION. IN MOST CASES THE COLLECTED WATER IS HEAVILY SILTED AND HINDERS CORRECT AND SAFE CONSTRUCTION PRACTICES. THE COLLECTED WATER REMOVED FROM THE PONDED AREA, EITHER THROUGH GRAVITY OR PUMPING, MUST BE SPREAD THROUGH NATURAL WOODED BUFFERS OR REMOVED TO AREAS THAT ARE SPECIFICALLY DESIGNED TO COLLECT THE MAXIMUM AMOUNT OF SEDIMENT POSSIBLE, LIKE A COFFERDAM SEDIMENTATION BASIN. AVOID ALLOWING THE WATER TO FLOW OVER DISTURBED AREAS OF THE SITE. EQUIVALENT MEASURES MAY BE TAKEN IF APPROVED BY THE DEPARTMENT.
22. AUTHORIZED NON-STORMWATER DISCHARGES: IDENTIFY AND PREVENT CONTAMINATION BY NON-STORMWATER DISCHARGES. WHERE ALLOWED NON-STORMWATER DISCHARGES EXIST, THEY MUST BE IDENTIFIED AND STEPS SHOULD BE TAKEN TO ENSURE THE IMPLEMENTATION OF APPROPRIATE POLLUTION PREVENTION MEASURES FOR THE NON-STORMWATER COMPONENT(S) OF THE DISCHARGE. AUTHORIZED NON-STORMWATER DISCHARGES ARE:
    - A. DISCHARGES FROM FIREFIGHTING ACTIVITY;
    - B. FIRE HYDRANT FLUSHINGS;
    - C. VEHICLE WASHWATER IF DETERGENTS ARE NOT USED AND WASHING IS LIMITED TO THE EXTERIOR OF VEHICLES (ENGINE, UNDERCARRIAGE AND TRANSMISSION WASHING IS PROHIBITED);
    - D. DUST CONTROL RUNOFF IN ACCORDANCE WITH SPECIFICATIONS AND ANY APPLICABLE PERMIT CONDITIONS;
    - E. ROUTINE EXTERNAL BUILDING WASHDOWN, NOT INCLUDING SURFACE PAINT REMOVAL, THAT DOES NOT INVOLVE DETERGENTS;
    - F. PAVEMENT WASHWATER (WHERE SPILLS/LEAKS OF TOXIC OR HAZARDOUS MATERIALS HAVE NOT OCCURRED, UNLESS ALL SPILLED MATERIAL HAD BEEN REMOVED) IF DETERGENTS ARE NOT USED;
    - G. UNCONTAMINATED AIR CONDITIONING OR COMPRESSOR CONDENSATE;
    - H. UNCONTAMINATED GROUNDWATER OR SPRING WATER;
    - I. FOUNDATION OR FOOTER DRAIN-WATER WHERE FLOWS ARE NOT CONTAMINATED;
    - J. UNCONTAMINATED EXCAVATION DEWATERING;
    - K. POTABLE WATER SOURCES INCLUDING WATERLINE FLUSHINGS; AND
    - L. LANDSCAPE IRRIGATION.
23. UNAUTHORIZED NON-STORMWATER DISCHARGES: THE MAINEDEP'S APPROVAL UNDER THIS CHAPTER DOES NOT AUTHORIZE A DISCHARGE THAT IS MIXED WITH A SOURCE OF NON-STORMWATER, OTHER THAN THOSE DISCHARGES IN COMPLIANCE WITH APPENDIX C (6). SPECIFICALLY, THE DEPARTMENT'S APPROVAL DOES NOT AUTHORIZE DISCHARGES OF THE FOLLOWING:
    - A. WASTEWATER FROM THE WASHOUT OR CLEANOUT OF CONCRETE, STUCCO, PAINT, FORM RELEASE OILS, CURING COMPOUNDS OR OTHER CONSTRUCTION MATERIALS;
    - B. FUELS, OILS OR OTHER POLLUTANTS USED IN VEHICLE AND EQUIPMENT OPERATION AND MAINTENANCE;
    - C. SOAPS, SOLVENTS, OR DETERGENTS USED IN VEHICLE AND EQUIPMENT WASHING; AND
    - D. TOXIC OR HAZARDOUS SUBSTANCES FROM A SPILL OR OTHER RELEASE.

EROSION CONTROL - WINTER CONSTRUCTION

1. WINTER CONSTRUCTION PERIOD DEFINED: NOVEMBER 1 THROUGH APRIL 15.
2. CONTINUATION OF EARTHWORK OPERATIONS ON ADDITIONAL AREAS SHALL NOT BEGIN UNTIL THE EXPOSED SOIL SURFACE ON THE AREA BEING WORKED HAS BEEN STABILIZED SUCH THAT NO LARGER AREA OF THE SITE IS WITHOUT EROSION CONTROL PROTECTION AS LISTED IN ITEM 2 ABOVE.
3. AN AREA SHALL BE CONSIDERED TO HAVE BEEN STABILIZED WHEN EXPOSED SURFACES HAVE BEEN EITHER MULCHED WITH STRAW AT A RATE OF 100 LB. PER 1,000 SQUARE FEET (WITH OR WITHOUT SEEDING) OR DORMANT SEEDED, MULCHED AND ADEQUATELY ANCHORED BY AN APPROVED ANCHORING TECHNIQUE. IN ALL CASES, MULCH SHALL BE APPLIED SUCH THAT SOIL SURFACE IS NOT VISIBLE THROUGH THE MULCH. OVERWINTER HAY MULCH SHOULD BE APPLIED AT A RATE OF 150 LB. PER 1,000 SQUARE FEET. MULCH SHOULD BE ANCHORED WITH NETTING OR TACKIFIER TO PREVENT MOVEMENT BEFORE FREEZING.
4. BETWEEN THE DATES OF OCTOBER 15 AND APRIL 1ST, LOAM OR SEED WILL NOT BE REQUIRED. DURING PERIODS OF ABOVE-FREEZING TEMPERATURES, THE SLOPES SHALL BE FINE GRADED AND EITHER PROTECTED WITH MULCH OR TEMPORARILY SEEDED AND MULCHED UNTIL SUCH TIME AS THE FINAL TREATMENT CAN BE APPLIED. IF THE DATE IS AFTER NOVEMBER 1ST AND IF THE EXPOSED AREA HAS BEEN LOAMED, FINAL GRADED AND IS SMOOTH, THEN THE AREA MUST BE STABILIZED WITH MULCH. IF CONSTRUCTION CONTINUES DURING FREEZING WEATHER, ALL EXPOSED AREAS SHALL BE GRADED BEFORE FREEZING AND THE SURFACE TEMPORARILY PROTECTED FROM EROSION BY THE APPLICATION OF MULCH. SLOPES SHALL NOT BE LEFT EXPOSED OVER THE WINTER OR ANY OTHER EXTENDED TIME OF WORK SUSPENSION UNLESS TREATED IN THE ABOVE MANNER. UNTIL SUCH TIME AS WEATHER CONDITIONS ALLOW DITCHES TO BE FINISHED WITH THE PERMANENT SURFACE TREATMENT, EROSION SHALL BE CONTROLLED BY THE INSTALLATION OF BALES OF HAY OR STONE CHECK DAMS IN ACCORDANCE WITH THE STANDARD DETAILS.
5. THE APPLICATION OF MULCH TO FINE GRADED AREAS WILL BE STABILIZED AS FOLLOWS:
    - A. BETWEEN THE DATES OF NOVEMBER 1ST AND APRIL 15TH ALL MULCH SHALL BE ANCHORED BY EITHER PEG LINE, MULCH NETTING, ASPHALT EMULSION, CHEMICAL TACK OR WOOD CELLULOSE FIBER.
    - B. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL DRAINAGE WAYS WITH A SLOPE GREATER THAN 3% FOR SLOPES EXPOSED TO DIRECT WINDS AND FOR ALL OTHER SLOPES GRATER THAN 8%. THIS SHALL BE IN ADDITION TO EROSION CONTROL MATTING-DITCHES DETAIL.
    - C. MULCH NETTING SHALL BE USED TO ANCHOR MULCH IN ALL AREAS WITH SLOPES GREATER THAN 15%. AFTER OCTOBER 1ST, THE SAME APPLIES FOR ALL SLOPES GREATER THAN 8%.
6. AFTER NOVEMBER 1ST THE CONTRACTOR SHALL APPLY MULCH AND ANCHORING ON ALL BARE EARTH AT THE END OF EACH WORKING DAY.
7. DURING WINTER CONSTRUCTION PERIODS ALL SNOW SHALL BE REMOVED FROM AREAS OF MULCHING PRIOR TO PLACEMENT.
8. THE INSPECTION FREQUENCY FOR AREAS BEING WORKED ON DURING WINTER CONSTRUCTION SHALL BE AFTER EACH RAINFALL, SNOWSTORM, OR THAWING, AND AT LEAST ONCE A WEEK.
    - A. CONTRACTOR SHALL NOT BE REQUIRED TO INSPECT AREAS OF THE SITE THAT ARE NOT VISIBLE DUE TO SNOW IF THOSE AREAS ARE NOT BEING ACTIVELY CONSTRUCTED, HAVE BEEN INSPECTED AND PROPERLY REPAIRED PRIOR TO THE SNOW EVENT.

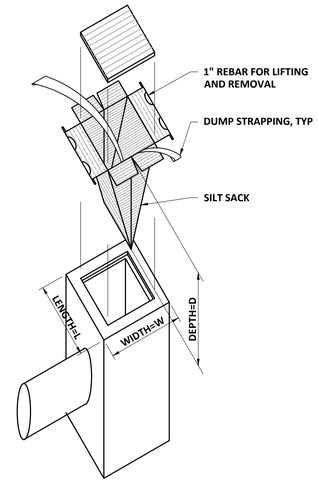
EROSION CONTROL - WETLAND NOTES

1. WETLANDS AND SURFACE WATERS (EXCEPTING THOSE WHICH ARE TO BE FILLED IN ACCORDANCE WITH STATE AND FEDERAL REGULATIONS) WILL BE PROTECTED WITH SILT FENCE INSTALLED AT THE EDGE OF THE WETLAND OR THE BOUNDARY OF WETLAND DISTURBANCE.
2. IF THE WORK INCLUDES CROSSING OF WETLANDS AND/OR STREAMS, THE CONTRACTOR SHALL TAKE SPECIAL PRECAUTIONS WORKING IN THESE AREAS.
3. ANY WETLAND CROSSING WORK SHALL BE COMPLETED BETWEEN THE PERIOD OF MAY 1 AND SEPTEMBER 30.
4. ALL EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO COMMENCING CONSTRUCTION WITHIN OR ADJACENT TO WETLAND AREAS. ALL TEMPORARY MEASURES SHALL NOT BE REMOVED UNTIL SITE IS FULLY STABILIZED.
5. WETLAND VEGETATIVE LAYERS SHALL BE REMOVED AND SALVAGED FOR RESTORATION OF THE DISTURBED AREAS.
6. STORAGE AREAS FOR WETLAND MATERIALS SHALL BE PROPERLY PROTECTED AGAINST EROSION.
7. SEEDING OF THE DISTURBED AREAS WITHIN WETLAND AREAS SHALL UTILIZE MIXTURES APPROPRIATE FOR WETLAND AREAS AS OUTLINED IN THE SPECIFICATIONS.

INSPECTIONS

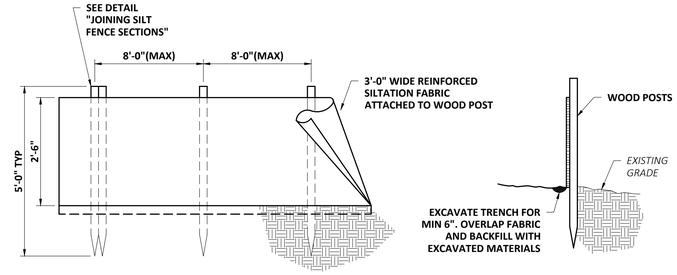
REGULAR INSPECTIONS OF ALL EROSION AND SEDIMENTATION CONTROLS SHALL BE MADE AT LEAST WEEKLY AND PRIOR TO AND FOLLOWING STORM EVENTS. MINIMUM INSPECTIONS SHALL BE MADE AS LISTED IN THE TABLE BELOW. SEE INSPECTIONS, MAINTENANCE AND HOUSEKEEPING PLAN FOR ADDITIONAL INFORMATION.

INSPECTED ITEM	EXAMPLE REPAIR INDICATORS
MULCHED SURFACES	THIN MULCH OR INADEQUATE APPLICATION. WIND MOVEMENT
SEEDED SURFACES	POOR SEED GERMINATION. LOSS OF MULCH. DEVELOPMENT OF RIVULETS.
SEDIMENT BARRIER	SEDIMENT BUILD-UP TO ONE HALF THE HEIGHT OF THE BARRIER. UNDERMINING OF THE BARRIER. SUPPORTING STAKES LOOSE, TOPPLED OR UNMARKED. BREAKS IN BARRIER.
PERIMETER DIVERSION	DISCHARGE IS TO STABILIZED AREA. EROSION OR BREAKS IN BARRIER. SUPPORTING STAKES LOOSE, TOPPLED OR UNMARKED.
CATCH BASIN PROTECTION	SEDIMENT BUILD-UP AND STRUCTURE BLOCKAGES. SLOW FLOW/PONDING WATER. BREAKS IN FABRIC OR VOIDS IN BARRIER.
DEWATERING FILTER	BREAKS IN FABRIC OR SUPPORTING STRUCTURE. SLOW FLOW, INDICATING HIGH SEDIMENT BUILD-UP.
CONSTRUCTION ENTRANCE	SEDIMENTATION OF ROADWAYS. OFF-SITE DUST COMPLAINTS.
STOCKPILE	BALLOONING OR BLOWOUTS, RUNOFF AND EROSION

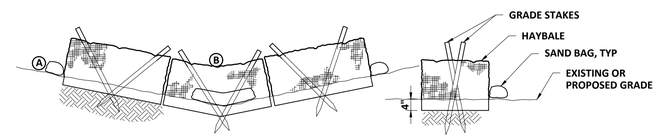


NOTE:
INSTALL SILT SACK PER MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. EMPTY OR REMOVE SEDIMENT FROM SILT SACK WHEN RESTRAINT CORD IS NO LONGER VISIBLE. CLEAN, RINSE, AND REPLACE AS NEEDED.

SILT SACK CATCH BASIN INLET
SCALE: NTS

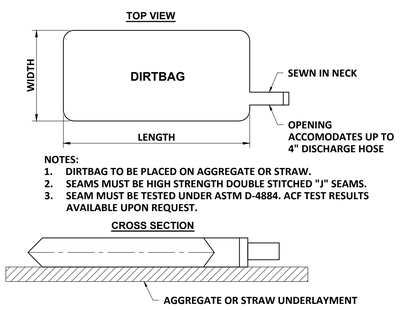


SILT FENCE INSTALLATION
SCALE: NTS



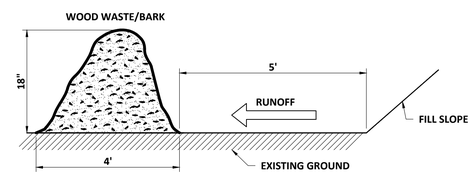
EROSION CHECK TO BE BALES OF HAY SECURED TO THE GROUND WITH TWO 4' LONG GRADE STAKES FOR EACH BALE. SAND BAG AS REQUIRED, PLACE SUFFICIENT BALES TO ESTABLISH ELEVATIONS AT (A) AT LEAST 6 INCHES ABOVE OVERFLOW AT (B)

HAY BALE CHECK DAM
SCALE: "NTS"



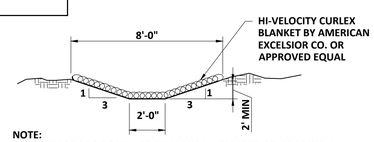
NOTES:
1. DIRTBAG TO BE PLACED ON AGGREGATE OR STRAW.
2. SEAMS MUST BE HIGH STRENGTH DOUBLE STITCHED "J" SEAMS.
3. SEAM MUST BE TESTED UNDER ASTM D-4884. ACF TEST RESULTS AVAILABLE UPON REQUEST.

DEWATERING FILTER BAG DETAIL
SCALE: NTS



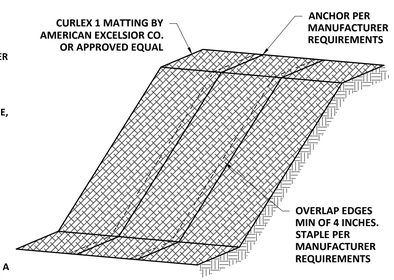
NOTE:
1. EROSION CONTROL MIX SHALL BE AS SPECIFIED ON PAGE 45 OF THE OCTOBER 2016 REVISION TO THE 2003 MAINE EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPS) MANUAL FOR DESIGNERS AND ENGINEERS, OR LATEST EDITION.

WOOD WASTE/BARK FILTER BERM
SCALE: NTS



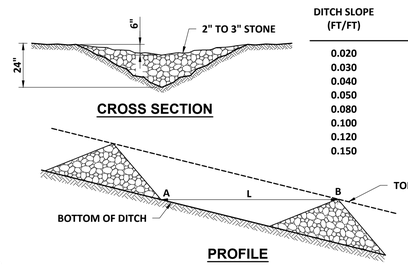
NOTE:
1. PROVIDE FOR DRAINAGE SWALES AS INDICATED ON GRADING & DRAINAGE PLAN. ADDITIONAL REQUIREMENTS MAY APPLY. SEE EROSION CONTROL - WINTER CONSTRUCTION NOTE 5 AS APPLICABLE.

MATTING INSTALLATION - DITCH
SCALE: NTS



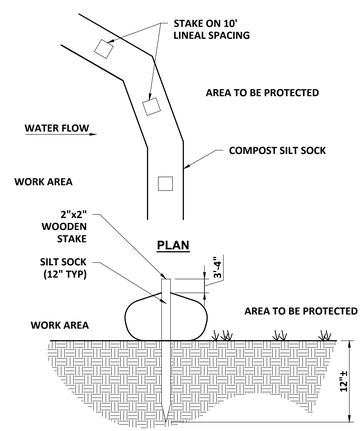
NOTE:
INSTALL ON SLOPES 3:1 OR GREATER

EROSION CONTROL MATTING - SLOPES
SCALE: NTS



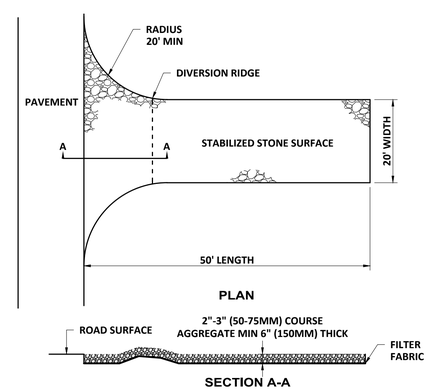
DITCH SLOPE (FT/FT)	L (FT)
0.020	100
0.030	66
0.040	50
0.050	40
0.080	25
0.100	20
0.120	17
0.150	13

STONE CHECK DAM DETAIL
SCALE: "NTS"



NOTES:
1. ALL MATERIAL TO MEET SPECIFICATIONS
2. SILT SOCK COMPOST/SOIL/ROCK/SEED FILL TO MEET APPLICATION REQUIREMENTS
3. SILT SOCK DEPICTED IS FOR MINIMUM SLOPES. GREATER SLOPES MAY REQUIRE LARGER SOCKS PER THE ENGINEER
4. COMPOST MATERIAL TO BE DISPERSED ON SITE, AS DETERMINED BY ENGINEER.

COMPOST SILT SOCK
SCALE: "NTS"



(TEMPORARY, TO BE REMOVED PRIOR TO FINAL SITE PAVING)

NOTE:
1. STABILIZED CONSTRUCTION ENTRANCE SHALL BE MAINTAINED DURING CONSTRUCTION AS REQUIRED TO PREVENT OFF-SITE TRACKING OF SEDIMENT. ANY SEDIMENT TRACKED OFF-SITE SHALL BE REMOVED AND DISPOSED OF IN A MANNER THAT SEDIMENTS DO NOT ENTER DOWN SLOPE WATER RESOURCES.

STABILIZED CONSTRUCTION ENTRANCE
SCALE: "NTS"

NO	REVISIONS	APP'D	DATE
1			
2			
3			
4			
5			

PROJECT NO: 22410
DESIGNED: N.EDWARDS
CAD COORD: R.BEISAW
CAD: R.BEISAW
CHECKED: N.EDWARDS
DATE: 05-2026
APPROVED: J.WIEGMAN
DATE: 05-2026
SUBMISSION: CONTRACT DRAWINGS

STATE OF MAINE
JAN B.S. WIEGMAN
No. 5852
LICENSED
PROFESSIONAL ENGINEER
5/7/2026

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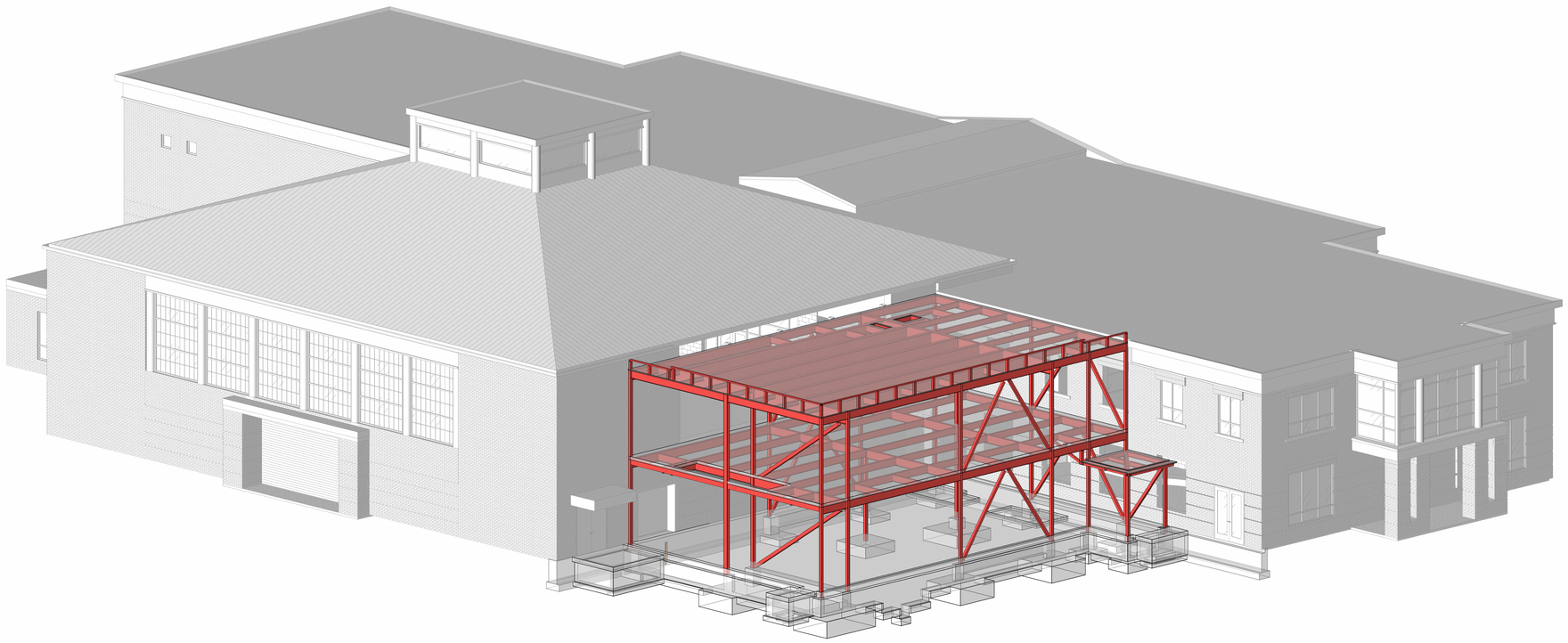
CENTRAL MAINE COMMUNITY COLLEGE
CMCC HEALTHCARE TRAINING EXPANSION
1250 TURNER STREET, AUBURN, MAINE

EROSION CONTROL NOTES & DETAILS

DRAWING
C-502

LAST SAVED BY: RYAN.BEISAW 4/20/2026 8:38 AM
J:\ENG\WE\CENTRALMECOMMCOLL\22410-HEALTHTRAININGEXPANSION_DRAWINGS\CIV\22410-CS-EROSIONNOTES.DWG | 22410-CS-ErosionNotes | 1:2.5849 | --- | 5/7/2026 11:04:21 AM | CHRISTOPHER.HINKLEY



STRUCTURAL FRAMING MODEL

FBRA STRUCTURAL DRAWING LIST

Drawing Number	Drawing Name
S0.0	STRUCTURAL FRAMING MODEL
S0.1	GENERAL NOTES
S0.2	TYPICAL DETAILS I
S0.3	TYPICAL DETAILS II
S0.4	TYPICAL DETAILS III
S0.5	TYPICAL DETAILS IV
S0.6	TYPICAL DETAILS V
S1.1	LEVEL 1 FOUNDATION PLAN
S1.2	LEVEL 2 FRAMING PLAN
S1.3	ROOF FRAMING PLAN
S2.1	BRACE ELEVATIONS
S3.1	SECTIONS

SCHEMATIC FRAMING DIAGRAM

THREE DIMENSIONAL FRAMING DIAGRAM IS SCHEMATIC ONLY.
-REFER TO THE PLANS, SECTIONS AND ELEVATIONS FOR SPECIFIC DETAILS.

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CENTRAL MAINE COMMUNITY COLLEGE

CMCC HEALTHCARE TRAINING EXPANSION

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

CONTENT:
STRUCTURAL FRAMING MODEL

DRAWN BY:	KMM
PROJECT NO:	25-061-11
DATE:	04/24/2026
REVISED:	
SCALE:	12" = 1'-0"

S0.0

Project Phase
CONSTRUCTION DOCUMENTS

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5/22/2026 9:22:00 AM C:\Users\ab\Documents\Revit Local\2025\25_CMCC_FBRA_R2025_ftopgalley.rvt

GENERAL

G1. THE GENERAL NOTES APPLY UNLESS NOTED OTHERWISE ON THE DRAWINGS OR IN THE SPECIFICATIONS.

G2. STRUCTURAL WORK SHALL CONFORM TO REQUIREMENTS OF THE MAINE UNIFORM BUILDING AND ENERGY CODE.

G3. THE INTENT OF THE STRUCTURAL DRAWINGS IS TO SHOW THE MAIN STRUCTURAL FEATURES AND DESIGN FOR THE COMPLETED PROJECT. ARCHITECTURAL DETAILS AND OTHER COMPONENTS THAT MAY BE NECESSARY TO CONSTRUCT THE PROJECT ARE SHOWN INCIDENTALLY ONLY AND NOT COMPLETELY.

G4. STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE ARCHITECTURAL, SITE, MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS, APPROVED SHOP DRAWINGS, AND SPECIFICATIONS.

G5. REFER TO ARCHITECTURAL, SITE, MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION DRAWINGS FOR VERIFICATION OF LOCATIONS AND DIMENSIONS OF ALL SHAFTS, INSERTS, CURBS, OPENINGS, SLEEVES, ANCHOR BOLTS, FLOOR PITCHES, ANGLE FRAMES, AND OTHER PROJECT REQUIREMENTS NOT SHOWN ON STRUCTURAL DRAWINGS.

G6. THE CONTRACTOR SHALL INFORM THE ARCHITECT OF ALL DISCREPANCIES BETWEEN DRAWINGS OF DIFFERENT TRADES PRIOR TO INITIATION OF ANY WORK.

G7. EXISTING DIMENSIONS AND CONDITIONS MUST BE VERIFIED OR DETERMINED IN THE FIELD AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT BEFORE PROCEEDING WITH THE AFFECTED PORTION OF THE WORK.

G8. THE CONTRACTOR SHALL PROVIDE ALL THE NECESSARY ENGINEERED TEMPORARY BRACING AND SHORING TO SAFELY SUPPORT THE NEW AND EXISTING WORK AND THE APPLIED LOADS UNTIL THE PERMANENT STRUCTURE IS FULLY INSTALLED AND AT FULL STRENGTH.

G9. SHOP DRAWINGS FOR REINFORCING STEEL, STRUCTURAL STEEL, AND STEEL DECK SHALL BE SUBMITTED TO THE ARCHITECT AND A STAMPED APPROVAL RECEIVED BEFORE FABRICATION MAY PROCEED. FABRICATION AND ERECTION SHALL PROCEED FROM APPROVED SHOP DRAWINGS ONLY.

G10. NOTES AND DETAILS SHOWN ON ANY STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS, UNLESS NOTED.

G11. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.

G12. THE CONTRACTOR SHALL SUBMIT LOADING DATA FOR ANY EQUIPMENT SUCH AS LIFTS, ETC. PROPOSED FOR USE ON THE BUILDING DURING CONSTRUCTION.

G13. TYPICAL DETAILS PROVIDE MINIMUM REQUIREMENTS UNLESS MORE STRINGENT REQUIREMENTS ARE NOTED IN DRAWINGS OR SPECIFICATIONS.

STRUCTURAL LOADS - MAINE UNIFORM BUILDING AND ENERGY CODE (IBC 2021 WITH MAINE AMENDMENTS & ASCE 7-16)

L1. DEAD LOADS
- A. WEIGHT OF BUILDING COMPONENTS
  - 1. FLOOR — 80 PSF
  - 2. TYPICAL ROOF AREAS — 20 PSF
- B. TYPICAL PARTITIONS ALLOWANCE - (IBC - SECTION 1607.5) — 15 PSF

L2. SNOW LOADS

A.	GROUND SNOW LOAD - (TR-02-6 TABLE 1)	P_g	= 80 PSF
B.	FLAT ROOF SNOW LOAD - (ASCE 7-16 - SECTION 7.3)	P_f	= 62 PSF
C.	SNOW EXPOSURE FACTOR - (ASCE 7-16 - TABLE 7.3-1)	C_e	= 1.0
D.	SNOW IMPORTANCE FACTOR - (ASCE 7-16 - TABLE 7.3-3)	I_s	= 1.1
E.	ROOF THERMAL FACTOR - (ASCE 7-16 - TABLE 7.3-2)	C_t	= 1.0
F.	ROOF SLOPE FACTOR - (ASCE 7-16 - FIGURE 7.4-1)	C_s	= 1.0
G.	SNOW DRIFT - (ASCE 7-16 - SECTION 7.6 THROUGH 7.9)		

L3. LIVE LOADS
- A. LOADS - (IBC - TABLE 1607.1)
  - 1. CLASSROOMS — 65 PSF (INCLUDING PARTITION ALLOWANCE)
  - 2. OFFICES — 65 PSF (INCLUDING PARTITION ALLOWANCE)
  - 3. CORRIDORS ABOVE THE FIRST FLOOR — 80 PSF
  - 4. LOBBIES AND FIRST FLOOR CORRIDORS — 100 PSF
  - 5. STAIRS — 100 PSF
- B. LIVE LOAD REDUCTION - (IBC - SECTION 1607.12)
- C. CONSTRUCTION LOADS
  - 1. UNIFORM LOAD (STEEL DECK) — 20 PSF
  - 2. CONCENTRATED LOAD (BARE STEEL DECK) — 150 PLF (PERPENDICULAR TO DECK SPAN)
  - 3. CONCENTRATED LOAD (SLABS ON COMPOSITE DECK) — 1500 LBS. MAX WHEEL LOAD

L4. WIND LOADS
NOTE: PER ASCE 7-16 AND 2021 IBC, THE DESIGN WIND PRESSURES LISTED BELOW REFLECT ULTIMATE STRENGTH VALUES.

A. WIND LOAD PARAMETERS - (ASCE 7-16 - CHAPTER 26)

1.	RISK CATEGORY - (IBC 2021 - TABLE 1604.5)	III	
2.	ULTIMATE DESIGN WIND SPEED	V_{ult}	= 118 MPH
3.	NOMINAL DESIGN WIND SPEED - (IBC 2021 - EQUATION 16-17)	V_{asd}	= 91 MPH
4.	WIND DIRECTIONALITY FACTOR - (ASCE 7-16 - TABLE 26.6-1)	K_d	= 0.85
5.	WIND EXPOSURE CATEGORY - (ASCE 7-16 - SECTION 26.7)	EXPOSURE C	
6.	TOPOGRAPHIC FACTOR - (ASCE 7-16 - FIGURE 26.8-1)	K_{zt}	= 1.00
7.	ENCLOSURE CLASSIFICATION - (ASCE 7-16 - SECTION 26.12)	ENCLOSED	
8.	INTERNAL PRESSURE COEFFICIENT - (ASCE 7-16 - TABLE 26.13-1)	GC_{pi}	= ± 0.18
9.	VELOCITY PRESSURE COEFFICIENT - (ASCE 7-16 - TABLE 26.10-1)	K_h	= 0.96
10.	VELOCITY PRESSURE - (ASCE 7-16 - EQUATION 26.10-1)	q_h	= 29.1 PSF

B. COMPONENTS AND CLADDING - (ASCE 7-16 - CHAPTER 30, PART 1: LOW-RISE BUILDINGS)

1.	EFFECTIVE WIND AREA - (ASCE 7-16)	A_{eff}	≤ 10 SQ. FT.
2.	WIDTH OF SALIENT ZONE - (ASCE 7-16 - FIGURE 30.3-1)	a	= 4 FEET
3.	NET DESIGN WIND PRESSURES - (ASCE 7-16 - EQUATION 30.3-1)		
a.	WALL ELEMENTS		
i.	AT A NON-SALIENT AREA	p_{net}	= +31 PSF / -34 PSF
ii.	AT A SALIENT CORNER	p_{net}	= +31 PSF / -42 PSF
iii.	PARAPETS AND EQUIPMENT SCREENS	p_{net}	= +110 PSF
b.	ROOF ELEMENTS		
i.	AT A NON-SALIENT AREA	p_{net}	= +14 PSF / -34 PSF
ii.	AT AN EDGE	p_{net}	= +14 PSF / -28 PSF
iii.	AT A SALIENT CORNER	p_{net}	= +14 PSF / -87 PSF
c.	OVERHANG ELEMENTS		
i.	AT AN EDGE	p_{net}	= -55 PSF
ii.	AT A SALIENT CORNER	p_{net}	= -87 PSF

L5. SEISMIC LOADS

A.	RISK CATEGORY - (IBC 2021 - TABLE 1604.5)	III	
B.	MAPPED SPECTRAL ACCELERATION FOR SHORT PERIODS	S_S	= 0.306g
C.	DESIGN SPECTRAL RESPONSE ACCELERATION FOR SHORT PERIODS	S_{DS}	= 0.318g
D.	MAPPED SPECTRAL ACCELERATION FOR 1-SECOND PERIOD	S_1	= 0.077g
E.	DESIGN SPECTRAL RESPONSE ACCELERATION FOR 1-SECOND PERIOD	S_{D1}	= 0.123g
F.	SITE CLASS - REFER TO GEOTECHNICAL REPORT	D	
G.	SEISMIC DESIGN CATEGORY - (ASCE 7-16 - TABLES 11.6-1 & 11.6-2)	B	
H.	BASIC SEISMIC-FORCE-RESISTING SYSTEM - (ASCE 7-16 - TABLE 12.2-1)	STRUCTURAL STEEL SYSTEMS NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE	
I.	RESPONSE MODIFICATION COEFFICIENT - (ASCE 7-16 - TABLE 12.2-1)	R	=3.0
J.	DEFLECTION AMPLIFICATION FACTOR - (ASCE 7-16 - TABLE 12.2-1)	C_d	= 3.0
K.	SYSTEM OVERSTRENGTH FACTOR - (ASCE 7-16 -TABLE 12.2-1)	Ω_0	= 3.0
L.	SEISMIC IMPORTANCE FACTOR - (ASCE 7-16 - TABLE 1.5-2)	I_E	= 1.25
M.	SEISMIC RESPONSE COEFFICIENT - (ASCE 7-16 - SECTION 12.8.1.1)	C_s	= 0.133
N.	ANALYSIS PROCEDURE USED	EQUIVALENT LATERAL FORCE	

FOUNDATION (SECTION 310000)

F1. FOUNDATION WORK SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL REPORT ENTITLED "EXPLORATIONS AND GEOTECHNICAL ENGINEERING SERVICES - PROPOSED KIRK HALL ADDITION, 1250 TURNER STREET, AUBURN, MAINE", BY S.W. COLE ENGINEERING, INC., FILE # 25-2165 S, DATED APRIL 3, 2026.

F2. THE OWNER AND ARCHITECT ASSUME NO RESPONSIBILITY FOR THE VALIDITY OF THE SUBSURFACE CONDITIONS DESCRIBED ON THE DRAWINGS, SPECIFICATIONS, BORING LOGS, OR TEST PITS. THIS DATA IS INCLUDED ONLY TO ASSIST THE CONTRACTOR DURING BIDDING AND SUBSEQUENT CONSTRUCTION AND REPRESENT CONDITIONS ONLY OF THOSE SPECIFIED LOCATIONS AT THE PARTICULAR TIME THEY WERE MADE.

F3. THE CONTRACTOR SHALL INFORM THE ARCHITECT AND RELOCATE, AS REQUIRED, ANY EXISTING UTILITY LINES THAT MAY INTERFERE WITH NEW FOUNDATIONS. THE CONTRACTOR SHALL REMOVE ANY EXISTING UTILITY LINES THAT ARE BEING ABANDONED IN THE VICINITY OF THE NEW FOUNDATION AND BACKFILL THE AREA WITH COMPACTED STRUCTURAL FILL.

F4. THE BOTTOM SURFACE OF ALL SPREAD FOOTINGS SHALL REST ON A 6" THICK LAYER OF COMPACTED GRADE CRUSHED STONE OVER GROUND IMPROVEMENTS WITH AGGREGATE PIERS, WITH AN ASSUMED MINIMUM ALLOWABLE BEARING PRESSURE OF 1.5 TONS PER SQUARE FOOT. REMOVE ALL ORGANICS, CLAYS, SILTS, OR UNSUITABLE OR UNCOMPACTED FILL MATERIALS FROM BENEATH NEW FOOTINGS AND REPLACE WITH COMPACTED STRUCTURAL FILL.

F5. THE ESTIMATED BOTTOM ELEVATION OF EACH FOOTING IS INDICATED THUS [X'-X"] ON PLAN. THE BOTTOM OF EACH EXTERIOR FOOTING SHALL BE A MINIMUM OF 4'-6" BELOW ADJACENT EXTERIOR FINISH GRADE.

F6. PROVIDE 2" RIGID INSULATION AND A VAPOR BARRIER UNDER INTERIOR CONCRETE SLABS ON GRADE. PROVIDE 12" MINIMUM OF COMPACTED STRUCTURAL FILL BASE COURSE UNDER GROUND FLOOR SLABS ON GRADE OVER GROUND IMPROVEMENTS WITH AGGREGATE PIERS.

F7. BACKFILL AGAINST WALLS, MATS, AND FOOTINGS SHALL BE ENGINEERED BACKFILL COMPACTED IN SPECIFIED LIFTS TO 95 PERCENT OF MAXIMUM DENSITY, UNLESS OTHERWISE INDICATED OR SPECIFIED. REFER TO GEOTECHNICAL REPORT AND EARTHWORK SPECIFICATION FOR ADDITIONAL REQUIREMENTS.

F8. VERIFY LOCATIONS AND REQUIREMENTS FOR INSERTS, SLEEVES, CONDUITS, EMBEDMENTS, AND PENETRATIONS WITH RESPECTIVE TRADES BEFORE PLACING CONCRETE.

F9. FOUNDATIONS SHALL BE CENTERED UNDER SUPPORTED MEMBERS, UNLESS NOTED OTHERWISE.

F10. DOWELS FROM FOUNDATIONS INTO PIERS, COLUMNS, BUTTRESSES, OR WALLS SHALL BE THE SAME SIZE AND NUMBER AS REINFORCEMENT IN PIERS, COLUMNS, AND BUTTRESSES, OR WALLS ABOVE, UNLESS NOTED OTHERWISE.

F11. NO CONCRETE SHALL BE PLACED UNDER WATER OR ON FROZEN SUBGRADE. PROTECT IN-PLACE FOUNDATIONS AND SLABS FROM FROST PENETRATION UNTIL PROJECT IS COMPLETED.

F12. DO NOT BACK FILL FOUNDATION WALLS RETAINING EARTH UNTIL WALLS HAVE REACHED THEIR 28 DAY STRENGTHS AND FLOOR SLABS AT THE TOP AND BOTTOM OF WALLS ARE IN PLACE AND CURED.

CAST-IN-PLACE CONCRETE (SECTION 033000)

C1. ALL CONCRETE WORK FOR THE BUILDING AND SITE SHALL CONFORM TO THE LATEST EDITION OF ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE".

C2. CONCRETE SHALL BE PLACED IN THE PRESENCE OF THE APPROVED TESTING AGENCY.

C3. CONCRETE QUALITY IN ACCORDANCE WITH THE REQUIREMENTS OF THESE DRAWINGS AND SPECIFICATIONS IS ESSENTIAL TO THE STRUCTURAL PERFORMANCE OF THE BUILDING. CONCRETE THAT IS NOT IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS WILL NOT BE ACCEPTED.

C4. CONCRETE EXPOSED TO WEATHER SHALL CONTAIN AN AIR ENTRAINMENT ADMIXTURE.

C5. NORMAL WEIGHT CONCRETE SHALL HAVE AN AIR-DRY UNIT WEIGHT OF 145 PCF.

C6. CONCRETE MINIMUM 28-DAY STRENGTH, UNLESS NOTED OTHERWISE, SHALL CONFORM TO FOLLOWING:

A.	FOOTINGS & GRADE BEAMS:	4000 PSI (NORMAL WEIGHT)
B.	FOUNDATION WALLS, SITE WALLS, PIERS AND PILASTERS:	4000 PSI (NORMAL WEIGHT)
C.	SLABS ON GRADE & SLABS ON STEEL DECK:	4000 PSI (NORMAL WEIGHT)
D.	EXTERIOR SLABS & SITE WALLS SUBJECT TO DE-ICING SALTS:	5000 PSI (NORMAL WEIGHT)

C7. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, DEFORMED BARS. LAP ALL CONTINUOUS BARS A MINIMUM OF 40 DIAMETERS, UNLESS NOTED. PROVIDE MATCHING CORNER AND INTERSECTION BARS.

C8. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A1064 IN FLAT SHEETS. LAP ONE AND ONE-HALF SQUARES AT ALL JOINTS AND TIE AT 3'-0" o.c. AT SLAB ON GRADE, PLACE WELDED WIRE FABRIC ON SLAB BOLSTERS WITH SAND PLATES SPACED AT 3'-0" o.c. EACH WAY. PROVIDE 6x6 W1.4x1.4 WELDED WIRE REINFORCEMENT IN CONCRETE STAIR TREADS AND LANDINGS.

C9. PROVIDE REINFORCING STEEL DETAILING, LAP SPLICES, EMBEDMENTS, BAR SUPPORTS, SPACERS, AND ACCESSORIES AS RECOMMENDED IN THE LATEST EDITION OF THE "ACI DETAILING MANUAL". ACCESSORIES, SUCH AS SLAB BOLSTERS AND BEAM AND SLAB CHAIRS, IN CONTACT WITH EXPOSED SURFACES, SHALL BE ZINC COATED AND PLASTIC TIPPED.

C10. REINFORCING STEEL DETAILS NOT SHOWN ON THE DRAWINGS SHALL BE IN ACCORDANCE WITH THE "ACI DETAILING MANUAL".

C11. CLEAR CONCRETE COVER FOR REINFORCING BARS OR WELDED WIRE FABRIC SHALL CONFORM TO THE FOLLOWING, UNLESS NOTED:

A.	FOOTINGS:	3"
B.	FOUNDATION WALLS:	1-1/2"
C.	PILASTERS:	1-1/2" TO TIES
D.	PIERS:	1-1/2" TO TIES
E.	INTERIOR SLABS ON GRADE:	1-1/2" FROM TOP
F.	EXTERIOR SLABS ON GRADE:	MID-DEPTH
G.	BEAMS:	1-1/2" TO STIRRUPS
H.	TOPPINGS ON STEEL DECK:	1" FROM TOP

C12. SET AND TIE ALL REINFORCING STEEL BEFORE PLACING CONCRETE. SETTING DOWELS AND REINFORCING STEEL INTO WET CONCRETE IS PROHIBITED.

C13. NO REINFORCING STEEL SHALL BE CUT OR OMITTED IN THE FIELD BECAUSE OF CONFLICT WITH SLEEVES, DUCT OPENINGS, OR RECESSES. REINFORCING STEEL MAY BE MOVED ASIDE WITHOUT CHANGE IN LEVEL, WITH THE APPROVAL OF THE ARCHITECT.

C14. NO CHASES, RECESS, OPENINGS, OR SLEEVES SHALL BE INSTALLED IN CONCRETE WITHOUT APPROVAL OF THE ARCHITECT.

C15. NO CONDUITS SHALL BE PLACED IN CONCRETE SLABS ON DECK OR SLABS ON GRADE.

C16. KEYS SHALL BE A MINIMUM OF 2" x 4" WITH BEVELED SIDES, UNLESS NOTED OTHERWISE.

C17. DOWELS AND ANCHOR RODS SHALL BE SET BY TEMPLATE. SET EMBEDDED ITEMS FOR CONNECTION OF OTHER WORK ACCURATELY.

C18. HORIZONTAL CONSTRUCTION JOINTS SHALL BE AS INDICATED ON THE DRAWINGS. VERTICAL CONSTRUCTION JOINTS SHALL BE APPROVED BY THE ARCHITECT. CONSTRUCTION JOINTS SHALL BE FORMED WITH A STANDARD KEY AND ALL REINFORCING STEEL EXTENDED A MINIMUM OF 40 DIAMETERS, UNLESS NOTED. ALL CONSTRUCTION JOINTS BELOW GRADE SHALL HAVE CONTINUOUS BENTONITE WATERSTOPS.

C19. CONSTRUCTION AND CONTROL JOINT LOCATIONS OTHER THAN THOSE SHOWN ON THE DRAWINGS MAY BE PERMITTED SUBJECT TO THE PRIOR APPROVAL OF THE ARCHITECT. EXPANSION JOINT LOCATIONS ARE MANDATORY AS SHOWN.

C20. SEE ARCHITECTURAL AND SITE DRAWINGS FOR FINISHES, DEPRESSIONS, REGLETS, NOTCHES, AND OTHER ARCHITECTURAL FEATURES.

C21. PROVIDE CONCRETE PADS FOR MECHANICAL EQUIPMENT ACCORDING TO THE REQUIREMENTS OF THE MANUFACTURER AND IN ACCORDANCE WITH THE TYPICAL DETAILS. COORDINATE LOCATIONS WITH M.E.P. WORK.

C22. PROVIDE SEALANT FOR ALL EXPOSED-TO-VIEW CONSTRUCTION JOINTS, CONTROL JOINTS, AND SHEAR KEYS.

C23. EXPOSED EDGES OF CONCRETE ELEMENTS SHALL HAVE A 1-INCH CHAMFER UNLESS NOTED OTHERWISE.

C24. NOT ALL OPENINGS THROUGH CONCRETE SLABS AND WALLS ARE SHOWN ON STRUCTURAL DRAWINGS. OPENINGS INDICATED, OR ANY ADDITIONAL OPENINGS OR INSERTS REQUIRED, SHALL BE VERIFIED WITH RESPECTIVE TRADES PRIOR TO PLACING CONCRETE.

C25. FLOOR SLABS SHALL BE PLACED TO THE REQUIRED ELEVATIONS, INCLUDING TOLERANCES FOR FLATNESS AND LEVELNESS. SLAB THICKNESSES INDICATED ARE MINIMUM. QUANTITY OF CONCRETE USED SHALL TAKE INTO ACCOUNT THE DEFLECTIONS OF SUPPORTING STRUCTURAL MEMBERS AND FORMS.

STRUCTURAL STEEL FRAMING (SECTION 051200)

S1. STRUCTURAL STEEL WORK SHALL CONFORM TO THE LATEST EDITIONS OF AISC 360 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" AND AISC 303 "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES", AS MODIFIED BY THE SPECIFICATIONS.

S2. WELDING SHALL BE IN ACCORDANCE WITH THE LATEST AWS "D1.1-STRUCTURAL WELDING CODE-STEEL".

S3. STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING, UNLESS NOTED:

A.	W, WT, C, AND MC SHAPES:	ASTM A992	Fy = 50KSI
B.	ALL OTHER STRUCTURAL SHAPES:	ASTM A572	Fy = 50KSI
C.	SQUARE, RECTANGULAR, AND ROUND HSS:	ASTM A500 GRADE C	Fy = 50KSI
D.	STRUCTURAL STEEL PIPE:	ASTM A53 GRADE B	Fy = 35KSI
E.	STRUCTURAL STEEL PLATES AND BARS:	ASTM A572	Fy = 50KSI

S4. CONNECTIONS MAY BE BOLTED OR WELDED, UNLESS SPECIFICALLY NOTED OTHERWISE. CONNECTIONS SHALL BE DESIGNED AND DETAILED IN ACCORDANCE WITH AISC STANDARDS, USING THE ASD METHOD.

S5. CONNECTIONS SHALL BE WELDED TO CONFORM WITH AWS D1.1, OR BOLTED TO CONFORM TO ASTM F3125, TYPE N BOLTS.

S6. PROVIDE 3/4" DIAMETER MINIMUM HEADED TYPE ANCHOR RODS AT COLUMNS AND POSTS, UNLESS NOTED OTHERWISE.

S7. FURNISH AND INSTALL ONE WASHER AND ONE HEAVY HEX NUT WITH ALL ANCHOR RODS, UNLESS NOTED OTHERWISE.

S8. SIMPLY SUPPORTED BEAM-TO-BEAM CONNECTIONS SHALL BE DOUBLE ANGLE TYPE IN CONFORMANCE WITH THE AISC "STEEL CONSTRUCTION MANUAL", UNLESS SPECIFICALLY NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.

S9. PROVIDE A 1/4" THICK LEVELING PLATE UNDER EACH COLUMN BASE PLATE FOR USE IN ALIGNING ANCHOR RODS AND BASE PLATES. LEVELING PLATE SHALL BE SET AND GROUTED WITH AN APPROVED NON-SHRINK, NON-METALLIC GROUT. GROUT SHALL HAVE ATTAINED DESIGN STRENGTH BEFORE ERECTION OF COLUMN.

S10. PROVIDE A 1/4" THICK MINIMUM CAP PLATE WELDED AT TOP OF HSS COLUMNS, UNLESS NOTED OTHERWISE.

S11. PROVIDE A MINIMUM OF A 3/8" THICK WEB STIFFENER PLATE EACH SIDE OF A BEAM OVER A COLUMN OR AT A BEAM UNDER A COLUMN.

S12. SPLICING STRUCTURAL MEMBERS WHERE NOT DETAILED ON DRAWINGS IS PROHIBITED WITHOUT PRIOR APPROVAL OF ARCHITECT.

S13. STRUCTURAL STEEL EXPOSED TO THE WEATHER IN THE FINISHED PROJECT SHALL BE HOT DIP GALVANIZED TO CONFORM TO ASTM A123.

S14. STRUCTURAL STEEL EXPOSED TO VIEW IN THE COMPLETED PROJECT SHALL BE ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (A.E.S.S.). REFER TO THE SPECIFICATIONS FOR SPECIFIC REQUIREMENTS.

S15. STRUCTURAL STEEL EXPOSED TO VIEW IN THE COMPLETED PROJECT SHALL BE EXPOSED TO VIEW STRUCTURAL STEEL (E.V.S.S.). REFER TO THE SPECIFICATIONS FOR SPECIFIC REQUIREMENTS.

S16. REFER TO THE SPECIFICATION FOR PAINTING AND SURFACE PREPARATION REQUIREMENTS.

S17. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY GUYING AND BRACING REQUIRED TO ERECT AND HOLD THE NEW STRUCTURE FOR WIND AND CONSTRUCTION LOADS. TEMPORARY SUPPORTS SHALL REMAIN IN PLACE UNTIL ALL ELEMENTS REQUIRED FOR STABILITY OF THE STEEL FRAME ARE COMPLETED.

SHEAR CONNECTORS (SECTION 051226)

SC1. SHEAR CONNECTORS SHALL BE TYPE B HEADED STUDS CONFORMING TO ASTM A108, GRADES 1010, 1015, OR 1020.

SC2. SHEAR CONNECTORS SHALL BE 3/4" DIAMETER WITH A LENGTH EQUAL TO TOTAL SLAB THICKNESS MINUS 1 1/2 INCHES UNLESS NOTED OTHERWISE THE NUMBER OF SHEAR CONNECTORS REQUIRED PER BEAM IS INDICATED THUS (X) ON THE DRAWINGS. INSTALL CONNECTORS UNIFORMLY ALONG THE LENGTH OF THE BEAM UNLESS NOTED. INSTALL AT LEAST ONE CONNECTOR PER FOOT OF BEAM LENGTH ON ALL BEAMS SUPPORTING CONCRETE SLABS OVER COMPOSITE STEEL DECK.

STEEL DECK (SECTION 053100)

D1. STEEL DECK WORK SHALL CONFORM TO THE LATEST EDITIONS OF SDI "STANDARD FOR STEEL DECK" AND AWS D1.3 "STRUCTURAL WELDING CODE - SHEET STEEL".

D2. COMPOSITE STEEL FLOOR DECK SHALL BE MADE FROM STEEL CONFORMING TO ASTM A653 - MINIMUM GRADE 50 (Fy = 50 KSI) AND GALVANIZED IN ACCORDANCE WITH ASTM A653, COATING CLASS G60. COMPOSITE STEEL FLOOR DECK TYPE, DEPTH, AND GAUGE SHALL BE AS NOTED ON THE DRAWINGS. (18 GA. MINIMUM)

D3. STEEL ROOF DECK SHALL BE MADE FROM STEEL CONFORMING TO ASTM A653 - GRADE 50 (Fy = 50 KSI) AND GALVANIZED IN ACCORDANCE WITH ASTM A653, COATING CLASS G60. STEEL ROOF DECK TYPE, DEPTH, AND GAUGE SHALL BE AS NOTED ON THE DRAWINGS. (18 GA. MINIMUM)

D4. PROVIDE CONTINUOUS POUR STOP ANGLES WITH RETURN LIP AT BUILDING PERIMETER AND AT ALL INTERIOR OPENINGS. REFER TO THE SCHEDULE FOR GAUGE.

D5. COMPOSITE STEEL FLOOR DECK SHALL BE ATTACHED TO THE SUPPORTING STRUCTURE WITH THE FOLLOWING MINIMUM REQUIREMENTS:

A.	PANEL ENDS	5/8"Ø PUDDLE WELD AT 12" o.c. MAX.
B.	INTERMEDIATE SUPPORTS	5/8"Ø PUDDLE WELD AT 12" o.c. MAX.
C.	LONGITUDINAL EDGES AT SIDE SUPPORTS	5/8"Ø PUDDLE WELD AT 12" o.c. MAX.
D.	SIDE LAPS OF ADJACENT UNITS	BUTTON PUNCHED OR #10 SCREWS AT 24" o.c. MAX.

D6. STEEL ROOF DECK SHALL BE ATTACHED TO THE SUPPORTING STRUCTURE WITH THE FOLLOWING MINIMUM REQUIREMENTS:

A.	PANEL ENDS AND END LAPS	5/8"Ø PUDDLE WELD AT EACH RIB
B.	INTERMEDIATE SUPPORTS	5/8"Ø PUDDLE WELD AT EACH RIB
C.	LONGITUDINAL EDGES A SIDE SUPPORTS	5/8"Ø PUDDLE WELD AT 12" o.c. MAX.
D.	SIDE LAPS OF ADJACENT UNITS	#12 SCREWS AT 24" o.c. MAX.

D7. DO NOT HANG M.E.P., F.P. OR ARCHITECTURAL COMPONENTS FROM STEEL ROOF DECK. PROVIDE ENGINEERED SUPPLEMENTAL FRAMING BY THE COMPONENT CONTRACTOR TO SPAN BETWEEN STRUCTURAL BEAMS.

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NO.	DESCRIPTION	DATE

N

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT:
GENERAL NOTES

DRAWN BY:	KMM
PROJECT NO:	25-061-11
DATE:	04/24/2026
REVISED:	
SCALE:	As indicated

S0.1

Project Phase
CONSTRUCTION DOCUMENTS

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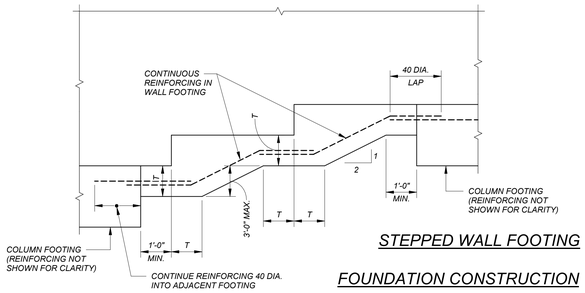
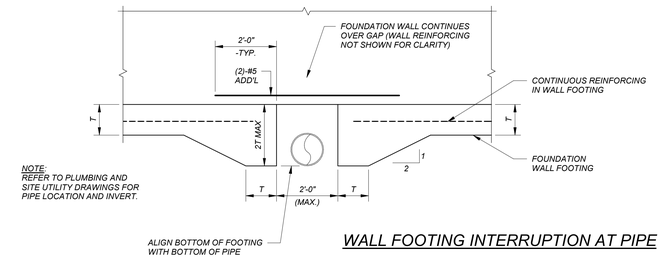


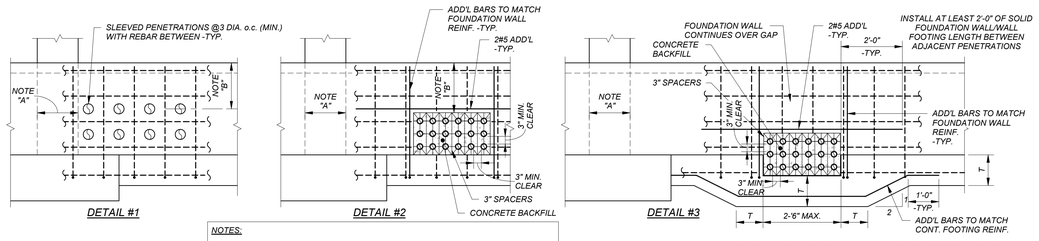
STEPPED WALL FOOTING

FOUNDATION CONSTRUCTION CF1



WALL FOOTING INTERRUPTION AT PIPE

FOUNDATION CONSTRUCTION CF2



NOTES:

A. DO NOT PENETRATE PIER OR COLUMN BEARING ZONES

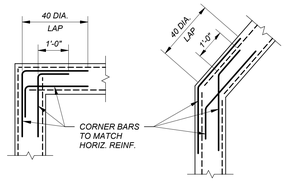
B. DO NOT PENETRATE THE TOP 18" OF WALL BELOW THE MASONRY SHELF OR TOP 2 LAYERS OF HORIZ. REBAR

C. SUBMIT PENETRATION COORDINATION PLANS FOR APPROVAL PRIOR TO SUBMITTING REBAR SHOP DRAWINGS

D. REFER TO MEP AND SITE UTILITIES DWGS. FOR LOCATIONS AND INVERTS

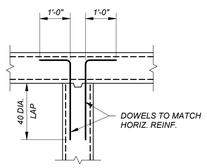
FOUNDATION WALL PENETRATION DETAILS

FOUNDATION CONSTRUCTION CF4



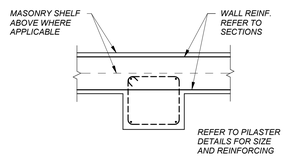
CORNER

CONCRETE WALLS CW1



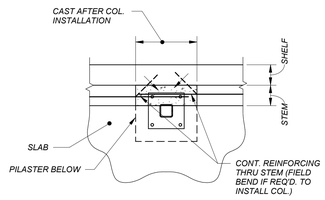
INTERSECTION

CONCRETE WALLS CW2



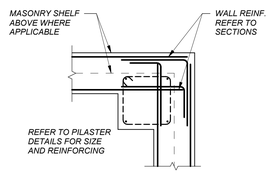
AT EDGE PILASTER

CONCRETE WALLS CW3



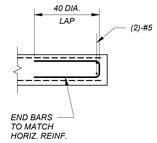
STEM SECOND POUR

CONCRETE WALLS CW3



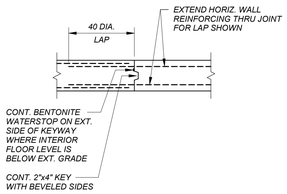
AT CORNER PILASTER

CONCRETE WALLS CW4



END

CONCRETE WALLS CW5



CONSTRUCTION JOINT

CONCRETE WALLS CW6

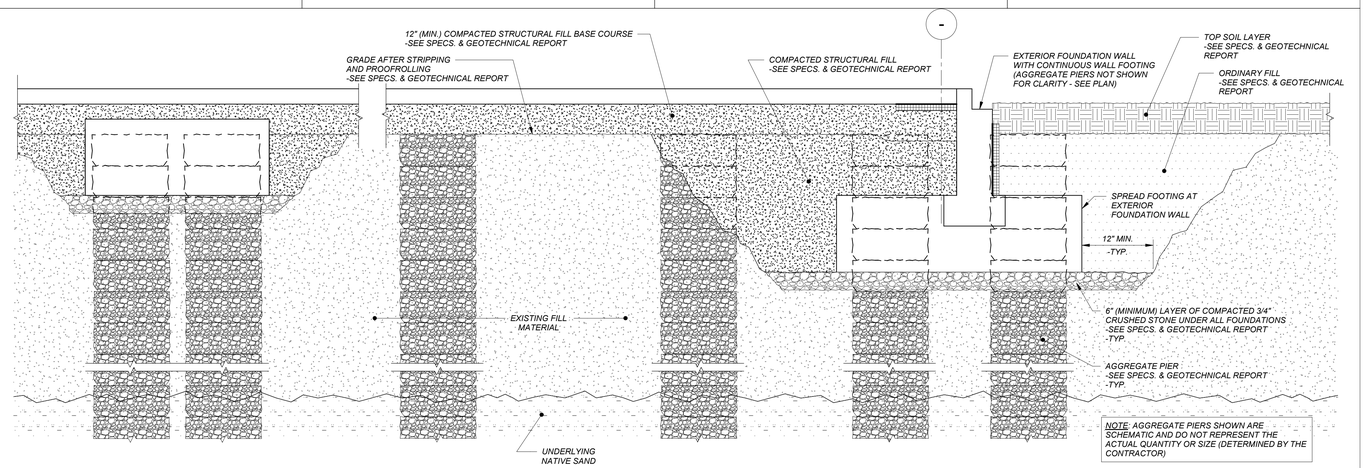
WALL THICKNESS	NO. OF ROWS EACH WAY	HORIZONTAL REINF.	VERTICAL REINF.
8"	1	#4@12"	#4@18"
9" TO 10"	1	#4@10"	#4@16"
11" TO 17"	2	#4@12" E.F.	#4@18" E.F.
18" TO 20"	2	#5@12" E.F.	#4@16" E.F.

NOTES:

1. WALLS OF FRACTIONAL THICKNESS SHALL BE ROUNDED OFF TO THE NEXT HIGHEST THICKNESS.
2. WALL THICKNESSES NOT SHOWN SHALL BE A MULTIPLE OF THOSE INDICATED.
3. "E.F." INDICATES BARS NOTED ARE REQUIRED ON EACH FACE OF WALL.

MINIMUM WALL REINFORCING

CONCRETE WALLS CW11



AGGREGATE PIER SYSTEM CONSTRUCTION AT SOIL CUT AREAS

EARTHWORK E1

LAVALLEE BRENSINGER ARCHITECTS
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155 Dow Street, Suite 400, Manchester, NH 03101
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www.LBPA.com

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CENTRAL MAINE COMMUNITY COLLEGE

CMCC HEALTHCARE TRAINING EXPANSION

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

N

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT: TYPICAL DETAILS I

DRAWN BY:	KMM
PROJECT NO:	25-061-11
DATE:	04/24/2026
REVISED:	
SCALE:	As indicated

S0.2

Project Phase: CONSTRUCTION DOCUMENTS

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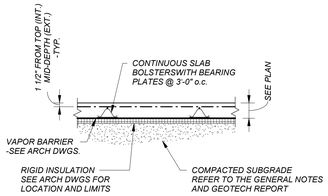
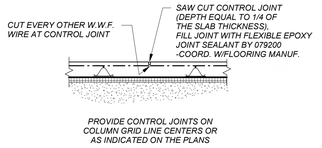


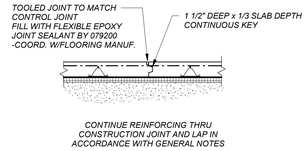
GENERAL CONSTRUCTION

SLAB ON GRADE — CS1



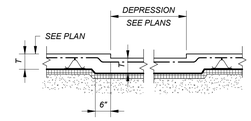
CONTROL JOINT

SLAB ON GRADE — CS2



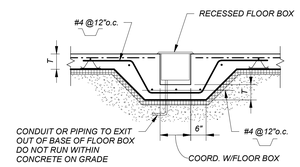
CONSTRUCTION JOINT

SLAB ON GRADE — CS3



DEPRESSION

SLAB ON GRADE — CS4

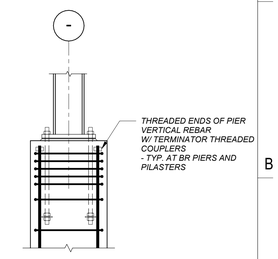


RECESSED FLOOR BOX

SLAB ON GRADE — CSX

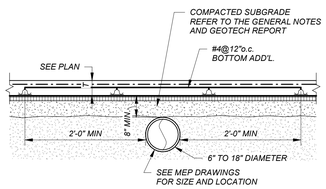
NOTES:

1. AT PIERS/PILASTERS SUPPORTING BRACE COLUMNS (PIERS/PILASTERS WITH THE "BR" SUFFIX (EX. P-1BR)) ENLARGE THE 12" DIMENSION TO 24" IN THE DIRECTION OF THE BRACE TO SUPPORT THE ENLARGED BRACE COLUMN BASE PLATE -TYPICAL. COORDINATE PIER/PILASTER EXTENSIONS WITH PLANS AND BRACE ELEVATIONS.
2. AT THE TOP OF PIERS/PILASTERS, PROVIDE TIES WITH 4 SPACES @ 3" o.c. AND THE BALANCE AS INDICATED ABOVE (SEE SECTIONS) -TYPICAL.
3. WALL REINFORCING NOT SHOWN FOR CLARITY, CONTINUE THROUGH PILASTER.
4. REFER TO SECTIONS FOR WALL THICKNESS, REINFORCING, AND LOCATION FROM COLUMN GRID.



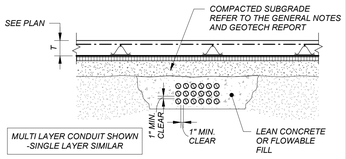
TYPICAL PIER DETAIL

NOTE: WHEN TOP OF PIPE IS 2D BELOW (OR GREATER) BOTTOM OF SLAB, ADD'L REBAR IS NOT REQUIRED



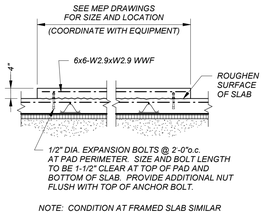
OVER BURIED PIPE

SLAB ON GRADE — CS8



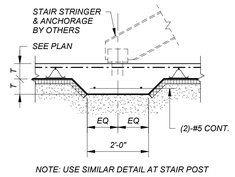
EMBEDDED CONDUIT

SLAB ON GRADE — CS9



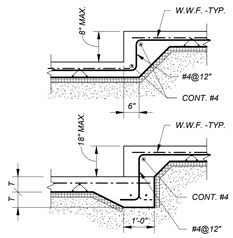
HOUSEKEEPING PAD

SLAB ON GRADE — CS11



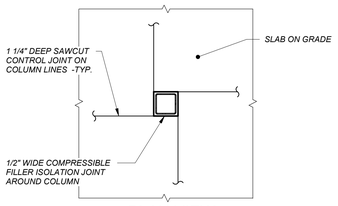
STAIR BEARING

SLAB ON GRADE — CS7



SLAB STEP DETAIL

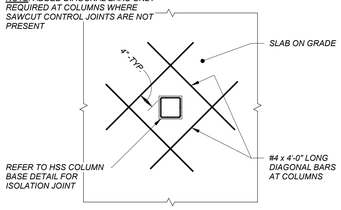
SLAB ON GRADE — CS23



PLAN VIEW

CONTROL JOINT

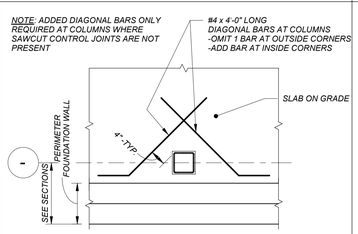
SLAB ON GRADE — CSX



PLAN VIEW

ADDED REBAR AT INTERIOR COLUMNS

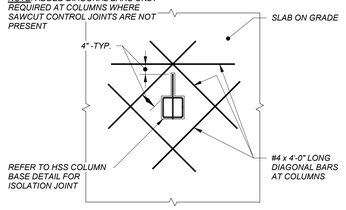
SLAB ON GRADE — CSX



PLAN VIEW

ADDED REBAR AT PERIMETER COLUMNS

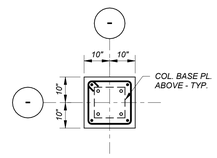
SLAB ON GRADE — CSX



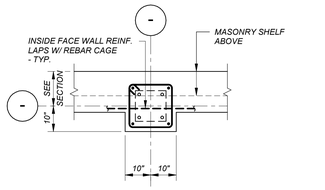
PLAN VIEW

ADDED REBAR AT BRACE COLUMNS

SLAB ON GRADE — CSX



P-1



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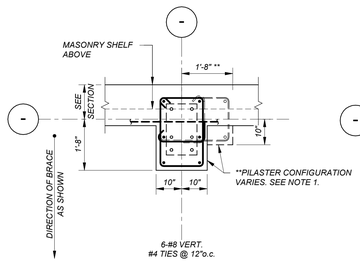
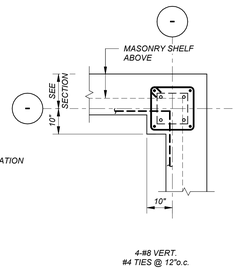


P-2BR



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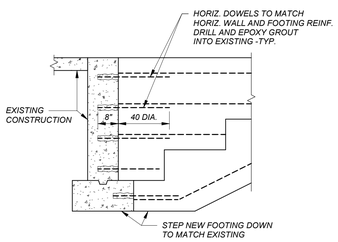
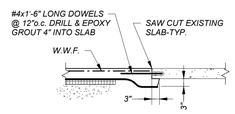


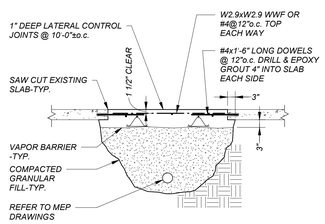
NEW TO EXISTING FOUNDATION WALL

EXISTING CONSTRUCTION — XC1



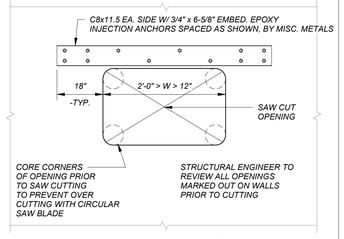
NEW TO EXISTING SLAB ON GRADE CONSTRUCTION JOINT

EXISTING CONSTRUCTION — XC2



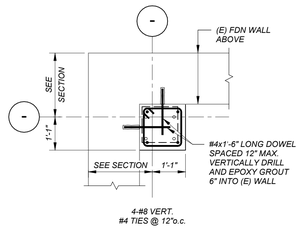
TRENCH REPAIR

EXISTING CONSTRUCTION — XC3

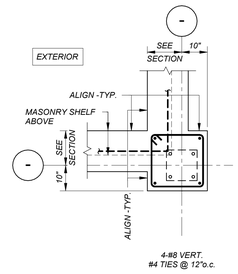


WALL PENETRATION CUTTING

EXISTING CONSTRUCTION — XC4



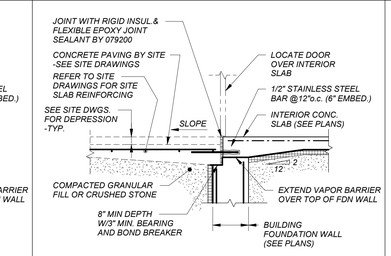
P-3A



P-4

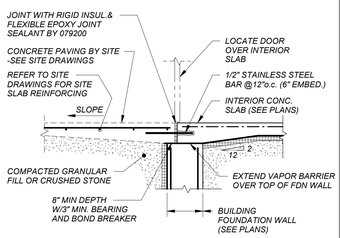
PIER AND PILASTER DETAILS

1/2" = 1'-0"



APPROACH SLAB WITH FROST PROTECTION

SLAB ON GRADE — CS13

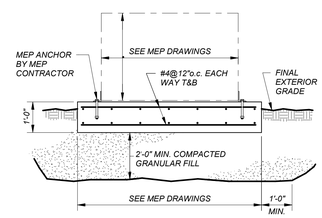


SITE PAVING AT ENTRY

SLAB ON GRADE — CS14

SITE PAVING AT ENTRY

SLAB ON GRADE — CS14



EQUIPMENT PAD

SLAB ON GRADE — CS15

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL

CONTENT: TYPICAL DETAILS II

DRAWN BY: KMM

PROJECT NO: 25-061-11

DATE: 04/24/2026

REVISED:

SCALE: As indicated

S0.3

Project Phase: CONSTRUCTION DOCUMENTS

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NO.	DESCRIPTION	DATE

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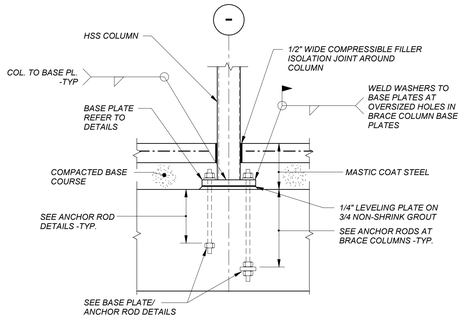
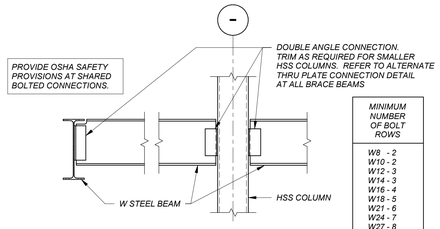


HSS COLUMN BASE DETAIL

STEEL CONSTRUCTION — S1

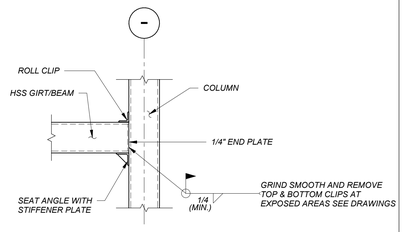


MINIMUM NUMBER OF BOLT ROWS
W8 - 2
W10 - 2
W12 - 3
W14 - 3
W16 - 4
W18 - 5
W21 - 6
W24 - 7
W27 - 8
W30 - 9
W33 - 10
W36 - 11
W40 - 12
W44 - 13

CONNECTIONS SHALL BE DESIGNED USING THE ALLOWABLE STRESS DESIGN METHOD -REFER TO SPECIFICATIONS

W BEAM CONNECTIONS

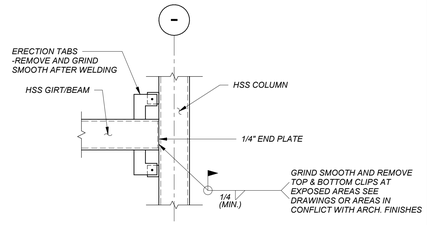
STEEL CONSTRUCTION — S10



HSS BEAM TO HSS COLUMN CONNECTION

CONCEALED CONNECTION

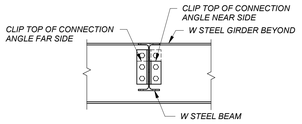
STEEL CONSTRUCTION — S9A



HSS BEAM TO HSS COLUMN CONNECTION

EXPOSED CONNECTION

STEEL CONSTRUCTION — S9A

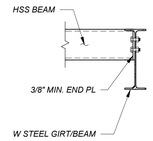


PROVIDE OSHA SAFETY PROVISIONS AT SHARED BOLTED CONNECTIONS

NUMBER OF BOLTS SHOWN ABOVE IS SCHEMATIC. OTHER CONNECTION BOLTS ARE NOT SHOWN FOR CLARITY

SHARED BOLT CONNECTION

STEEL CONSTRUCTION — SX

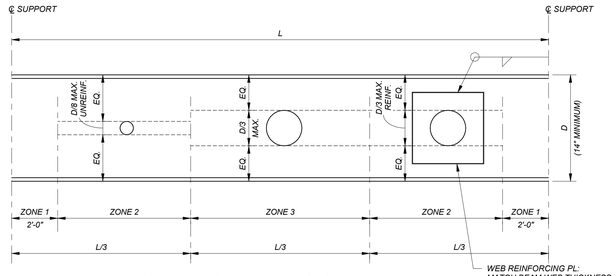


MINIMUM NUMBER OF BOLT ROWS
W8 - 2
W10 - 2
W12 - 3
W14 - 3
W16 - 4
W18 - 5
W21 - 6
W24 - 7
W27 - 8
W30 - 9
W33 - 10
W36 - 11
W40 - 12
W44 - 13

CONNECTIONS SHALL BE DESIGNED USING THE ALLOWABLE STRESS DESIGN METHOD -REFER TO SPECIFICATIONS

HSS BEAM TO W BEAM CONNECTION

STEEL CONSTRUCTION — S12



NO PENETRATIONS ARE PERMITTED IN ZONE 1

MINIMUM SPACING (CENTER TO CENTER) OF PENETRATIONS IN ZONES 2 & 3 SHALL BE 3 TIMES THE PENETRATION DIAMETER (USE THE LARGER PENETRATION DIAMETER IF SIZES VARY).

NOTES:

1. REFER TO ALL THE DRAWINGS IN THE SET (MEP, ARCH, STR, ETC) TO DETERMINE THE QUANTITY, SIZE AND LOCATION OF OPENINGS REQUIRED THROUGH STEEL BEAMS AND GIRDERS. ALL PENETRATIONS MIGHT NOT BE SHOWN ON THE STRUCTURAL DRAWINGS.

   FOR BIDDING PURPOSES, ASSUME 5 SHOP INSTALLED AND 5 FIELD INSTALLED PENETRATIONS WILL BE REQUIRED (IN ADDITION TO THOSE SHOWN ON THE DRAWINGS). INCLUDE ADD/DEDUCT UNIT PRICES FOR SHOP AND FIELD INSTALLED OPENINGS IN THE BID.

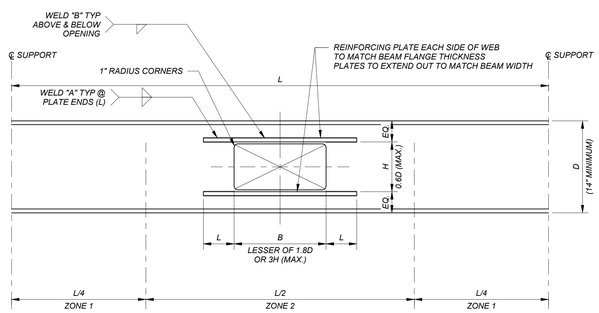
2. ALL OPENINGS ARE TO BE SHOWN ON THE SHOP DRAWINGS AND SUBMITTED TO THE DESIGN TEAM FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. FIELD CUTTING OPENINGS IS NOT PERMITTED . FIELD DRILLING OPENINGS OR PLASMA CUTTING MAY BE PERMITTED WITH THE SPECIFIC APPROVAL OF THE STRUCTURAL ENGINEER.

3. OTHER SPECIAL OPENING CASES MAY BE SHOWN ON THE STRUCTURAL DRAWINGS.

4. DO NOT PENETRATE BEAMS WITHIN THE LATERAL BRACING SYSTE

SMALL BEAM PENETRATION

STEEL CONSTRUCTION — S19



NOTES:

1. REFER TO ALL THE DRAWINGS IN THE SET (MEP, ARCH, STR, ETC) TO DETERMINE THE QUANTITY, SIZE AND LOCATION OF OPENINGS REQUIRED THROUGH STEEL BEAMS AND GIRDERS. ALL PENETRATIONS MIGHT NOT BE SHOWN ON THE STRUCTURAL DRAWINGS.

   FOR BIDDING PURPOSES, ASSUME 5 SHOP INSTALLED AND 5 FIELD INSTALLED PENETRATIONS WILL BE REQUIRED (IN ADDITION TO THOSE SHOWN ON THE DRAWINGS). INCLUDE ADD/DEDUCT UNIT PRICES FOR SHOP AND FIELD INSTALLED OPENINGS IN THE BID.

2. ALL OPENINGS ARE TO BE SHOWN ON THE SHOP DRAWINGS AND SUBMITTED TO THE DESIGN TEAM FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. FIELD CUTTING OPENINGS IS NOT PERMITTED . FIELD DRILLING OPENINGS OR PLASMA CUTTING MAY BE PERMITTED WITH THE SPECIFIC APPROVAL OF THE STRUCTURAL ENGINEER.

3. OTHER SPECIAL OPENING CASES MAY BE SHOWN ON THE STRUCTURAL DRAWINGS.

4. DO NOT PENETRATE BEAMS WITHIN THE LATERAL BRACING SYSTEM.

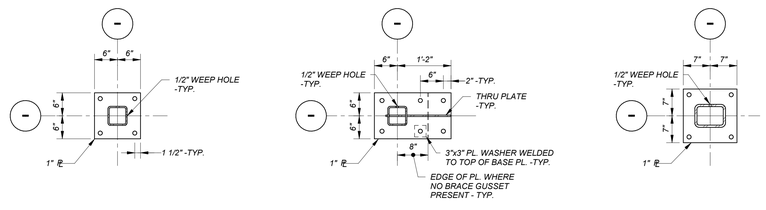
5. NO PENETRATIONS ARE PERMITTED IN ZONE 1.

6. SIZE PLATE EXTENSIONS "L" AND WELD "A" AS REQUIRED TO FULLY DEVELOP PLATES.

7. STEEL PLATES SHALL CONFORM TO ASTM A992 OR A572 Fy 50 KSI

LARGE BEAM PENETRATION

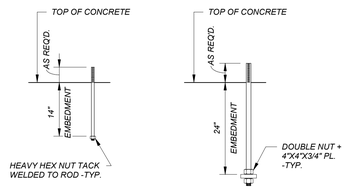
STEEL CONSTRUCTION — S20



HSS5x5 & HSS6x6 — TYPE A

HSS5x5 & HSS6x6 — TYPE A-BR

HSS8x6 — TYPE B-BR



3/4" DIAMETER F1554 GRADE 36 (AB-1)

1-1/4" DIAMETER F1554 GRADE 105 (AB-2)

ANCHOR ROD DETAILS

NOTES:

1. BASE PLATE TYPE NOTED ON PLAN AS BP-"X".
2. PROVIDE AB-1 ANCHOR RODS W/ TACK WELDED NUT AT ALL BASE PLATES UNLESS NOTED OTHERWISE.
3. PROVIDE AB-2 ANCHOR RODS W/ 4"x4"x3/4" PLATE WASHERS IN BETWEEN DOUBLE NUTS AT BRACE COLUMNS (NOTED ON PLANS AS BASE PLATE TYPE BP-"X" BR.)
4. PROVIDE 3"X3"X1/2" PLATE WASHERS UNDER NUTS ON TOP OF TYPE "X"-BR BASE PLATES. OVERSIZED HOLES IN BASE PLATES TO BE GROUTED SOLID PRIOR TO INSTALLING TOP NUTS AND WASHERS AND PLATE WASHERS TO BE WELDED ALL AROUND TO BASE PLATES. TYPICAL AT BRACE COLUMNS.
5. PROVIDE 1/4" LEVELING PLATE AND 3/4" NON-SHRINK GROUT UNDER ALL BASE PLATES.

BASE PLATE DETAILS

3/4" = 1'-0"

LAVALLEE BRENSINGER ARCHITECTS
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603.622.5450
www.LBPA.com

structural engineers
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STATE OF MAINE — DAVID P. MARTIN No. 15763 — LICENSED PROFESSIONAL ENGINEER

CENTRAL MAINE COMMUNITY COLLEGE

CMCC HEALTHCARE TRAINING EXPANSION

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

N

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT:	TYPICAL DETAILS III
DRAWN BY:	KMM
PROJECT NO:	25-061-11
DATE:	04/24/2026
REVISED:	
SCALE:	As indicated

S0.4

Project Phase: CONSTRUCTION DOCUMENTS

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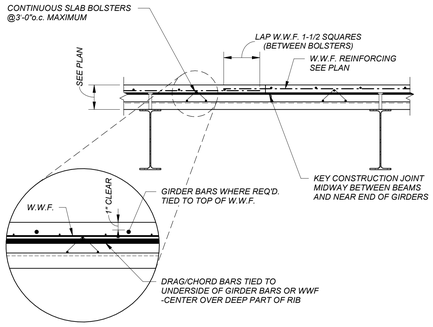
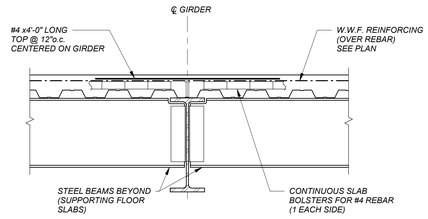


CONCRETE ON COMPOSITE DECK

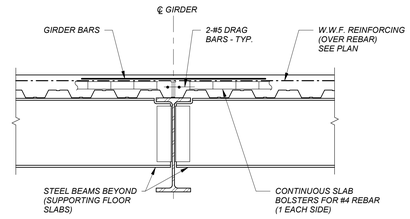
STEEL CONSTRUCTION — SD4



(ALSO PROVIDE REBAR AT BRACE BEAM/GIRDER LOCATIONS)

ADDED REBAR OVER GIRDERS

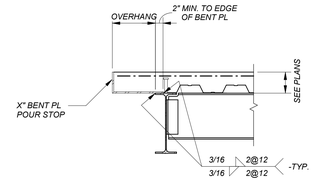
STEEL CONSTRUCTION — SD6



(ALSO PROVIDE REBAR AT BRACE BEAM/GIRDER LOCATIONS)

ADDED DRAG BARS

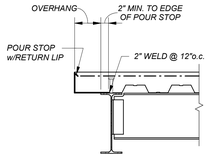
STEEL CONSTRUCTION — SD6



BENT PL POUR STOP DETAILS

STEEL CONSTRUCTION — SDXX

POUR STOP SCHEDULE 5-1/2" SLAB	
SLAB OVERHANG BEYOND EDGE OF BEAM FLANGE	POUR STOP GAUGE
<2"	18 GA.
2"+ TO 4"	16 GA.
4"+ TO 6"	14 GA.
6"+ TO 9"	12 GA.
9"+ TO 11"	10 GA.
>11"	5/16" BENT PL

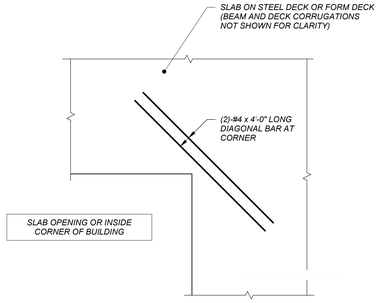


NOTES:

1. POUR STOP SCHEDULE INDICATES MINIMUM POUR STOP REQUIREMENTS. REFER TO SECTIONS AND DETAILS FOR FURTHER REQUIREMENTS.
2. IN THE CASE OF CONFLICT BETWEEN THE SCHEDULE AND DETAIL, THE DETAIL SHALL GOVERN.
3. IN CASES WHERE DECK RIBS ARE PERPENDICULAR TO AND CANTILEVER FROM SUPPORTING BEAMS, PROVIDE CONTINUOUS 18 GA. CELL CLOSURE PLUS 18. GA. POUR STOP ANGLE.

POUR STOP SCHEDULE AND DETAILS

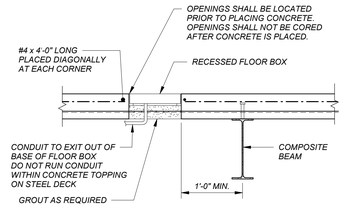
STEEL CONSTRUCTION — SD19



PLAN VIEW

ADDED REBAR AT INSIDE CORNERS

STEEL CONSTRUCTION — SD12



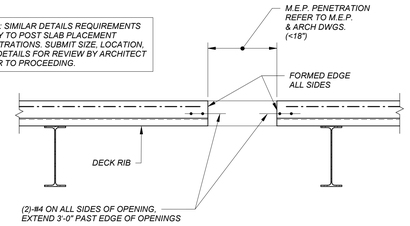
NOTE:

REFER TO ARCH. DRAWINGS FOR FLOOR BOX LOCATIONS.

FLOOR BOX EMBEDMENT

STEEL CONSTRUCTION — SD23

NOTE: SIMILAR DETAILS REQUIREMENTS APPLY TO POST SLAB PLACEMENT PENETRATIONS. SUBMIT SIZE, LOCATION, AND DETAILS FOR REVIEW BY ARCHITECT PRIOR TO PROCEEDING.



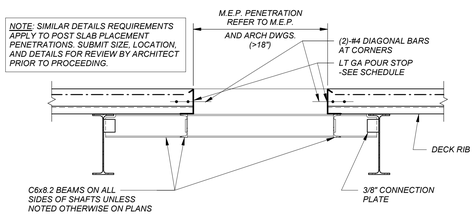
NOTE:

1. REFER TO ARCHITECTURAL AND M.E.P. DRAWINGS FOR SIZE AND LOCATION OF OPENINGS. COORDINATE WITH EQUIPMENT REQUIREMENTS. OPENINGS ARE NOT SHOWN ON THE STRUCTURAL PLANS. FOR BIDDING PURPOSES, ASSUME 50 OPENINGS WILL BE REQUIRED. INCLUDE ADD/DEDUCT UNIT PRICES IN THE BID.
2. DECK RUNS CONTINUOUSLY THROUGH PENETRATION DURING CONCRETE PLACEMENT, CUT DECK AFTER SLAB HAS REACHED FULL STRENGTH.

SMALL FLOOR PENETRATIONS (<18" WIDE PERPENDICULAR TO DECK RIBS)

STEEL CONSTRUCTION — SD24

NOTE: SIMILAR DETAILS REQUIREMENTS APPLY TO POST SLAB PLACEMENT PENETRATIONS. SUBMIT SIZE, LOCATION, AND DETAILS FOR REVIEW BY ARCHITECT PRIOR TO PROCEEDING.

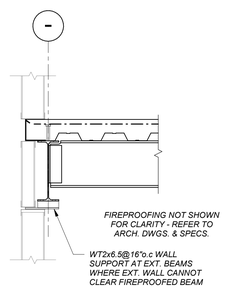


NOTES:

1. REFER TO ARCHITECTURAL AND M.E.P. DRAWINGS FOR SIZE AND LOCATION OF OPENINGS. COORDINATE WITH EQUIPMENT REQUIREMENTS. OPENINGS ARE NOT ALL SHOWN ON THE STRUCTURAL PLANS. FOR BIDDING PURPOSES, ASSUME 20 FRAMES WILL BE REQUIRED IN ADDITION TO THOSE SHOWN ON THE DRAWINGS. INCLUDE ADD/DEDUCT UNIT PRICES IN THE BID.
2. FRAMES ARE REQUIRED AT GROUPS OF PENETRATIONS WHERE THE AGGREGATE WIDTHS/DIAMETERS EXCEED 18" PERPENDICULAR TO THE RIBS, UNLESS ADEQUATE SPACING OF PENETRATIONS IS PROVIDED PER DECK PENETRATION GUIDELINES.
3. PROVIDE (2)-#4 x 4'-0" LONG DIAGONAL BARS AT RE-ENTRANT CORNERS CREATED BY FLOOR OPENINGS.

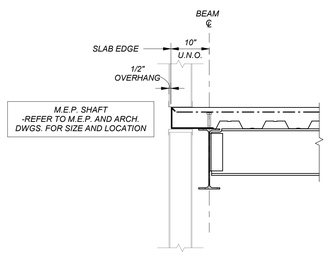
LARGE FLOOR PENETRATIONS (>18"<4'-0" WIDE PERPENDICULAR TO DECK RIBS)

STEEL CONSTRUCTION — SD25



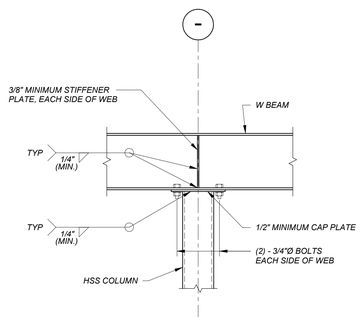
WALL TRACK SUPPORT CLIPS AT EXTERIOR FIREPROOFED W-BEAM

STEEL CONSTRUCTION — S23



MECHANICAL SHAFT FRAMING

STEEL CONSTRUCTION — S25



BEAM BEARING ON COLUMN CONNECTION

STEEL CONSTRUCTION — S26

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1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

N

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL

CONTENT: TYPICAL DETAILS IV

DRAWN BY:	KMM
PROJECT NO:	25-061-11
DATE:	04/24/2026
REVISED:	
SCALE:	As indicated

S0.5

Project Phase: CONSTRUCTION DOCUMENTS

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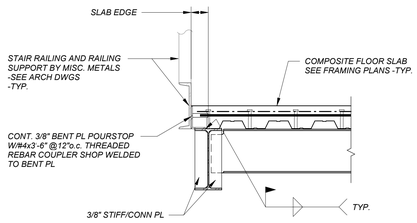
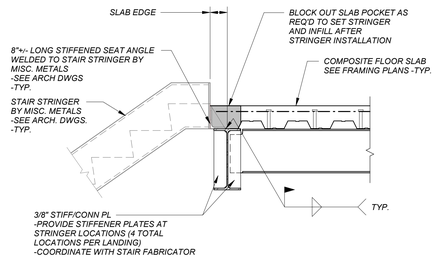


APPLIES AT FLOOR LANDING RAILING CONDITIONS AT ALL STAIRS
-COORDINATE W/ MISC. METAL STAIRS

STAIR LANDING RAILING CONNECTION

STEEL CONSTRUCTION

SXX

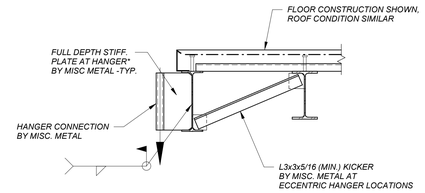


APPLIES AT FLOOR LANDINGS AT ALL STAIRS AT ALL LEVELS
-COORDINATE W/ MISC. METAL STAIRS

STAIR LANDING EDGE DETAIL

STEEL CONSTRUCTION

SXX



ECCENTRIC HANGER CONDITION SHOWN.
PROVIDE FULL DEPTH STIFF. PLATE EACH SIDE OF BEAM AT CONCENTRIC HANGER CONDITIONS.

BEAM BRACING AT STAIR HANGER

STEEL CONSTRUCTION

S21

LOOSE LINTEL SCHEDULE AT MASONRY

(BY MISC. METAL)

MASONRY OPENING	LINTEL SIZE		MIN. BEARING AT EACH END
UP TO 3'-0" (4)	L3-1/2 x 3-1/2 x 5/16		8"
3'-1" TO 4'-6"	L4 x 3-1/2 x 5/16	(4" LEG VERT.)	8"
4'-7" TO 6'-0"	L5 x 3-1/2 x 3/8	(5" LEG VERT.)	8"
6'-1" TO 8'-0"	L6 x 3-1/2 x 3/8	(6" LEG VERT.)	8"

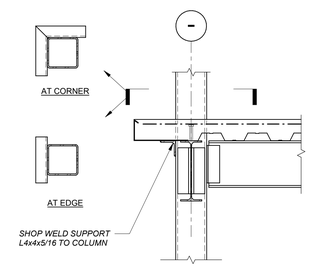
NOTES:

1. PROVIDE LINTELS OVER ALL OPENINGS (INCLUDING M.E.P. OPENINGS EXCEPT WHERE LINTEL BLOCKS ARE PROVIDED.
2. PROVIDE ONE ANGLE FOR EACH 4" OF WALL THICKNESS. FOR THICKER WALLS, PROVIDE A TEE OR BUILT-UP SECTION WITH PROPERITES EQUAL TO OR GREATER THAN THE RATIO IN INCREASE OF WALL THICKNESS.
3. ALL EXTERIOR LINTELS SHALL BE GALVANIZED BY THE HOT DIP PROCESS.
4. IF THE WIDTH OF THE OPENING IS LESS THAN THE LENGTH OF ONE BRICK OR CMU BLOCK THEN NO LINTEL IS REQUIRED.

LOOSE LINTEL SCHEDULE AT MASONRY

MASONRY CONSTRUCTION

M15

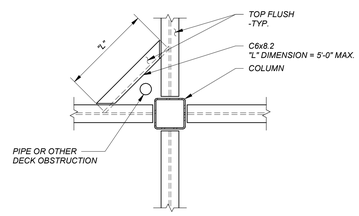


EXTERIOR COLUMN CONDITION SHOWN.
PROVIDE SIMILAR DETAIL AT INTERIOR COLUMNS WHERE APPLICABLE

DECK SUPPORT AT COLUMNS

STEEL CONSTRUCTION

SD18



PLAN VIEW

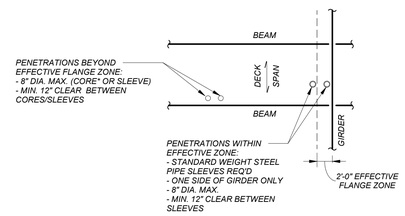
NOTE:

THIS DETAIL IS TO BE USED AT CONDITIONS WHERE DECK IS OBSTRUCTED BY OPENINGS, MOMENT CONNECTIONS, OR OTHER SIMILAR CONDITIONS.

DECK SUPPORT AT COLUMNS

STEEL CONSTRUCTION

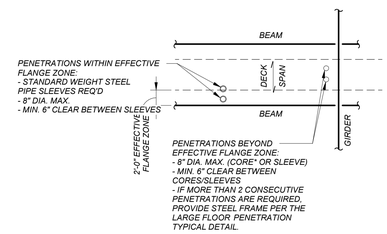
SD21



CONDITION 1
GROUPED PENETRATIONS PERPENDICULAR TO DECK SPAN

*PENETRATIONS MUST BE ONE SIDE OF BEAM ONLY, OTHERWISE STANDARD WEIGHT STEEL SLEEVES ARE REQUIRED

ADD'L NOTES:
1. NO ADDITIONAL REINFORCING REQUIRED PROVIDED THAT THE GUIDELINES ABOVE ARE SATISFIED.
2. OPENINGS MAY BE WITHIN 1" OF BEAM/GIRDER EDGE.
3. PROVIDE STEEL FRAME PER THE LARGE FLOOR PENETRATION TYPICAL DETAIL IF MORE THAN 2 CONSECUTIVE PENETRATIONS ARE REQUIRED.



CONDITION 2
GROUPED PENETRATIONS PARALLEL TO DECK SPAN

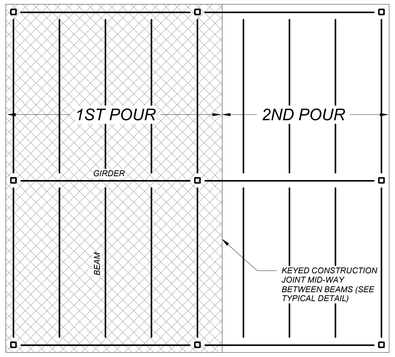
*PENETRATIONS MUST BE ONE SIDE OF GIRDER ONLY, OTHERWISE STANDARD WEIGHT STEEL SLEEVES ARE REQUIRED

ADD'L NOTES:
1. NO ADDITIONAL REINFORCING REQUIRED PROVIDED THAT THE GUIDELINES ABOVE ARE SATISFIED.
2. OPENINGS MAY BE WITHIN 1" OF BEAM/GIRDER EDGE.

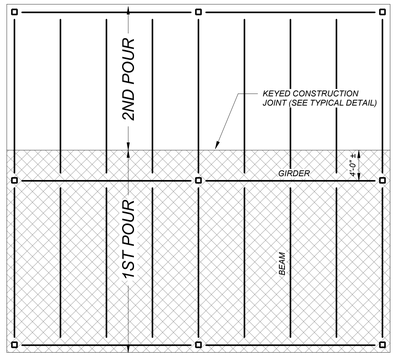
GROUPED PENETRATIONS THROUGH SLABS ON DECK

STEEL CONSTRUCTION

SD22



PARALLEL TO BEAMS

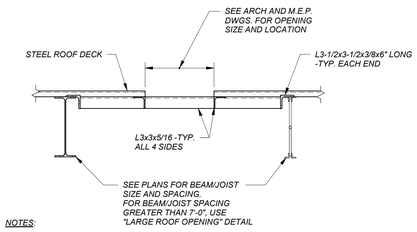


PARALLEL TO GIRDERS

CONSTRUCTION JOINT LAYOUT

CONCRETE ON METAL DECK

SD2



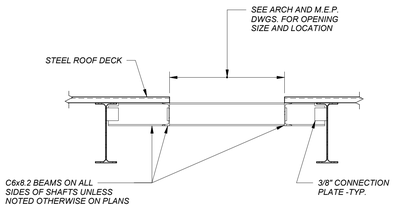
NOTES:

1. DETAIL ABOVE APPLIES TO OPENINGS IN ROOF STRUCTURE TO BE PROVIDED FOR ROOF DRAINS, FANS, M.E.P. SHAFTS, ETC.
2. REFER TO ARCHITECTURAL AND M.E.P. DRAWINGS FOR SIZE AND LOCATION OF OPENINGS. COORDINATE WITH EQUIPMENT REQUIREMENTS. OPENINGS ARE NOT ALL SHOWN ON THE STRUCTURAL PLANS. FOR BIDDING PURPOSES, ASSUME 50 OPENINGS WILL BE REQUIRED IN ADDITION TO THOSE SHOWN ON THE DRAWINGS. INCLUDE ADD/DEDUCT UNIT PRICES IN THE BID.
3. FRAMING SHOWN ON THE PLANS GOVERN OVER THAT WHICH IS INDICATED ON THE DETAIL ABOVE.
4. WHERE ADDED LOAD TO JOISTS OCCURS BETWEEN TOP CHORD PANEL POINTS, ADD L1-1/2x1-1/2x1/4 TO BOTTOM CHORD PANEL POINT.

SMALL ROOF OPENINGS (LESS THAN 18")

STEEL CONSTRUCTION

SD27



NOTES:

1. DETAIL ABOVE APPLIES TO OPENINGS IN ROOF STRUCTURE TO BE PROVIDED FOR M.E.P. SHAFTS, ROOF HATCHES, ETC.
2. REFER TO ARCHITECTURAL AND M.E.P. DRAWINGS FOR SIZE AND LOCATION OF OPENINGS. COORDINATE WITH EQUIPMENT REQUIREMENTS. OPENINGS ARE NOT ALL SHOWN ON THE STRUCTURAL PLANS. FOR BIDDING PURPOSES, ASSUME 20 FRAMES WILL BE REQUIRED IN ADDITION TO THOSE SHOWN ON THE DRAWINGS. INCLUDE ADD/DEDUCT UNIT PRICES IN THE BID.
3. FRAMING SHOWN ON THE PLANS GOVERN OVER THAT WHICH IS INDICATED ON THE DETAIL ABOVE.
4. WHERE ADDED LOAD TO JOISTS OCCURS BETWEEN TOP CHORD PANEL POINTS, ADD L1-1/2x1-1/2x1/4 TO BOTTOM CHORD PANEL POINT.

LARGE ROOF OPENINGS (LARGER THAN 18")

STEEL CONSTRUCTION

SD28

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CENTRAL MAINE COMMUNITY COLLEGE

CMCC HEALTHCARE TRAINING EXPANSION

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

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FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT: TYPICAL DETAILS V

DRAWN BY:	KMM
PROJECT NO:	25-061-11
DATE:	04/24/2026
REVISED:	
SCALE:	As indicated

S0.6

Project Phase
CONSTRUCTION DOCUMENTS

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CONT. FOOTING SCHEDULE

TYPE	DIMENSIONS WIDTH	DIMENSIONS DEPTH	REINFORCING	MAX. LOAD (KLF)
F2.0C	2' - 0"	12"	2-#5 CONT. BOT.	3.0

NOTE: BASED ON THE AGGREGATE PIER GROUND IMPROVEMENT SPECIFICATION SECTION 31 6613.13. GROUND IMPROVEMENT SHALL BE DESIGNED BY THE CONTRACTOR FOR THE MAXIMUM WALL LOADS LISTED IN THE CONTINUOUS FOOTING SCHEDULE. CONTINUOUS FOOTING SCHEDULE WALL LOADS ARE UNFACTORED (ASD) LOADS AND DO NOT INCLUDE THE WEIGHT OF THE OVERBURDEN.

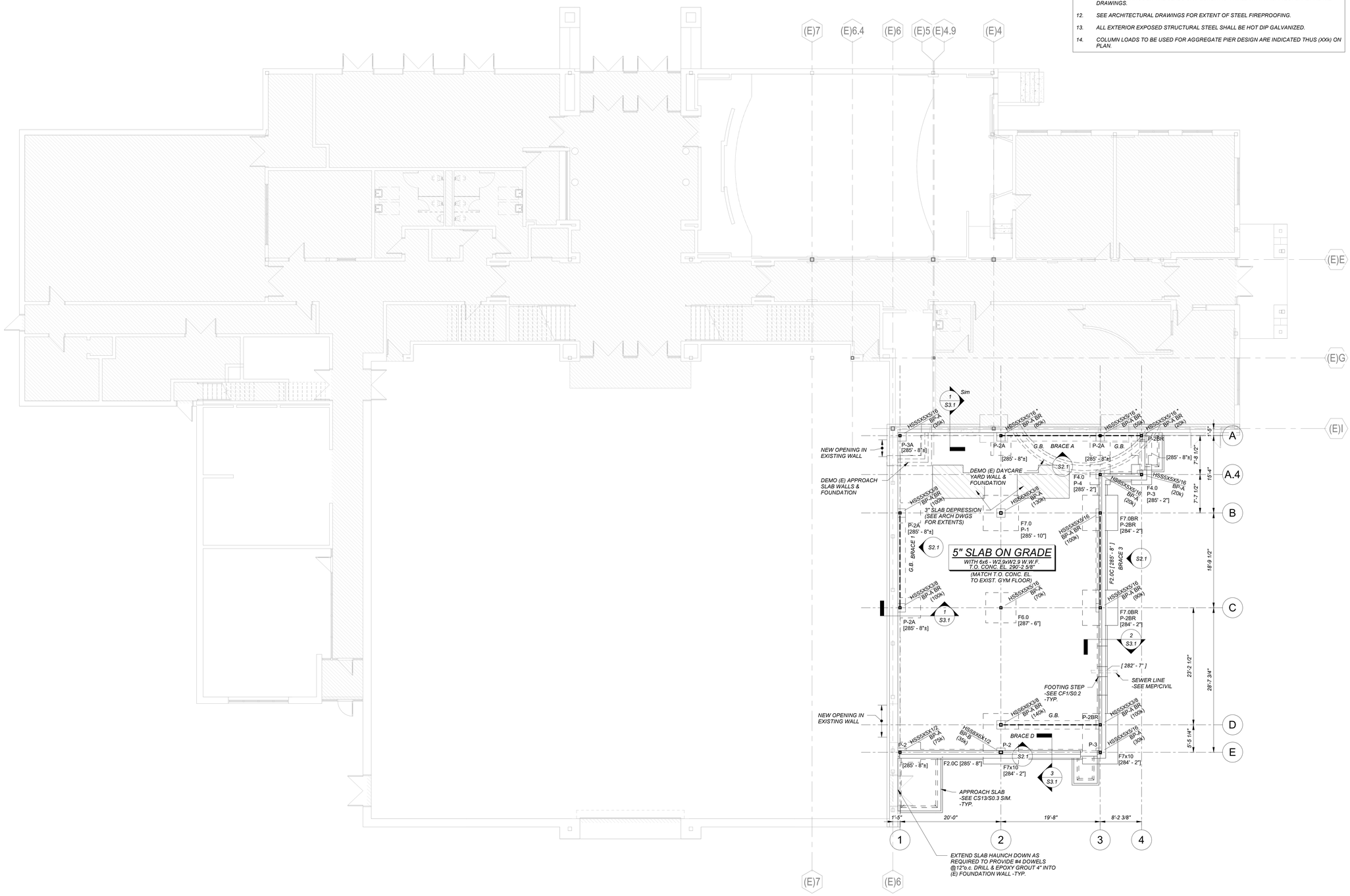
SPREAD FOOTING SCHEDULE

TYPE	DIMENSIONS WIDTH	DIMENSIONS LENGTH	DIMENSIONS DEPTH	REINFORCING
F4.0	4' - 0"	4' - 0"	18"	6-#5 BOT. EACH WAY
F6.0	6' - 0"	6' - 0"	20"	7-#7 BOT. EACH WAY
F7.0	7' - 0"	7' - 0"	22"	8-#7 BOT. EACH WAY
F7.0BR	7' - 0"	7' - 0"	30"	8-#7 TOP & BOT. EACH WAY
F7x10	7' - 0"	10' - 0"	30"	7-#5 BOT. SHORT DIR; 10-#5 BOT. LONG DIR.

NOTE: BASED ON THE AGGREGATE PIER GROUND IMPROVEMENT SPECIFICATION SECTION 31 6613.13. GROUND IMPROVEMENT SHALL BE DESIGNED BY THE CONTRACTOR FOR THE MAXIMUM COLUMN LOADS INDICATED THUS (XXk) ON PLAN. COLUMN LOADS ARE UNFACTORED (ASD) LOADS AND DO NOT INCLUDE THE WEIGHT OF THE OVERBURDEN. PROVIDE A MINIMUM OF TWO AGGREGATE PIERS AT EACH SPREAD FOOTING -TYP.

NOTES:

1. FOR GENERAL NOTES AND TYPICAL DETAILS REFER TO DRAWINGS S0.1 THROUGH S0.6.
2. FOR TOP OF CONCRETE EL. SEE PLAN.
3. INDICATES A DEPRESSION. REFER TO ARCHITECTURAL DRAWINGS FOR DEPTH AND EXTENTS. COORDINATE WITH FLOORING MANUFACTURER.
4. COLUMN SIZES ARE SHOWN ON PLANS AT THEIR LOWEST LEVELS OR AT SPLICES. REFER TO FOUNDATION PLANS AND FRAMING PLANS.
5. FOR PIER, PILASTER AND BASE PLATE DETAILS REFER TO DRAWING S0.3 & S0.4.
6. BR-X INDICATES A BRACED FRAME IN THE LATERAL LOAD RESISTING SYSTEM. FOR ELEVATIONS AND DETAILS REFER TO DRAWINGS S2.1.
7. * INDICATES EXPOSED TO VIEW STRUCTURAL STEEL (E.V.S.S.). REFER TO THE SPECIFICATION FOR SURFACE PREPARATION AND FINISH REQUIREMENTS. COORDINATE LOCATIONS OF E.V.S.S. WITH ARCHITECTURAL DRAWINGS. ALL E.V.S.S. TO RECEIVE INTUMESCENT PAINT UNLESS NOTED OTHERWISE.
8. "G.B." INDICATES A REINFORCED CONCRETE GRADE BEAM. SEE SECTIONS FOR SIZE AND REINFORCING. EXTEND AND HOOK LONGITUDINAL REINFORCING INTO FOOTING/PIER AT EACH END AND PROVIDE CLASS B SPLICES WHERE REQUIRED.
9. ESTIMATED ELEVATION OF BOTTOM OF FOOTING IS INDICATED THUS [X'-X"] ON PLAN. BOTTOM OF EACH EXTERIOR FOOTING SHALL BE A MINIMUM OF 4'-0" BELOW ADJACENT FINISH GRADE.
10. REFER TO ARCHITECTURAL DRAWINGS FOR DOOR THRESHOLDS AND SLOPING SLABS TO DRAINS.
11. COORDINATE DIMENSIONS AND LOCATIONS OF ANY PIPES OR DUCTS TO BE PLACED UNDER OR THROUGH THE SLABS OR FOUNDATION WALL WITH ARCHITECTURAL AND MEP DRAWINGS.
12. SEE ARCHITECTURAL DRAWINGS FOR EXTENT OF STEEL FIREPROOFING.
13. ALL EXTERIOR EXPOSED STRUCTURAL STEEL SHALL BE HOT DIP GALVANIZED.
14. COLUMN LOADS TO BE USED FOR AGGREGATE PIER DESIGN ARE INDICATED THUS (XXk) ON PLAN.



LEVEL 1 FOUNDATION PLAN

1/8" = 1'-0"

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NO.	DESCRIPTION	DATE

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FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT: LEVEL 1 FOUNDATION PLAN

DRAWN BY:	KMM
PROJECT NO:	25-061-11
DATE:	04/24/2026
REVISED:	
SCALE:	As indicated

S1.1

Project Phase
CONSTRUCTION DOCUMENTS

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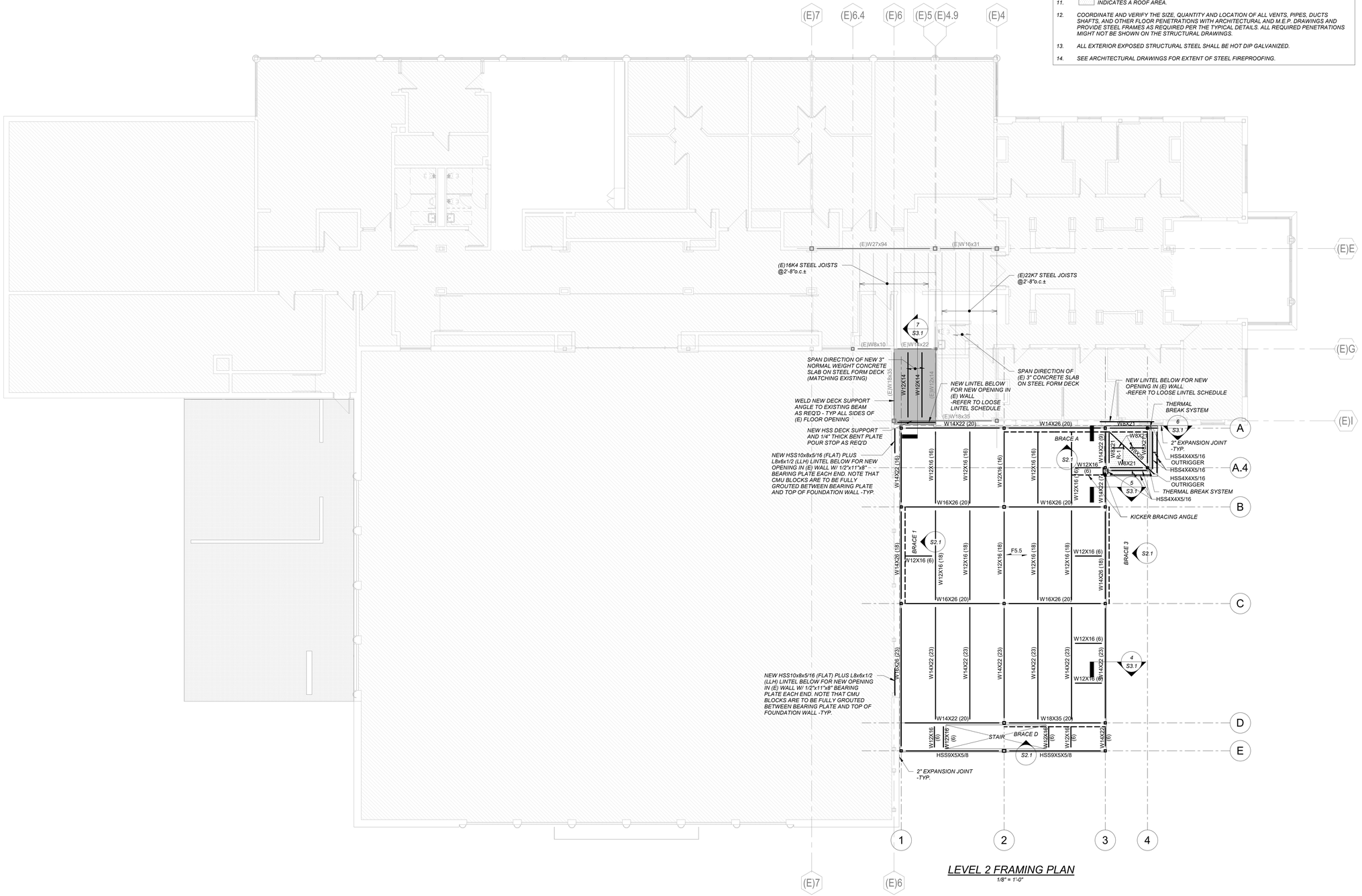
NOTES:

1. FOR GENERAL NOTES AND TYPICAL DETAILS REFER TO DRAWINGS S0.1 THROUGH S0.6.
2. LEVEL 2 FLOOR TOP OF STEEL ELEVATION = 303'-10 1/2". UNLESS NOTED OTHERWISE ON PLAN OR IN SECTIONS.
3. F5.5 INDICATES SPAN DIRECTION OF FLOOR CONSTRUCTION CONSISTING OF 3 1/2" MINIMUM NORMAL WEIGHT CONCRETE TOPPING WITH 6x6-W2.9xW2.9 W.W.F. SUPPORTED WITH SLAB BOLSTERS, AND 2" DEEP x 18 GAUGE GALVANIZED COMPOSITE STEEL FLOOR DECK. MINIMUM TOTAL THICKNESS = 5 1/2". POUR SLABS LEVEL, ACCOUNTING FOR ADDITIONAL CONCRETE DUE TO STRUCTURAL FRAMING AND DECK DEFLECTIONS (AVERAGE OF 3/4" OVER THE ENTIRE FLOOR AREA).
4. (XX) INDICATES THE NUMBER OF EQUALLY SPACED 3/4" DIA. x 4" LONG HEADED SHEAR CONNECTOR STUDS WELDED TO THE CENTER OF THE TOP FLANGE OF THE BEAM OR GIRDER. PROVIDE A MINIMUM OF ONE STUD PER FOOT LENGTH AT ALL BEAMS SUPPORTING COMPOSITE FLOOR DECK.
5. COLUMN SIZES ARE SHOWN ON PLANS AT THEIR LOWEST LEVELS OR AT SPLICES. REFER TO FOUNDATION PLANS AND FRAMING PLANS.
6. INDICATES A FULL CAPACITY MOMENT CONNECTION.
7. BR-X INDICATES A BRACED FRAME IN THE LATERAL LOAD RESISTING SYSTEM. FOR ELEVATIONS AND DETAILS REFER TO DRAWING S2.1.
8. "D.B." INDICATES 2-#5 DRAG BARS IN CONCRETE SLAB. PLACE ONE BAR ON EACH SIDE OF THE BRACED FRAME BEAM AND BOTH BARS ON SAME SIDE WHERE THE FRAME IS NEAR THE EDGE OF SLAB. EXTEND BARS ONE BAY (MIN.) EACH SIDE OF BRACE BAY. PROVIDE CLASS B SPLICES WHERE REQUIRED.
9. * INDICATES EXPOSED TO VIEW STRUCTURAL STEEL. REFER TO SPECIFICATIONS FOR SURFACE PREPARATION AND FINISH REQUIREMENTS. COORDINATE LOCATIONS OF E.V.S.S. WITH ARCHITECTURAL DRAWINGS. ALL E.V.S.S. TO RECEIVE INTUMESCENT PAINT UNLESS NOTED OTHERWISE.
10. R1.5 INDICATES SPAN DIRECTION OF ROOF CONSTRUCTION CONSISTING OF 1 1/2" DEEP x 18 GAUGE GALVANIZED WIDE RIB STEEL ROOF DECK.
11. INDICATES A ROOF AREA.
12. COORDINATE AND VERIFY THE SIZE, QUANTITY AND LOCATION OF ALL VENTS, PIPES, DUCTS SHAFTS, AND OTHER FLOOR PENETRATIONS WITH ARCHITECTURAL AND M.E.P. DRAWINGS AND PROVIDE STEEL FRAMES AS REQUIRED PER THE TYPICAL DETAILS. ALL REQUIRED PENETRATIONS MIGHT NOT BE SHOWN ON THE STRUCTURAL DRAWINGS.
13. ALL EXTERIOR EXPOSED STRUCTURAL STEEL SHALL BE HOT DIP GALVANIZED.
14. SEE ARCHITECTURAL DRAWINGS FOR EXTENT OF STEEL FIREPROOFING.



LEVEL 2 FRAMING PLAN
1/8" = 1'-0"

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CONTENT:
LEVEL 2 FRAMING PLAN

DRAWN BY:	KMM
PROJECT NO:	25-061-11
DATE:	04/24/2026
REVISED:	
SCALE:	As indicated

S1.2

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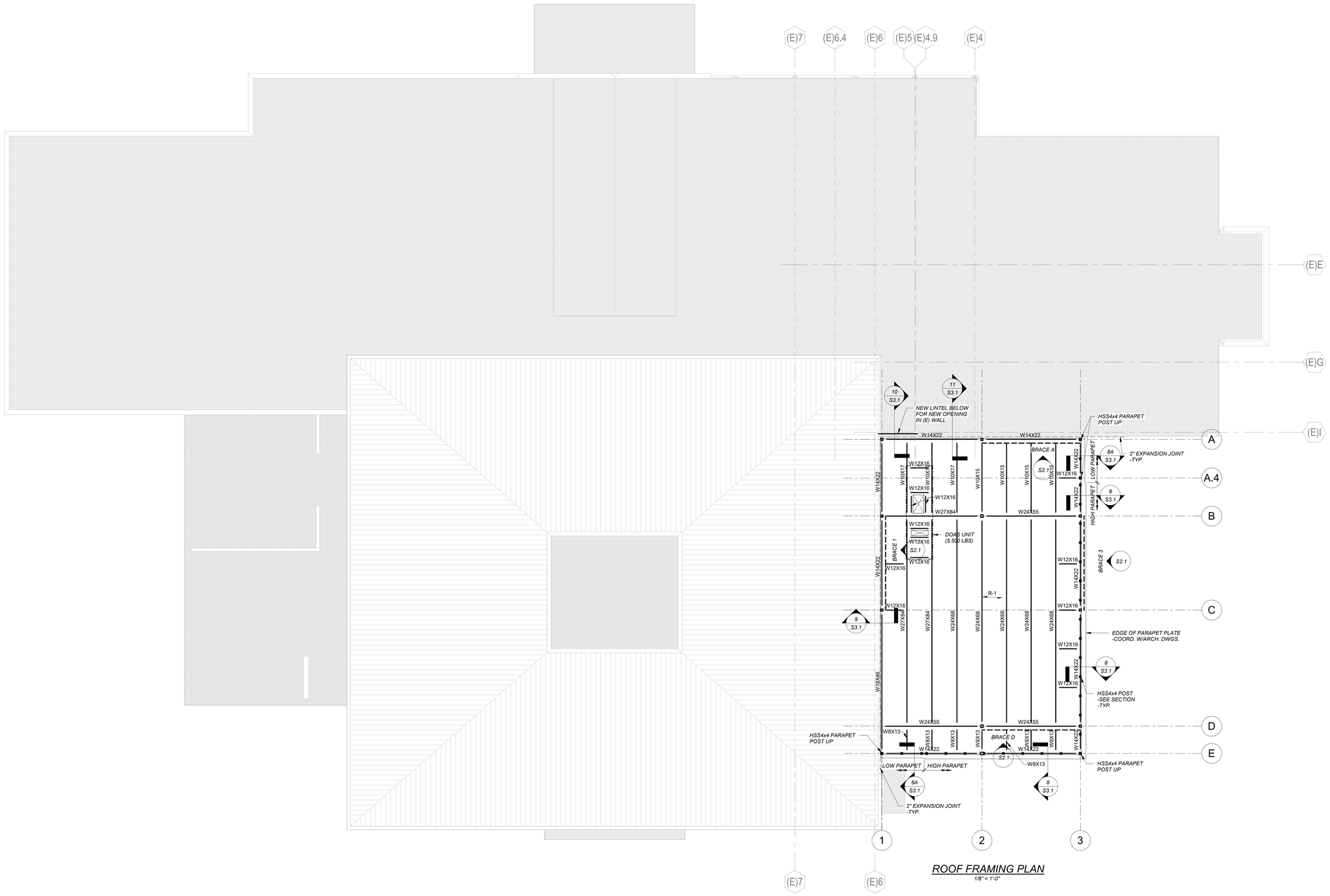
NOTES:

1. FOR GENERAL NOTES AND TYPICAL DETAILS REFER TO DRAWINGS S0.1 THROUGH S0.6.
2. R1.5 INDICATES SPAN DIRECTION OF ROOF CONSTRUCTION CONSISTING OF 1 1/2" DEEP x 18 GAUGE GALVANIZED WIDE RIB STEEL ROOF DECK.
3. ROOF TOP OF STEEL ELEVATION = 317'-4" UNLESS NOTED OTHERWISE ON PLAN OR IN SECTIONS.
4. INDICATES A FULL CAPACITY MOMENT CONNECTION.
5. BR-X INDICATES A BRACED FRAME IN THE LATERAL LOAD RESISTING SYSTEM. FOR ELEVATIONS AND DETAILS REFER TO DRAWING S2.1.
6. * INDICATES EXPOSED TO VIEW STRUCTURAL STEEL. REFER TO SPECIFICATIONS FOR SURFACE PREPARATION AND FINISH REQUIREMENTS. COORDINATE LOCATIONS OF E.V.S.S. WITH ARCHITECTURAL DRAWINGS. ALL E.V.S.S. TO RECEIVE INTUMESCENT PAINT UNLESS NOTED OTHERWISE.
7. ALL EXTERIOR EXPOSED STRUCTURAL STEEL SHALL BE HOT DIP GALVANIZED.
8. SEE ARCHITECTURAL DRAWINGS FOR EXTENT OF STEEL FIREPROOFING.
9. COORDINATE AND VERIFY THE SIZE, QUANTITY AND LOCATION OF ALL ROOF DRAINS (NOTED ON PLAN AS "R.D."), VENTS, DUCTS, SKYLIGHTS AND OTHER ROOF PENETRATIONS WITH THE ARCHITECTURAL AND MEP DRAWINGS AND PROVIDE STEEL FRAMES AS REQUIRED PER THE TYPICAL DETAILS. ALL REQUIRED PENETRATIONS MIGHT NOT BE SHOWN ON THE STRUCTURAL DRAWINGS.



ROOF FRAMING PLAN
1/8" = 1'-0"

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CONTENT:
ROOF FRAMING PLAN

DRAWN BY:	KMM
PROJECT NO:	25-061-11
DATE:	04/24/2026
REVISED:	
SCALE:	As indicated

S1.3

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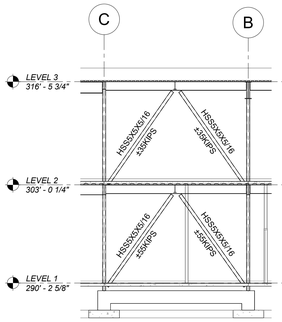
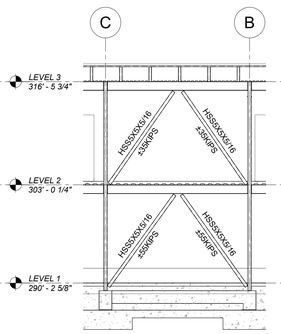
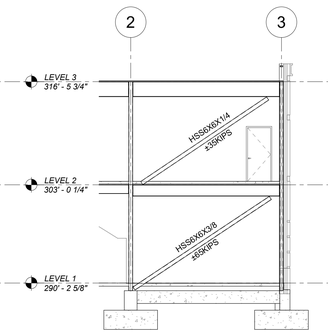


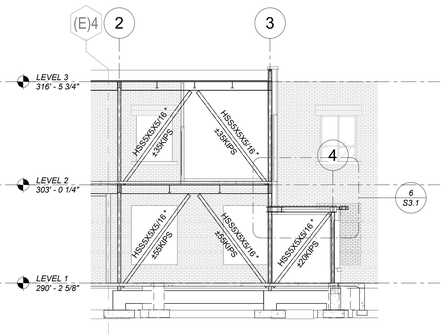
BRACE 1
1/8" = 1'-0"



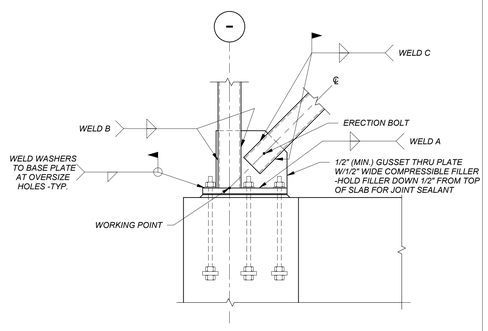
BRACE 3
1/8" = 1'-0"



BRACE D
1/8" = 1'-0"



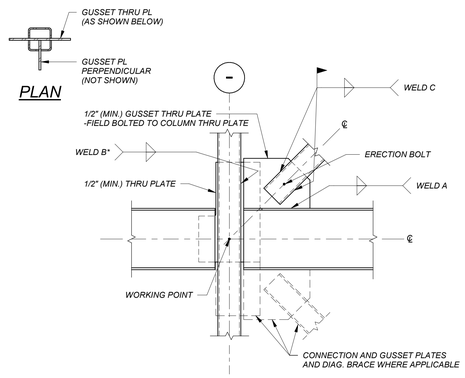
BRACE A
1/8" = 1'-0"



HSS COLUMN BASE AT BRACE DETAIL

STEEL BRACE CONSTRUCTION BF1

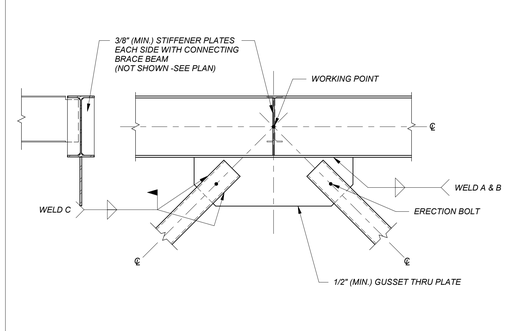
A DETAIL
3/4" = 1'-0"



HSS COLUMN TO W BEAM BRACE DETAIL

STEEL BRACE CONSTRUCTION BF6

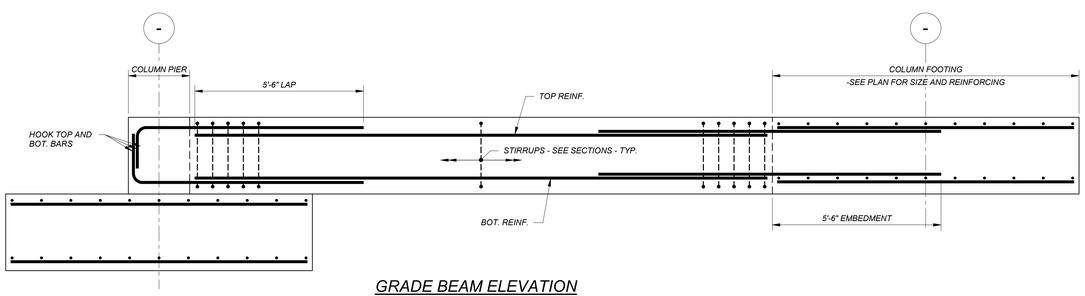
B DETAIL
3/4" = 1'-0"



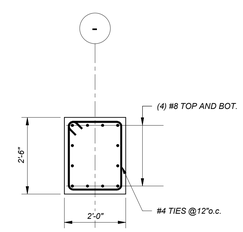
W BEAM BRACE DETAIL

STEEL BRACE CONSTRUCTION BF9

C DETAIL
3/4" = 1'-0"



GRADE BEAM ELEVATION
1/2" = 1'-0"



GRADE BEAM SECTION
1/2" = 1'-0"

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CONTENT:
BRACE ELEVATIONS

DRAWN BY:	KMM
PROJECT NO:	25-061-11
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REVISED:	
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Project Phase
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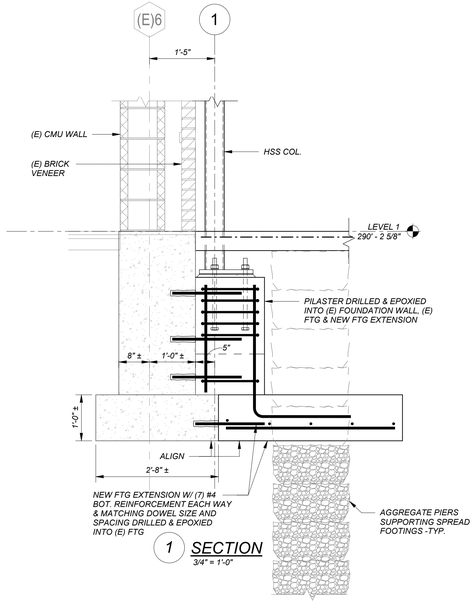
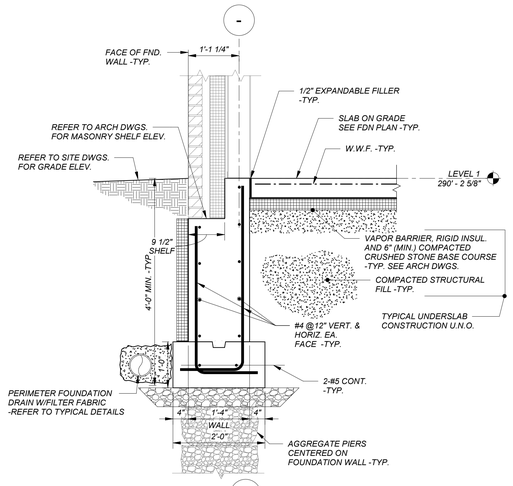
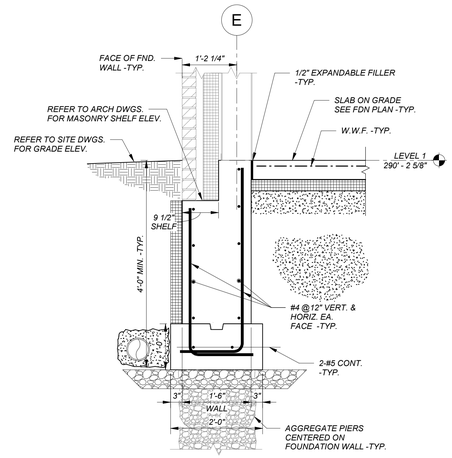


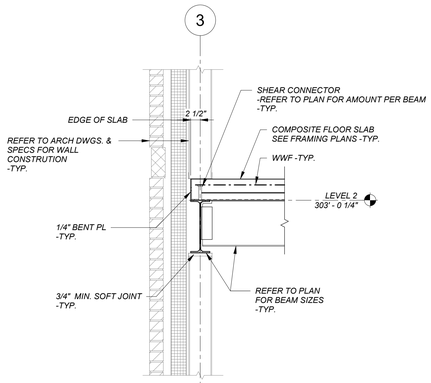
1 SECTION
3/4" = 1'-0"



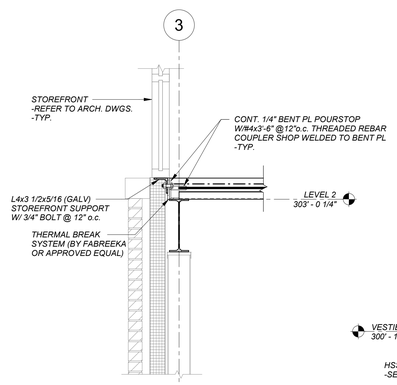
2 SECTION
3/4" = 1'-0"



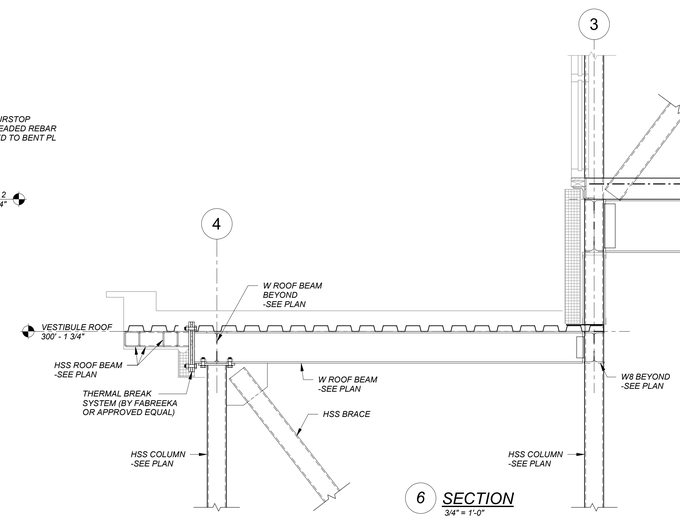
3 SECTION
3/4" = 1'-0"



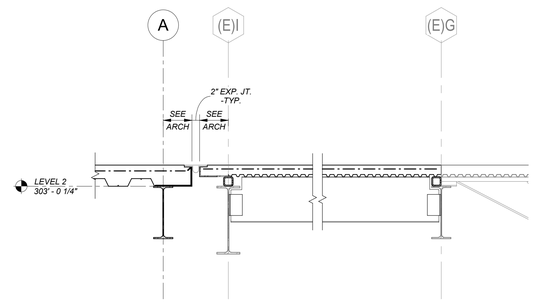
4 SECTION
3/4" = 1'-0"



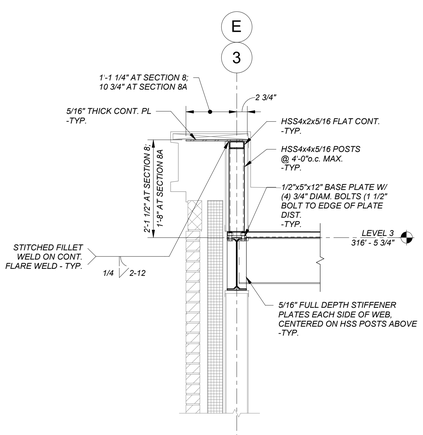
5 SECTION
3/4" = 1'-0"



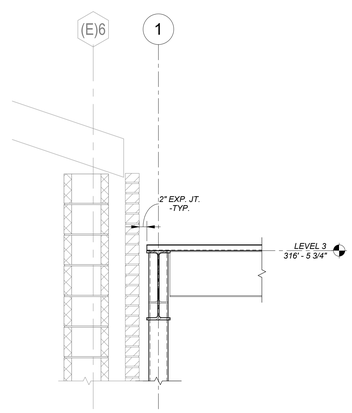
6 SECTION
3/4" = 1'-0"



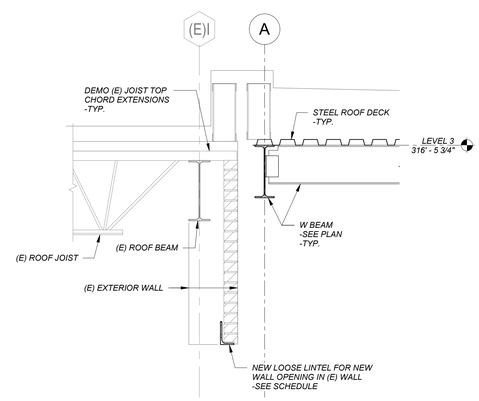
7 SECTION
3/4" = 1'-0"



8A 8 SECTION
3/4" = 1'-0"



9 SECTION
3/4" = 1'-0"



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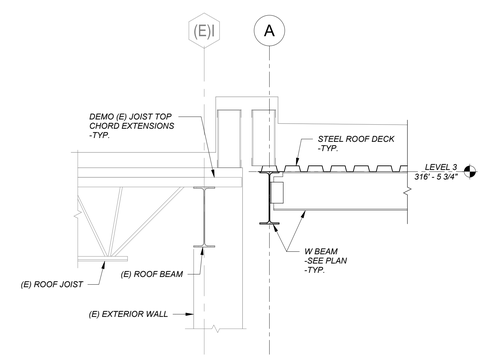
3/4" = 1'-0"



11 SECTION
3/4" = 1'-0"

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CMCC HEALTHCARE TRAINING EXPANSION

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

N

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT: SECTIONS

DRAWN BY:	KMM
PROJECT NO:	25-061-11
DATE:	04/24/2026
REVISED:	
SCALE:	As indicated

S3.1

Project Phase
CONSTRUCTION DOCUMENTS

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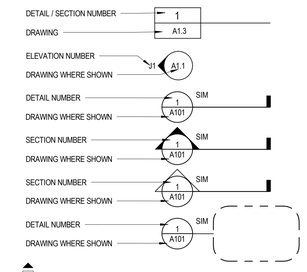
SYMBOLS LEGEND



1	CURTAIN WALL / STOREFRONT TYPE	ROOM 101	ROOM NAME AND NUMBER
1	WINDOW / LOUVER TYPE / FRAME TYPE	101	DOOR NUMBER
1 A	ACCESSORY TYPE	1	PARTITION TYPE
WPA	WALL PROTECTION TYPE	PT-1	ACCENT PAINT TYPE
C1	DEMOLITION NOTE		INDICATES ALIGNMENT BETWEEN ADJACENT PARTITION FINISHES
1	REVISION		WORK POINT, CONTROL POINT, OR DATUM POINT.
	INDICATES BARRIER FREE ACCESS. ITEM DESIGNATED THUS MUST COMPLY WITH LATEST EDITION STATE BARRIER FREE CODE AND FEDERAL ADA LEGISLATION.		NOT IN SCOPE OF WORK

MATERIAL DESIGNATION:
XX XX XX - XXXXXXX (X) XXXX

- ADDITIONAL MATERIAL TEXT
- REFER TO STRUCTURAL(S), MECHANICAL(M), ELECTRICAL(E)
- MATERIAL NAME
- REFERENCE SPECIFICATIONS NUMBER

GRAPHICS LEGEND

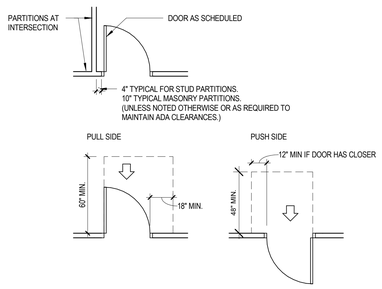
GRAVEL	NEW CONSTRUCTION
LOAM / EARTH	EXISTING CONSTRUCTION TO REMAIN
STRUCTURAL FILL	EXISTING CONSTRUCTION TO BE REMOVED
CMU PARTITION	
CONCRETE	EXISTING DOOR TO REMAIN
STEEL	
ALUMINUM	
BRICK	NEW DOOR AND FRAME
GWB	NEW COLUMN GRID INDICATORS
GWB SHEATHING	EXISTING COLUMN GRID INDICATORS
PLYWOOD	
WOOD BLOCKING	SPRAY FOAM INSULATION
FINISH WOOD	THERMAL OR ACOUSTIC FIBERGLASS INSULATION, UNO.
RIGID INSULATION	SPRAYED-ON FIREPROOFING

CEILING LEGEND

2' x 4' ACT	TYPE 01 (X'-XX" AFF)	CEILING TYPE CEILING HEIGHT
2' x 2' ACT		

NOTE: SEE MECHANICAL, ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
NOTE: SEE RATING PLANS FOR LOCATIONS OF RATED CEILING.

DOOR CLEARANCES



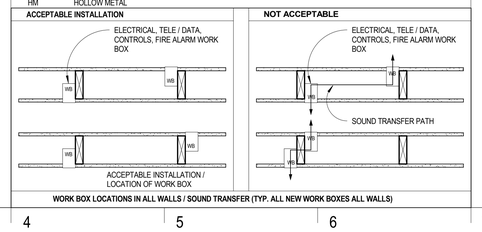
GENERAL NOTES

1. DIMENSIONS ARE PROVIDED AS FOLLOWS:
   - ALL DIMENSIONS ON PLANS ARE TO FACE OF MASONRY OR FACE OF STUD, UNO.
   - ALL DIMENSIONS ON INTERIOR ELEVATIONS, REFLECTED CEILING PLANS, AND INTERIOR FINISH (AI) PLANS ARE TO FACE OF FINISH, UNO.
   - ALL OPENINGS IN MASONRY CONSTRUCTION ARE TO FACE OF MASONRY, UNO.
   - ALL DIMENSIONS TO EXISTING WALLS ARE TO FACE OF FINISH.
2. ALL SPLAYS SHOWN ON PLANS ARE 45°, UNO.
3. REFERENCE CODE ANALYSIS KEY PLAN AND SPECIFICATIONS FOR EXTENT OF FIREPROOFING.
4. ALL EXPOSED MECHANICAL AND ELECTRICAL SERVICES IN AREAS WITHOUT CEILINGS SHALL BE CAREFULLY COORDINATED AND ORGANIZED SO AS TO PROVIDE A NEAT AND ORDERLY APPEARANCE. SERVICES SHALL BE RUN IN STRAIGHT LINES PARALLEL OR PERPENDICULAR TO EXPOSED STRUCTURE. ALL SERVICES SHALL BE RUN WITHIN OR BETWEEN EXPOSED STRUCTURE TO THE EXTENT POSSIBLE. LAYOUTS FOR PROPOSED SERVICES SHALL BE REVIEWED WITH THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
5. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR VERIFYING DIMENSIONS. ALL DISCREPANCIES BETWEEN ANTICIPATED AND ACTUAL CONDITIONS SHALL BE PROMPTLY BROUGHT TO THE ARCHITECT'S ATTENTION.
6. CONTRACTOR SHALL PROVIDE FULLY ENGINEERED STAMPED DRAWINGS FOR ALL NEW PARTITIONS WITH SPECIAL CONDITIONS AS CALLED FOR IN THE SPECIFICATIONS 09 21 16 SECTION 1.04 SUBMITTALS.

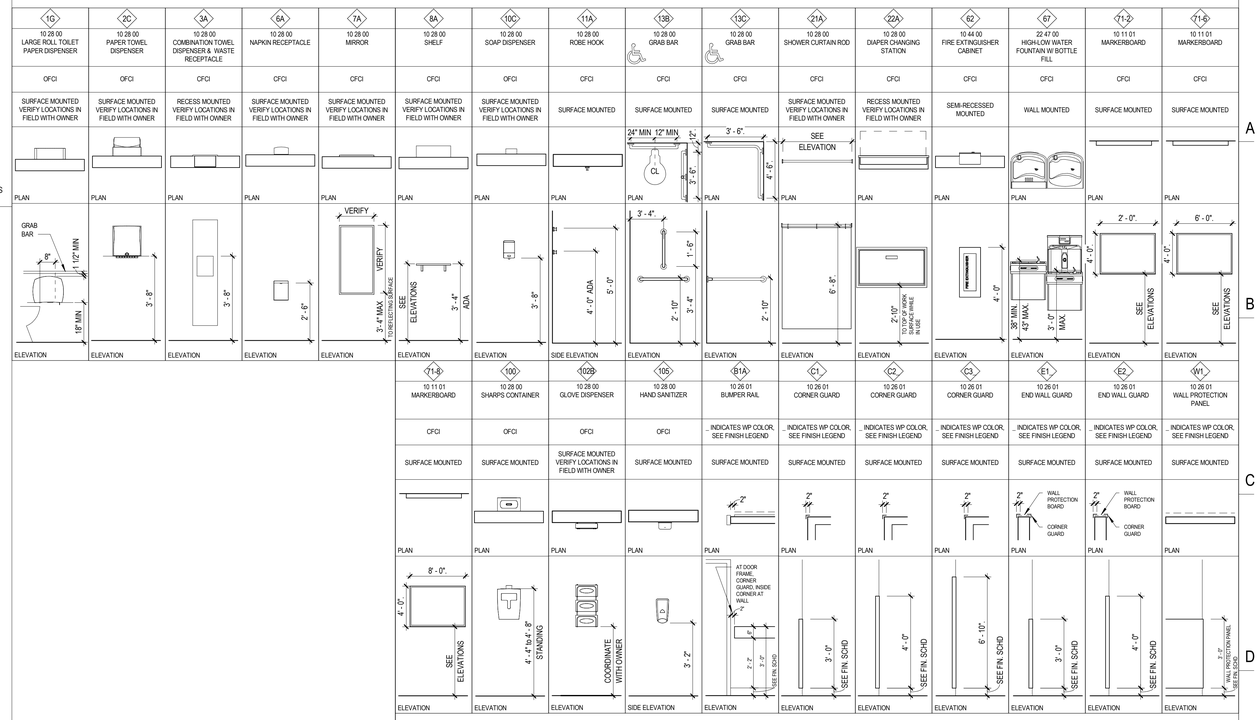
TABLE OF ABBREVIATIONS

THE FOLLOWING TABLE OF ABBREVIATIONS IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. IT IS NOT INTENDED TO SERVE AS A COMPLETE LIST OF ALL ABBREVIATIONS TO BE FOUND IN THE CONTRACT DOCUMENTS. SHOULD THE CONTRACTOR REQUIRE ANY CLARIFICATION OR INTERPRETATION HEREOF, HE SHALL PROMPTLY SO NOTIFY THE ARCHITECT.

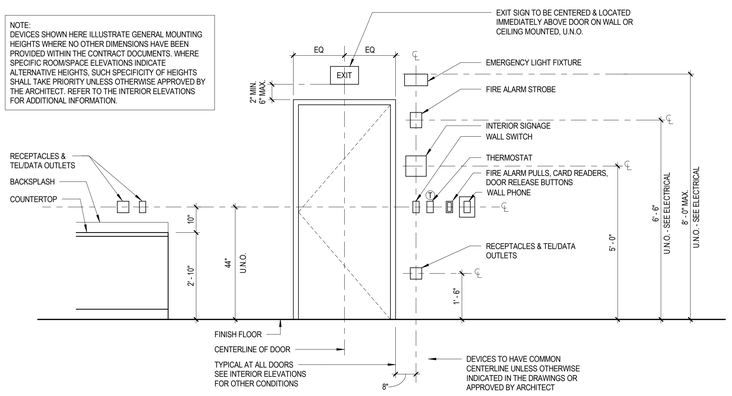
&	AND	HORIZ	HORIZONTAL
∠	ANGLE	INCL	INCLUDE (ING)
@	AT	ID	INSIDE DIAMETER
℄	CENTER LINE	IG	INSULATED GLAZING
°	DEGREES	INSUL	INSULATION
'	FEET	IWB	INTERACTIVE WHITE BOARD
"	INCHES	INT	INTERIOR
d	PENNY	INV	INVERT
±	PLUS OR MINUS	JAN	JANITOR
#	POUNDS, NUMBER	JT	JOINT
P	PROPERTY LINE	KD	KILN DRIED / KNOCK DOWN
⌀	ROUND, DIAMETER	KIT	KITCHEN
(T)	TEMPERED	KO	KNOCK OUT
AFF	ABOVE FINISHED FLOOR	LAV	LAVATORY
AP	ACCESS PANEL	LH	LEFT HAND
AP	ACOUSTIC PANEL	LxWxH	LENGTH x WIDTH x HEIGHT
ACT	ACOUSTICAL CEILING TILE	LT	LIGHT
ADJ	ADJUSTABLE	LF	LINEAR FEET
AGG	AGGREGATE	MFR	MANUFACTURER
A/C	AIR CONDITIONING	MB	MARKER BOARD
ALT	ALTERNATE	MAS	MASONRY
ALUM	ALUMINUM	MO	MASONRY OPENING
AB	ANCHOR BOLT	MAX	MAXIMUM
ANOD	ANODIZED	MECH	MECHANICAL
AOR	AREA OF REFUGE	MC	MEDICINE CABINET
APP'D	APPROVED	MED	MEDIUM
ARCH	ARCHITECT (URAL)	MTL	METAL
AUTO	AUTOMATIC	MS	METAL SURFACE
BSMT	BASEMENT	MIN	MINIMUM
BRG	BEARING	MISC	MISCELLANEOUS
BP	BEARING PLATE	MR	MOISTURE RESISTANT
BM	BENCH MARK	MLDG	MOLDING
BIT	BITUMINOUS	NAT	NATURAL
BLKG	BLOCKING	NS	NATURAL STONE
BD	BOARD	NRC	NOISE REDUCTION COEFFICIENT
BS	BOTH SIDES	NA	NOT APPLICABLE
BOT	BOTTOM	NTS	NOT TO SCALE
BO	BOTTOM OF	NIC	NOT IN CONTRACT
FC	BROADLOOM CARPET	NO	NUMBER
BLDG	BUILDING	OC	ON CENTER
BO	BY OWNER / BY OTHER	OPNG	OPENING
CAB	CABINET	OPP	OPPOSITE
CUH	CABINET UNIT HEATER	OD	OUTSIDE DIAMETER
FC	CARPET TILE	O/O	OUTSIDE TO OUTSIDE
CB	CATCH BASIN	OA	OVERALL
CLG	CEILING	OH	OVERHEAD
CEM	CEMENT	OFCI	OWNER FURNISHED OWNER INSTALLED
CL	CENTER LINE	OFCI	OWNER FURNISHED CONTRACTOR INSTALLED
TC	CERAMIC TILE	P	PAINT
CB	CHALKBOARD	PTD	PAINTED
CIRC	CIRCULAR	PT	PAINTED SURFACE
CLR	CLEAR	PR	PAIR
CP	COAT PEGS	PART	PARTITION
CM	CONSTRUCTION MANAGER	PTM	PATCH TO MATCH
CMU	CONCRETE MASONRY UNIT	PVMT	PAVEMENT
CJ	CONTROL JOINT	PERF	PERFORATED
CF	CUBIC FEET	PERIM	PERIMETER
CY	CUBIC YARDS	PLAS	PLASTIC
COL	COLUMN	PLAM-PL	PLASTIC LAMINATE
CONC	CONCRETE	PL	PLATE
CONT	CONTINUOUS	PLUMB	PLUMBING
CG	CORNER GUARD	PLYWD	PLYWOOD
CORR	CORRUGATED	PVC	POLY VINYL CHLORIDE
CC	CUBILICLE CURTAIN	PREFIN	PREFINISHED
DP	DECORATIVE PANEL	PT	PRESSURE TREATED
DT	DECORATIVE TRIM	R,RAD	RADIUS
DEMO	DEMOLISH / DEMOLITION	REF	REFERENCE
DTL	DETAIL	REFRIG	REFRIGERATOR
DIAG	DIAGONAL	REINF	REINFORCE
DIA	DIAMETER	REQ'D	REQUIRED
DIM	DIMENSION	RF	RESILIENT FLOORING
D/W	DISHWASHER	RP	RESIN PANEL
DIV	DIVIDE / DIVISION	REV	REVERSE
DR	DOOR	RH	RIGHT HAND
DBL	DOUBLE	RD	ROOF DRAIN
DN	DOWN	RM	ROOM
DWG	DRAWING	RO	ROUGH OPENING
DF	DRINKING FOUNTAIN	SC	SEALED CONCRETE
EA	EACH	SHT	SHEET
EF	EACH FACE	SIM	SIMILAR
EW	EACH WAY	SS	SOLID SURFACE
ELEC	ELECTRICAL	STC	SOUND TRANSMISSION COEFFICIENT
EP	ELECTRICAL PANEL BOARD	SP	SPECIALTY PAINT
EWC	ELECTRIC WATER COOLER	SPEC	SPECIFICATIONS / SPECIFIED
EL	ELEVATION	SQ	SQUARE
ELEV	ELEVATOR	SF	SQUARE FEET
EMER	EMERGENCY	S/S	STAINLESS STEEL
MAT	ENTRANCE WALK-OFF	STD	STANDARD
ETR	EXISTING TO REMAIN	STL	STEEL
EQ	EQUAL	ST	STONE TILE
EQUIP	EQUIPMENT	STOR	STORAGE
EST	ESTIMATED	STRUCT	STRUCTURAL / STRUCTURE
EXH	EXHAUST	SUSP	SUSPENDED
EXIST	EXISTING	SYM	SYMMETRICAL
EJ	EXPANSION JOINT	TWP	TACKABLE WALL PANEL
EXP	EXPOSED / EXPANSION	TB	TACKBOARD
EXT	EXTERIOR	TEL	TELEPHONE
EIFS	EXTERIOR INSULATED FINISH SYSTEM	TV	TELEVISION
F/O	FACE OF	TEMP	TEMPORARY
F/F	FACE TO FACE	THK	THICKNESS
FP	FACING PANEL	TD	TILE DECORATIVE
FG	FIBERGLASS	TE	TILE EDGE
PF	FILM	TBD	TO BE DETERMINED
FIN	FINISH	TP	TOILET PAPER
FF	FINISHED FLOOR	T&G	TONGUE AND GROOVE
FE	FIRE EXTINGUISHER	T&B	TOP AND BOTTOM
FEC	FIRE EXTINGUISHER CABINET	TO	TOP OF
FPROOF	FIRE PROOFING	TU	TOUCH UP
FT	FIRE TREATED	TS	TRANSITION STRIP
FLR	FLOOR	TYP	TYPICAL
FD	FLOOR DRAIN	UC	UNDERCUT
FF	FLOORING FLUID	UNO	UNLESS NOTED OTHERWISE
FN	FLOORING NATURAL	VB	VAPOR BARRIER
FT	FLOORING TRANSITION	VS	VENEER SURFACE
FLOUR	FLOURESCENT	VFY	VERIFY
FAF	FLUID APPLIED FLOORING	VIF	VERIFY IN FIELD
FTG	FOOTING	VERT	VERTICAL
FNDN	FOUNDATION	VCT	VINYL COMPOSITE TILE
FUT	FUTURE	VWC	VINYL WALLCOVERING
GALV	GALVANIZED	WWB	WALL BASE
GA	GAUGE	WC	WALL COVERING
GC	GENERAL CONTRACTOR	WP	WALL PROTECTION
G	GLASS	WPP	WALL PROTECTION PANEL
GMMB	GLASS MESH MORTAR BOARD	WC	WATER CLOSET
GWB	GYPSUM WALL BOARD	WP	WATER PROOF
HDWR	HARDWARE	WWF	WELDED WIRE FABRIC
HDWD	HARDWOOD	WT	WINDOW TREATMENT
HVAC	HEATING, VENTILATION & AIR CONDITIONING	W/	WITH
HD	HEAVY DUTY	W/O	WITHOUT
HT	HEIGHT	WD	WOOD
HC	HOLLOW CORE		
HM	HOLLOW METAL		



ACCESSORIES LEGEND



NOTE:
DEVICES SHOWN HERE ILLUSTRATE GENERAL MOUNTING HEIGHTS WHERE NO OTHER DIMENSIONS HAVE BEEN PROVIDED WITHIN THE CONTRACT DOCUMENTS. WHERE SPECIFIC ROOM/SPACE ELEVATIONS INDICATE ALTERNATIVE HEIGHTS, SUCH SPECIFICITY OF HEIGHTS SHALL TAKE PRIORITY UNLESS OTHERWISE APPROVED BY THE ARCHITECT. REFER TO THE INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.



G9 A0.1A — TYPICAL DEVICE MOUNTING HEIGHTS
1/2" = 1'-0"

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LICENSED ARCHITECT — RICHARD R. RIZZI — NO. 3807 — STATE OF MAINE

CENTRAL MAINE COMMUNITY COLLEGE

CMCC HEALTHCARE TRAINING EXPANSION

BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT:
LEGENDS, SYMBOLS, NOTES, AND ACCESSORIES

DRAWN BY:	MPM
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	As indicated

A0.1A

Project Phase
CONSTRUCTION DOCUMENTS

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GENERAL PARTITION NOTES & KEYING LEGEND

S3A1

- INDICATES FRAMING MATERIAL SEE GENERAL NOTE #1
- INDICATES FRAMING SIZE
- INDICATES HOURLY RATING (IF APPLICABLE)
- INDICATES WALL / PARTITION TYPE VARIATION (SEE ADJACENT TYPES LEGEND)

GENERAL NOTES

1. FRAMING MATERIAL TYPES:
   S: STEEL STUD, SF: STEEL STUD FURRING, SD: STEED STUD DOUBLE, W: WOOD STUD,
   WF: WOOD STUD FURRING, WD: WOOD STUD DOUBLE, M: MASONRY

2. ALL PARTITIONS ARE TYPE **S3A** UNLESS OTHERWISE INDICATED.

3. DEFLECTION HEAD GAP TO BE 3/4".

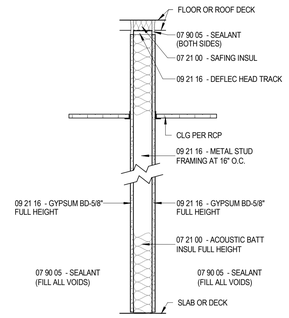
4. AT ALL ROOMS SCHEDULED TO RECEIVE 09 30 00 - CERAMIC WALL TILE, USE TILE BACKER BOARD IN LIEU OF GWB BEHIND TILE.

5. AT MASONRY PARTITIONS, SEE STRUCTURAL DRAWINGS FOR DETAILS OF PARTITION TOP DEFLECTION CLIPS WHICH PROVIDE LATERAL BRACING.

6. ACOUSTICAL CONSTRUCTION: SEAL ALL CRACKS, JOINTS, AND VOIDS IN ACOUSTICAL CONSTRUCTION AIR TIGHT. SEALING SHALL INCLUDE:
   a. SEALING BOTTOM EDGES OF GYPSUM BOARD TO FLOOR BEHIND BASE AT BOTH SIDES OF PARTITIONS.
   b. SEALING TOP AND SIDE EDGES OF GYPSUM BOARD AT BOTH SIDES OF WALLS ABUTTING OTHER CONSTRUCTION.
   c. SEALING TOP OF WALL TO DECK FLUTES.
   d. SEALING ALL WALL PENETRATIONS INCLUDING ELECTRICAL BOXES, PIPES, CONDUITS, DUCTS, BEAMS, JOISTS, ETC.

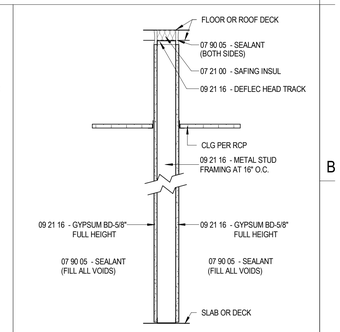
7. AT PARTITION INFILL LOCATIONS, INFILL TO MATCH ADJACENT MATERIALS AND FIRE RESISTANCE RATING.

PARTITION TYPES



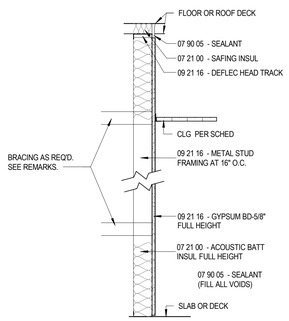
TAG	STUD SIZE	CODE/SPEC REFERENCE	STC RATING	REMARKS
S3A	3 5/8"	ACOUSTIC/ SMOKE	45	
S3A1	3 5/8"	1HR - UL# U419	45	REPLACE 07 90 05 - SEALANT WITH 07 84 00 - FIRESTOPPING
S6A	6"	ACOUSTIC/ SMOKE	45	
S6A1	6"	1HR - UL# U419	45	REPLACE 07 90 05 - SEALANT WITH 07 84 00 - FIRESTOPPING
S8A1	8"	1HR - UL# U419	45	REPLACE 07 90 05 - SEALANT WITH 07 84 00 - FIRESTOPPING
S10A1	10"	1HR - UL# U419	45	REPLACE 07 90 05 - SEALANT WITH 07 84 00 - FIRESTOPPING

S_A_



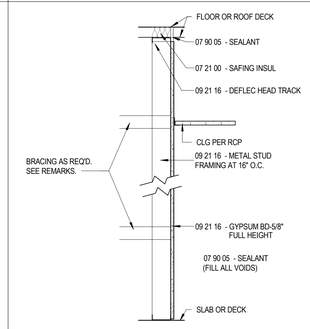
TAG	STUD SIZE	CODE/SPEC REFERENCE	STC RATING	REMARKS
S3E	3 5/8"		38	
S3E1	3 5/8"	1HR - UL# U419	38	REPLACE 07 90 05 - SEALANT WITH 07 84 00 - FIRESTOPPING
S6E	6"		38	
S6E1	6"	1HR - UL# U419	38	REPLACE 07 90 05 - SEALANT WITH 07 84 00 - FIRESTOPPING
S8E1	8"	1HR - UL# U419	38	REPLACE 07 90 05 - SEALANT WITH 07 84 00 - FIRESTOPPING

S_E_



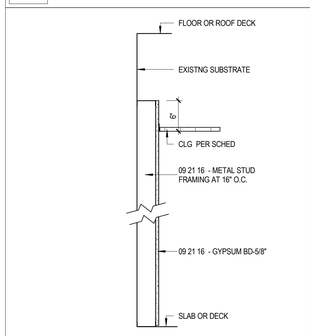
TAG	STUD SIZE	CODE/SPEC REFERENCE	STC RATING	REMARKS
SF2A	2 1/2"	ACOUSTIC/ SMOKE	-	BRACE AT MID-POINT AND CEILING LINE
SF3A	3 5/8"	ACOUSTIC/ SMOKE	-	
SF6A	6"	ACOUSTIC/ SMOKE	-	

SF_A



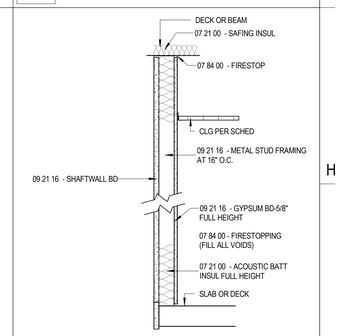
TAG	STUD SIZE	CODE/SPEC REFERENCE	STC RATING	REMARKS
SF2E	2 1/2"	SMOKE		BRACE AT MID-POINT AND CENTER LINE
SF3E	3 5/8"	SMOKE		
SF6E	6"	SMOKE		

SF_E



TAG	STUD SIZE	CODE/SPEC REFERENCE	STC RATING	REMARKS
SF1F	1 5/8"			STUDS TIGHT TO EXISTING SUBSTRATE
SF2F	2 1/2"			STUDS TIGHT TO EXISTING SUBSTRATE
SF2F1	2 1/2"	1HR - UL# U420		REFER TO DWGS

SF_F



TAG	STUD SIZE	CODE/SPEC REFERENCE	STC RATING	REMARKS
S2S1	2 1/2"	1HR - UL# U417		
S4S1	4"	1HR - UL# U417		
S6S1	6"	1HR - UL# U417		

S_S1

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LICENSED ARCHITECT RICHARD R. BIZZI NO. 3807 STATE OF MAINE

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BGS NUM: 3831

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NO.	DESCRIPTION	DATE

CONTENT:
PARTITION TYPES & TYPICAL DETAILS

DRAWN BY:	MPM
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	1" = 1'-0"

A0.1B

Project Phase
CONSTRUCTION DOCUMENTS

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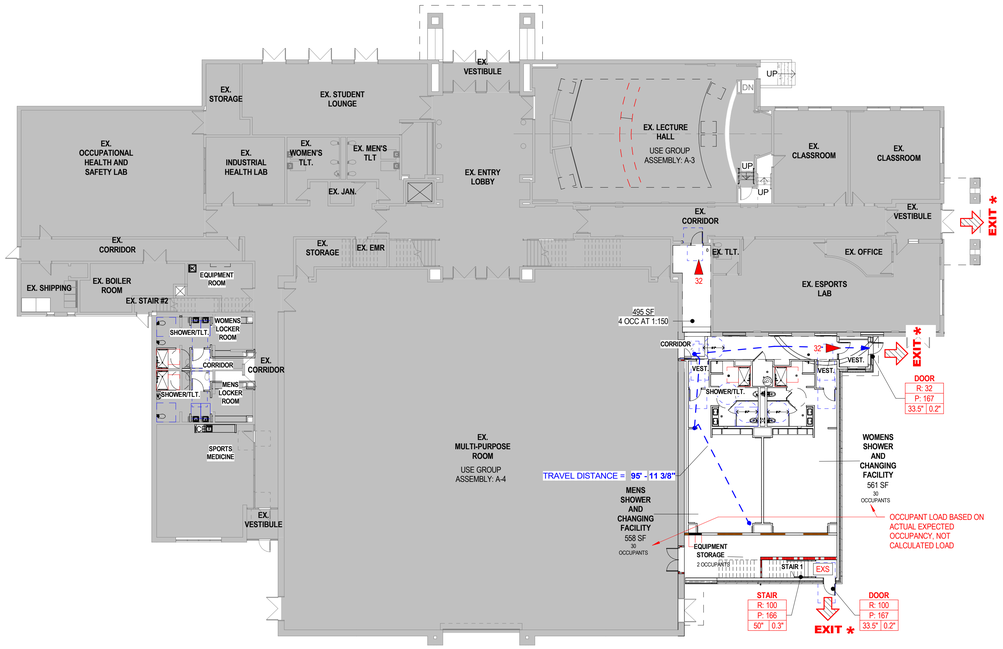
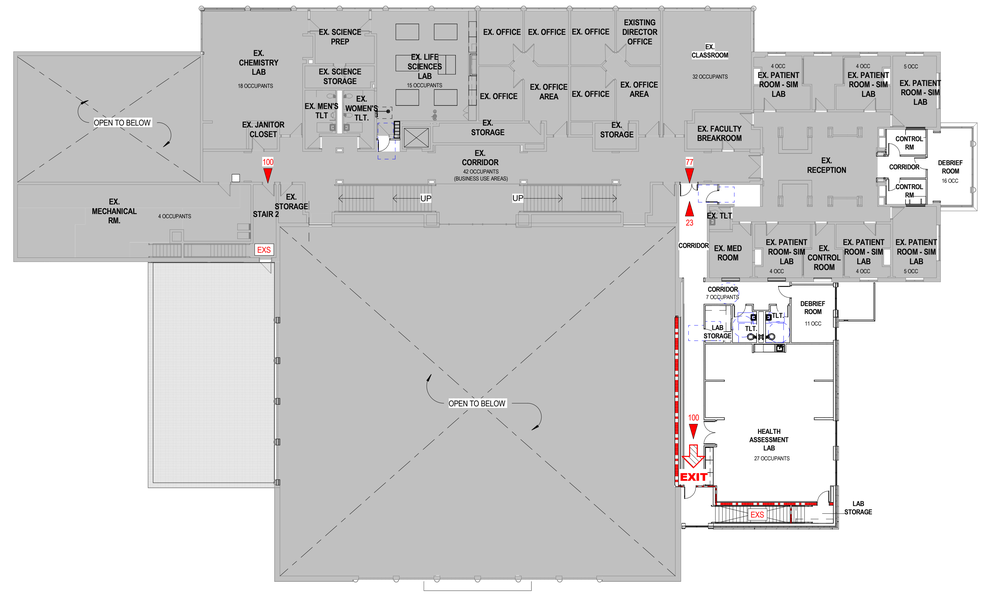


D1 LEVEL 1 CODE PLAN
A0.2 1/16" = 1'-0"



D8 LEVEL 2 CODE PLAN
A0.2 1/16" = 1'-0"

CMCC HEALTHCARE TRAINING EXPANSION
CENTRAL MAINE COMMUNITY COLLEGE
AUBURN, MAINE
IBC & IEBC 2021 & NFPA 101 2021 REVIEW

EXISTING FACILITY ADDITION/RENOVATION ANALYSIS

DESIGN DATES / CODES IN EFFECT	
ORIGINAL DESIGN DATE	ORIGINAL BUILDING: AUGUST 26, 1991 (ARCHITECT: SASAKI ASSOCIATES INC)
CODES CURRENTLY IN EFFECT	ME STATE BUILDING CODE: • EXISTING BUILDING CODE: MUBEC, IEBC 2021 AMENDED • BUILDING CODE: MUBEC, IBC 2021 AMENDED • MECHANICAL CODE: MUBEC, IMC 2021 AMENDED • PLUMBING CODE: UPC 2021 AMENDED • ENERGY CODE: MUBEC STRETCH CODE, IECC 2021 AMENDED • ELECTRICAL CODE: NFPA 70, 2023 AMENDED ME ACCESSIBILITY CODE: A117.1, 2017 ME STATE FIRE CODE: • NFPA 101 LIFE SAFETY CODE, 2018 AMENDED • NFPA 1 FIRE CODE, 2018 AMENDED
PROPOSED PROJECT DESCRIPTION	
	• ADDITIONS AND ALTERATIONS AS INDICATED IN THE DRAWINGS. • ACCESSIBILITY UPGRADES AND IMPROVEMENTS
PROPOSED BUILDING AREA – HEIGHT – USE - CONSTRUCTION	
BUILDING AREA, EXISTING + NEW	LEVEL 1: 28,645 SQUARE FEET LEVEL 2: 26,060 SQUARE FEET
EXISTING AND PROPOSED BUILDING CONSTRUCTION TYPE	
CONSTRUCTION TYPE	IBC TYPE = IIB (NONCOMBUSTIBLE, UNPROTECTED) NFPA TYPE = IIB
FIRE PROTECTION SYSTEM	FULLY SPRINKLED (NFPA 13) / FIRE ALARM (NFPA 72)
CONSTRUCTION SYSTEM	FOUNDATION: SLAB ON GRADE AND CAST-IN-PLACE CONCRETE FOUNDATION WALLS EX WALLS: CFMF METAL STUDS / CMU BACKUP WITH MASONRY AND OTHER CLADDING PRIMARY STRUCTURE: STEEL BEAMS AND COLUMNS INTERIOR: NON-BEARING METAL STUD AND CMU PARTITIONS ROOF: LOW-SLOPE AND PITCHED ROOF STRUCTURES
OCCUPANCIES & LOADS	
IBC EXISTING OCCUPANCY GROUP CLASSIFICATIONS	MIXED USE (NON-SEPARATED): B (BUSINESS), A-4 (ASSEMBLY) WITH ACCESSORY OCCUPANCY S-2 (STORAGE)
PROPOSED GROUPS	NO CHANGE
NFPA 101 EXISTING OCCUPANCY TYPES	MIXED USE (NON-SEPARATED): B (BUSINESS), A (ASSEMBLY) WITH ACCESSORY OCCUPANCY S-2 (STORAGE)
PROPOSED TYPES	NO CHANGE

OCCUPANCIES & LOADS, cont'd

IBC ALLOWABLE HEIGHT & AREA ANALYSIS	HEIGHT W/ SPRINKLER: TABLE 504.3 & .4 AREA W/ SPRINKLER: TABLE 506.2 FRONTAGE INCREASE FACTOR: TABLE 506.3.3, 50-75% PERIMETER, >30 FEET: 0.50 AREA INCREASE FACTOR: Aa = [At + (NS x If)], SEE TABLE BELOW FOR Aa VALUES.				
	CONSTRUCTION TYPE IIB / II(000)				
	USE GROUP	ALLOW HEIGHT	TABULAR AREA	ALLOWABLE AREA INCREASE (NS X If)	ALLOW ADJUST AREA (Aa)
	A-4	75 FT / 3 STORY	28,500	4,750	33,250
	B	75 FT / 4 STORY	69,000	11,500	80,500
CONCLUSION	BUILDINGING WITH ADDITION WITHIN LIMITS.				
MEANS OF EGRESS					
DOORS	7.2.1 DOOR LEAF 36" MIN				
CORRIDORS	14.2.3.2 MIN WIDTH: 6 FEET WIDE, <100 OCCUPANTS, 44 INCH WIDE				
STAIRS	IBC 1011.2: 44 INCH MIN				
CAPACITY OF EGRESS	HORIZONTAL ELEMENTS: 0.2" / PERSON. STAIRS: 0.3" / PERSON. EDUCATIONAL CORRIDORS: 44 INCH MIN FOR >50. ASSEMBLY MAIN ENTRANCE/EXIT SIZED FOR HALF TOTAL LOAD				
EGRESS ARRAGEMENT	BUSINESS: DEAD END (B): 50 FEET (38.2.5.2) COMMON PATH OF TRAVEL (B): 100 FEET (38.2.5.3.2) TRAVEL DISTANCE TO EXIT (B): 300 FEET (38.2.6.2) REMOTENESS: 1/3 DISTANCE BETWEEN EXITS				
FIRE RESISTIVE CONSTRUCTION REQUIREMENTS					
CONSTRUCTION TYPE	CONSTRUCTION CLASSIFICATION: IBC TYPE IIB NFPA TYPE II(000) BUILDING ELEMENT FIRE RESISTIVE RATING REQUIREMENTS: PRIMARY STRUCTURAL FRAME: 0 HRS BEARING WALLS, EXTERIOR: 0 HRS BEARING WALLS, INTERIOR: 0 HRS NONBEARING WALLS & PARTITIONS - EXTERIOR: 0 HRS NONBEARING WALLS & PARTITIONS - INTERIOR: 0 HRS FLOOR CONSTRUCTION & SECONDARY MEMBERS: 0 HRS ROOF CONSTRUCTION & SECONDARY MEMBERS: 0 HRS ROOF COVERING CLASSIFICATION: CLASS C MIN (706.6)				
SEPARATION OF OCCUPANCIES	IBC 508.3.3 NON-SEPARATED OCCUPANCIES: NO SEPARATION REQUIRED				
HAZARDOUS AREA PROTECTION	NFPA 8.7 & 38.3.2 STORAGE ROOMS: 1HR OR SPRINKLER & SMOKE PARTITIONS				
SHAFT ENCLOSURE	IBC 713.4: 3 ST, 1 HR FIRE BARRIERS				
EXIT ENCLOSURES	IBC 713.4: 3 ST, 1 HR FIRE BARRIERS				
CORRIDORS	NFPA 12.3.6 ASSEMBLY: 0 HR W/ SPRINKLERS 38.3.6 BUSINESS: 0 HR W/ SPRINKLER 40.3.6 STORAGE: NO REQUIREMENTS				
INTERIOR FINISH	INTERIOR FINISH, WALLS (IBC 803.13 & NFPA A10.2.2) ASSEMBLY OCCUPANCIES - EXITS: B CORRIDORS: B ROOMS: C OTHER OCCUPANCIES - EXITS: B CORRIDORS: C ROOMS: C				
	INTERIOR FINISH, FLOORS (IBC 804.4.2 & NFPA A10.2.2) ASSEMBLY OCC. – CRITICAL RADIANT FLUX (ASTM E648 OR NFPA 253) – CLASS II OTHER OCCS. - CRITICAL RADIANT FLUX (ASTM E648 OR NFPA 253) – CLASS II				

GRAPHICS LEGEND

OCCUPANCY

USE GROUP: BUSINESS B
NOT IN SCOPE OF WORK
WORK AREA BOUNDARY

WORK SCOPE

PROPOSED FIRE RATED CONSTRUCTION

1 HR FIRE BARRIER
(NON RATED) SMOKE BARRIER

MEANS OF EGRESS

EGRESS CAPACITY TAG
DOOR — EGRESS COMPONENT
R: 110 — REQUIRED EGRESS CAPACITY IN PERSONS
P: 167 — PROVIDED EGRESS CAPACITY IN PERSONS
33.5" 0.2" — EGRESS CAPACITY FACTOR (INCHES PER OCCUPANT)
PROVIDED EGRESS CAPACITY IN WIDTH (INCHES)
EXIT — EXIT
EXIT — EXIT DISCHARGE
EXIT * — SMOKE COMPARTMENT EXIT
SCE
10 — EXIT ACCESS & OCCUPANT PATH LOAD
EXS — EXIT STAIR

PATH OF TRAVEL

TRAVEL DISTANCE PATH
DEAD END
COMMON PATH OF TRAVEL

OTHER

FIRE EXTINGUISHER
EXISTING CONSTRUCTION
NEW CONSTRUCTION

SEE DOOR SCHEDULE FOR DOOR ASSEMBLY FIRE-RATINGS.

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LICENSED ARCHITECT RICHARD R. HUZZI No. 3807 STATE OF MAINE

CENTRAL MAINE COMMUNITY COLLEGE

CMCC HEALTHCARE TRAINING EXPANSION

BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

CONTENT:
CODE PLANS, ANALYSIS TEXT, SYMBOLS AND RATINGS

DRAWN BY:	MPM
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	As indicated

A0.2

Project Phase
CONSTRUCTION DOCUMENTS

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DOOR & FRAME SCHEDULE w Room Names

MARK	FROM ROOM No.	FROM ROOM NAME	TO ROOM No.	TO ROOM NAME	DOOR SIZE WD	DOOR SIZE HT	DOOR SIZE THK	DOOR MATL	DOOR TYPE	DOOR FINISH	FRAME MATL	FRAME TYPE	FRAME FINISH	DOOR AND FRAME FIRE RATING	HARDWARE SET	COMMENTS
100A	100	VEST.	101	CORRIDOR	2' - 11 5/8"	7' - 0"	2 1/4"	ALUM	FG	ANODIZED	ALUM	SF1	ANODIZED	n/a	4.0	EXIT DEVICE
102	102A	VEST.	102	WOMENS SHOWER AND CHANGING FACILITY	3' - 0"	7' - 0"	1 3/4"	WD	F	CLR	HM	1	PTD	n/a	13.0	
102A	101	CORRIDOR	102A	VEST.	3' - 0"	7' - 0"	1 3/4"	WD	F	CLR	HM	1	PTD	n/a	3.0	CARD READER BY OWNER
103	101	CORRIDOR	103	WATER HEATER CLOSET	3' - 0"	7' - 0"	1 3/4"	WD	F	CLR	HM	1	PTD	n/a	10.0	
104	104A	VEST.	104	MENS SHOWER AND CHANGING FACILITY	3' - 0"	7' - 0"	1 3/4"	WD	F	CLR	HM	1	PTD	n/a	13.0	
104A	101	CORRIDOR	104A	VEST.	3' - 0"	7' - 0"	1 3/4"	WD	F	CLR	HM	1	PTD	n/a	3.0	CARD READER BY OWNER
105A		EX. CORRIDOR	105	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	WD	N1	CLR	HM	2	PTD	n/a	7.0	EXIT DEVICES
129		EX. MULTI-PURPOSE ROOM	106	EQUIPMENT STORAGE	6' - 0"	7' - 0"	1 3/4"	HM	F	PTD	HM	2	PTD	45 MIN	9.0	
150			150	STAIR 1	3' - 0"	7' - 8"	1 3/4"	HM	F	PTD	HM	2	PTD	n/a	2.0	EXIT DEVICES, NIGHT LATCH HARDWARE ON EXTERIOR- EGRESS ONLY- DOOR POSITION SWITCH, CARD READER BY OWNER
100			100	VEST.	3' - 0"	7' - 0"	2 1/4"	ALUM	FG	ANODIZED	ALUM	SF2	ANODIZED	n/a	1.0	EXIT DEVICES, DOOR POSITION SWITCH, CARD READER BY OWNER
130	101	CORRIDOR		EX. MULTI-PURPOSE ROOM	3' - 0"	7' - 0"	1 3/4"	HM	F	PTD	HM	1	PTD	45 MIN	6.0	EXIT DEVICE
200	201	CORRIDOR	200	HEALTH ASSESSMENT LAB	6' - 0"	7' - 0"	1 3/4"	WD	FG	CLR	HM	1	PTD	n/a	14.0	36" TYPE FG INACTIVE LEAF
200A	200	HEALTH ASSESSMENT LAB	200A	LAB STORAGE	3' - 0"	7' - 0"	1 3/4"	WD	F	CLR	HM	1	PTD	45 MIN	10.0	RATED DOOR AND FRAME
201A.1		EX. CORRIDOR	201A	CORRIDOR	4' - 6"	7' - 0"	1 3/4"	WD	FG	CLR	HM	1	PTD	n/a	5.0	18" TYPE F INACTIVE LEAF
201A.2	201A	CORRIDOR	201B	CORRIDOR	3' - 0"	7' - 0"	1 3/4"	WD	N1	CLR	HM	1	PTD	n/a	6.0	EXIT DEVICE - EGRESS FROM CORRIDOR 201B SIDE ONLY
202	201	CORRIDOR	202	LAB STORAGE	3' - 0"	7' - 0"	1 3/4"	WD	F	CLR	HM	1	PTD	n/a	10.0	
203	201	CORRIDOR	203	TLT.	3' - 0"	7' - 0"	1 3/4"	WD	F	CLR	HM	1	PTD	n/a	15.0	
204	201	CORRIDOR	204	TLT.	3' - 0"	7' - 0"	1 3/4"	WD	F	CLR	HM	1	PTD	n/a	15.0	
205	201	CORRIDOR	205	DEBRIEF ROOM	3' - 0"	7' - 0"	1 3/4"	WD	FG	CLR	HM	1	PTD	n/a	11.0	
206A	206	CORRIDOR	206A	CONTROL RM	3' - 0"	7' - 0"	1 3/4"	WD	F	CLR	HM	1	PTD	n/a	12.0	ACOUSTIC SEALS AT BOTTOM / SIDES OF DOOR
206B	206	CORRIDOR	206B	DEBRIEF ROOM	3' - 0"	7' - 0"	1 3/4"	WD	F	CLR	HM	1	PTD	n/a	11.0	
206C	206	CORRIDOR	206C	CONTROL RM	3' - 0"	7' - 0"	1 3/4"	WD	F	CLR	HM	1	PTD	n/a	12.0	ACOUSTIC SEALS AT BOTTOM / SIDES OF DOOR
250	201	CORRIDOR	250	STAIR 1	3' - 0"	7' - 0"	1 3/4"	WD	N1	CLR	HM	1	PTD	60 MIN	8.0	EXIT DEVICE, MAGNETIC HOLD OPEN DEVICE, PROVIDE CONDUIT, RATED DOOR AND FRAME

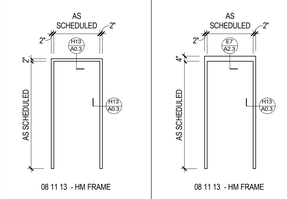
GLAZING LEGEND

08 80 00 EXTERIOR GLAZING TYPES
IG-1 INSUL GLASS- CLEAR
IG-2 INSUL GLASS- CLEAR- SAFETY GLASS

08 80 00 INTERIOR GLAZING TYPES:
S-1 1/4" SAFETY GLASS, CLEAR
S-2 FIRE RATED GLASS (FIRE PROTECTIVE)
S-4 1/4" TWO-WAY MIRROR GLASS

GLAZING NOTES:
1. SEE SPECIFICATION FOR MORE INFORMATION
2. ALL EXTERIOR GLAZING IS TYPE IG-1, U.N.O.
3. ALL INTERIOR GLAZING IS TYPE S-1, U.N.O.
4. REFER TO SPECS FOR SAFETY GLAZING LOCATIONS

HM FRAME GENERAL NOTES
1. WHEN INTERIOR LITES ARE LOCATED ADJACENT TO DOOR PANEL, WHEN VIEWED FROM THE CORRIDOR SIDE, FACE OF GLAZING SHALL ALIGN FLUSH WITH FACE OF DOOR.
SEE FLOOR PLANS FOR DIRECTION OF DOOR SWING.

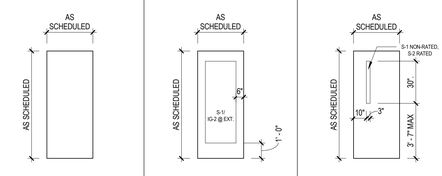


08 11 13 - HM FRAME

1 FRAME TYPE 1
1/4" = 1'-0"

08 11 13 - HM FRAME

2 FRAME TYPE 2
1/4" = 1'-0"



08 11 13 - HM DOOR
08 14 16 - FLUSH WD DOOR

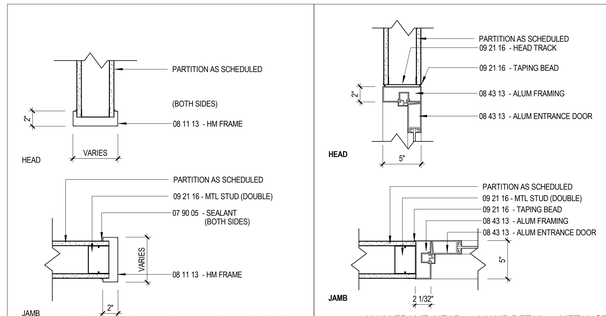
F FLUSH
1/4" = 1'-0"

08 14 16 - FLUSH WD DOOR

FG FULL GLASS
1/4" = 1'-0"

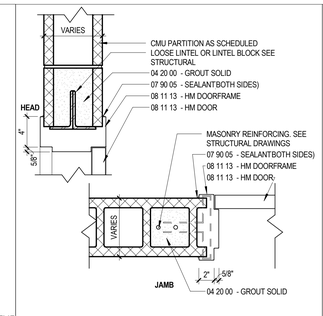
08 14 16 - FLUSH WD DOOR

N1 NARROW LITE
1/4" = 1'-0"

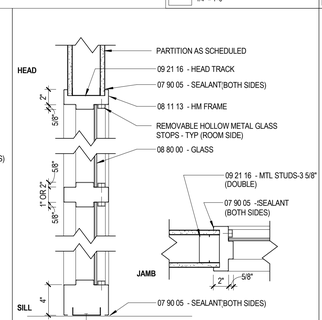


H5 HM FRAME OPENING/HEAD & JAMB at MTL STUD PARTITION
A0.3 1 1/2" = 1'-0"

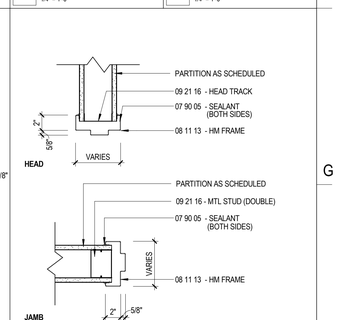
H7 ALUM FRAME, HEAD and JAMB DETAIL at METAL STUD PARTITION
A0.3 1 1/2" = 1'-0"



H9 HM FRAME HEAD and JAMB DETAILS at CMU WALLS
A0.3 1 1/2" = 1'-0"

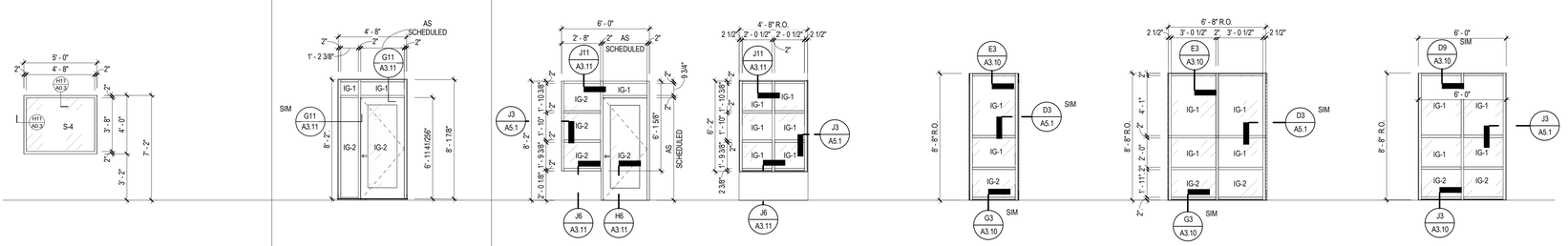


H11 HM FRAME/HEAD, SILL, & JAMB at SIDELITE
A0.3 1 1/2" = 1'-0"



H13 HM FRAME HEAD and JAMB DETAILS @MTL STUDS
A0.3 1 1/2" = 1'-0"

08 11 33 - HOLLOW METAL FRAME | 08 43 13 - ALUMINUM STOREFRONT - INTERIOR | 08 43 13 - ALUMINUM STOREFRONT - EXTERIOR



A1 INTERIOR WINDOW
1/4" = 1'-0"

SF1 INT. STOREFRONT TYPE 1
1/4" = 1'-0"

SF2 EXT. STOREFRONT TYPE 2
1/4" = 1'-0"

SF3 EXT. STOREFRONT TYPE 3
1/4" = 1'-0"

SF4 EXT. STOREFRONT TYPE 4
1/4" = 1'-0"

SF5 EXT. STOREFRONT TYPE 5
1/4" = 1'-0"

SF6 EXT. STOREFRONT TYPE 6
1/4" = 1'-0"

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CMCC HEALTHCARE TRAINING EXPANSION

BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT:
DOOR SCHEDULE, DOOR & WINDOW TYPES AND DETAILS

DRAWN BY:	Author
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	As indicated

A0.3

Project Phase
CONSTRUCTION DOCUMENTS

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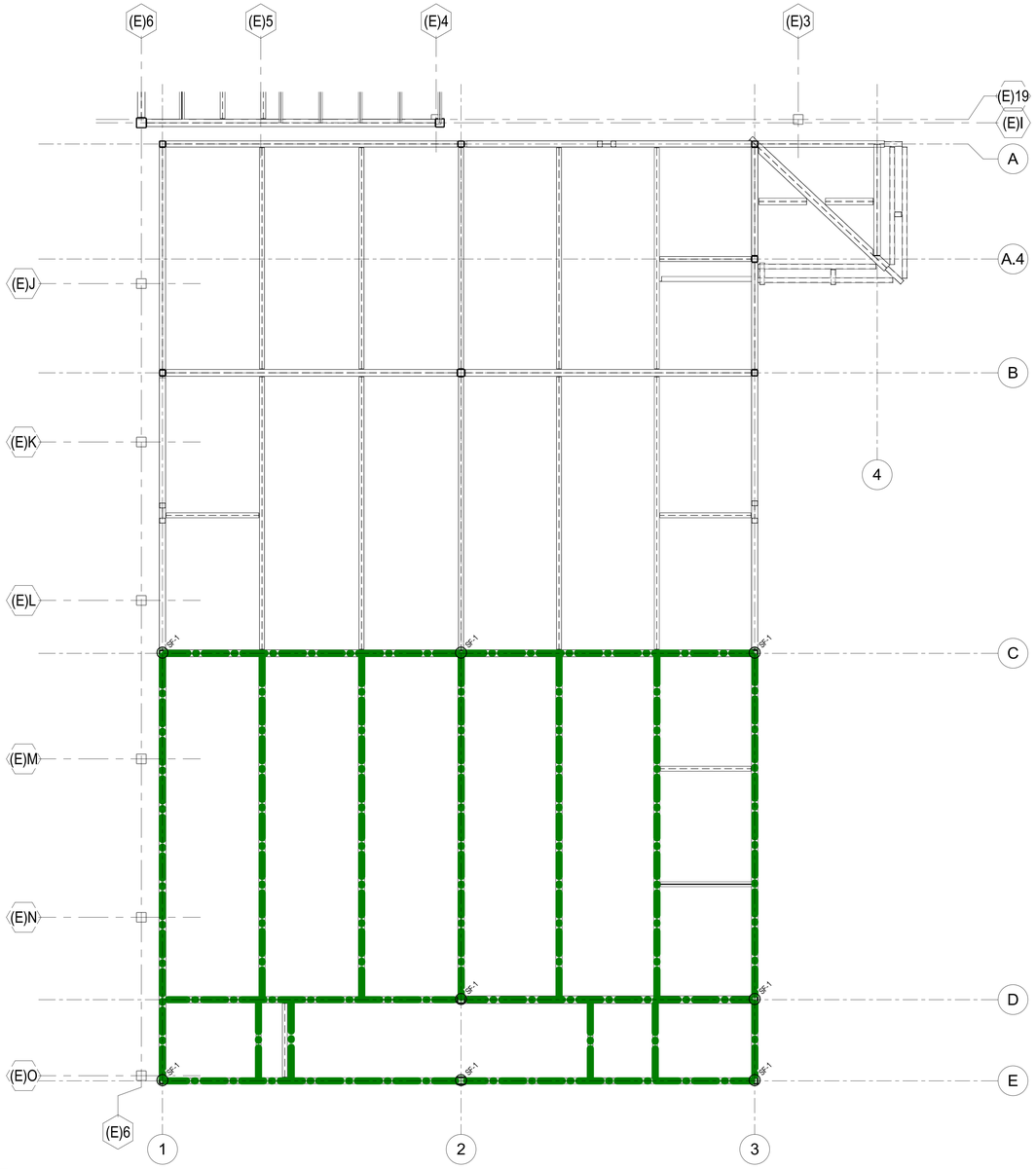

J5 FIREPROOFING PLAN
A0.4 1/4" = 1'-0"

FIREPROOFING PLAN LEGEND

GENERAL NOTES

1. SEE CODE SUMMARY, SHEET A0.3C AS FOR FIRE RATING REQUIREMENTS BASED ON CONSTRUCTION TYPE.
2. DEFINITIONS:
   A. PRIMARY STRUCTURAL FRAME SHALL INCLUDE ALL OF THE FOLLOWING MEMBERS:
      a. THE COLUMNS.
      b. STRUCTURAL MEMBERS HAVING DIRECT CONNECTION TO THE COLUMNS, INCLUDING GIRDERS, BEAMS, TRUSSES AND SPANDRELS
      c. MEMBERS OF THE FLOOR CONSTRUCTION AND ROOF CONSTRUCTION HAVING DIRECT CONNECTION TO THE COLUMNS
      d. BRACING MEMBERS THAT ARE ESSENTIAL TO THE VERTICAL STABILITY OF THE PRIMARY STRUCTURAL FRAME UNDER GRAVITY LOADING SHALL BE CONSIDERED PART OF THE PRIMARY STRUCTURAL FRAME WHETHER OR NOT THE BRACING MEMBER CARRIES GRAVITY LOADS.
   B. SECONDARY MEMBERS INCLUDE THE FOLLOWING:
      a. STRUCTURAL MEMBERS NOT HAVING DIRECT CONNECTIONS TO THE COLUMNS.
      b. MEMBERS OF THE FLOOR CONSTRUCTION AND ROOF CONSTRUCTION NOT HAVING DIRECT CONNECTIONS TO THE COLUMNS.
      c. BRACING MEMBERS OTHER THAN THOSE THAT ARE PART OF THE PRIMARY STRUCTURAL FRAME.
3. SEE SPECIFICATION SECTIONS FOR FIREPROOFING REQUIREMENTS, MATERIALS AND UL ASSEMBLIES.
   A. SECTION 07 81 00 - APPLIED FIREPROOFING: SPRAY-APPLIED FIREPROOFING.

RATED PRIMARY AND SECONDARY STRUCTURAL BEAM ASSEMBLIES

SPRAY APPLIED FIREPROOFING, BEAM BELOW:
1 HOUR RATED

RATED PRIMARY STRUCTURAL COLUMN ASSEMBLIES

SF-1 SPRAY APPLIED FIREPROOFING, COLUMN, LEVEL 2 DOWN TO LEVEL 1, TYP. - 1 HOUR RATED

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BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

CONTENT:
FIREPROOFING PLAN

DRAWN BY:	MPM
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	1/4" = 1'-0"

A0.4

Project Phase
CONSTRUCTION DOCUMENTS

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CONSTRUCTION LEGEND

- NOT IN SCOPE
- WORK AREA BOUNDARY- BASE SCOPE
- WORK AREA BOUNDARY- ADD ALTERNATE #1 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #2 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #3 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #4
- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION

DEMOLITION LEGEND

NOTE ID	DESCRIPTION
CASEWORK AND MILLWORK	
CM5	REMOVE WALL CABINET
CM6	REMOVE EXISTING WORKSTATION COMPLETE. CAP EXISTING UTILITIES FOR FUTURE CONNECTION TO NEW LAB WORKSTATION
CM7	REMOVE EXISTING COMPOSITE COLUMN WRAPS AS REQUIRED TO REMOVE EXISTING WINDOW ASSEMBLY
CM8	REMOVE EXISTING FASCIA TRIM ASSEMBLIES COMPLETE
CEILING	
CL1	REMOVE ACOUSTIC CEILING SYSTEM COMPLETE - SALVAGE TILES FOR OWNER
CL2	REMOVE GYPSUM CEILING SYSTEM COMPLETE
CL3	REMOVE PORTIONS OF GYPSUM CEILING AS REQUIRED FOR WORK ABOVE CEILING
CONCRETE	
C5	REMOVE & DEMOLISH EXISTING CONCRETE ENTRANCE PAD - REFER TO CIVIL DRAWINGS
DOORS AND WINDOWS	
DW1	REMOVE EXISTING WINDOW(S) COMPLETE
DW2	REMOVE DOOR AND HARDWARE ONLY (EXISTING FRAME TO REMAIN)
DW8	REMOVE DOOR AND FRAME
EQUIPMENT	
E1	REMOVE LOCKERS COMPLETE.
E7	REMOVE BASKETBALL HOOP ASSEMBLY AND REASSEMBLE AFTER WORK IS COMPLETE
E9	REMOVE PLUMBING FIXTURE(S) COMPLETE. SEE PLUMBING DRAWINGS

DEMOLITION LEGEND

NOTE ID	DESCRIPTION
E14	DISCONNECT AND REMOVE EXISTING HVAC EQUIPMENT AS INDICATED. COORDINATE ALL WORK WITH MECHANICAL DRAWINGS AND SPECIFICATIONS, AND VERIFY ANY SYSTEMS OR COMPONENTS REQUIRED TO REMAIN PRIOR TO REMOVAL.
E15	REMOVE TOILET PARTITIONS COMPLETE
E18	REMOVE EXISTING DOWNSPOUT COMPLETE
E19	REMOVE EXISTING WIRING
E20	REMOVE EXISTING LIGHT FIXTURE AND SALVAGE FOR OWNER REUSE
E21	REMOVE EXISTING EXTERIOR LIGHTING AND SALVAGE FOR REUSE
E23	REMOVE SEGMENT OF EXISTING ROOF FASCIA/ GUTTER SYSTEM - VERIFY EXTENTS IN THE FIELD BASED FOOTPRINT OF NEW CONSTRUCTION
E24	REMOVE EXISTING SIGNAGE- SALVAGE FOR OWNER - REPAIR/ PREP EXISTING GWB FOR PAINT
E25	REMOVE EXISTING AREA OF REFUGE COMMUNICATION EQUIPMENT - CUT AND CAP - MAKE SAFE AND PREP AREA FOR NEW GWB AND PAINT
E26	REMOVE EXISTING LIGHT FIXTURE AND SALVAGE FOR OWNER REUSE
E27	REMOVE EXISTING VISUAL DISPLAYS, CAMERAS, CEILING SPEAKERS & MICROPHONES - SALVAGE FOR OWNER
E28	REMOVE EXISTING CEILING DIFFUSER - COORD. W/ MECH. DRAWINGS
E30	REMOVE EXISTING POWER AND DATA OUTLET - CUT AND CAP - MAKE SAFE AND PREP AREA FOR NEW GWB AND PAINT
E31	REMOVE CABINETS AND MILLWORK - SALVAGE FOR OWNER
E32	DISCONNECT AND MAKE SAFE AND REMOVE EXISTING CONDUIT AND WIRING TO COMPLETE DEMO WORK AT EXISTING WINDOWS - REPATH CONDUIT AS NECESSARY AND RECONNECT

DEMOLITION LEGEND

NOTE ID	DESCRIPTION
E33	REMOVE AND SALVAGE EXISTING HEADWALL UNIT. CUT / CAP AND MAKE SAFE UTILITIES AT INT. WALL LOCATION
FIRE PROTECTION	
FP1	DISCONNECT AND MAKE SAFE EXISTING SPRINKLER HEAD AND ASSOCIATED PIPING. COORDINATE ALL WORK WITH FIRE PROTECTION SPECIFICATIONS AND MAINTAIN ANY SYSTEMS REQUIRED TO REMAIN IN SERVICE.
FLOORING	
F1	REMOVE VCT / VINYL SHEET FLOORING
F2	REMOVE CARPETING, GLUE AND BASE
F3	REMOVE CERAMIC FLOORING COMPLETE
F9	REMOVE ALL CONSTRUCTION DEBRIS AND PREPARE EXISTING FLOOR FOR NEW FLOORING
MASONRY	
M2	REMOVE MASONRY WALL AS REQUIRED FOR NEW WORK

DEMOLITION LEGEND:

- NOT IN SCOPE
- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- (S1) DEMOLITION NOTE (NOTE : ALL NUMBERS OMITTED ARE NOT IN USE)

DEMOLITION NOTES:

GENERAL NOTES:

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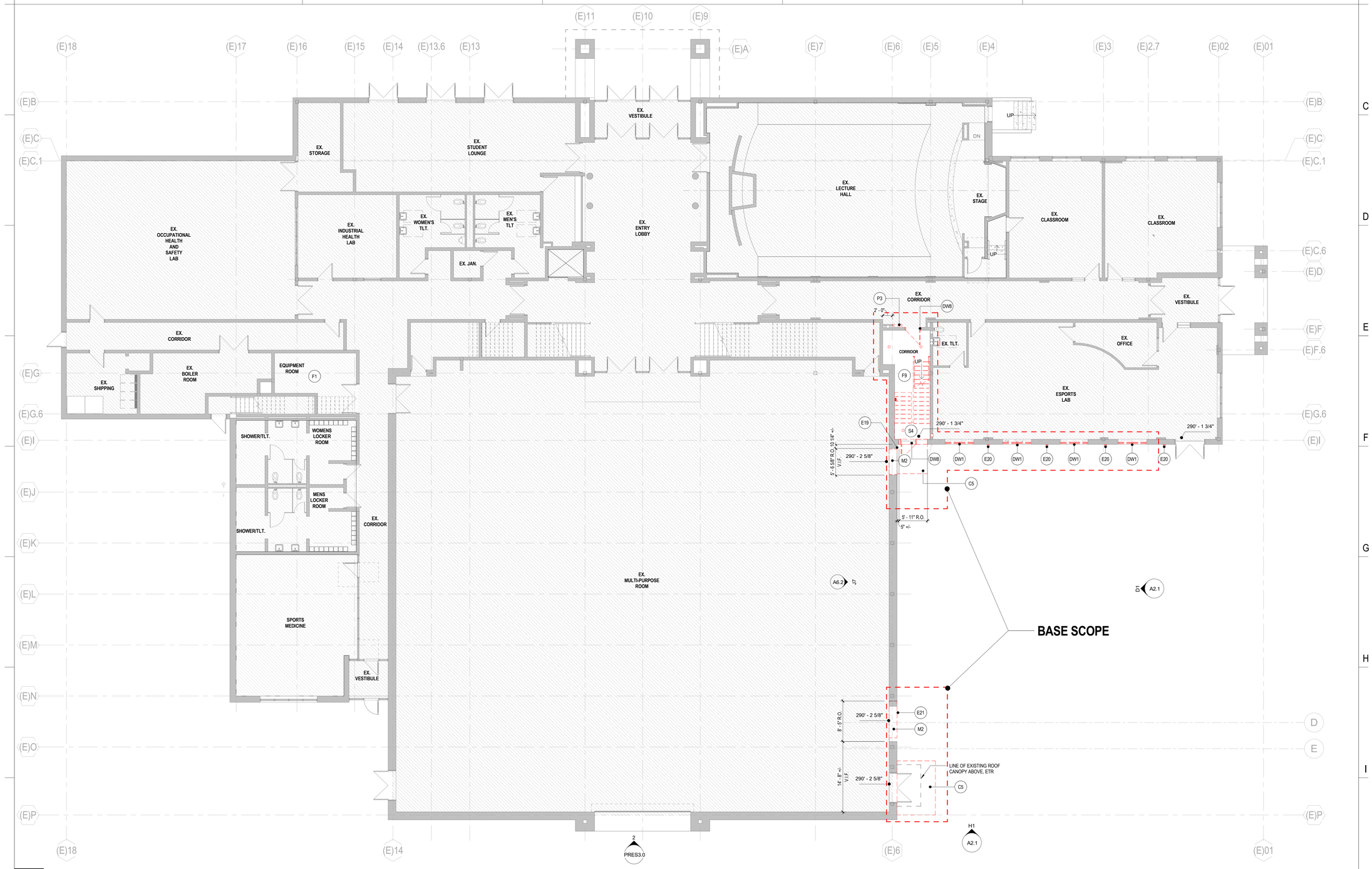
2. DASHED LINES GENERALLY REPRESENT ITEMS TO BE REMOVED. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY EXACT LIMITS AND DETAILS OF REQUIRED DEMOLITION AND COORDINATE WITH PLANS AND DETAILS.
3. REMOVE PARTITIONS TO STRUCTURE ABOVE, UNLESS OTHERWISE INDICATED BY CONSTRUCTION DETAILS.
4. REMOVE MASONRY FOR NEW OPENINGS AS REQUIRED FOR THE INSTALLATION OF NEW LINTELS.
5. REMOVE DOORS, FRAMES AND HARDWARE INCLUDING SIDELIGHTS, TRANSOMS AND THRESHOLDS WHERE DOORS ARE SHOWN DASHED. UNLESS OTHERWISE INDICATED.
6. REMOVE PORTIONS OF ALL SUSPENDED CEILINGS FOR THE INSTALLATION OF NEW WORK TO BE DONE ABOVE CEILINGS, UNLESS OTHERWISE INDICATED. SAVE USABLE COMPONENTS FOR REINSTALLATION WHERE CEILINGS ARE NOT BEING REPLACED.
7. REMOVE ALL CHALK, MARKER AND TACK BOARDS, SHELVING AND OTHER EQUIPMENT ON WALLS TO BE REMOVED OR FURRED.
8. REMOVE CONCRETE SLABS AND FILLS AS REQUIRED FOR INSTALLATION OF NEW MECHANICAL, ELECTRICAL AND PLUMBING SERVICES. SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
9. ANY/ALL PENETRATIONS, OPENINGS, IMPERFECTIONS OR OTHER DAMAGE RESULTING FROM THE REMOVAL OF COMPONENTS AND STRUCTURES AS INDICATED OR REQUIRED TO COMPLETE THE SCOPE OF WORK SHALL BE PATCHED/REPAIRED IN KIND UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO THE PROJECT MANUAL FOR RELEVANT MATERIAL SECTIONS INCLUDING STANDARDS AND RELATED REQUIREMENTS.
10. FOR ALL PENETRATIONS IN EXISTING EXTERIOR WALLS, REVIEW TO ENLARGED PLANS - A4.0 SERIES FOR ADDITIONAL DETAIL AT THESE LOCATIONS



J1 FIRST FLOOR DEMOLITION PLAN
AD.1 1/8" = 1'-0"

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LICENSED ARCHITECT RICHARD R. BIZZI NO. 3807 STATE OF MAINE

CENTRAL MAINE COMMUNITY COLLEGE

CMCC HEALTHCARE TRAINING EXPANSION

BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

CONTENT: FIRST FLOOR DEMOLITION PLAN

DRAWN BY:	NMS
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	As indicated

AD.1

Project Phase: CONSTRUCTION DOCUMENTS

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CONSTRUCTION LEGEND

- NOT IN SCOPE
- WORK AREA BOUNDARY- BASE SCOPE
- WORK AREA BOUNDARY- ADD ALTERNATE #1 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #2 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #3 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #4
- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION

DEMOLITION LEGEND

NOTE ID	DESCRIPTION
CASEWORK AND MILLWORK	
CM5	REMOVE WALL CABINET
CM6	REMOVE EXISTING WORKSTATION COMPLETE. CAP EXISTING UTILITIES FOR FUTURE CONNECTION TO NEW LAB WORKSTATION
CM7	REMOVE EXISTING COMPOSITE COLUMN WRAPS AS REQUIRED TO REMOVE EXISTING WINDOW ASSEMBLY
CM8	REMOVE EXISTING FASCIA TRIM ASSEMBLIES COMPLETE
CEILING	
CL1	REMOVE ACOUSTIC CEILING SYSTEM COMPLETE - SALVAGE TILES FOR OWNER
CL2	REMOVE GYPSUM CEILING SYSTEM COMPLETE
CL3	REMOVE PORTIONS OF GYPSUM CEILING AS REQUIRED FOR WORK ABOVE CEILING
CONCRETE	
C5	REMOVE & DEMOLISH EXISTING CONCRETE ENTRANCE PAD - REFER TO CIVIL DRAWINGS
DOORS AND WINDOWS	
DW1	REMOVE EXISTING WINDOW(S) COMPLETE
DW2	REMOVE DOOR AND HARDWARE ONLY (EXISTING FRAME TO REMAIN)
DW8	REMOVE DOOR AND FRAME
EQUIPMENT	
E1	REMOVE LOCKERS COMPLETE.
E7	REMOVE BASKETBALL HOOP ASSEMBLY AND REASSEMBLE AFTER WORK IS COMPLETE
E9	REMOVE PLUMBING FIXTURE(S) COMPLETE. SEE PLUMBING DRAWINGS

DEMOLITION LEGEND

NOTE ID	DESCRIPTION
E14	DISCONNECT AND REMOVE EXISTING HVAC EQUIPMENT AS INDICATED. COORDINATE ALL WORK WITH MECHANICAL DRAWINGS AND SPECIFICATIONS, AND VERIFY ANY SYSTEMS OR COMPONENTS REQUIRED TO REMAIN PRIOR TO REMOVAL.
E15	REMOVE TOILET PARTITIONS COMPLETE
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DEMOLITION LEGEND

NOTE ID	DESCRIPTION
E33	REMOVE AND SALVAGE EXISTING HEADWALL UNIT. CUT / CAP AND MAKE SAFE UTILITIES AT INT. WALL LOCATION
FIRE PROTECTION	
FP1	DISCONNECT AND MAKE SAFE EXISTING SPRINKLER HEAD AND ASSOCIATED PIPING. COORDINATE ALL WORK WITH FIRE PROTECTION SPECIFICATIONS AND MAINTAIN ANY SYSTEMS REQUIRED TO REMAIN IN SERVICE.
FLOORING	
F1	REMOVE VCT / VINYL SHEET FLOORING
F2	REMOVE CARPETING, GLUE AND BASE
F3	REMOVE CERAMIC FLOORING COMPLETE
F9	REMOVE ALL CONSTRUCTION DEBRIS AND PREPARE EXISTING FLOOR FOR NEW FLOORING
MASONRY	
M2	REMOVE MASONRY WALL AS REQUIRED FOR NEW WORK

DEMOLITION LEGEND:

- NOT IN SCOPE
- EXISTING CONSTRUCTION TO REMAIN
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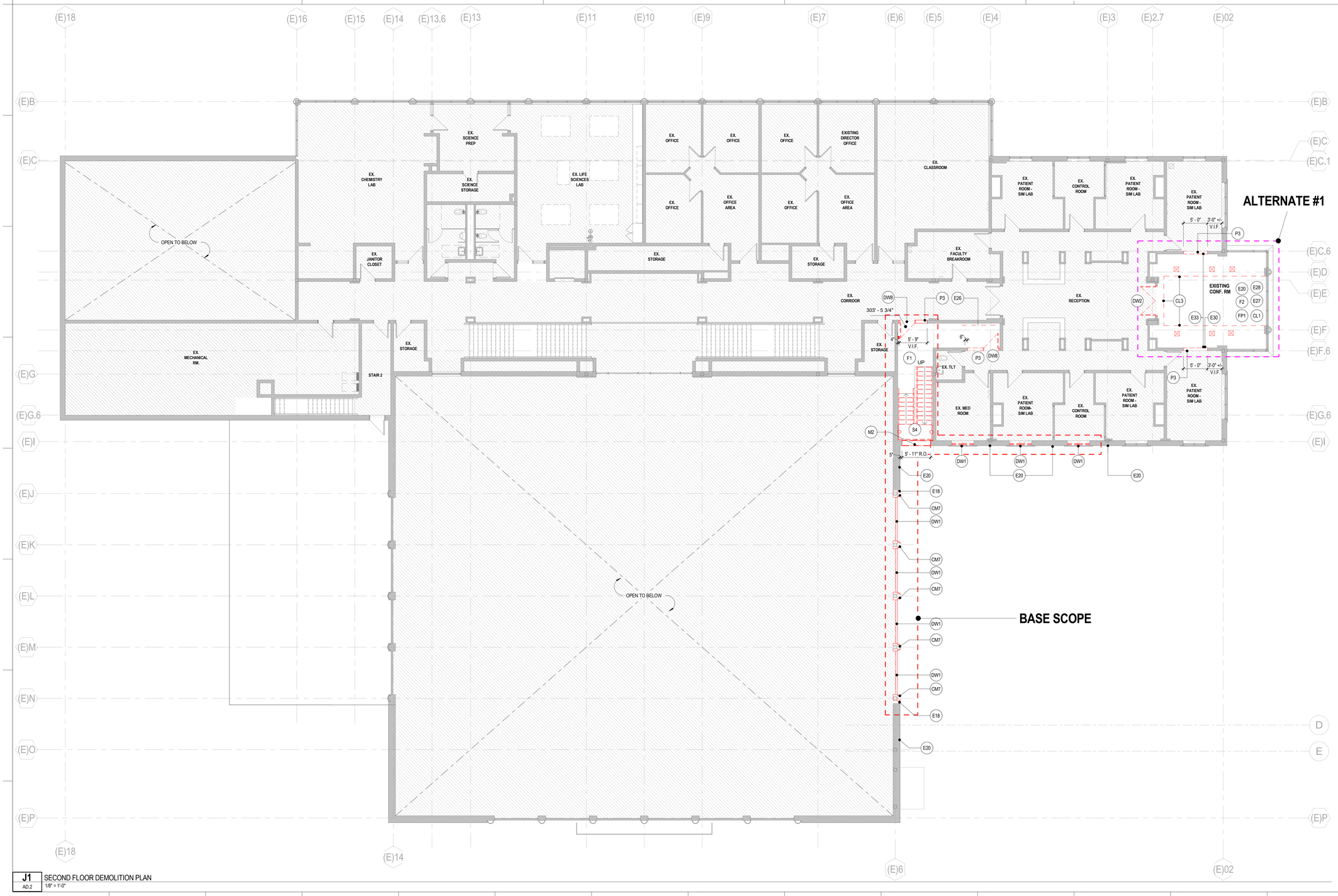

J1 SECOND FLOOR DEMOLITION PLAN
AD.2 1/8" = 1'-0"

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LICENSED ARCHITECT RICHARD R. RIZZI No. 3807 STATE OF MAINE

CENTRAL MAINE COMMUNITY COLLEGE

CMCC HEALTHCARE TRAINING EXPANSION

BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

CONTENT: SECOND FLOOR DEMOLITION PLAN

DRAWN BY:	NMS
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	As indicated

AD.2

Project Phase: CONSTRUCTION DOCUMENTS

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DEMOLITION LEGEND - AD.2

NOTE ID	DESCRIPTION
CASEWORK AND MILLWORK	
CM5	REMOVE WALL CABINET
CM6	REMOVE EXISTING WORKSTATION COMPLETE. CAP EXISTING UTILITIES FOR FUTURE CONNECTION TO NEW LAB WORKSTATION
CM7	REMOVE EXISTING COMPOSITE COLUMN WRAPS AS REQUIRED TO REMOVE EXISTING WINDOW ASSEMBLY
CM8	REMOVE EXISTING FASCIA TRIM ASSEMBLIES COMPLETE
CEILING	
CL1	REMOVE ACOUSTIC CEILING SYSTEM COMPLETE - SALVAGE TILES FOR OWNER
CL2	REMOVE GYPSUM CEILING SYSTEM COMPLETE
CL3	REMOVE PORTIONS OF GYPSUM CEILING AS REQUIRED FOR WORK ABOVE CEILING
CONCRETE	
C5	REMOVE & DEMOLISH EXISTING CONCRETE ENTRANCE PAD - REFER TO CIVIL DRAWINGS
DOORS AND WINDOWS	
DW1	REMOVE EXISTING WINDOW(S) COMPLETE
DW2	REMOVE DOOR AND HARDWARE ONLY (EXISTING FRAME TO REMAIN)
DW8	REMOVE DOOR AND FRAME
EQUIPMENT	
E1	REMOVE LOCKERS COMPLETE.
E7	REMOVE BASKETBALL HOOP ASSEMBLY AND REASSEMBLE AFTER WORK IS COMPLETE
E9	REMOVE PLUMBING FIXTURE(S) COMPLETE. SEE PLUMBING DRAWINGS
E14	DISCONNECT AND REMOVE EXISTING HVAC EQUIPMENT AS INDICATED. COORDINATE ALL WORK WITH MECHANICAL DRAWINGS AND SPECIFICATIONS, AND VERIFY ANY SYSTEMS OR COMPONENTS REQUIRED TO REMAIN PRIOR TO REMOVAL.
E15	REMOVE TOILET PARTITIONS COMPLETE
E18	REMOVE EXISTING DOWNSPOUT COMPLETE
E19	REMOVE EXISTING WIRING

DEMOLITION LEGEND - AD.2

NOTE ID	DESCRIPTION
E20	REMOVE EXISTING LIGHT FIXTURE AND SALVAGE FOR OWNER REUSE
E21	REMOVE EXISTING EXTERIOR LIGHTING AND SALVAGE FOR REUSE
E23	REMOVE SEGMENT OF EXISTING ROOF FASCIA/ GUTTER SYSTEM - VERIFY EXTENTS IN THE FIELD BASED FOOTPRINT OF NEW CONSTRUCTION
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E33	REMOVE AND SALVAGE EXISTING HEADWALL UNIT. CUT / CAP AND MAKE SAFE UTILITIES AT INT. WALL LOCATION
FIRE PROTECTION	
FP1	DISCONNECT AND MAKE SAFE EXISTING SPRINKLER HEAD AND ASSOCIATED PIPING. COORDINATE ALL WORK WITH FIRE PROTECTION SPECIFICATIONS AND MAINTAIN ANY SYSTEMS REQUIRED TO REMAIN IN SERVICE.
FLOORING	
F1	REMOVE VCT / VINYL SHEET FLOORING
F2	REMOVE CARPETING, GLUE AND BASE
F3	REMOVE CERAMIC FLOORING COMPLETE
F9	REMOVE ALL CONSTRUCTION DEBRIS AND PREPARE EXISTING FLOOR FOR NEW FLOORING

DEMOLITION LEGEND - AD.2

NOTE ID	DESCRIPTION
MASONRY	
M2	REMOVE MASONRY WALL AS REQUIRED FOR NEW WORK
PARTITION	
P1	REMOVE STUD AND GYPSUM BOARD PARTITION
P3	REMOVE PORTION OF PARTITION FOR NEW OPENING
STRUCTURE	
S4	REMOVE STAIRS, LANDINGS RAILINGS COMPLETE

DEMOLITION LEGEND:

NOT IN SCOPE

EXISTING CONSTRUCTION TO REMAIN

EXISTING CONSTRUCTION TO BE REMOVED

(S1) DEMOLITION NOTE (NOTE : ALL NUMBERS OMITTED ARE NOT IN USE)

DEMOLITION NOTES:

GENERAL NOTES:

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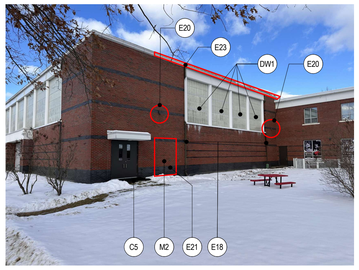
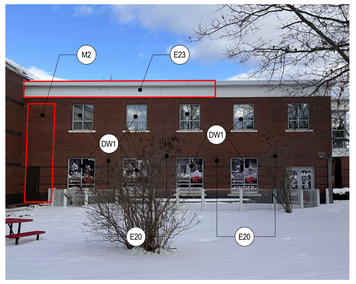
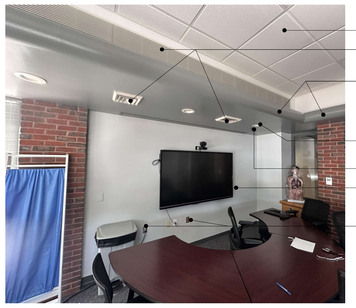


D7 AD.3 DEMOLITION ELEVATION - EXTERIOR
1/4" = 1'-0"



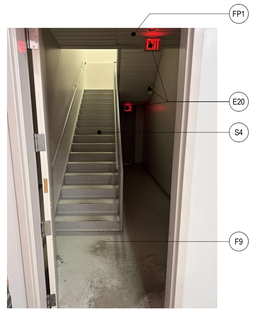
D10 AD.3 DEMOLITION ELEVATION - EXTERIOR
1/4" = 1'-0"

D13 AD.3 DEMOLITION ELEVATION - EXTERIOR
1/4" = 1'-0"



F7 AD.3 DEMOLITION ELEVATION - LEVEL 02 - CONFERENCE ROOM
1/4" = 1'-0"

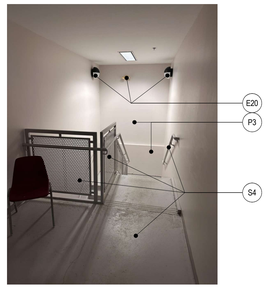
F10 AD.3 DEMOLITION ELEVATION - EXTERIOR
1/4" = 1'-0"



F13 AD.3 DEMOLITION ELEVATION - LEVEL 01 - EGRESS STAIR
1/4" = 1'-0"

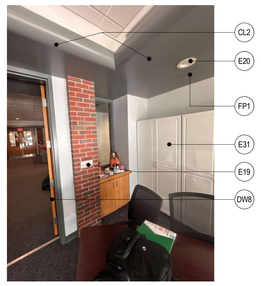
H7 AD.3 DEMOLITION ELEVATION - LEVEL 02 - CONFERENCE ROOM
1/4" = 1'-0"

H10 AD.3 DEMOLITION ELEVATION - LEVEL 02 - EGRESS STAIR
1/4" = 1'-0"



H13 AD.3 DEMOLITION ELEVATION - LEVEL 02 - EGRESS STAIR
1/4" = 1'-0"

J10 AD.3 DEMOLITION ELEVATION - L1 - GYMNASIUM
1/4" = 1'-0"



J1 AD.3 DEMOLITION ELEVATION - L2 CONFERENCE ROOM
1/4" = 1'-0"

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BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

CONTENT:
PROPOSED DEMOLITION

DRAWN BY:	NMS
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	As indicated

AD.3

Project Phase
CONSTRUCTION DOCUMENTS

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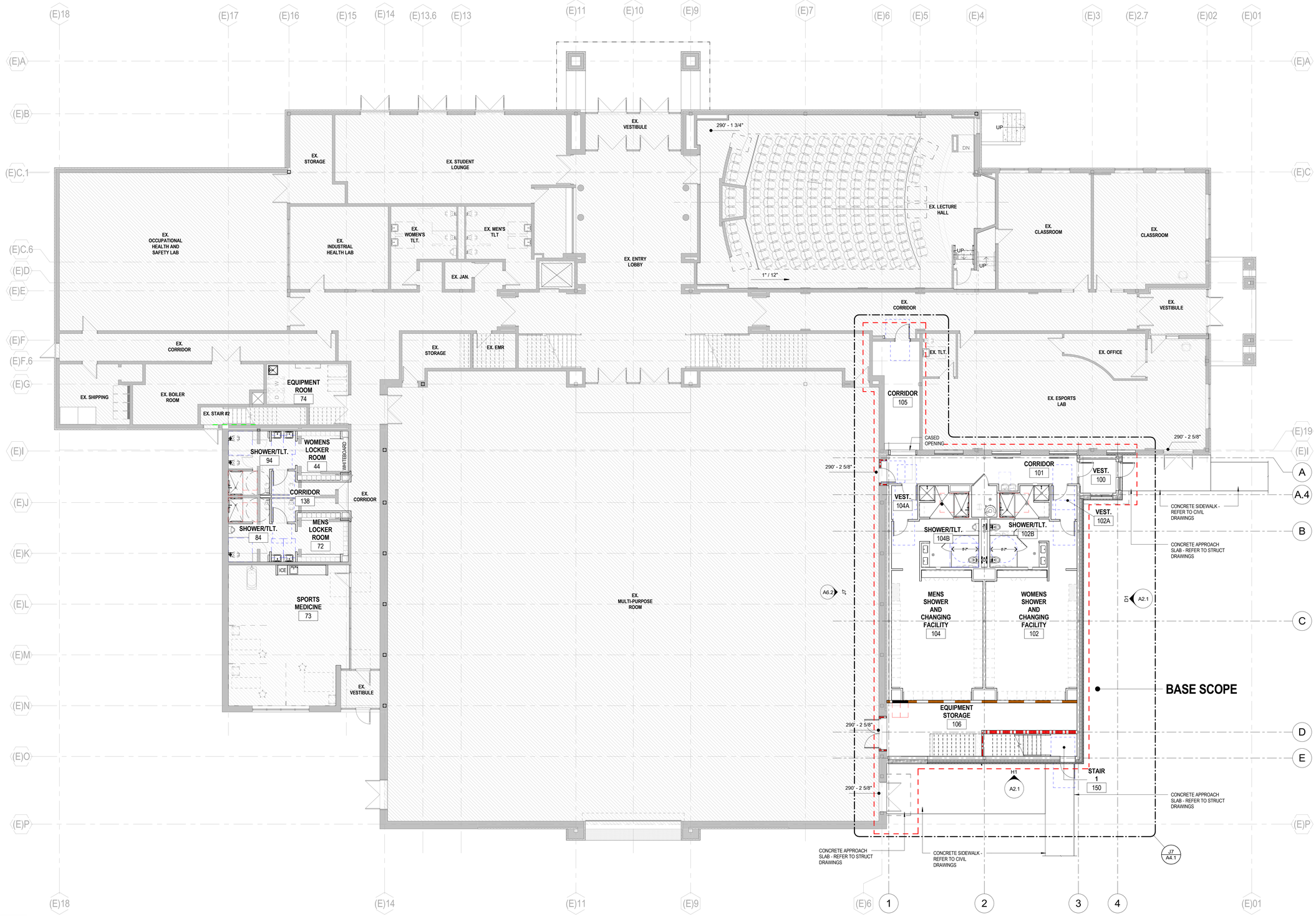
CONSTRUCTION LEGEND

- NOT IN SCOPE
- WORK AREA BOUNDARY- BASE SCOPE
- WORK AREA BOUNDARY- ADD ALTERNATE #1 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #2 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #3 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #4
- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION

GENERAL NOTES

1. ALL DIMENSIONS ARE TO FACE OF STUD, UNO.
2. ALL DIMENSIONS TO EXISTING WALL ARE TO FACE OF FINISH.
3. ALL SPLAYS SHOWN ON PLANS ARE 45°, UNO.
4. ALL NEW PARTITIONS ARE TYPE S3A, UNO.
5. REFERENCE CODE ANALYSIS PLANS AND SPECIFICATIONS FOR EXTENT OF FIREPROOFING.
6. ALL EXPOSED MECHANICAL AND ELECTRICAL SERVICES IN AREAS WITHOUT CEILINGS SHALL BE CAREFULLY COORDINATED AND ORGANIZED SO AS TO PROVIDE A NEAT AND ORDERLY APPEARANCE. SERVICES SHALL BE RUN IN STRAIGHT LINES PARALLEL OR PERPENDICULAR TO EXPOSED STRUCTURE. ALL SERVICES SHALL BE RUN WITHIN OR BETWEEN EXPOSED STRUCTURE TO THE EXTENT POSSIBLE. LAYOUTS FOR PROPOSED SERVICES SHALL BE REVIEWED WITH THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
7. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR VERIFYING DIMENSIONS. ALL DISCREPANCIES BETWEEN ANTICIPATED AND ACTUAL CONDITIONS SHALL BE PROMPTLY BROUGHT TO THE ARCHITECT'S ATTENTION.
8. ALL FURNITURE OR EQUIPMENT SHOWN IS FOR REFERENCE ONLY UNLESS OTHERWISE NOTED.



J1 FIRST FLOOR PLAN
A1.1 1/8" = 1'-0"

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CENTRAL MAINE COMMUNITY COLLEGE

CMCC HEALTHCARE TRAINING EXPANSION

BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

CONTENT: FIRST FLOOR PLAN

DRAWN BY:	NMS
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	As indicated

A1.1

Project Phase
CONSTRUCTION DOCUMENTS

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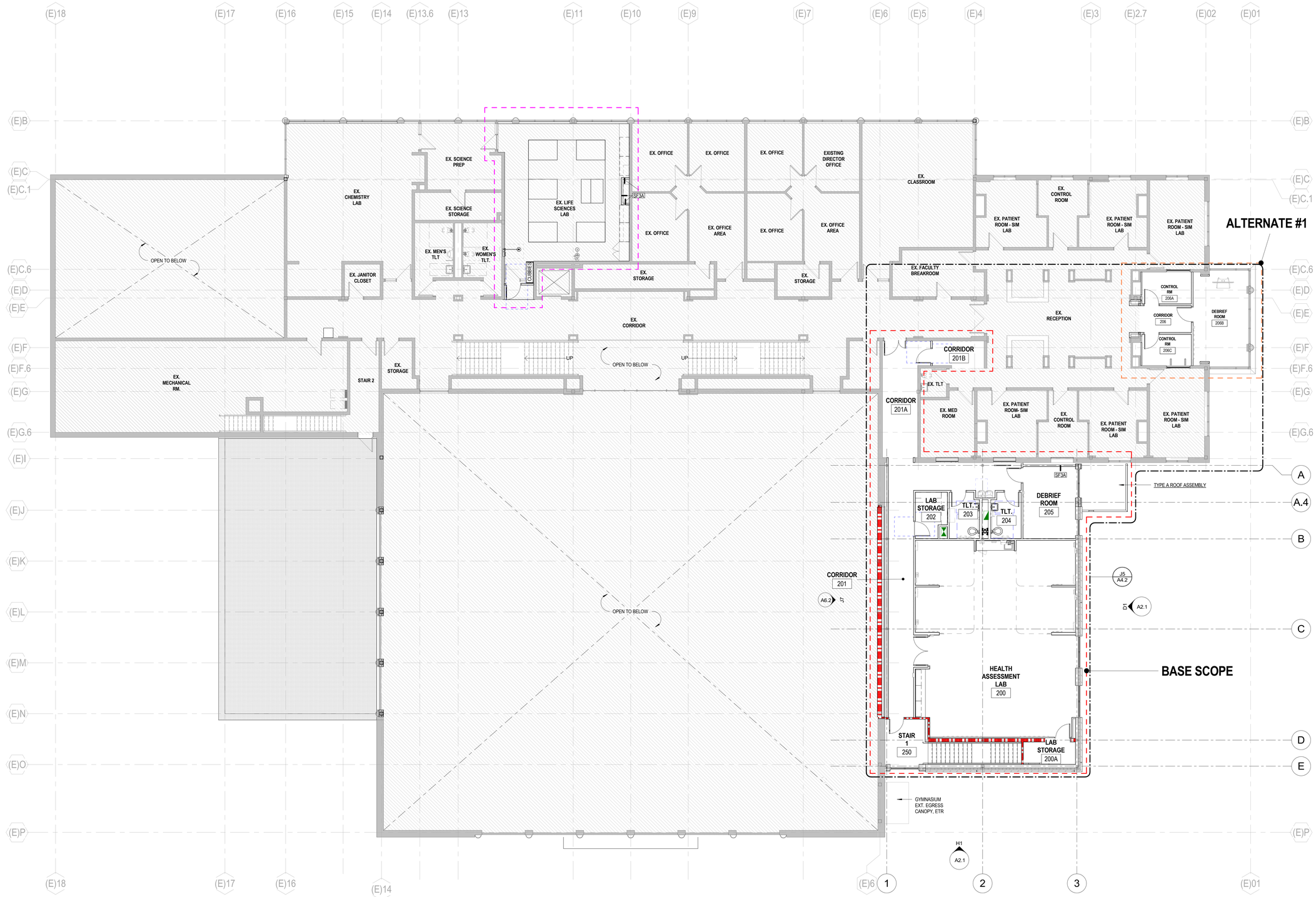
CONSTRUCTION LEGEND

- NOT IN SCOPE
- WORK AREA BOUNDARY- BASE SCOPE
- WORK AREA BOUNDARY- ADD ALTERNATE #1 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #2 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #3 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #4
- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION

GENERAL NOTES

1. ALL DIMENSIONS ARE TO FACE OF STUD, UNO.
2. ALL DIMENSIONS TO EXISTING WALL ARE TO FACE OF FINISH.
3. ALL SPLAYS SHOWN ON PLANS ARE 45°, UNO.
4. ALL NEW PARTITIONS ARE TYPE S3A, UNO.
5. REFERENCE CODE ANALYSIS PLANS AND SPECIFICATIONS FOR EXTENT OF FIREPROOFING.
6. ALL EXPOSED MECHANICAL AND ELECTRICAL SERVICES IN AREAS WITHOUT CEILINGS SHALL BE CAREFULLY COORDINATED AND ORGANIZED SO AS TO PROVIDE A NEAT AND ORDERLY APPEARANCE. SERVICES SHALL BE RUN IN STRAIGHT LINES PARALLEL OR PERPENDICULAR TO EXPOSED STRUCTURE. ALL SERVICES SHALL BE RUN WITHIN OR BETWEEN EXPOSED STRUCTURE TO THE EXTENT POSSIBLE. LAYOUTS FOR PROPOSED SERVICES SHALL BE REVIEWED WITH THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
7. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR VERIFYING DIMENSIONS. ALL DISCREPANCIES BETWEEN ANTICIPATED AND ACTUAL CONDITIONS SHALL BE PROMPTLY BROUGHT TO THE ARCHITECT'S ATTENTION.
8. ALL FURNITURE OR EQUIPMENT SHOWN IS FOR REFERENCE ONLY UNLESS OTHERWISE NOTED.



J1 SECOND FLOOR PLAN
A1.2 1/8" = 1'-0"

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BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

CONTENT: SECOND FLOOR PLAN

DRAWN BY:	NMS
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	As indicated

A1.2

Project Phase: CONSTRUCTION DOCUMENTS

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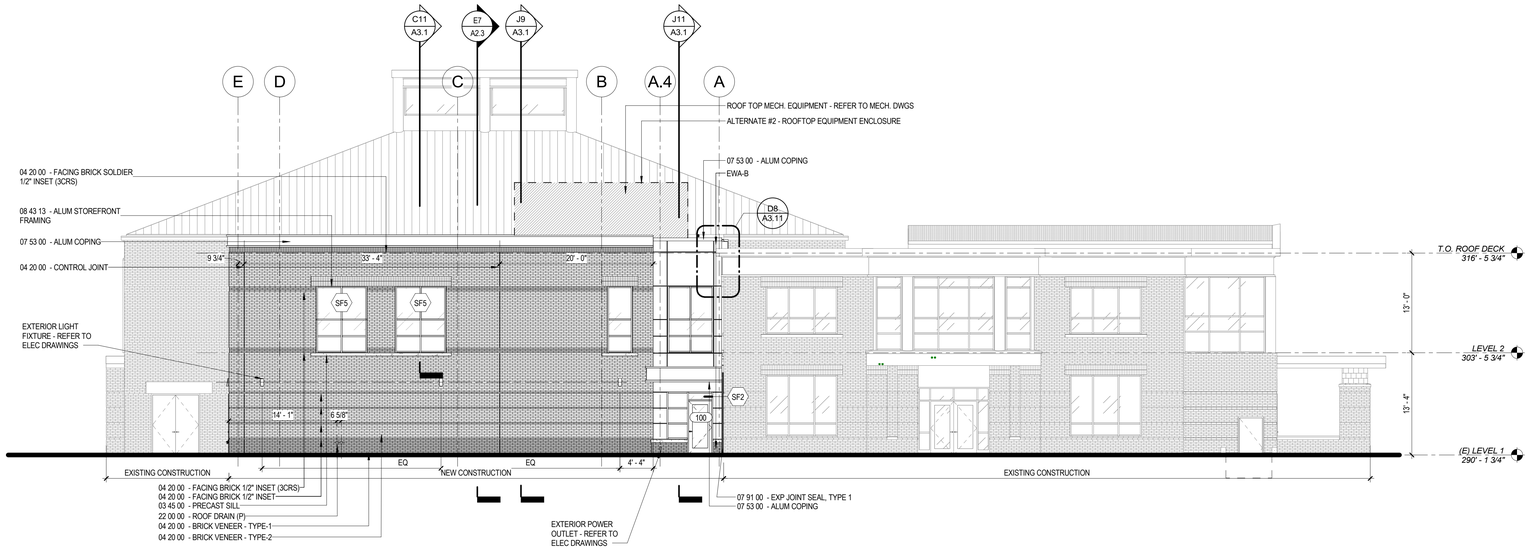
GENERAL NOTE:
1) ALL MOUNTING LOCATIONS FOR EXTERIOR ELECTRICAL AND PLUMBING FIXTURES SHALL BE COORDINATED WITH MASONRY COURSING PRIOR TO INSTALLATION. FINAL LOCATIONS SHALL BE REVIEWED WITH THE ARCHITECT PRIOR TO INSTALLATION.



D1 A2.1 OVERALL EAST ELEVATION
1/8" = 1'-0"

H1 A2.1 OVERALL SOUTH ELEVATION
1/8" = 1'-0"

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BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

CONTENT:
EXTERIOR ELEVATIONS

DRAWN BY:	MPM/MOL
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	1/8" = 1'-0"

A2.1

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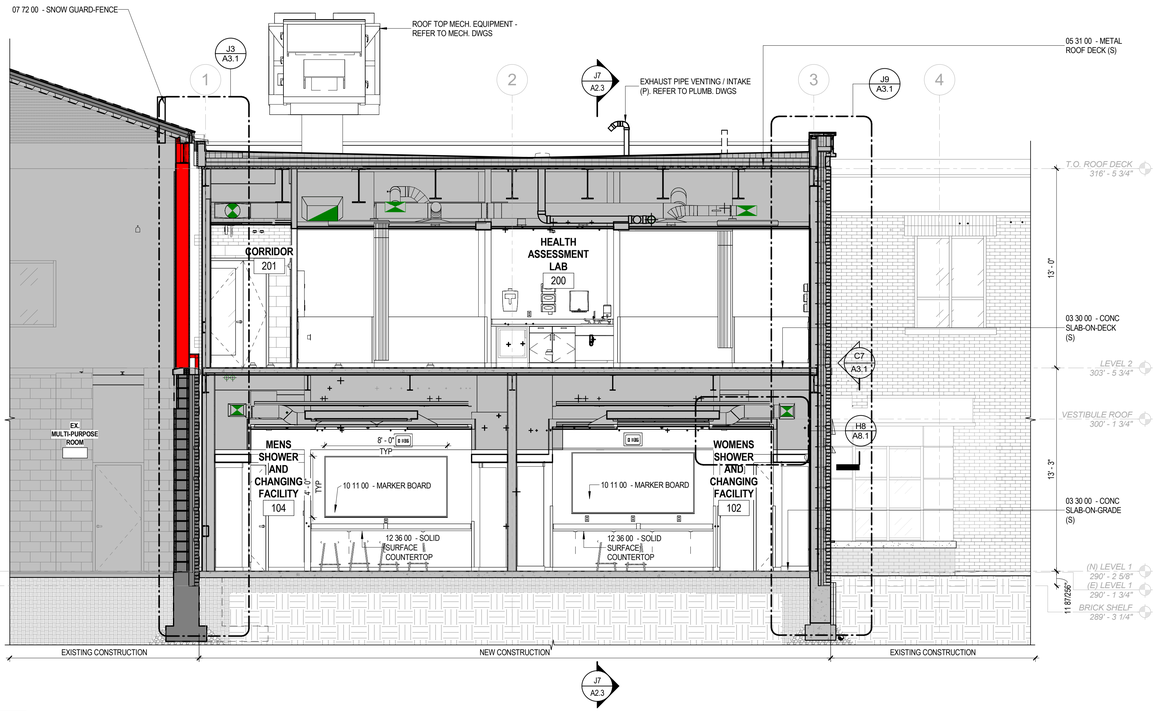
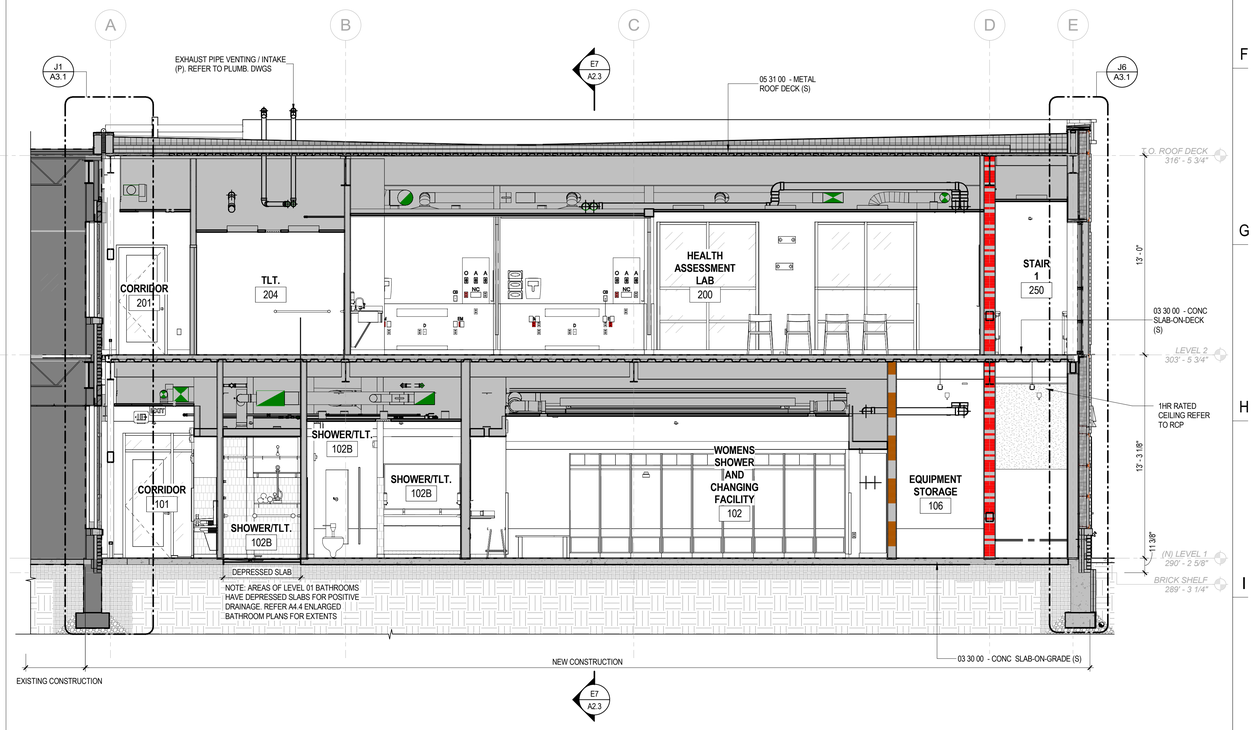


E7 A2.3 BUILDING SECTION - WEST TO EAST
1/4" = 1'-0"



J7 A2.3 BUILDING SECTION - NORTH TO SOUTH
1/4" = 1'-0"

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BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

CONTENT:
BUILDING SECTIONS & TYPICAL WALL SECTION

DRAWN BY:	MOL
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	1/4" = 1'-0"

A2.3

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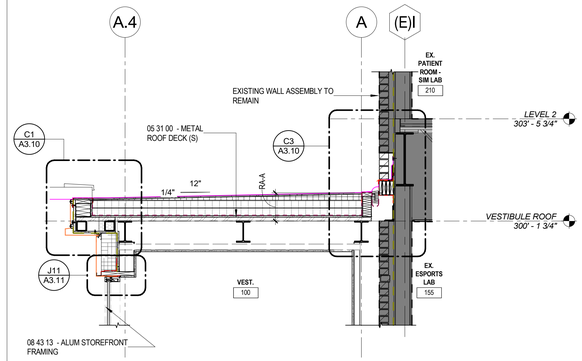
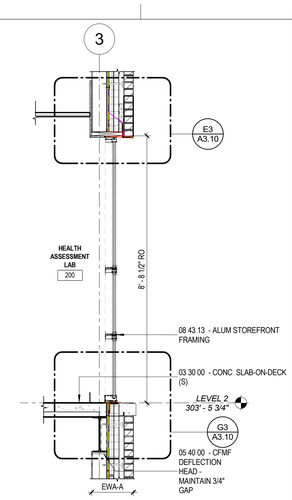


C7 A3.1 WALL SECTION
1/2" = 1'-0"



C11 A3.1 WALL SECTION
1/2" = 1'-0"

- **EXTERIOR WALL ASSEMBLIES:**
- **EWA-A:**

INTERIOR

- 09 21 16 - GYPSUM BD-5/8"
- 05 40 00 - CFMF 6",8" STUD
- 05 40 00 - EXTERIOR SHEATHING-5/8"
- 07 25 00 - WEATHER BARRIER SYSTEM
- 07 21 00 - RIGID WALL INSUL. BD: 4"
- 2" - AIR GAP
- 04 20 00 - FACING BRICK

EXTERIOR

- **EWA-B:**

INTERIOR

- 09 21 16 - GYPSUM BD-5/8"
- 05 40 00 - CFMF 6",8" STUD
- 05 40 00 - EXTERIOR SHEATHING-5/8"
- 07 25 00 - WEATHER BARRIER SYSTEM
- 07 42 64 - CLADDING SUPPORT SYSTEM
- 07 21 00 - MINERAL FIBER BOARD INSUL: 6"
- 07 42 64 - MCM PANELS

EXTERIOR

- **EWA-(EXISTING)**

INTERIOR

- 09 21 16 - GYPSUM BD-5/8"
- 05 40 00 - CFMF 6" STUD
- 05 40 00 - EXTERIOR SHEATHING-5/8"
- 07 25 00 - WEATHER BARRIER SYSTEM
- 2" - AIR GAP
- 04 20 00 - FACING BRICK

EXTERIOR

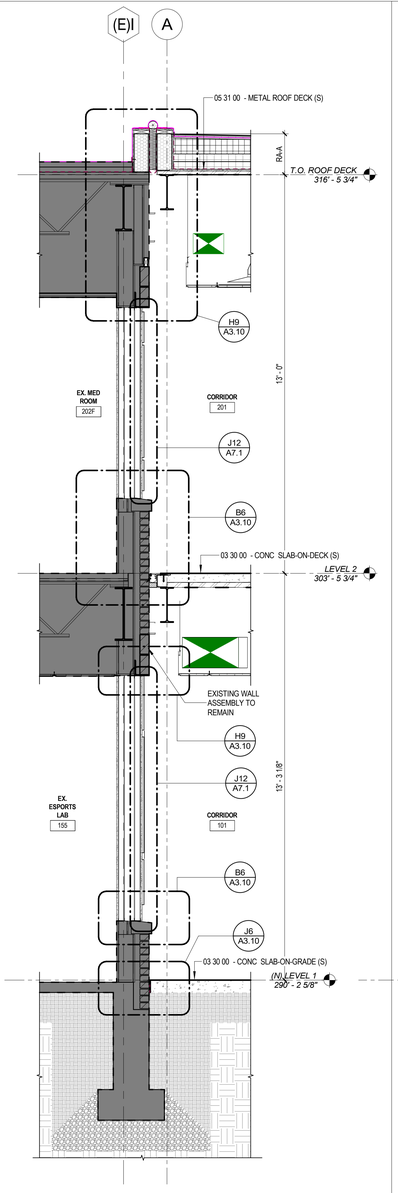
- **ROOF ASSEMBLIES:**
- **RA-A:**

INTERIOR

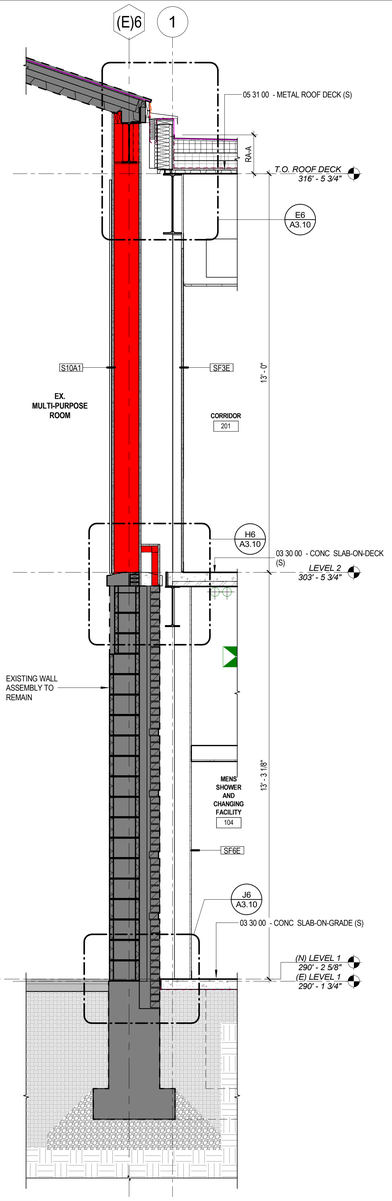
- 05 31 00 - METAL ROOF DECK(S)
- 07 53 00 - DECK SHEATHING
- 07 53 00 - ROOF SHEET VAPOR RETARDER
- 07 53 00 - RIGID ROOF INSUL BD: 6"
- 07 53 00 - TAPERED ROOF INSULATION
- 07 53 00 - INSUL COVERBOARD
- 07 53 00 - MEMBRANE ROOF-ADHERED
- 07 53 00 - WALKWAY PADS

EXTERIOR

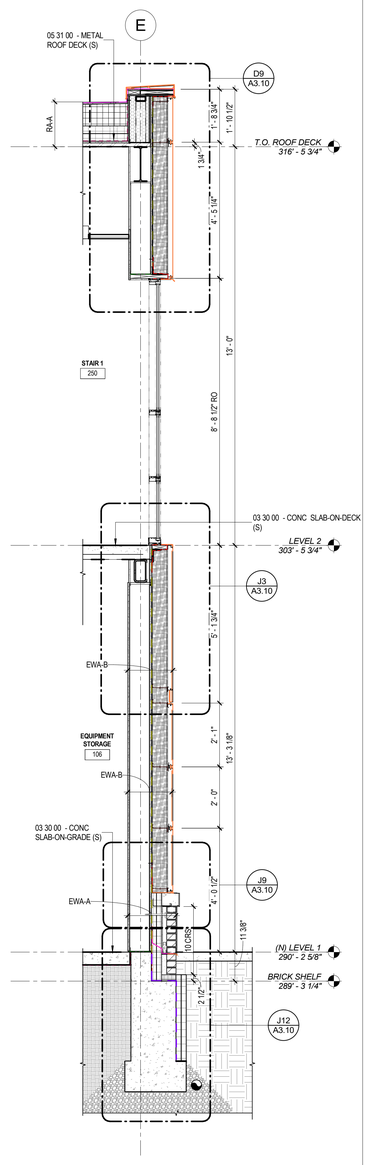
C13 A3.1 EXTERIOR WALL / ROOF ASSEMBLIES
12" = 1'-0"



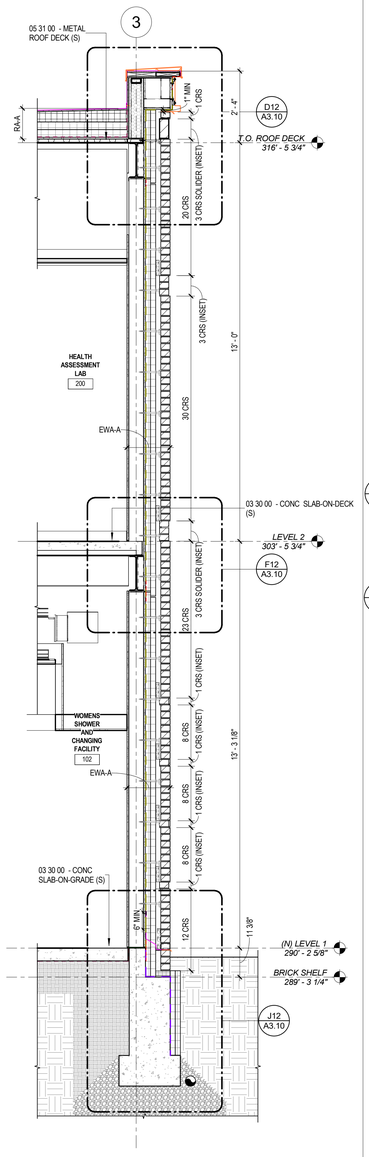
J1 A3.1 WALL SECTION - DETAIL
1/2" = 1'-0"



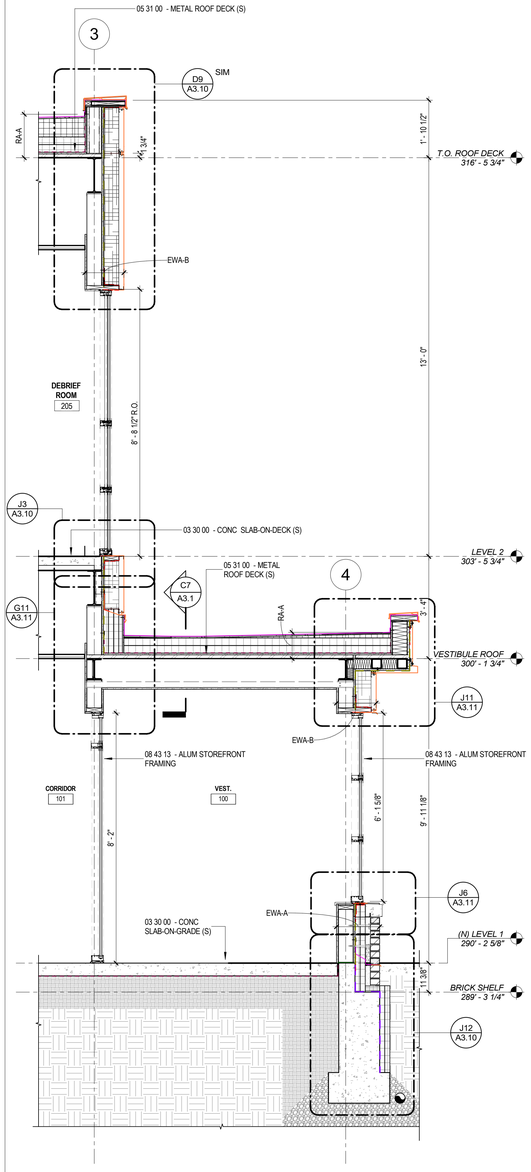
J3 A3.1 WALL SECTION
1/2" = 1'-0"



J6 A3.1 WALL SECTION
1/2" = 1'-0"



J9 A3.1 WALL SECTION
1/2" = 1'-0"



J11 A3.1 WALL SECTION
1/2" = 1'-0"

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CMCC HEALTHCARE TRAINING EXPANSION

BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT:
WALL SECTIONS

DRAWN BY:	MOL
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	As indicated

A3.1

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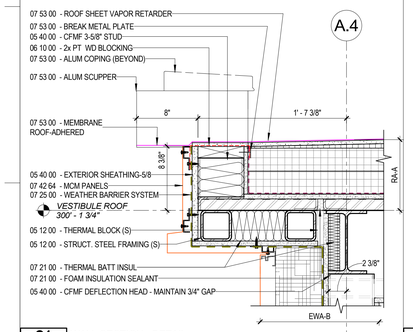
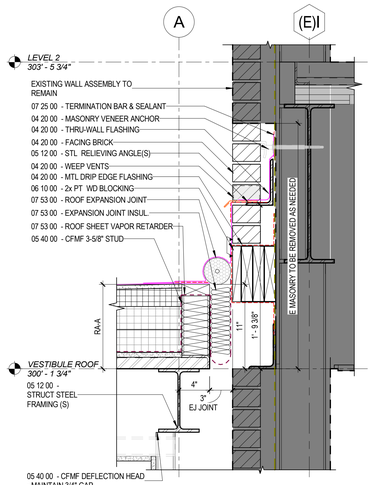
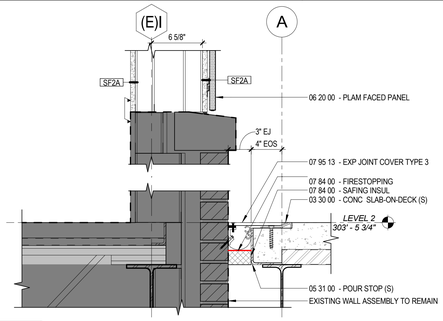


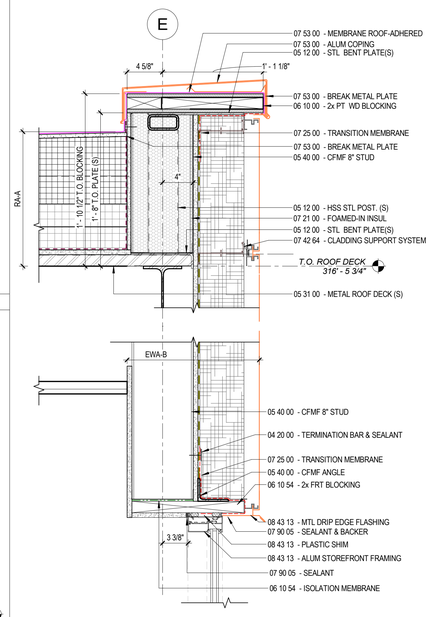
C1 A3.10 WALL SECTION - DETAIL
1 1/2" = 1'-0"



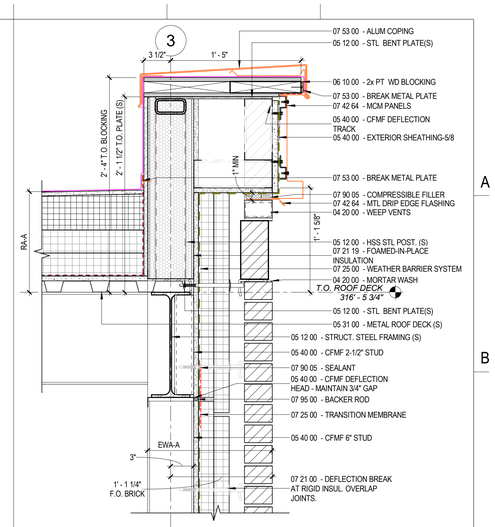
C3 A3.10 WALL SECTION - DETAIL
1 1/2" = 1'-0"



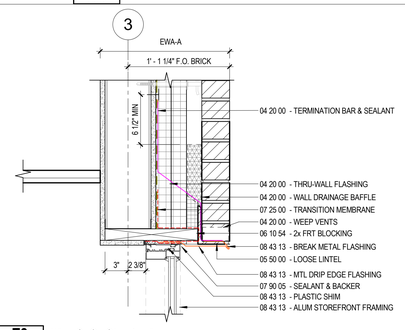
B6 A3.10 WALL SECTION - DETAIL
1 1/2" = 1'-0"



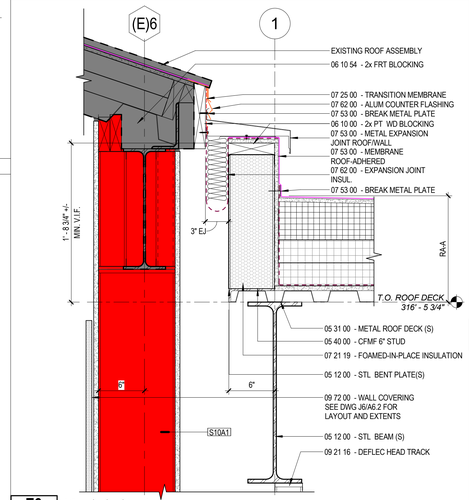
D9 A3.10 WALL SECTION - DETAIL
1 1/2" = 1'-0"



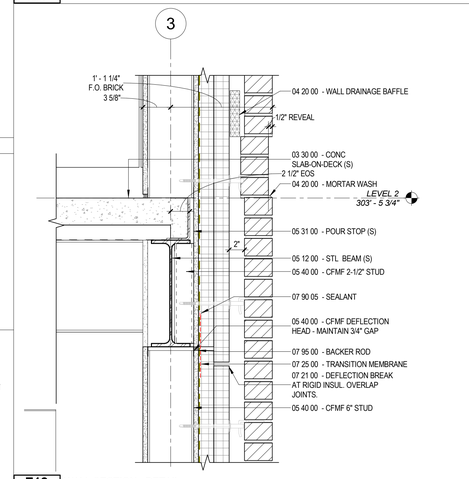
D12 A3.10 WALL SECTION - DETAIL
1 1/2" = 1'-0"



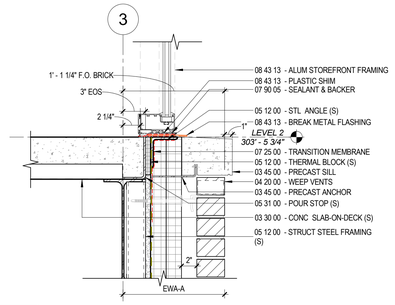
E3 A3.10 WALL SECTION - DETAIL
1 1/2" = 1'-0"



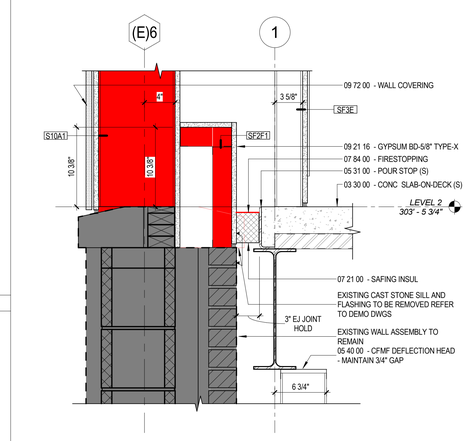
E6 A3.10 WALL SECTION - DETAIL
1 1/2" = 1'-0"



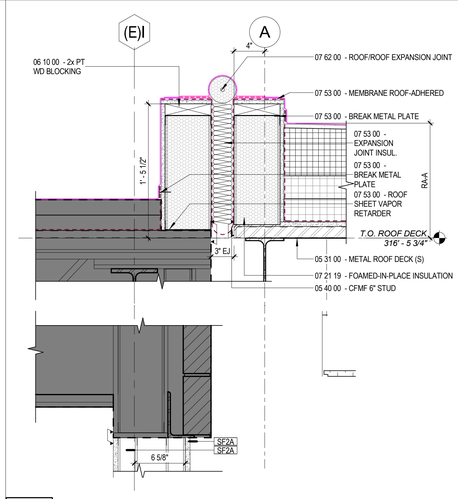
F12 A3.10 WALL SECTION - DETAIL
1 1/2" = 1'-0"



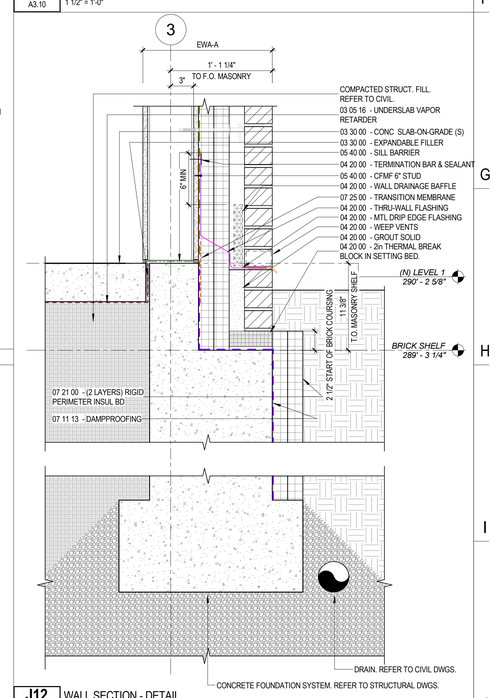
G3 A3.10 WALL SECTION - DETAIL
1 1/2" = 1'-0"



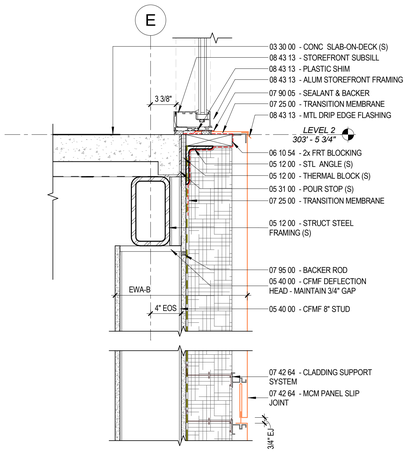
H6 A3.10 WSD - A3.11 - 06
1 1/2" = 1'-0"



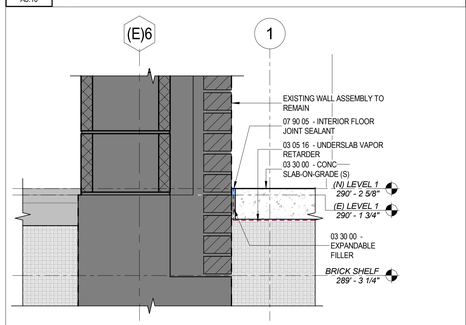
H9 A3.10 WALL SECTION - DETAIL
1 1/2" = 1'-0"



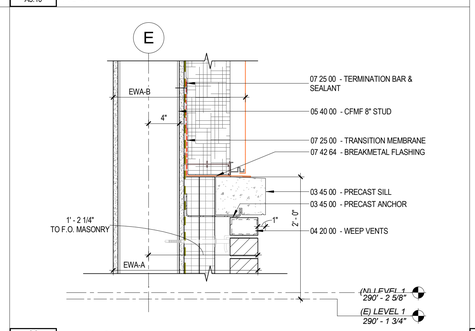
J12 A3.10 WALL SECTION - DETAIL
1 1/2" = 1'-0"



J3 A3.10 WALL SECTION - DETAIL
1 1/2" = 1'-0"



J6 A3.10 WALL SECTION - DETAIL
1 1/2" = 1'-0"



J9 A3.10 WALL SECTION - DETAIL
1 1/2" = 1'-0"

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BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT:
WALL SECTIONS DETAILS

DRAWN BY:	MOL
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	1 1/2" = 1'-0"

A3.10

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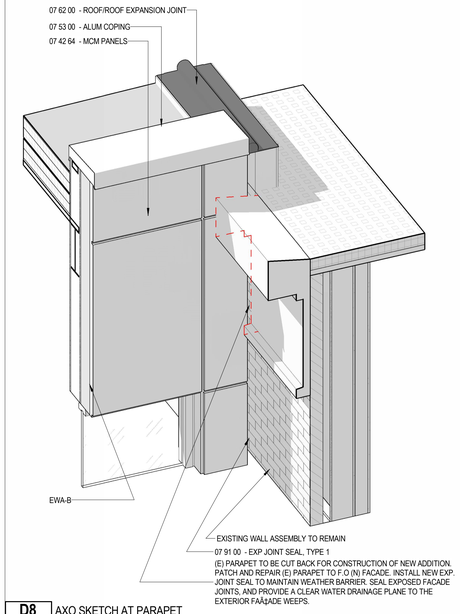
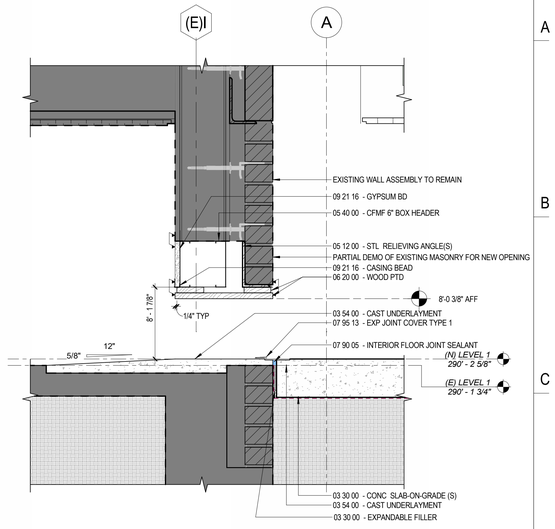
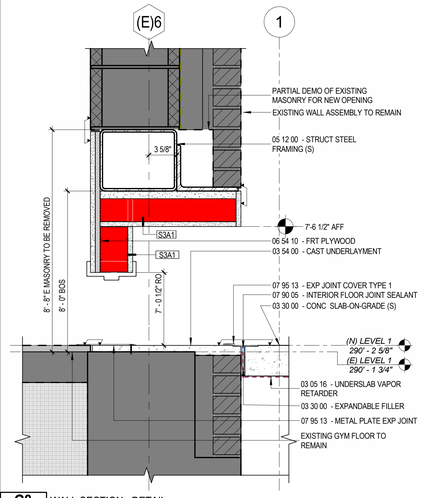


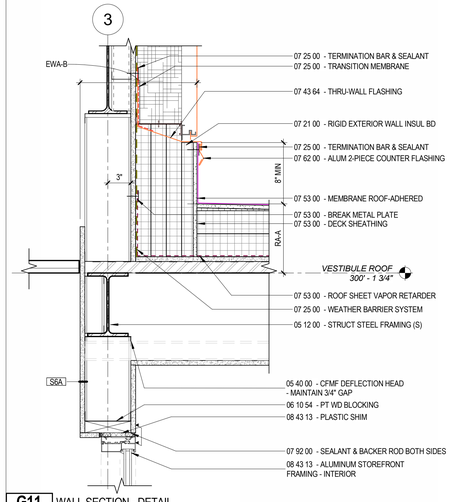
D8 A3.11 — AXO SKETCH AT PARAPET
1/4" = 1'-0"



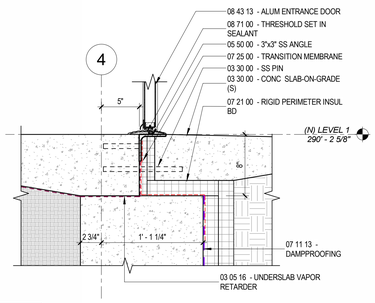
D11 A3.11 — WALL SECTION - DETAIL
1 1/2" = 1'-0"



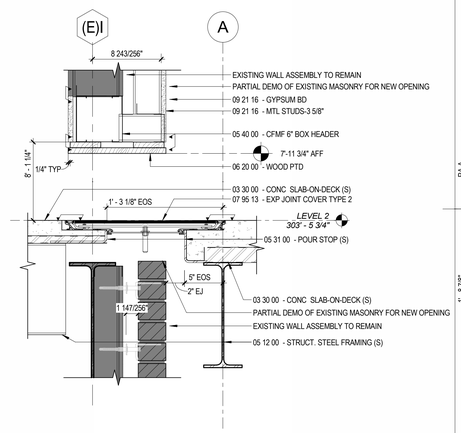
G8 A3.11 — WALL SECTION - DETAIL
1 1/2" = 1'-0"



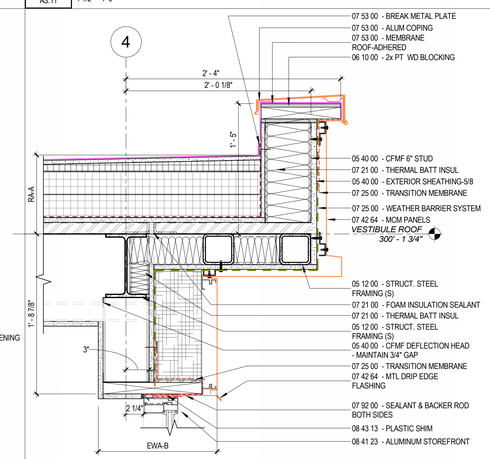
G11 A3.11 — WALL SECTION - DETAIL
1 1/2" = 1'-0"



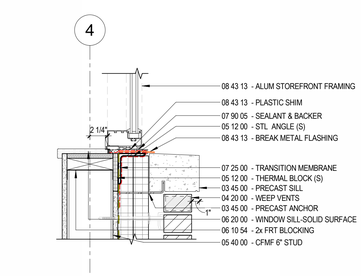
H6 A3.11 — WALL SECTION - DETAIL
1 1/2" = 1'-0"



J8 A3.11 — WALL SECTION - DETAIL
1 1/2" = 1'-0"



J11 A3.11 — WALL SECTION - DETAIL
1 1/2" = 1'-0"



J6 A3.11 — WALL SECTION - DETAIL
1 1/2" = 1'-0"

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RICHARD R. BIZZI
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CENTRAL MAINE COMMUNITY COLLEGE

CMCC HEALTHCARE TRAINING EXPANSION

BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT:
WALL SECTIONS DETAILS

DRAWN BY:	Author
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	As indicated

A3.11

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GENERAL NOTES

1. ALL DIMENSIONS ARE TO FACE OF STUD, UNO.
2. ALL DIMENSIONS TO EXISTING WALL ARE TO FACE OF FINISH.
3. ALL SPLAYS SHOWN ON PLANS ARE 45°, UNO.
4. ALL NEW PARTITIONS ARE TYPE S3A, UNO.
5. REFERENCE CODE ANALYSIS PLANS AND SPECIFICATIONS FOR EXTENT OF FIREPROOFING.
6. ALL EXPOSED MECHANICAL AND ELECTRICAL SERVICES IN AREAS WITHOUT CEILINGS SHALL BE CAREFULLY COORDINATED AND ORGANIZED SO AS TO PROVIDE A NEAT AND ORDERLY APPEARANCE. SERVICES SHALL BE RUN IN STRAIGHT LINES PARALLEL OR PERPENDICULAR TO EXPOSED STRUCTURE. ALL SERVICES SHALL BE RUN WITHIN OR BETWEEN EXPOSED STRUCTURE TO THE EXTENT POSSIBLE. LAYOUTS FOR PROPOSED SERVICES SHALL BE REVIEWED WITH THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
7. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR VERIFYING DIMENSIONS. ALL DISCREPANCIES BETWEEN ANTICIPATED AND ACTUAL CONDITIONS SHALL BE PROMPTLY BROUGHT TO THE ARCHITECT'S ATTENTION.
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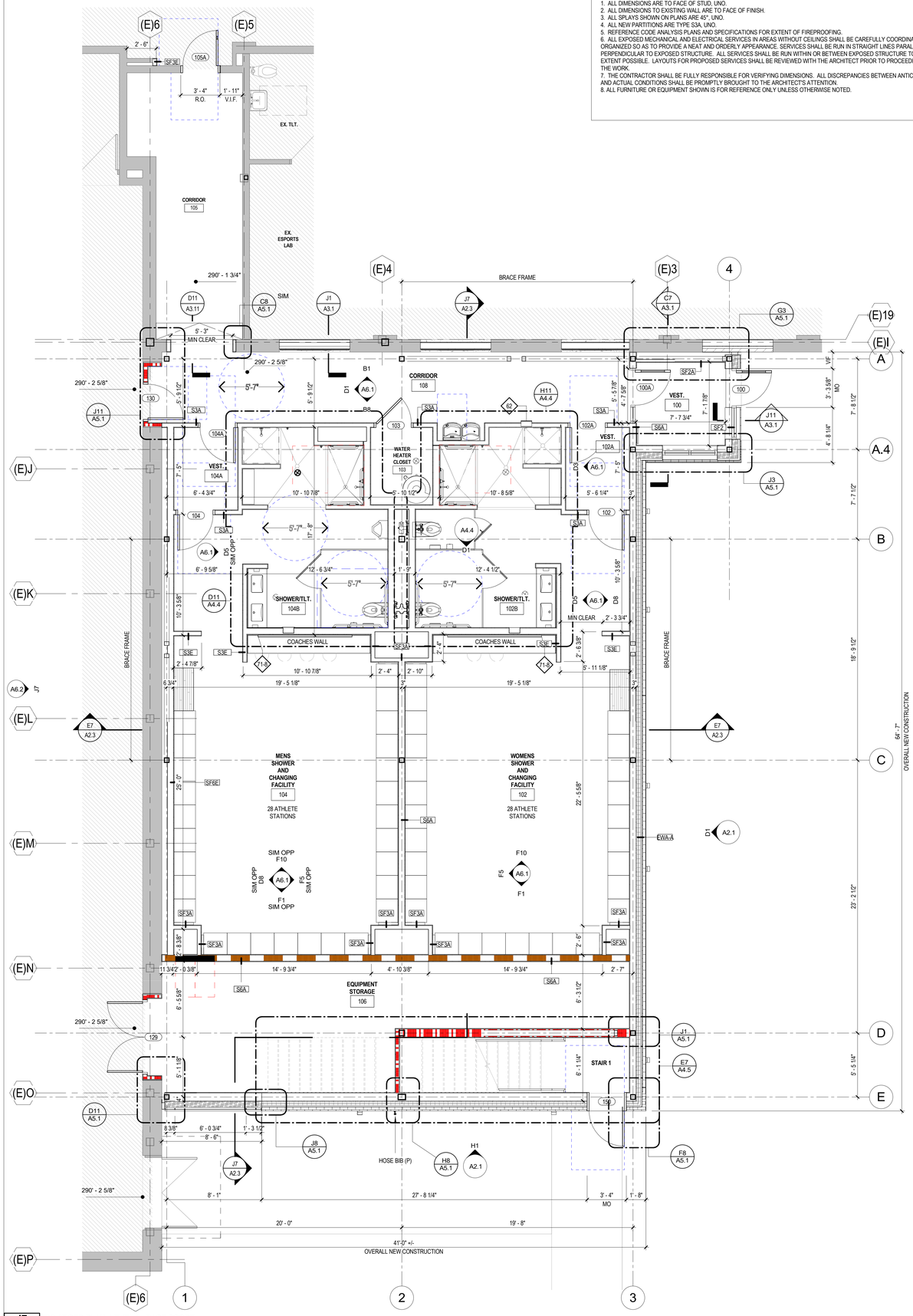

J7 A4.1 ENLARGED PLAN -LEVEL 1 - BASE SCOPE
1/4" = 1'-0"

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CONTENT: ENLARGED PLAN - LEVEL 1

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PROJECT NO:	25-061-00
DATE:	04/24/26
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SCALE:	As indicated

A4.1

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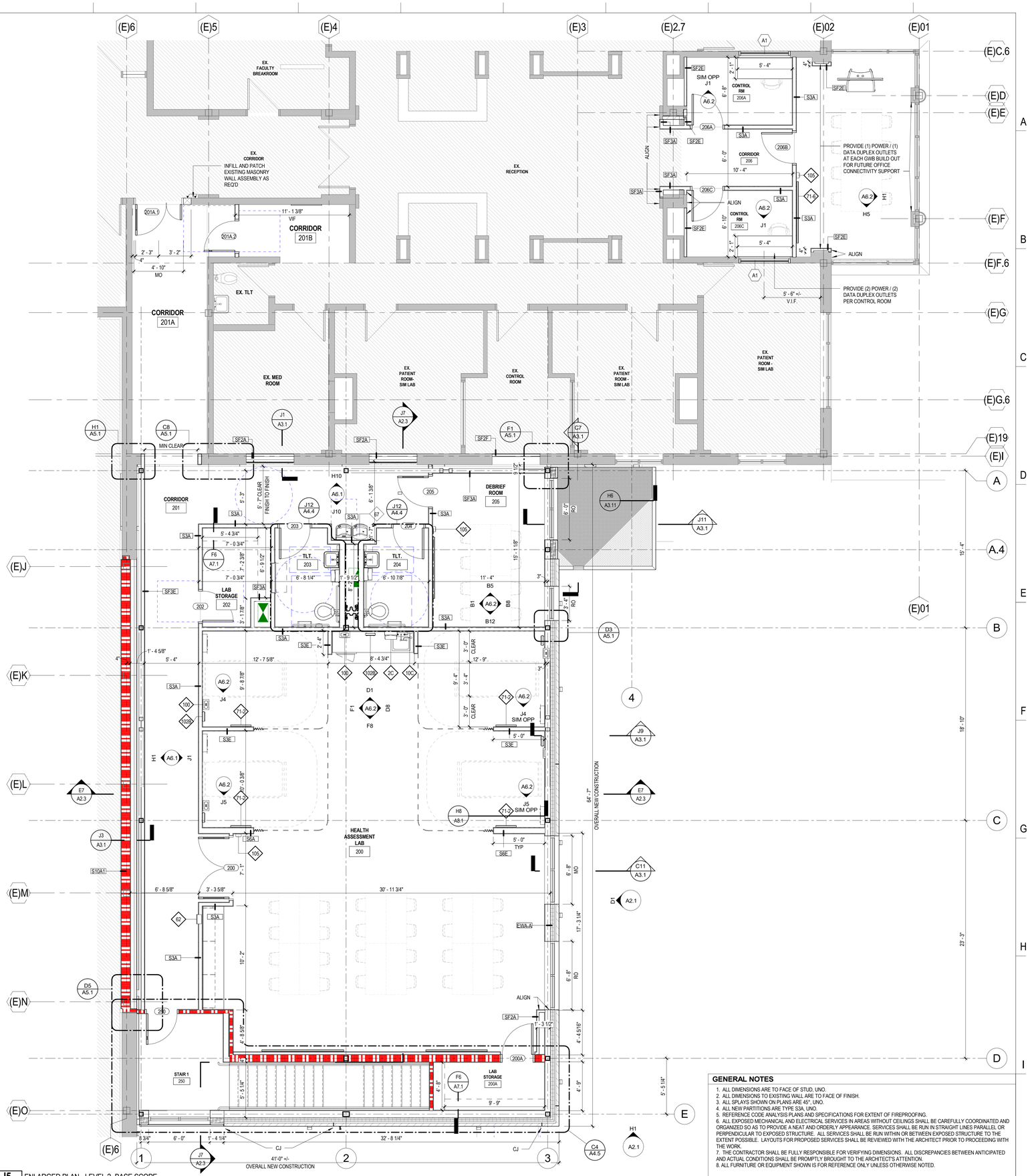

J5 A4.2 ENLARGED PLAN - LEVEL 2- BASE SCOPE
1/4" = 1'-0"

GENERAL NOTES

1. ALL DIMENSIONS ARE TO FACE OF STUD, UNO.
2. ALL DIMENSIONS TO EXISTING WALL ARE TO FACE OF FINISH.
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NO.	DESCRIPTION	DATE

CONTENT: ENLARGED PLAN - LEVEL 2

DRAWN BY:	LBA
PROJECT NO:	25-061-00
DATE:	04/24/26
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A4.2

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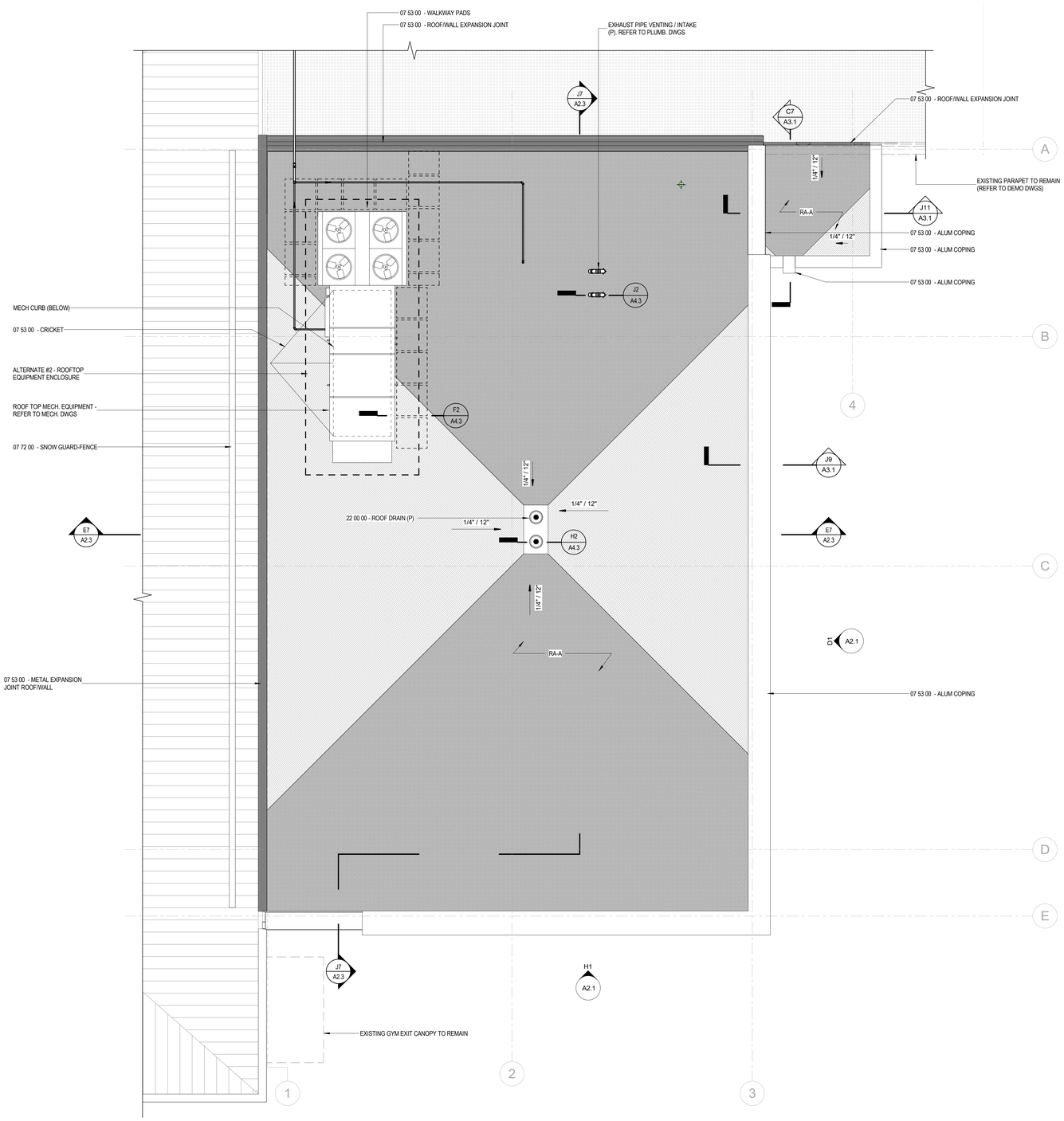
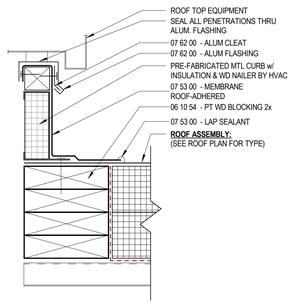
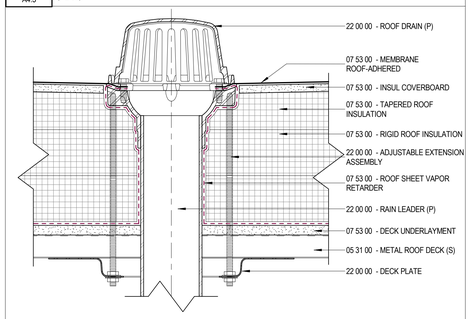


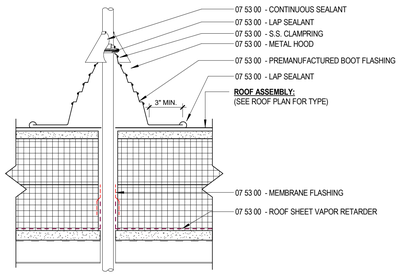
J5 A4.3 ENLARGED PLAN - ROOF
1/4" = 1'-0"



F2 A4.3 ROOF DETAIL @ NEW ROOF CURB
3" = 1'-0"



H2 A4.3 TYPICAL ROOF DRAIN DETAIL
3" = 1'-0"



J2 A4.3 ROOF DETAIL @ MECHANICAL PIPE & CONDUIT PENETRATION
3" = 1'-0"

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NO.	DESCRIPTION	DATE

CONTENT:
ENLARGED PLAN - ROOF

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DATE:	04/24/26
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A4.3

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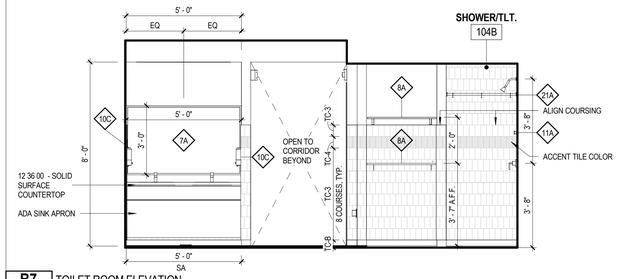
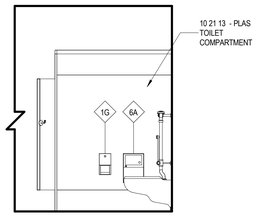
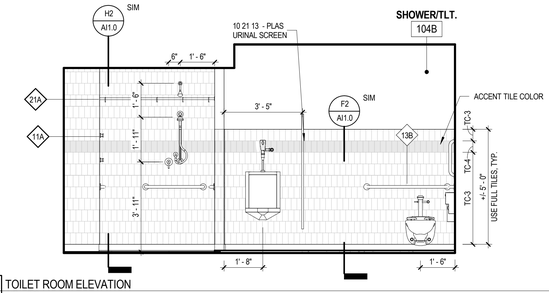


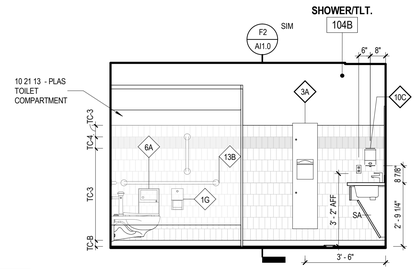
B7 A4.4 TOILET ROOM ELEVATION
3/8" = 1'-0"



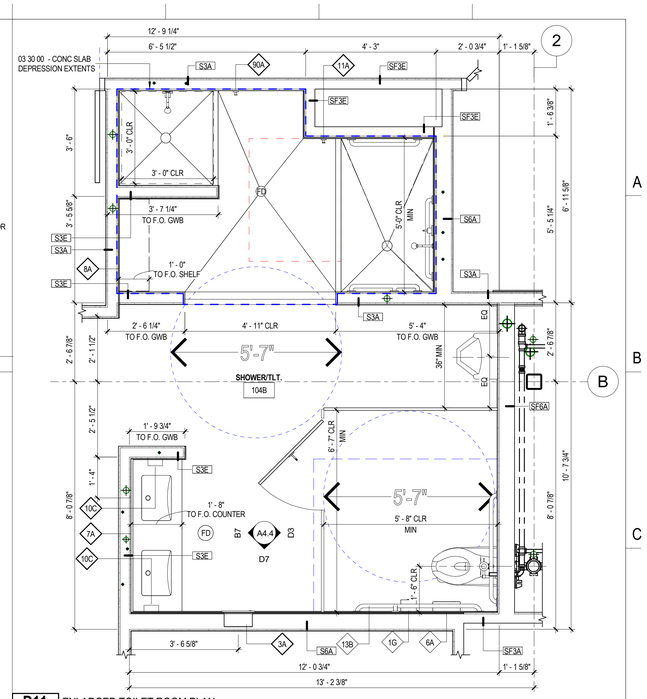
D1 A4.4 TOILET ROOM ELEVATION
3/8" = 1'-0"



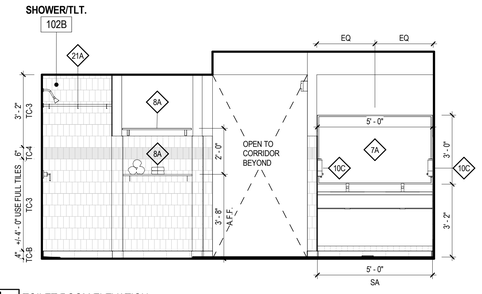
D3 A4.4 TOILET ROOM ELEVATION
3/8" = 1'-0"



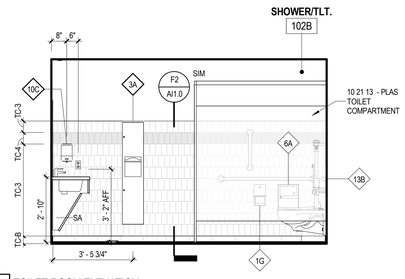
D7 A4.4 TOILET ROOM ELEVATION
3/8" = 1'-0"



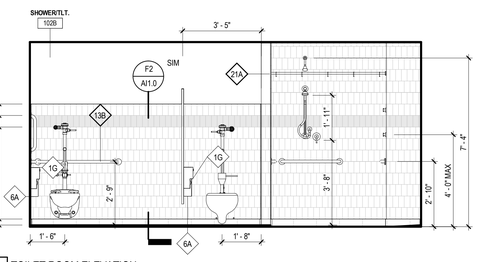
D11 A4.4 ENLARGED TOILET ROOM PLAN
1/2" = 1'-0"



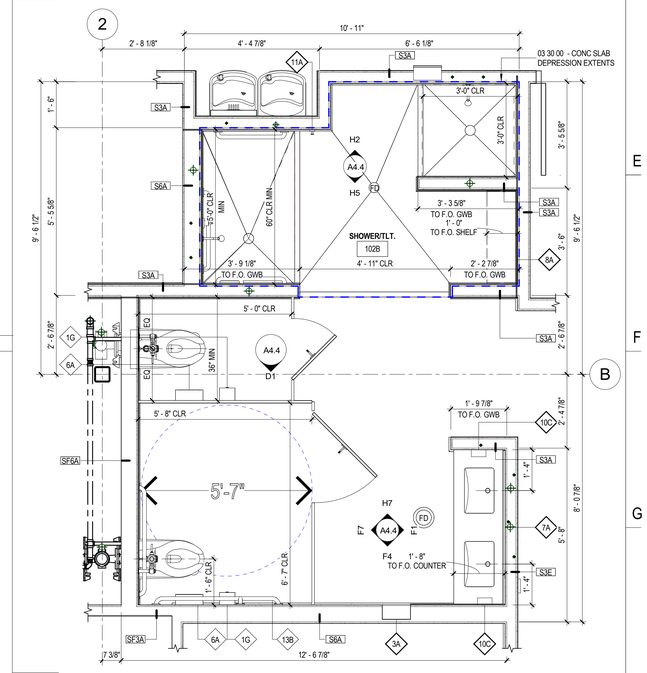
F1 A4.4 TOILET ROOM ELEVATION
3/8" = 1'-0"



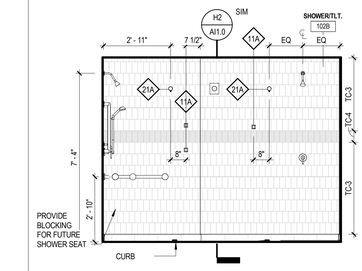
F4 A4.4 TOILET ROOM ELEVATION
3/8" = 1'-0"



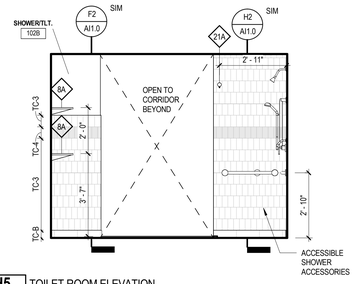
F7 A4.4 TOILET ROOM ELEVATION
3/8" = 1'-0"



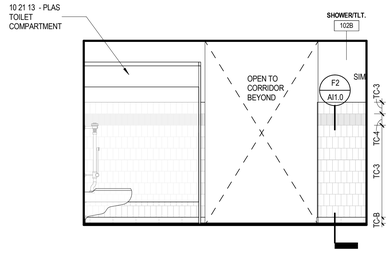
H11 A4.4 ENLARGED TOILET ROOM PLAN
1/2" = 1'-0"



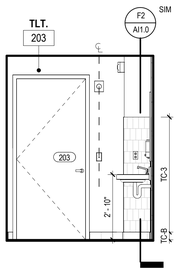
H2 A4.4 TOILET ROOM ELEVATION
3/8" = 1'-0"



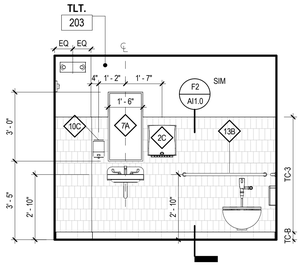
H5 A4.4 TOILET ROOM ELEVATION
3/8" = 1'-0"



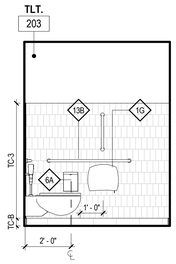
H7 A4.4 TOILET ROOM ELEVATION
3/8" = 1'-0"



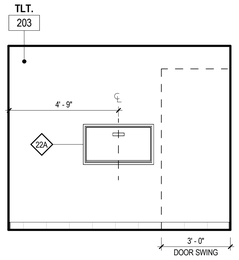
J2 A4.4 TOILET ROOM ELEVATION
3/8" = 1'-0"



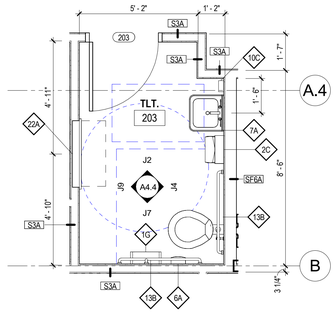
J4 A4.4 TOILET ROOM ELEVATION
3/8" = 1'-0"



J7 A4.4 TOILET ROOM ELEVATION
3/8" = 1'-0"



J9 A4.4 TOILET ROOM ELEVATION
3/8" = 1'-0"



J12 A4.4 ENLARGED TOILET ROOM PLAN
3/8" = 1'-0"

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CMCC HEALTHCARE TRAINING EXPANSION

BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL

CONTENT:
TOILET PLANS, ELEVATIONS AND ACCESSORIES

DRAWN BY:	LBA
PROJECT NO:	25-061-00
DATE:	04/24/26
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SCALE:	As indicated

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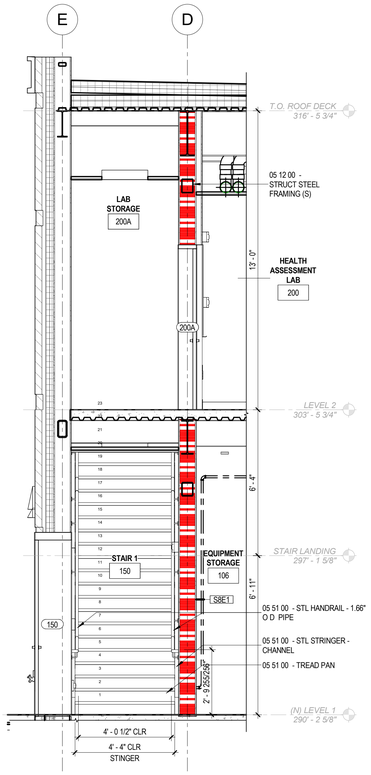
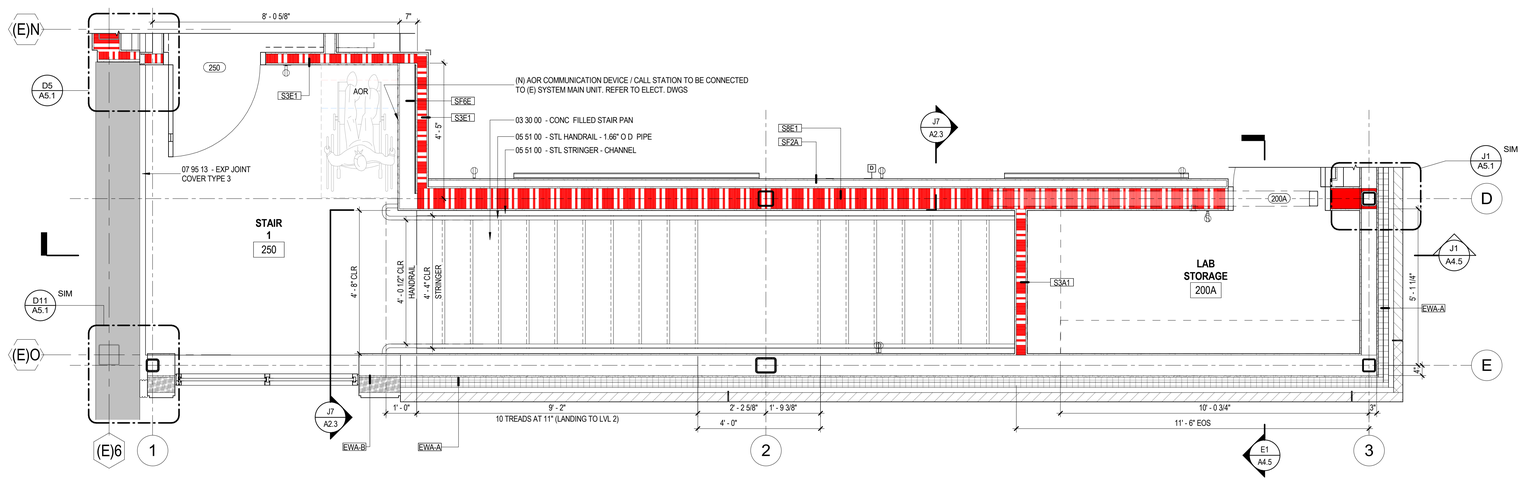
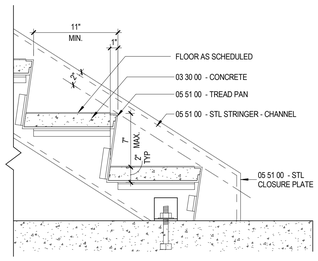


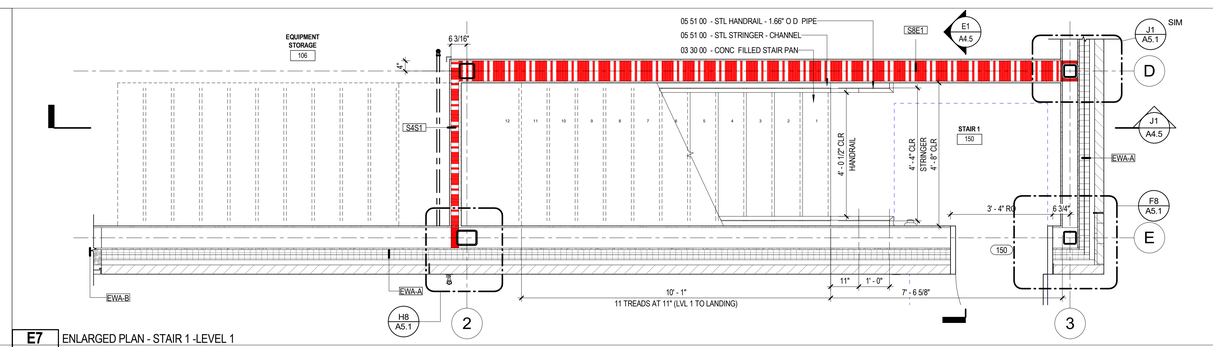
E1 A4.5 SECTION - STAIR 1- NORTH/ SOUTH
3/8" = 1'-0"



C4 A4.5 ENLARGED STAIR PLAN -LEVEL 2
1/2" = 1'-0"



E4 A4.5 STAIR SECTION DETAIL at BOTTOM of STAIR
1 1/2" = 1'-0"



E7 A4.5 ENLARGED PLAN - STAIR 1 -LEVEL 1
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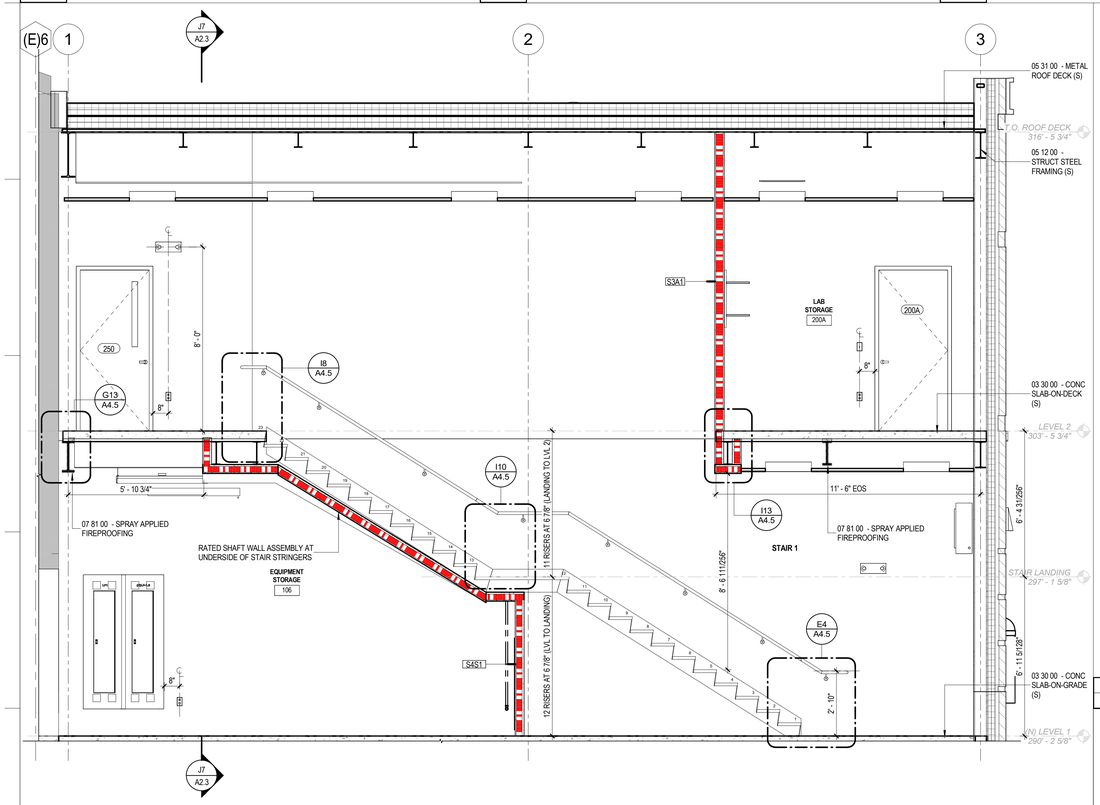
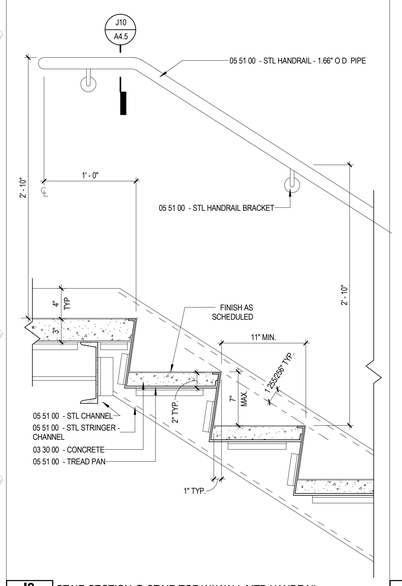
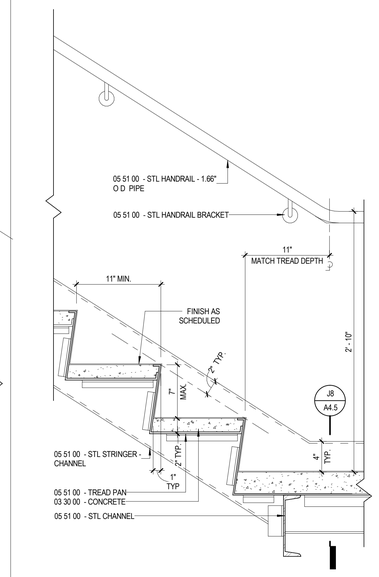


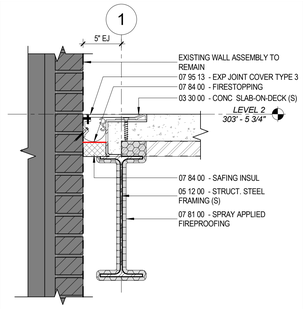
J1 A4.5 SECTION -STAIR 1 - EAST/ WEST
3/8" = 1'-0"



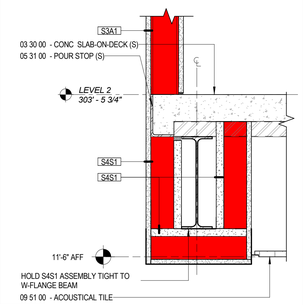
I8 A4.5 STAIR SECTION @ STAIR TOP W/ WALL MTD HANDRAIL
1 1/2" = 1'-0"



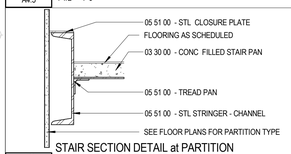
I10 A4.5 STAIR SECTION @ STAIR BOTTOM W/ WALL MTD HANDRAIL
1 1/2" = 1'-0"



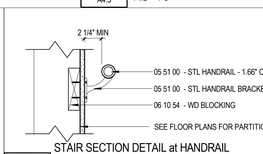
G13 A4.5 DETAIL - SECTION
1 1/2" = 1'-0"



I13 A4.5 DETAIL SECTION
1 1/2" = 1'-0"



J8 A4.5 STAIR SECTION DETAIL at PARTITION ALONG STRINGER
1 1/2" = 1'-0"



J10 A4.5 STAIR SECTION DETAIL at HANDRAIL METAL (GWB MOUNTED)
1 1/2" = 1'-0"

GENERAL NOTES

1. ALL DIMENSIONS ARE TO FACE OF STUD, UNO.
2. ALL DIMENSIONS TO EXISTING WALL ARE TO FACE OF FINISH.
3. ALL SPLAYS SHOWN ON PLANS ARE 45°, UNO.
4. ALL NEW PARTITIONS ARE TYPE S3A, UNO.
5. REFERENCE CODE ANALYSIS PLANS AND SPECIFICATIONS FOR EXTENT OF FIREPROOFING.
6. ALL EXPOSED MECHANICAL AND ELECTRICAL SERVICES IN AREAS WITHOUT CEILINGS SHALL BE CAREFULLY COORDINATED AND ORGANIZED SO AS TO PROVIDE A NEAT AND ORDERLY APPEARANCE. SERVICES SHALL BE RUN IN STRAIGHT LINES PARALLEL OR PERPENDICULAR TO EXPOSED STRUCTURE. ALL SERVICES SHALL BE RUN WITHIN OR BETWEEN EXPOSED STRUCTURE TO THE EXTENT POSSIBLE. LAYOUTS FOR PROPOSED SERVICES SHALL BE REVIEWED WITH THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
7. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR VERIFYING DIMENSIONS. ALL DISCREPANCIES BETWEEN ANTICIPATED AND ACTUAL CONDITIONS SHALL BE PROMPTLY BROUGHT TO THE ARCHITECT'S ATTENTION.
8. ALL FURNITURE OR EQUIPMENT SHOWN IS FOR REFERENCE ONLY UNLESS OTHERWISE NOTED.

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LICENSED ARCHITECT RICHARD R. RIZZI No. 3807 STATE OF MAINE

CENTRAL MAINE COMMUNITY COLLEGE

CMCC HEALTHCARE TRAINING EXPANSION

BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

CONTENT:
STAIR PLANS SECTIONS & DETAILS

DRAWN BY:	MOL
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	As indicated

A4.5

Project Phase
CONSTRUCTION DOCUMENTS

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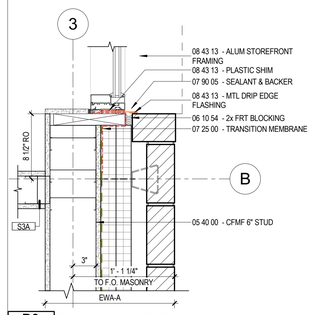

D3 A5.1 DETAIL - PLAN SECTION
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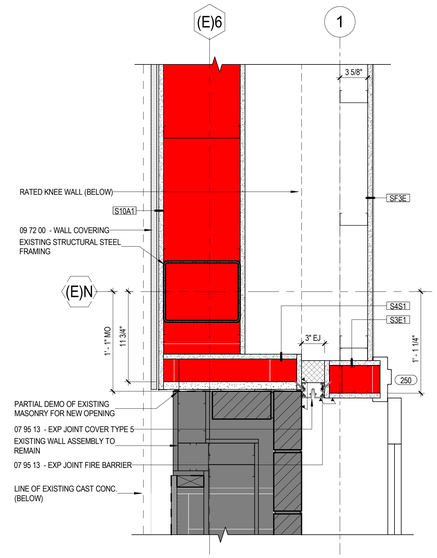

D5 A5.1 DETAIL - PLAN SECTION
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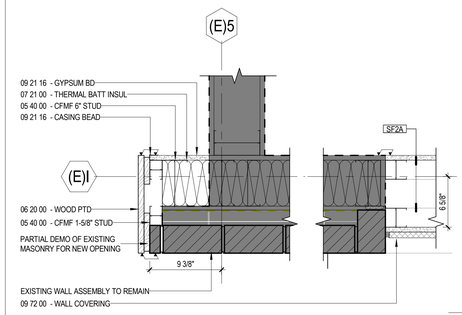

C8 A5.1 DETAIL - PLAN SECTION
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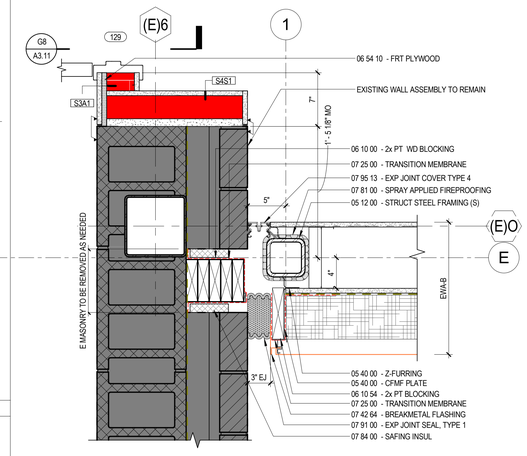

D11 A5.1 DETAIL - PLAN SECTION
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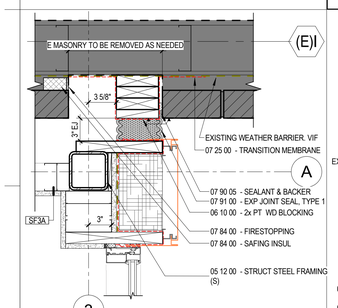

F1 A5.1 DETAIL - PLAN SECTION
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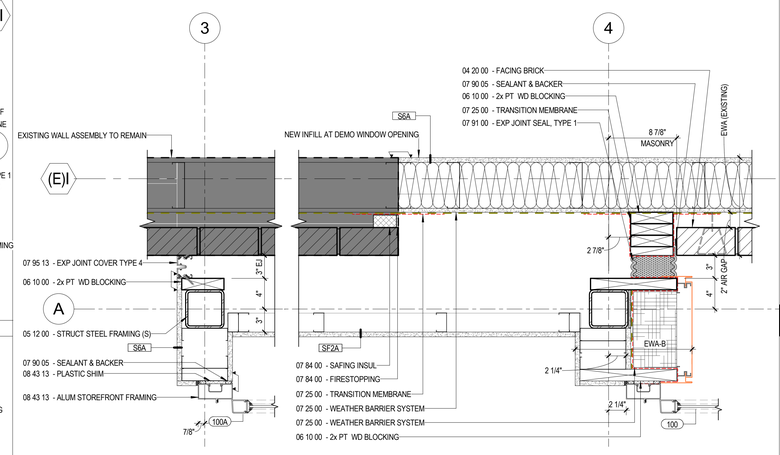

G3 A5.1 DETAIL - PLAN SECTION
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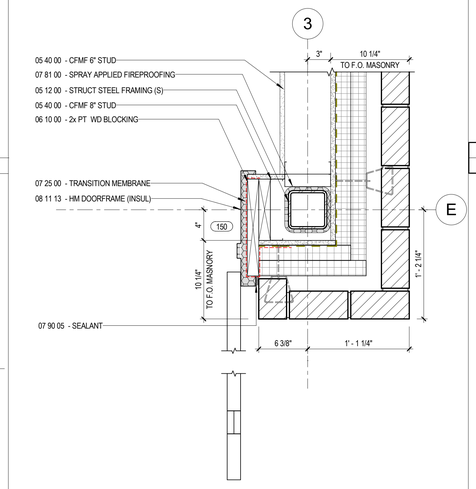

F8 A5.1 DETAIL - PLAN SECTION
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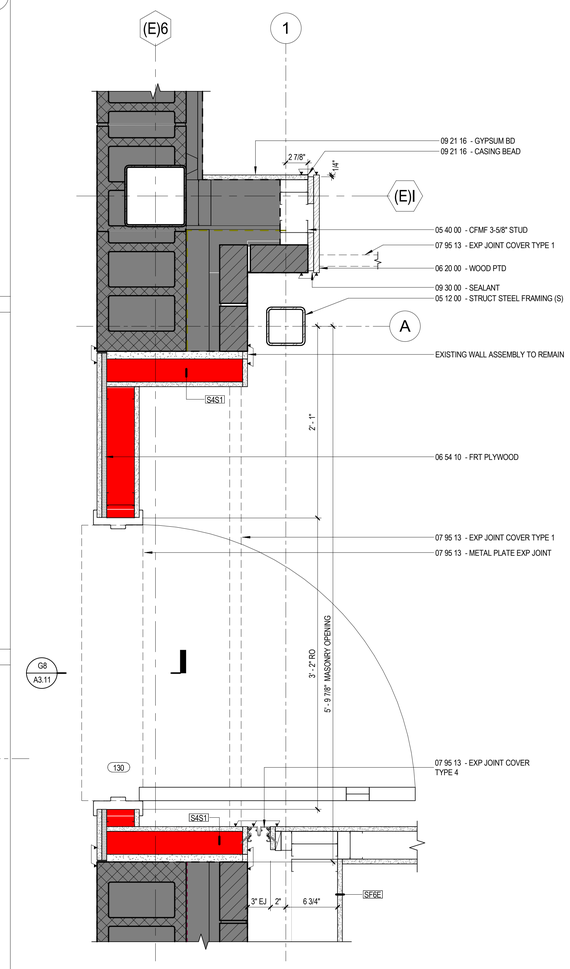

D11 A5.1 DETAIL - PLAN SECTION
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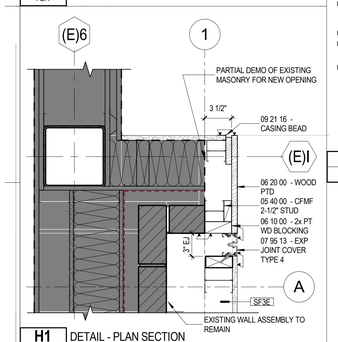

H1 A5.1 DETAIL - PLAN SECTION
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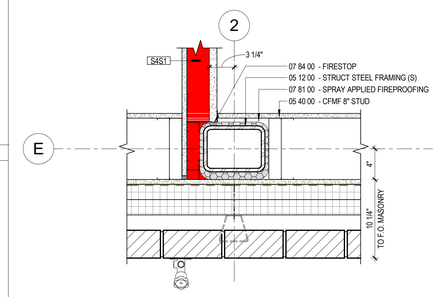

H8 A5.1 DETAIL - PLAN SECTION
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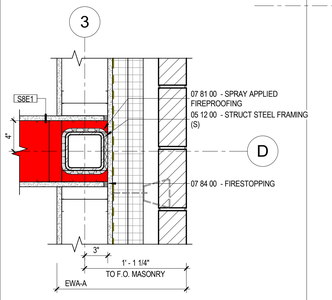

J1 A5.1 DETAIL - PLAN SECTION
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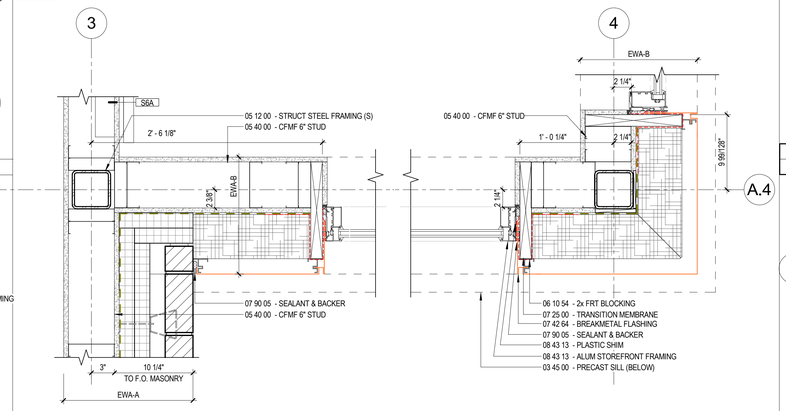

J3 A5.1 DETAIL - PLAN SECTION
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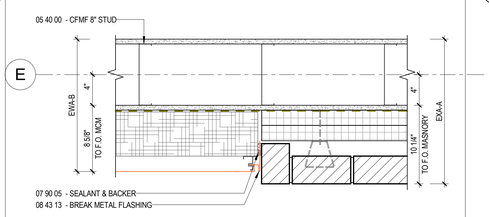

J8 A5.1 DETAIL - PLAN SECTION
1 1/2" = 1'-0"

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LICENSED ARCHITECT RICHARD R. RIZZI No. 3807 STATE OF MAINE

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CMCC HEALTHCARE TRAINING EXPANSION

BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

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CONTENT: PLAN DETAILS

DRAWN BY:	Author
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	1 1/2" = 1'-0"

A5.1

Project Phase: CONSTRUCTION DOCUMENTS

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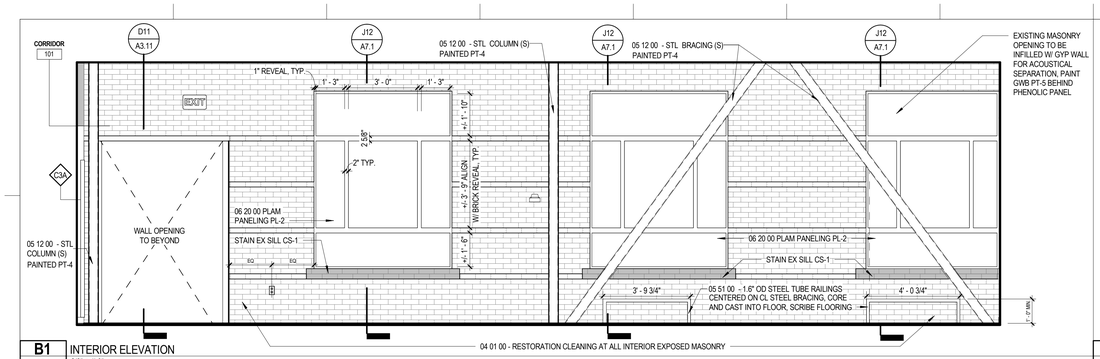
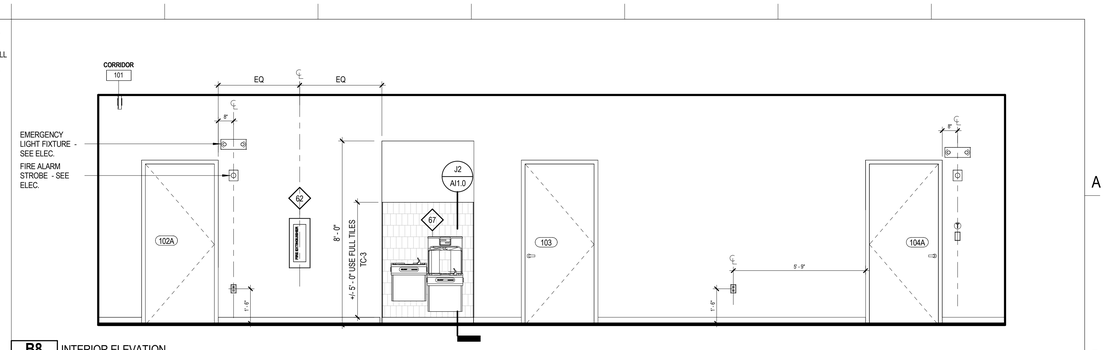
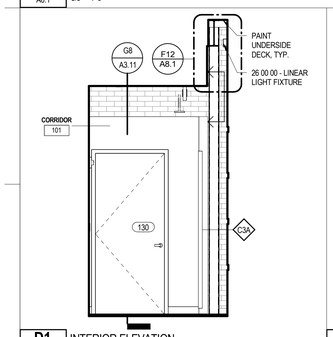


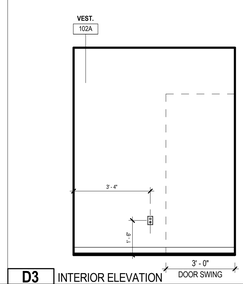
B1 INTERIOR ELEVATION
A6.1 3/8" = 1'-0"



B8 INTERIOR ELEVATION
A6.1 3/8" = 1'-0"



D1 INTERIOR ELEVATION
A6.1 3/8" = 1'-0"



D3 INTERIOR ELEVATION
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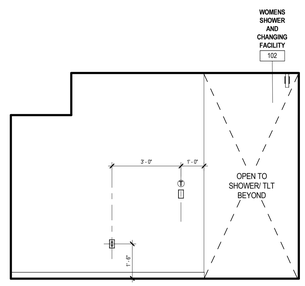

D5 INTERIOR ELEVATION
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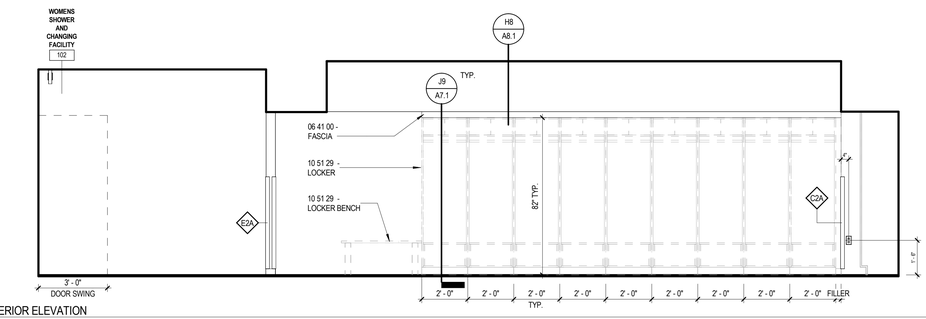

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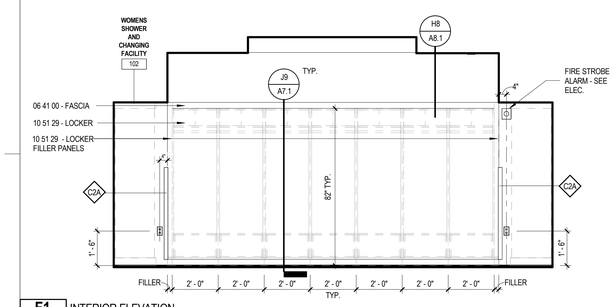

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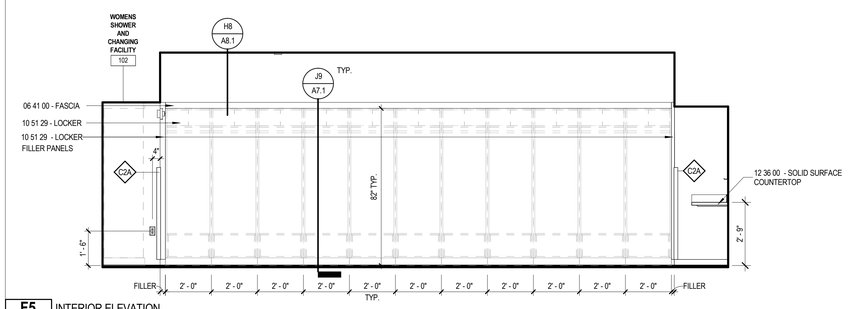

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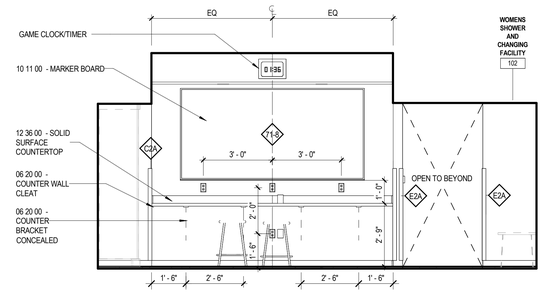

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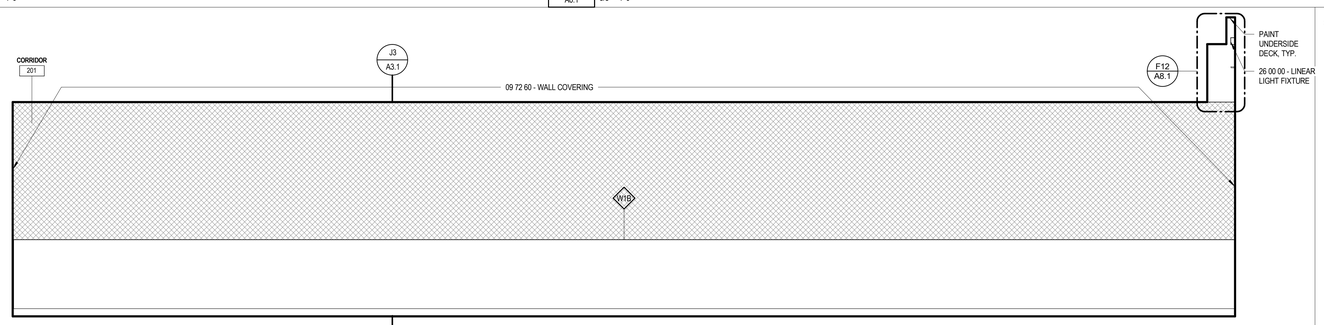
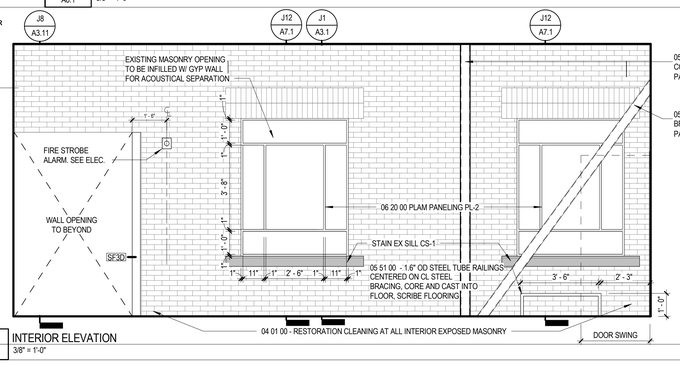
A6.1 3/8" = 1'-0"



H1 INTERIOR ELEVATION
A6.1 3/8" = 1'-0"



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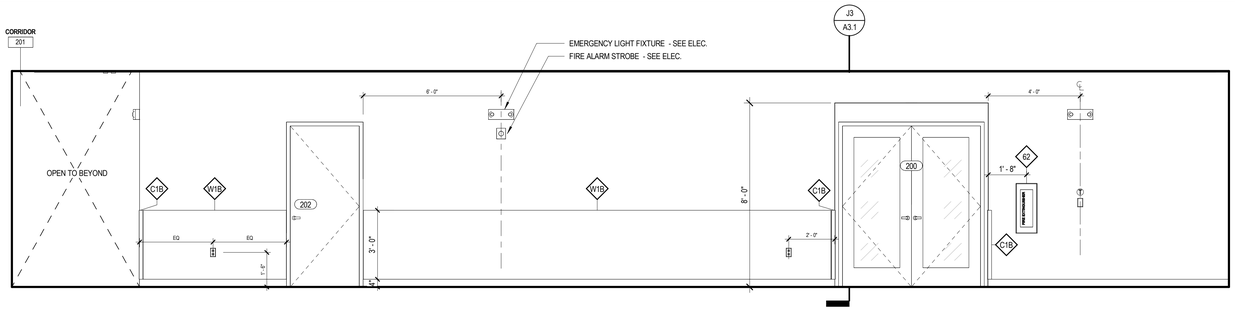

J1 INTERIOR ELEVATION
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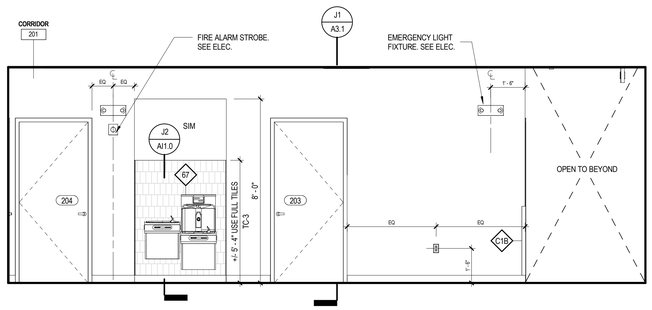

J10 INTERIOR ELEVATION
A6.1 3/8" = 1'-0"

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BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT:
INTERIOR ELEVATIONS

DRAWN BY:	RJB
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	3/8" = 1'-0"

A6.1

Project Phase
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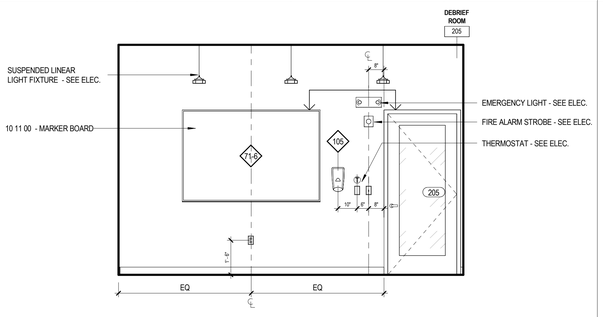

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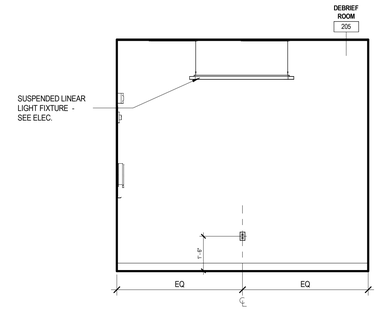

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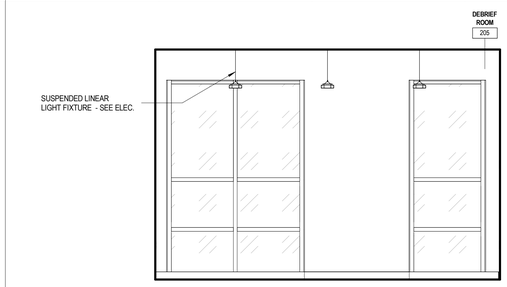
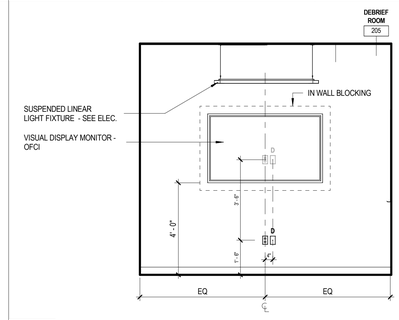
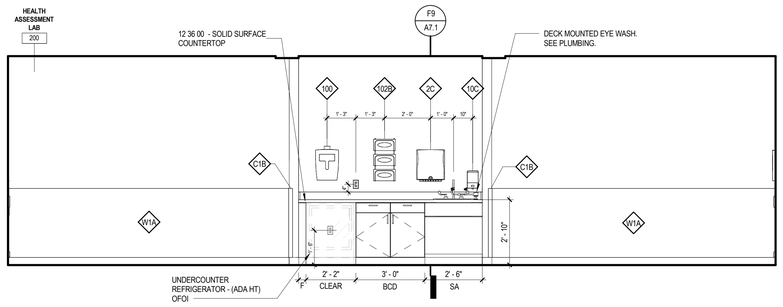


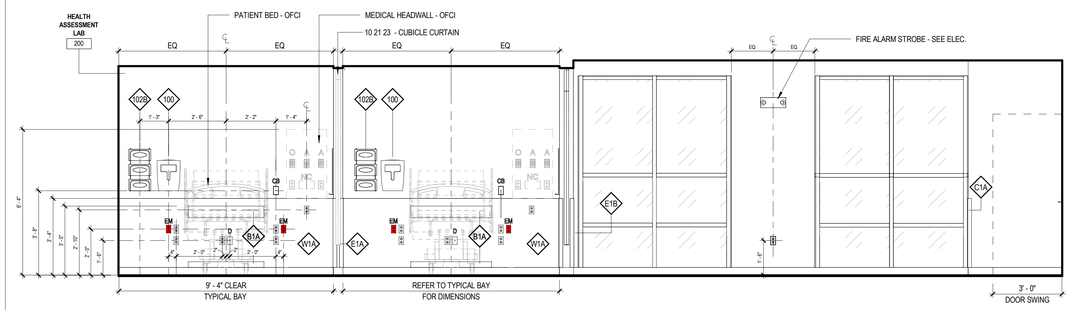
B8 INTERIOR ELEVATION
A6.2 3/8" = 1'-0"



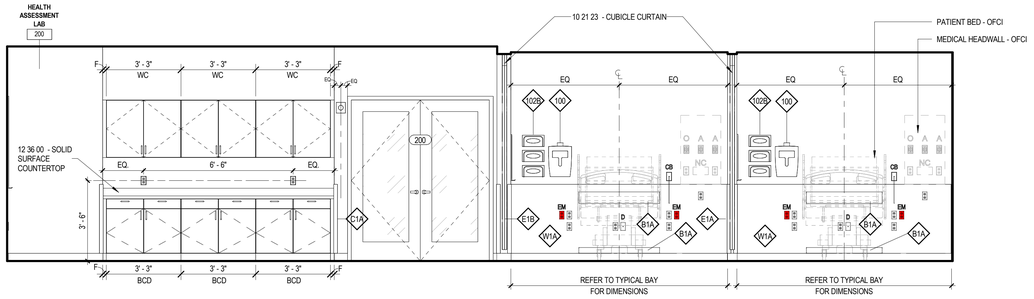
B12 INTERIOR ELEVATION
A6.2 3/8" = 1'-0"



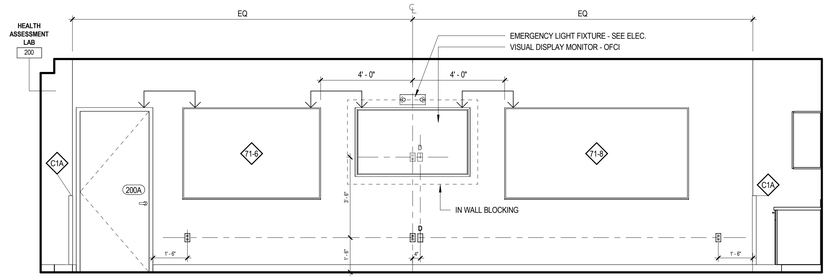
D1 INTERIOR ELEVATION
A6.2 3/8" = 1'-0"



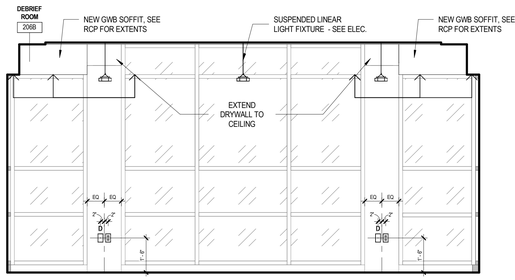
D8 INTERIOR ELEVATION
A6.2 3/8" = 1'-0"



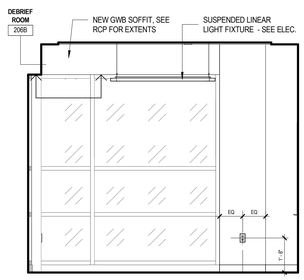
F1 INTERIOR ELEVATION
A6.2 3/8" = 1'-0"



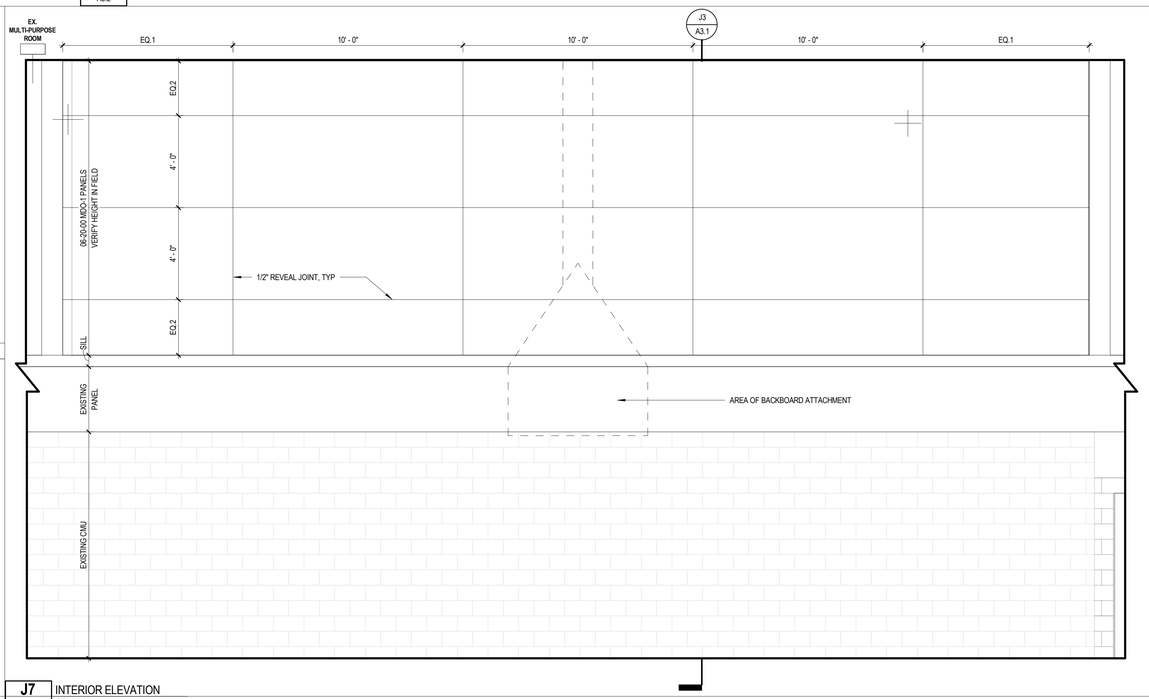
F8 INTERIOR ELEVATION
A6.2 3/8" = 1'-0"



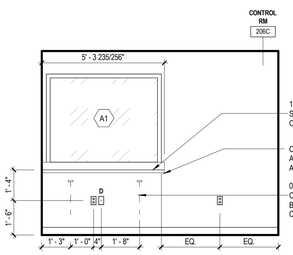
H1 INTERIOR ELEVATION
A6.2 3/8" = 1'-0"



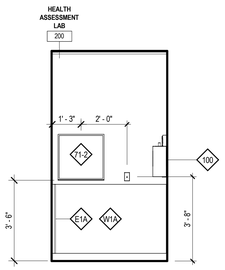
H5 INTERIOR ELEVATION
A6.2 3/8" = 1'-0"



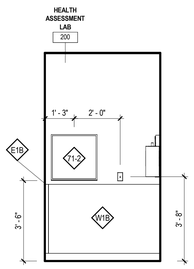
J7 INTERIOR ELEVATION
A6.2 3/8" = 1'-0"



J1 INTERIOR ELEVATION
A6.2 3/8" = 1'-0"



J4 INTERIOR ELEVATION
A6.2 3/8" = 1'-0"



J5 INTERIOR ELEVATION
A6.2 3/8" = 1'-0"

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CMCC HEALTHCARE TRAINING EXPANSION

BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

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CONTENT: INTERIOR ELEVATIONS

DRAWN BY:	RJB
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	3/8" = 1'-0"

A6.2

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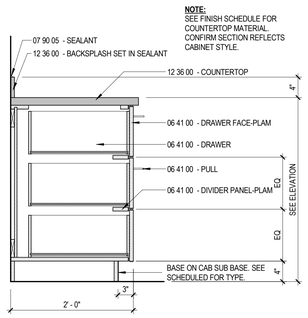
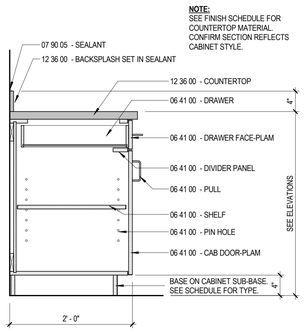
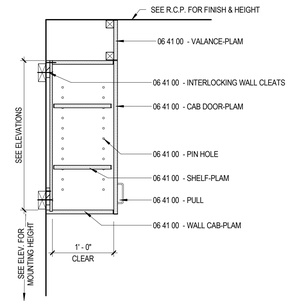


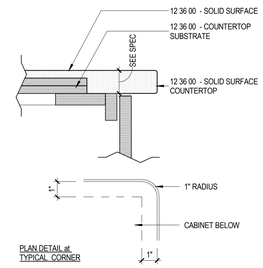
C3 A7.1 BASE CABINET SECTION 3 DRAWER (BCD3)
1" = 1'-0"



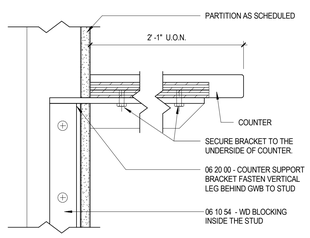
C6 A7.1 BASE CABINET SECTION w DRAWER SECTION (BCD)
1" = 1'-0"



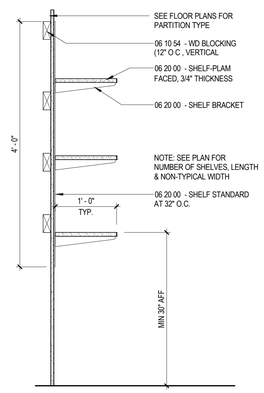
C9 A7.1 WALL CABINET SECTION (WC)
1" = 1'-0"



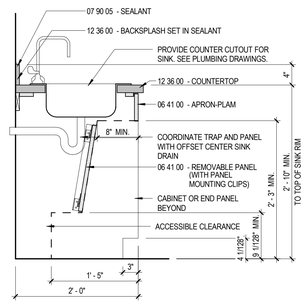
C12 A7.1 COUNTER EDGE DETAIL - SOLID SURFACE EDGE
3" = 1'-0"



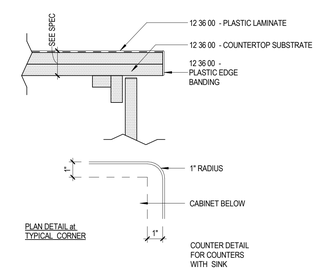
F3 A7.1 COUNTER SUPPORT CONCELAED BRACKET DETAIL
3" = 1'-0"



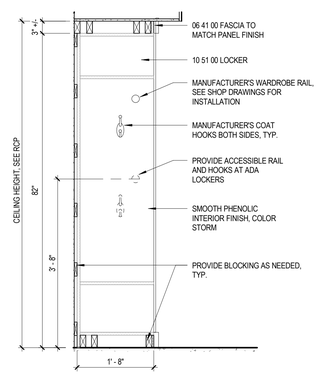
F6 A7.1 ADJUSTABLE SHELVING
1" = 1'-0"



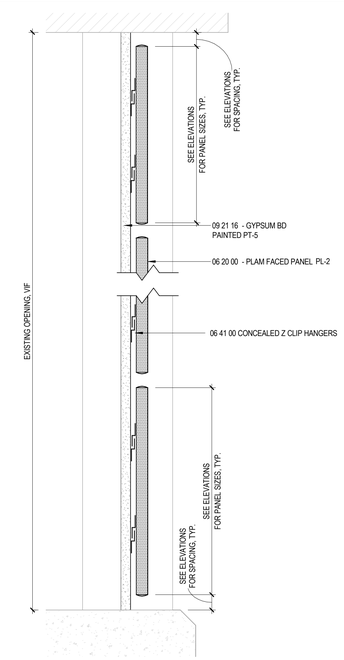
F9 A7.1 COUNTERTOP w SINK (ADA)
1" = 1'-0"



F12 A7.1 COUNTER EDGE DETAIL - PLAM W/ PVC EDGE
3" = 1'-0"



J9 A7.1 TYPICAL LOCKER DETAIL
3/4" = 1'-0"



J12 A7.1 TYPICAL DETAIL AT EXISTING WINDOW INFILL
3" = 1'-0"

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CMCC HEALTHCARE TRAINING EXPANSION

BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

CONTENT:
MILLWORK DETAILS

DRAWN BY:	RJB
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	As indicated

A7.1

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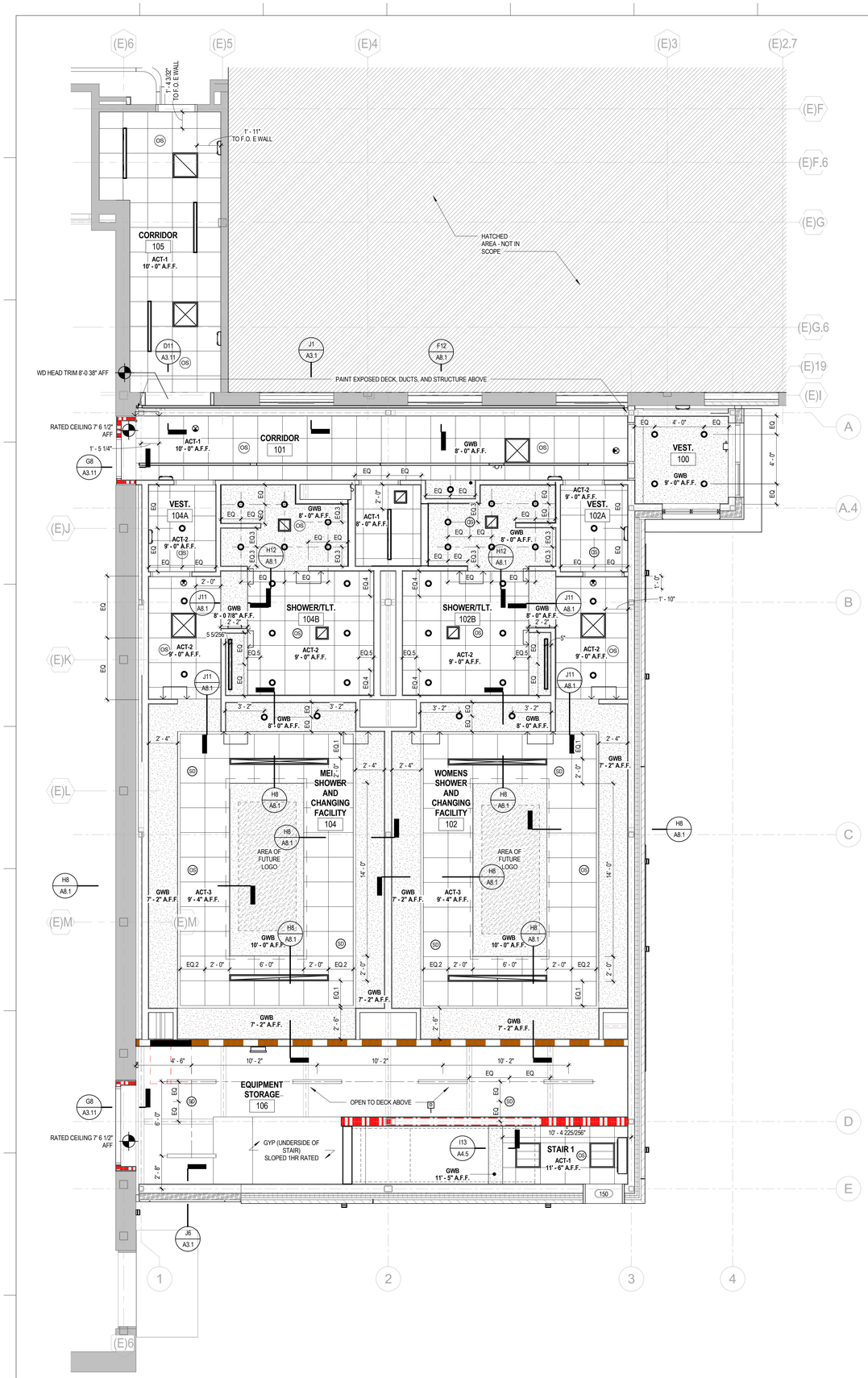


J1 A8.1 LEVEL 1 REFELECTED CEILING PLAN
1/4" = 1'-0"

CEILING LEGEND

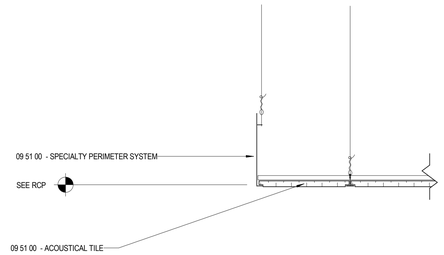
09 50 00	ACOUSTICAL CEILING TILE	
ACT-1	TYPE: MANUF: SERIES: WIDTH/SIZE: COLOR:	ACOUSTICAL CEILING TILE ARMSTRONG ULTIMA 1910 2' x 2' WHITE, GRID TO MATCH
ACT-2	TYPE: MANUF: SERIES: WIDTH/SIZE: COLOR:	ACOUSTICAL CEILING TILE, MOISTURE RESISTANT ARMSTRONG CERAMAGUARD, UNPERFORATED 2' x 2' WHITE, GRID TO MATCH
ACT-3	TYPE: MANUF: SERIES: WIDTH/SIZE: COLOR:	ACOUSTICAL CEILING TILE, MOISTURE RESISTANT ARMSTRONG CERAMAGUARD, UNPERFORATED 2' x 2' BLACK, GRID TO MATCH

CEILING DEVICE LEGEND

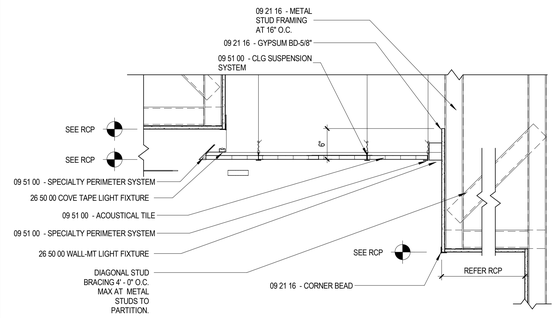
- 2X2 RECESSED LIGHT FIXTURE
- 2X4 RECESSED LIGHT FIXTURE
- LINEAR PENDANT LIGHT
- RECESSED DOWNLIGHT LIGHT FIXTURE
- EXIT SIGN
- CUBICLE CURTAIN TRACK
- FA — FIRE ALARM DEVICE
- SD — SMOKE DETECTOR
- OS — OCCUPANCY SENSOR
- WA — WIRELESS ACCESS POINT
- SPRINKLER HEAD
- HVAC SUPPLY DIFFUSER
- HVAC RETURN GRILLE
- HVAC EXHAUST GRILLE
- 1' x 1' HVAC RETURN GRILLE

NOTE: SEE RATING PLANS FOR LOCATIONS OF RATED CEILING.
NOTE: SEE MECHANICAL, ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

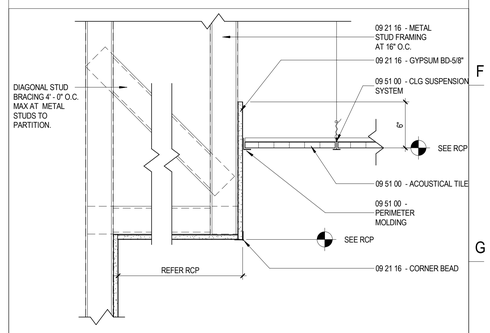
CEILING PAINT NOTE:
- ALL GWB CEILINGS AND SOFFITS SHALL BE PAINTED PT-0 UNLESS NOTED OTHERWISE ON THE REFLECTED CEILING PLAN.
- EXPOSED STEEL DECK AND PAINTED MEP COMPONENTS TO BE PT-5



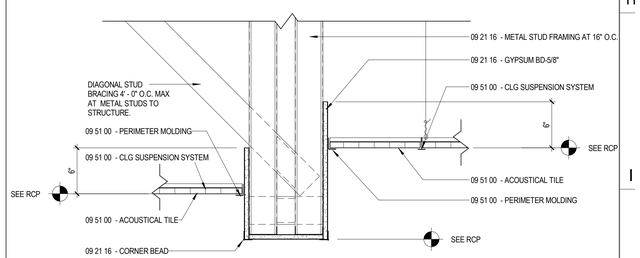
F12 A8.1 RCP ACT to OPEN with AXIOM TRIM
1 1/2" = 1'-0"



H8 A8.1 RCP ACT/GWB SOFFITS/COVE LIGHT
1" = 1'-0"



H12 A8.1 RCP ACT/ GWB SOFFIT at WALL with L MOLDING
1 1/2" = 1'-0"



J11 A8.1 RCP ACT/ GWB SOFFIT with L MOLDING
1 1/2" = 1'-0"

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CMCC HEALTHCARE TRAINING EXPANSION

BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

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FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL

CONTENT: FIRST FLOOR REFLECTED CEILING PLAN

DRAWN BY:	NMS
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	As indicated

A8.1

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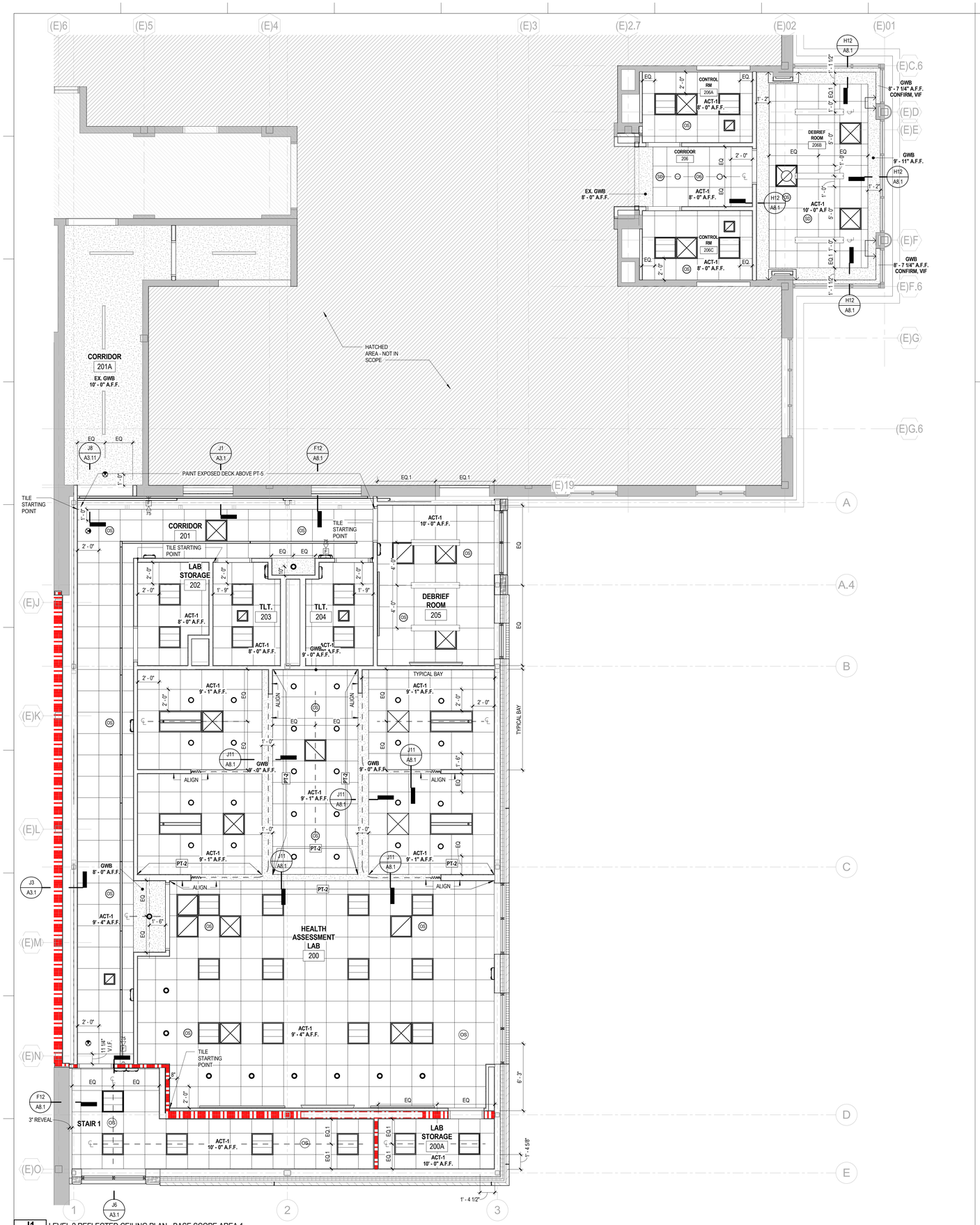

J1 A8.2 LEVEL 2 REFLECTED CEILING PLAN - BASE SCOPE AREA 1

1/4" = 1'-0"

CEILING LEGEND

09 50 00 ACOUSTICAL CEILING TILE		
ACT-1	TYPE:	ACOUSTICAL CEILING TILE
	MANUF:	ARMSTRONG
	SERIES:	ULTIMA 1910
	WIDTH/SIZE:	2' x 2'
	COLOR:	WHITE, GRID TO MATCH
ACT-2	TYPE:	ACOUSTICAL CEILING TILE, MOISTURE RESISTANT
	MANUF:	ARMSTRONG
	SERIES:	CERAMAGUARD, UNPERFORATED
	WIDTH/SIZE:	2' x 2'
	COLOR:	WHITE, GRID TO MATCH
ACT-3	TYPE:	ACOUSTICAL CEILING TILE, MOISTURE RESISTANT
	MANUF:	ARMSTRONG
	SERIES:	CERAMAGUARD, UNPERFORATED
	WIDTH/SIZE:	2' x 2'
	COLOR:	BLACK, GRID TO MATCH

CEILING DEVICE LEGEND

- 2X2 RECESSED LIGHT FIXTURE
- 2X4 RECESSED LIGHT FIXTURE
- LINEAR PENDANT LIGHT
- RECESSED DOWNLIGHT LIGHT FIXTURE
- EXIT SIGN
- CUBICLE CURTAIN TRACK
- FA — FIRE ALARM DEVICE
- SD — SMOKE DETECTOR
- OS — OCCUPANCY SENSOR
- WA — WIRELESS ACCESS POINT
- SPRINKLER HEAD
- HVAC SUPPLY DIFFUSER
- HVAC RETURN GRILLE
- HVAC EXHAUST GRILLE
- 1' x 1' HVAC RETURN GRILLE

NOTE: SEE RATING PLANS FOR LOCATIONS OF RATED CEILING.
NOTE: SEE MECHANICAL, ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

CEILING PAINT NOTE:
- ALL GWB CEILINGS AND SOFFITS SHALL BE PAINTED PT-0 UNLESS NOTED OTHERWISE ON THE REFLECTED CEILING PLAN.
- EXPOSED STEEL DECK AND PAINTED MEP COMPONENTS TO BE PT-5

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NO.	DESCRIPTION	DATE

CONTENT: SECOND FLOOR REFLECTED CEILING PLAN

DRAWN BY:	NMS
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	As indicated

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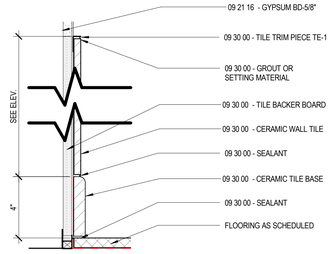
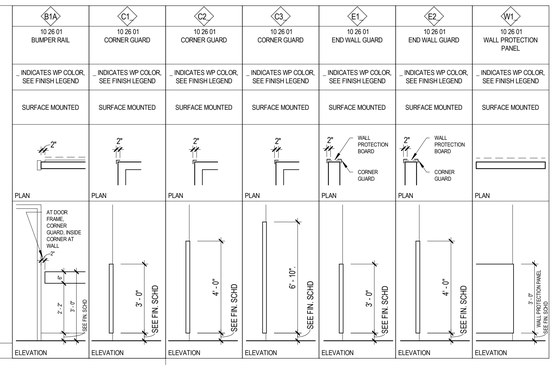
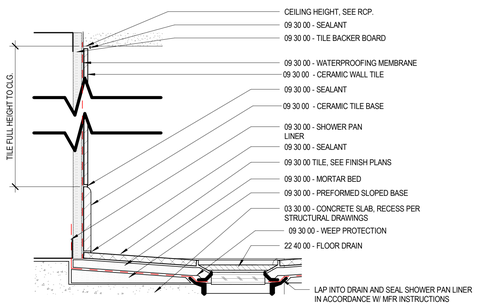
FINISH SCHEDULE

ROOM #	ROOM NAME	FLOORING	WALL BASE	WALLS	WALL PROTECTION	COUNTERTOPS	CASEWORK / MILLWORK	COMMENTS
(E) LEVEL 1								
100	VEST.	FC-1	RB-1	PT-1	-	-	-	
101	CORRIDOR	FC-1	RB-1	PT-1, TC-3/EXISTING BRICK TO REMAIN	-		PL-2	DO NOT PAINT EXISTING BRICK, TYP.
102	WOMENS SHOWER AND CHANGING FACILITY	FC-1, FC-2	RB-1	PT-1, PT-ACCENT	-	SS-1	-	
102A	VEST.	FC-1	RB-1	PT-1, PT-ACCENT	-	-	-	
102B	SHOWER/TLT.	TC-1, TC-2	TB-1	PT-1, TC-3, TC-4	-	SS-1	PL-1	TILE FULL HT SHOWERS, 5'-4" AT OTHER WALLS
103	WATER HEATER CLOSET	SC	RB-1	PT-1	-			
104	MENS SHOWER AND CHANGING FACILITY	FC-1, FC-2	RB-1	PT-1, PT-ACCENT	-	SS-1	-	
104A	VEST.	FC-1	RB-1	PT-1, PT-ACCENT	-	-	-	
104B	SHOWER/TLT.	TC-1, TC-2	TB-1	PT-1, TC-3, TC-4	-	SS-1	PL-1	TILE FULL HT SHOWERS, 5'-4" AT OTHER WALLS
105	CORRIDOR	FC-1	RB-1	PT-1, PT-ACCENT	-	-	-	
106	EQUIPMENT STORAGE	SC	RB-1	PT-1	-	-	-	
150	STAIR 1	RF-3, RF-4, SC	RB-1	PT-1	-	-	-	RF-4 AT LANDING, SC AT FLOOR LEVEL
LEVEL 2								
200	HEALTH ASSESSMENT LAB	RF-1, RF-2	RB-1	PT-1, PT-ACCENT	W1A, W1B	SS-1	PL-1	WT-1 AT WINDOWS
200A	LAB STORAGE	RF-2	RB-1	PT-1	-	-	PL-1	
201	CORRIDOR	RF-1	RB-1	PT-1, PT-ACCENT, TC-3, WC-1/EXISTING BRICK TO REMAIN	W1B	-	PL-2	DO NOT PAINT EXISTING BRICK, TYP.
201A	CORRIDOR	RF-1, FC-3	RB-1	PT-1	W1A	-	-	
201B	CORRIDOR	FC-3	RB-1	PT-1	-	-	-	
202	LAB STORAGE	RF-1	RB-1	PT-1	-	-	PL-1	
203	TLT.	TC-1	TB-1	TC-3, PT-1	-	-	-	TILE TO 5'-4" AT WET WALLS, SEE ELEVATIONS
204	TLT.	TC-1	TB-1	TC-3, PT-1	-	-	-	TILE TO 5'-4" AT WET WALLS, SEE ELEVATIONS
205	DEBRIEF ROOM	FC-3	RB-1	PT-1, PT-ACCENT	-	-	-	WT-1 AT WINDOWS
206	CORRIDOR	FC-3	RB-1	PT-1	-	-	-	ALTERNATE SCOPE
206A	CONTROL RM	FC-3	RB-1	PT-1	-	PL-1	-	ALTERNATE SCOPE
206B	DEBRIEF ROOM	FC-3	RB-1	PT-1	-	-	-	ALTERNATE SCOPE, WT-1 AT WINDOWS
206C	CONTROL RM	FC-3	RB-1	PT-1		PL-1	-	ALTERNATE SCOPE
250	STAIR 1	RF-3, RF-4	RB-1	PT-1	-	-	-	RF-4 AT LANDING

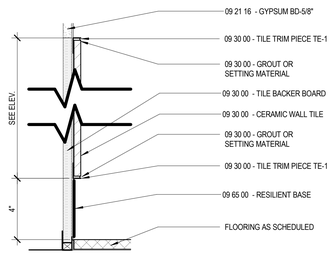


F2 CERAMIC WALL TILE AT TOILET ROOM
A1.0 3" = 1'-0"





H2 CERAMIC WALL TILE AT SHOWER
A1.0 3" = 1'-0"



J2 CERAMIC WALL TILE AT DRINKING FOUNTAIN
A1.0 3" = 1'-0"

FINISH LEGEND

09 65 00 RESILIENT FLOORING

RESILIENT FLOORING GENERAL NOTES:

1. HATCH PATTERNS ARE ONLY SHOWN ON **FLOOR FINISH PLANS** WHEN MULTIPLE FLOORING TYPES ARE USED, ALL OTHER FLOORING INFORMATION WILL BE NOTED ON FINISH SCHEDULE. REFER TO FLOOR FINISH PLANS FOR FLOOR PATTERNS.

2. REFERENCE 09 65 00 RESILIENT FLOORING TRANSITIONS / STAIR NOSINGS AS NEEDED.

3. ALL FINISHED FLOORING SHALL EXTEND BENEATH CASEWORK, MILLWORK, AND PLUMBING FIXTURES U.N.O.

4. ALL SHEET FLOORING SEAMS SHALL BE WELDED WITH MATCHING WELD COLORS.

09 65 00 RESILIENT FLOORING

RF-1	TYPE:	SHEET VINYL
	MANUF:	MANNINGTON
	SERIES:	BIOSPEC MD
	WIDTH/SIZE:	6' - 6"
	COLOR:	KOALA
RF-2	TYPE:	SHEET VINYL
	MANUF:	MANNINGTON
	SERIES:	BIOSPEC MD
	WIDTH:	6' - 6"
	COLOR:	BLUE RIDGE
RF-3	TYPE:	STAIR TREAD RISER
	MANUF:	ROPPE
	SERIES:	RUBBER INTEGRAL TREAD/RISER
	COLOR:	BLACK, MARBELIZED
	VIS STRIP:	RUBBER INSERT, COLOR TBD
RF-4	TYPE:	RUBBER TILE
	MANUF:	ROPPE
	SERIES:	MARBELIZED
	COLOR:	BLACK

09 30 00 TILE CERAMIC / PORCELAIN

CERAMIC / PORCELAIN FLOORING GENERAL NOTES:

1. HATCH PATTERNS ARE ONLY SHOWN ON **FLOOR FINISH PLANS** WHEN MULTIPLE FLOORING TYPES ARE USED, ALL OTHER FLOORING INFORMATION WILL BE NOTED ON FINISH SCHEDULE. REFER TO **FLOOR FINISH PLANS** FOR FLOOR PATTERNS.

2. COORDINATE WITH 09 30 00 TILE EDGE/ FLOORING TRANSITION PRODUCTS.

3. STAIRS: CALL OUT MATERIALS FOR TREAD, RISER, RAILING, LANDING, NOSING (IF APPLICABLE)

09 30 00 TILE CERAMIC / PORCELAIN

TC-1	TYPE:	PORCELAIN TILE (FLOOR)
	MANUF:	CROSSVILLE
	SERIES:	PORTLAND CLIFF
	SIZE:	12" X 24"
	COLOR:	CAVERN
	INSTALL:	1/3 STAGGERED
	GROUT:	TBD
TC-2	TYPE:	PORCELAIN TILE - MOSAIC
	MANUF:	CROSSVILLE
	SERIES:	PORTLAND CLIFF
	SIZE:	2" X 4"
	COLOR:	CAVERN
	INSTALL:	MOSAIC SHEETS, MONOLITHIC
	GROUT:	TBD
TC-3	TYPE:	WALL TILE
	MANUF:	DALTILE
	SERIES:	COLOR WHEEL CLASSIC
	SIZE:	3" x 6"
	COLOR:	BISCUIT GLOSS
	INSTALL:	VERTICAL ASHLAR (SEE ELEV)
	GROUT:	TBD
TC-4	TYPE:	WALL TILE
	MANUF:	DALTILE
	SERIES:	COLOR WHEEL CLASSIC
	SIZE:	3" x 6"
	COLOR:	CURRANT GLOSS
	INSTALL:	VERTICAL ASHLAR (SEE ELEV)
	GROUT:	TBD

09 30 00 TILE BASE PORCELAIN

TB-1	TYPE:	PORCELAIN TILE
	MANUF:	CROSSVILLE
	SERIES:	PORTLAND CLIFF
	SIZE:	4" X 24"
	COLOR:	CAVERN
	GROUT:	TBD

09 30 00 TILE EDGE/ TRANSITION

TE-1	TYPE:	TILE EDGE
	MANUF:	SCHLUTER
	PROFILE:	JOLLY
	FINISH:	STAINLESS STEEL
	NOTE:	TO BE USED AT OUTSIDE CORNERS
TE-2	TYPE:	TILE EDGE
	MANUF:	SCHLUTER
	PROFILE:	RENO-U
	FINISH:	STAINLESS STEEL
	NOTE:	TO BE USED AT CHANGE IN FINISH FLOORING THICKNESS WHERE ONE OR MORE MATERIALS ARE TILE
TE-3	TYPE:	TILE THRESHOLD
	MANUF:	GRIFFORM
	PROFILE:	TT2 STANDARD THRESHOLD
	FINISH:	CORIAN CARBON CONCRETE
	NOTE:	TO BE USED WHERE INDICATED ON FINISH PLAN
FT-1	TYPE:	FLOORING TRANSITION
	MANUF:	ROPPE
	PROFILE:	ROLLING TRAFFIC TRANSITION
	FINISH:	BLACK
	NOTE:	TO BE USED AT CHANGE IN FINISH FLOORING THICKNESS WHERE NO MATERIALS ARE TILE

09 68 00 / 09 68 13 FLOOR CARPET (BROADLOOM / TILE)

CARPET FLOORING GENERAL NOTES:

1. HATCH PATTERNS ARE ONLY SHOWN ON AI PLANS WHEN MULTIPLE FLOORING TYPES ARE USED, ALL OTHER FLOORING INFORMATION WILL BE NOTED ON FINISH SCHEDULE. REFER TO AI FLOOR PLAN DRAWINGS FOR FLOOR PATTERNS.

2. REFERENCE 09 65 00 RESILIENT FLOORING TRANSITIONS / STAIR NOSINGS AS NEEDED.

09 68 16 FLOOR CARPET (BROADLOOM)

FC-1	TYPE:	BROADLOOM CARPET
	MANUF:	TARKETT
	SERIES:	ABRASIVE ACTION II
	COLOR:	WINTER GRAY
	NOTES:	POWERBOND BACK W/ WELDED SEAMS
FC-2	TYPE:	BROADLOOM CARPET
	MANUF:	TARKETT
	SERIES:	ABRASIVE ACTION II
	COLOR:	SOLAR FLARE
	NOTES:	POWERBOND BACK W/ WELDED SEAMS

09 68 13 FLOORING CARPET (TILE)

FC-3	TYPE:	CARPET TILE
	MANUF:	INTERFACE
	SERIES:	OPEN AIR 420
	COLOR:	NATURAL
	INSTALL:	MONOLITHIC

09 90 00 PAINT and COATING

PAINT GENERAL NOTES:

1. SEE FINISH SCHEDULE FOR ALL GENERAL WALL PAINT and COATINGS. REFER TO **WALL FINISH PLANS** FOR ACCENT WALL LOCATIONS.

2. REFER TO SPECIFICATION FOR PAINT/COATING FINISHES U.N.O BELOW.

3. HM DOOR FRAMES AND WINDOW FRAMES ARE TO BE PTD PT-5 U.N.O ON DRAWINGS OR SCHEDULE. TRANSITIONS SHALL OCCUR ON THE INSIDES OF THE DOOR STOP.

4. ALL EXPOSED STEEL COMPONENTS AND HVAC DUCTS ABOVE LEVEL OF CEILING ARE TO BE PAINTED PT-5

5. EXPOSED STRUCTURAL BRACE FRAME MEMBERS TO BE PAINTED PT-4.

5. **CEILING PAINT:**
   - ALL GWB CEILINGS AND SOFFITS SHALL BE PAINTED PT-0.

09 90 00 PAINT and COATING

PT-0	TYPE:	TYP. CEILING PAINT
	MANUF:	SHERWIN WILLIAMS
	COLOR:	SW7028 INCREDIBLE WHITE
PT-1	TYPE:	GENERAL WALL COLOR
	MANUF:	SHERWIN WILLIAMS
	COLOR:	SW7028 INCREDIBLE WHITE
PT-2	TYPE:	ACCENT PAINT
	MANUF:	SHERWIN WILLIAMS
	COLOR:	SW6228 REFUGE
PT-3		NOT USED
PT-4	TYPE:	ACCENT PAINT
	MANUF:	SHERWIN WILLIAMS
	COLOR:	SW6871 POSITIVE RED
PT-5	TYPE:	TRIM & EXPOSED METAL PAINT
	MANUF:	SHERWIN WILLIAMS
	COLOR:	TRICORN BLACK

03 35 11 SEALED CONCRETE & STAIN

SC	TYPE:	SEALED CONCRETE
	MANUF:	PROSOCO
	COLOR:	CLEAR, DUST PROOF
CS-1	TYPE:	CONCRETE STAIN
	MANUF:	PROSOCO
	SERIES::	GEMTONE STAIN
	COLOR:	BLACK

09 72 60 VINYL WALL COVERING

WC-1	TYPE:	VINYL TYPE II WALLCOVERING
	MANUF:	LEVEL
	COLOR:	CUSTOM IMAGE, TBD
	NOTE:	PROVIDE CUSTOM PRINTED VINYL WALL COVERING WHERE INDICATED ON DRAWINGS. CONTRACTOR SHALL ENGAGE A QUALIFIED SIGNAGE, MURAL, OR GRAPHIC DESIGN FIRM FOR COORDINATION AND DESIGN DEVELOPMENT. FINAL GRAPHIC CONTENT, LAYOUT, AND COLOR PALETTE TO BE REVIEWED AND APPROVED BY THE OWNER AND ARCHITECT PRIOR TO FABRICATION. INSTALLER SHALL COORDINATE SUBSTRATE PREPARATION AND INSTALLATION REQUIREMENTS WITH THE GRAPHIC DESIGN FIRM. ALL SUBSTRATE GYPSUM TO BE FINISHED TO LEVEL-5 FINISH

10 26 00 WALL PROTECTION

WALL PROTECTION GENERAL NOTES:

1. REFER TO LEGEND AND **WALL FINISH PLANS** FOR WALL PROTECTION TYP/LOCATIONS.

2. WALL PROTECTION IS NOTED ON AI SCHEDULE FOR COLOR ONLY AND SHOULD BE COORDINATED WITH ELEVATIONS/ **WALL FINISH PLANS** PRIOR TO ORDERING.

3. SEE **WALL FINISH PLANS** FOR CORNER/END GUARD AND BUMPER RAIL LOCATIONS/ TYPES.

MATERIAL DESIGNATION:

X # X
- DESIGNATES COLOR (FIN. LEGEND)
- DESIGNATES HEIGHT (SEE AI SERIES PLANS)
- DESIGNATES TYPE

10 26 00 WALL PROTECTION

W#A	TYPE:	WALL PROTECTION
	MANUF:	INPRO
	SERIES:	PALLADIUM
	THICKNESS:	.60
	COLOR:	PEBBLE GRAY
W#B	TYPE:	WALL PROTECTION
	MANUF:	INPRO
	SERIES:	PALLADIUM
	THICKNESS:	.60
	COLOR:	DECO BLUE
B#A	TYPE:	WALL BUMPER-HI
	MANUF:	INPRO
	SERIES:	1600 WALL GUARD
	DETAIL:	SEE ELEVATION FOR HEIGHT
	COLOR:	PEBBLE GRAY
	TYPE:	WALL BUMPER-LO
	MANUF:	INPRO
	SERIES:	1400 WALL GUARD
	DETAIL:	SEE ELEVATION FOR HEIGHT
	COLOR:	PEBBLE GRAY
C#A	TYPE:	CORNER GUARD
	MANUF:	INPRO
	SERIES:	RIGID .80 VINYL, ADHESIVE MOUNT
	COLOR:	PEBBLE GRAY
C#B	TYPE:	CORNER GUARD
	MANUF:	INPRO
	SERIES:	RIGID .80 VINYL, ADHESIVE MOUNT
	COLOR:	DECO BLUE
E#A	TYPE:	END GUARD
	MANUF:	INPRO
	SERIES:	RIGID .80 VINYL, ADHESIVE MOUNT
	COLOR:	PEBBLE GRAY
E#B	TYPE:	END GUARD
	MANUF:	INPRO
	SERIES:	RIGID .80 VINYL, ADHESIVE MOUNT
	COLOR:	DECO BLUE

09 65 00 WALL BASE (RESILIENT)

RB-1	TYPE:	RUBBER BASE
	MANUF:	ROPPE
	SERIES:	PINNACLE
	HEIGHT:	4"
	COLOR:	BLACK

06 20 00 / 06 41 00 / 12 36 00 PLASTIC LAMINATE / SOLID SURFACE

MILLWORK GENERAL NOTES:

1. NEW WINDOW SILLS TO BE SS-2.

06 20 00 WOOD TRIM

WD-1	TYPE:	WOOD TRIM, PT GRADE POPLAR, 1X
	MANUF:	-
	COLOR:	PAINTED, PT-5
	NOTE:	TO BE USED AT CASED OPENINGS

06 20 00 / 06 41 00 / 12 36 00 PLASTIC LAMINATE

PL-1	TYPE:	PLASTIC LAMINATE
	MANUF:	PANOLAM
	COLOR:	PIONITE ZEN
	EDGE:	VINYL EDGEBAND TO MATCH

06 20 00 PLAM PANELING

PL-2	TYPE:	PLASTIC LAMINATE ON MDF SUBSTRATE
	MANUF:	PANOLAM
	COLOR:	PIONITE SLATE

06 20 00 MDO PLYWOOD OVERLAY PANEL

MDO-1	TYPE:	MDO PANEL
	MANUF:	SEE SPEC
	COLOR:	TBD

12 36 00 SOLID SURFACE

SS-1	TYPE:	COUNTERTOPS
	MANUF:	CORIAN
	COLOR:	CARBON CONCRETE
SS-2	TYPE:	WINDOW SILLS
	MANUF:	CORIAN
	COLOR:	CARBON CONCRETE

12 24 00 WINDOW TREATMENT

WT-1	TYPE:	ROLLER SHADE
	MANUF:	DRAPER
	SERIES:	MANUAL ROLLER SHADE
	COLOR:	TBD
	OPENNESS:	1%
	NOTE:	AT HEALTH ASSESSMENT LAB AND DEBRIEF ROOM

10 21 23 CUBICLE CURTAINS

CC-1	TYPE:	CUBICLE CURTAIN
	MANUF:	INPRO
	SERIES:	EZE-SWAP, FABRIC SHIELD BY PANAZ
	COLOR:	TBD
	NOTE:	-

MISCELLANEOUS & GENERAL NOTES

1. REFER TO RCP SHEET SET FOR ALL INFORMATION REGARDING CEILING TYPES AND TYPE LOCATIONS.

2. ALL ARCHITECTURE INTERIOR SHEET DIMENSIONS ARE TO FACE OF FINISH, UNO.

TBD	TO BE DETERMINED
PTM	PATCH TO MATCH
ETR	EXISTING TO REMAIN
SC	SEALED CONCRETE (FLOORING)

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LICENSED ARCHITECT RICHARD R. BIZZI No. 3807 STATE OF MAINE

CENTRAL MAINE COMMUNITY COLLEGE

CMCC HEALTHCARE TRAINING EXPANSION

BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL

CONTENT: GENERAL NOTES, LEGENDS, ROOM FINISH SCHEDULES

DRAWN BY:	RJB
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	As indicated

AI1.0

Project Phase
CONSTRUCTION DOCUMENTS

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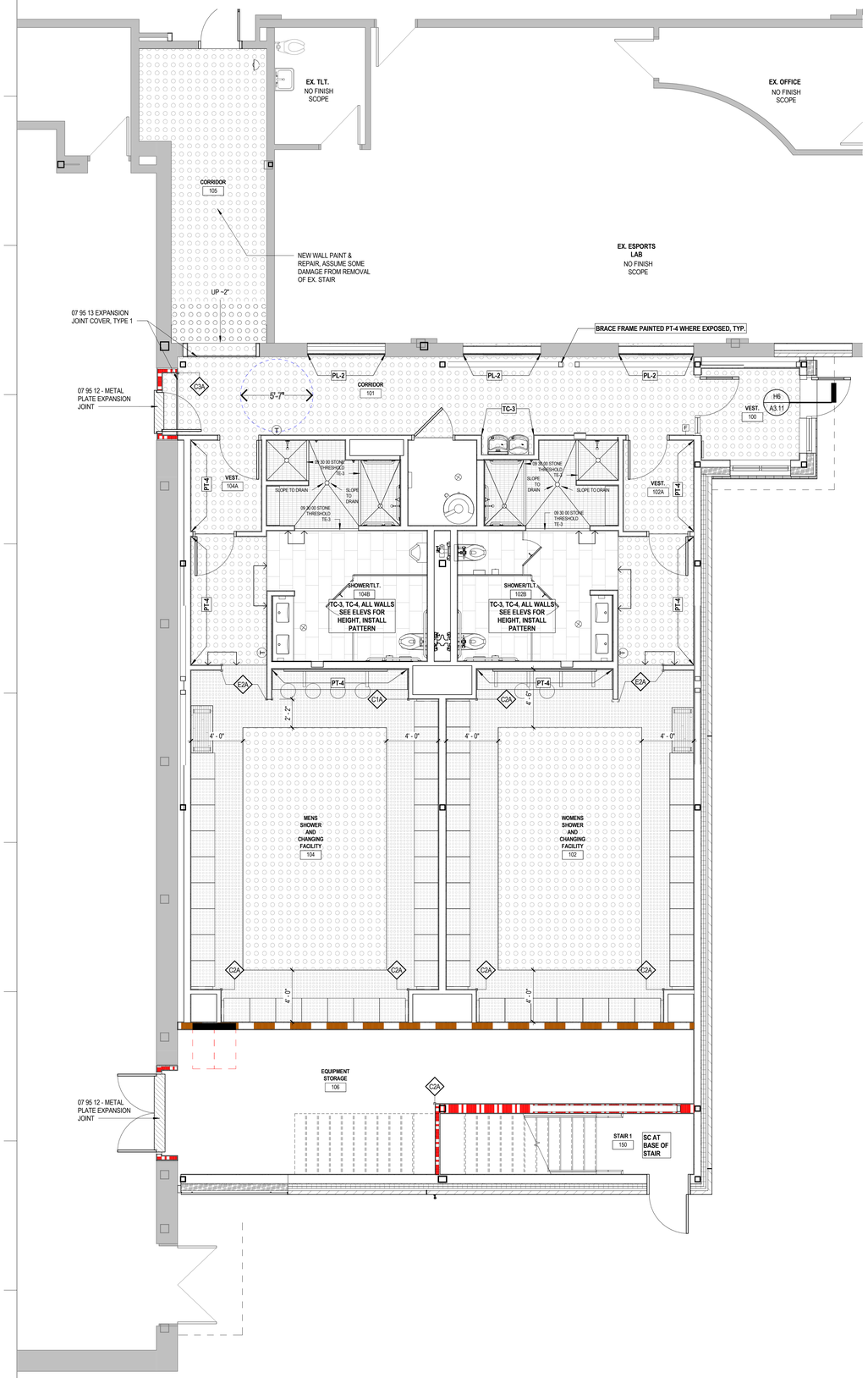


J1 LEVEL 1 FLOOR FINISH PLAN
AI1.1 1/4" = 1'-0"

CONSTRUCTION LEGEND

- NOT IN SCOPE
- WORK AREA BOUNDARY- BASE SCOPE
- WORK AREA BOUNDARY- ADD ALTERNATE #1 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #2 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #3 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #4
- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION

FINISH PLAN GENERAL NOTES:

1. HATCH PATTERNS ARE ONLY SHOWN ON **FLOOR FINISH PLANS** WHERE MORE THAN ONE FLOORING OCCUR IN A SPACE, OR WHERE PATTERN DIRECTION CHANGES. ALL OTHER FLOORING IS INDICATED IN THE FINISH SCHEDULE.

WALL PROTECTION GENERAL NOTES:

1. REFER TO FINISH LEGEND AND **WALL FINISH PLANS** FOR WALL PROTECTION TYP/LOCATIONS.

2. WALL PROTECTION IS NOTED ON AI SCHEDULE FOR COLOR ONLY AND SHOULD BE COORDINATED WITH ELEVATIONS/ **WALL FINISH PLANS** PRIOR TO ORDERING.

3. SEE **WALL FINISH PLANS** FOR CORNER GUARD AND BUMPER RAIL LOCATIONS/ TYPES.

MATERIAL DESIGNATION:

X # X
- DESIGNATES COLOR (FIN. LEGEND)
- DESIGNATES HEIGHT (SEE AI SERIES PLANS)
- DESIGNATES TYPE

PAINT GENERAL NOTES:

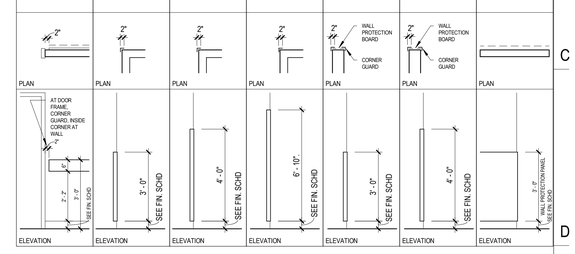
1. SEE FINISH SCHEDULE FOR ALL GENERAL WALL PAINT and COATINGS. REFER TO WALL FINISH PLANS FOR ACCENT WALL LOCATIONS.

2. REFER TO SPECIFICATION FOR PAINT/COATING FINISHES U.N.O BELOW.

3. HM DOOR FRAMES AND WINDOW FRAMES ARE TO BE PTD PT-5

4. **CEILING PAINT:**
   - ALL GWB CEILINGS AND SOFFITS SHALL BE PAINTED PT-0 UNLESS NOTED OTHERWISE ON THE REFLECTED CEILING PLAN.
   - REFER TO RCP FOR ALL NOTATIONS REGARDING ACCENT SOFFITS AND GWB CEILING PAINTS.

B1A	C1	C2	C3	E1	E2	W1
10 26 01 BUMPER RAIL	10 26 01 CORNER GUARD	10 26 01 CORNER GUARD	10 26 01 CORNER GUARD	10 26 01 END WALL GUARD	10 26 01 END WALL GUARD	10 26 01 WALL PROTECTION PANEL
INDICATES WP COLOR, SEE FINISH LEGEND	INDICATES WP COLOR, SEE FINISH LEGEND	INDICATES WP COLOR, SEE FINISH LEGEND	INDICATES WP COLOR, SEE FINISH LEGEND	INDICATES WP COLOR, SEE FINISH LEGEND	INDICATES WP COLOR, SEE FINISH LEGEND	INDICATES WP COLOR, SEE FINISH LEGEND
SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED
PLAN	PLAN	PLAN	PLAN	PLAN	PLAN	PLAN
ELEVATION	ELEVATION	ELEVATION	ELEVATION	ELEVATION	ELEVATION	ELEVATION



FINISHES KEY

RF-1	FC-3	SC
RF-2	TC-1	SEE SCHEDULE
FC-1	TC-2	
FC-2	XX-X FINISH EXTENTS	

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BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

CONTENT:
FIRST FLOOR FINISH PLAN

DRAWN BY:	RJB
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	As indicated

AI1.1

Project Phase
CONSTRUCTION DOCUMENTS

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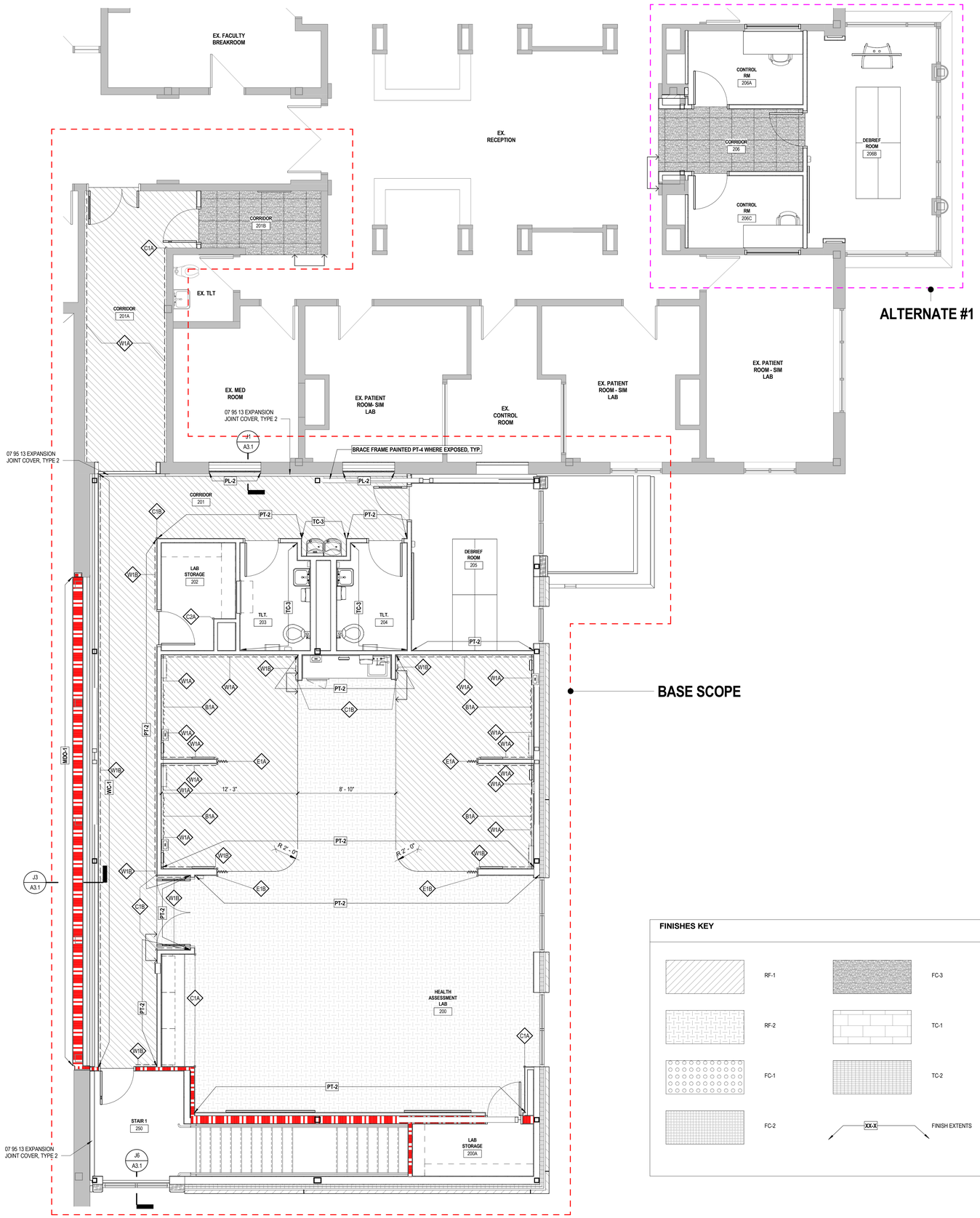

FINISH PLAN GENERAL NOTES:

1. HATCH PATTERNS ARE ONLY SHOWN ON **FLOOR FINISH PLANS** WHERE MORE THAN ONE FLOORING OCCUR IN A SPACE, OR WHERE PATTERN DIRECTION CHANGES. ALL OTHER FLOORING IS INDICATED IN THE FINISH SCHEDULE.

WALL PROTECTION GENERAL NOTES:

1. REFER TO FINISH LEGEND AND **WALL FINISH PLANS** FOR WALL PROTECTION TYP/LOCATIONS.

2. WALL PROTECTION IS NOTED ON AI SCHEDULE FOR COLOR ONLY AND SHOULD BE COORDINATED WITH ELEVATIONS/ **WALL FINISH PLANS** PRIOR TO ORDERING.

3. SEE **WALL FINISH PLANS** FOR CORNER GUARD AND BUMPER RAIL LOCATIONS/ TYPES.

MATERIAL DESIGNATION:

X # X
- DESIGNATES COLOR (FIN. LEGEND)
- DESIGNATES HEIGHT (SEE AI SERIES PLANS)
- DESIGNATES TYPE

PAINT GENERAL NOTES:

1. SEE FINISH SCHEDULE FOR ALL GENERAL WALL PAINT and COATINGS. REFER TO WALL FINISH PLANS FOR ACCENT WALL LOCATIONS.

2. REFER TO SPECIFICATION FOR PAINT/COATING FINISHES U.N.O BELOW.

3. HM DOOR FRAMES AND WINDOW FRAMES ARE TO BE PTD PT-5

4. **CEILING PAINT:**
   - ALL GWB CEILINGS AND SOFFITS SHALL BE PAINTED PT-0 UNLESS NOTED OTHERWISE ON THE REFLECTED CEILING PLAN.
   - REFER TO RCP FOR ALL NOTATIONS REGARDING ACCENT SOFFITS AND GWB CEILING PAINTS.

B1A	C1	C2	C3	E1	E2	W1
10 26 01 BUMPER RAIL	10 26 01 CORNER GUARD	10 26 01 CORNER GUARD	10 26 01 CORNER GUARD	10 26 01 END WALL GUARD	10 26 01 END WALL GUARD	10 26 01 WALL PROTECTION PANEL
INDICATES WP COLOR, SEE FINISH LEGEND	INDICATES WP COLOR, SEE FINISH LEGEND	INDICATES WP COLOR, SEE FINISH LEGEND	INDICATES WP COLOR, SEE FINISH LEGEND	INDICATES WP COLOR, SEE FINISH LEGEND	INDICATES WP COLOR, SEE FINISH LEGEND	INDICATES WP COLOR, SEE FINISH LEGEND
SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED	SURFACE MOUNTED
2" PLAN	2" PLAN	2" PLAN	2" PLAN	2" WALL PROTECTION BOARD CORNER GUARD PLAN	2" WALL PROTECTION BOARD CORNER GUARD PLAN	PLAN
AT DOOR FRAME, CORNER GUARD, INSIDE CORNER AT WALL 2" 6" 7' - 2" 3' - 2" SEE FIN. SCHD ELEVATION	3' - 0" SEE FIN. SCHD ELEVATION	4' - 0" SEE FIN. SCHD ELEVATION	6' - 10" SEE FIN. SCHD ELEVATION	3' - 0" SEE FIN. SCHD ELEVATION	4' - 0" SEE FIN. SCHD ELEVATION	7' - 0" WALL PROTECTION PANEL SEE FIN. SCHD ELEVATION

CONSTRUCTION LEGEND

- NOT IN SCOPE
- WORK AREA BOUNDARY- BASE SCOPE
- WORK AREA BOUNDARY- ADD ALTERNATE #1 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #2 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #3 (NOT ACCEPTED)
- WORK AREA BOUNDARY- ADD ALTERNATE #4
- EXISTING CONSTRUCTION TO REMAIN
- NEW CONSTRUCTION

FINISHES KEY

RF-1	FC-3	SC
RF-2	TC-1	SEE SCHEDULE
FC-1	TC-2	
FC-2	XX-X FINISH EXTENTS	

J1 LEVEL 2 - FLOOR FINISH PLAN
AI2.1 1/4" = 1'-0"

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LICENSED ARCHITECT RICHARD R. BIZZI NO. 3807 STATE OF MAINE

CENTRAL MAINE COMMUNITY COLLEGE

CMCC HEALTHCARE TRAINING EXPANSION

BGS NUM: 3831

1250 TURNER ST, AUBURN, MAINE, 04210

NO.	DESCRIPTION	DATE

CONTENT: SECOND FLOOR FINISH PLAN

DRAWN BY:	RJB
PROJECT NO:	25-061-00
DATE:	04/24/26
REVISED:	
SCALE:	As indicated

AI2.1

Project Phase: **CONSTRUCTION DOCUMENTS**

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PIPE ELBOW TURNED DN
PIPE ELBOW TURNED UP
PIPING TEE DOWN
PIPING TEE UP
PIPE RISER
45° ELBOW DOWN
PIPING TO BE REMOVED
CAPPED PIPING
CONCENTRIC REDUCER
ECCENTRIC REDUCER
DIRECTION OF FLOW
PIPE PITCHES DOWN
PIPE GUIDE
EXPANSION JOINT
PIPE ANCHOR
UNION
FLANGED CONNECTION
BACKFLOW PREVENTER
FLEXIBLE CONNECTION
SHUT-OFF / ISOLATION VALVE REFER TO SPECIFICATIONS
GATE VALVE
GATE VALVE ~ OUTSIDE SCREW & YOKE (OS&Y)

GLOBE VALVE
LOCKABLE BALL VALVE
PLUG VALVE
2-WAY CONTROL VALVE
3-WAY CONTROL VALVE
LOCK & SHIELD VALVE
CHECK VALVE
BALANCING VALVE - CIRCUIT SETTER
AIR VENT ~ REFER TO SPECIFICATIONS
STRAINER w/ BLOWDOWN VALVE AND CAP
EXPANSION VALVE - AUTOMATIC
RELIEF / SAFETY VALVE
PRESSURE GAUGE w/ COCK
SIGHT GLASS
PRESSURE REDUCING VALVE
FLOW SWITCH
SELF-CONTAINED TEMPERATURE CONTROL VALVE w/ REMOTE SENSOR

STEAM TRAP - FLOAT & THERMOSTATIC INDICATED T.T.= THERMOSTATIC TRAP, B.T.= BUCKET TRAP
PUMP ~ POINT OF TRIANGLE INDICATES DIRECTION OF FLOW
GAS SHUT-OFF VALVE
HOSE END DRAIN VALVE w/ CAP
TEMPERATURE / PRESSURE TAP - PETE'S PLUG
THERMOMETER w/ COCK
SOLENOID VALVE
ORIFICE FLOWMETER
DIFFERENTIAL PRESSURE TRANSMITTER
HUMIDIFIER - DUCT / AHU MOUNTED
FINNED TUBE BASEBOARD
HOSE BIBB / WALL HYDRANT
FLOOR CLEANOUT
FUSIBLE LINK VALVE
WALL CLEANOUT
AQUASTAT

EXPANSION LOOP
EXPANSION LOOP (BRAIDED/MANUFACTURED)
FLOOR DRAIN
SHOCK ABSORBER - WATER HAMMER ARRESTER
FIRE DEPARTMENT - WALL MOUNTED CONNECTION
FIRE DEPARTMENT - FREESTANDING CONNECTION
FIRE DEPARTMENT - WATER GONG
DUCTWORK ~ FIRST DIMENSION IS SIDE SHOWN IN INCHES S= SUPPLY, R= RETURN, E= EXHAUST AIR, OA= OUTSIDE AIR F.O. = FLAT OVAL
ACCOUSTICAL LINING (DUCT DIMENSION FOR NET FREE AREA)
DUCTWORK TO BE REMOVED
SINGLE LINE DUCTWORK TO BE REMOVED
DUCT TRANSITION
SQUARE TO ROUND DUCT TRANSITION
FLEX DUCT ~ DOUBLE LINE
FLEX DUCT ~ SINGLE LINE

CHANGE IN ELEVATION - UP, DOWN, RISE OR DROP
SUPPLY DUCT TURNED UP / DN
RETURN DUCT TURNED UP / DN
EXHAUST DUCT TURNED UP / DN
ROUND DUCT TURNED UP / DN
MITERED DUCT ELBOW w/ TURNING VANES
RADIUS DUCT ELBOW
DUCT / PIPE CAP- SINGLE / DOUBLE LINE
VOLUME DAMPER
FIRE DAMPER
SMOKE DAMPER
FIRE AND SMOKE DAMPER
BACKDRAFT DAMPER

MOTORIZED DAMPER
FLEXIBLE CONNECTION
TEMPERATURE SENSOR OR THERMOSTAT (AS SPECIFIED)
HUMIDISTAT OR HUMIDITY SENSOR (AS SPECIFIED)
CARBON DIOXIDE SENSOR
CARBON MONOXIDE SENSOR
ACCESS PANEL
DUCT SMOKE DETECTOR
ROOFTOP EXHAUST FAN
ROOFTOP SUPPLY FAN
CEILING DIFFUSER ~ 4-WAY BLOW
CEILING DIFFUSER ~ 3-WAY BLOW
CEILING DIFFUSER ~ 2-WAY BLOW
CEILING DIFFUSER ~ CORNER BLOW
CEILING RETURN GRILLE
CEILING EXHAUST GRILLE
POINT OF CONNECTION - EXISTING TO NEW
DIRECTION OF AIR FLOW

REGISTER, GRILLE & DIFFUSER TAG
DIFFUSER, REGISTER OR GRILLE No.
QUANTITY
CFM AIR FLOW

FINTUBE TAG
FINTUBE No.
LENGTH
GPM

VAV TAG
VAV No.
MINIMUM CFM
MAXIMUM CFM
GPM

EQUIPMENT TAG
TYPE DESIGNATOR
NUMBER

EQUIPMENT TAG (ON FLOOR/ROOF ABOVE)
TYPE DESIGNATOR
NUMBER

DETAIL REFERENCE SYMBOL
DETAIL No.
SHEET DETAIL LOCATED ON

SECTION REFERENCE SYMBOL
SECTION No.
SHEET SECTION LOCATED ON

E1 SYMBOLS LEGEND

NONE

AW — ACID WASTE
ATV — AIR RELIEF
BBD — BOILER BLOWDOWN
C — CONDENSATE (HVAC DRAIN PAN)
CA — COMPRESSED AIR
CHWR — CHILLED WATER RETURN
CHWS — CHILLED WATER SUPPLY
CTR — COOLING TOWER RETURN
CTS — COOLING TOWER SUPPLY
CWR — CONDENSER WATER RETURN
CWS — CONDENSER WATER SUPPLY
— — DOMESTIC COLD WATER
DOMESTIC HOT WATER
DOMESTIC HOT WATER RECIRC.
D — DRAIN
FM — PUMP FORCE MAIN
FOF — FUEL OIL FILL
FOR — FUEL OIL RETURN
FOS — FUEL OIL SUPPLY
FOV — FUEL OIL TANK VENT
FW — FEEDWATER
GR — GLYCOL RETURN
GS — GLYCOL SUPPLY
GV — GREASE LADEN VENT
GW — GREASE LADEN WASTE
GWR — GEOTHERMAL WATER RETURN
GWS — GEOTHERMAL WATER SUPPLY
H — HUMIDIFICATION LINE
H2 — HYDROGEN GAS
HCR — HEAT/COOL RETURN
HCS — HEAT/COOL SUPPLY
HPWR — HEAT PUMP WATER RETURN
HPWS — HEAT PUMP WATER SUPPLY
HPC — HIGH PRESSURE CONDENSATE
HPS — HIGH PRESSURE STEAM
HTWR — HIGH-TEMP HOT WATER RETURN
HWR — HOT WATER RETURN
HWS — HOT WATER SUPPLY
IND — INDUSTRIAL WASTE
IW — INDIRECT WASTE

LN — LIQUID NITROGEN
LOX — LIQUID OXYGEN
LP — LIQUID PETROLEUM GAS
LPR — LOW PRESSURE CONDENSATE
LPS — LOW PRESSURE STEAM
MA — MEDICAL AIR
MPR — MEDIUM PRESSURE CONDENSATE
MPS — MEDIUM PRESSURE STEAM
MUW — MAKE-UP WATER
N2 — NITROGEN
NG — NATURAL GAS
NO — NITROUS OXIDE
NPW — NON-POTABLE WATER
OX — OXYGEN
PC — PUMPED CONDENSATE
PCWR — PROCESS COLD WATER RETURN
PCWS — PROCESS COLD WATER SUPPLY
RD — REFRIGERANT DISCHARGE
RL — REFRIGERANT LIQUID
RS — REFRIGERANT SUCTION
RO — REVERSE OSMOSIS WATER
RW — RAIN WATER - ABOVE FLOOR
RW — RAIN WATER - BELOW GRADE
RWO — RAIN WATER OVERFLOW - ABOVE FLOOR
RWO — RAIN WATER OVERFLOW - BELOW GRADE
SP — SPRINKLER MAIN PIPING
SWR — SOLAR WATER RETURN
SWS — SOLAR WATER SUPPLY
TP — TRAP PRIMER - ABOVE FLOOR
TP — TRAP PRIMER - BELOW GRADE
TWR — TEMPERED WATER RETURN
TWS — TEMPERED WATER SUPPLY
V — SANITARY SOIL VENT - ABOVE FLOOR
V — SANITARY SOIL VENT - BELOW GRADE
VAC — VACUUM (AIR)
VC — VACUUM CLEANING (HOUSE)
VPD — VACUUM PUMP DISCHARGE
W — SANITARY SOIL WASTE - ABOVE FLOOR
W — SANITARY SOIL WASTE - BELOW GRADE
WV — SANITARY WET VENT - ABOVE FLOOR
WV — SANITARY WET VENT - BELOW GRADE

J1 PIPING LINETYPE LEGEND

NONE

AAV	AUTOMATIC AIR VENT
AC	ABOVE CEILING
ACC	AIR COOLED CONDENSER
ACU	AIR CONDITIONING UNIT
ADA	AMERICANS WITH DISABILITIES ACT
AD	ACCESS DOOR
AE	ACID EXHAUST
AW	ACID WASTE
AFF; A.F.F.	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
AP	ACCESS PANEL
APPROX.	APPROXIMATE; APPROXIMATELY
APMR	AS PER MFR'S RECOMMENDATIONS
ATC	AUTOMATIC TEMPERATURE CONTROL
AV	AIR VENT
BC	BALANCING COCK
BDD	BACKDRAFT DAMPER
BG	BLAST GATE
BF	BARRIER FREE
BFP	BACKFLOW PREVENTER
BHP	BRAKE HORSEPOWER
BLDG	BUILDING
BOD	BOTTOM OF DUCT
B.T.U.; BTU	BRITISH THERMAL UNIT
CONV.	CONVECTOR
CCW	COUNTER CLOCKWISE
CFF	CAPPED FOR FUTURE
CFM	CUBIC FEET PER MINUTE
CLG	CEILING
CO	CLEANOUT
CM	CONSTRUCTION MANAGER
CNTR	COUNTER; COUNTER TOP
CONN	CONNECT; CONNECTION
CONT.	CONTINUE; CONTINUATION
COORD.	COORDINATE
CORR	CORRIDOR
CR	CHEMICAL RESISTING
CT	COOLING TOWER
CTE	CONNECT TO EXISTING
CTR	CENTER
CTRLN	CENTERLINE
CU	COPPER; CONDENSING UNIT
CUH	CABINET UNIT HEATER
C.V.	CONTROL VALVE
CW	COLD WATER; CLOCKWISE
DB	DRY BULB TEMPERATURE
DC	DOUBLE CONTAINED
DDC	DIRECT DIGITAL CONTROL
DET	DETAIL
DIA	DIAMETER
DIC	DOWN IN CHASE
DIW	DOWN IN WALL
DN	DOWN
DS	DOWNSPOUT
DT	DROP AND TRANSITION
DV	DRAIN VALVE
DWG	DRAWING
E	EXHAUST AIR
EF	EXHAUST FAN
EG	EXHAUST GRILLE
ELEV	ELEVATION
ELONG	ELONGATE
ENC	ENCLOSURE
ER	EXHAUST REGISTER
ERU	ENERGY RECOVERY UNIT
ESP	EXTERNAL STATIC PRESSURE
ET	EXPANSION TANK
(E)	EXISTING
F&T	FLOAT AND THERMOSTATIC
FBO	FURNISHED BY OTHERS
FBP	FACE AND BYPASS
FC	FLEXIBLE CONNECTION
FCO	FLOOR CLEANOUT
FD-#	FLOOR DRAIN TAG
FD	FIRE DAMPER
FDC	FIRE DEPT. CONNECTION
FIN	FINISH
FL; FLR	FLOOR
FP	FROST/FREEZE PROOF
FTG	FOOTING
FTR	FINNED TUBE RADIATION
FS	FLOW SWITCH
FM	FORCE MAIN
GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
GRV	GRAVITY ROOF VENTILATOR
H	HUMIDIFIER
HB	HOSE BIBB
HC; HDC	HANDICAP ACCESS
HGT; HT	HEIGHT
HP	HEAT PUMP
HRU	HEAT RECOVERY UNIT
HTR	HEATER
H&V	HEATING AND VENTILATION
HVAC	HEATING, VENTILATING AND AIR COND.
HW	HOT WATER
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HX	HEAT EXCHANGER
ID	INSIDE DIAMETER
IN WG	INCHES WATER GAUGE
INCL.	INCLUDING
INV. EL.	INVERT ELEVATION
IPS	IRON PIPE SIZE
KE-#	KITCHEN EQUIPMENT NUMBER
LD	LINEAR DIFFUSER
LE-#	SCIENCE LAB EQUIPMENT NUMBER
LP	LIQUID PETROLEUM GAS
LPR	LOW PRESSURE STEAM RETURN
LPS	LOW PRESSURE STEAM SUPPLY
MAX	MAXIMUM
MBH	1000 BTUH/hr.
MFR	MANUFACTURER
MIN	MINIMUM
MOD	MOTOR OPERATED DAMPER
MPG	MEDIUM PRESSURE GAS
MPV	MULTI-PURPOSE VALVE
MTD	MOUNTED
MTG	MOUNTING
MUA	MAKE UP AIR
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
NG	NATURAL GAS
NIC	NOT IN CONTRACT
NPT	NATIONAL PIPE THREAD
NTS	NOT TO SCALE
OBD	OPPOSED BLADE DAMPER
OA	OUTSIDE AIR
OD	OUTSIDE DIAMETER
OED	OPEN ENDED DUCT
P-#	PLUMBING FIXTURE TAG
PD	PUMPED DISCHARGE
PP	PROCESS PIPING
PRS	PRESSURE REDUCING STATION
PRV	PRESSURE REDUCING VALVE
R	RETURN AIR
RD	ROOF DRAIN
REC	RECOMMENDATION
REG	REGULAR
RF	RETURN FAN
RG	RETURN GRILLE
RHC	REHEAT COIL
RM	ROOM
RPZ	REDUCED PRESSURE BFP
RR	RETURN REGISTER
RV	RELIEF VALVE
RW	RAIN WATER
S	SUPPLY AIR
SA-" "	SHOCK ABSORBER OF PDI SIZE (" ") AS INDICATED
SCV	SELF-CONTAINED VALVE
SD	SMOKE DAMPER
SF	SUPPLY FAN
SG	SUPPLY GRILLE
SGL	SINGLE
SHT	SHEET
SPLR	SPRINKLER
SQ. FT; SF	SQUARE FEET
SR	SUPPLY REGISTER
S/O	SHUT-OFF
S.S.	STAINLESS STEEL
TD	TRENCH DRAIN
TG	TRANSFER GRILLE
TOD	TOP OF DUCT
TP	TRAP PRIMER
TSP	TOTAL STATIC PRESSURE
TTS	TIGHT TO STEEL
TV	TURNING VANE
TW	TEMPERED WATER
TYP	TYPICAL
UH	UNIT HEATER
UIC	UP IN CHASE
UIW	UP IN WALL
UV	UNIT VENTILATOR
V	VENT
VAC	VACUUM
VB	VACUUM BREAKER
VCFF	VALVE & CAP FOR FUTURE
VD	VOLUME DAMPER - MANUAL
VLV	VALVE
VS	VENT STACK
VTR	VENT TO ROOF
W	WASTE
W/	WITH
WB	WET BULB TEMPERATURE, °F
WCO	WALL CLEANOUT
WH	WATER HEATER
WHYD	WALL HYDRANT
Ø	DIAMETER
@	AT
&	AND
%	PERCENT

J7 ABBREVIATIONS

NONE

NOTE

ALL GENERAL NOTES, SYMBOL LEGENDS AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ALL PLUMBING AND HVAC DRAWINGS FOR THIS PROJECT. SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION INTO THE DESIGN.

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NO.	DESCRIPTION	DATE

CONTENT:
PLUMBING AND HVAC NOTES, LEGEND AND ABBREVIATIONS

DRAWN BY: REW
PROJECT NO: 25-061-00
DATE: 04/24/2026
REVISED:
SCALE: AS NOTED

P0.0

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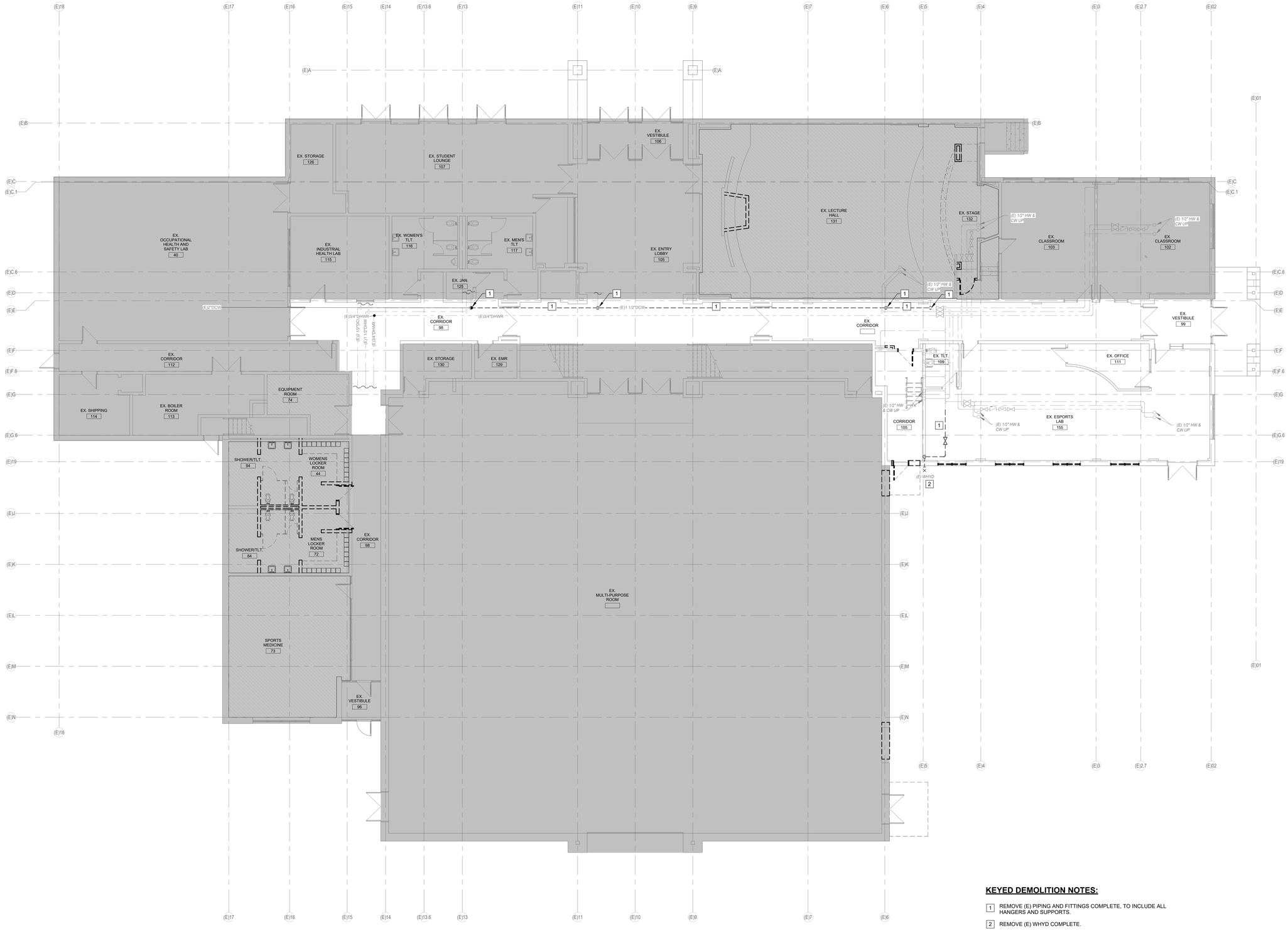

KEYED DEMOLITION NOTES:

1. REMOVE (E) PIPING AND FITTINGS COMPLETE, TO INCLUDE ALL HANGERS AND SUPPORTS.
2. REMOVE (E) WHYD COMPLETE.

J1 | PLUMBING SUPPLY DEMOLITION PLAN - FIRST FLOOR

1/8" = 1'-0"

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CONTENT:
PLUMBING SUPPLY DEMOLITION PLAN - FIRST FLOOR

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PROJECT NO:	25-061-00
DATE:	04/24/2026
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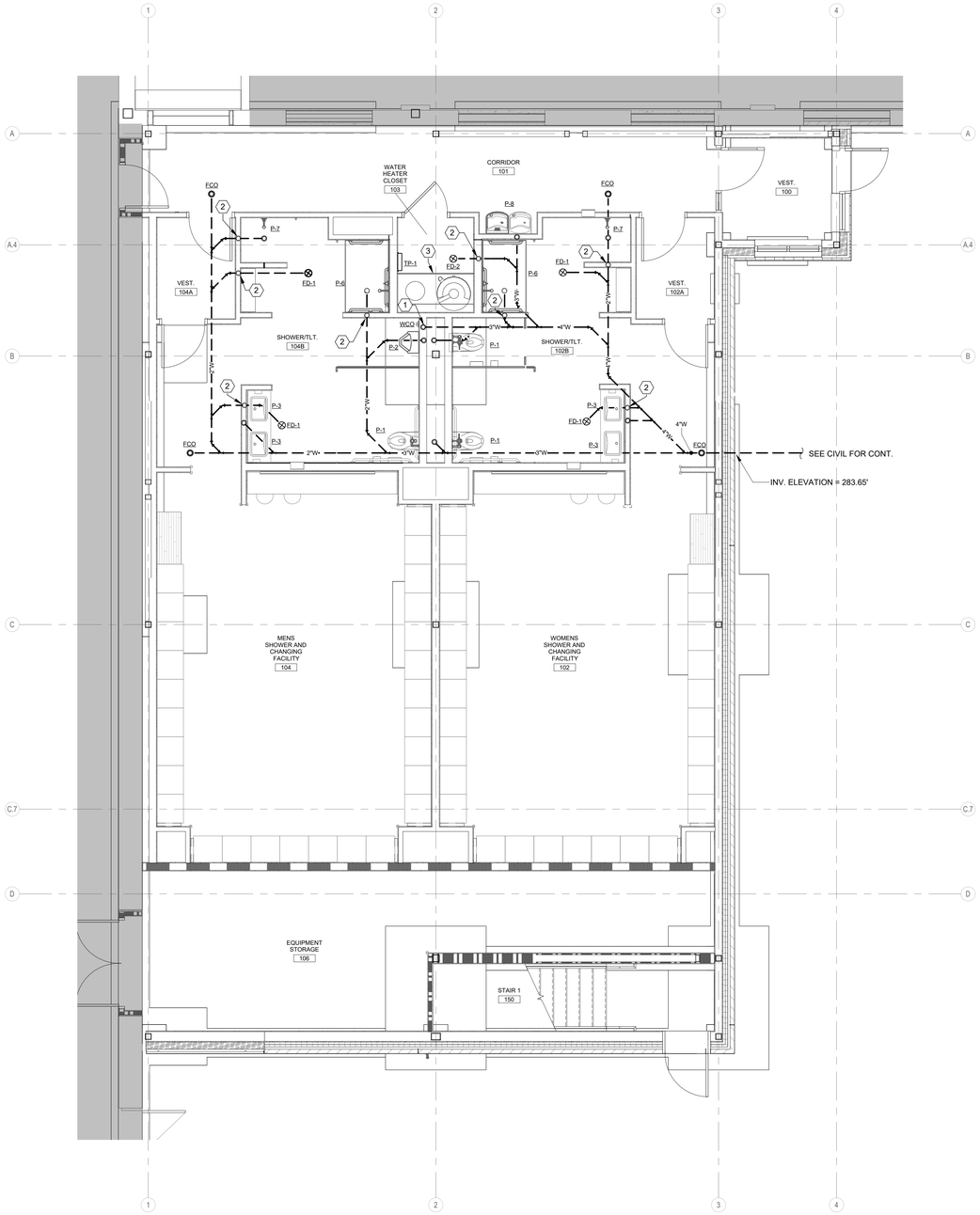

KEYED NOTES:

1. 3"W UIC.
2. 2"V UIC OR UIW.
3. CONCRETE HOUSEKEEPING PAD.

TOP OF STRUCTURAL SLAB ELEVATION = 291' - 0"

J1 PLUMBING PLAN - ENLARGED FIRST FLOOR UNDER SLAB

1/4" = 1'-0"

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CONTENT:
PLUMBING PLAN - FIRST FLOOR UNDER SLAB

DRAWN BY:	REW
PROJECT NO:	25-061-00
DATE:	04/24/2026
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SCALE:	AS NOTED

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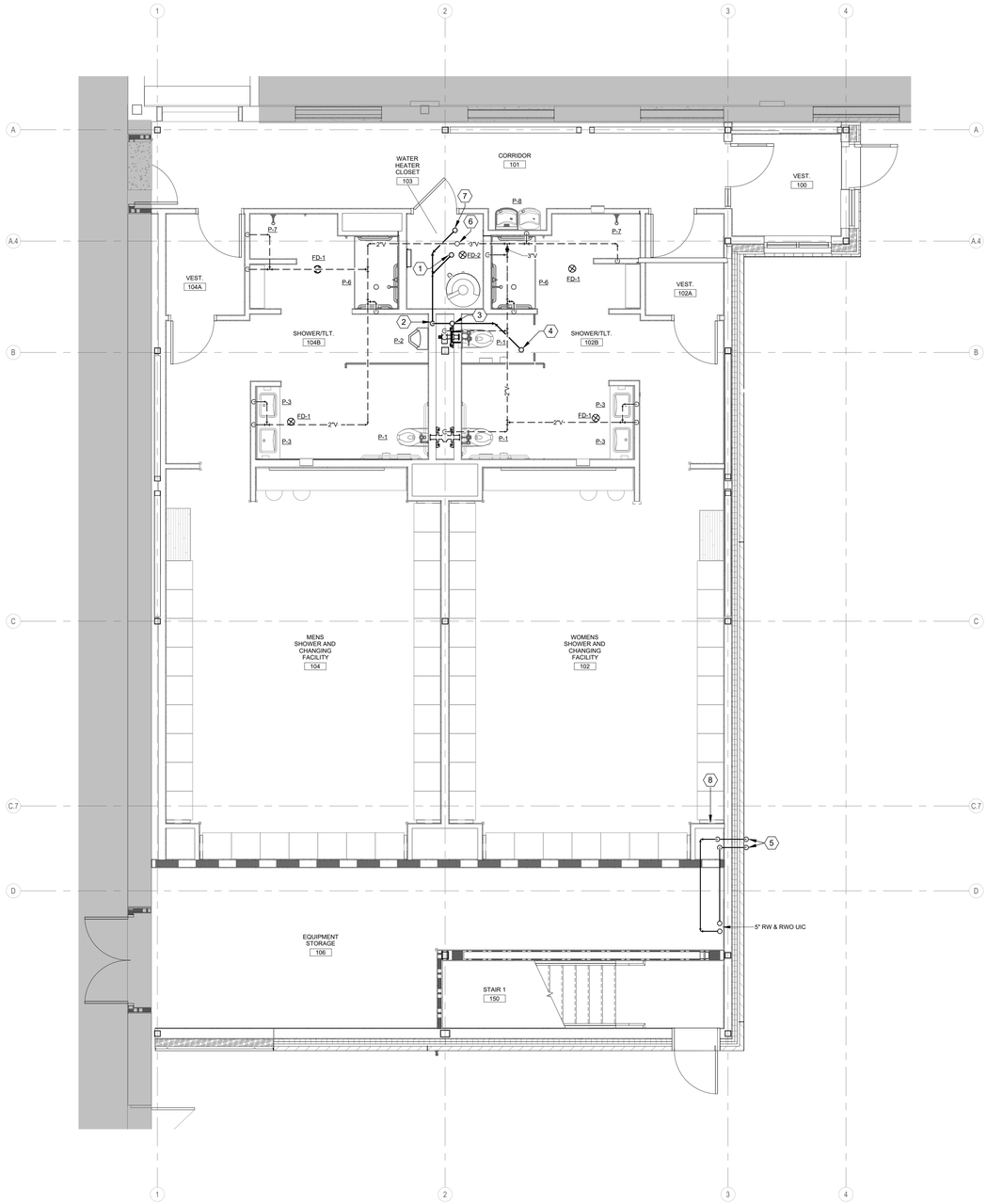

KEYED NOTES:

1. 2"W UP TO SERVE x2 P-4 AND x1 P-8.
2. 3"W DIC.
3. 3"W UIC TO x2 P-1.
4. 1-1/2"W UIW TO SERVE P-5.
5. PROVIDE COW'S TONGUE OUTLET TO DISCHARGE 18" ABOVE FINISHED GRADE.
6. 3"V UIC.
7. 1-1/2"W UIW TO SERVE P-8 ABOVE.
8. PROVIDE 18x18 ACCESS PANEL.

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NO.	DESCRIPTION	DATE

CONTENT:
PLUMBING DRAINAGE PLAN - FIRST FLOOR

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PROJECT NO:	25-061-00
DATE:	04/24/2026
REVISED:	
SCALE:	AS NOTED

PL1.1

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J1 | PLUMBING DRAINAGE PLAN - ENLARGED FIRST FLOOR
1/4" = 1'-0"

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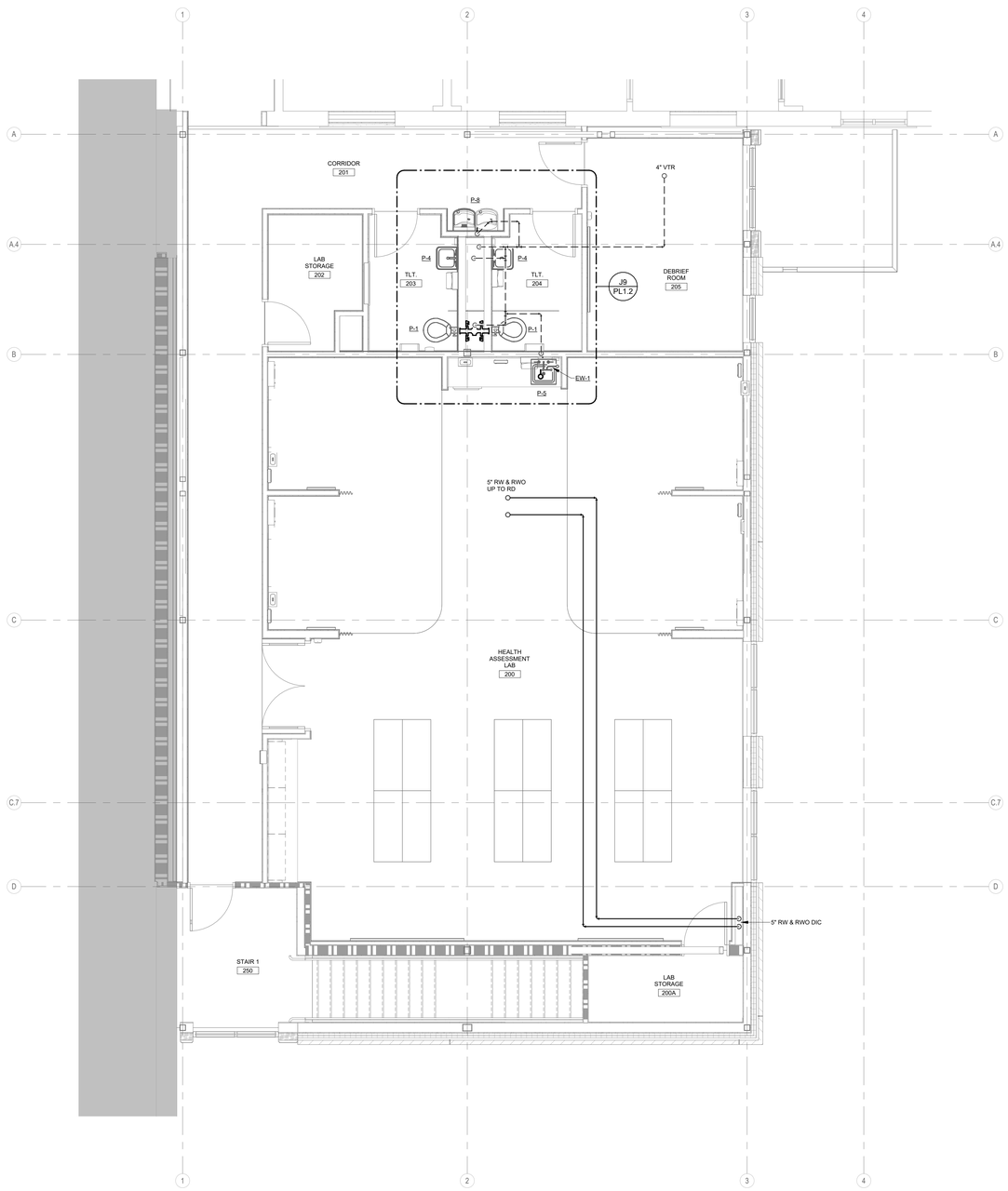
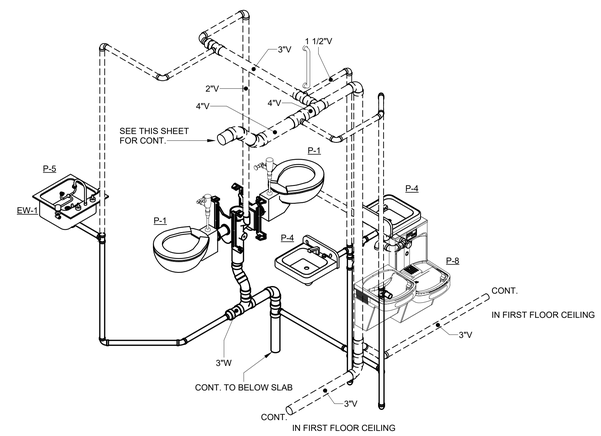


J1 | PLUMBING DRAINAGE PLAN - ENLARGED SECOND FLOOR

1/4" = 1'-0"



J9 | PLUMBING RISER DIAGRAM

NONE

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NO.	DESCRIPTION	DATE

CONTENT:
PLUMBING DRAINAGE PLAN - SECOND FLOOR

DRAWN BY:	REW
PROJECT NO:	25-061-00
DATE:	04/24/2026
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SCALE:	AS NOTED

PL1.2

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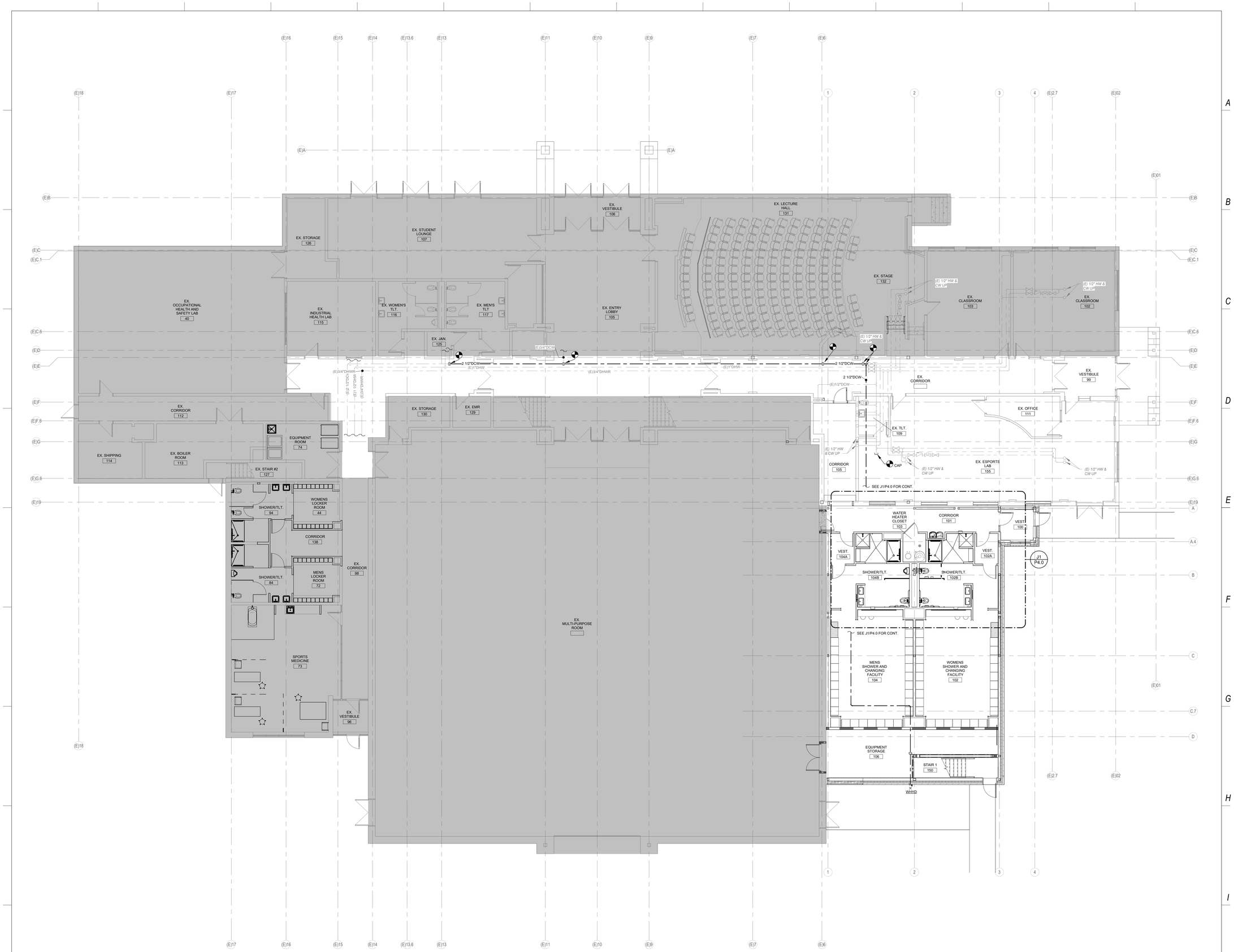

J1 | PLUMBING SUPPLY PLAN - FIRST FLOOR

1/8" = 1'-0"

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NO.	DESCRIPTION	DATE

CONTENT:
PLUMBING SUPPLY PLAN - FIRST FLOOR

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DATE:	04/24/2026
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SCALE:	AS NOTED

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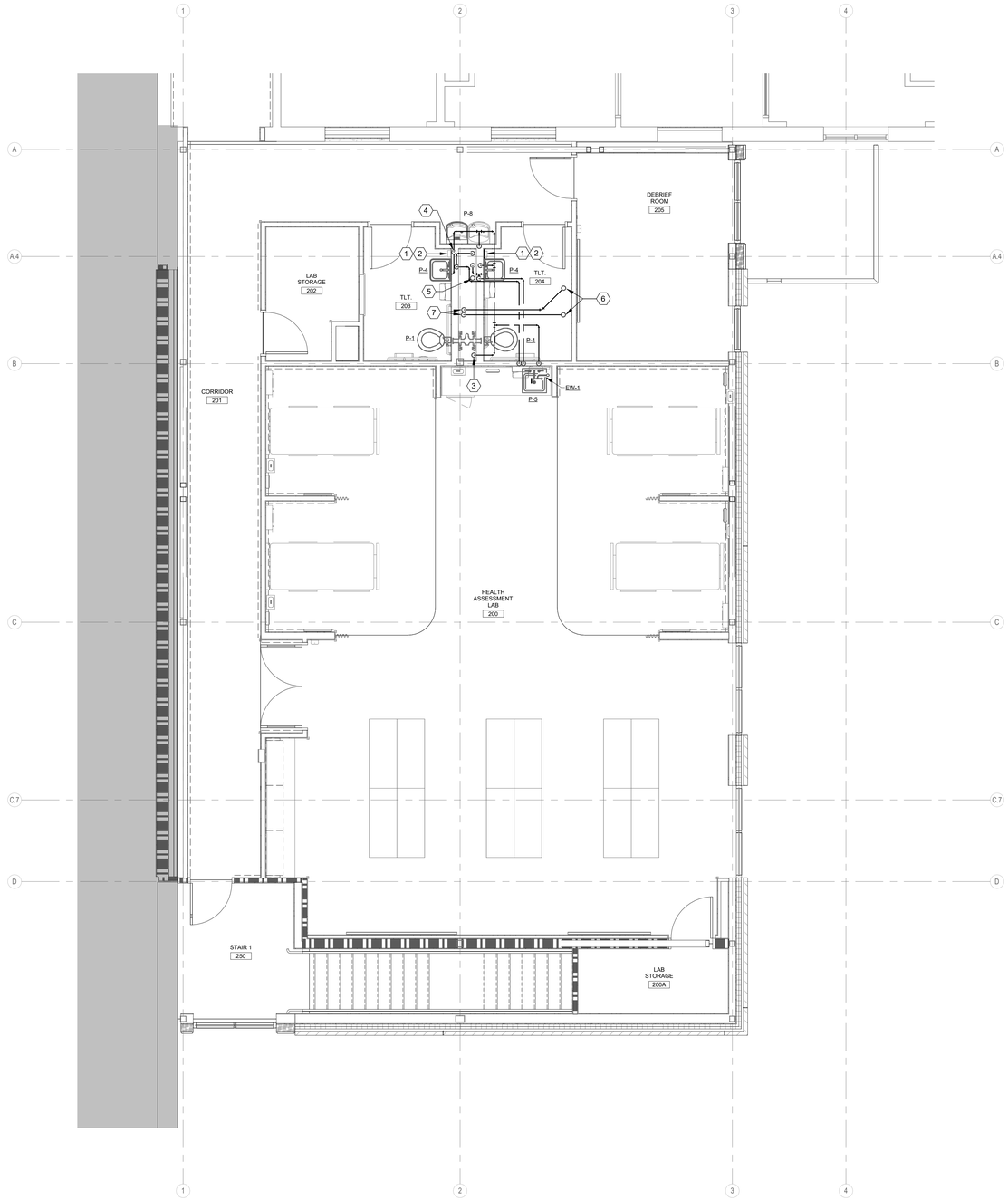

KEYED NOTES:

1. PROVIDE A 12"X12" ACCESS PANEL WITH THE BOTTOM OF THE PANEL 6" AFF.
2. PROVIDE A SHUT-OFF VALVE IN THE RISER 12" AFF UPSTREAM OF ALL TAKE-OFFS ON THIS FLOOR.
3. 1" DCW DIW TO SERVE x2 P-1 FIXTURES, PROVIDE WATER HAMMER ARRESTOR PER PDI.
4. 2" DCW DIW.
5. 3/4" NG UP TO ROOF ABOVE AND DIC.
6. 3" INTAKE AND VENT FOR WH-1 UP THROUGH ROOF.
7. 3" INTAKE AND VENT DIC.

J1 PLUMBING SUPPLY PLAN - ENLARGED SECOND FLOOR

1/4" = 1'-0"

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CONTENT:
PLUMBING SUPPLY PLAN - SECOND FLOOR

DRAWN BY:	REW
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DATE:	04/24/2026
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SCALE:	AS NOTED

PP1.2

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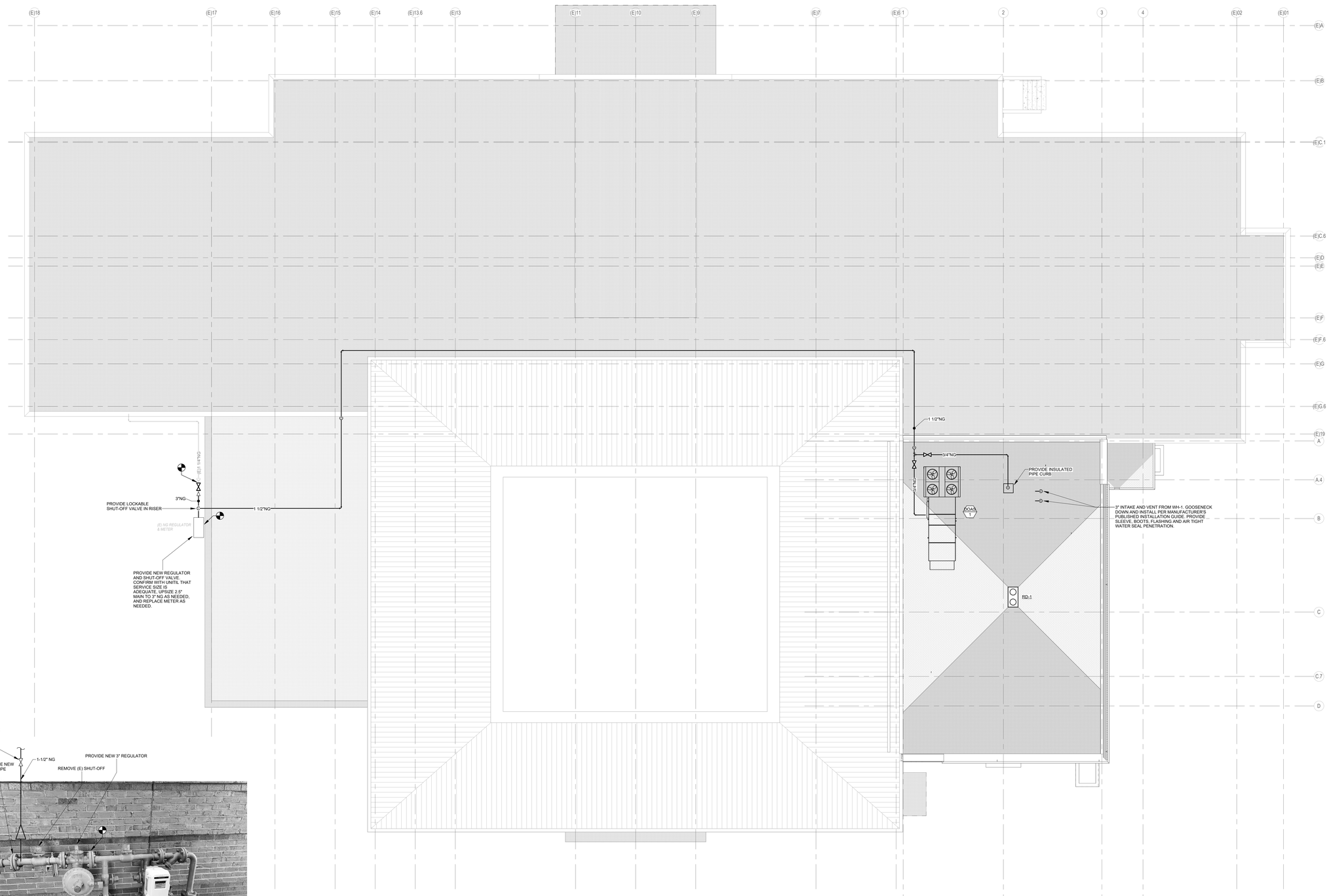

J1	PLUMBING DRAINAGE PLAN - ROOF
1/8" = 1'-0"	

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NO.	DESCRIPTION	DATE

CONTENT:
PLUMBING SUPPLY PLAN - ROOF

DRAWN BY:	Author
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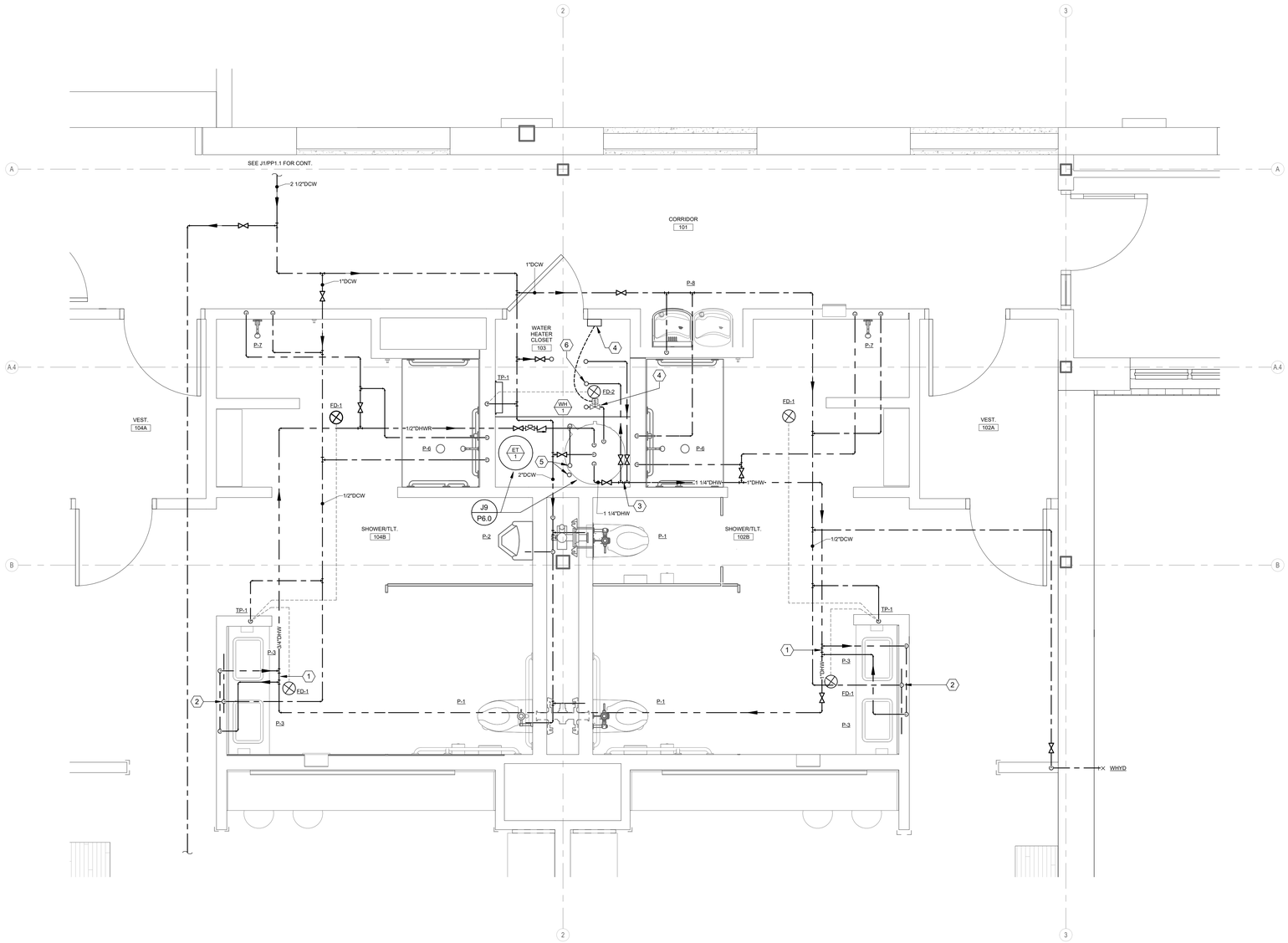

KEYED NOTES:

1. PROVIDE A KEMPER FLOW SPLITTER WITH SHUTOFF VALVES. LOOP SHALL SERVE x2 LAVATORIES AND SHALL BE 1/2"DHW, INSULATED.
2. 1/2" DCW DIW TO SERVE x2 LAVATORIES.
3. PROVIDE A KEMPER FLOW SPLITTER WITH SHUTOFF VALVES. LOOP SHALL SERVE x3 LAVATORIES AND SHALL BE 1/2" DHW, INSULATED.
4. GAS SOLENOID VALVE AND EMERGENCY SHUT-OFF SWITCH/BUTTON.
5. 3" INTAKE AND VENT FOR WH-1 UIC.
6. 1/2" DHW LOOP UIC.

J1	PLUMBING PART PLAN - ENLARGED FIRST FLOOR
1/2" = 1'-0"	

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CONTENT:
PLUMBING PART PLUM - ENLARGED FIRST FLOOR

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PLUMBING FIXTURE SCHEDULE

TAG	DESCRIPTION	CW	HW	VENT	WASTE	NOTES
P-1	WATER CLOSET - FLUSH VALVE, WALL MOUNT	1"	-	2"	3"	PROVIDE CARRIER
P-2	URINAL	3/4"	-	1-1/2"	2"	PROVIDE CARRIER AND CLEANOUT
P-3	LAVATORY, UNDERMOUNT	3/8"	1/2"	1-1/2"	1-1/2"	PROVIDE ASSE 1070 MIXING VALVE
P-4	LAVATORY, WALL MOUNTED	3/8"	1/2"	1-1/2"	1-1/2"	PROVIDE ASSE 1070 MIXING VALVE
P-5	SINK, DROP-IN STAINLESS STEEL	1/2"	1/2"	1-1/2"	1-1/2"	PROVIDE ASSE 1070 MIXING VALVE
P-6	SHOWER, STANDARD	1/2"	1/2"	1-1/2"	2"	TILE SHOWER PROVIDE HEAD, VALVE, AND...
P-7	SHOWER, ROLL-IN ADA	1/2"	1/2"	1-1/2"	2"	TILE SHOWER PROVIDE HEAD, VALVE, AND...
P-8	BI-LEVEL WATER COOLER - BOTTLE FILLER (REFRIGERATED)	3/8"	-	1-1/4"	1-1/4"	
EW-1	EMERGENCY EYE WASH	1/2"	1/2"	-	-	PROVIDE ASSE 1071 MIXING VALVE
FD-1	FLOOR DRAIN	-	-	2"	3"	PROVIDE TRAP PRIMER
FD-2	FLOOR DRAIN	-	-	2"	3"	PROVIDE TRAP PRIMER
RD-1	ROOF DRAIN - 5"	-	-	-	-	
WHYD	WALL HYDRANT - FREEZE RESISTANT	3/4"	-	-	-	PROVIDE SHUT-OFF VALVE

PLUMBING PUMP SCHEDULE

TAG	SERVICE	MAKE & MODEL	TYPE	GPM	HEAD	CONN SIZES	ELECTRICAL		SUMP	NOTES
							MOTOR...	VOLTS/PH...		
RCP-1	DHW RECIRC	TACO 0013	IN LINE	8	27	3/4" X 3/4"	1/6	115/1	-----	1

NOTES:
1. SEE SPEC SECTION 221116.

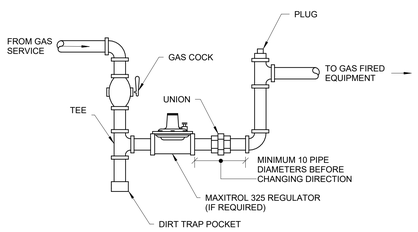
STORAGE TYPE GAS DHW HEATERS

TAG	DHW-1
MANUFACTURER	AO SMITH
HEATER MODEL	CYCLONE BTH-145A
FUEL	NAT. GAS
HEAT INPUT - BTUH	145,000
THERMAL EFFICIENCY (%)	95.0%
GPH RECOVERY @ 100F...	165
TANK SIZE, GALLONS	60
SHIPPING WEIGHT (LBS)	490
HEIGHT (IN.)	55.5"
DIAMETER (IN.)	27-3/4"
VENTING	POWER VENTED
VENT CONN. DIA (IN.)	3"
AIR INLET CONN. (IN.)	3"
2-STAGE or FULL MOD.	FULL MOD
MIN / MAX GAS PRS. IN. WG.	3.5" TO 14"
GAS CONN. (IN.)	3/4"
WATER CONN. (IN.)	1-1/2"
DRAIN	3/4"
ELECTRICAL	120-1-60
MOP	15 A

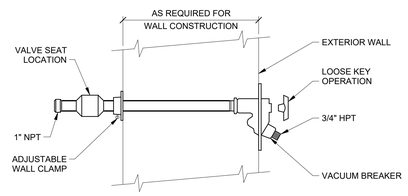
NOTES:
1. DISCONNECT SWITCH BY DIV. 26.
2. PROVIDE ACID NEUTRALIZER KIT.
3. PIPE CONDENSATE TO DRAIN AND DISCHARGE AS INDIRECT WASTE.

PLUMBING EXPANSION TANK SCHEDULE

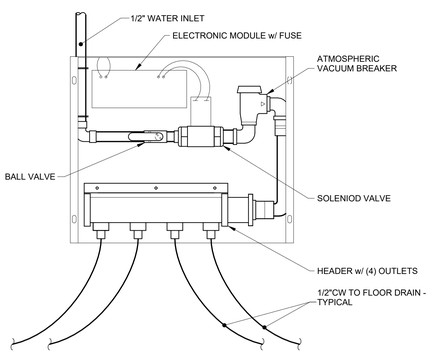
SYSTEM	DOMESTIC HW
BLADDER-TYPE EXPANSION TANK	**ET-1**
MFR-MODEL	AMTROL ST-42VC
STATIC PRESSURE AT TANK, PSI.	60.0
TANK PRE-CHARGE PRESSURE	55.0
TANK DIAMETER	16"
TANK HEIGHT	24"
ACCEPTANCE VOLUME	12
WATERLOGGED WEIGHT (LBS.)	210
ASME PRESSURE RATING	300



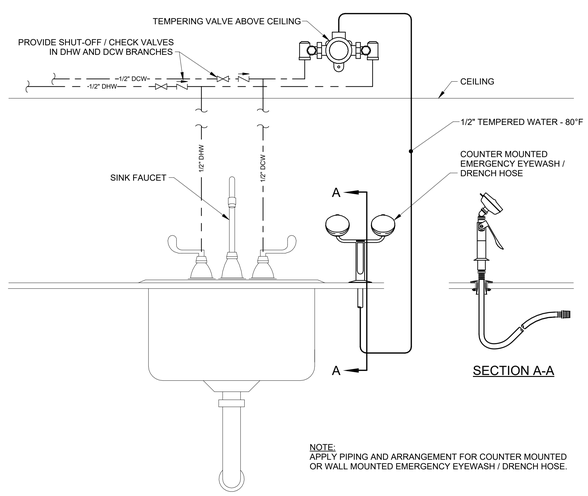
F1 GAS PIPING EQUIPMENT CONNECTION
NOT TO SCALE



F5 WALL HYDRANT
NOT TO SCALE

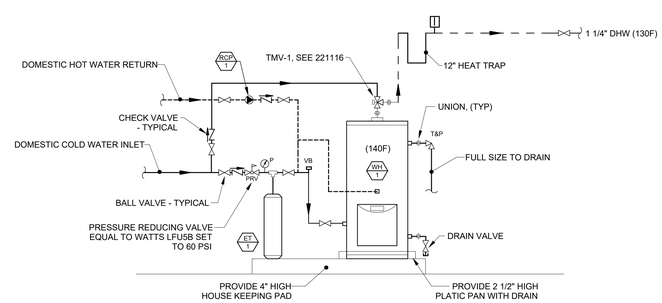


J1 ELECTRONIC TRAP PRIMER PIPING
NOT TO SCALE



NOTE:
APPLY PIPING AND ARRANGEMENT FOR COUNTER MOUNTED OR WALL MOUNTED EMERGENCY EYEWASH / DRENCH HOSE.

J5 EMERGENCY EYEWASH / DRENCH HOSE PIPING
NOT TO SCALE



NOTE:
PIPE CONDENSATE DRAIN TO FLOOR DRAIN AND DISCHARGE AS INDIRECT WASTE. PROVIDE FUNNEL AT FLOOR DRAIN. PROVIDE ACID NEUTRALIZER KIT AND MEDIA.

J9 DOMESTIC WATER HEATER PIPING
NOT TO SCALE

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CONTENT:
PLUMBING SCHEDULES

DRAWN BY:	Author
PROJECT NO:	25-061-00
DATE:	04/24/2026
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SCALE:	AS NOTED

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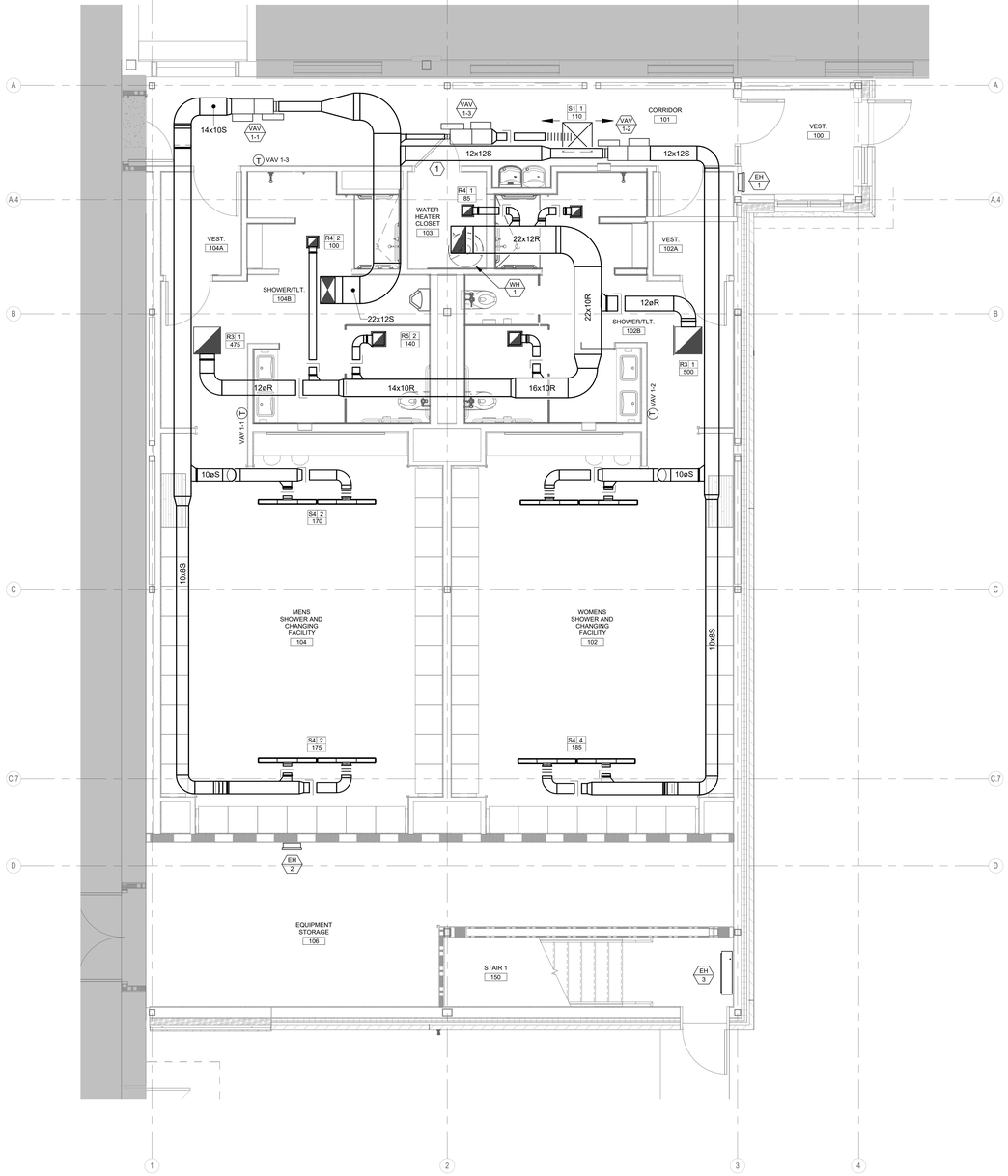

KEYED NOTES:

1. PROVIDE 1" DOOR UNDERCUT.

J1	MECHANICAL PLAN - ENLARGED FIRST FLOOR
1/4" = 1'-0"	

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CONTENT:
MECHANICAL PLAN - FIRST FLOOR

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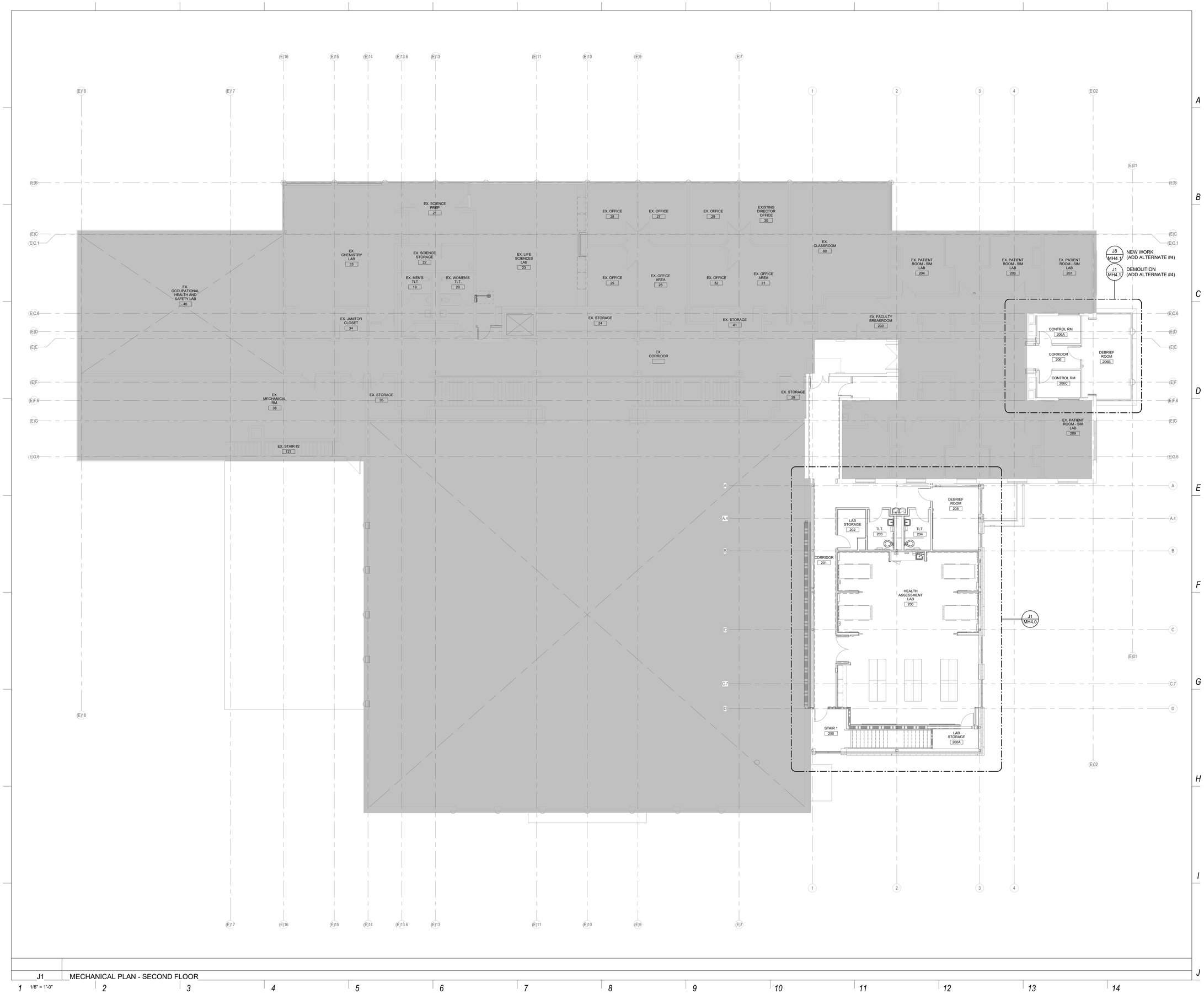

J1 MECHANICAL PLAN - SECOND FLOOR

1/8" = 1'-0"

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CONTENT:
MECHANICAL PLAN - SECOND FLOOR

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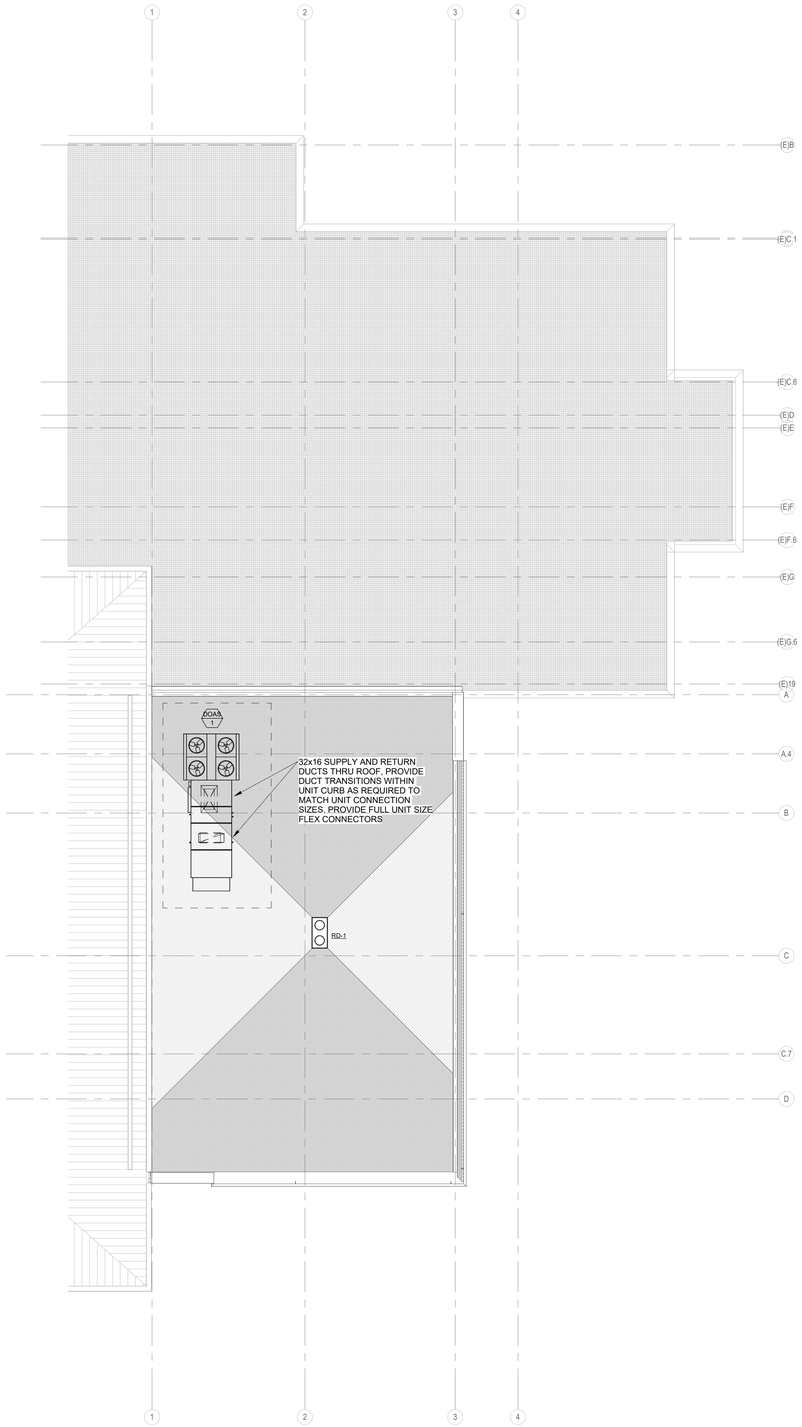

J1	MECHANICAL PLAN - ENLARGED ROOF
1/8" = 1'-0"	

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CONTENT:
MECHANICAL PLAN - ROOF

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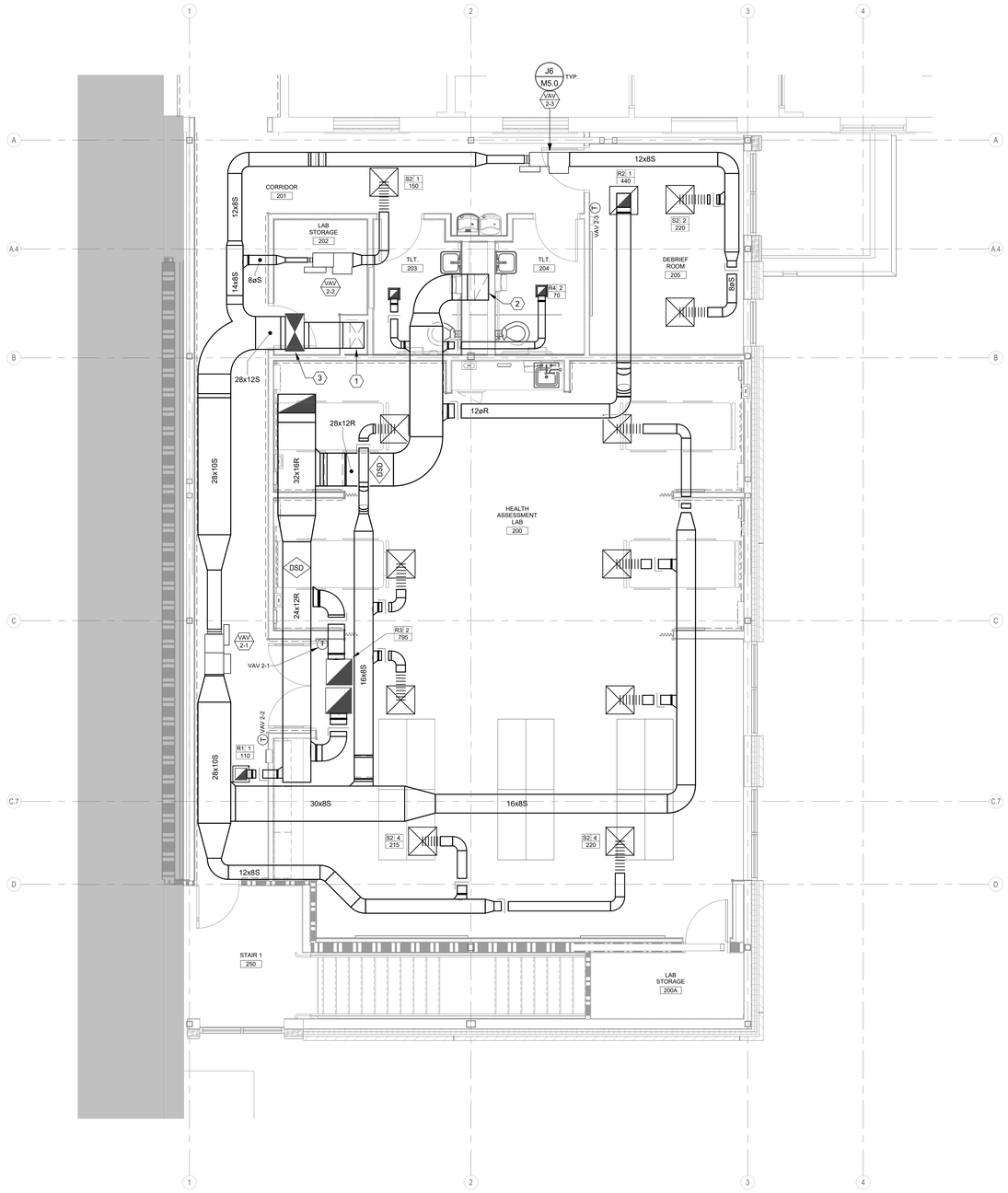

KEYED NOTES:

1. 22x12 DIC.
2. 22x12 DIC.
3. 32x16 UP TO DOAS-1 ON ROOF. TRANSITION IN CURB AS NEEDED.

J1 MECHANICAL PLAN - ENLARGED SECOND FLOOR

1/4" = 1'-0"

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CONTENT:
MECHANICAL PLAN - ENLARGED SECOND FLOOR

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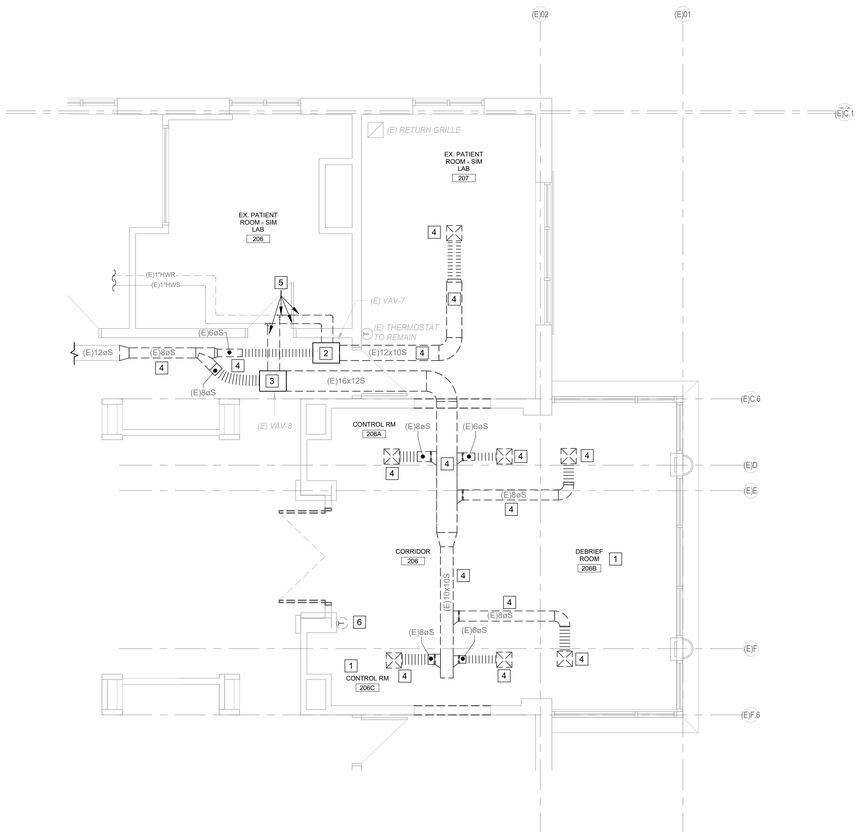
GENERAL DEMOLITION NOTES:

- HYDRONIC SHUTOFF VALVES LOCATED ABOVE RESTROOM 214 ADJACENT TO STAIRWELL.
- ALL WORK IN THIS AREA IS UNDER ADD ALTERNATE #4.



KEYED DEMOLITION NOTES:

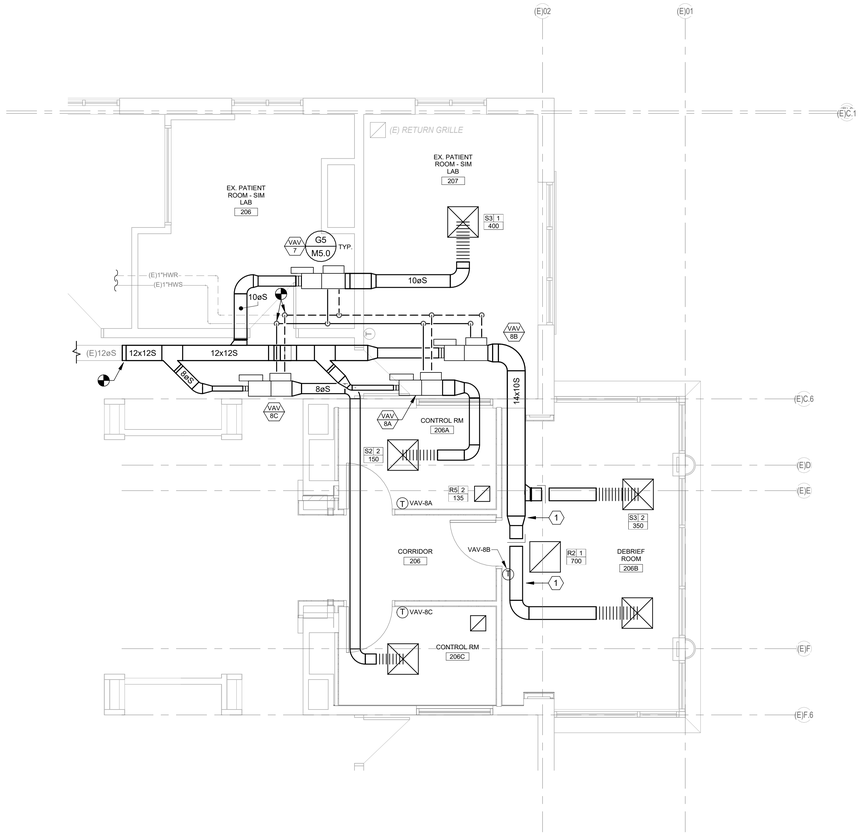
1. REMOVE ALL REGISTERS, GRILLES, AND DIFFUSERS, IN THIS SPACE AND EXISTING CEILING AND SOFFITS TO INCLUDE ALL SUPPORTS.
2. REMOVE (E) VAV BOX AND HOLD FOR RELOCATING, INCLUDING COIL CONNECTION APPURTENANCES AND SUPPORTS.
3. REMOVE (E) VAV BOX COMPLETE TO INCLUDE ALL SUPPORTS, CONTROLS, AND COIL CONNECTIONS.
4. REMOVE (E) DUCTWORK COMPLETE, TO INCLUDE ALL SUPPORTS, ACCESSORIES, AND RGD'S.
5. REMOVE (E) HWS & HWR PIPING COMPLETE, TO INCLUDE ALL HANGERS AND SUPPORTS.
6. REMOVE (E) THERMOSTAT AND CONTROLS COMPLETE, TO INCLUDE ALL WIRING.

J1 MECHANICAL DEMOLITION PLAN - ENLARGED SECOND FLOOR CONTROLS

1/4" = 1'-0"

GENERAL NOTES:

- RETURN GRILLES IN THIS AREA ARE PLENUM RETURN.
- ALL WORK IN THIS AREA IS UNDER ADD ALTERNATE #4.



KEYED NOTES:

1. COORDINATE DUCTWORK WITH STRUCTURE AND TRANSITION AS REQUIRED.

J8 MECHANICAL PLAN - ENLARGED SECOND FLOOR CONTROLS

1/4" = 1'-0"

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CONTENT:
MECHANICAL PLAN - ENLARGED SECOND FLOOR CONTROLS

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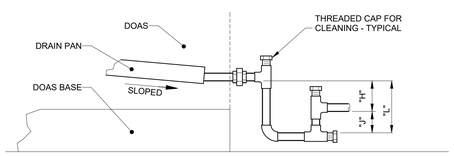
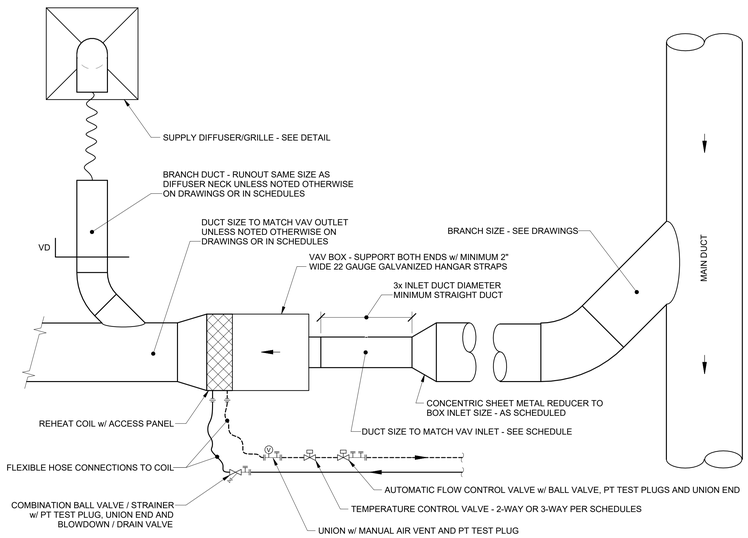


NOTES:

1. PVC TRAP - MATCH SIZE OF DRAIN PAN TAPPING.
2. L = H + J + PIPE DIAMETER
   H = 1 INCH FOR EACH INCH OF NEGATIVE PRESSURE PLUS 1" WITH LOADED FILTERS.
   J = 1/2 H
3. PITCH DRAIN PIPE TO NEARBY FLOOR DRAIN OR UPC COMPLIANT LOCATION.

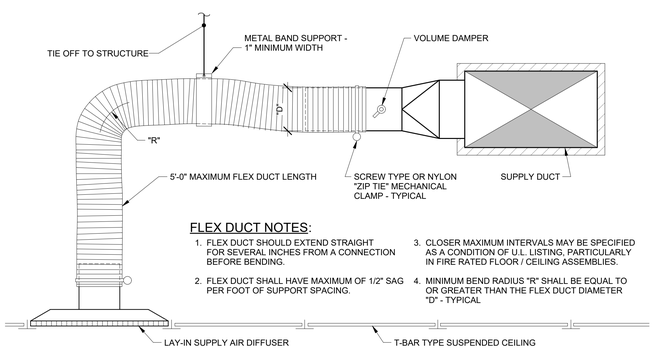
G1 | DOAS CONDENSATE PIPING

NOT TO SCALE



G5 | SUPPLY VAV BOX SCHEMATIC - WITH REHEAT COIL (ADD ALTERNATE #4)

NOT TO SCALE

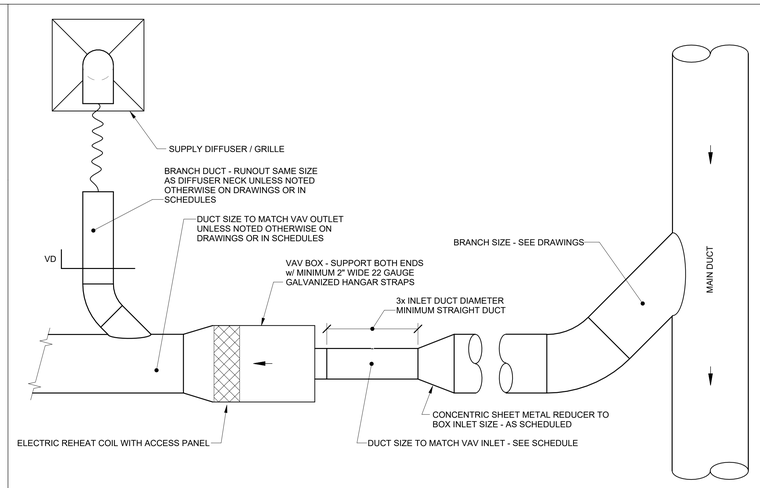


FLEX DUCT NOTES:

1. FLEX DUCT SHOULD EXTEND STRAIGHT FOR SEVERAL INCHES FROM A CONNECTION BEFORE BENDING.
2. FLEX DUCT SHALL HAVE MAXIMUM OF 1/2" SAG PER FOOT OF SUPPORT SPACING.
3. CLOSER MAXIMUM INTERVALS MAY BE SPECIFIED AS A CONDITION OF U.L. LISTING, PARTICULARLY IN FIRE RATED FLOOR / CEILING ASSEMBLIES.
4. MINIMUM BEND RADIUS "R" SHALL BE EQUAL TO OR GREATER THAN THE FLEX DUCT DIAMETER "D" - TYPICAL

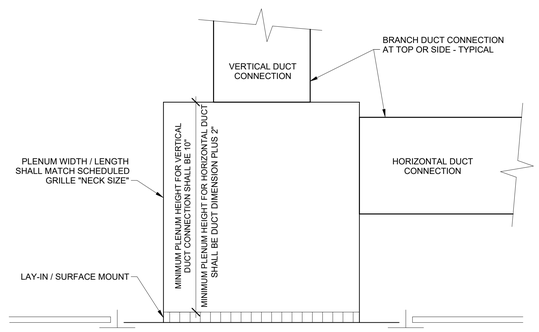
J1 | SUPPLY AIR BRANCH CONNECTION (TYP.)

NOT TO SCALE



J6 | SUPPLY VAV BOX SCHEMATIC - WITH ELECTRIC REHEAT COIL

NOT TO SCALE



J11 | RETURN AIR REGISTER BOOT DIAGRAM (TYP.)

NOT TO SCALE

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NO.	DESCRIPTION	DATE

CONTENT: MECHANICAL DETAILS

DRAWN BY:	Author
PROJECT NO:	25-061-00
DATE:	04/24/2026
REVISED:	
SCALE:	AS NOTED

M5.0

Project Phase
CONSTRUCTION DOCUMENTS

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SINGLE DUCT AIR TERMINAL SCHEDULE

TAG	SERVES	PRICE SDV	INLET SIZE	CFM MIN	HEATC FM	CFM MAX	OUTLET SIZE	MAX RAD. & DISCH. NC	A.P. D.. AT MAX COOLING	COIL MBH	KW	MODULATING	ELEC	EAT	LAT
VAV--1-1	MEN'S SHOWER AND CHANGING	SDV	8	370	420	690	12 x 10	28	0.75	11259.6	3.3	SCR	208/3	70	95
VAV--1-2	WOMEN'S SHOWER AND CHANGING	SDV	9	410	420	740	14 x 12	20	0.75	11259.6	3.3	SCR	208/3	70	95
VAV--1-3	CORRIDOR 1	SDV	4	60	110	110	12 x 8	22	0.75	5118.0	1.5	SCR	208/3	70	113
VAV--2-1	HEALTH ASSESSMENT	SDV	12	1000	680	1740	16 x 15	21	0.75	26954.8	7.9	SCR	208/3	70	95
VAV--2-2	CORRIDOR 2	SDV	4	75	110	150	12 x 8	29	0.75	5118.0	1.5	SCR	208/3	70	113
VAV--2-3	DEBRIEF	SDV	7	220	240	440	12 x 10	24	0.75	6482.8	1.9	SCR	208/3	70	95

NOTES:
1. VAV BOX MANUFACTURER: BOX, AIRFLOW PICKUP, AND ELECTRIC COIL.
2. CONTROL CONTRACTOR: DAMPER ACTUATOR, TRANSFORMERS, AND LOW VOLTAGE WIRING.
3. ELECTRICAL CONTRACTOR; LINE VOLTAGE SIDE OF TRANSFORMERS AND COIL POWER.

REGISTERS - GRILLES - DIFFUSERS (RGD) SCHEDULE

TAG	MFR.	MODEL	TYPE	NECK SIZE	FACE SIZE	MAX CFM	MAX TOTAL P.D. (IN.W.C.)	MAX NC LEVEL
S-1	PRICE	SCD	SQ. CEILING SUPPLY DIFFUSER, ADJUSTABLE	6Ø	24" X 24"	120	0.09"	20
S-2	PRICE	SCD	SQ. CEILING SUPPLY DIFFUSER, ADJUSTABLE	8Ø	24" X 24"	220	0.09"	20
S-3	PRICE	SCD	SQ. CEILING SUPPLY DIFFUSER, ADJUSTABLE	10Ø	24" X 24"	400	0.09"	20
S-4	PRICE	SDS75	LINEAR SLOT, 2 SLOT, 3/4" SLOTS	8Ø	48" X 4.875"	190	0.12"	25
R-1	PRICE	630	ALUM. RETURN, 3/4" SPACING, 45 DEG VANES	10" X 10"	12" X 12"	250	0.06"	19<
R-2	PRICE	630	ALUM. RETURN, 3/4" SPACING, 45 DEG VANES	22" X 22"	24" X 24"	830	0.06"	19<
R-3	PRICE	85	EGG CRATE, 45 DEG VANES	22" X 22"	24" X 24"	1000	0.08"	20
R-4	PRICE	630	ALUM. RETURN, 3/4" SPACING, 45 DEG VANES	8" X 5"	10" X 7"	125	0.09"	20
R-5	PRICE	630	ALUM. RETURN, 3/4" SPACING, 45 DEG VANES	10" X 6"	12" X 8"	150	0.09"	20

INSTALLER SHALL COORDINATE MOUNTING CONDITIONS.
PROVIDE PRICE SDA INSULATED PLENUM OR APPROVED EQUAL FOR LINEAR SLOT DIFFUSERS, PROVIDE DIFFUSERS W/ BLB LIEBERT MATTE BLACK...

R,G, & D ROUND DUCT RUNOUT SIZE SCHEDULE

DUCT SIZE (Ø IN.)	CFM RANGE
4"	TYPICALLY NOT USED
6"	0 ≤ CFM ≤ 100
7"	105 ≤ CFM ≤ 150
8"	150 ≤ CFM ≤ 215
9"	220 ≤ CFM ≤ 295
10"	300 ≤ CFM ≤ 385
12"	390 ≤ CFM ≤ 620
14"	625 ≤ CFM ≤ 950

NOTE: ROUND DUCT RUNOUT SIZES, UNLESS NOTED OTHERWISE IN DOCUMENTS

ELECTRIC HEATER SCHEDULE

TAG	SERVES	TYPE	INDEECO MODEL	ELEC	WATTS	AMPS	CFM	BTUH
EH-1	VESTIBULE	WALL	932	208/1/60	3,000	14.5	100	10,239
EH-2	STORAGE	WALL	932	208/1/60	1,500	7.2	100	5,120
EH-3	STAIRS	WALL	932	208/3/60	5,000	15	250	17,065

NOTES: HEATERS SHALL BE WALL MOUNTED AS INDICATED.
PROVIDE FACTORY DISCONNECT SWITCHES
WALL UNITS: PROVIDED UNIT MOUNTED THERMOSTAT.
CEILNG UNITS: PROVIDE WALL MOUNTED THERMOSTAT & RECESS TRIM KIT

SUPPLY AIR TERMINAL SCHEDULE - HYDRONIC HEAT (ADD ALTERNATE #4)

TAG	SERVES	MFR	MODEL	INLET SIZE	MAX. SUPPLY CFM	MIN. SUPPLY CFM	MAX APD (IN. WG.)	BTUH	GPM	FLUID	WPD (FT-HD)	EWT (°F)	HW ▲T (°F)	EAT (°F)	LAT (°F)
VAV--8C	CONTROL RM 206C	PRICE	SDV	4"	150	90	0.42"	6,480	0.5	WATER	1.0	140	25	55	95
VAV--8B	DEBRIEF ROOM 206B	PRICE	SDV	8"	700	350	0.54"	30,240	2.5	WATER	1.0	140	25	55	95
VAV--8A	CONTROL RM 206A	PRICE	SDV	4"	150	90	0.42"	6,480	0.5	WATER	1.0	140	25	55	95

NOTE: HW COILS ARE SIZED FOR ENTERING WATER TEMP OF 140°F, BUT CURRENT EWT = 190°F.

DEDICATED OUTSIDE AIR UNIT SCHEDULE

GENERAL	**UNIT NO.**	**DOAS-1**
	SERVICE	BUILDING VENTILATION
	LOCATION	ROOF
	MANUFACTURER	ADDISON
	MODEL	PROH 240
	TYPE	OUTSIDE AIR UNIT
	DISCHARGE ORIENTATION	VERTICAL SUPPLY & RETURN
	WEIGHT (LBS) W/CURB	5,500
ELECTRICAL	VOLTAGE	208-3-60
	UNIT MCA / MFS	120.7 / 150
	VFD'S FURNISHED BY	MANUFACTURER
	SD INSTALLED IN DUCT BY	DIV 23
	SD WIRED TO HVAC CONTROLS...	DIV 23
	SD WIRED TO FIRE ALARM BY	DIV 26
SUPPLY FAN	**SUPPLY AIRFLOW, CFM**	**3,450**
	PEAK OUTSIDE AIRFLOW, cfm	3,450
	% OA	100%
	ESP, in.wc.	1.5
	MAX-BHP	2.31
	MOTOR HP	3
	TYPE	ECM, DIRECT DRIVE
EXHAUST FAN	**EXHAUST AIRFLOW, CFM**	**3,450**
	ESP, in.wc.	1.25
	MAX-BHP	1.93
	MOTOR HP	3
	TYPE	ECM, DIRECT DRIVE
ENERGY RECOVERY	TYPE	WHEEL
	SUMMER OA DB/WB	95.8 / 79.7
	SUMMER RA DB/WB	75 / 67
	SUMMER SA DB/WB	81.4 / 76.1
	SUMMER TOTAL CAPACITY, MBH	53.50
	SUMMER SENSIBLE /...	72.2 / 32.1
	WINTER OA DB	-15
	WINTER RA DB	70
	WINTER SA DB	43.7
	WINTER TOTAL CAPACITY, MBH	218.60
	WINTER SENSIBLE /...	72.2 / 52.2
	FROST CONTROL	MOD. WHEEL
	EW OA BYPASS DAMPER	YES
COOLING COIL	ENT. AIR, DB/WB	81.4 / 76.1
	LVG. AIR, DB/WB	52.3 / 52.2
	GROSS / NET TOTAL MBH	271 / 267.2
	GROSS / NET SENSIBLE MBH	108.3 / 104.5
	FACE AREA, SQ FT	16
	COIL FACE VELOCITY FPM	215
	FLUID	R-454B
	FINS PER INCH	12
	ROWS	6
HOT GAS REHEAT	TYPE	FULLY MODULATING
	CAPACITY, MBH	80.1
	MAX LAT °F DB / WB	73.4 / 60.5
PRIMARY HEAT	TYPE	HEAT PUMP
	TOTAL CAPACITY, MBH @ 0°F	172.2
	EAT °F	43.7
	LAT °F	89.9
	COP	3.1
SECONDARY HEAT	TYPE	NATURAL GAS
	INPUT / OUTPUT CAPACITY, MBH	250 / 202.5
	EAT °F	25
	LAT °F	79.3
	MODULATING	10:1
FILTERS (SUPPLY)	TYPE	MERV 8
FILTERS (OUTSIDE...	TYPE	2" MERV 8 & 4" MERV 14
FILTERS (RETURN)	TYPE	MERV 8

PROVIDE THE FOLLOWING:
1. PROVIDE FUSED DISCONNECT
2. PROVIDE 24"-30" INSULATED ROOF CURB.
3. FACTORY WIRED CONVENIENCE OUTLET
4. HOT GAS BYPASS FROSTSHIELD
5. CLOGGED FILTER INDICATOR & CONDENSAT OVREFLOW SWITCH

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CONTENT:
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PROJECT NOTES

1. THE SCOPE OF WORK SHALL INCLUDE PROVIDING ALL WORK INDICATED UNLESS OTHERWISE SPECIFICALLY INDICATED AS EXISTING OR WORK BY OTHERS, AND COORDINATION WITH ALL TRADES SCOPE OF WORK AS INDICATED ON THE CONTRACT DOCUMENTS INCLUDING BOTH THE DRAWINGS AND THE SPECIFICATIONS, WHICH ARE COMPLIMENTARY. WORK REQUIREMENTS INDICATED IN ANY CONTRACT DOCUMENT SHALL BE CONSIDERED PART OF THE SCOPE OF WORK, UNLESS SPECIFICALLY INDICATED AS EXISTING OR WORK BY OTHERS.
2. IN GENERAL, WORK REQUIREMENTS ARE NOT INDICATED IN BOTH DOCUMENTS. WHERE DOCUMENTS CONFLICT WITHIN THEMSELVES OR WITH CODES AND REGULATIONS. PROVIDE THE HIGHER QUANTITY AND QUALITY AND FOLLOW THE STRICTER REQUIREMENTS.
3. WORK AT A MINIMUM SHALL BE IN ACCORDANCE WITH OSHA, NFPA STANDARDS, THE ELECTRICAL CODE AND THE LOCAL GOVERNING AUTHORITIES. THE DRAWINGS AND SPECIFICATIONS DO NOT ATTEMPT TO INDICATE ALL WORK REQUIRED BY CODE AND AUTHORITIES. DO NOT INSTALL WORK THAT DOES NOT MEET THE MINIMUM REQUIREMENTS. IF NECESSARY, REQUEST CLARIFICATION FROM ARCHITECT AND ENGINEER BEFORE PROCEEDING.
4. ALL EQUIPMENT SHALL BE INSTALLED IN A NEAT AND PROFESSIONAL MANNER. RECTILINEAR TO BUILDING STRUCTURE.
5. ALL COMPONENTS SHOWN ON THE RISER DIAGRAMS OR DETAILS, BUT NOT ON THE PLAN OR VICE VERSA SHALL BE INCLUDED AS IF SHOWN ON BOTH.
6. IT IS THE INTENT OF THESE PLANS AND SPECIFICATIONS TO PROVIDE A WORKING INSTALLATION IN EVERY DETAIL AND ALL ITEMS REQUIRED FOR SUCH AN INSTALLATION SHALL BE PROVIDED WHETHER OR NOT SPECIFICALLY INDICATED OR MENTIONED.
7. VISIT THE SITE TO DETERMINE PRE-EXISTING CONDITIONS AND WORK NECESSARY PRIOR TO SUBMISSION OF BID PRICE. SUBMIT ANY QUESTIONS REQUIRED TO CLARIFY SCOPE PRIOR TO BID. INCLUDE ALL REQUIRED WORK IN BID PRICE.
8. INCLUDE IN BID WHATEVER IS REQUIRED TO MEET SCHEDULE INCLUDING OVERTIME, EXPRESS SHIPPING, EXPEDITING EQUIPMENT, ETC. PLAN FOR PROJECT AND SUBMIT SHOP DRAWING AND ORDER EQUIPMENT IN A TIMELY MANNER; EQUIPMENT SHALL BE BASED ON THE SPECIFIED EQUIPMENT.
9. ANY EQUIPMENT TO BE SUBSTITUTED SHALL BE IDENTIFIED AT THE TIME OF BID. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS FOR SUBSTITUTIONS.
10. ALL ELECTRICAL DEVICES, WHEN INSTALLED, SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. COVER PLATES SHALL BE INSTALLED AFTER FINISH MATERIALS HAVE BEEN APPLIED.
11. TEST ALL EQUIPMENT AND SYSTEMS INSTALLED TO CERTIFY COMPLIANCE WITH DRAWINGS, SPECIFICATIONS, CODES, LOCAL AUTHORITIES AND REGULATIONS, INCLUDE LABOR AND COSTS FOR TESTING, REVIEWS, COMMISSIONING, APPROVALS AND CERTIFICATIONS.
12. PROVIDE TRAINING TO OWNER ON ALL EQUIPMENT AND SYSTEMS INSTALLED.
13. TEMPORARY LIGHTING AND POWER SHALL BE PROVIDED AS REQUIRED BY OSHA, CODES AND LOCAL AUTHORITIES. REMOVE ALL TEMPORARY FACILITIES PROVIDED AT PROJECT COMPLETION.

INSTALLATION COORDINATION NOTES

1. PRIOR TO ROUGH-IN OF ELECTRICAL PROVISIONS FOR OWNER FURNISHED EQUIPMENT AND EQUIPMENT PROVIDED BY OTHER TRADES, COORDINATE WITH THE GENERAL CONTRACTOR, EQUIPMENT SHOP DRAWINGS AND APPLICABLE EQUIPMENT INSTALLER FOR EXACT LOCATION AND WIRING REQUIREMENTS. PROVIDE ALL NECESSARY EQUIPMENT, WIRING AND ACCESSORIES FOR A COMPLETE INSTALLATION. MAKE ALL FINAL CONNECTIONS AS REQUIRED, I.E. POWER, CONTROL, INTERLOCK, ETC.
2. DISCONNECT, REMOVE, RELOCATE, AND RECONNECT ELECTRICAL CONDUIT, WIRING, DEVICES, BOXES, FIXTURES, EQUIPMENT, ETC. AS INDICATED AND AS REQUIRED TO FACILITATE THE WORK OF DIVISION 26 AND OTHER DIVISIONS. THESE DRAWINGS ARE NOT INTENDED TO INDICATE ALL ITEMS TO BE REMOVED.
3. ELECTRICAL EQUIPMENT, RACEWAYS AND OUTLETS MOUNTED TO AND OR INSTALLED IN OWNER FURNISHED FURNITURE SHALL BE COORDINATED WITH THE EQUIPMENT AND FURNITURE INSTALLERS AND THE GENERAL CONTRACTOR PRIOR TO ROUGH-IN. EXCEPT WHERE INDICATED OR REQUIRED OTHERWISE.
4. THE LOCATION OF EQUIPMENT, OUTLETS, ETC. AS GIVEN ON THE DRAWINGS IS APPROXIMATE. IT SHALL BE UNDERSTOOD THAT THESE LOCATIONS ARE SUBJECT TO MODIFICATION AS MAY BE FOUND NECESSARY OR DESIRABLE AT THE TIME OF INSTALLATION IN ORDER TO MEET PROJECT REQUIREMENTS. SUCH CHANGES SHALL BE MADE WITHOUT EXTRA CHARGE.
5. IF EXACT LOCATION, MOUNTING OR RACEWAY ROUTING ARE NOT INDICATED OR ARE NOT CLEAR OR CONFLICT (LOCATION OR HEIGHT) COORDINATE WITH OTHER TRADES AND REQUEST CLARIFICATION PRIOR TO ROUGH-IN OR INSTALLATION. DRAWINGS ARE DIAGRAMMATIC ONLY. EXACT LOCATION, MOUNTING HEIGHTS OR EQUIPMENT AND ROUTING OF RACEWAYS SHALL BE COORDINATED WITH THE EQUIPMENT REQUIREMENTS AND FIELD CONDITIONS.
6. WHERE LOADS ARE ADDED TO EXISTING BRANCH CIRCUITS, VERIFY THAT THE EXISTING CIRCUITS HAVE ADEQUATE CAPACITY TO SUPPORT THE ADDITIONAL LOAD WITHOUT EXCEEDING SPECIFIED MAXIMUM LOAD.
7. UNLESS OTHERWISE DIRECTED, PROVIDE ALL NEW POWER DISTRIBUTION EQUIPMENT WITH AIC RATINGS THAT MATCH OR EXCEED THE AIC RATING OF THE NEXT ACTIVE EXISTING UPSTREAM OVER-CURRENT PROTECTIVE DEVICE SERVING THE PANEL WHEN SERVED DIRECTLY BY ITS SOURCE (E.G. NO TRANSFORMER) OR PROVIDE AIC RATING THAT EXCEEDS BY 10% THE MAXIMUM LET THROUGH FAULT CURRENT (UNDER INFINITE PRIMARY BUSS) OF THE NEXT ACTIVE UPSTREAM TRANSFORMER (EXISTING OR NEW) SERVING THE RESPECTIVE PANEL.
8. ALL NEW PANELS SHALL BE FULLY RATED FOR THE DESIGNATED AIC VALUE; PANELS UTILIZING SERIES RATINGS WILL NOT BE ACCEPTABLE. NEW CIRCUIT BREAKERS PROVIDED IN EXISTING PANELS SHALL BE PROVIDED WITH AIC RATINGS THAT MATCH OR EXCEED THE HIGHEST RATED OVER-CURRENT PROTECTIVE DEVICE WITHIN THE RESPECTIVE EXISTING PANEL.
9. SUBMIT SHORT CIRCUIT STUDY WITH POWER DISTRIBUTION EQUIPMENT SUBMITTALS FOR REVIEW AND APPROVAL. IN THE STUDY DEMONSTRATE THAT THE AIC RATING SELECTIONS ARE PROPERLY INTEGRATED AND COORDINATED WITH THE EXISTING AND NEW POWER DISTRIBUTION EQUIPMENT. CONFIRM THAT THE AIC RATING SELECTIONS HAVE INCORPORATED THE AVAILABLE FAULT DUTY VALUES OBTAINED FROM THE UTILITY COMPANY FOR THE PROJECTS ELECTRICAL SERVICE POINT OF COMMON COUPLING.
10. SUBMIT OVER-CURRENT PROTECTIVE DEVICE COORDINATION STUDY, FOR ALL NEW POWER DISTRIBUTION EQUIPMENT, WITH THE POWER DISTRIBUTION EQUIPMENT SUBMITTALS FOR REVIEW AND APPROVAL. INCLUDE THE NEXT ACTIVE EXISTING UPSTREAM OVER-CURRENT PROTECTIVE DEVICES, IN THE STUDY ANALYSIS, WHEN PROJECT IS WITHIN AN EXISTING FACILITY.
11. SUBMIT ARC FLASH REPORT, FOR ALL NEW POWER DISTRIBUTION EQUIPMENT, WITH POWER DISTRIBUTION EQUIPMENT SUBMITTALS FOR REVIEW AND APPROVAL.

WIRING NOTES

1. UNLESS OTHERWISE INDICATED ON PLANS OR IN SPECIFICATIONS; ALL CONDUCTORS, POWER DISTRIBUTION EQUIPMENT BUSSING AND TRANSFORMER WINDINGS SHALL BE FABRICATED OF 98% CONDUCTIVE COPPER MATERIAL.
2. WIRING IS INDICATED ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
3. BRANCH CIRCUIT WIRING NOT SHOWN. CIRCUITING SHALL IN ACCORDANCE WITH APPLICABLE CODES AND STANDARD PRACTICE. PROVIDE A 20A, 1P CIRCUIT BREAKER FOR EACH LIGHTING AND RECEPTACLE CIRCUIT UNLESS OTHERWISE INDICATED OR NOTED. CONNECT NO MORE THAN SIX DUPLEX CONVENIENCE RECEPTACLES PER BRANCH CIRCUIT. CONNECTED LOAD ON LIGHTING CIRCUITS SHALL NOT EXCEED 12 AMPS.
4. ALL WIRING SHALL BE RUN CONCEALED UNLESS SPECIFIED OTHERWISE. ALL EXPOSED WIRING INCLUDING THAT WHICH IS INSTALLED ABOVE BUT IS VISIBLE FROM BELOW, PARTIALLY OR FULLY OPEN CEILING, SHALL BE INSTALLED IN CONDUIT OR RACEWAYS. REFER TO SPECIFICATIONS FOR ACCEPTABLE WIRING METHODS.
5. WIRING AND CONDUIT SHALL BE REQUIRED FOR ALL SWITCHES, AND OUTLETS INDICATED WITH CIRCUIT NUMBERS. PROVIDE ¾" CONDUIT , 3#12 UNLESS OTHERWISE INDICATED (1 PHASE, 1 NEUTRAL AND 1 GROUND). WIRE AND CONDUIT SIZES ON HOME RUNS SHALL BE CONTINUOUS THROUGHOUT CIRCUIT, REFER TO VOLTAGE DROP CHART ON SCHEDULE SHEET. ALTHOUGH ALL BRANCH CIRCUIT WIRE AND CONDUIT IS NOT SHOWN, IT IS THE INTENT OF THESE DOCUMENTS THAT A COMPLETE BRANCH CIRCUIT WIRING SYSTEM BE INSTALLED.
6. RACEWAYS SHALL BE LIMITED TO SIX CURRENT CARRYING CONDUCTORS (PHASE AND NEUTRALS) AND GROUNDING CONDUCTOR. PROVIDE A DEDICATED NEUTRAL CONDUCTOR FOR EACH SINGLE-PHASE RECEPTACLE OR LIGHTING CIRCUIT, UNLESS OTHERWISE INDICATED OR IF AN OVERSIZED NEUTRAL IS SPECIFIED. CIRCUITS WITH SHARED NEUTRALS SHALL BE PROVIDED WITH CIRCUIT BREAKERS THAT HAVE A COMMON TRIP (E.G. FURNITURE WHIPS)
7. MARK ALL CONDUITS AND JUNCTION BOXES WITH PERMANENT MARKER INDICATING PANEL AND CIRCUIT NUMBER OF CONDUCTORS CONTAINED WITHIN. LABEL WHERE CONDUITS ENTER PANELS, WIRE WAYS, PULL BOXES, ETC. LABEL EMPTY CONDUITS WITH SYSTEM (VOICE, DATA, SECURITY, ETC.) AND SOURCE OF CONDUIT.
8. COORDINATE WITH OWNER TO DETERMINE WHICH RECEPTACLES AND ITEMS OF EQUIPMENT REQUIRE STANDBY GENERATOR POWER.
9. ELECTRICAL WORK NOT SERVING STAIRWELLS SHALL NOT PASS THROUGH A STAIR ENCLOSURE UNLESS AN APPROVED RATED SOFFIT IS PROVIDED TO MAINTAIN FIRE AND SMOKE RATING.
10. ALL RACEWAYS CROSSING EXPANSION JOINTS SHALL BE EQUIPPED WITH EXPANSION FITTINGS.
11. PROVIDE WATERTIGHT AND GAS TIGHT SEALS INSIDE AND OUTSIDE OF CONDUITS THAT PENETRATE THE BUILDING BELOW GRADE. O.Z. GEDNEY OR APPROVED EQUAL. PROVIDE WEATHER TIGHT SEAL AT PENETRATIONS ABOVE GRADE.
12. PROVIDE NRTL LISTED SMOKE AND FIRE SEALS AT ALL PENETRATIONS THROUGH FLOORS OR FULL HEIGHT (FLOOR TO FLOOR) WALLS.

SYSTEM POWER WIRING NOTES

1. ALL VIDEO PROJECTOR, CAMERA AND MONITOR POWER OUTLETS AND THEIR ASSOCIATED COMPUTER POWER OUTLETS FEEDING THE VIDEO SOURCE ARE TO BE CONNECTED TO THE SAME PHASE TO ELIMINATE THE POTENTIAL FOR VIDEO INTERFERENCE BETWEEN VIDEO SOURCE AND EQUIPMENT. COORDINATE ALL POWER WIRING FOR SYSTEM EQUIPMENT WITH THE SYSTEM INSTALLER PRIOR TO INSTALLATION

RECEPTACLE COLOR CODE NOTES

UNLESS OTHERWISE INDICATED PROVIDE 20A HEAVY DUTY GRADE RECEPTACLES WITH COLOR CODE AS FOLLOWS:

1. ON GENERATOR POWER – RED
2. ON UPS POWER – BLUE
3. ISOLATED GROUND – ORANGE
4. ON NORMAL POWER – IVORY OR AS SELECTED BY ARCHITECT

MOUNTING NOTES

1. DO NOT SCALE THE DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS AND EXISTING CONDITIONS FOR EXACT DIMENSIONS.
2. INSTALL ALL ELECTRICAL DEVICES (FIRE ALARM, SWITCHES, RECEPTACLES, WORK BOXES, JUNCTION BOXES, EXIT SIGNS, LUMINAIRES, ETC.) IN THE LOCATIONS IDENTIFIED OR DIMENSIONS ON THE ARCHITECTURAL PLANS, DETAILS, OR ELEVATIONS.
3. IF THE DEVICE LOCATION IS NOT SPECIFICALLY SHOWN ON ARCHITECTURAL DRAWINGS, FOLLOW THE GUIDELINES LISTED BELOW:
4. INSTALL NEARBY DEVICES ON ONE COMMON VERTICAL CENTERLINE
5. INSTALL ADJACENT TO DEVICES LINED UP WITH A COMMON BOTTOM LINE.
6. INSTALL DEVICES AT INDICATED HEIGHT AS APPLICABLE UNLESS OTHERWISE NOTED. ALL MOUNTING HEIGHTS SHALL BE MEASURED FROM FINISHED FLOOR TO CENTERLINE OF DEVICE EXCEPT AS INDICATED BY NOTE 7.
7. ON MASONRY WALLS LINE UP THE BOTTOM OF THE DEVICE WITH A MASONRY JOINT AS CLOSE TO THE INDICATED HEIGHT AS PRACTICAL.
8. INSTALL DEVICES IN SAME AREA AT THE SAME HEIGHT.
9. MOUNT PANELS SIX FEET TO THE TOP OF THE PANEL OR ANNUNCIATOR/ FA GRAPHIC.
10. MOUNT AT 8 FOOT TO BOTTOM FOR SIGNAGE, EMERGENCY LIGHTING, CLOCKS, SECURITY SENSORS, WALL MOUNTED OCCUPANCY SENSORS MODIFIED AS FOLLOWS: 4" FROM TOP OF DEVICE TO CEILING AND 4" ABOVE DOOR FRAMES.
11. LOCATE CONTROL DEVISE AT LEAST 18' FROM AN INSIDE CORNER.
12. SUPPORT WORK FROM THE BUILDING STRUCTURE.
13. IN FINISHED AREAS ELECTRICAL WORK SHALL BE INSTALLED CONCEALED, RECESSED INTO WALLS OR INSTALLED ABOVE HUNG CEILINGS UNLESS OTHERWISE INDICATED.
14. DO NOT INSTALL OUTLETS BACK TO BACK. PROVIDE 24' SPACING IN FIRE RATED WALLS.
15. PROVIDE ELECTRICAL OUTLET PLATE GASKETS SEALS AT RECEPTACLES, SWITCHES AND OTHER ELECTRICAL BOXES ON EXTERIOR WALLS AND INTERIOR WALLS BETWEEN CONDITIONED AND NON-CONDITIONED SPACES.

D4 ELECTRICAL GENERAL NOTES

1. REFER TO FLOOR PLANS FOR SCOPE OF WORK AREA. REFER TO ARCHITECTURAL AND MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION ABOUT ELECTRICAL DEMOLITION SCOPE OF WORK AS RELATED TO THEIR RESPECTIVE SYSTEMS.
2. DASHED LINES REPRESENT WALLS SCHEDULED FOR REMOVAL; SOLID LINES REPRESENT WALLS REMAINING OR NEW WALLS.
3. REFER TO LEGEND FOR DEFINITION OF (E), (R), (ER) AND (RL) TAGS.
4. REFER TO NEW CONDITIONS PLANS FOR PROPOSED LOCATIONS OF ANY DEVICES/EQUIPMENT SCHEDULE FOR RELOCATION. PROVIDE REQUIRED SUPPORT COMPONENTS FOR INSTALLATION AT NEW LOCATION. EXTEND CONDUIT AND WIRE FROM EXISTING SOURCE OR LAST MAINTAINED ACTIVE DEVICE TO THE NEW LOCATION AND RE-TERMINATE TO DEVICE/EQUIPMENT.
5. DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES/EQUIPMENT LOCATED ON WALLS SCHEDULED FOR REMOVAL (E.G. LIGHTING, RECEPTACLES, CONTROL DEVICES, SWITCHES, POWER DISTRIBUTION EQUIPMENT, FIRE ALARM DEVICES, COMMUNICATION AND DATA DEVICES, ETC.) UNLESS OTHERWISE SPECIFICALLY NOTED ON THE PLANS.
6. DISCONNECT AND REMOVE ALL WIRING FOR EQUIPMENT, SCHEDULED TO BE REMOVED, BACK TO THE POINT OF CONNECTION OR THE NEXT ACTIVE DEVICE SCHEDULED TO REMAIN. NOTHING SHALL BE ABANDONED IN PLACE.
7. VERIFY ALL EXISTING SOURCES OF POWER TO DEVICES/EQUIPMENT PRIOR TO FINAL REMOVAL.
8. COORDINATE ALL SHUTDOWN PROCEDURES WITH THE OWNER PRIOR TO DISCONNECTING ANY CIRCUITS.
9. ALL DEVICES/EQUIPMENT LOCATED ON WALLS SCHEDULED TO REMAIN SHALL BE MAINTAINED; RECIRCUIT THESE DEVICES/EQUIPMENT AS NECESSARY.
10. WHERE ANY WALL OR SYSTEM COMPONENT REMOVALS IMPACT WIRING TO EXISTING DEVICES/EQUIPMENT SCHEDULED TO REMAIN, PROVIDE WIRING AND CONNECTIONS AS REQUIRED TO RE-FEED THESE DEVICES/EQUIPMENT.
11. PROVIDE BLANK COVER PLATES FOR REMOVED POWER AND COMMUNICATIONS OUTLETS IN EXISTING WALLS THAT ARE SCHEDULED TO REMAIN.
12. THE WORK INCLUDES DISPOSAL OF ALL REMOVED ELECTRICAL DEVICES/EQUIPMENT/CONDUIT/WIRING/BOXES INCLUDING BALLASTS, DRIVERS, LAMPS, THERMOSTATS, ETC. LEGALLY DISPOSE OF ALL HAZARDOUS MATERIALS. COORDINATE WITH THE OWNER TO RECEIVE DIRECTION FOR ANY REMOVED DEVICES/EQUIPMENT THAT THE OWNER WOULD LIKE TO RETAIN; CAREFULLY DISCONNECT AND REMOVED THEM THEN RELOCATE THEM TO A LOCATION ON SITE DESIGNATED BY THE OWNER.
13. THE ELECTRICAL DEMOLITION FLOOR PLANS REPRESENT THE GENERAL SCOPE AND ARE NOT INTENDED TO SHOW ALL EXISTING EQUIPMENT, WIRING, CONDUITS, BOXES, DEVICES, OR FIXTURES. SURVEY THE WORK AREA AND VERIFY/IDENTIFY IN FIELD ALL DEVICES/EQUIPMENT AND RELATED COMPONENTS PLANNED FOR REMOVAL. COORDINATE WITH OWNER, ARCHITECT OR ENGINEER FOR DEMOLITION SCOPE CLARIFICATION AS NEEDED PRIOR TO REMOVING ITEMS IN QUESTION.
14. COORDINATE, IN FIELD, WITH OTHER TRADES AND THEIR SYSTEM COMPONENTS SCHEDULED FOR REMOVAL TO ENSURE ANY RELATED POWER HAS BEEN PROPERLY DISCONNECTED, REMOVED AND MADE SAFE PRIOR TO THEIR RELATED DEMOLITION SCOPE.
15. LIGHTING REMOVALS INCLUDE, BUT ARE NOT LIMITED TO INTERIOR LINEAR FIXTURES AND EXTERIOR WALL MOUNTED FIXTURES AS WELL AS THEIR RELATED CONTROL DEVICES AND WIRING.
16. PROVIDE UPDATED PANEL DIRECTORIES INDICATING NEW LOADS AND SPARES FOR LOADS THAT HAVE BEEN REMOVED. TURN TO THE OFF POSITION ANY CIRCUIT BREAKERS THAT ARE NOT CONNECTED TO A LOAD. PROVIDE PLUGS IN EXISTING PANEL ENCLOSURES WHERE OPENINGS HAVE BEEN LEFT DUE TO REMOVED CONDUITS OR WRING AND PROVIDE BLANKING PLATES IN PANELS WHERE BREAKERS HAVE BEEN REMOVED OR DO NOT EXIST.

F4 ELECTRICAL REMOVALS NOTES

A	AMPERE
AC	ALTERNATING CURRENT
AF	ARC FAULT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
AIC	AMPERES INTERRUPTING CAPACITY
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BAS	BUILDING AUTOMATION SYSTEM
BKBD	BACKBOARD
C	CONDUIT
CAT	CATALOG, CATEGORY
CATV	CABLE TV
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CM	CIRCULAR MILS
COMM	COMMUNICATIONS
CU	MECH CONDENSING UNIT
CU	COPPER
CUH	CABINET UNIT HEATER
DC	DIRECT CURRENT
DDC	DIGITAL DIRECT CONTROL
DN	DOWN
DW	DISHWASHER
DWG	DRAWING
EF	EXHAUST FAN
ELEV	ELEVATOR
EMT	ELECTRICAL METALLIC TUBING
EP	EXPLOSION PROOF
ERU	ENERGY RECOVERY UNIT
EWC	ELECTRIC WATER COOLER
FACP	FIRE ALARM CONTROL PANEL
FB	FLOOR BOX
FLA	FULL LOAD AMPS
FWE	FURNISHED WITH EQUIPMENT
G, GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTION
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTO SELECTOR SWITCH
HP	HORSEPOWER
HVAC	HEATING, VENTILATION AND COOLING UNIT
IDS	INTRUSION DETECTION SYSTEM
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
IR	INFRARED
K	KILO
KCMIL	KILO CIRCULAR MILS
KW	KILOWATT
KVA	KILO VOLT-AMPS
LAN	LOCAL AREA NETWORK
LC	LIGHTING CONTACTOR
LF	LINEAR FEET
LC	LOADCENTER
LCP	LIGHTING CONTROL PANEL
LED	LIGHT EMITTING DIODE
LTG	LIGHTING
LTS	LIGHTS
MAX	MAXIMUM
MCB	MAIN CIRCUIT BREAKER
MECH	MECHANICAL
MH	MOUNTING HEIGHT

MC	MICROPHONE
MW	MICROWAVE
MLO	MAIN LUG ONLY
MT	MOUNT
MTS	MANUAL TRANSFER SWITCH
MCP	MOTOR CONTROL PANEL
MH	METAL HALIDE
MDP	MAIN DISTRIBUTION PANEL
MIN	MINIMUM
N	NEUTRAL
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NF	NON-FUSED
NO	NORMALLY OPEN
NO., #	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OCC	OCCUPANCY
OH	OVERHEAD
P	POLE
PA	PUBLIC ADDRESS
PB	PULLBOX
PH,	PHASE
PIR	PASSIVE INFRARED
PNL	PANELBOARD
P/O	PART OF
PV	PHOTOVOLTAIC
PVC	POLY-VINYL CHLORIDE
REC RECEPT	RECEPTACLE
REF	REFRIGERATOR
RF	RETURN FAN
RGS	RIGID GALVANIZED STEEL
RM	ROOM
RMC	RIGID METAL CONDUIT
RTU	ROOFTOP UNIT
REF	REFRIGERATOR
SF	SUPPLY FAN
SPDT	SINGLE POLE, DOUBLE THROW
SQ	SQUARE
TEL	TELEPHONE
TP	TAMPERPROOF
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TYP	TYPICAL
UF	UNDER FLOOR
UG	UNDERGROUND
UH	UNIT HEATER
UL	UNDERWRITER'S LABORATORY
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTIBLE POWER SUPPLY
V	VOLTS
VFD	VARIABLE FREQUENCY DRIVE
VIF	VERIFY IN FIELD
W	WATT
WP	WEATHERPROOF
WG	WIREGUARD
XFMR	TRANSFORMER
(E)	EXISTING ITEM TO REMAIN
(R)	REMOVE ITEM AND DISPOSE OF PROPERLY
(ER)	RELOCATED ITEM AT NEW LOCATION
(RL)	REMOVE AND RELOCATE

J1 ABBREVIATIONS

- PANELBOARD ~ FLUSH MOUNTED
- PANELBOARD ~ SURFACE MOUNTED
- DISCONNECT SWITCH
- CABLE TRAY
- MOTOR OR FAN
- J — JUNCTION BOX, CEILING OR WALL MOUNTED. MAKE CONNECTION TO RESPECTIVE EQUIPMENT. COORDINATE EXACT TERMINATION POINT IN FIELD OR THROUGH APPROVED SUBMITTALS.
- T# — TRANSFORMER ~ SEE TRANSFORMER SCHEDULE
- INDICATES DEDICATED CIRCUIT OR HOMERUN BACK TO RESPECTIVE PANEL ~ (2)#12+(1)#12G UNO. REFER TO EQUIPMENT SCHEDULES AND PANELBOARD SCHEDULES FOR ADDITIONAL INFORMATION.
- P — DIVIDED POWER POLE FOR SYSTEM FURNITURE POWER AND DATA WIRING
- P — MOTORIZED DOOR OPERATOR AND PUSH PADDLE ~ FURNISHED BY DIVISION 08, WIRED BY DIVISION 26
- CB — ENCLOSED CIRCUIT BREAKER
- ATS — AUTOMATIC TRANSFER SWITCH
- #V/D SF — SYSTEMS FURNITURE FEED WITH WHIPS, WALL MOUNT OR MOUNTED AT POWER POLE WHERE INDICATED ~ PROVIDE SINGLE GANG JUNCTION BOX 18" AFF FOR POWER; PROVIDE DOUBLE GANG JUNCTION BOX 18" AFF WITH EMPTY 1"CONDUIT WITH PULLSTRING FOR VOICE/DATA CABLING UP TO 6" ABOVE NEAREST ACCESSIBLE CEILING
- TPS — TRIPLE SWITCH FOR MANUAL TRANSFER FROM PERMANENT GENERATOR TO TEMPORARY ROLL-UP GENERATOR WITH CONNECTION (CAM-LOK) PROVISIONS FOR ROLL-UP UNIT (ESL OR EQUAL)
- PH — IN-GRADE PULL HOLE, REFER TO PLANS FOR REQUIRED SIZE
- $\$_M$ — MOTOR RATED SWITCH WITH THERMAL OVERLOAD PROTECTION

J4 POWER DISTRIBUTION

SINGLE RECEPTACLES

- LP RC 30" — SPECIAL RECEPTACLE ~ REFER TO SPECIAL RECEPTACLE SCHEDULE FOR AMPACITY, NEMA CONFIGURATION, WIRE SIZE AND ADDITIONAL RELATED INFORMATION FOR ASSOCIATED LETTER
- OVERHEAD SPECIAL RECEPTACLE DROP ~ REFER TO SPECIAL RECEPTACLE SCHEDULE FOR AMPACITY, NEMA CONFIGURATION, WIRE SIZE AND ADDITIONAL RELATED INFORMATION FOR ASSOCIATED LETTER

NOTES:

1. PROVIDE MATCHING CORD AND PLUG FOR SINGLE RECEPTACLES
2. MOUNT EXTERIOR RECEPTACLES WITH CENTERLINE 24" AFG UNO
3. MOUNT RECEPTACLES WITH CENTERLINE 18" AFF UNO. (30") INDICATES DEVICE MOUNTING HEIGHT WHEN NOT MOUNTED AT 18".

FLOOR AND CEILING DEVICES

- OVERHEAD RECEPTACLE DROP, DOUBLE DUPLEX CR= CORD REEL

RECEPTACLES

- DUPLEX RECEPTACLE ~ 20A, 125V, 2P, 3W, NEMA 5-20R
- DOUBLE DUPLEX RECEPTACLE
- GFCI DUPLEX RECEPTACLE, MOUNT 44" AFF UNO
- GFCI DOUBLE DUPLEX RECEPTACLE, MOUNT 44" AFF UNO
- WP — GFCI RECEPTACLE WITH WEATHERPROOF COVER
- WP — GFCI RECEPTACLE IN WP ENCLOSURE ON ROOF
- TECHNOLOGY DEVICES ~ REFER TO TECHNOLOGY SCHEDULE

NOTES:

1. MOUNT RECEPTACLES WITH CENTERLINE AT 18" AFF UNO
2. MOUNT EXTERIOR RECEPTACLES WITH CENTERLINE 24" AFG UNO

J6 RECEPTACLES

LIGHTING SWITCHES

- $\$_a$ — LIGHT SWITCH, 20A,125/277V
- $\$_a$ $\$_b$ — MULTI-GANGED SWITCHES, GANG UNDER ONE PLATE, LETTER INDICATES SWITCHING
- $\$_{OS}$ — OCCUPANCY SENSOR SWITCHOCCUPANCY SENSOR SWITCH
- $\$_{OSD}$ — OCCUPANCY SENSOR SWITCH WITH DIMMING ~ COORDINATE DIMMING TECHNOLOGY WITH LOAD TO BE DIMMED
- OS — OCCUPANCY SENSOR, CEILING MOUNTED
- $\$_D$ — DIMMER SWITCH ~ COORDINATE DIMMING TECHNOLOGY WITH LOAD TO BE DIMMED
- $\$_{LV}$ — LOW VOLTAGE LIGHT SWITCH, MOMENTARY CONTACT
- DS — DAYLIGHT HARVESTING SENSOR, CEILING MOUNTED

NOTES:
1. MOUNT LIGHT SWITCHES WITH CENTERLINE 48" AFF, UNO
2. LOWER CASE LETTER AT SWITCH INDICATES SWITCH GROUP

EMERGENCY AND EXIT LIGHTING

- HATCHING INDICATES FIXTURE CONNECTED TO LIFE SAFETY BRANCH PANEL. FIXTURES SHALL AUTOMATICALLY SWITCH TO FULL ON UPON FIRE ALARM OR LOSS OF NORMAL POWER.
- EM — "EM" INDICATES EMERGENCY WHERE SYMBOL HATCHING IS UNCLEAR
- EXIT SIGN, CEILING MOUNTED, SHADING INDICATES FACE(S) ARROWHEAD INDICATES CHEVRON(S) REQUIRED, CONNECT TO UNSWITCHED PORTION OF AREA LIFE SAFETY LIGHTING BRANCH CIRCUIT, U.N.O.
- EXIT SIGN, WALL MOUNTED, SHADING INDICATES FACE(S) MOUNT AT 7'-6"AFF OR OVER DOOR, CONNECT TO UNSWITCHED PORTION OF AREA LIFE SAFETY LIGHTING BRANCH CIRCUIT, U.N.O.
- EMERGENCY BATTERY LIGHTING UNIT WITH INTEGRAL HEADS
- EMERGENCY LIGHTING REMOTE HEADS

TYPICAL FOR ALL FIXTURE TYPES:

- INDICATES LUMINAIRE TYPE ON SCHEDULE
- LOWER CASE LETTER INDICATES SWITCHING

2 R2 a   2 R1 a
R1 2 a   W1 2 a
C1 2 a

J9 LIGHTING

- FACP — FIRE ALARM CONTROL PANEL, MOUNT WITH TOP OF PANEL NOT MORE THAN 72"AFF
- FATC — FIRE ALARM TRANSPONDER CABINET
- FAA — FIRE ALARM ANNUNCIATOR, MOUNT WITH TOP OF PANEL NOT MORE THAN 72"AFF, WIRED TO FACP
- S — SMOKE DETECTOR, WIRED TO FACP "E" INDICATES CONNECTION FOR ELEVATOR RECALL, WIRED TO FACP
- H — HEAT DETECTOR, "E" INDICATES CONNECTION FOR ELEVATOR RECALL, WIRED TO FACP
- D — DUCT SMOKE DETECTOR, WIRED TO FACP
- S — SINGLE STATION SMOKE DETECTOR WITH AUDIBLE INDICATING APPLIANCE, WALL MOUNTED
- S AV — SINGLE STATION SMOKE DETECTOR WITH AUDIBLE/VISUAL INDICATING APPLIANCE, CEILING MOUNTED
- CO S — SINGLE/MULTI-STATION SMOKE/CARBON MONOXIDE DETECTOR WITH AUDIBLE INDICATING APPLIANCE, CEILING MOUNTED
- CO S — SINGLE/MULTI-STATION SMOKE/CARBON MONOXIDE DETECTOR WITH AUDIBLE INDICATING APPLIANCE, WALL MOUNTED
- G — GAS DETECTOR, WIRED TO FACP
- CO — CARBON MONOXIDE DETECTOR, WIRED TO FACP
- L — FLAME DETECTOR, WIRED TO FACP
- DH — MAGNETIC DOOR HOLD OPEN DEVICE, WIRED TO FACP
- F — SPRINKLER SYSTEM WATER FLOW SWITCH, PROVIDED UNDER DIVISION 23, WIRED TO FACP UNDER DIVISION 26
- T — SPRINKLER SYSTEM TAMPER SWITCH, PROVIDED UNDER DIVISION 23, WIRED TO FACP UNDER DIVISION 26
- C — SPRINKLER SYSTEM CHECK VALVE PRESSURE SWITCH, FURNISHED AND INSTALLED UNDER DIVISION 23, WIRED TO FACP UNDER DIVISION 26
- P — SPRINKLER SYSTEM PRE-ACTION VALVE, FURNISHED AND INSTALLED UNDER DIVISION 21, WIRED TO FACP UNDER DIVISION 26
- K — KNOX BOX, MOUNT 60" AFF
- SD — SMOKE DAMPER, WIRED TO FACP
- FSD — FIRE AND SMOKE DAMPER, WIRED TO FACP
- RTS — REMOTE TEST/INDICATOR FOR DUCT SMOKES, MOUNT ON CEILING BENEATH UNIT, OR WALL MOUNT WHERE INDICATED ON PLANS.
- F — MANUAL PULL STATION, MOUNT 48" AFF
- HORN/STROBE, WALL MOUNTED CANDELA AS NOTED ON PLANS, WIRED TO FACP. MOUNT 80" AFF TO BOTTOM, OR 6" BELOW CEILING, WHICH EVER IS LOWER.
- HORN/STROBE, CEILING MOUNTED, CANDELA AS NOTED ON PLANS, WIRED TO FACP. MOUNT 80" AFF TO BOTTOM, OR 6" BELOW CEILING, WHICH EVER IS LOWER
- STROBE ONLY INDICATING APPLIANCE, CEILING MOUNTED, CANDELA AS NOTED ON PLANS, WIRED TO FACP
- STROBE ONLY INDICATING APPLIANCE, WALL MOUNTED, CANDELA AS NOTED ON PLANS, WIRED TO FACP, MOUNT 80" AFF TO BOTTOM, OR 6" BELOW CEILING, WHICH EVER IS LOWER.
- HORN/STROBE WITH PULL STATION DIRECTLY BELOW, MOUNT 80" AFF TO BOTTOM, OR 6" BELOW CEILING, WHICH EVER IS LOWER.
- SPEAKER/STROBE, WALL MOUNTED CANDELA AS NOTED ON PLANS, WIRED TO FACP
- SPEAKER/STROBE, CEILING MOUNTED, CANDELA AS NOTED ON PLANS, WIRED TO FACP

J12 FIRE ALARM LEGEND

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NO.	DESCRIPTION	DATE

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT: ELECTRICAL LEGEND

DRAWN BY:	Author
PROJECT NO:	25-061-00
DATE:	04/24/2026
REVISED:	
SCALE:	AS NOTED

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Project Phase
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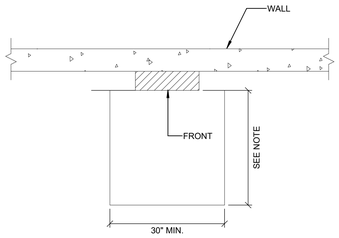
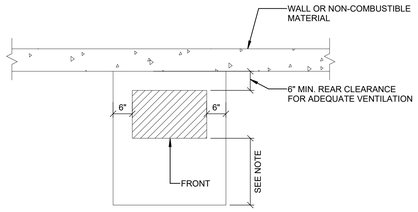


WALL MOUNTED PANELS

(INCLUDING POWER PANELS, CONTACTORS, CONTROL CABINETS, DISCONNECT SWITCHES, MOTOR STARTERS, TIME CLOCK AND SIMILAR ELECTRIC EQUIPMENT).



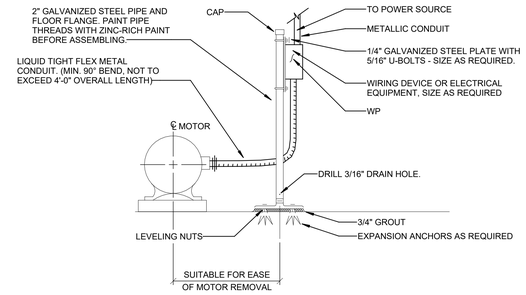
FLOOR MOUNTED TRANSFORMER

NOTE:

MINIMUM WORKING CLEARANCE (IN THE DIRECTION OF ACCESS TO LIVE PARTS) REQUIRED BY NEC 110-16(a), CONDITION 2:

- 3 FT. FOR 0-150 VOLT TO GROUND ELECTRIC EQUIPMENT.
- 3½ FT. FOR 150-600 VOLT TO GROUND ELECTRIC EQUIPMENT.
- THE MINIMUM HEADROOM OF WORKING SPACE SHALL BE 6 ½ FT.

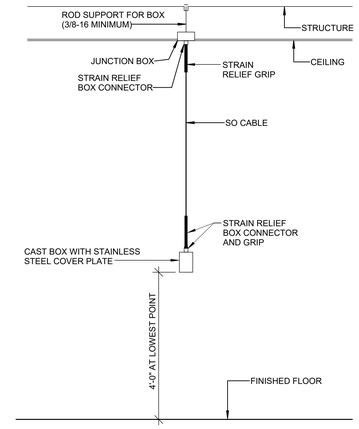
C1 | 260100-10-REQUIRED CLEARANCE FOR ELECTRICAL EQUIPMENT DETAILS



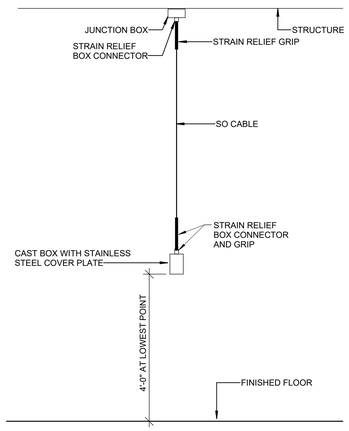
NOTE:

1. ALL MOUNTING HARDWARE TO BE GALVANIZED.

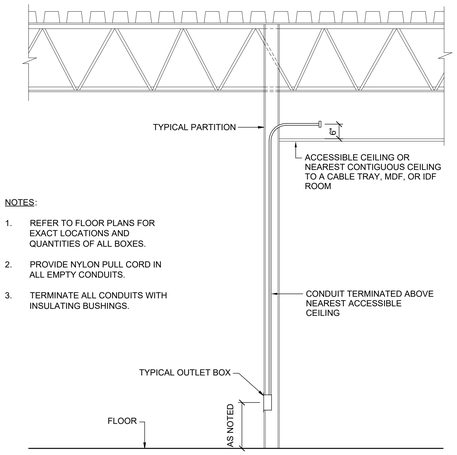
C7 | 260100-17-TYPICAL OUTDOOR MOTOR CONNECTION DETAIL



C11 | 260100-06-OVERHEAD DROP DETAIL FOR ROOMS WITH CEILINGS



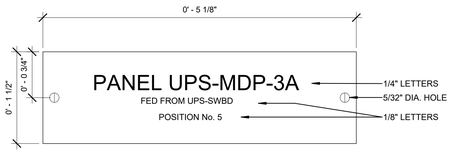
F1 | 260100-07-OVERHEAD DROP DETAIL FOR ROOMS WITHOUT CEILINGS



NOTES:

1. REFER TO FLOOR PLANS FOR EXACT LOCATIONS AND QUANTITIES OF ALL BOXES.
2. PROVIDE NYLON PULL CORD IN ALL EMPTY CONDUITS.
3. TERMINATE ALL CONDUITS WITH INSULATING BUSHINGS.

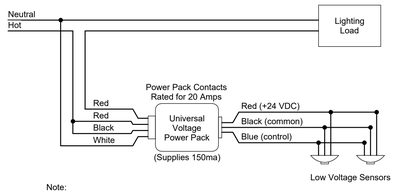
F4 | 271100-04-TECHNOLOGY CONDUIT DETAIL



NOTES:

1. REFER TO SPECIFICATIONS FOR ADDITIONAL NAMEPLATE REQUIREMENTS.
2. NAMEPLATE TO BE 1/16" THICK WHITE PLASTIC WITH BLACK CENTER LAMINATION. FACE SHALL BE WHITE, ENGRAVED LETTERS SHALL BE BLACK.
3. SECURE NAMEPLATE TO SURFACES WITH (2) FLAT HEAD BRASS SCREWS. ADHESIVE CEMENT SHALL NOT BE ALLOWED.

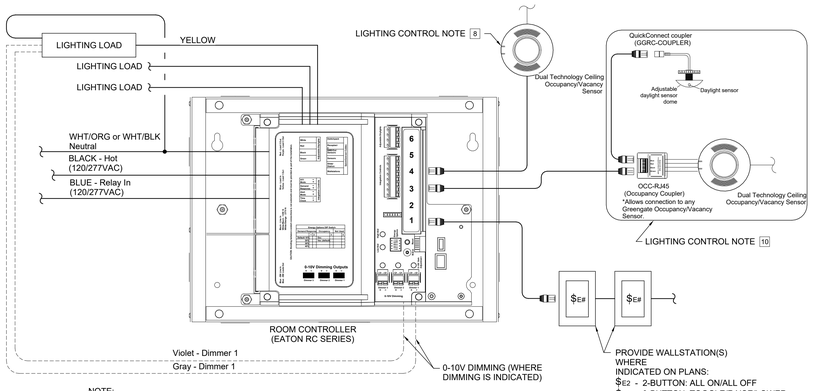
F8 | 260100-16-TYPICAL NAMEPLATE DETAIL



Note:

Do NOT power more than 4 devices, sensor or slave packs, from a single power pack.

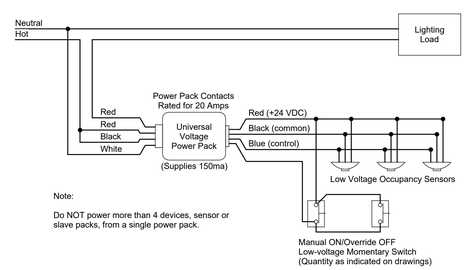
F11 | 260923-03-LIGHTING CONTROL DETAIL - NOTE 1



NOTE:

PROVIDE ROOM CONTROLLERS, COUPLERS, AND DEVICES AS REQUIRED TO PROVIDE LIGHTING CONTROL FUNCTIONS INDICATED.

J1 | 260923-12-ROOM CONTROLLER DETAIL NOTES 8+9



Note:

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J7 | 260923-06-LIGHTING CONTROL DETAIL - NOTE 6

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CONTENT:
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FEEDER SCHEDULE

TAG	MAXIMUM AMPERE RATING	PHASE AND NEUTRAL CONDUCTORS (NOTE 1)	GROUND CONDUCTOR (NOTE 2)	CONDUIT (NOTE 3)	TAG	MAXIMUM AMPERE RATING	PHASE AND NEUTRAL CONDUCTORS (NOTE 1)	GROUND CONDUCTOR (NOTE 2)	CONDUIT (NOTE 3)
15D	15	3#12	1#12	3/4"	400D	400	3#500 KCMIL	1#3	3 1/2"
15Y		4#12	1#12	3/4"	400Y		4#500 KCMIL	1#3	4"
30D	30	3#10	1#10	3/4"	450D	450	2 SETS OF 3#250 KCMIL	2 - #2	2 - 2 1/2"
30Y		4#10	1#10	3/4"	450Y		2 SETS OF 4#250 KCMIL	2 - #2	2 - 3"
50D	50	3#8	1#10	3/4"	500D	500	2 SETS OF 3#250 KCMIL	2 - #2	2 - 2 1/2"
50Y		4#8	1#10	1"	500Y		2 SETS OF 4#250 KCMIL	2 - #2	2 - 3"
60D	60	3#6	1#10	3/4"	600D	600	2 SETS OF 3#350 KCMIL	2 - #1	2 - 3"
60Y		4#6	1#10	1 1/4"	600Y		2 SETS OF 4#350 KCMIL	2 - #1	2 - 3"
80D	80	3#4	1#8	1 1/4"	700D	700	2 SETS OF 3#500 KCMIL	2 - #1/0	2 - 3 1/2"
80Y		4#4	1#8	1 1/4"	700Y		2 SETS OF 4#500 KCMIL	2 - #1/0	2 - 4"
100D	100	3#2	1#8	1 1/4"	800D	800	2 SETS OF 3#600 KCMIL	2 - #1/0	2 - 3 1/2"
100Y		4#2	1#8	1 1/4"	800Y		2 SETS OF 4#600 KCMIL	2 - #1/0	2 - 4"
125D	125	3#1	1#6	1 1/2"	900D	900	3 SETS OF 3#350 KCMIL	3 - #2/0	3 - 3"
125Y		4#1	1#6	1 1/2"	900Y		3 SETS OF 4#350 KCMIL	3 - #2/0	3 - 3"
150D	150	3#1/0	1#6	1 1/2"	10HD	1000	3 SETS OF 3#400 KCMIL	3 - #2/0	3 - 2 1/2"
150Y		4#1/0	1#6	2"	10HY		3 SETS OF 4#400 KCMIL	3 - #2/0	3 - 3"
175D	175	3#2/0	1#6	2"	12HD	1200	3 SETS OF 3#600 KCMIL	3 - #3/0	3 - 4"
175Y		4#2/0	1#6	2"	12HY		3 SETS OF 4#600 KCMIL	3 - #3/0	3 - 4"
200D	200	3#3/0	1#6	2"	16HD	1600	4 SETS OF 3#600 KCMIL	4 - #4/0	4 - 4"
200Y		4#3/0	1#6	2"	16HY		4 SETS OF 4#600 KCMIL	4 - #4/0	4 - 4"
225D	225	3#4/0	1#4	2"	20HD	2000	5 SETS OF 3#600 KCMIL	5 - #250 KCMIL	5 - 4"
225Y		4#4/0	1#4	2 1/2"	20HY		5 SETS OF 4#600 KCMIL	5 - #250 KCMIL	5 - 4"
250D	250	3#250 KCMIL	1#4	2 1/2"	25HD	2500	6 SETS OF 3#600 KCMIL	6 - #350 KCMIL	6 - 4"
250Y		4#250 KCMIL	1#4	3"	25HY		6 SETS OF 4#600 KCMIL	6 - #350 KCMIL	6 - 4"
300D	300	3#350 KCMIL	1#4	3"	30HD	3000	8 SETS OF 3#600 KCMIL	8 - #500 KCMIL	8 - 4"
300Y		4#350 KCMIL	1#4	3"	30HY		8 SETS OF 4#600 KCMIL	8 - #500 KCMIL	8 - 4"
350D	350	3#500 KCMIL	1#3	3 1/2"	40HD	4000	10 SETS OF 3#600 KCMIL	10 - #500 KCMIL	10-4"
350Y		4#500 KCMIL	1#3	4"	40HY		10 SETS OF 4#600 KCMIL	10 - #500 KCMIL	10-4"
TRS	REFER TO TRANSFORMER SCHEDULE FOR PRIMARY, SECONDARY AND GROUND FEEDER SIZES				50HD	5000	12 SETS OF 3#600 KCMIL	12 - #500 KCMIL	12-4"
					50HY		12 SETS OF 4#600 KCMIL	12 - #500 KCMIL	12-4"

	FEEDER SCHEDULE NOTES:
1	WIRING BASED ON COPPER THWN/THHN.
2	GROUNDING CONDUCTORS BASED ON USE AS A FEEDER (REFER TO ONE LINE DIAGRAMS FOR SERVICE ENTRANCE GROUNDING ELECTRODE SIZES).
3	CONDUIT SIZE BASED ON EMT.
4	FEEDER TAG ENDIING IN "E" INDICATES PROVIDE CONDUITS ONLY; CONDUCTORS ARE FUTURE.
5	FEEDERS GREATER THAN 300 FEET APPLY VOLTAGE DROP ACCOMMODATION BY INCREASING CONDUCTOR AND CONDUIT SIZES APPROPRIATELY.
6	MAXIUMUM SYSTEM VOLTAGE IS 600 (REFER TO ONE LINE DIAGRAMS FOR MEDIUM AND HIGH VOLTAGE FEEDER SIZES).
7	FEEDER TAG ENDING IN "S" INDICATES SERVICE ENTRANCE FEEDER. EXCLUDE THE GROUND CONDUCTOR INDICATED IN THE TABLE.

SINGLE- AND THREE-PHASE CIRCUIT SCHEDULE NOTES

1	UNLESS OTHERWISE INDICATED, CONDUCTOR SIZING SHALL MATCH THE SIZE INDICATED FOR THE APPLICABLE OVERCURRENT DEVICE. PROVIDE LARGER CONDUCTORS AND RACEWAY WHERE INDICATED.
2	PROVIDE TYPE AND MINIMUM SIZE OF RACEWAY OR CABLE AS INDICATED IN SPECIFICATION OR ON THE DRAWINGS.
3	PROVIDE NEUTRAL IN CIRCUIT UNLESS DEVICE SERVED DOES NOT HAVE PROVISIONS FOR A NEUTRAL CONNECTION.
4	MINIMUM SIZE CONDUIT FOR SCHEDULE 80 OR ENT IS ONE STANDARD ELECTRICAL SIZE LARGER THAN INDICATED IN THE SCHEDULE. PROVIDE LARGER CONDUIT WHERE SPECIFICALLY INDICATED OTHERWISE. DO NOT INSTALL PVC INDOORS.
5	PROVIDE SEPARATE, INSULATED EQUIPMENT GROUNDING CONDUCTOR WITH EACH FEEDER AND BRANCH CIRCUIT.
6	PROVIDE ADDITIONAL ISOLATED GROUNDING CONDUCTOR SAME SIZE AS THE EQUIPMENT GROUND. IN CIRCUITS TO ISOLATED GROUND PANELS OR DEVICES, GREEN WITH YELLOW STRIPE.
7	FOR PANELS WITH 200% NEUTRAL PROVIDE 200% NEUTRAL USING TWO PHASE SIZED CONDUCTORS IF SIZE 1/0 OR LARGER, OTHERWISE PROVIDE (1) 3/0 NEUTRAL.
8	PROVIDE SEPARATE INDIVIDUAL NEUTRAL FOR ALL CIRCUITS EXCEPT LIGHTING CIRCUITS. PROVIDE A DEDICATED NEUTRAL FOR GFCI AND AFCI CIRCUITS.
9	CIRCUIT SIZING BASED ON 600 VOLT 90 DEGREE (C) RATED INSULATION. INTERIOR TYPE THHN/THWN OR XHHW-2 (LARGER THAN SIZE #6), FOR EXTERIOR OR BELOW GRADE UTILIZE RHW-2/USE-2 IN CONDUIT ONE SIZE LARGER. SIZING BASED ON 60 DEGREE (C) FOR AMPACITIES 100A OR LESS AND 75 DEGREE (C) AMPACITIES OVER 100A.
10	FOR SERVICE ENTRANCE CONDUCTORS IT IS NOT REQUIRED TO INSTALL THE GROUNDING CONDUCTOR. THE NEUTRAL CONDUCTOR IS FULL SIZED AND IS BONDED TO THE GROUNDING ELECTRODE CONDUCTOR AT THE TRANSFORMER AND THE SERVICE DISCONNECT.
11	FOR BATTERY CABLES, INSTALL AND GROUP IN PAIRS (ONE POSITIVE AND ONE NEGATIVE CONDUCTOR). MARK POSITIVE CONDUCTOR WITH (5) OVERLAPPING WRAPS OF RED ELECTRICAL TAPE ON EACH END.

SPECIAL RECEPTACLE SCHEDULE

TAG	NEMA	DESCRIPTION (SINGLE DEVICE)	OCPD	BRANCH CIRCUIT
A	5-15R	15A-125V,2P,3W	15A-1P	2#12 & 1#12GND - 3/4" C
A1	5-15R	15A-125V,2P,3W, GFCI	15A-1P	2#12 & 1#12GND - 3/4" C
B	5-20R	20A-125V,2P,3W	20A-1P	2#12 & 1#12GND - 3/4" C
B1	5-20R	20A-125V,2P,3W, GFCI	20A-1P	2#12 & 1#12GND - 3/4" C
C	5-30R	30A-125V,2P,3W	30A-1P	2#10 & 1#10GND - 3/4" C
D	5-50R	50A-125V,2P,3W	50A-1P	2#6 & 1#10GND - 3/4" C
E	6-15R	15A-250V,2P,3W	15A-2P	2#12 & 1#12GND - 3/4" C
F	6-20R	20A-250V,2P,3W	20A-2P	2#12 & 1#12GND - 3/4" C
G	6-30R	30A-250V,2P,3W	30A-2P	2#10 & 1#10GND - 3/4" C
H	6-50R	50A-250V,2P,3W	50A-2P	2#6 & 1#10GND - 3/4" C
I	14-20R	20A-125/250V,3P,4W	20A-2P	3#12 & 1#12GND - 3/4" C
J	14-30R	30A-125/250V,3P,4W	30A-2P	3#10 & 1#10GND - 3/4" C
K	14-50R	50A-125/250V,3P,4W	50A-2P	3#6 & 1#10GND - 1" C
L	14-60R	60A-125/250V,3P,4W	60A-2P	3#6 & 1#10GND - 1" C
M	15-20R	20A-250V,3PH,3P,4W	20A-3P	3#12 & 1#12GND - 3/4" C
N	15-30R	30A-250V,3PH,3P,4W	30A-3P	3#10 & 1#10GND - 3/4" C
P	15-50R	50A-250V,3PH,3P,4W	50A-3P	3#6 & 1#10GND - 1" C
Q	15-60R	60A-250V,3PH,3P,4W	60A-3P	3#6 & 1#10GND - 1" C
R	L5-20R	20A-125V,2P,3W, TWIST LOCK	20A-1P	2#12 & 1#12GND - 3/4" C
S	L5-30R	30A-125V,2P,3W, TWIST LOCK	30A-1P	2#10 & 1#10GND - 3/4" C
T	L6-15R	15A-250V,2P,3W, TWIST LOCK	15A-2P	2#12 & 1#12GND - 3/4" C
U	L6-20R	20A-250V,2P,3W, TWIST LOCK	20A-2P	2#12 & 1#12GND - 3/4" C
V	L6-30R	30A-250V,2P,3W, TWIST LOCK	30A-2P	2#10 & 1#10GND - 3/4" C
W	L14-20R	20A -125/250V,3P,4W,TWIST LOCK	20A-2P	3#12 & 1#12GND - 3/4" C
X	L14-30R	30A -125/250V,3P,4W,TWIST LOCK	30A-2P	3#10 & 1#10GND - 3/4" C
Y	14-50R	50A - 125/250V,3P,4W	40A-3P	3#6 & 1#10GND - 1" C
Z	L16-30R	30A-480V, 3P,4W, TWIST LOCK	30A-3P	3#10 & 1#10GND - 3/4" C

FEEDER SCHEDULE

TAG	MAXIMUM AMPERE RATING	PHASE AND NEUTRAL CONDUCTORS (NOTE 1)	GROUND CONDUCTOR (NOTE 2)	CONDUIT (NOTE 3)	TAG	MAXIMUM AMPERE RATING	PHASE AND NEUTRAL CONDUCTORS (NOTE 1)	GROUND CONDUCTOR (NOTE 2)	CONDUIT (NOTE 3)
15D	15	3#12	1#12	3/4"	400D	400	3#500 KCMIL	1#3	3 1/2"
15Y		4#12	1#12	3/4"	400Y		4#500 KCMIL	1#3	4"
30D	30	3#10	1#10	3/4"	450D	450	2 SETS OF 3#250 KCMIL	2 - #2	2 - 2 1/2"
30Y		4#10	1#10	3/4"	450Y		2 SETS OF 4#250 KCMIL	2 - #2	2 - 3"
50D	50	3#8	1#10	3/4"	500D	500	2 SETS OF 3#250 KCMIL	2 - #2	2 - 2 1/2"
50Y		4#8	1#10	1"	500Y		2 SETS OF 4#250 KCMIL	2 - #2	2 - 3"
60D	60	3#6	1#10	3/4"	600D	600	2 SETS OF 3#350 KCMIL	2 - #1	2 - 3"
60Y		4#6	1#10	1 1/4"	600Y		2 SETS OF 4#350 KCMIL	2 - #1	2 - 3"
80D	80	3#4	1#8	1 1/4"	700D	700	2 SETS OF 3#500 KCMIL	2 - #1/0	2 - 3 1/2"
80Y		4#4	1#8	1 1/4"	700Y		2 SETS OF 4#500 KCMIL	2 - #1/0	2 - 4"
100D	100	3#2	1#8	1 1/4"	800D	800	2 SETS OF 3#600 KCMIL	2 - #1/0	2 - 3 1/2"
100Y		4#2	1#8	1 1/4"	800Y		2 SETS OF 4#600 KCMIL	2 - #1/0	2 - 4"
125D	125	3#1	1#6	1 1/2"	900D	900	3 SETS OF 3#350 KCMIL	3 - #2/0	3 - 3"
125Y		4#1	1#6	1 1/2"	900Y		3 SETS OF 4#350 KCMIL	3 - #2/0	3 - 3"
150D	150	3#1/0	1#6	1 1/2"	10HD	1000	3 SETS OF 3#400 KCMIL	3 - #2/0	3 - 2 1/2"
150Y		4#1/0	1#6	2"	10HY		3 SETS OF 4#400 KCMIL	3 - #2/0	3 - 3"
175D	175	3#2/0	1#6	2"	12HD	1200	3 SETS OF 3#600 KCMIL	3 - #3/0	3 - 4"
175Y		4#2/0	1#6	2"	12HY		3 SETS OF 4#600 KCMIL	3 - #3/0	3 - 4"
200D	200	3#3/0	1#6	2"	16HD	1600	4 SETS OF 3#600 KCMIL	4 - #4/0	4 - 4"
200Y		4#3/0	1#6	2"	16HY		4 SETS OF 4#600 KCMIL	4 - #4/0	4 - 4"
225D	225	3#4/0	1#4	2"	20HD	2000	5 SETS OF 3#600 KCMIL	5 - #250 KCMIL	5 - 4"
225Y		4#4/0	1#4	2 1/2"	20HY		5 SETS OF 4#600 KCMIL	5 - #250 KCMIL	5 - 4"
250D	250	3#250 KCMIL	1#4	2 1/2"	25HD	2500	6 SETS OF 3#600 KCMIL	6 - #350 KCMIL	6 - 4"
250Y		4#250 KCMIL	1#4	3"	25HY		6 SETS OF 4#600 KCMIL	6 - #350 KCMIL	6 - 4"
300D	300	3#350 KCMIL	1#4	3"	30HD	3000	8 SETS OF 3#600 KCMIL	8 - #500 KCMIL	8 - 4"
300Y		4#350 KCMIL	1#4	3"	30HY		8 SETS OF 4#600 KCMIL	8 - #500 KCMIL	8 - 4"
350D	350	3#500 KCMIL	1#3	3 1/2"	40HD	4000	8 SETS OF 3#750 KCMIL		8 - 5"
350Y		4#500 KCMIL	1#3	4"	40HY		8 SETS OF 4#750 KCMIL		8 - 5"
TRS	REFER TO TRANSFORMER SCHEDULE FOR PRIMARY, SECONDARY AND GROUND FEEDER SIZES				50HD	5000	12 SETS OF 3#600 KCMIL	12 - #500 KCMIL	12-4"
					50HY		12 SETS OF 4#600 KCMIL	12 - #500 KCMIL	12-4"

	FEEDER SCHEDULE NOTES:
1	WIRING BASED ON COPPER THWN/THHN.
2	GROUNDING CONDUCTORS BASED ON USE AS A FEEDER (REFER TO ONE LINE DIAGRAMS FOR SERVICE ENTRANCE GROUNDING ELECTRODE SIZES).
3	CONDUIT SIZE BASED ON EMT.
4	FEEDER TAG ENDIING IN "E" INDICATES PROVIDE CONDUITS ONLY; CONDUCTORS ARE FUTURE.
5	FEEDERS GREATER THAN 300 FEET APPLY VOLTAGE DROP ACCOMMODATION BY INCREASING CONDUCTOR AND CONDUIT SIZES APPROPRIATELY.
6	MAXIUMUM SYSTEM VOLTAGE IS 600 (REFER TO ONE LINE DIAGRAMS FOR MEDIUM AND HIGH VOLTAGE FEEDER SIZES).
7	FEEDER TAG ENDIING IN "S" INDICATES SERVICE ENTRANCE FEEDER. EXCLUDE THE GROUND CONDUCTOR INDICATED IN THE TABLE.

TECHNOLOGY MATRIX

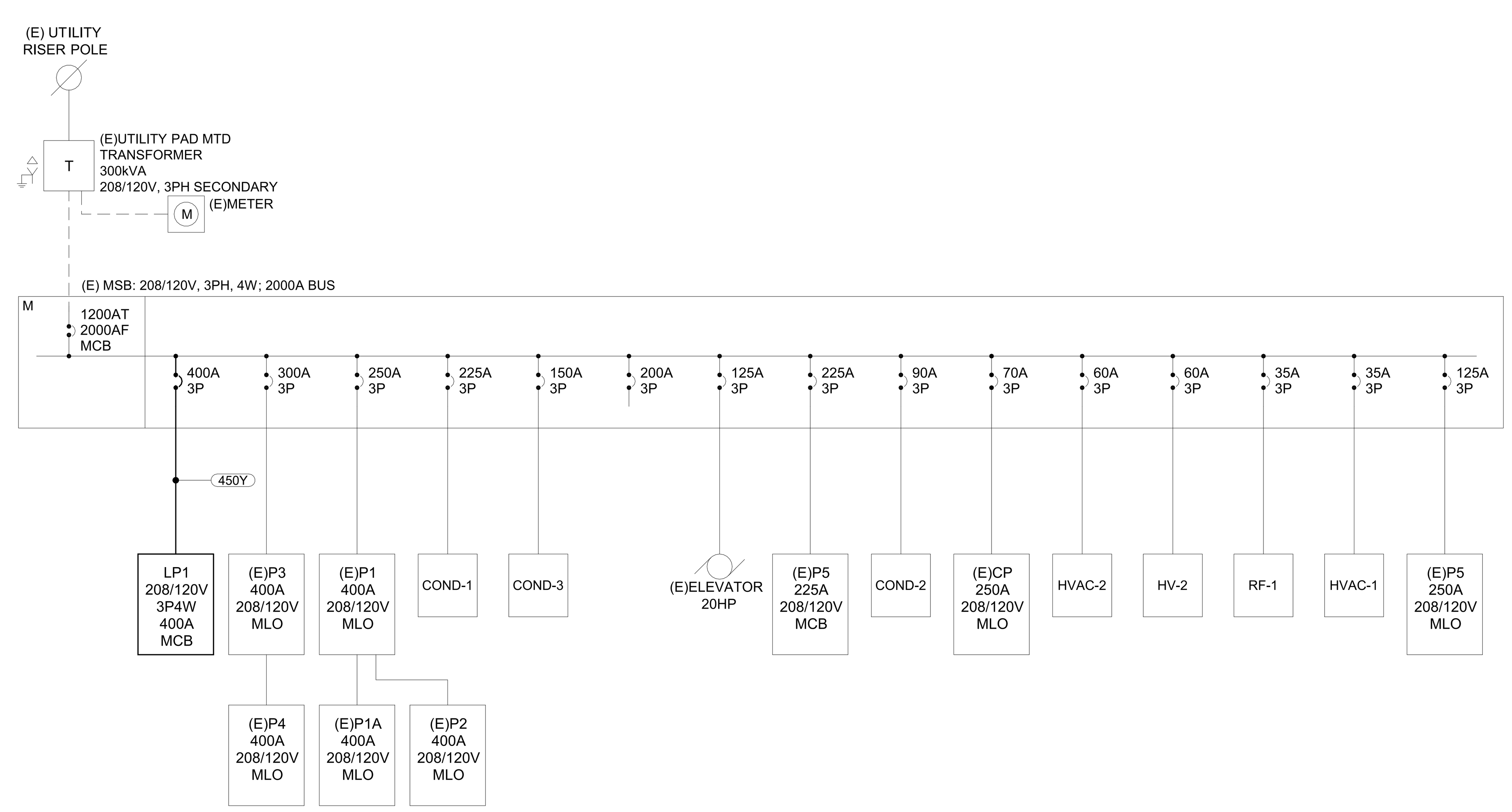
TECHNOLOGY GENERAL NOTES:

1. DIVISION 26 SHALL PROVIDE BOXES AND CONDUITS WITH PULL STRINGS UNO. DIVISION 27 SHALL PROVIDE CABLING, OUTLETS, AND TERMINATIONS.

2. FOR EACH TECHNOLOGY OUTLET, PROVIDE CONCEALED CONDUIT FROM EACH OUTLET BOX TO 6" ABOVE THE NEAREST ACCESSIBLE CORRIDOR CEILING THAT IS CONTIGUOUS TO THE NEAREST IT ROOM, J-HOOK, OR CABLE TRAY PATHWAY, U.N.O. IN ROOMS WITHOUT CEILINGS, CONDUIT SHALL BE RUN AT UNDERSIDE OF DECK TO 6" ABOVE THE NEAREST ACCESSIBLE CORRIDOR CEILING THAT IS CONTIGUOUS TO THE NEAREST IT ROOM, J-HOOK, OR CABLE TRAY PATHWAY, U.N.O. CONDUIT PATHWAYS SHALL BE PROVIDED FOR ANY PORTION OF THE PATH TO NEAREST IT ROOM, J-HOOK, OR CABLE TRAY THAT HAS EXPOSED DECK OR HAS INACCESSIBLE CEILINGS.

SYMBOL	MTG HT AFF UNO	DESCRIPTION	KEY NOTE	CONDUIT SIZE	BOX TYPE: SINGLE GANG BOX	DOUBLE GANG BOX	FLUSH COVERPLATE UNDERFLOOR BOX
▼	18"	(1) VOICE AND (1) DATA OUTLETS		3/4"	X		
▼ 2	18"	(2) VOICE AND (2) DATA OUTLETS		3/4"	X		
▼ 3	18"	(1) VOICE AND (2) DATA OUTLETS		3/4"	X		
▽	18"	(1) DATA OUTLET		3/4"	X		
▽ 2	18"	(2) DATA OUTLETS		3/4"	X		
▼ W	45"	WALL PHONE OUTLET		3/4"	X		
▼ E		ELEVATOR PHONE OUTLET		3/4"	X		
CATV	18"	CATV OUTLET		3/4"	X		
WA	ABOVE CEILING	DATA OUTLET FOR WIRELESS ACCESS POINT			X		
F1		UNDERFLOOR/FLUSH COVER BOX WITH (1) DATA OUTLETS, (1) DUPLEX RECEPTACLES AND EMPTY 2-GANG FOR AV USE	2	(2) 1" UNDERSLAB & (1) 1 1/4" UNDERSLAB			X
F2		UNDERFLOOR/FLUSH FLOOR BOX WITH (1) GFI DUPLEX RECEPTACLE	2	(1) 1" UNDERSLAB			X
F3		UNDERFLOOR/FLUSH FLOOR BOX WITH (2) GFI DUPLEX RECEPTACLE	2	(1) 1" UNDERSLAB			X

NOTES:
1. MOUNTING HEIGHT AS NOTED ON PLANS.
2. SEE FLOOR BOX DETAIL. BASIS OF DESIGN: FSR, INC., FL-600P SERIES.
3. FOR AREAS WITH SUSPENDED CEILINGS, INSTALL BOX ABOVE CEILING. WIRING SHALL BE CONCEALED ABOVE CEILINGS OR IN CONDUIT WHERE EXPOSED. FOR AREAS WITHOUT CEILINGS, MOUNT BOX AT UNDERSIDE OF DECK AND PROVIDE CONDUIT PER TECHNOLOGY GENERAL NOTE 2 ABOVE.



Lighting and Appliance Panelboard: LP1

Location: STAIR 1 150 **Volts:** 120/208 Wye **A.I.C. Rating:** 22k AIC
Supply From: **Phases:** 3 **Mains Type:** MCB
Mounting: Flush **Wires:** 4 **Bus Rating:** 400 A
MCB Rating: 400A

CKT	Circuit Description	Trip Amps	Poles	A		B		C		Poles	Trip Amps	Circuit Description	CKT
1				14.5	1.1								2
3	DOAS-1	150	3			14.5	1.1			3	20	VAV-1-1	4
5								14.5	1.1				6
7				0.5	1.1								8
9	VAV-1-3	20	3			0.5	1.1			3	20	VAV-1-2	10
11								0.5	1.1				12
13				2.6	0.6								14
15	VAV-2-1	30	3			2.6	0.6			3	20	VAV-2-3	16
17								2.6	0.6				18
19				0.5	1								20
21	VAV-2-2	20	3			0.5	1			3	20	EH-1	22
23								0.5	1				24
25				0.5	1.7								26
27	EH-2	20	3			0.5	1.7			3	20	EH-3	28
29								0.5	1.7				30
31	LTG RMS:101,103,104,104A,104B,105	20	1	1.3	1.3					1	20	LTG RMS: 100,102B, 102,106, EXTER.	32
33	HVAC - RCP-1	20	1			0.5	1.4			1	20	HVAC -WH-1	34
35	HVAC - TP-1	20	1					0.1	0.2	1	20	Receptacle Roof	36
37	RECEPTS. RMS 111A; 114; 111	20	1	0.7	0.5					1	20	RECEPTS. RMS 112B; 120	38
39	RECEPTS. RMS 111B;121	20	1			0.5	0.9			1	20	RECEPTS. RMS 110;111; 112; 113,...	40
41	WATER FOUNTAIN	20	1					0.2	0.5	1	20	RECEPTS. RMS 130; 150; EXTER.	42
43	RECEPTS. RMS 139; 220; 221	20	1	1.1	0.5					1	20	ROOM 220 FLOOR BOXES	44
45	RECEPTS. RMS 215; 216; 217; 218; 220	20	1			1.1	0.9			1	20	RM 219 RECEPT/FLR BOX. RM 215...	46
47	WATER FOUNTAIN	20	1					0.2	0.5	1	20	RECEPTS. RM 220	48
49	RECEPTS. RM 220	20	1	0.7	0.7					1	20	RECEPTS RM 220	50
51	RECEPTS. RM 220	20	1			0.7	0.7			1	20	RECEPTS. RM 220	52
53	RECEPTS. RM 220	20	1					0.7	0.7	1	20	RECEPTS. RM 220	54
55	RECEPTS. RM 220	20	1	0.7	0.7					1	20	RECEPTS. RM 220	56
57	RECEPTS. RM 220	20	1			0.4	0.9			1	20	Receptacle Room 206C	58
59	Receptacle DEBRIEF ROOM 206B	20	1					0.5	0.7	1	20	Receptacle CONTROL RM 206A	60
61	Receptacle MENS SHOWER ROOM 104	20	1	0.7	0.7					1	20	Receptacle WOMENS SHOWER ROOM...	62
63	LTG RMS:200A,210,202,203,204,205,250	20	1			1.4	0.7			1	20	Receptacle MENS SHOWERROOM 104	64
65	Receptacle WOMENS SHOWER ROOM...	20	1					0.7	0.7	1	20	Receptacle DEBRIEF ROOM 206B	66
67	Spare	20	1	0	0					1	20	Spare	68
69	Spare	20	1			0	0			1	20	Spare	70
71	Spare	20	1					0	0	1	20	Spare	72
73	Spare	20	1	0	0					1	20	Spare	74
75	Spare	20	1			0	0			1	20	Spare	76
77	Spare	20	1					0	0	1	20	Spare	78
79	Spare	20	1	0	0					1	20	Spare	80
81	Spare	20	1			0	0			1	20	Spare	82
83	Spare	20	1					0	0	1	20	Spare	84
			Total Load:	33.9 kVA		34.2 kVA		29.9 kVA					
			Total Amp:	288 A		290 A		249 A					

Load Classification	Connected Load	Demand Factor		Panel Totals	
HVAC	3454 VA	100.00%			
Lighting	4075 VA	125.00%		**Total Conn. Load:**	98.1 kVA
Power	70773 VA	100.00%		**Total Est. Demand:**	94.2 kVA
Receptacle	19800 VA	75.25%		**Total Conn.:**	272 A
				Total Est. Demand:	261 A

Notes:

ELECTRICAL SCHEDULE OF MECHANICAL EQUIPMENT

TAG	DESCRIPTION/ AREA SERVED	VOLTS	PH	LOAD	FLA	MCA	MOPD	DISCONNECT SWITCH: FRAME	POLES	FUSE	NEMA...	FBD	STARTER (NEMA): SIZE/...	FBD	CBD	POWER SOURCE	NOTES
VAV-1-1	MEN'S SHOWER AND CHANGING VAV AIR TERMINAL	208	3	3.3 kW	9.16	11.45	20	FWE	3	-	1	23	FWE		23	LP-1	
VAV-1-2	WOMEN'S SHOWER AND CHANGING VAV AIR TERMINAL	208	3	3.3 kW	9.16	11.45	20	FWE	3	-	1	23	FWE		23	LP-1	
VAV-1-3	CORRIDOR 1 VAV AIR TERMINAL	208	3	1.5 kW	4.16	5.20	20	FWE	3	-	1	23	FWE		23	LP-1	
VAV-2-1	HEALTH ASSESSMENT VAV AIR TERMINAL	208	3	7.9 kW	21.93	27.41	30	FWE	3	-	1	23	FWE		23	LP-1	
VAV-2-2	CORRIDOR 2 VAV AIR TERMINAL	208	3	1.5 kW	4.16	5.20	20	FWE	3	-	1	23	FWE		23	LP-1	
VAV-2-3	DEBRIEF VAV AIR TERMINAL	208	3	1.9 kW	5.27	6.59	20	FWE	3	-	1	23	FWE		23	LP-1	
DOAS-1	DEDICATED OUTSIDE AIR UNIT	208	3	-	-	120.70	150	FWE	3	-	3R	23	FWE		23	LP-1	2
EH-1	WALL HEATER - VESTIBULE	208	3	3.0 kW	8.33	10.41	20	FWE	3	-	1	23	-	-	23	LP-1	
EH-2	WALL HEATER - STORAGE	208	3	1.5 kW	4.16	5.20	20	FWE	3	-	1	23	-	-	23	LP-1	
EH-3	WALL HEATER - STAIRS	208	3	5.0 kW	13.88	15.00	20	FWE	3	-	1	23	-	-	23	LP-1	
WH-1	ELECTRIC WATER HEATER	120	1		12.00	15.00	20	MRT				26	-	-	23	LP-1	
RCP-1	DHW RECIRC	120	1	1/6 HP	4.40	4.40	20	MRT				26	-	-	23	LP-1	
TP-1	TRAP PRIMER MULTIPLE LOCATIONS	120	1	12W	0.10		20	MRT				26	-	-	23	LP-1	

	NOTES:
1	LEAD/LAG
2	DUCT SMOKE DETECTORS FURNISHED BY DIVISION 26, INSTALLED BY DIVISION 23, WIRED TO FIRE ALARM BY DIVISION 26.
3	POWER TO OUTDOOR CU BY DIVISION 26. WIRING BETWEEN OUTDOOR CU AND INDOOR AC PROVIDED BY DIVISION 23.
4	PUMPS SHALL BE WIRED TO BOILER, SAME CIRCUIT AS RESPECTIVE BOILER.
5	PROVIDE MOTOR RATED TOGGLE SWITCH SUITABLE FOR VOLTAGE, LOAD, AND POLE CONFIGURATION FOR EQUIPMENT SERVED
6	PROVIDE A SINGLE CIRCUIT TO SERVE THE RESPECTIVE HP UNITS SERVED BY A CU
7	PROVIDE 120V, 10A CIRCUIT TO PUMP CONTROLLER, POWER PUMP FROM CONTROLLER.
8	CORD AND PLUG FURNISHED WITH EQUIPMENT, PROVIDE NEMA 5-20 RECEPTACLE. COORDINATE EXACT LOCATION FOR RECEPTACLE IN FIELD.
9	REFER TO FLOOR PLANS FOR EQUIPMENT LOCATIONS; COORIDNATE EXACT LOCATIONS WITH MECHANICAL CONTRACTOR IN THE FIELD

ABBREVIATIONS:	
FWE	FURNISHED WITH EQUIPMENT
NF	NOT FUSED
SWBD	SWITCHBOARD
FBD	FURNISHED BY DIVISION
CBD	CONTROL WIRING BY DIVISION
MRT	MOTOR RATED TOGGLE SWITCH

VOLTAGE DROP CHART

MAXIMUM LOAD (VA)	MAXIMUM LENGTH PER CONDUCTOR SIZE: #12	#10	#8
120 VOLT CIRCUITS			
800	155	245	390
1000	125	195	310
1200	105	165	260
1400	90	140	220
1600	80	125	195
1800	70	110	175
277 VOLT CIRCUITS			
2000	330	525	830
2500	265	420	665
3000	220	350	555
3500	190	300	475
4000	165	260	415

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1250 TURNER STREET
AUBURN, MAINE 04210

NO.	DESCRIPTION	DATE

FOR ADDITIONAL INFORMATION, REFER TO PROJECT MANUAL.

CONTENT: ELECTRICAL SCHEDULES

DRAWN BY: Author
PROJECT NO: 25-061-00
DATE: 04/24/2026
REVISED:
SCALE: AS NOTED

E6.0

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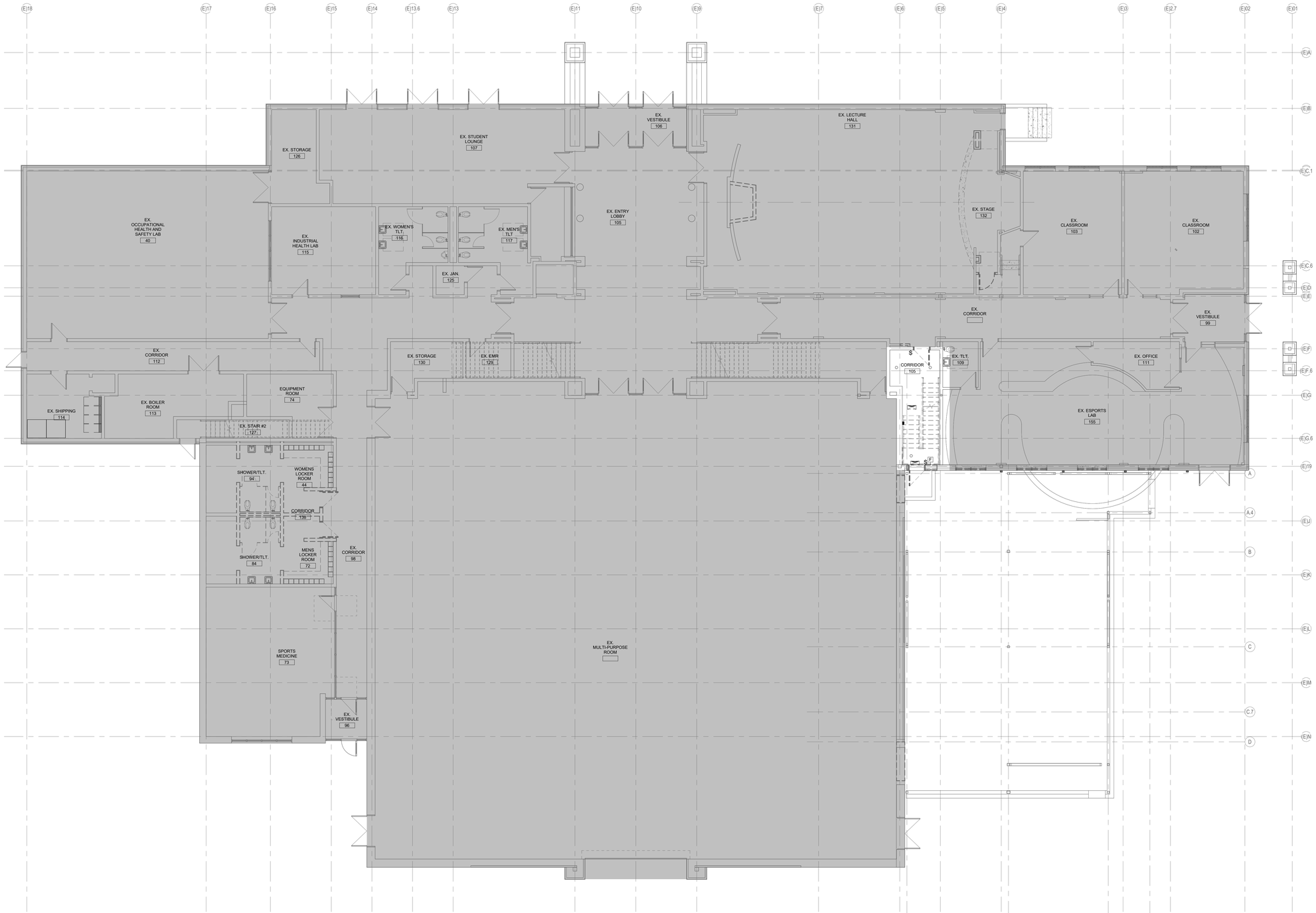
1

	KEYED NOTES

1. REFER TO REMOVAL NOTES ON SHEET E0.0.
2. SHADED AREAS ARE NOT IN CONTRACT (TYP.).

	GENERAL NOTES



J1	ELECTRICAL REMOVALS PLAN - FIRST FLOOR
1/8" = 1'-0"	

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NO.	DESCRIPTION	DATE

CONTENT:
ELECTRICAL DEMOLITION PLAN - FIRST FLOOR

DRAWN BY:	Author
PROJECT NO:	25-061-00
DATE:	04/24/2026
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SCALE:	AS NOTED

ED1.1

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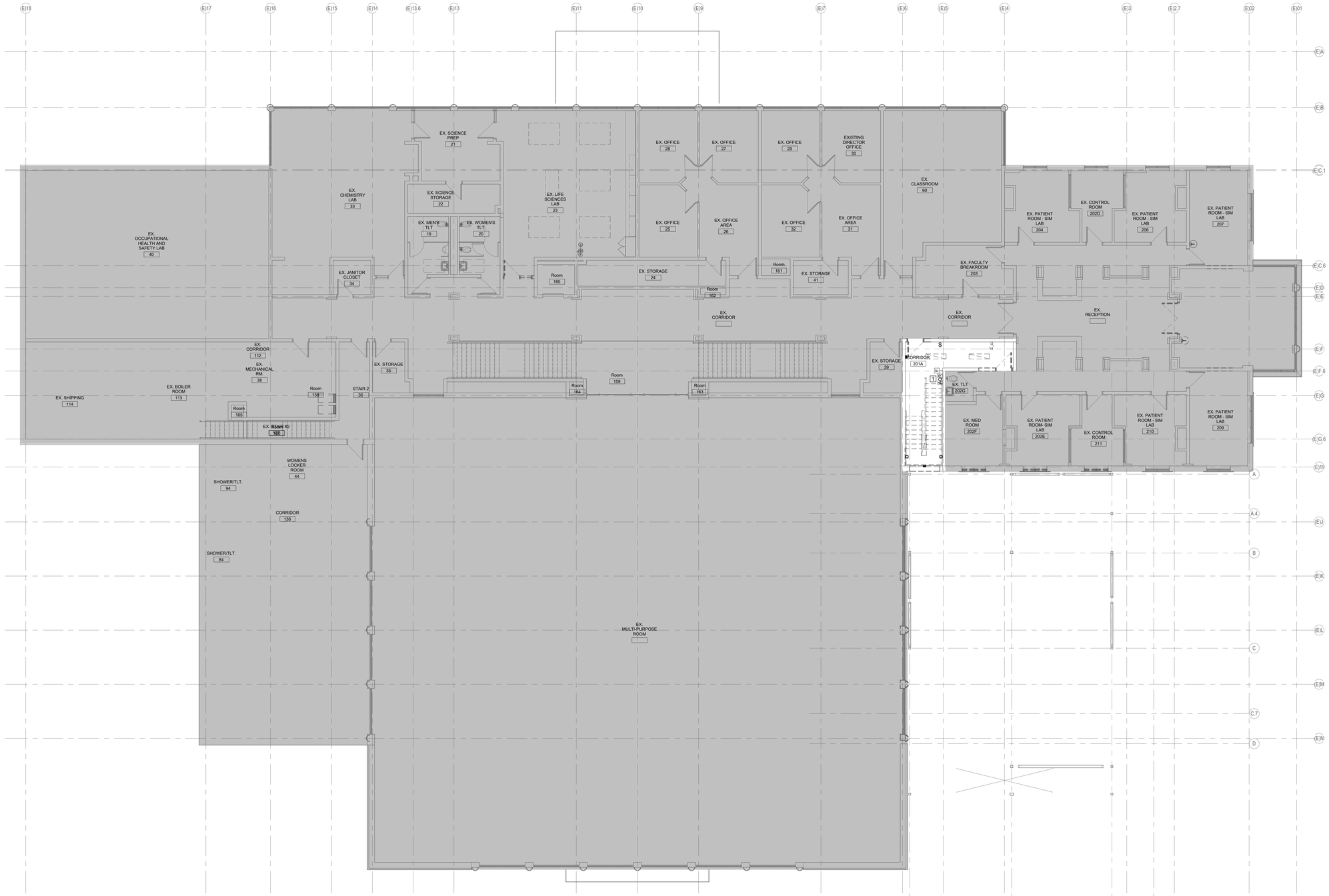
1 DISCONNECT AND REMOVE THE EXISTING TEKTONE CALL ASSISTANCE STATION. REMOVE THE RESPECTIVE COMMUNICATION WIRING BACK TO THE EXISTING TEK TONE MASTER STATION LOCATED IN VESTIBULE 106. RELOCATE THE EXISTING AREA OF RESCUE ASSISTANCE SIGN TO THE NEW CALL ASSISTANCE STATION IN STAIR NO.1 (RM. 250). DISCONNECT AND REMOVE THE EXISTING TEK TONE MASTER STATION, LOCATED IN VESTIBULE 106. DISCONNECT, MAINTAIN, AND MAKE SAFE THE RESPECTIVE LINE VOLTAGE POWER WRING CIRCUIT (120 VOLT) CURRENTLY SERVING THE EXISTING MASTER STATION FOR EXTENSION AND CONNECTION TO A NEW SYSTEM MASTER STATION BY THE OWNER.

KEYED NOTES

1. REFER TO REMOVAL NOTES ON SHEET E0.0.
2. SHADED AREAS ARE NOT IN CONTRACT (TYP.).

GENERAL NOTES



J1 ELECTRICAL REMOVALS PLAN - SECOND FLOOR

1/8" = 1'-0"

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CONTENT:
ELECTRICAL DEMOLITION PLAN - SECOND FLOOR

DRAWN BY:	Author
PROJECT NO:	25-061-00
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SCALE:	AS NOTED

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LUMINAIRE SCHEDULE

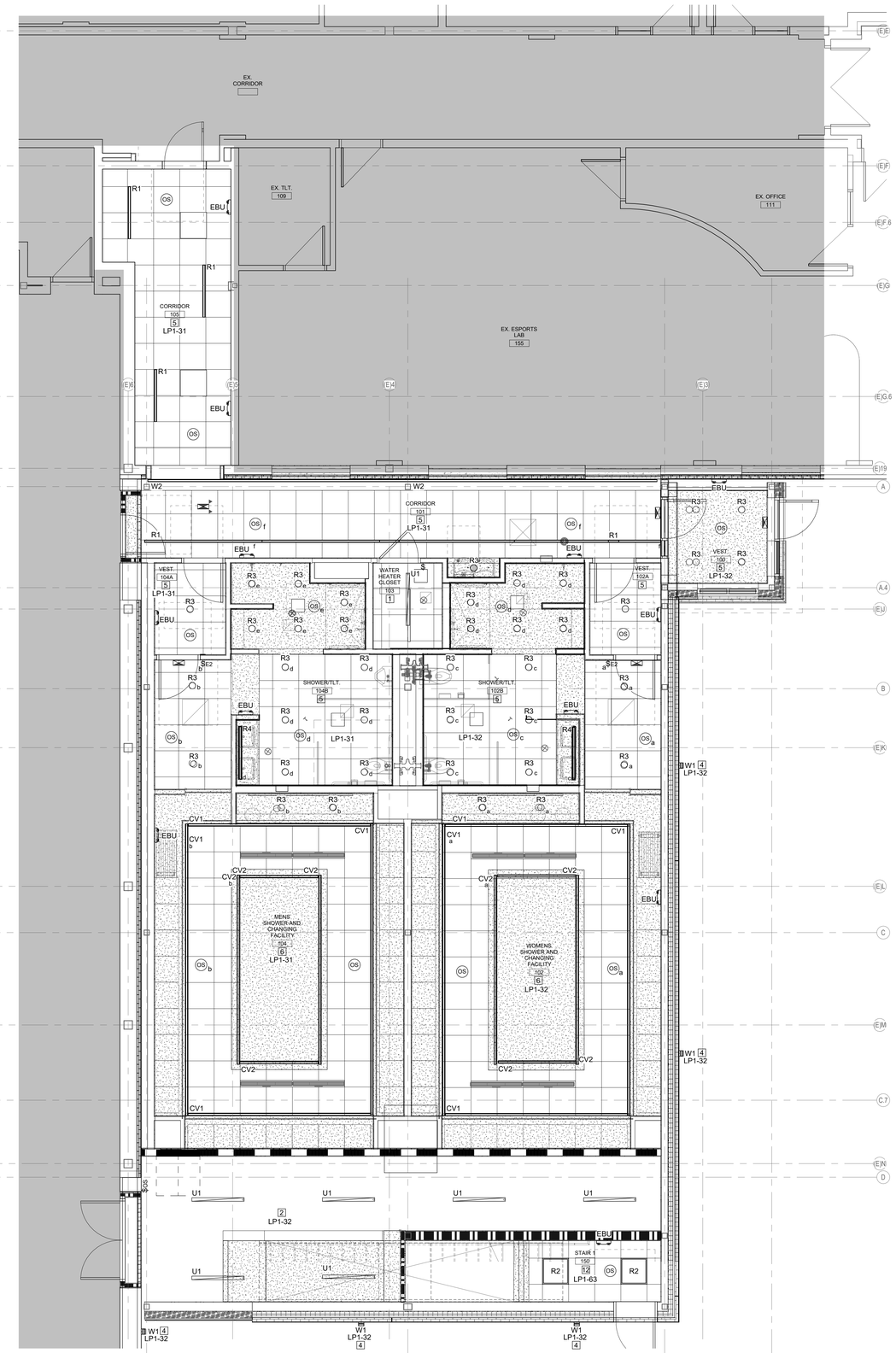
TYPE	DESCRIPTION	MFR	CATALOG SERIES NUMBER - (SEE NOTES 1 AND 2)	MOUNTING	VOLTS	LAMP/LIGHT ENGINE			NOTES
						WATTS	DELIVERED LUMENS	TYPE	
R1	RECESSED LINEAR 4" LED	ORACLE	OLS-R-LED-4-TB-1516-FT-CR-500L-DIM10-120-WH-BABAA	RECESSED	120	4.5W/FT	500 LUMEN/FT	LED ARRAY...	
R2	2' X 2' ARCHITECTURAL RECESSED LED TROFFER - TDCW 2X2	CORONET	TDCW.2X2-2X2-35-HIGH-UNV-DB-W-T15-SD	RECESSED	120	40	3492	LED ARRAY...	
R2B	2' X 4' ARCHITECTURAL RECESSED LED TROFFER - TDCW 2X4 CUSTOM OUTPUT	CORONET	TDCW.2X4-2X4-35-CUST-UNV-DB-W-T15-SD	RECESSED	120	140	13000	LED ARRAY...	
R3	4" RECESSED DOWNLIGHT	LITHONIA	LDN4-35/15-L04AR-WR-LSS-TRW-MVOLT-GZ10	RECESSED	120	17.5	1512	LED ARRAY...	
R4	4" RECESSED LED ARCHITURAL LINEAR	ORACLE	OLS-R-LED-4-HC-TL-S-4'-750L-DPLO5-DIM10-120-35K-85-WH-BABAA	RECESSED	120	5.5W/FT	750 LUMEN/FT	LED ARRAY...	
P1	4" LED FLEX SERIES PENDANT DIRECT/INDIRECT LINEAR	ORACLE	OLS-DI-LED-4-S4-D1000L-U1000L-DIM10-120-35K-85-WH-BABAA	PENDANT	120	15.8W/FT	1000DN/ 1000UP	LED ARRAY...	
CV1	PG4 PERIMETER GLOW LED - RGBW	CORONET	PG4-XX-RGBW35-HIGH-UNV-DMX-xx-T15	REGRESS	120	7.5W/FT	784 LUMENS/FT	LED RGBW...	
CV2	EASY COVE LED	CORONET	EZ.C-XX-35-HIGH-UNV-DB-xx-COVE-SD	COVE	120	10.W/FT	801 LUMENS/FT	LED ARRAY...	
U1	4' LINEAR UTILITY LIGHT - LED LENSED STRIPLIGHT	COLUMBIA LIGHTING	LCL4-35HL-EU	SUSPENDED/ SURFACE	120	52W	6395	LED ARRAY...	
W1	SLIM FIELD ADJUSTABLE WALL PACK - FINISH SPECIFIED BY OWNER	RAB	SLIM - xx	MOUNTED 10'-0" AFF	120	29.4W	4389	LED ARRAY...	6
W2	WALL MOUNTED LINEAR 2" LED - BLACK FINISH	ORACLE	OLS-WD-LED-2-500L-WW-DIM10-120-BK-BABAA	WALL MOUNTED BELOW BEAM	120	4.5W/FT	500 LUMEN/FT	LED ARRAY...	6
EBU	ARCHITECTURAL HIGH PERFORMANCE LED EMERGENCY LIGHT - CURVE	EVENLITE	CRV-9-WH	WALL	120	9W	850	LED	
EX1	EXIT SIGN - SENTRY SEN	EVENLITE	SEN-EM-R-W-W	WALL	120	4.1W	-	LED	

NOTES

1. THESE NUMBERS ARE NOT COMPLETE CATALOG NUMBERS. PROVIDE ALL REQUIREMENTS ON SCHEDULE, NOTES, SPECS, AND DRAWINGS COMBINED.
2. CATALOG SERIES NUMBERS ARE USED TO ESTABLISH A LEVEL OF QUALITY AND NOT INTENDED TO LIMIT COMPETITION.
3. VERIFY CEILING STRUCTURE AND MOUNTING HEIGHT PRIOR TO ORDERING ANY LIGHT FIXTURES.
4. PROVIDE WALL, CEILING, OR PENDANT MOUNTING AS INDICATED ON PLANS. PROVIDE NUMBER OF FACES AND ARROWS AS INDICATED.
5. COORDINATE LENGTH WITH CASEWORK & CABINET DETAILS.
6. FINISH TO BE SELECTED BY THE ARCHITECT FROM MANUFACTURER'S STANDARD OPTIONS.
7. PROVIDE REMOTE HEADS WHERE SHOWN ON PLANS.
8. PROVIDE INTEGRAL BATTERY BACK-UP
9. PROVIDE FIXTURE WITH INTEGRAL OCCPUANCY SENSOR OPTION. FIXTURE SHALL OPERATE UNDER NORMAL CONDITIONS AT 50% OUTPUT. UPON MOTION DETECTION OR FIRE ALARM OR NORMAL POWER LOSS, FIXTURE SHALL AUTOMATICALLY BRIGHTEN TO FULL OUTPUT.
10. PROVIDE FIXTURE IN LENGTH AND ARRANGEMENT SHOWN ON PLANS. PROVIDE ALL PARTS AND COMPONENTS REQUIRED FOR A FULLY FUNCTIONAL FIXTURE.

LIGHTING CONTROL NOTES SCHEDULE

TAG/ NOTE	DESCRIPTION OF LIGHTING CONTROL DEVICES AND OPERATION	DETAIL NUMBER
1	WALL SWITCH - MANUAL ON/MANUAL OFF	**NO DETAIL**
2	WALL SWITCH WITH OCCUPANCY SENSOR - MANUAL ON AND OFF/AUTO OFF	**NO DETAIL**
3	WALL SWITCH WITH DIMMER - MANUAL ON/MANUAL OFF/MANUAL DIMMING	
4	LIGHTING CONTROLLED BY INTREGAL MOTION/DAYLIGHT SENSOR.	**NO DETAIL**
5	AUTO ON/AUTO OFF VIA OCCUPANCY SENSOR(S)	**E1/EL5.1**
6	WALL SWITCH(ES) - MANUAL ON AND OFF; AUTO OFF VIA OCCUPANCY SENSOR(S)	**NO DETAIL**
7	WALL SWITCH WITH DIMMER AND OCCUPANCY SENSOR - MANUAL ON AND OFF/MANUAL DIMMING/AUTO OFF	**NO DETAIL**
8	WALLSTATION(S) - MANUAL ON AND OFF WHERE NOTED ON PLANS; WALLSTATION(S) WITH DIMMER(S) - MANUAL ON AND OFF/MANUAL DIMMING; AUTO OFF VIA OCCUPANCY SENSORS	**J1/EL5.1**
9	WALLSTATION(S) - MANUAL ON AND OFF, WHERE NOTED ON PLANS; WALLSTATION(S) WITH DIMMER(S) - MANUAL ON AND OFF/MANUAL DIMMING; AUTO OFF VIA OCCUPANCY SENSORS; DIMMING VIA DAYLIGHT HARVESTING SENSOR FOR FIXTURES INDICATED	**G1/EL5.1**
12	LIGHTING CONTROL BY INTEGRAL OCCUPANCY SENSOR - STEP DOWN TO 50% WHEN SPACE IS NOT OCCUPIED. UP TO 100% WHEN SPACE IS OCCUPIED	



J1 FIRST FLOOR - ENLARGED LIGHTING PLAN

1/4" = 1'-0"

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NO.	DESCRIPTION	DATE

CONTENT:
LIGHTING PLAN - FIRST FLOOR

DRAWN BY:	Author
PROJECT NO:	25-061-00
DATE:	04/24/2026
REVISED:	
SCALE:	AS NOTED

EL1.1

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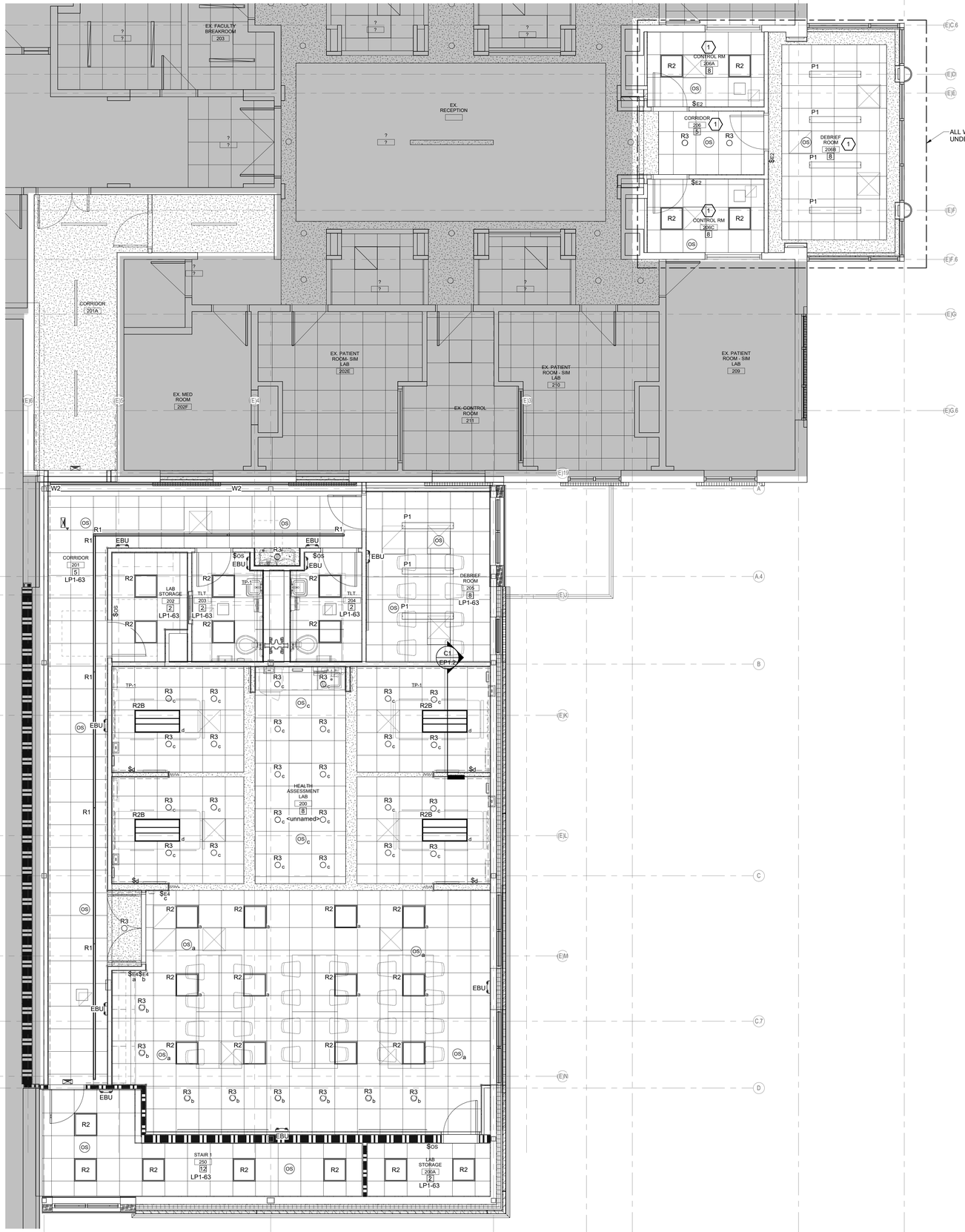

1 FIELD VERIFY EXISTING LIGHTING CIRCUIT IN ROOMS 206, 206A, 206B, AND 206C. CONNECT NEW FIXTURES TO EXISTING LIGHTING CIRCUIT WITHIN THOSE SPACES.

KEYED NOTES

LIGHTING CONTROL NOTES SCHEDULE

TAG/ NOTE	DESCRIPTION OF LIGHTING CONTROL DEVICES AND OPERATION	DETAIL NUMBER
1	WALL SWITCH - MANUAL ON/MANUAL OFF	**NO DETAIL**
2	WALL SWITCH WITH OCCUPANCY SENSOR - MANUAL ON AND OFF/AUTO OFF	**NO DETAIL**
3	WALL SWITCH WITH DIMMER - MANUAL ON/MANUAL OFF/MANUAL DIMMING	
4	LIGHTING CONTROLLED BY INTREGAL MOTION/DAYLIGHT SENSOR.	**NO DETAIL**
5	AUTO ON/AUTO OFF VIA OCCUPANCY SENSOR(S)	**E1/EL5.1**
6	WALL SWITCH(ES) - MANUAL ON AND OFF; AUTO OFF VIA OCCUPANCY SENSOR(S)	**NO DETAIL**
7	WALL SWITCH WITH DIMMER AND OCCUPANCY SENSOR - MANUAL ON AND OFF/MANUAL DIMMING/AUTO OFF	**NO DETAIL**
8	WALLSTATION(S) - MANUAL ON AND OFF WHERE NOTED ON PLANS; WALLSTATION(S) WITH DIMMER(S) - MANUAL ON AND OFF/MANUAL DIMMING; AUTO OFF VIA OCCUPANCY SENSORS	**J1/EL5.1**
9	WALLSTATION(S) - MANUAL ON AND OFF, WHERE NOTED ON PLANS; WALLSTATION(S) WITH DIMMER(S) - MANUAL ON AND OFF/MANUAL DIMMING; AUTO OFF VIA OCCUPANCY SENSORS; DIMMING VIA DAYLIGHT HARVESTING SENSOR FOR FIXTURES INDICATED	**G1/EL5.1**
12	LIGHTING CONTROL BY INTEGRAL OCCUPANCY SENSOR - STEP DOWN TO 50% WHEN SPACE IS NOT OCCUPIED. UP TO 100% WHEN SPACE IS OCCUPIED	

J1 SECOND FLOOR - ENLARGED LIGHTING PLAN

1/4" = 1'-0"

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CONTENT:
LIGHTING PLAN - SECOND FLOOR

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SCALE:	AS NOTED

EL1.2

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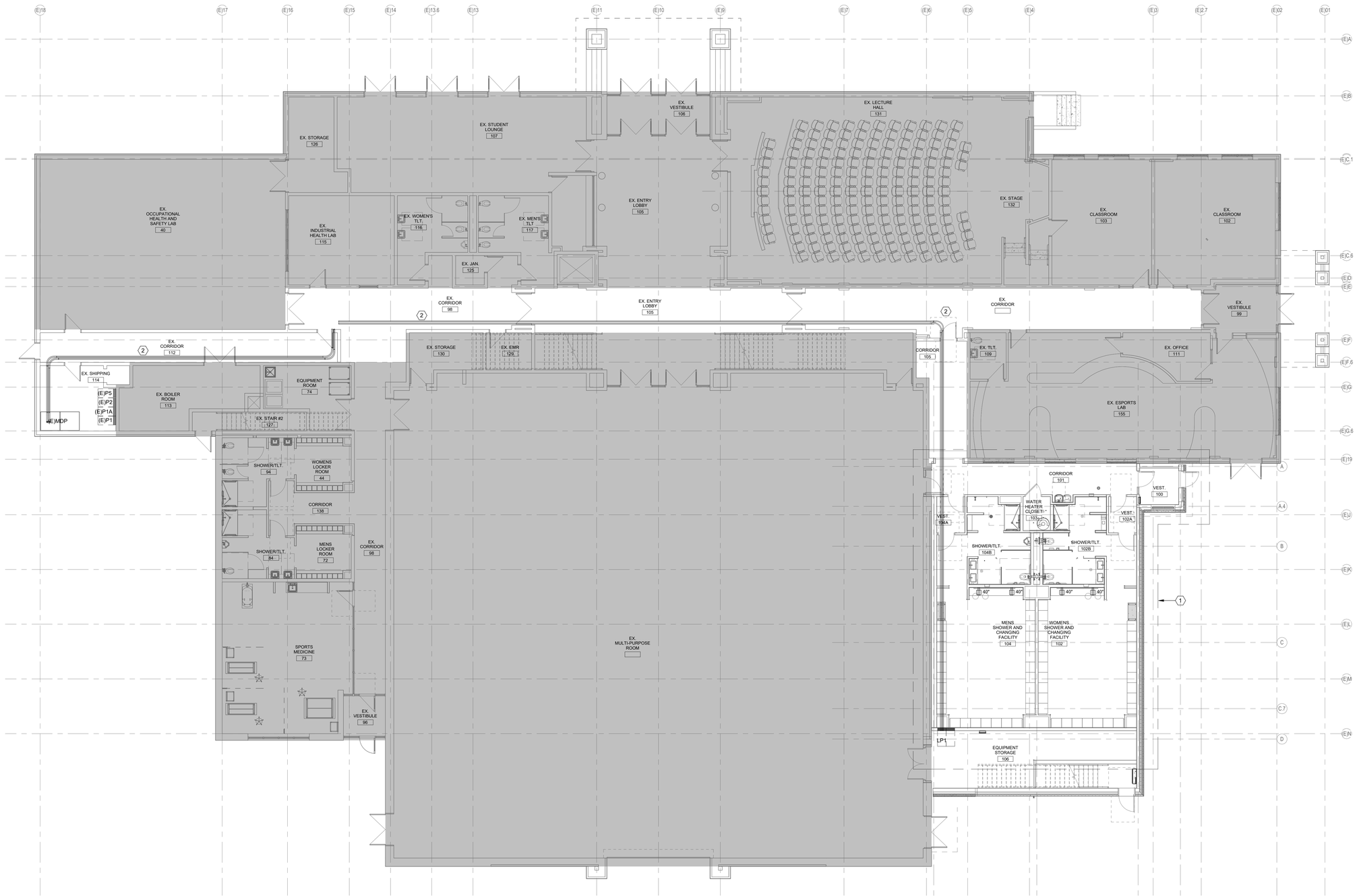
1. SEE SHEETS EL1.1, EL1.2, EP1.1, AND EP1.2 FOR SCOPE OF WORK ON ENLARGED PLANS.
2. COORDINATE FINAL CONDUIT ROUTING ABOVE EXISTING DROP CEILING IN EX. CORRIDOR-112, EX. CORRIDOR-98, EX. ENTRY LOBBY-105, AND EX. CORRIDOR-128.

KEYED NOTES



1	FIRST FLOOR - OVERALL POWER & SYSTEMS PLAN
1/8" = 1'-0"	

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CONTENT:
ELECTRICAL PLAN - FIRST FLOOR

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EP1.0

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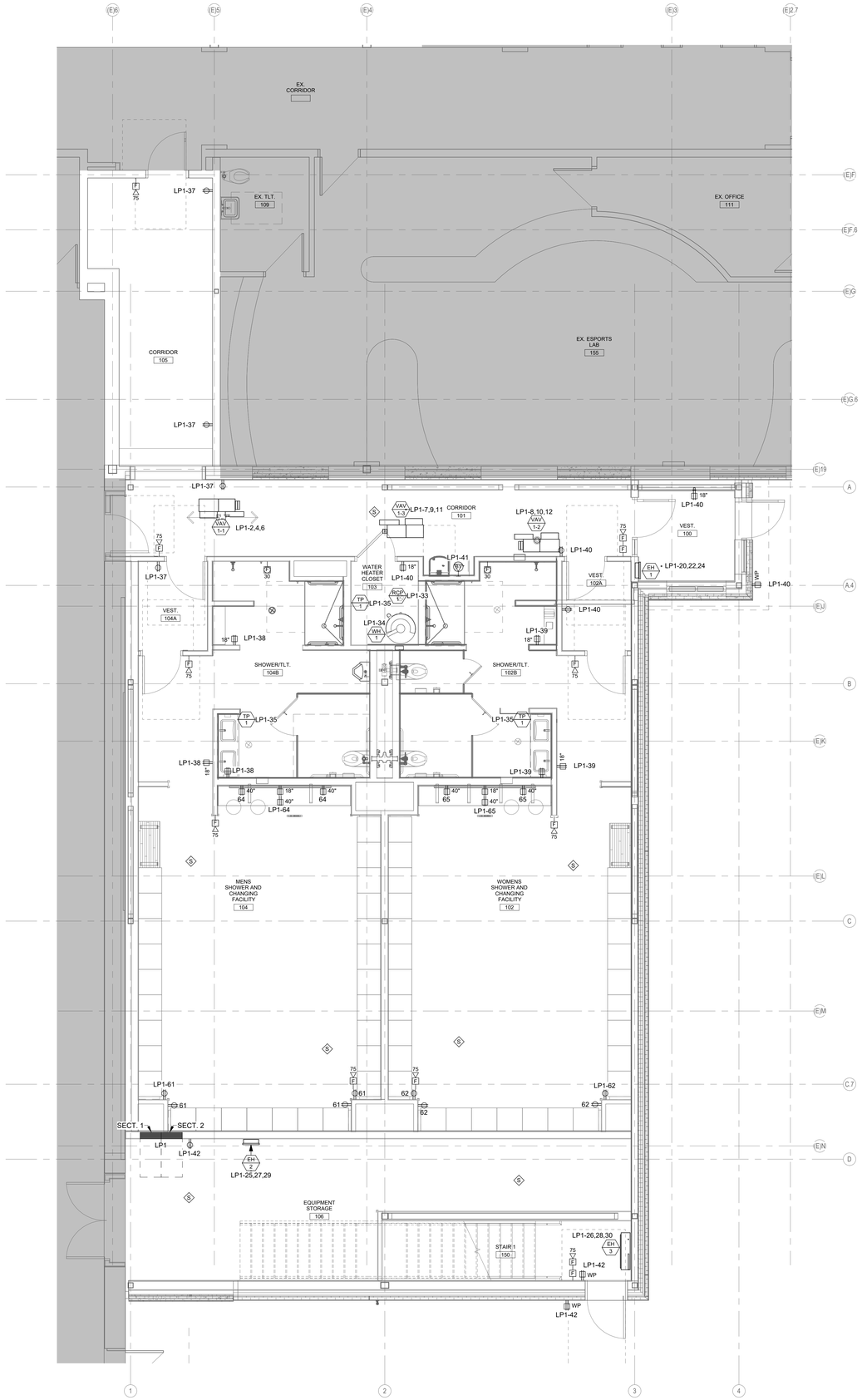

J1 FIRST FLOOR - ENLARGED POWER & SYSTEMS PLAN

1/4" = 1'-0"

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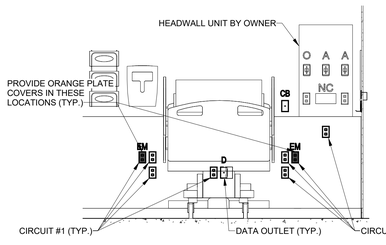
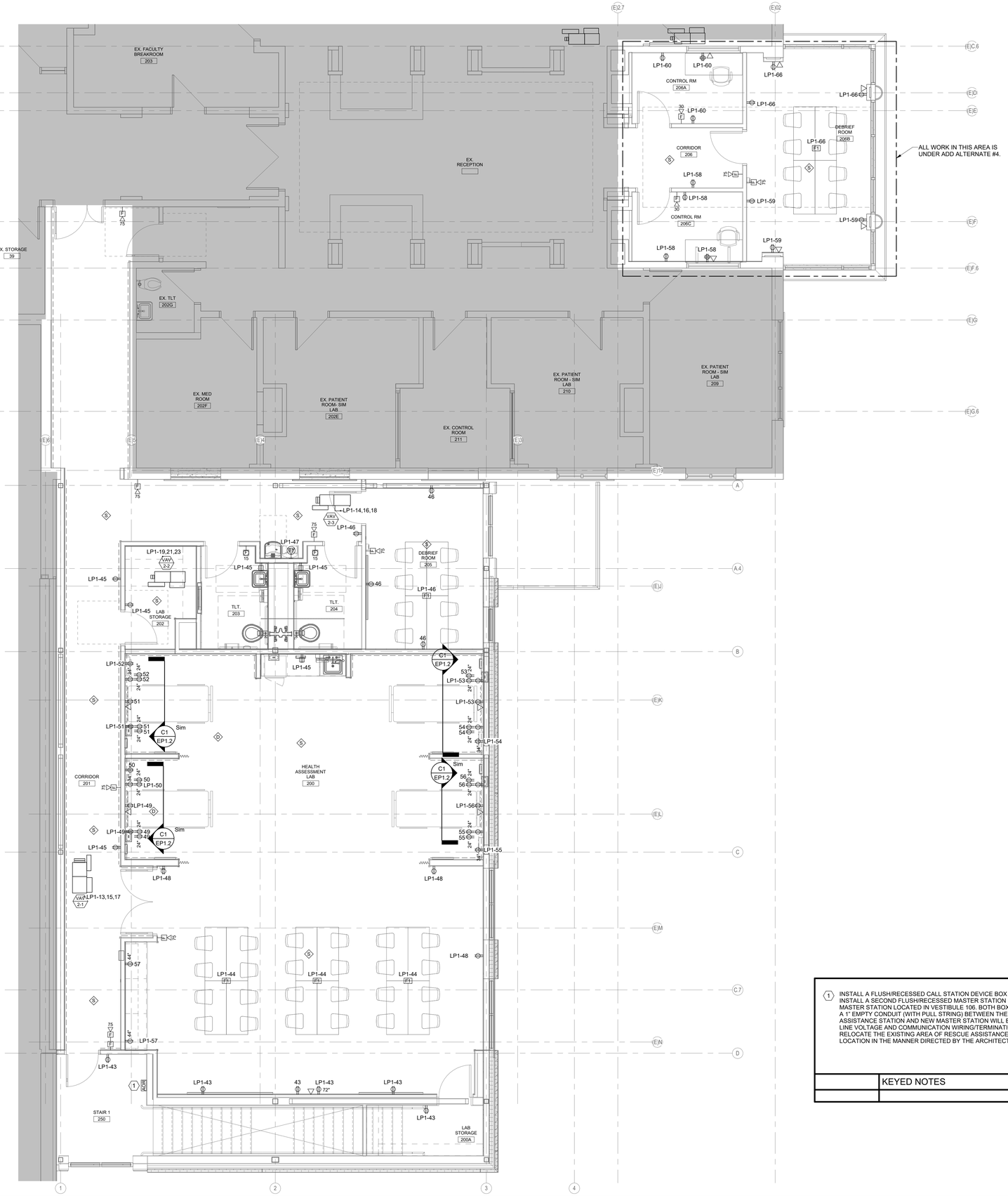


C1	HEADWALL ELEVATION - TYPICAL
1/2" = 1'-0"	



J1	SECOND FLOOR - POWER & SYSTEMS PLAN
1/4" = 1'-0"	

1 INSTALL A FLUSH/RECESSED CALL STATION DEVICE BOX MOUNTED AT 4" AFF IN THE LOCATION SHOWN. INSTALL A SECOND FLUSH/RECESSED MASTER STATION DEVICE BOX AT THE LOCATION OF THE REMOVED MASTER STATION LOCATED IN VESTIBULE 106. BOTH BOXES SHALL BE PROVIDED BY THE OWNER. PROVIDE A 1" EMPTY CONDUIT (WITH PULL STRING) BETWEEN THE TWO INSTALLED DEVICE BOXES. A NEW CALL ASSISTANCE STATION AND NEW MASTER STATION WILL BE PROVIDED BY THE OWNER; RECONNECTION TO LINE VOLTAGE AND COMMUNICATION WIRING/TERMINATION WILL ALSO BE PROVIDED BY OWNER. RELOCATE THE EXISTING AREA OF RESCUE ASSISTANCE SIGNAGE TO THE NEW AREA OF RESCUE LOCATION IN THE MANNER DIRECTED BY THE ARCHITECTURAL PLANS AND DETAILS.

	KEYED NOTES

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NO.	DESCRIPTION	DATE

CONTENT:
ELECTRICAL PLAN - SECOND FLOOR

DRAWN BY:	Author
PROJECT NO:	25-061-00
DATE:	04/24/2026
REVISED:	
SCALE:	AS NOTED

EP1.2

Project Phase
CONSTRUCTION DOCUMENTS

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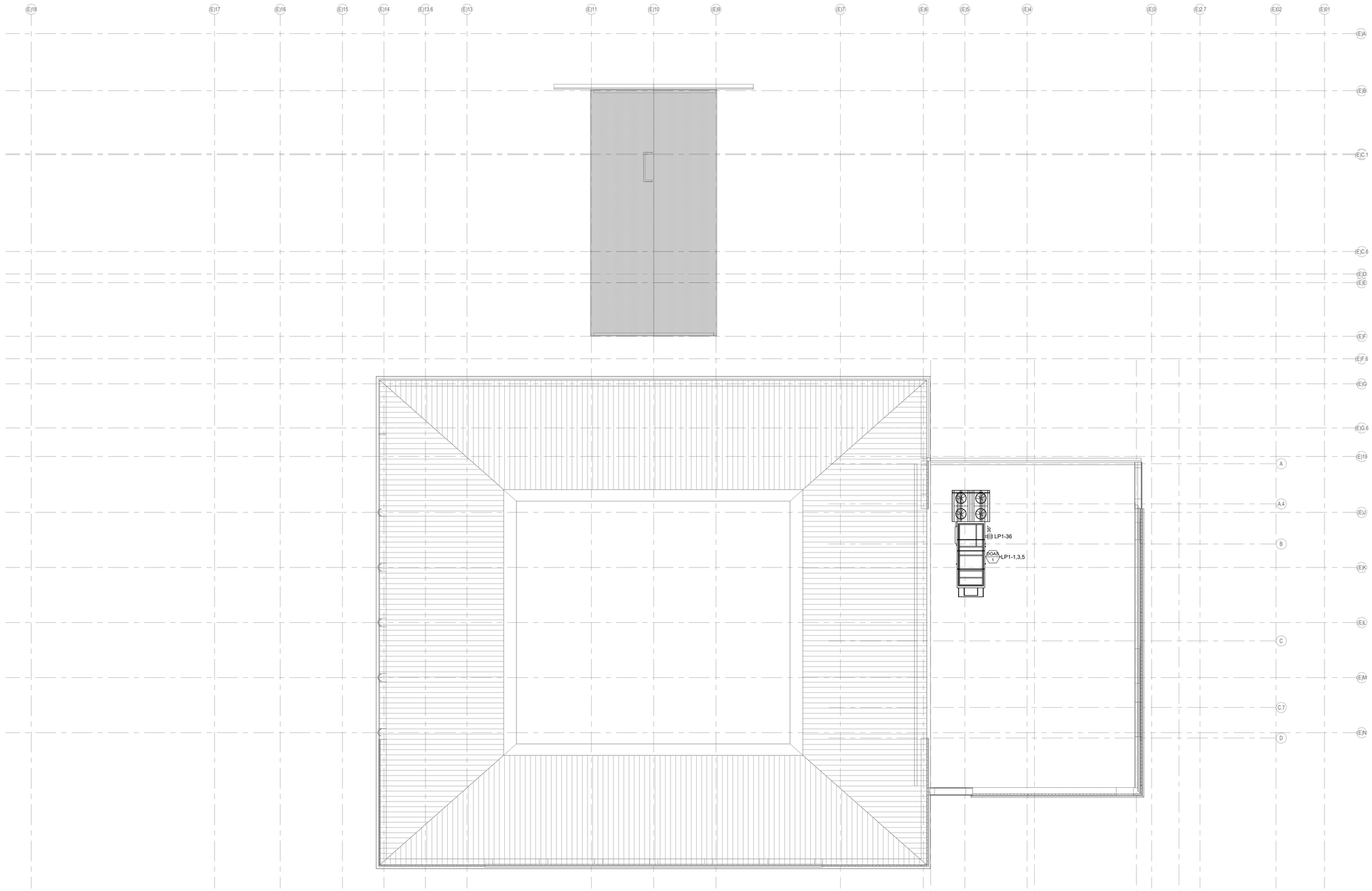

J1 | ELECTRICAL PLAN - ROOF

1/8" = 1'-0"

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NO.	DESCRIPTION	DATE

CONTENT:
ELECTRICAL PLAN - ROOF

DRAWN BY:	Author
PROJECT NO:	25-061-00
DATE:	04/24/2026
REVISED:	
SCALE:	AS NOTED

EP1.3

Project Phase
CONSTRUCTION DOCUMENTS

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