

COVENTRY DEPT. OF PUBLIC WORKS



COVENTRY TOWN HALL ANNEX

1675 FLAT RIVER ROAD
COVENTRY, RI 02816

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Architecture · Project Management · Interior Design



RGB ARCHITECTS

CONSULTANTS:

CREATIVE

BUILDING TECHNOLOGY CONSULTING

ARCHITECTURE, PROJECT MANAGEMENT, AND
INTERIOR DESIGN

MEP ENGINEERING

LOW VOLTAGE AND SECURITY

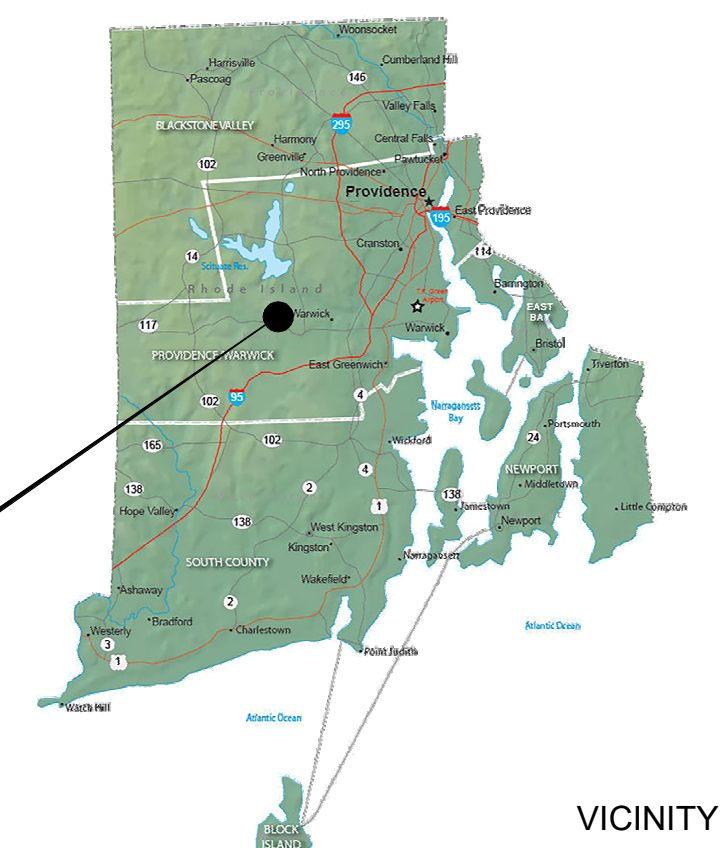
LIST OF DRAWINGS

SHEET #	SHEET NAME
GENERAL	
G000	COVER SHEET
G001	ABBREVIATIONS & SYMBOLS
ARCHITECTURAL	
A010	CODE REVIEW
A015	CODE REVIEW PLAN
A030	PARTITION TYPES, UL PENETRATIONS
A050	ARCHITECTURAL SITE PLAN
D100	DEMOLITION PLAN
D101	DETAIL DEMOLITION PLANS
A100	OVERALL FLOOR PLAN
A300	ENLARGED PLANS
A410	WALL SECTIONS / EXTERIOR DETAILS
A411	WALL SECTIONS / EXTERIOR DETAILS
A601	REFLECTED CEILING PLANS 'A'
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A700	INTERIOR ELEVATIONS
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A900	FINISH SCHEDULE
A910	DOOR & GLAZING SCHEDULES
A920	DOOR DETAILS
PLUMBING	
P000	PLUMBING LEGEND & ABBREVIATIONS
P100	PLUMBING - DEMOLITION - FIRST FLOOR OVERALL
P101	PLUMBING - DEMOLITION - FIRST FLOOR PARTIAL PLAN 'A'
P102	PLUMBING - DEMOLITION - FIRST FLOOR PARTIAL PLAN 'B'
P200	PLUMBING WASTE & VENT - FIRST FLOOR OVERALL
P201	PLUMBING WASTE & VENT - FIRST FLOOR PARTIAL PLAN 'A'
P202	PLUMBING WASTE & VENT - FIRST FLOOR PARTIAL PLAN 'B'
P300	PLUMBING WATER & GAS - FIRST FLOOR OVERALL
P301	PLUMBING WATER & GAS - FIRST FLOOR PARTIAL PLAN 'A'
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P500	PLUMBING WASTE & VENT ISOMETRIC
P501	PLUMBING DOMESTIC WATER ISOMETRIC
P600	PLUMBING DETAILS
P700	PLUMBING SCHEDULES
P800	PLUMBING SPECIFICATIONS
MECHANICAL	
M000	MECHANICAL LEGEND AND ABBREVIATIONS
M100	MECHANICAL DEMOLITION - FIRST FLOOR OVERALL
M101	MECHANICAL DEMOLITION - FIRST FLOOR PARTIAL PLAN 'A'
M102	MECHANICAL - DEMOLITION - FIRST FLOOR PARTIAL PLAN 'B'
M200	MECHANICAL - FIRST FLOOR OVERALL
M201	MECHANICAL - FIRST FLOOR PARTIAL PLAN 'A'
M202	MECHANICAL - FIRST FLOOR PARTIAL PLAN 'B'
M500	MECHANICAL ISOMETRIC PLAN 'A'
M501	MECHANICAL ISOMETRIC PLAN 'B'
M600	MECHANICAL DETAILS
M700	MECHANICAL SCHEDULES
M800	MECHANICAL SPECIFICATIONS
ELECTRICAL	
E000	ELECTRICAL LEGEND AND ABBREVIATIONS
E100	ELECTRICAL DEMOLITION - FIRST FLOOR OVERALL
E101	ELECTRICAL DEMOLITION - FIRST FLOOR PARTIAL PLAN 'A'
E102	ELECTRICAL DEMOLITION - FIRST FLOOR PARTIAL PLAN 'B'
E200	ELECTRICAL LIGHTING - FIRST FLOOR OVERALL
E201	ELECTRICAL LIGHTING - FIRST FLOOR PARTIAL PLAN 'A'
E202	ELECTRICAL LIGHTING - FIRST FLOOR PARTIAL PLAN 'B'
E300	ELECTRICAL POWER & SYSTEM - FIRST FLOOR OVERALL
E301	ELECTRICAL POWER & SYSTEM - FIRST FLOOR PARTIAL PLAN 'A'
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E303	ELECTRICAL POWER & SYSTEMS - ROOF OVERALL
E400	ELECTRICAL FIRE ALARM - FIRST FLOOR OVERALL
E401	ELECTRICAL FIRE ALARM - FIRST FLOOR PARTIAL PLAN 'A'
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E500	ELECTRICAL ONE LINE
E600	ELECTRICAL DETAILS
E700	ELECTRICAL SCHEDULES
E701	ELECTRICAL SCHEDULES (CONT.)
E800	ELECTRICAL SPECIFICATIONS
TELECOM	
TC000	TELECOM - LEGENDS AND NOTES SHEET
TC100	TELECOM - OVERALL FLOOR CONVEYANCE PLAN
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TC102	TELECOM - FLOOR PLAN
TC200	TELECOM - DETAILS SHEET
TC200.1	TELECOM - DETAILS SHEET
SECURITY	
SE000	SECURITY - LEGENDS AND NOTES SHEET
SE100	SECURITY - OVERALL FLOOR PLAN
SE200	SECURITY - DETAILS SHEET
SE201	SECURITY - DETAILS SHEET

LOCATION MAP



COVENTRY, RI



VICINITY MAP

STATUS: FOR CONSTRUCTION

DATE: 08/02/2024

COVENTRY TOWN HALL ANNEX - 6834

DEMOLITION NOTES:

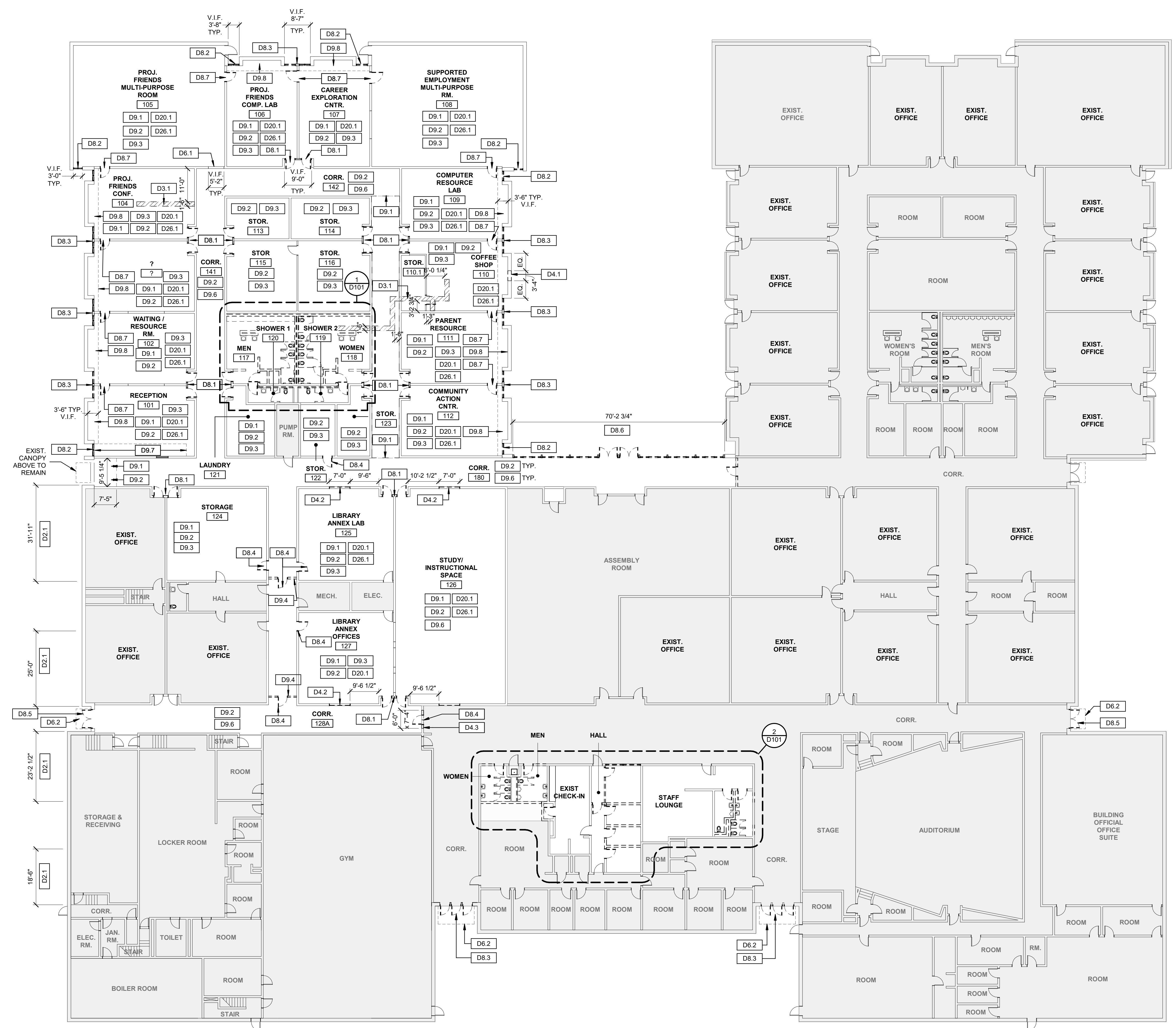
- THE SCOPE OF THIS DEMOLITION PACKAGE IS TO SELECTIVELY IDENTIFY EXISTING FLOOR, CEILING AND WALL FINISHES, EXTERIOR WINDOWS AND PORTIONS OF EXTERIOR WALLS AS NOTED ON DRAWINGS FOR REPLACEMENT, REHABILITATION OR REPAIR.
- THE EXISTING CONDITIONS INFORMATION SHOWN &/OR INDICATED ON THE DRAWINGS WAS OBTAINED FROM LIMITED EXISTING DRAWINGS PREPARED BY OTHERS, FIELD REVIEW, FIELD MEASUREMENT, &/OR OTHER AVAILABLE DOCUMENTATION &/OR OBSERVATION BY OTHERS. NOT ALL EXISTING CONDITIONS &/OR ACTUAL CONSTRUCTION MAY BE INDICATED &/OR KNOWN.
- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS, CONNECTIONS, LOCATIONS, SIZES, ETC. IN THE FIELD AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING DEMOLITION WORK.
- CONTRACTOR TO COORDINATE ALL DEMOLITION WORK WITH MECH./ELEC./PLUMB. DRAWINGS FOR FULL SCOPE OF DEMOLITION.
- CONTRACTOR TO COORDINATE EXTENTS OF ALL DEMOLITION WORK WITH ALL NEW WORK AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING DEMOLITION WORK.
- CONTRACTOR TO PROPERLY DE-ENERGIZE, SHUT OFF & CAP ALL UTILITIES (ELECTRICAL, GAS, WATER, SEWER, TELEPHONE, ETC.) BACK TO THE EXISTING EXTERIOR WALLS, ROOF DECK, AND/OR TO SLAB OR GRADE, U.N.O. COORDINATE W/ MEP DEMOLITION DWGS & LOCAL UTILITY COMPANIES.
- FULL EXTENT OF BUILDING MATERIALS IS UNKNOWN. EXISTING BUILDING CONSTRUCTION MAY CONTAIN MATERIALS THAT REQUIRE ABATEMENT. IF POTENTIAL MATERIALS ARE DISCOVERED, CONTRACTOR TO NOTIFY OWNER & ARCHITECT BEFORE PROCEEDING WITH WORK.
- CONTRACTOR TO PROVIDE ALL OSHA AND/OR BUILDING CODE REQUIRED SAFETY PROTECTION TO PROTECT WORKERS FROM FALLS, CRUSHING, ELECTROCUTION, IMPACT FROM ABOVE, ETC.
- CONTRACTOR TO MAINTAIN BUILDING IN A SAFE AND SECURE MANNER AND TO ELIMINATE THE APPEARANCE OF AN ATTRACTIVE NUISANCE. MAINTAIN PHYSICAL BARRIER TO PREVENT BUILDING SITE ACCESS BY CHILDREN AT A MINIMUM.
- CONTRACTOR TO PROTECT ALL EXISTING WORK TO REMAIN DURING DEMOLITION.
- CONTRACTOR TO FURNISH AND INSTALL ALL SHORING AND/OR BRACING TO SUPPORT ALL EXISTING WALLS, FLOORS/ROOFS, ETC. PRIOR TO REMOVALS OF EXISTING CONSTRUCTION.
- EXISTING BUILDING CONSTRUCTION DEFICIENCIES NOT INDICATED ON THE DRAWINGS, BUT UNCOVERED &/OR DISCOVERED BY CONTRACTOR'S CONSTRUCTION ACTIVITIES SHALL BE REPORTED TO THE ARCHITECT FOR REVIEW PRIOR TO INSTALLATION OF NEW WORK. ADDITIONAL DETAILS WILL BE FURNISHED AS NECESSARY. TYPICAL.

DEMOLITION LEGEND

- EXISTING WALL/ITEM TO REMAIN
- EXISTING WALL/ITEM TO BE REMOVED
- R&D = REMOVE & DISPOSE OF
- # WORK NOTES WITHOUT AN ARROW INDICATE AN ENTIRE SPACE/AREA.
- # WORK NOTES WITH AN ARROW(S) INDICATE SPECIFIC AREAS &/OR ITEMS.
- N.I.C. (NOT IN CONTRACT)
- DEMO PORTION OF FLOOR SLAB. SEE NOTE [D-3.1]
- DEMO PORTION OF FLOOR SLAB. SEE NOTE [D-3.2]
- RE-DEMO NOTED-D.1

PLAN DEMOLITION WORK NOTES

- D2.1** POWERWASH +/- 1600 SF WATER DAMAGED AREAS OF EXTERIOR BRICK FACADE ALONG NORTHERN WALL THAT ARE EXPERIENCING MOLD AND PLANT GROWTH. VERIFY EXTENT OF WATER DAMAGE REQUIRED IN FIELD. RE: 2D/100 FOR TYP. LOCATIONS AND EXTENT OF WATER DAMAGE. REFER TO A100 FOR BRICK REPAIRING.
- D3.1** SAWCUT, R&D PORTION OF EXISTING CONC. SLAB AS REQ'D FOR NEW SANITARY CONNECTION. RE: PLUMBING
- D4.1** R&D PORTION OF EXISTING EXTERIOR CMU WALL. PROVIDE TEMPORARY SHORING, WEATHER PROTECTION AND SECURITY. REPAIR ADJACENT EXISTING CONSTRUCTION TO REMAIN. TYP. COORDINATE W/ NEW WORK ENLARGED DETAILS PRIOR TO DEMOLITION. RE: PROPOSED DOOR HEAD DETAIL FOR NEW LINTEL
- D4.2** R&D INTERIOR CMU PARTITION WALL. PATCH & REPAIR FLOOR SLAB AS REQ'D. TYP
- D4.3** R&D PORTION OF INTERIOR CMU PARTITION WALL FOR INSTALLATION OF NEW DOOR. PATCH & REPAIR FLOOR SLAB AS REQ'D. TYP.
- D6.1** R&D EXISTING CASSED OPENING. PATCH AND REPAIR ANY DAMAGE TO ADJACENT WALLS, TO REMAIN TYP.
- D6.2** R&D EXISTING WOOD CANOPY CLADDING BACK TO STEEL FRAMING. RE: EXTERIOR DETAILS. PATCH AND REPAIR ANY DAMAGE TO ADJACENT SURFACES TO REMAIN, TYP.
- D6.1** R&D EXISTING INFILL WALL AND EXISTING DOORS & FRAMES BACK TO EXISTING MASONRY OPENING. PREPARE OPENING FOR NEW WORK. PATCH AND REPAIR ANY DAMAGE TO ADJACENT WALLS, TO REMAIN TYP.
- D6.2** R&D EXISTING EXTERIOR WINDOW BACK TO EXISTING MASONRY OPENING. PATCH AND REPAIR ANY DAMAGE TO ADJACENT WALLS TO REMAIN. TYP. PROVIDE TEMPORARY WEATHER AND SECURITY PROTECTION.
- D6.3** R&D EXISTING EXTERIOR WINDOWS & INFILL WALL. BACK TO EXISTING MASONRY OPENING. PATCH AND REPAIR ANY DAMAGE TO ADJACENT WALLS TO REMAIN. TYP. PROVIDE TEMPORARY WEATHER AND SECURITY PROTECTION.
- D6.4** R&D EXISTING INTERIOR DOOR(S), FRAME, AND HARDWARE. PATCH AND REPAIR ANY DAMAGE TO ADJACENT WALLS TO REMAIN. TYP.
- D6.5** R&D EXISTING EXTERIOR DOOR(S), FRAME, AND HARDWARE. PATCH AND REPAIR ANY DAMAGE TO ADJACENT WALLS TO REMAIN. TYP. RE: EXTERIOR DETAILS
- D6.6** R&D EXISTING EXTERIOR WOOD STOREFRONT ASSEMBLY. BACK TO EXISTING MASONRY OPENING. PATCH AND REPAIR ANY DAMAGE TO ADJACENT WALLS TO REMAIN. TYP. PROVIDE TEMPORARY WEATHER AND SECURITY PROTECTION. RE: EXTERIOR DETAILS
- D6.7** R&D EXISTING INTERIOR DOOR HARDWARE. EXISTING DOOR SLAB TO REMAIN. TYP.
- D6.7** R&D EXISTING FLOORING, FLOORING ADHESIVES, ADHESIVE RESIDUE, DOWN TO SLAB/SUBSTRATE. FLASH PATCH/PREP FLOOR FOR NEW FLOORING INSTALLATION. COORDINATE REQUIREMENTS W/ FLOORING MFR REQUIREMENTS. REMOVE WALL BASE. TYP.
- D6.2** R&D EXISTING WALL BASE. PATCH AND REPAIR EXISTING WALL & PREPARE FOR NEW WORK.
- D6.3** REMOVE LOOSE OR FLAKING PAINT FROM EXISTING CEILING AND TECTUM ACOUSTIC PANELS. PREPARE FOR NEW PAINT FINISH.
- D6.4** R&D EXISTING INTERIOR MTL. STUD PARTITION IN ITS ENTIRETY. PATCH & REPAIR ANY ADJACENT EXISTING CONSTRUCTION TO REMAIN. TYP.
- D6.6** R&D EXISTING SUSPENDED ACT CEILING AND GRID IN ITS ENTIRETY, INCLUDING ANY ELECTRICAL & MECHANICAL FIXTURES AND ACCESSORIES. TYP.
- D6.7** R&D EXISTING SPRAY FOAM INSULATION AT CEILING ELEVATION. TYP.
- D6.9** R&D EXISTING GYP. BD. EXTERIOR WALL SOFFIT ASSEMBLY, AND OBSOLETE MECH. & ELEC. DUCTWORK, PIPING, CONDUIT & HANGERS. TYP.
- D6.1** R&D ALL DEFUNCT MECHANICAL EQUIPMENT, DUCTWORK, PIPING & HANGERS. RE: MECHANICAL DWGS
- D6.1** R&D ALL DEFUNCT ELECTRICAL EQUIPMENT, DEVICES, CONDUIT & HANGERS. TYP. RE: FLOOR PLAN FOR NEW FIXTURE LOCATIONS. RE: ELECTRICAL DWGS

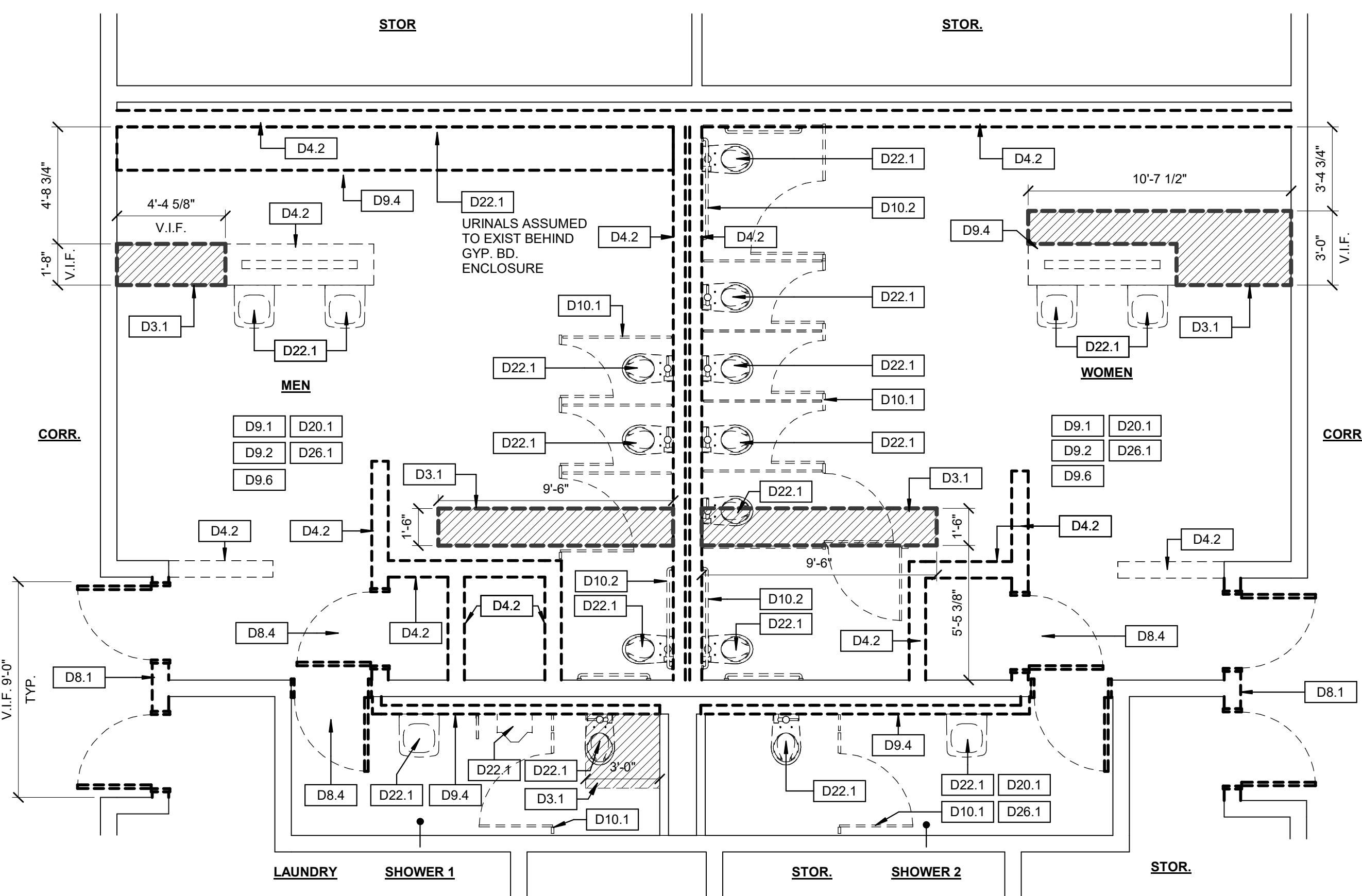


LEVEL 1 - OVERALL FIRST FLOOR - DEMOLITION PLAN
Scale: 1/16" = 1'-0"
TRUE NORTH



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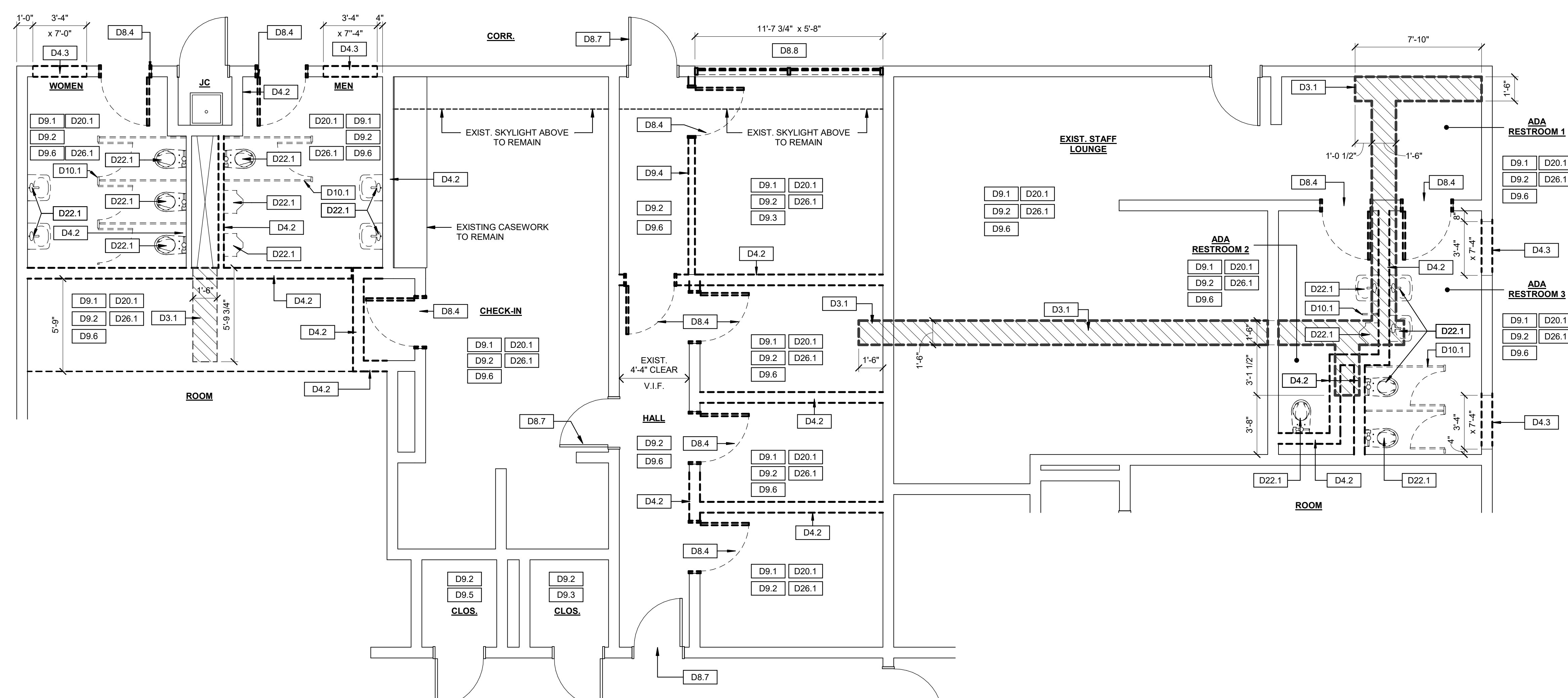
PLAN NORTH
TRUE NORTH
1 LEVEL 1 - DETAIL DEMOLITION PLAN - NW BATHROOMS
Scale: 1/4" = 1'-0"

DEMOLITION LEGEND

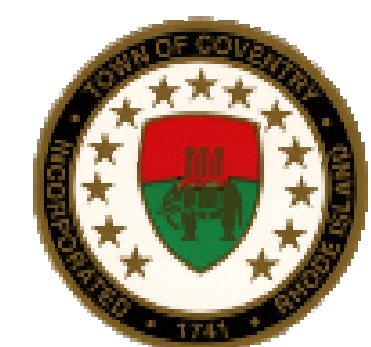
- EXISTING WALL/ITEM TO REMAIN
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- R&D = REMOVE & DISPOSE OF
- # WORK NOTES WITHOUT AN ARROW INDICATE AN ENTIRE SPACE/AREA.
- # WORK NOTES WITH AN ARROW(S) INDICATE SPECIFIC AREAS &/OR ITEMS.
- N.I.C. (NOT IN CONTRACT)
- DEMO PORTION OF FLOOR SLAB. SEE NOTE [D-3.1]
- DEMO PORTION OF FLOOR SLAB. SEE NOTE [D-3.2]
- RE: DEMO NOTED [D-9.1]

PLAN DEMOLITION WORK NOTES

- D3.1 SAWCUT, R&D PORTION OF EXISTING CONC. SLAB AS REQ'D FOR NEW SANITARY CONNECTION. RE: PLUMBING
- D4.2 R&D INTERIOR CMU PARTITION WALL. PATCH & REPAIR FLOOR SLAB AS REQ'D. TYP.
- D4.3 R&D PORTION OF INTERIOR CMU PARTITION WALL FOR INSTALLATION OF NEW DOOR. PATCH & REPAIR FLOOR SLAB AS REQ'D. TYP.
- D8.1 R&D EXISTING INFILL WALL AND EXISTING DOORS & FRAMES BACK TO EXISTING MASONRY OPENING. PREPARE OPENING FOR NEW WORK. PATCH AND REPAIR ANY DAMAGE TO ADJACENT WALLS. TO REMAIN TYP.
- D8.4 R&D EXISTING INTERIOR DOOR(S), FRAME, AND HARDWARE. PATCH AND REPAIR ANY DAMAGE TO ADJACENT WALLS TO REMAIN. TYP.
- D8.7 R&D EXISTING INTERIOR DOOR HARDWARE. EXISTING DOOR SLAB TO REMAIN. TYP.
- D8.8 R&D EXISTING GLAZED OPENING IN CORRIDOR WALL. PREPARE FOR INFILL. TYP.
- D9.1 R&D EXISTING FLOORING, FLOORING ADHESIVES, ADHESIVE RESIDUE, DOWN TO SLAB/SUBSTRATE. FLASH PATCH/PREP FLOOR FOR NEW FLOORING INSTALLATION. COORDINATE REQUIREMENTS W/ FLOORING MFR REQUIREMENTS. REMOVE WALL BASE. TYP.
- D9.2 R&D EXISTING WALL BASE. PATCH AND REPAIR EXISTING WALL & PREPARE FOR NEW WORK.
- D9.3 REMOVE LOOSE OR FLAKING PAINT FROM EXISTING CEILING AND RECTANGULAR ACoustic PANELS. PREPARE FOR NEW PAINT FINISH.
- D9.4 R&D EXISTING INTERIOR MTL. STUD PARTITION IN ITS' ENTIRETY. PATCH & REPAIR ANY ADJACENT EXISTING CONSTRUCTION TO REMAIN. TYP.
- D9.5 REMOVE LOOSE OR FLAKING PAINT FROM EXISTING CEILING. PREPARE FOR NEW PAINT FINISH.
- D9.6 R&D EXISTING SUSPENDED ACT CEILING AND GRID IN ITS' ENTIRETY, INCLUDING ANY ELECTRICAL & MECHANICAL FIXTURES AND ACCESSORIES. TYP.
- D10.1 R&D EXISTING TOILET PARTITIONS IN THEIR ENTIRETY. PATCH, REPAIR & PREP FLOOR &/OR WALL AS REQ. FOR NEW SCHED. FINISHES.
- D10.2 R&D EXISTING TOILET AND BATH ACCESSORIES. PATCH, REPAIR & PREP FLOOR &/OR WALL AS REQ. FOR NEW SCHED. FINISHES.
- D20.1 R&D ALL DEFUNCT MECHANICAL EQUIPMENT, DUCTWORK, PIPING & HANGERS. RE: MECHANICAL DWGS
- D22.1 R&D EXISTING PLUMBING FIXTURE(S) AND ALL ASSOCIATED FITTINGS OR ACCESSORIES, ANY ASSOCIATED CASEWORK, AND ANY ADA GRAB BARS. CAP PIPING AT OR BELOW FLOOR. PREP FLOOR & WALL AS REQ. TYP. RE: PLUMBING DWGS.
- D26.1 R&D ALL DEFUNCT ELECTRICAL EQUIPMENT, DEVICES, CONDUIT & HANGERS TYP. RE: FLOOR PLAN FOR NEW FIXTURE LOCATIONS. RE: ELECTRICAL DWGS



PLAN NORTH
TRUE NORTH
2 LEVEL 1 - SOUTH CENTER BLOCK - DETAIL DEMOLITION PLAN
Scale: 1/4" = 1'-0"



CODE DATA

I. BUILDING & FIRE CODE DATA

RHODE ISLAND STATE BUILDING CODES

SBC-01-2021	BUILDING CODE	IBC-2018 plus RI Amendments
SBC-03-2021	PLUMBING CODE	IPC-2018 plus RI Amendments
SBC-04-2021	MECHANICAL CODE	IMC-2018 plus RI Amendments
SBC-05-2021	ELECTRIC CODE	NEC-2020 plus RI Amendments
SBC-08-2021	ENERGY CONSERVATION CODE	IECC-2018 plus RI Amendments
SBC-19-2021	FUEL GAS CODE	IFGC-2018 plus RI Amendments

RI ACCESSIBILITY REGULATIONS
SBC-1-2021 IBC-2018 Chapter 11;
ICCANS A117.1 2009 plus RI Amendments 2010 07 01
AMERICANS w/ DISABILITIES ACT (ADA - 2010)

SRC-01-2002 RI State Rehabilitation Building & Fire Code for Existing Buildings & Structures 2002 05 01

RHODE ISLAND FIRE SAFETY CODE (RIFSC-2021)

RHODE ISLAND FIRE LAWS (RIFL)
TITLE 23, CHAPTERS 28.1 - 28.39

RULES & REGULATIONS PROMULGATED BY the Board of Appeals & Review
SECTIONS 1 THRU 15

RHODE ISLAND UNIFORM FIRE CODE (RIUFC - 2021)

NFPA 1-2018 plus RI AMENDMENTS

RHODE ISLAND LIFE SAFETY CODE (RILSC - 2021)

NFPA 101-2018 plus RI AMENDMENTS 2019

ADDITIONAL APPLICABLE NFPA STANDARDS

NFPA 10	2013 PORTABLE FIRE EXTINGUISHERS
NFPA 72	2019 NATIONAL FIRE ALARM CODE PLUS RI AMENDMENTS
NFPA 220	2015 STANDARD OF TYPES OF BUILDING CONSTRUCTION
NFPA 701	2010 STANDARD METHOD OF FIRE TESTS FOR FLAME PROPAGATION OF TEXTILES

A. OCCUPANCY & USE

(IBC CHAPTERS 3 & 4)

NFPA 101 (CHAPTER 39 Existing Business Occupancies)

EXISTING: NO CHANGE OF USE

(USES < 10% ACCESSORY TO THE PRIMARY USE)

BUSINESS (B) USE WITH ACCESSORY ASSEMBLY (A-1 & A-3) & STORAGE (S-1)

ACCESSORY ASSEMBLY A-1 AREA:

TOTAL: 2,833.64 SF ± 2.5% (< 10% ACCESSORY TO THE PRIMARY USE)

ACCESSORY ASSEMBLY A-3 AREA:

TOTAL: 9,010.47 SF ± 8.1%

ACCESSORY STORAGE FIRST FLOOR:

ACCESSORY STORAGE SECOND FLOOR:

TOTAL: 11,959.38 SF ± 9.9%

B. CONSTRUCTION TYPES & SEPARATION REQUIREMENTS

- IBC CHAPTER 5

CONSTRUCTION TYPE: IB (IBC TABLE 503) NOT SPRINKLERED

II(000) NFPA 220 NOT SPRINKLERED

EXISTING 1-HR RATED SEPARATION BETWEEN USE GROUPS

BUILDING ELEMENT	RATING IN HOURS	
	IBC (Table 601) IIB	NFPA 220 (Table 4.1.1) II(000)
STRUCTURAL FRAME	0	0
BEARING WALLS		
EXTERIOR	0	0
INTERIOR	0	0
NON BEARING WALLS AND PARTITIONS		
EXTERIOR	0	0
NON BEARING WALLS AND PARTITIONS		
INTERIOR	0	0
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	0	0
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS	0	0

C. ALLOWABLE AREA & HEIGHT

1. BUILDING AREA (IBC TABLE 506.2 FOR IIB CONSTRUCTION NS - NOT SPRINKLERED):

OCCUPANCY: B (BUSINESS) NO CHANGE OF USE = 23,000 GSF / FLOOR

2. BUILDING HEIGHT (IBC TABLE 504.3 FOR IIB CONSTRUCTION)

OCCUPANCY CLASSIFICATION: B = 3 STORIES / 55' ABOVE GRADE

ACTUAL AREA & HEIGHT

1. BUILDING AREA

EXISTING FIRST LEVEL

EXISTING SECOND LEVEL

TOTAL BUILDING AREA +/- 111,275.75 GSF

SRC-1-2022 RI State Rehabilitation Building & Fire Code for Existing Buildings & Structures 2022 01 22

REPAIRS (CH 3) AND ALTERATIONS (CH 5) PROPOSED WORK AREA = +/- 31,680 SF (28.5%)

2. BUILDING HEIGHT

EXISTING BUILDING HEIGHT = 2 STORIES / 28'-0" ABOVE GRADE (NO CHANGE PROPOSED)

D. FIRE RESISTANCE-RATED CONSTRUCTION

- 1HR FOR LAUNDRY ROOMS OVER 100SF (IBC TABLE 509.1)
- 1HR RATED CORRIDORS (FIRE PARTITION) FOR NON SPRINKLERED BUILDING (IBC 1020.1)
- 1HR RATING FOR HAZARDOUS ROOMS INCLUDING BUT NOT LIMITED TO BOILER ROOM, GENERAL STORAGE, MAINTENANCE SHOPS. PER NFPA 101 39.3.2.1

E. INTERIOR FINISHES (IBC TABLE 603.13) & (NFPA 39.3.2.1)

- CLASS A FINISHES SHALL BE PROVIDED IN ALL INTERIOR EXIT STAIRWAYS AND RAMPS AND EXIT PASSAGEWAYS
- CLASS B OR BETTER FINISHES WILL BE PROVIDED IN ALL CORRIDORS AND ENCLOSURES FOR EXIT ACCESS STAIRWAYS AND RAMPS
- CLASS C OR BETTER FINISHES WILL BE PROVIDED IN ALL ROOMS AND ENCLOSED SPACES

F. FIRE PROTECTION

- FIRE ALARM SYSTEM
RI UNIFORM FIRE CODE 13.7 & 13.8 & NFPA 72 RI LIFE SAFETY CODE REQUIRES A FIRE ALARM SYSTEM.

G. OCCUPANCY LOADS

1. OCCUPANCY LOAD FACTORS

IBC TABLE 1004.5	NFPA 101 TABLE 7.3.1.2
(A-1) ASSEMBLY FIXED SEATING	# OF SEATS PROVIDED
(A-3) ASSEMBLY UNCONCENTRATED BUSINESS	15 SF./NET
COMMERCIAL KITCHEN	150 SF./PERSON GROSS
EXERCISE ROOMS	200 SF./PERSON GROSS
LIBRARY READING ROOM	50 SF./PERSON GROSS
LOCKER ROOM	50 SF./PERSON GROSS
MERCANTILE BASEMENT & GRADE STAGES OR PLATFORMS	60 SF./PERSON GROSS
ACCESSORY MECH. / STORAGE	15 SF./NET
	300 SF./PERSON GROSS

2. OCCUPANCY LOAD PER FLOOR

FIRST LEVEL	AREA (GROSS)	OCCUPANCY
ASSEMBLY FIXED SEATING	2,833.64 GSF	235 SEATS
ASSEMBLY UNCONCENTRATED BUSINESS	9,010.47 GSF	601 OCCUPANTS
LOCKER ROOMS	44,207.86 GSF	295 OCCUPANTS
MERCANTILE	1,605.34 GSF	32 OCCUPANTS
STAGES OR PLATFORMS	786.86 GSF	26 OCCUPANTS
STORAGE / MECHANICAL CIRCULATION/BATHROOMS	783.22 GSF	53 OCCUPANTS
WALLS/SHAFTS	8,437.31 GSF	28 OCCUPANTS
	20,295.89 GSF	-
	12,622.13 GSF	-
	100,424.75 GSF	1,270 OCCUPANTS
SECOND LEVEL		
STORAGE / MECHANICAL EXERCISE AREA	4,035.75 GSF	14 OCCUPANTS
LOCKER ROOM	2,920.14 GSF	60 OCCUPANTS
CIRCULATION/BATHROOMS	1,444.09 GSF	29 OCCUPANTS
WALLS / SHAFTS	566.03 GSF	-
	1,885.01 GSF	-
	10,851.02 GSF	74 OCCUPANTS
TOTAL:	111,275.75 GSF	1,344 OCCUPANTS

H. EGRESS REQUIREMENTS

1. MAXIMUM TRAVEL DISTANCE - (NFPA 101 SECTION 39.2.6.2 - IBC TABLE 1017.2)

B BUSINESS (NOT SPRINKLERED)

IBC 200 LF

NFPA 101 200 LF

ACTUAL 194.17 LF

2. COMMON PATH - (NFPA 101 SECTION 39.2.5.3.3 - IBC SECTION 1006.2.1)

B BUSINESS (NOT SPRINKLERED)

IBC 75 LF

NFPA 101 75 LF

ACTUAL 22.17 LF

3. DEAD END CORRIDOR - NFPA 101 SECTION 39.5.2 - IBC SECTION 1020.4

B BUSINESS (NOT SPRINKLERED)

IBC 20 LF

NFPA 101 50 LF

ACTUAL 9.67 LF

4. MEANS OF EGRESS (IBC SECTION 1005.1 & 1018.4)

NUMBER AND WIDTH REQUIRED

DOOR WIDTH (NOT SPRINKLERED)

IBC 0.2"/PER PERSON (32" MIN. CLEAR WIDTH)

NFPA 101 0.2"/PER PERSON (32" MIN. CLEAR WIDTH)

STAIR WIDTH (NOT SPRINKLERED)

IBC 0.3"/PER PERSON (48" MIN. CLEAR WIDTH FOR ACCESSIBLE)

NFPA 101 0.3"/PER PERSON (44" MIN. CLEAR WIDTH BETWEEN GUARDS)

TOTAL EXITS REQUIRED: IBC SECTION 1006.2.1.1 & TABLE 1006.3.2 - 4 EXITS PER FLOOR

REQUIRED EGRESS WIDTHS (MORE STRINGENT OF ABOVE)

CORRIDORS: 44" MIN. WIDTH

DOORS: (1ST FLR.) TOTAL WIDTH REQUIRED FOR DOORS = 0.2 x OCCUPANT LOAD (1,315) = 263" OR 32" MIN. (1ST FLR.) TOTAL CLEAR DOOR WIDTH PROVIDED = 8(97") + 6(33") = 369"

(2ND FLR.) TOTAL WIDTH REQUIRED FOR DOORS = 0.2 x OCCUPANT LOAD (97) = 19.4" OR 32" MIN. (2ND FLR.) TOTAL CLEAR DOOR WIDTH PROVIDED = 32 x 3 = 96" EXISTING

STAIRS: (1st to 2nd FLOOR) TOTAL WIDTH REQUIRED FOR STAIRS = 0.3 x OCCUPANT LOAD (97) = 29.1" OR 44" MIN. (1st to 2nd FLOOR) TOTAL STAIR WIDTH PROVIDED = 37" + 53" + 56" = 146" EXISTING

I. SEISMIC CRITERIA

EXISTING BUILDING n/a

J. STRUCTURAL LOADS

EXISTING BUILDING n/a

K. ENERGY CONSERVATION (IECC)

BUILDING ENVELOPE REQUIREMENTS & DESIGN CRITERIA: OPAQUE ASSEMBLIES

RI - IECC - 2018 TABLE 402.3 CLIMATE ZONE 5

PROPOSED DESIGN

ROOFS INSULATION ENTIRELY ABOVE DECK METAL BUILDINGS (w/ R-5 THERMAL BLOCKS) ATTIC AND OTHER

R-30ci R-19 + R-11 LS R-38

WALLS ABOVE GRADE MASS, INTERIOR INSULATION METAL BUILDING

R-11.4 ci R-7.6 ci R-13 + R-13 ci R-13 + R-7.5 ci OR U-0.076 + U-0.13 ci R-19/R-3.8ci or R-20

WOOD FRAMED AND OTHER

WALLS BELOW GRADE MASS, EXTERIOR INSULATION MASS, INTERIOR INSULATION

R-7.5 -

FLOORS MASS, METAL JOIST / FRAMING

R-10 - R-30

SLAB ON GRADE FLOORS UNHEATED SLABS HEATED SLABS

R-10 (for 2" below) R-15 (for 3" below) + R-5 FULL SLAB

OPAQUE DOORS SWINGING

U-0.37 R-4.75 ci U-0.37 R-4.75 ci

ROLL UP OR SLIDING

U-0.37 R-4.75 ci U-0.37 R-4.75 ci

BUILDING ENVELOPE REQUIREMENTS & DESIGN CRITERIA: FENESTRATION ASSEMBLIES

Vertical Fenestration (40% max. of above-grade wall)

RI - IECC TABLE 402.4 CLIMATE ZONE 5

PROPOSED DESIGN

FIXED FENESTRATION OPERABLE FENESTRATION ENTRANCE DOOR

U-0.38 U-0.45 U-0.77

SHGC: PF< 0.2 SHGC: 0.2 ± PF< 0.5 SHGC: PF>0.5 SKYLIGHTS FACTORY ASSEMBLED FENESTRATION PRODUCTS U-FACTOR SHGC

U-0.38 U-0.38 U-0.50 U-0.40

ALL FRAME TYPES U-0.38 SEW / U-0.51 N U-0.46 SEW / U-0.50 N U-0.61 SEW / U-0.61 N

SHGC = SOLAR HEAT GAIN COEFFICIENT

U-T = VISIBLE LIGHT TRANSMITTANCE

PF = PROJECTION FACTOR

PF = A/B

A = DISTANCE MEASURED HORIZONTALLY FROM THE FURTHEST CONTINUOUS EXTREMITY OF ANY OVERHANG, EAVE, OR PERMANENTLY ATTACHED SHADING DEVICE TO THE VERTICAL SURFACE OF THE GLAZING.

B = DISTANCE MEASURED VERTICALLY FROM THE BOTTOM OF THE GLAZING TO THE UNDERSIDE OF THE OVERHANG, EAVE, OR PERMANENTLY ATTACHED SHADING DEVICE.

L. PLUMBING FIXTURE ANALYSIS (BASED ON IBC chapter 29, Table 2902.1, IPC TABLE 403.1)

BUSINESS - BASED ON 295 OCCUPANTS, 147.5 MALE, 147.5 FEMALE

FIXTURES	CODE REQUIREMENT	CODE REQUIREMENT		
		MALE	FEMALE	TOTAL
WATER CLOSETS	1/125 - MALE 1/65 - FEMALE	2	3	5
URINALS	NOT MORE THAN 50%			
LAVATORIES	1/200	1	1	2
DRINKING FOUNTAINS	1/500			1
SERVICE SINK	1			1

ASSEMBLY (A1) - BASED ON 308 OCCUPANTS, 153 MALE, 153 FEMALE

FIXTURES	CODE REQUIREMENT	CODE REQUIREMENT		
		MALE	FEMALE	TOTAL
WATER CLOSETS	1/125 - MALE 1/65 - FEMALE	2	3	5
URINALS	NOT MORE THAN 50%			
LAVATORIES	1/200	1	1	2
DRINKING FOUNTAINS	1/500			1
SERVICE SINK	1			1

ASSEMBLY (A3) - BASED ON 601 OCCUPANTS, 301 MALE, 301 FEMALE

FIXTURES	CODE REQUIREMENT	CODE REQUIREMENT		
		MALE	FEMALE	TOTAL
WATER CLOSETS	1/125 - MALE 1/65 - FEMALE	3	5	8
URINALS	NOT MORE THAN 50%			
LAVATORIES	1/200	2	2	4
DRINKING FOUNTAINS	1/500			2
SERVICE SINK	1			1

TOTAL PLUMBING FIXTURES FOR PROJECT:

FIXTURES	EXIST. TO REMAIN			NEW WORK				PROJ. TOTAL
	MALE	FEMALE	TOTAL	MALE	FEMALE	UNI	TOTAL	
WATER CLOSETS	4	7	11	7	11	3	21	32
URINALS	11	N/A	11	4	N/A	N/A	4	15
LAVATORIES	3	4	7	9	9	3	21	28
TRANSFER TYPE SHOWER	0	0	0	1	1	0	2	2
DRINKING FOUNTAINS			3				?	?
SERVICE SINK			1				2	3

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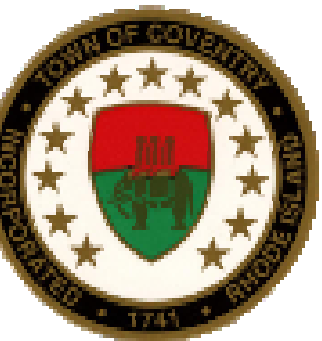
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ANNEX



1675 FLAT RIVER ROAD
COVENTRY, RI 02816

Drawing Status
FOR CONSTRUCTION

Issued On 08/02/2024

Sheet Contents
CODE REVIEW

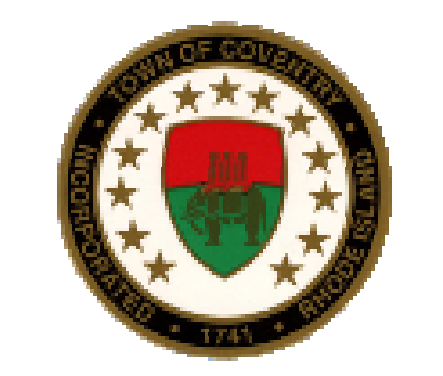
Project Number. 6834

Drawing No.

A010

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COVENTRY TOWN HALL ANNEX



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Sheet Contents
CODE REVIEW PLAN

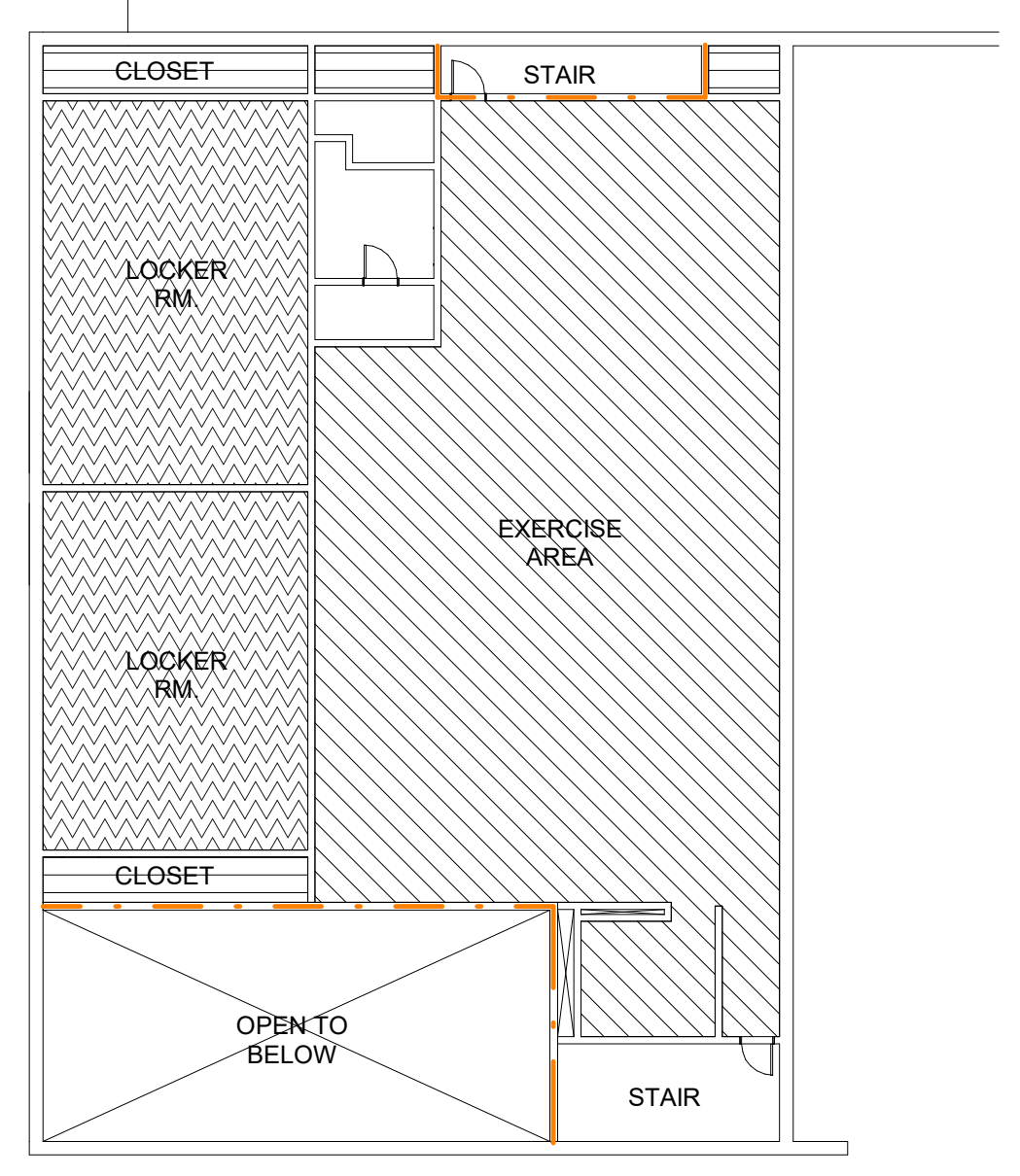
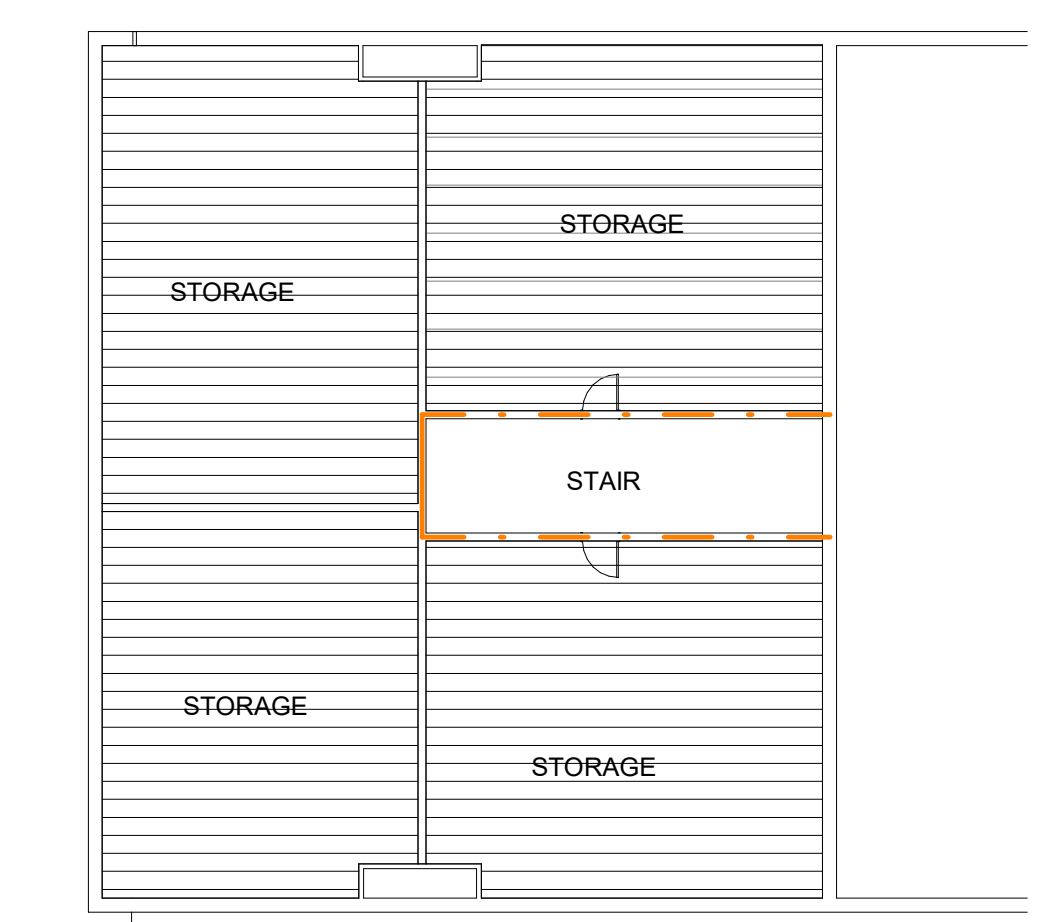
Project Number. 6834

Drawing No. **A015**

Sheet of

- KEY**
- OCCUPANT LOAD INDICATOR
 - AREA OF BUSINESS USE
 - TOTAL OCCUPANTS
 - LOAD FACTOR FROM TABLE 1008.1.2
 - EGRESS ELEMENT LOAD INDICATOR
 - ACTUAL OCCUPANT LOAD PASSING THROUGH DOOR/STAIR
 - ALLOWABLE OCCUPANT LOAD OF DOOR/STAIR
 - TRAVEL DISTANCE
 - COMMON PATH OF TRAVEL
 - SMOKE WALL
 - 1HR WALL
 - 2HR WALL
- OCCUPANCY DESIGNATIONS LEGEND**
- ASSEMBLY - FIXED SEATS
 - ASSEMBLY - UNCONCENTRATED
 - BUSINESS
 - MERCANTILE - BASEMENT & GRADE
 - STORAGE / MECHANICAL
 - EXERCISE
 - LOCKER ROOM
 - STAGES OR PLATFORMS
 - CIRCULATION/BATHROOMS
- FIRE EXTINGUISHER LEGEND (NFPA 10)**
- FEC #1 3A-40BC (UL RATING), SURFACE MOUNTED

- LEGEND**
- SITE HYDRANT
 - EXISTING EXIT SIGNAGE
 - EXIT SIGNAGE
 - EGRESS EXIT
 - FIRE ALARM CONTROL PANEL
 - ANNUNCIATOR PANEL
 - INSPECTORS TEST VALVE
 - NEW FIRE EXTINGUISHER
 - EXISTING FIRE EXTINGUISHER
 - KNOX BOX
 - PHYSICALLY CHALLENGED ACCESSIBLE



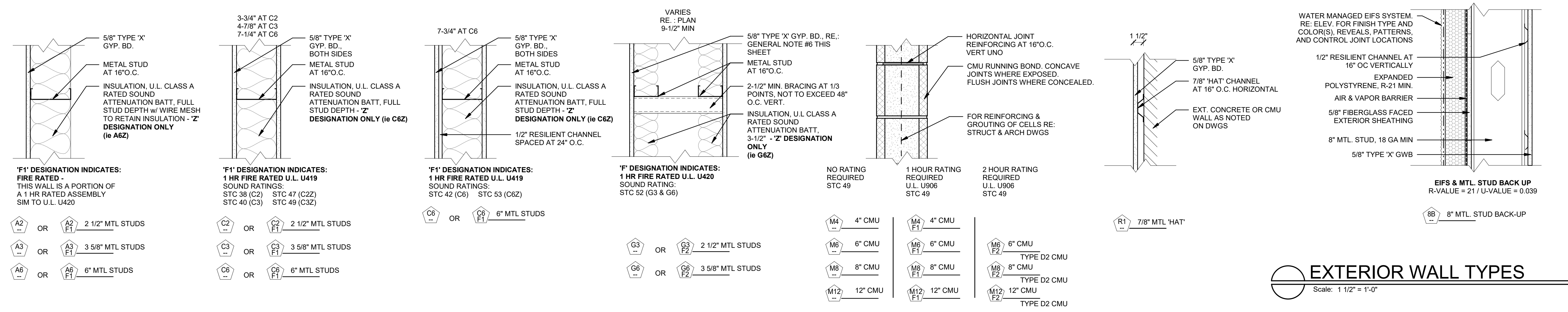
PLAN NORTH
2 LEVEL 2 - CODE REVIEW PLAN
Scale: 1/16" = 1'-0"

PLAN NORTH
1 LEVEL 1 - CODE REVIEW PLAN
Scale: 1/16" = 1'-0"

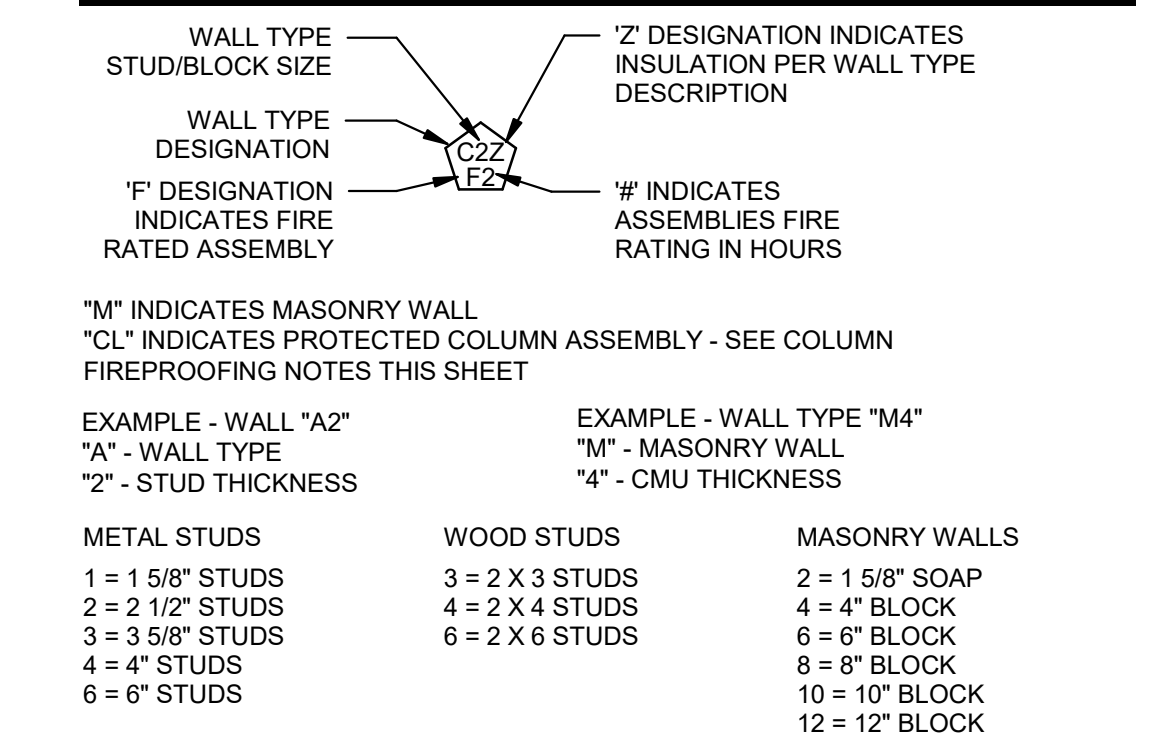
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INTERIOR WALL DESIGNATIONS:

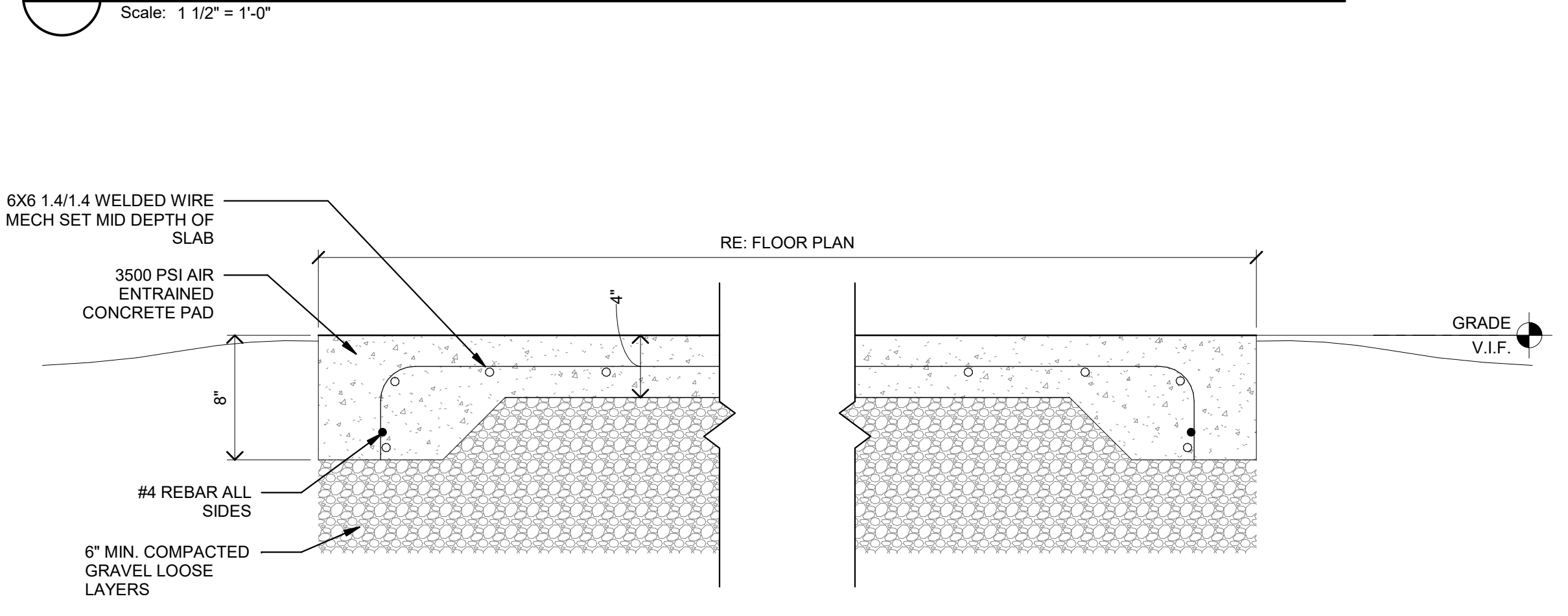


TYPICAL CONTROL JOINTS

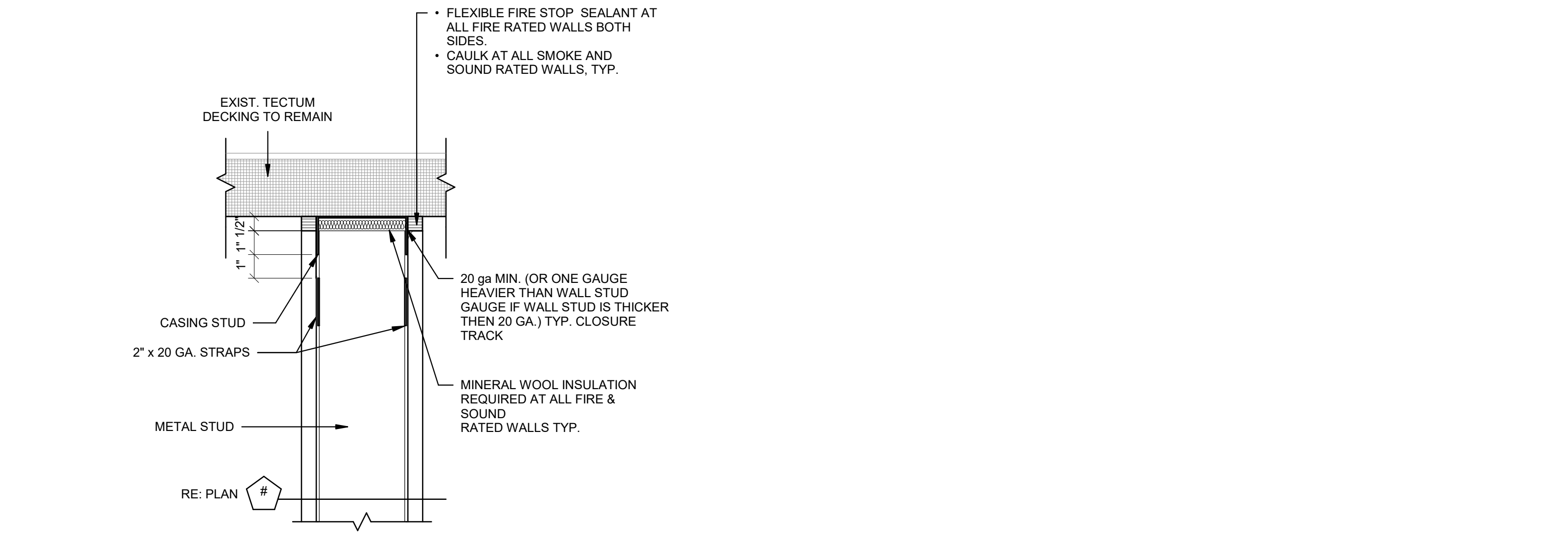
DEPTH < WIDTH < 1/2" MIN.
DEPTH = WIDTH/2
DEPTH = 1/2" MAX.
WIDTH < 1/2"
WIDTH 1/2" to 1"
WIDTH 1" to 2"

Drawn by MW, PD, AL
Checked by JCI
Revised on

INTERIOR WALL CONSTRUCTION TYPES



EXTERIOR WALL TYPES



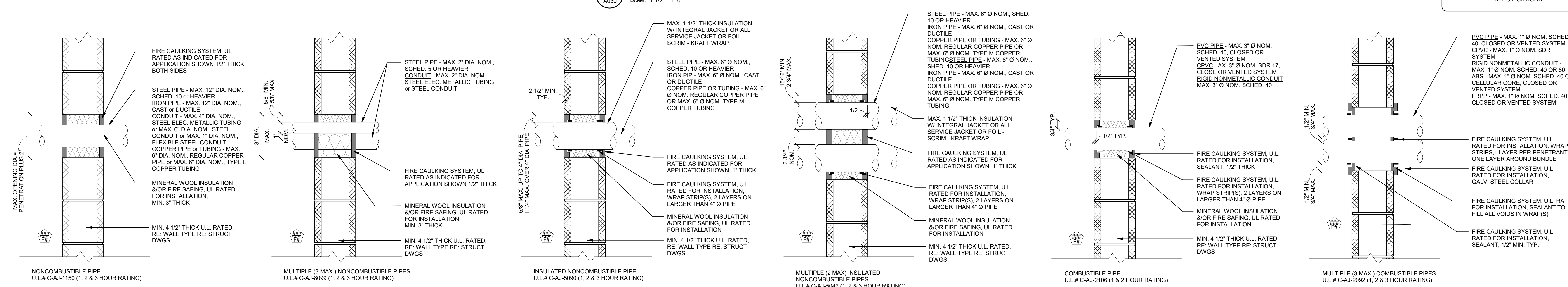
GENERAL NOTES:

1. ALL GYPSUM SHEATHING/WALL BOARD IS TYPE "X".
2. PROVIDE METAL STUD GAUGE AS RECOMMENDED BY STUD MFG. FOR WALL LIVE LOAD OF 5 psf FOR HEIGHT OF THE UNBRACED WALL VERTICAL SPAN. MAXIMUM DEFLECTION 1/360 OF THE SPAN.
3. FOR NON-LOAD BEARING WALLS THAT SEAL TO ROOF STRUCTURE ABOVE, PROVIDE SUITABLE STUD TRACK TO ALLOW FOR MINIMUM ROOF DEFLECTION OF 1" WITHOUT TRANSFERRING LOAD TO METAL STUDS RE: STRUCTURAL DWGS. FOR MORE STRINGENT DEFLECTION INFORMATION, NOT REQUIRED AT PERIMETER INTERIOR WALLS UNLESS NOTED OTHERWISE.
4. HOLD BOTTOM OF GWB AT 1/4" ABOVE CONCRETE FLOOR TYPICAL. (TO PREVENT MOISTURE WICKING)
5. PROVIDE TYPE "X" MOISTURE RESISTANT GYPSUM WALL BOARD AT ALL TOILET ROOMS, SPRINKLER ROOMS, JANITOR CLOSETS, LOCKER ROOMS, AND WET LOCATIONS, UNLESS NOTED OTHERWISE.
6. PROVIDE 20 GA METAL STUDS MIN. AT CEMENT BOARD WALLS.
7. PROVIDE FIRE RATED CAULKING AT TOP OF ALL FIRE RATED WALLS THAT SEAL TO UNDERSIDE OF STRUCTURE. (i.e. BETWEEN METAL DECK FLUTES.)
8. ALL EXPOSED INTERIOR MASONRY WALLS TO HAVE 1" BULLNOSE CORNERS AT EXTERIOR CORNERS AND WINDOW/DOOR JAMBS UNLESS NOTED OTHERWISE.
9. STC RATINGS FOR WALL CONSTRUCTION TYPES ARE BASED ON USG CORPORATION SELECTOR GUIDE TO SOUND-RATED PARTITIONS (SA100).
10. ALL WALL SYSTEM "R" & "U" VALUES ARE BASED ON:
 - 6" METAL STUD
 - 8" NORMAL WEIGHT CMU
 - 8" NORMAL WEIGHT CONCRETE
11. ALL VAPOR BARRIERS ARE TO BE 10 MIL POLY UN. U.N.O.

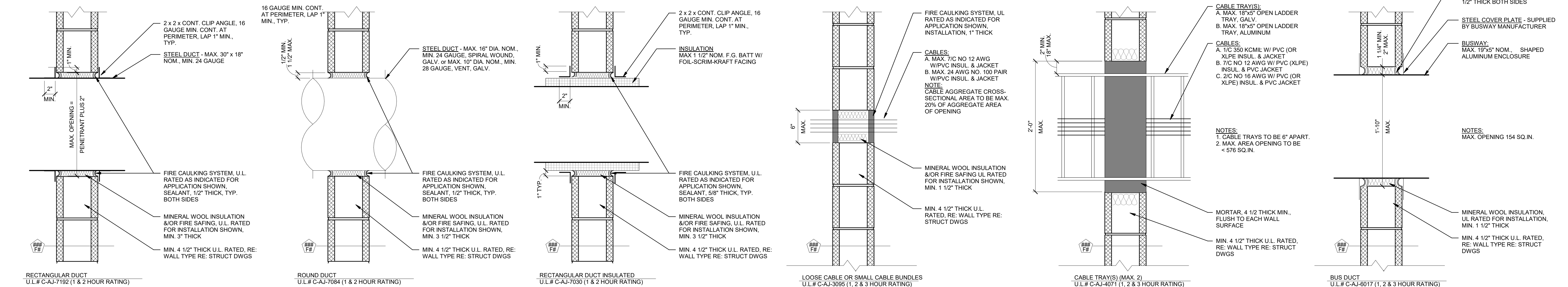
2 TYPICAL CONCRETE EQUIPMENT PAD DETAIL



4 T.O. FIRE RATED STUD WALL



3 FIRE RATED WALL ASSEMBLY PENETRATIONS - PLUMBING - CONC. OR CMU



1 FIRE RATED WALL ASSEMBLY PENETRATIONS - M & E - CONC. OR CMU



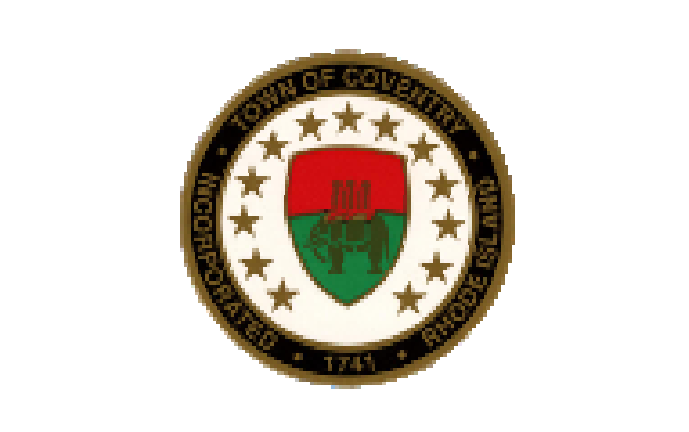
NOTE:
THIS IS A STANDARD SHEET. SOME ITEMS MAY NOT APPLY TO THIS PROJECT. FOR ADDITIONAL INFORMATION RE: SPECIFICATIONS

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Sheet Contents
PARTITION TYPES, UL PENETRATIONS

Project Number: 6834
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A030

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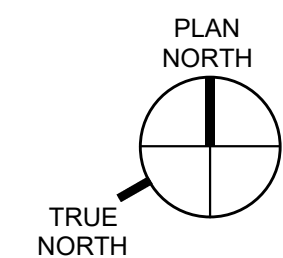
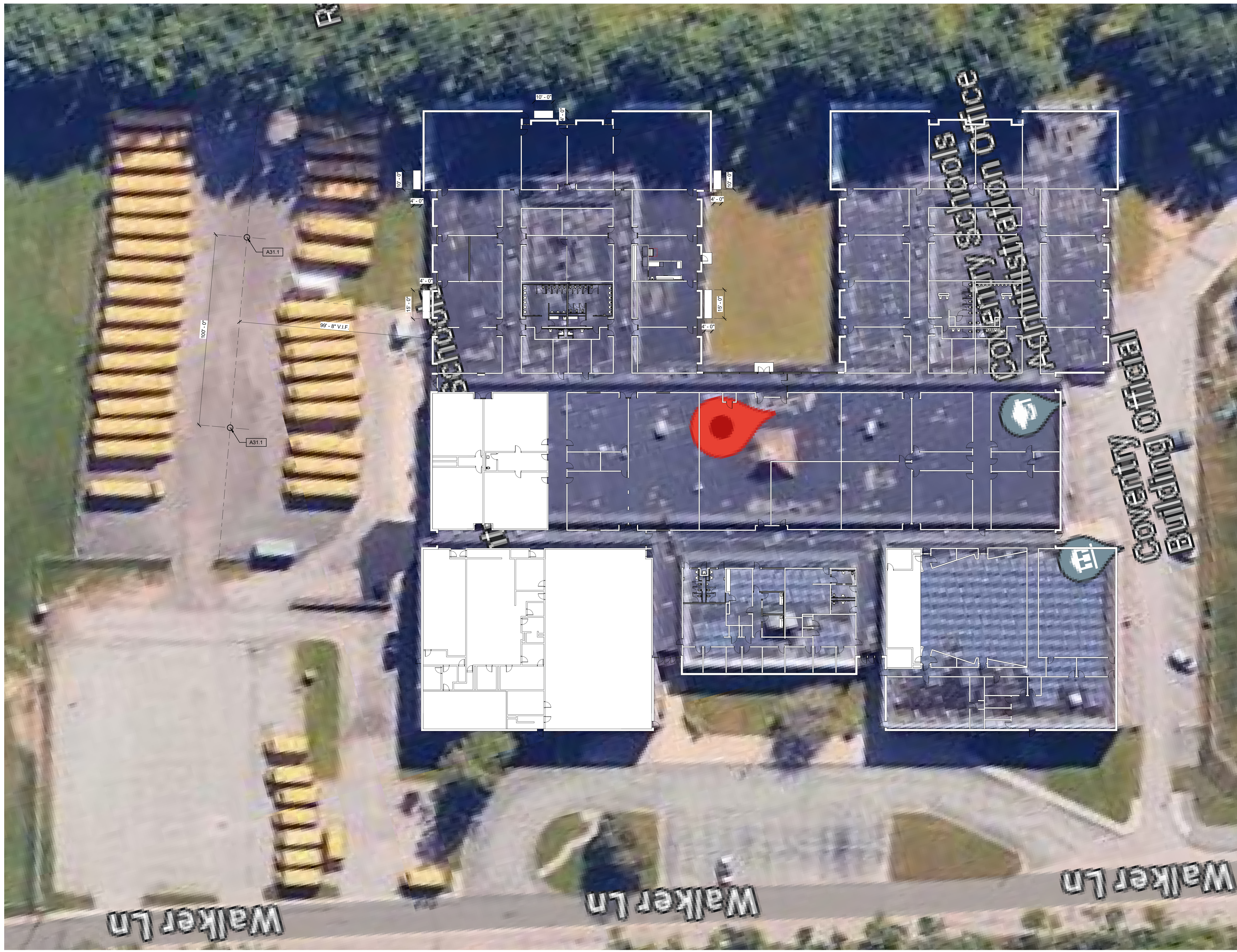
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Sheet Contents
**ARCHITECTURAL SITE
PLAN**

Project Number. 6834

Drawing No. **A050**

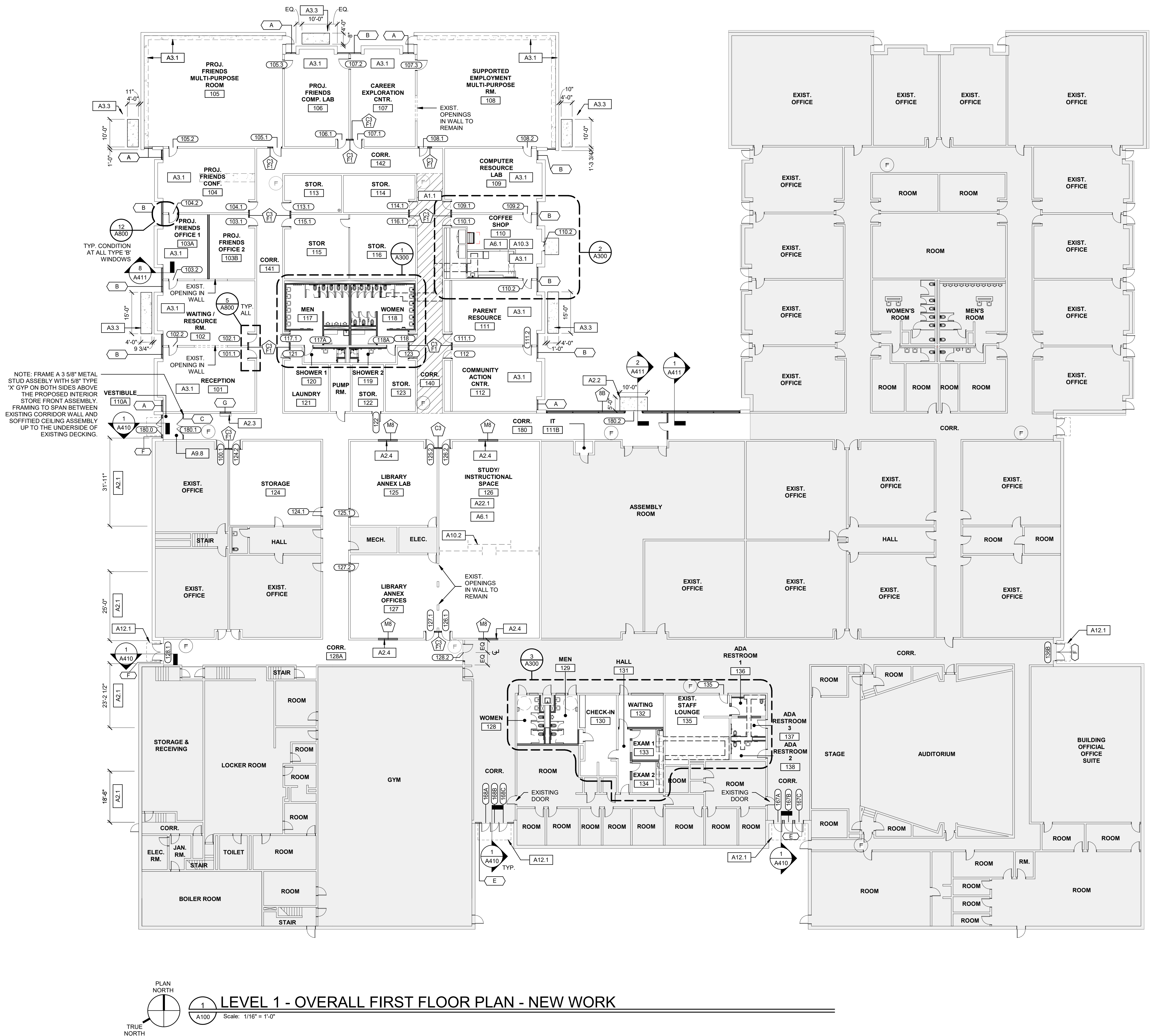
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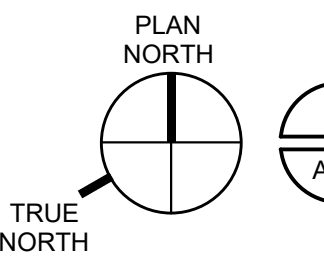
1 ARCHITECTURAL SITE PLAN
A050 Scale: 1" = 20'-0"

PLAN WORK NOTES

A31.1 F&I NEW 15' LIGHT POLE & FIXTURE WITH 36" DIAMETER PRECAST BASE. RE: ELECTRICAL AND LOW VOLTAGE DWGS.



NOTE: FRAME A 3 5/8" METAL STUD ASSEMBLY WITH 5/8" TYPE 'X' GYP ON BOTH SIDES ABOVE THE PROPOSED INTERIOR STORE FRONT ASSEMBLY FRAMING TO SPAN BETWEEN EXISTING CORRIDOR WALL AND SOFFITTED CEILING ASSEMBLY UP TO THE UNDERSIDE OF EXISTING DECKING.



LEVEL 1 - OVERALL FIRST FLOOR PLAN - NEW WORK

GENERAL PLAN NOTES

- COORDINATE ALL WORK w/ CIVIL, STRUCTURAL, PLUMBING, MECHANICAL, ELECTRICAL, FIRE PROTECTION &/OR OTHER DRAWINGS. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.
- ALL DIMENSIONS TO CONSTRUCTION ARE TO FACE OF STUD AND / OR FACE OF MASONRY (U.N.O.)
- ALL DIMENSIONS TO EXTERIOR CONSTRUCTION ARE TO FACE OF MASONRY (FOM) U.N.O.
- ALL INTERIOR WALLS ARE TO EXTEND TO THE UNDERSIDE OF ROOF &/OR FLOOR STRUCTURE ABOVE U.N.O. REFER TO A030 FOR TYPICAL WALL INTERSECTION & TERMINATION DETAILS.
- ALL DOOR FRAMES SHALL BE A MINIMUM OF 4" CLEAR FROM THE FACE OF ADJACENT WALL TO DOOR JAMB, U.N.O.
- THE FOLLOWING ITEMS ARE DESIGNATED AS FOLLOWS:
FD FLOOR DRAIN
FEC FIRE EXTINGUISHER CABINET
- FOR FULLY RECESSED FIRE EXTINGUISHER CABINETS THAT ARE LOCATED IN FIRE RATED WALLS, CABINETS ARE TO BE FIRE-RATED U.N.O.
- REFER TO ENLARGED FLOOR PLANS & INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION.
- ALL TRENCH AND FLOOR DRAINS 1" LOWER THAN MAIN FLOOR LEVELS OR ROOMS. SLOPE ALL SIDES TO DRAIN U.N.O.
- SLOPED FLOORS SHALL NOT EXCEED 2% SLOPE
- REFER TO DRAWING G001 FOR ABBREVIATIONS AND SYMBOLS DESCRIPTION.
- CONTRACTOR TO REFER TO ROOM FINISH SCHEDULE FOR ALL SPACES IDENTIFIED TO BE WITHIN THE SCOPE OF WORK

CONSTRUCTION LEGEND

- N.I.C. (NOT IN CONTRACT)
- NEW WALL/ITEM
- EXISTING WALL/ITEM
- NEW FLOORING, RE: FINISH PLAN
- PATCH & REPAIR CONC. SLAB
- F&I = FURNISH AND INSTALL
- WORK NOTES WITHOUT AN ARROW INDICATE AN ENTIRE SPACE/AREA.
- WORK NOTES WITH AN ARROW(S) INDICATE SPECIFIC AREAS &/OR ITEMS.
- NEW SURFACE MOUNTED FIRE EXTINGUISHER, 3A-40BC (UL RATING), SURFACE MOUNTED (NFPA 10)
- EXISTING FIRE EXTINGUISHER, REMOVE AND REINSTALL AFTER CORRIDORS ARE PAINTED. CONTRACTOR TO VERIFY LOCATION OF EXISTING FIRE EXTINGUISHERS IN THE FIELD.

PLAN WORK NOTES

- A1.1** F&I NEW FLOOR SLAB INFILL, RE: DETAIL 9/A800.
- A2.1** REPOINT +/- 8000 LBS OF POWERWASHED BRICK ALONG EXTERIOR NORTHERN WALLS AS REQUIRED. VERIFY EXTENT OF REPOINTING REQUIRED ALONG NORTHERN WALL IN FIELD.
- A2.2** F&I NEW CONCRETE PAD CENTERED ON DOOR, RE: 2/A030 FOR TYP. SECTION THROUGH CONCRETE PAD.
- A2.3** F&I NEW INTERIOR TEMPERED GLAZING PASS THRU WITH MOTORIZED FIRE SHUTTER IN EXISTING MASONRY OPENING. PROVIDE SOLID SURFACE ADA COUNTER. RE: A910 WINDOW TYPES AND A800 INTERIOR DETAILS FOR ASSEMBLY.
- A2.4** INFILL EXISTING CMU WALL. ALIGN WITH EXISTING PLANE OF WALL AND JOISTS.
- A3.1** F&I NEW CONCRETE SLAB INFILL IN AREAS DISTURBED DUE TO DEMOLITION OR SAWCUTTING. ENSURE SLAB JOINT IS FLUSH AND LEVEL WITH EXISTING. RE: MECH. DEMO PLANS.
- A3.3** F&I NEW EXTERIOR REINFORCED CONCRETE MECH. UNIT PAD. RE: MECH. DWGS.
- A6.1** F&I NEW MILLWORK COUNTERTOP, CABINETS AND SHELVING. RE: INTERIOR ELEVATIONS AND A800.
- A8.8** F&I NEW 2X2 TILE FLOOR FINISH AND TILE BASE. RE: FINISH SCHEDULE.
- A10.2** MOBILE PARTITION PROCURED BY OWNER, NOT CARRIED IN THE SCOPE OF WORK.
- A10.3** F&I NEW WALL MOUNTED STORAGE SHELVING. PROVIDE IN-WALL BLOCKING AS REQ'D.
- A12.1** RECLAD EXISTING CANOPY FRAMING. RE: SECTION 1/A410.
- A22.1** F&I NEW SCHEDULED PLUMBING FIXTURE. RE: PLUMBING DWGS.

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Sheet Contents
OVERALL FLOOR PLAN

Project Number. 6834
Drawing No. **A100**

Sheet of

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Checked by JCI
Revised on

CONSTRUCTION LEGEND

- N.I.C. (NOT IN CONTRACT)
- NEW WALL/ITEM
- EXISTING WALL/ITEM
- NEW FLOORING, RE: FINISH PLAN
- PATCH & REPAIR CONC. SLAB
- F&I = FURNISH AND INSTALL
- XXX WORK NOTES WITHOUT AN ARROW INDICATE AN ENTIRE SPACE/AREA.
- XXX WORK NOTES WITH AN ARROW(S) INDICATE SPECIFIC AREAS &/or ITEMS.
- F NEW SURFACE MOUNTED FIRE EXTINGUISHER, 3A-40BC (UL RATING), SURFACE MOUNTED (NFPA 10)
- F EXISTING FIRE EXTINGUISHER, REMOVE AND REINSTALL AFTER CORRIDORS ARE PAINTED. CONTRACTOR TO VERIFY LOCATION OF EXISTING FIRE EXTINGUISHERS IN THE FIELD.

TOILET ACCESSORY LEGEND

- XXX WORK NOTES WITHOUT AN ARROW INDICATE AN ENTIRE SPACE/AREA.
- XXX WORK NOTES WITH AN ARROW(S) INDICATE SPECIFIC AREAS &/or ITEMS.

TOILET ACCESSORY SCHEDULE

NOTE: PRODUCTS IN THIS SCHEDULE ARE BASIS OF DESIGN ONLY

T1	GRAB BAR	BOBRICK #B6806 SERIES (BASIS OF DESIGN)
T2	DOUBLE ROBE HOOK	BOBRICK #B6727 (BASIS OF DESIGN)
T3	SURFACE MOUNT PAPER TOWEL DISPENSER & WASTE RECEPTACLE	BOBRICK #B3979 (BASIS OF DESIGN)
T4A	MIRROR	BOBRICK #B165 (BASIS OF DESIGN)
T4B	ADA TILT MIRROR	BOBRICK #B294 (BASIS OF DESIGN)
T5	SURFACE MOUNTED SANITARY NAPKIN DISPENSER	BOBRICK #B47068 (BASIS OF DESIGN)
T6	SANITARY NAPKIN RECEPTACLE	BOBRICK #B4353 & B4354 (BASIS OF DESIGN)
T7	SOAP DISPENSER	BOBRICK #B4112 (BASIS OF DESIGN)
T8	TOILET PAPER DISPENSER	BOBRICK #B4388 (BASIS OF DESIGN)
T9	BABY CHANGING STATION - SURFACE MOUNT	KOALA BEAR CARE (BASIS OF DESIGN)
T10	SEMI-RECESSED PAPER TOWEL DISPENSER & WASTE RECEPTACLE	BOBRICK #B3974 (BASIS OF DESIGN)
T11	NOT USED	
T12	DOUBLE ROBE HOOK	BOBRICK #B672 (BASIS OF DESIGN)
T13	WALL MOUNTED URINAL PARTITION	BRADLEY CORP - SERIES 500 (BASIS OF DESIGN)
T14	TOILET PARTITIONS - PHENOLIC PLASTIC PANEL SYSTEM - FLOOR MOUNTED 8' HIGH	BRADLEY CORP - SERIES 500 (BASIS OF DESIGN)

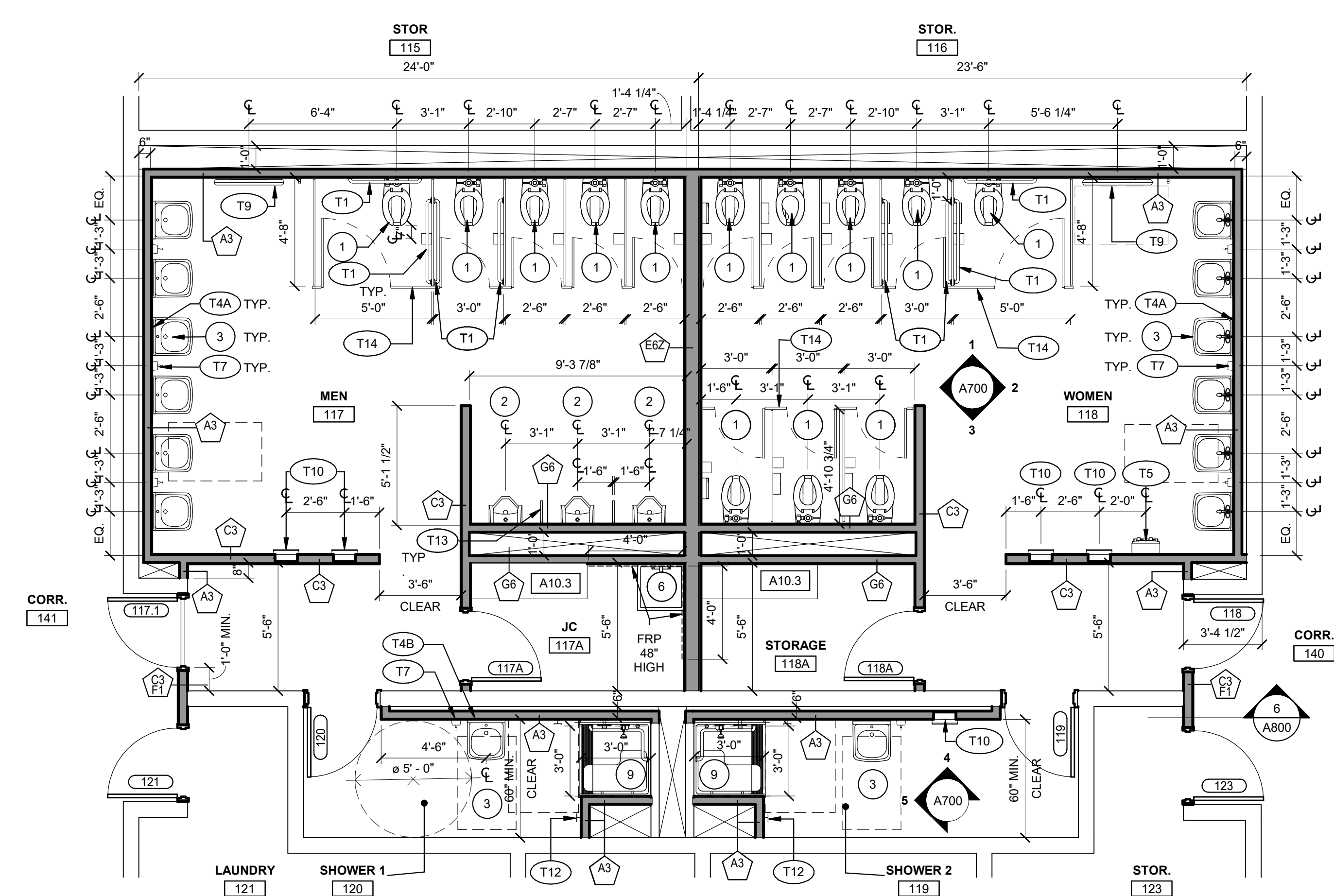
PLUMBING FIXTURE SCHEDULE

**REFER TO A700 FOR MOUNTING HEIGHT REQUIREMENTS FOR FIXTURES AND ACCESSORIES
**REFER TO PLUMBING DRAWINGS FOR SPECIFIC FIXTURE REQUIREMENTS.

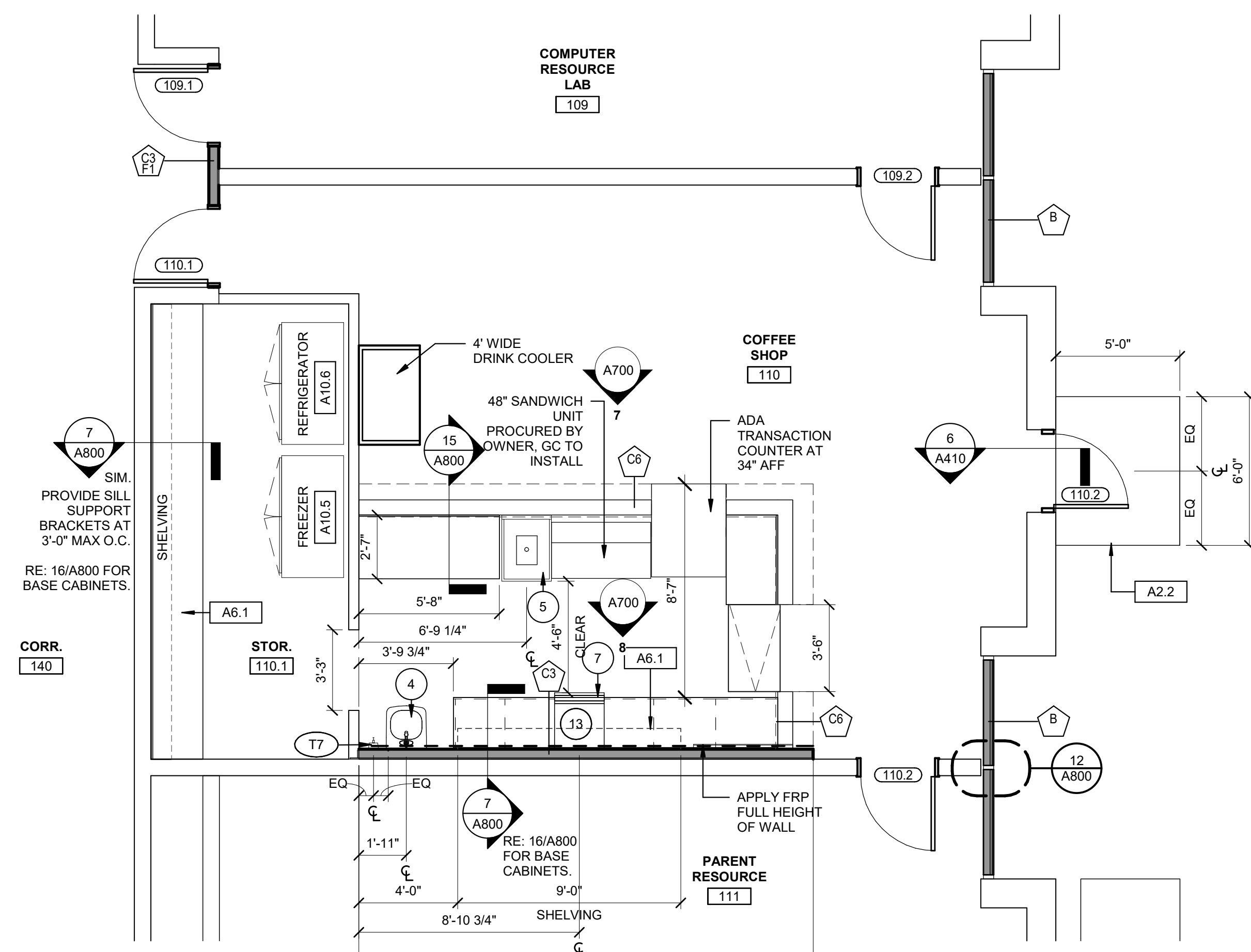
- 1 WALL MOUNT FLUSH VALVE TOILET
- 2 URINAL
- 3 LAVATORY SINK
- 4 HAND SINK
- 5 PREP SINK
- 6 MOP SINK
- 7 UNDER COUNTER DISHWASHER
- 8 3 BAY SINK
- 9 ADA TRANSFER TYPE SHOWER STALL
- 10 DROP IN SINK
- 11 DISHWASHER

PLAN WORK NOTES

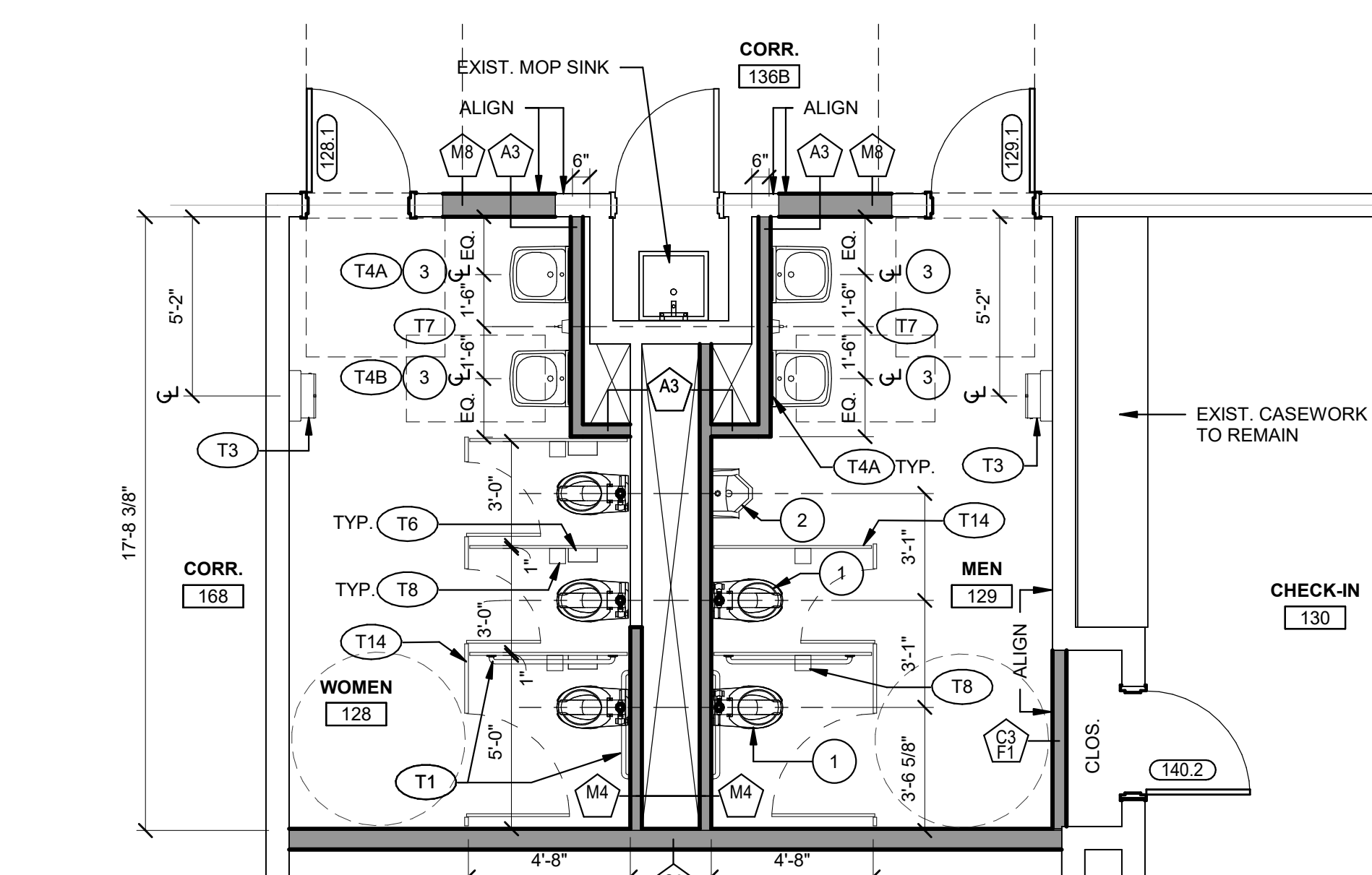
- A2.2** F&I NEW CONCRETE PAD CENTERED ON DOOR, RE: 2/A030 FOR TYP. SECTION THROUGH CONCRETE PAD.
- A6.1** F&I NEW MILLWORK COUNTERTOP, CABINETS AND SHELVING, RE: INTERIOR ELEVATIONS AND A800.
- A10.3** F&I NEW WALL MOUNTED STORAGE SHELVING PROVIDE IN-WALL BLOCKING AS REQ'D.
- A10.5** F&I NEW COMMERCIAL FREEZER, RE: ELECTRICAL AND PLUMBING DRAWINGS.
- A10.6** F&I NEW COMMERCIAL COOLER, RE: ELECTRICAL AND PLUMBING DRAWINGS.



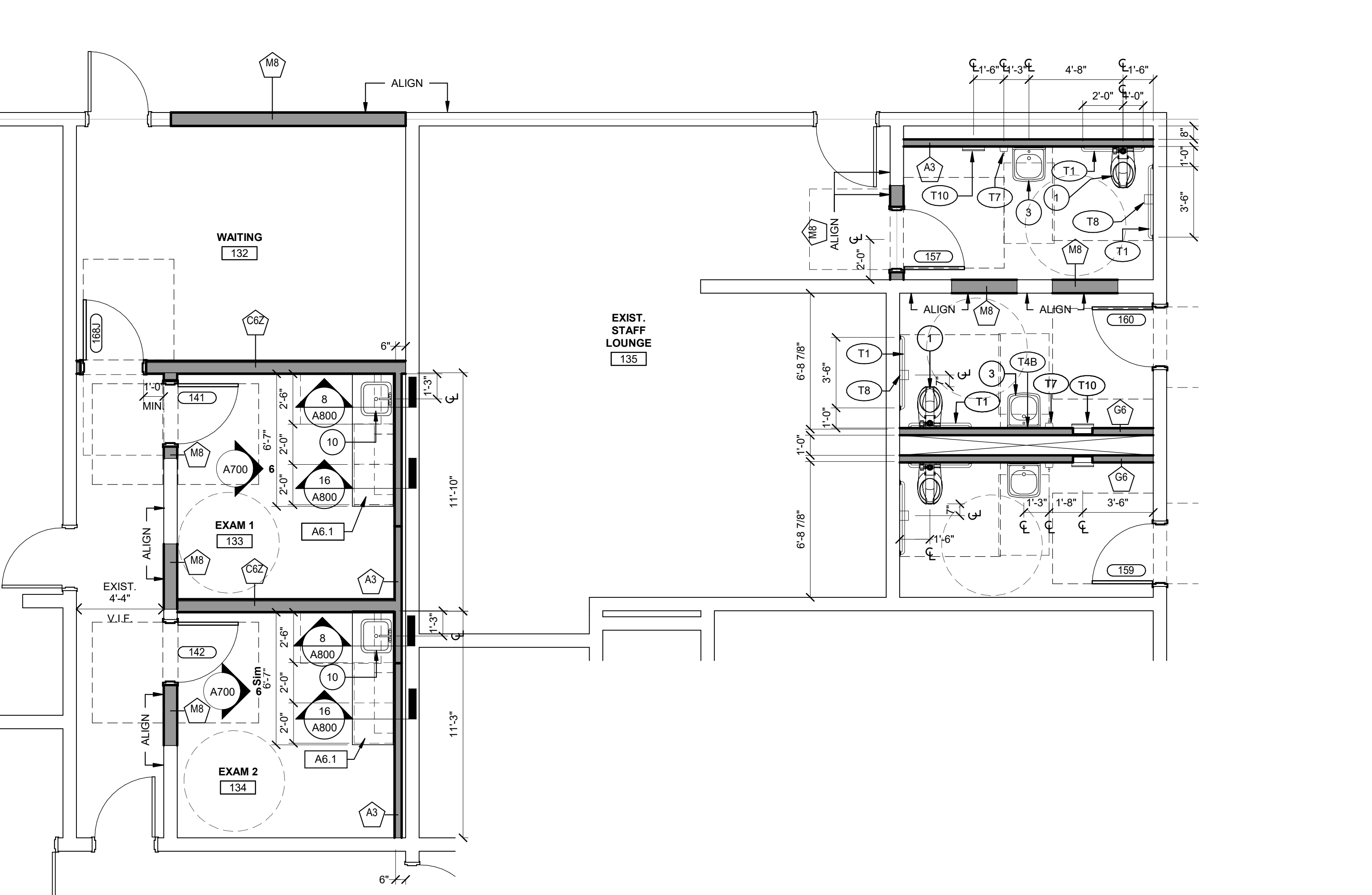
1 DETAIL PLAN - BATHROOMS NW QUADRANT
Scale: 1/4" = 1'-0"
PLAN NORTH
TRUE NORTH



2 LEVEL 1 - DETAIL PLAN COFFEE SHOP
Scale: 1/4" = 1'-0"
PLAN NORTH
TRUE NORTH



3 DETAIL PLAN SOUTH BLOCK BATHROOMS
Scale: 1/4" = 1'-0"
PLAN NORTH
TRUE NORTH



4 LEVEL 1 - DETAIL PLAN WAITING AREA
Scale: 1/4" = 1'-0"
PLAN NORTH
TRUE NORTH

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Project

COVENTRY DEPT. OF PUBLIC WORKS
COVENTRY TOWN HALL ANNEX



1675 FLAT RIVER ROAD
COVENTRY, RI 02816

Drawing Status
FOR CONSTRUCTION

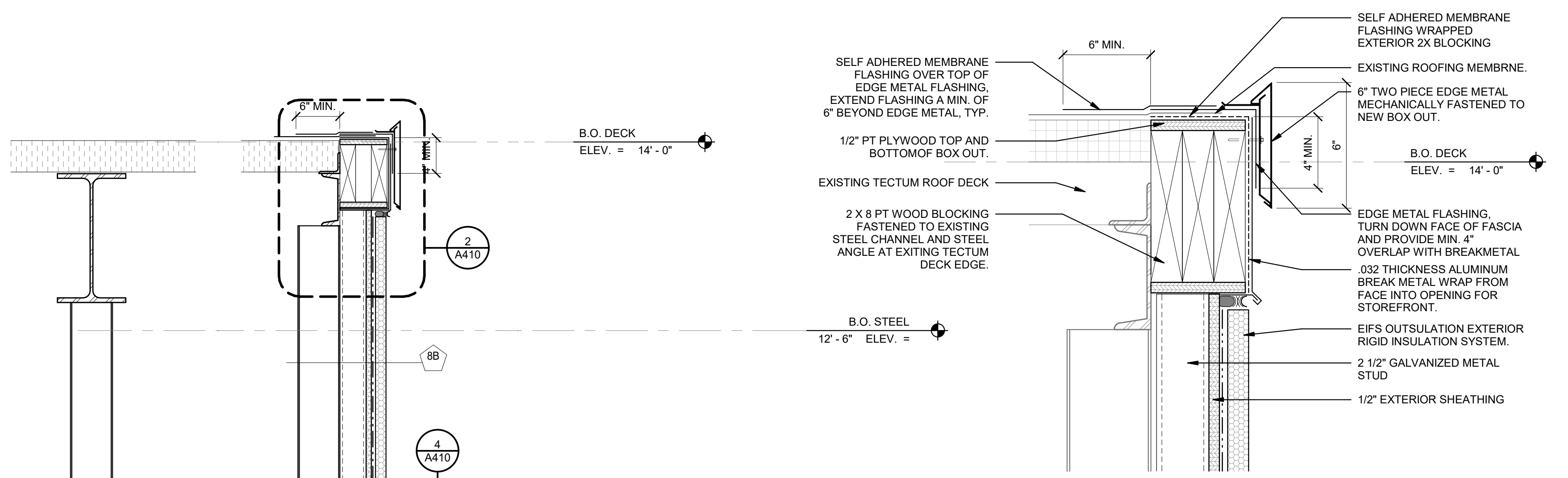
Issued On 08/02/2024

Sheet Contents
ENLARGED PLANS

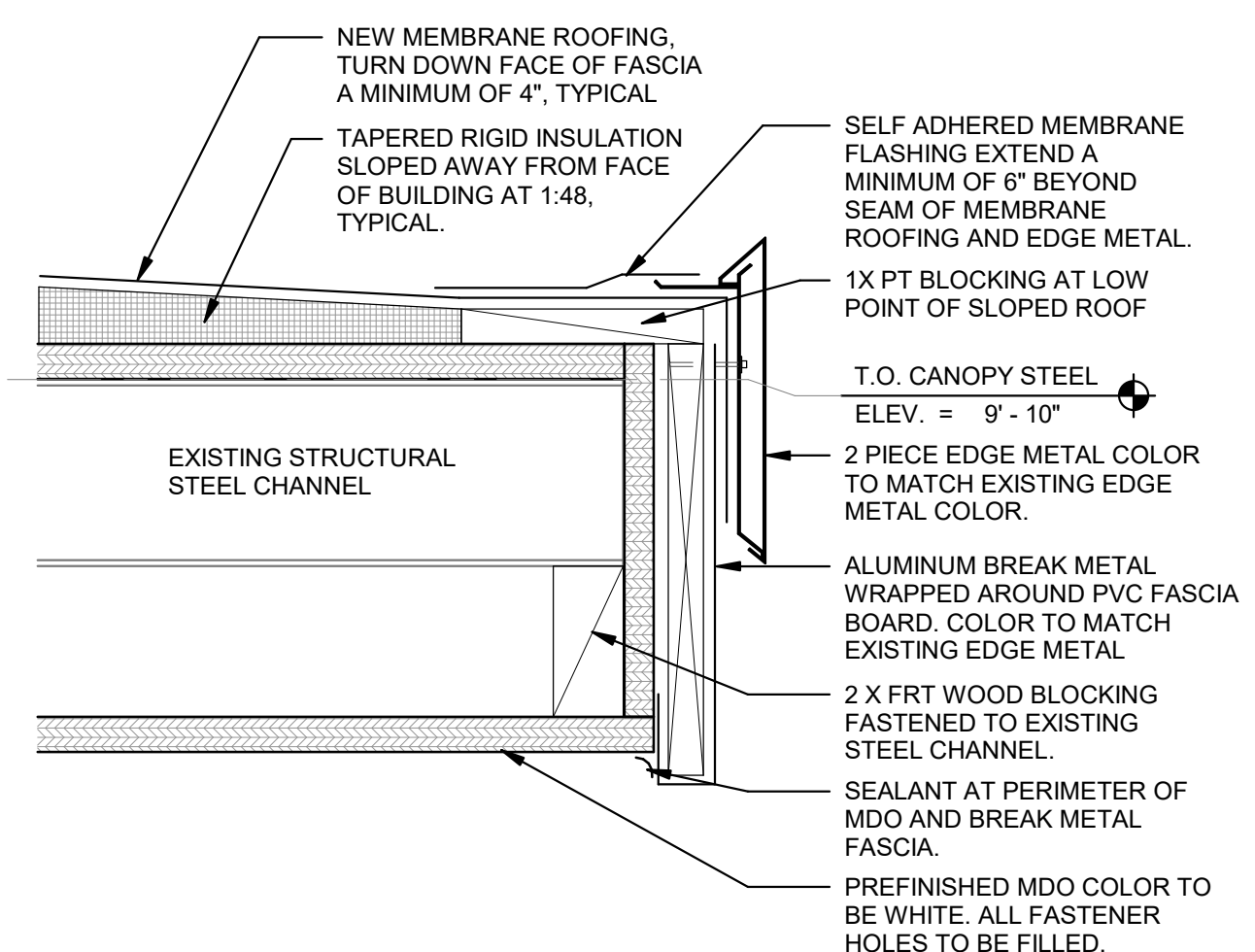
Project Number. 6834

Drawing No. **A300**

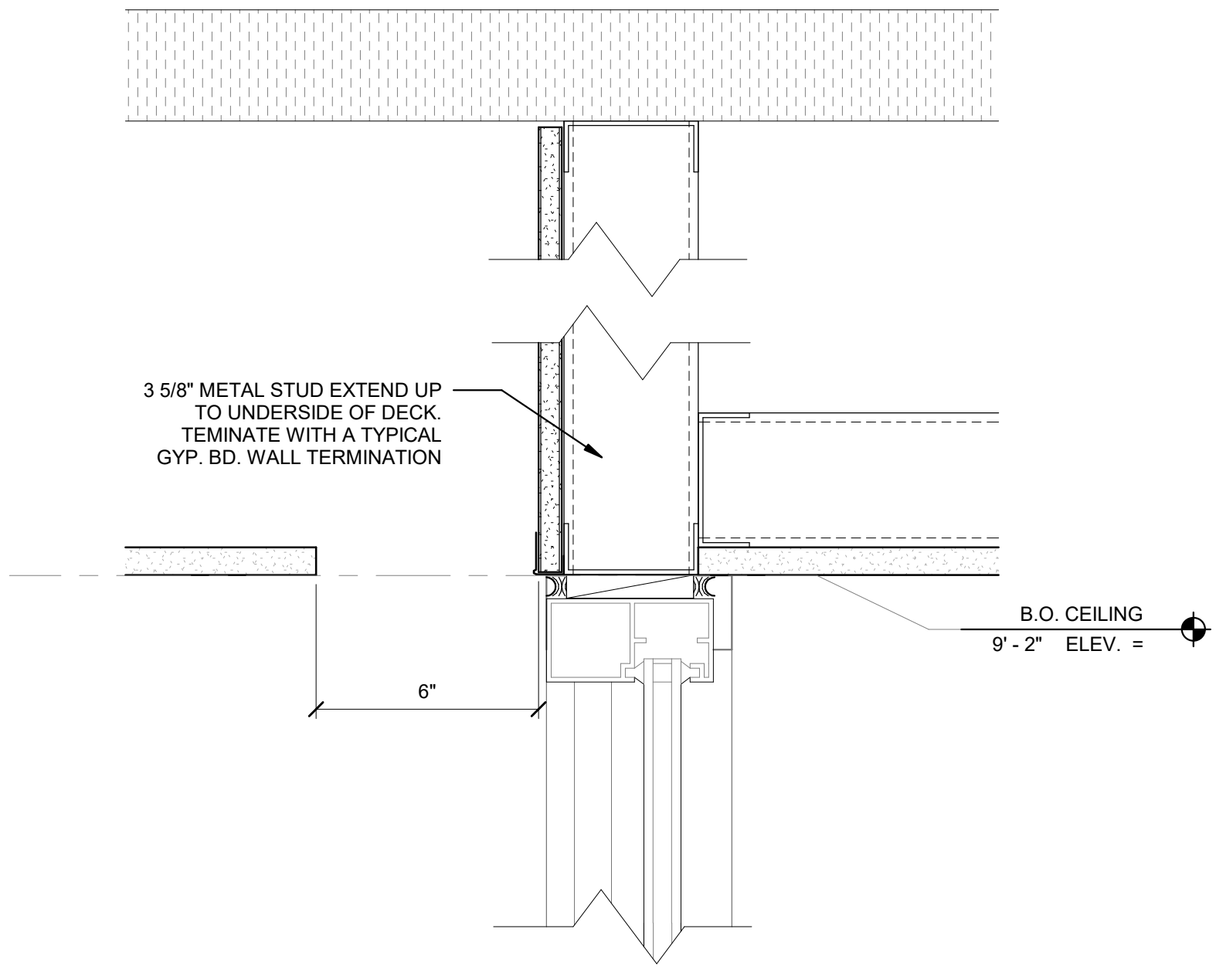
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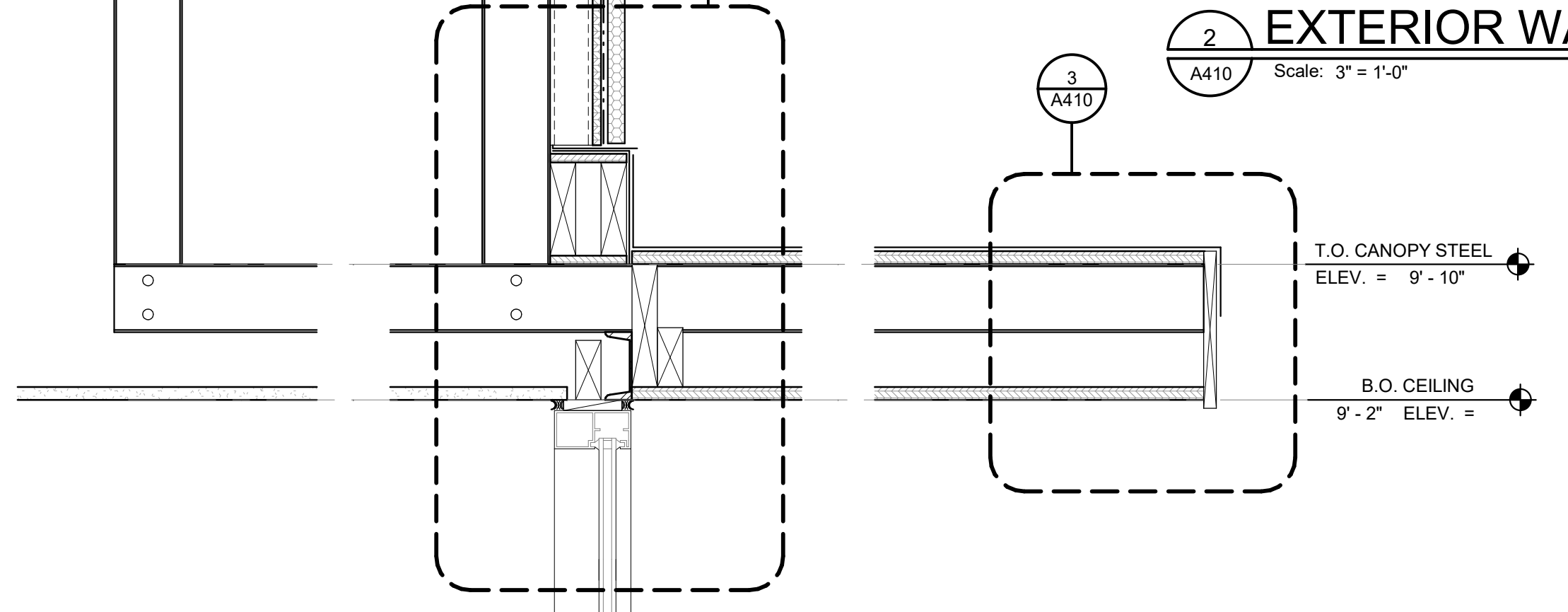
2 EXTERIOR WALL / ROOF TRANSITION AT ENTRANCE
Scale: 3" = 1'-0"



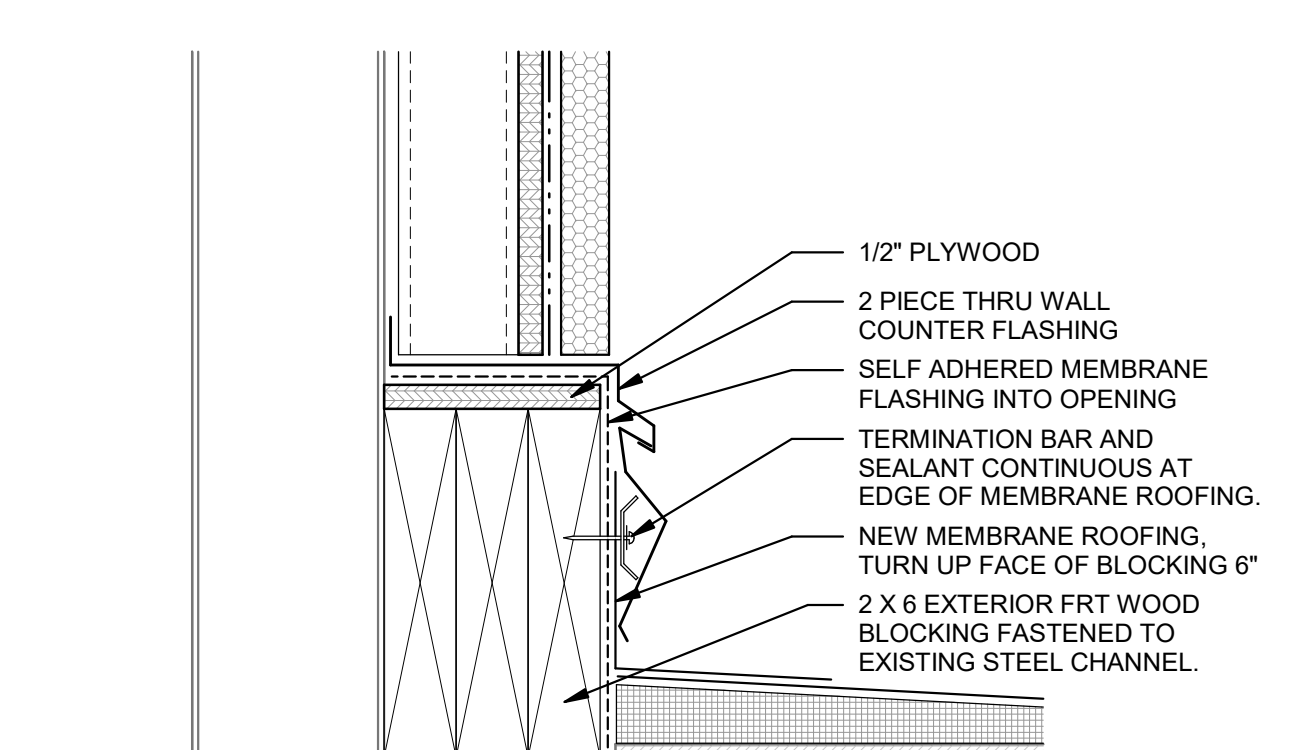
3 CANOPY SOFFIT / FASCIA
Scale: 3" = 1'-0"



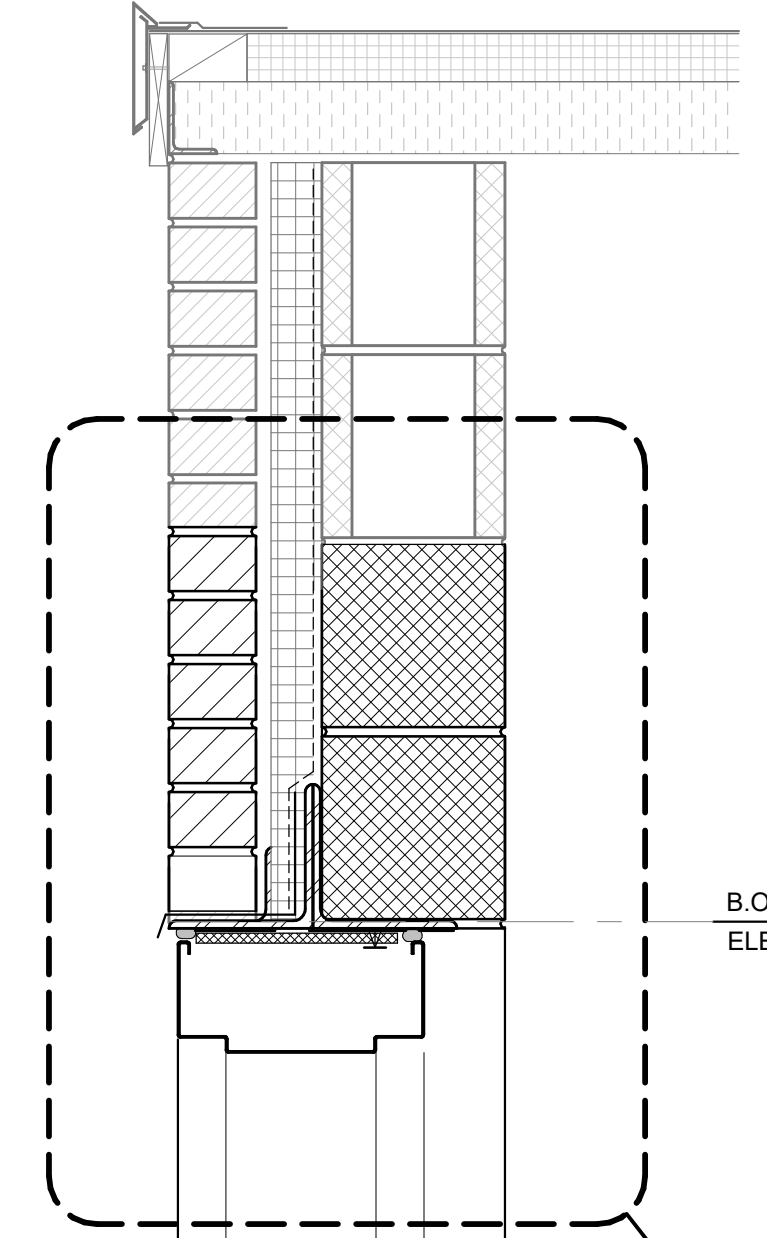
9 Detail 5
Scale: 3" = 1'-0"



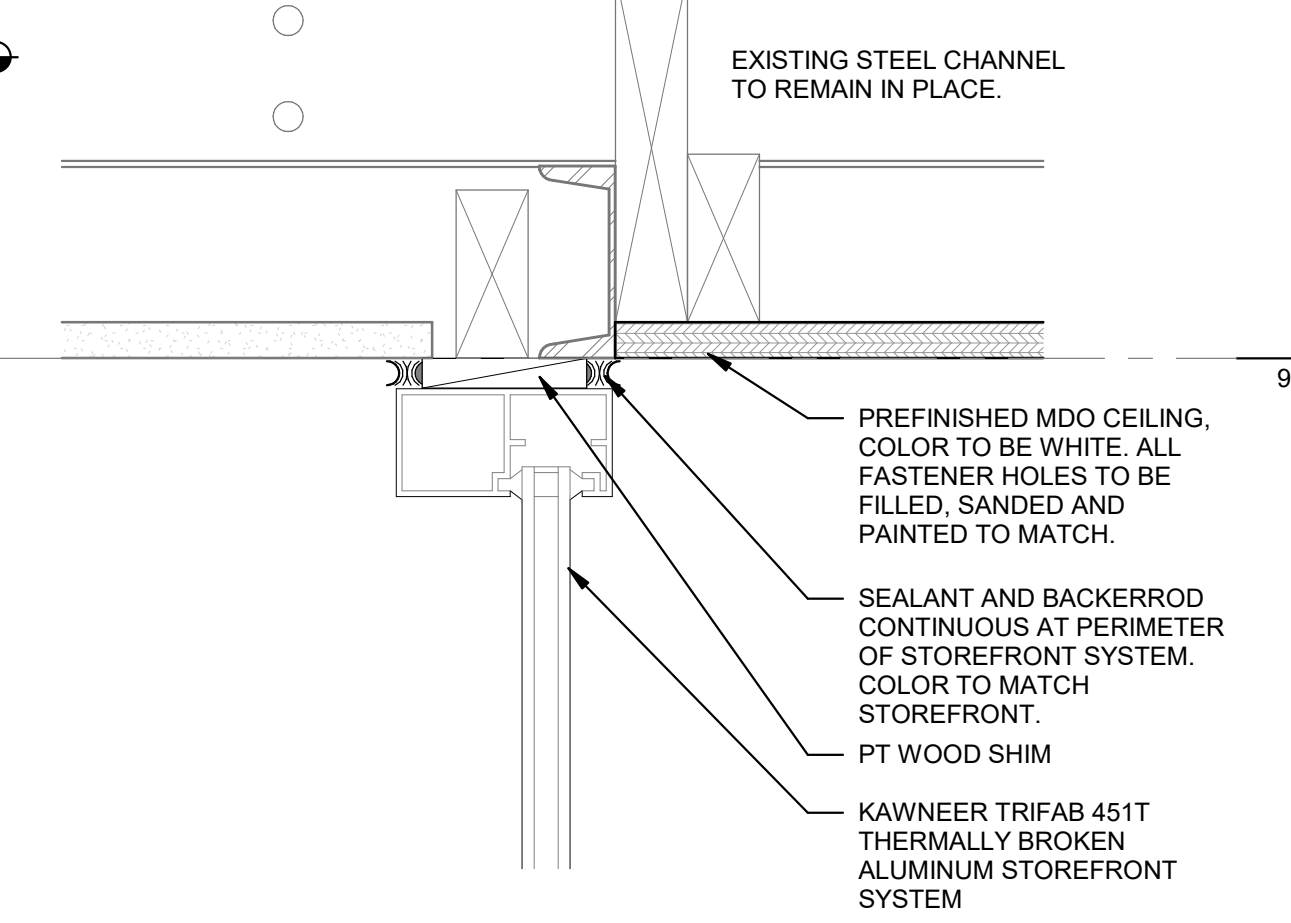
1 WALL SECTION THROUGH CANOPY ENTRANCE
Scale: 1 1/2" = 1'-0"



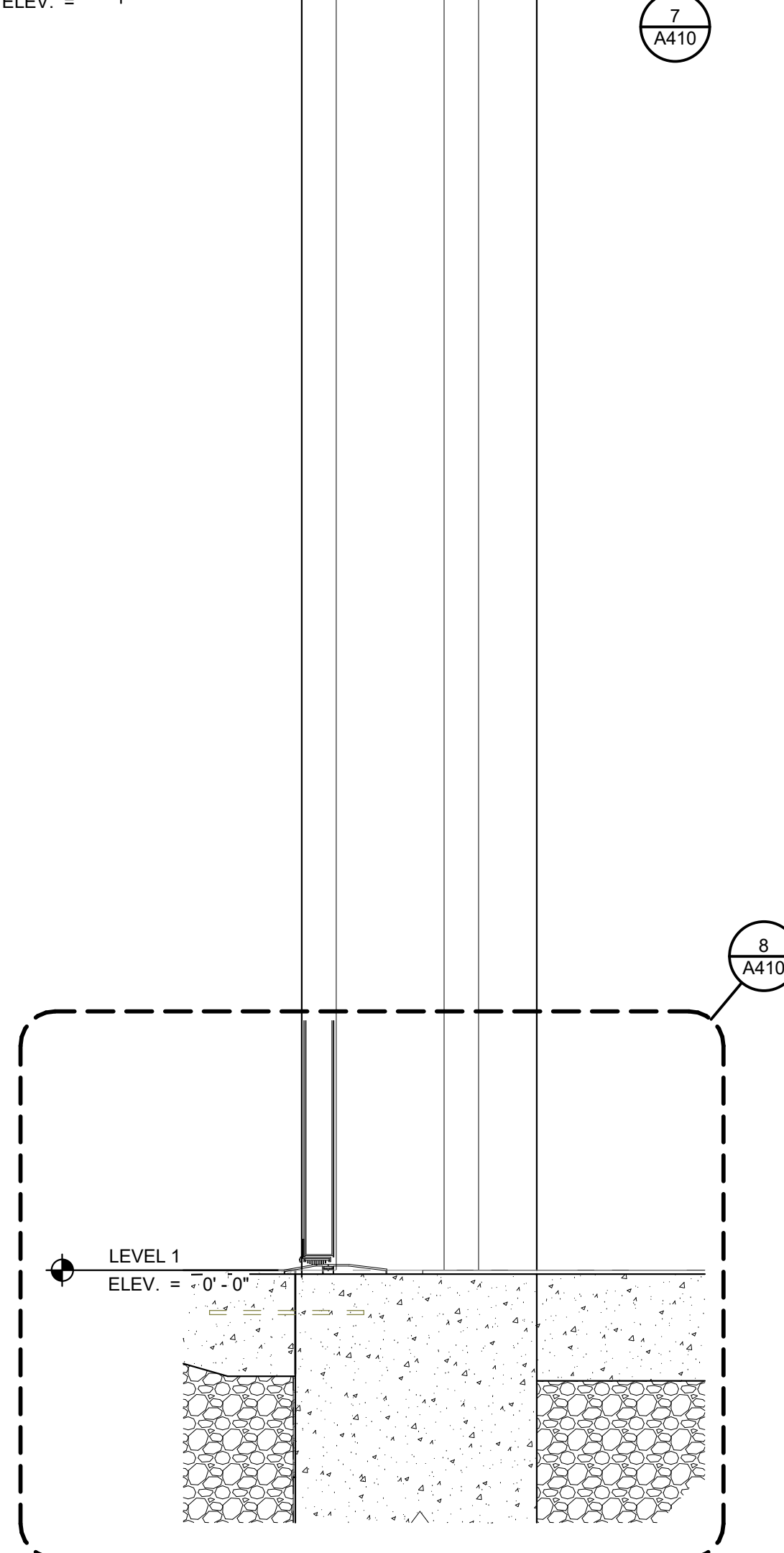
4 DETAIL THROUGH CANOPY
Scale: 3" = 1'-0"



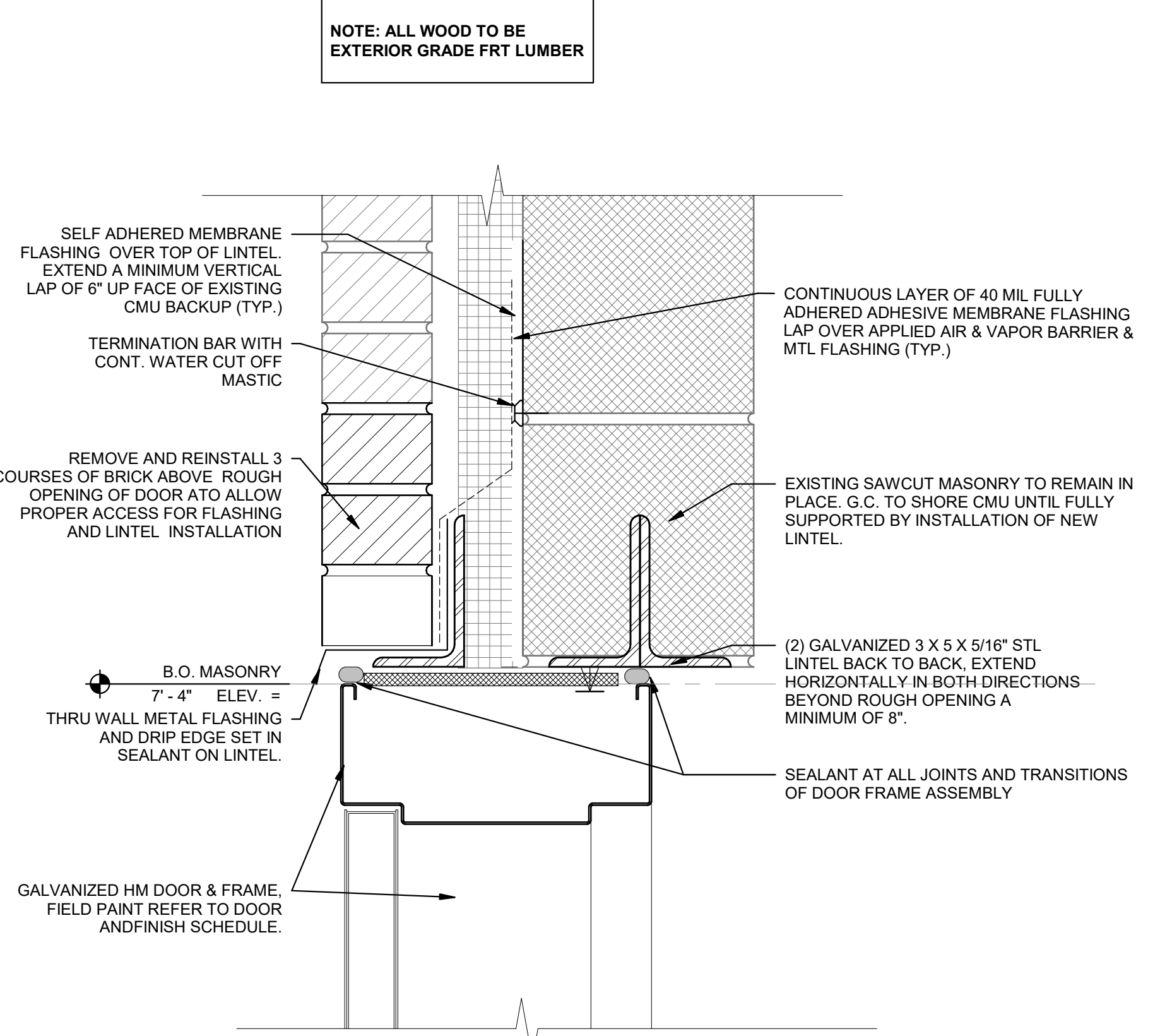
7 HM DOOR HEAD - CAFE
Scale: 3" = 1'-0"



5 STOREFRONT DOOR SILL
Scale: 3" = 1'-0"



6 SECTION THRU CAFE ENTRANCE
Scale: 1 1/2" = 1'-0"



8 HM DOOR THRESHOLD - CAFE
Scale: 3" = 1'-0"

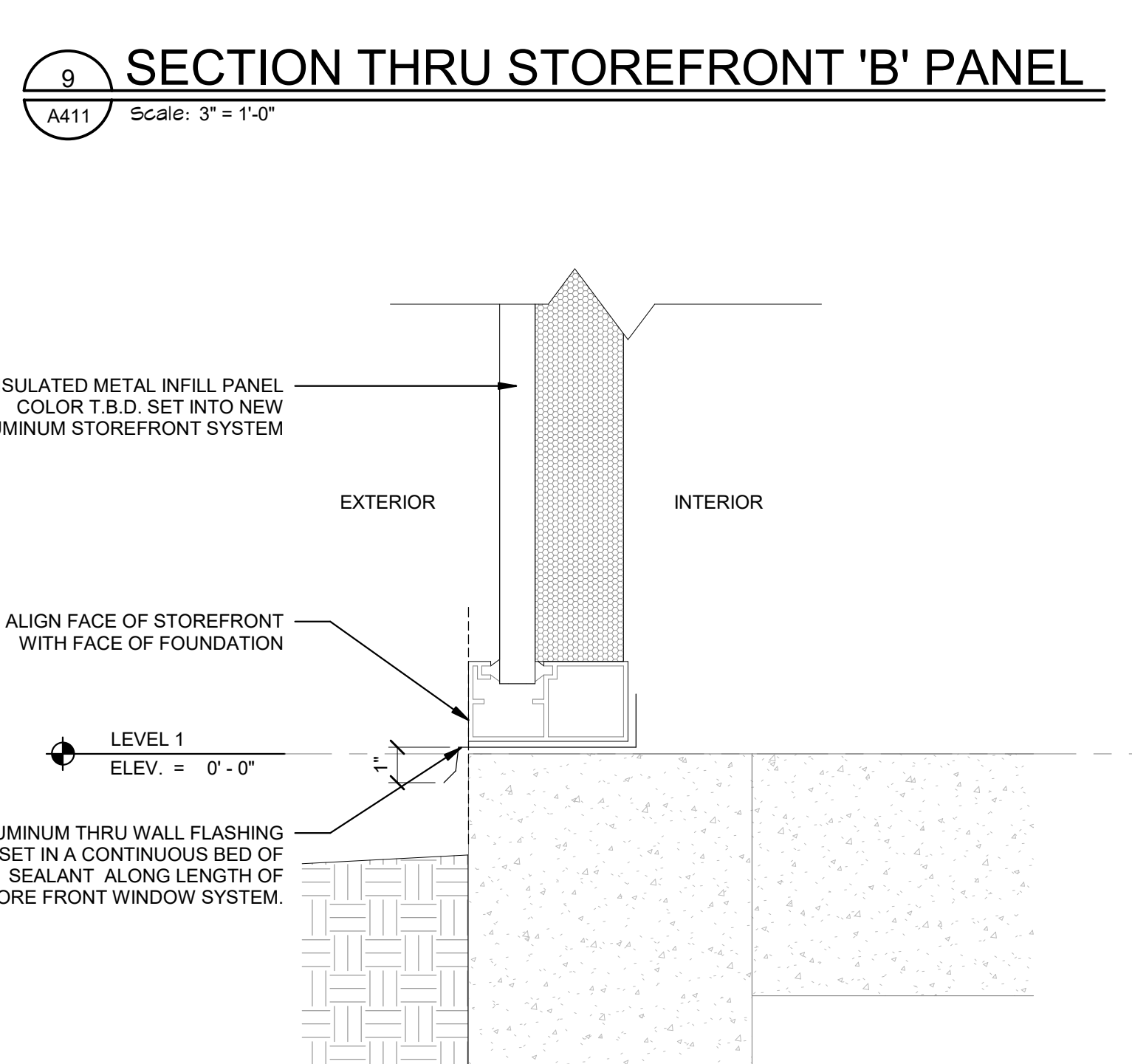
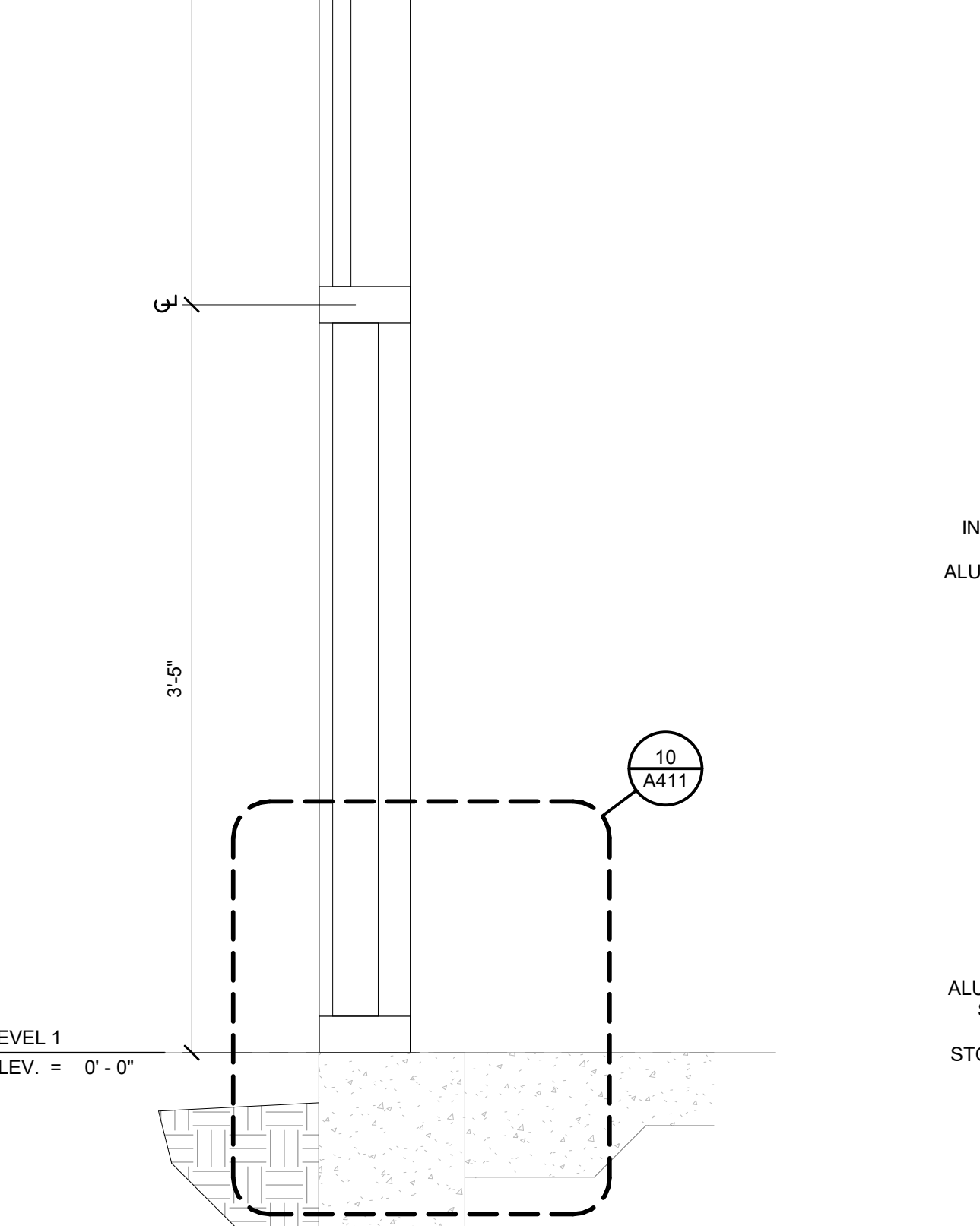
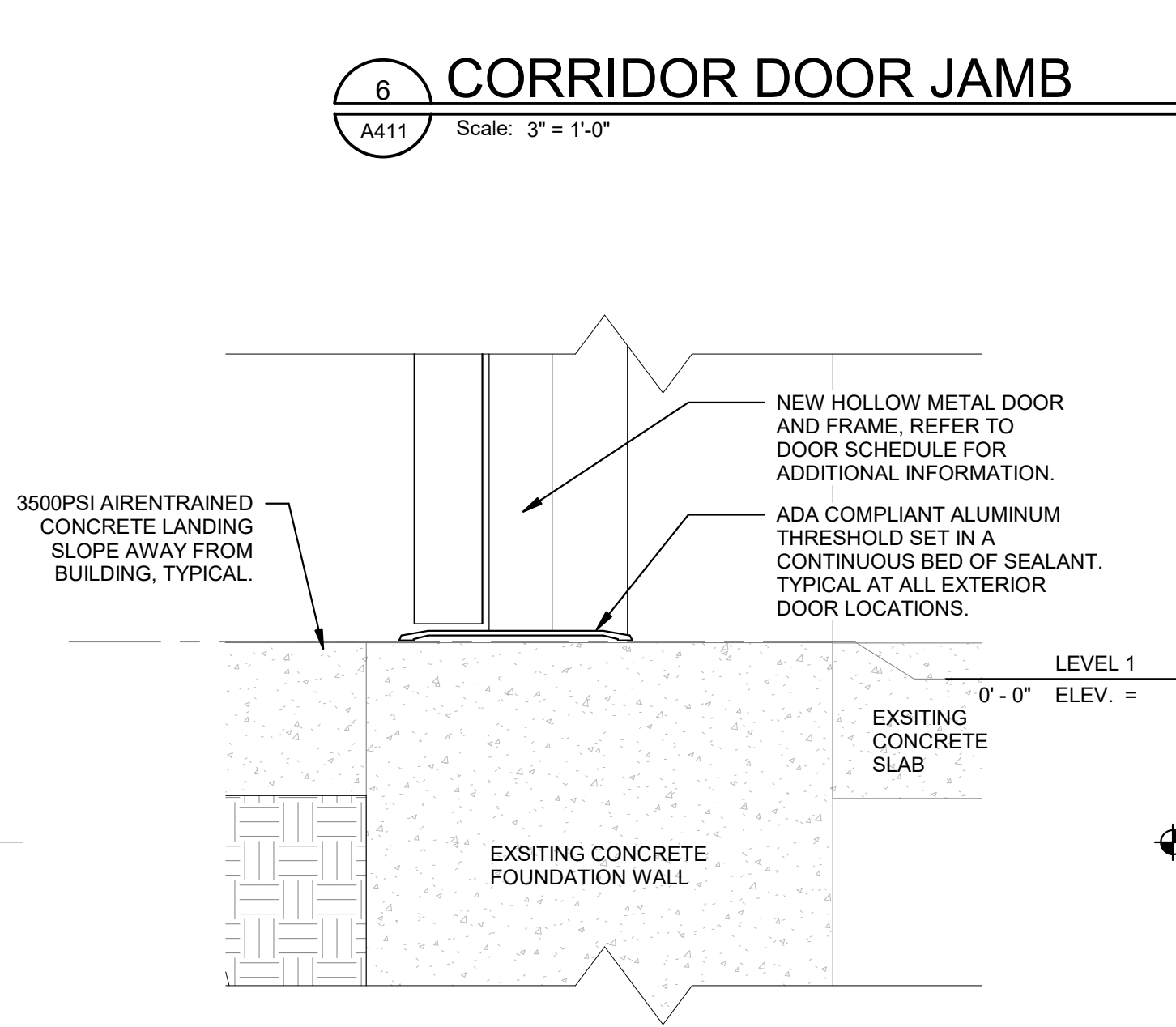
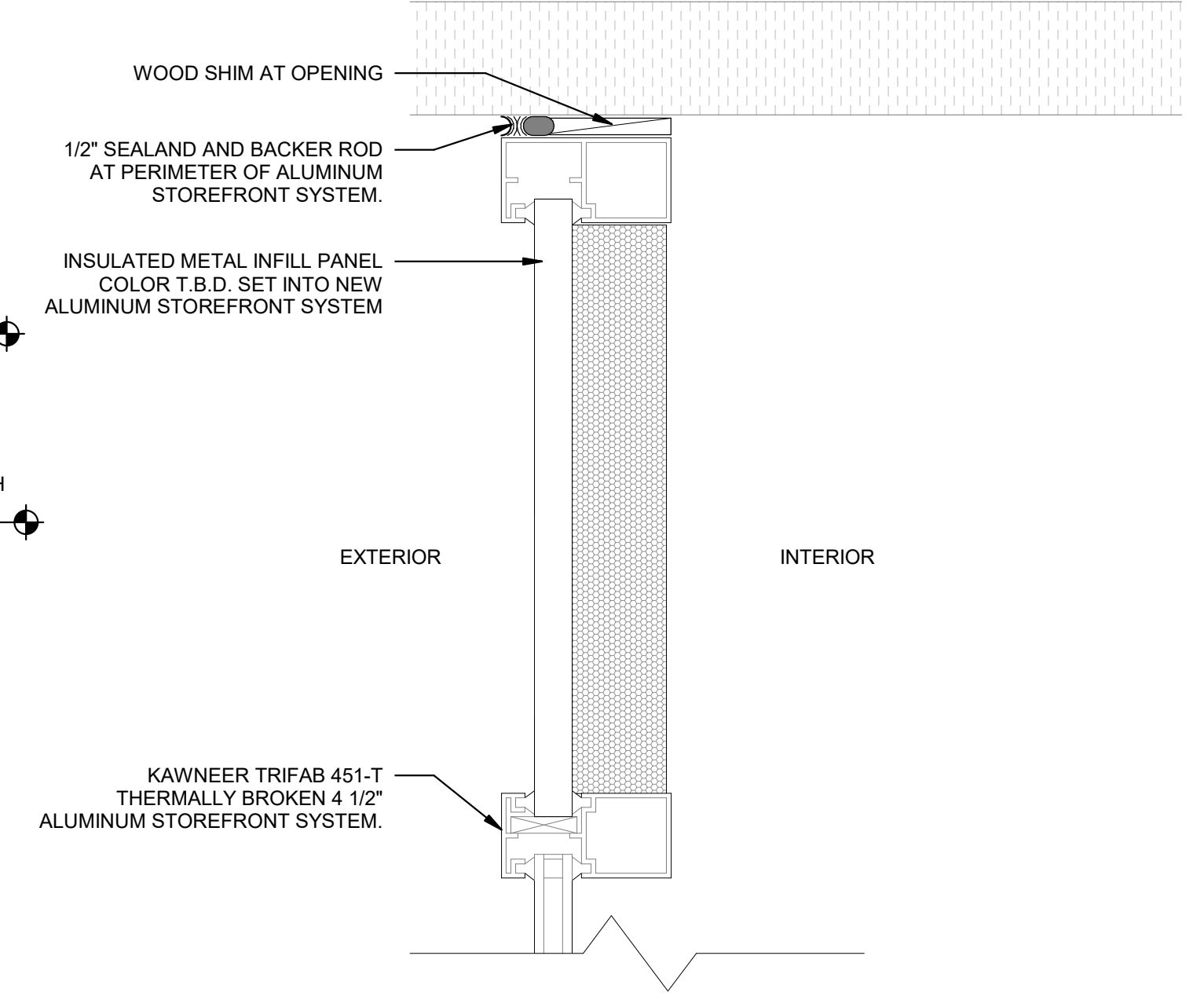
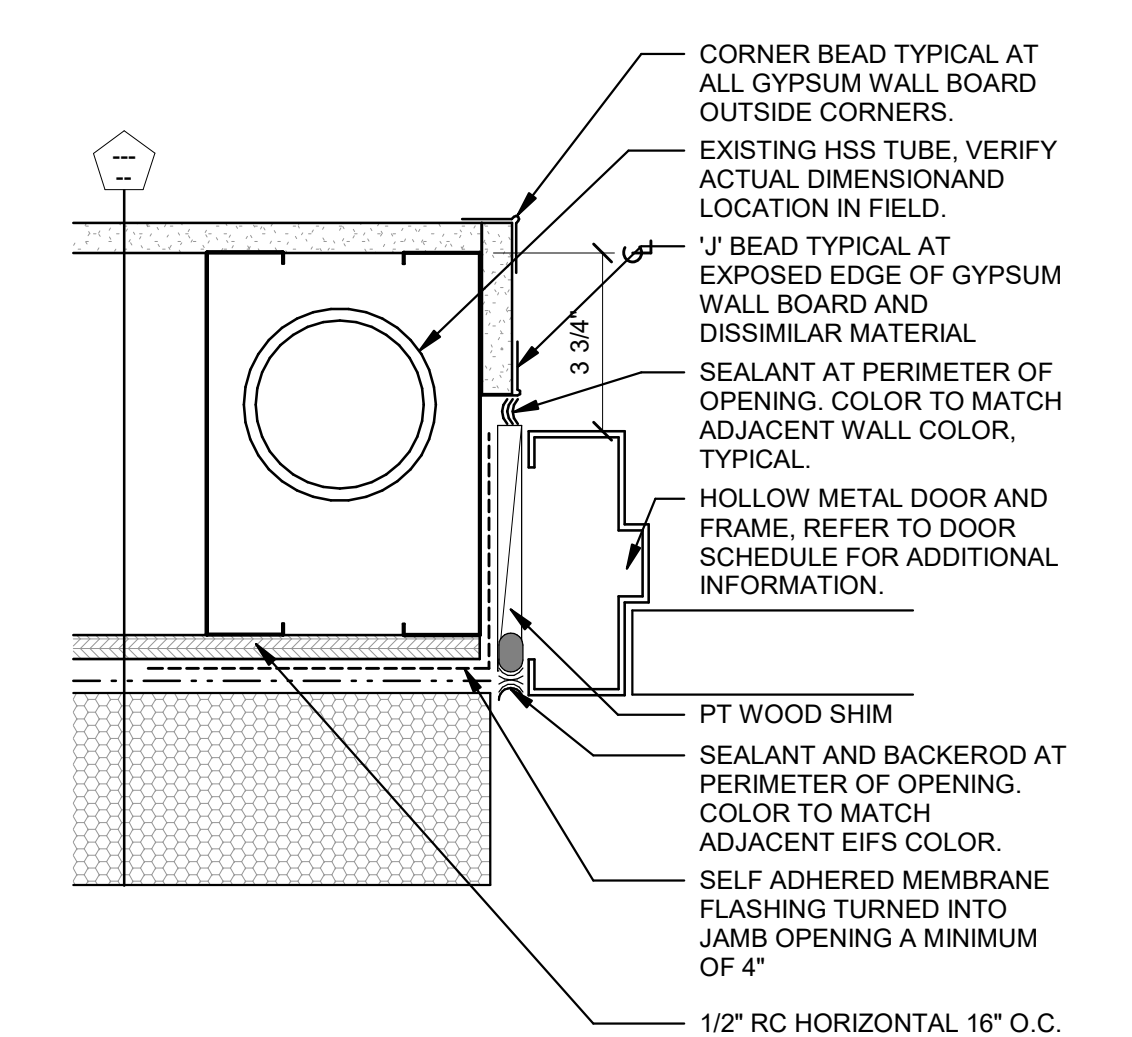
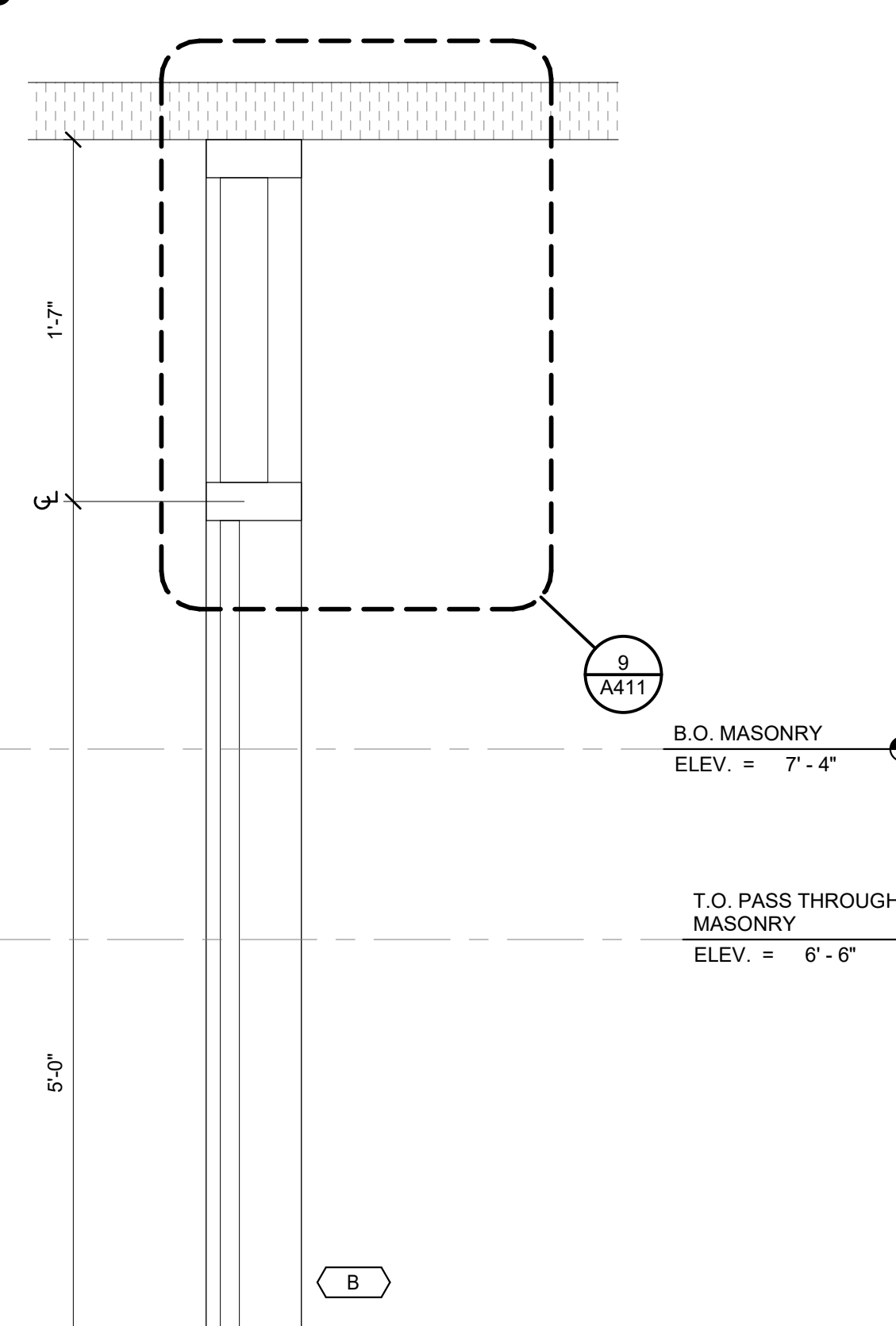
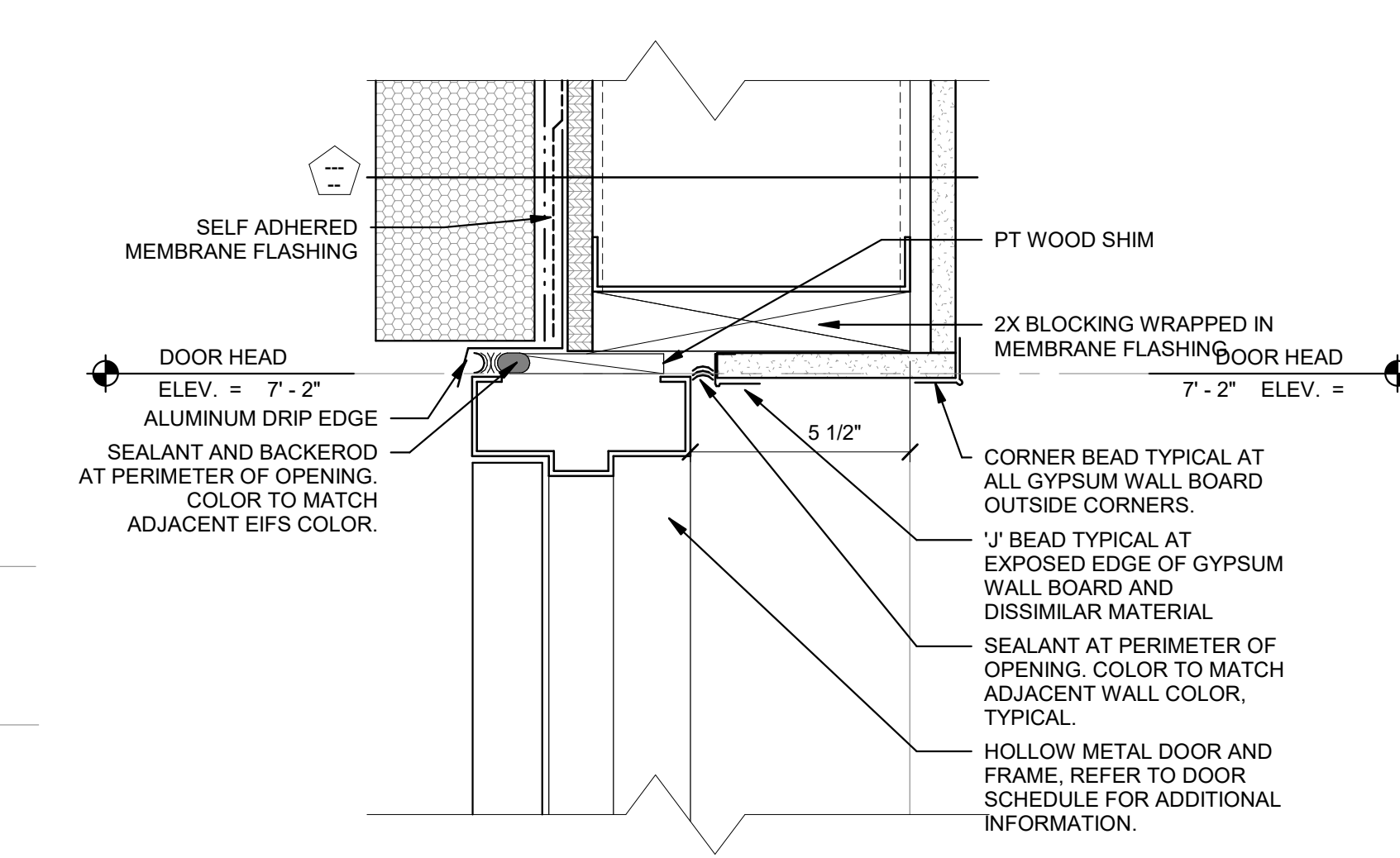
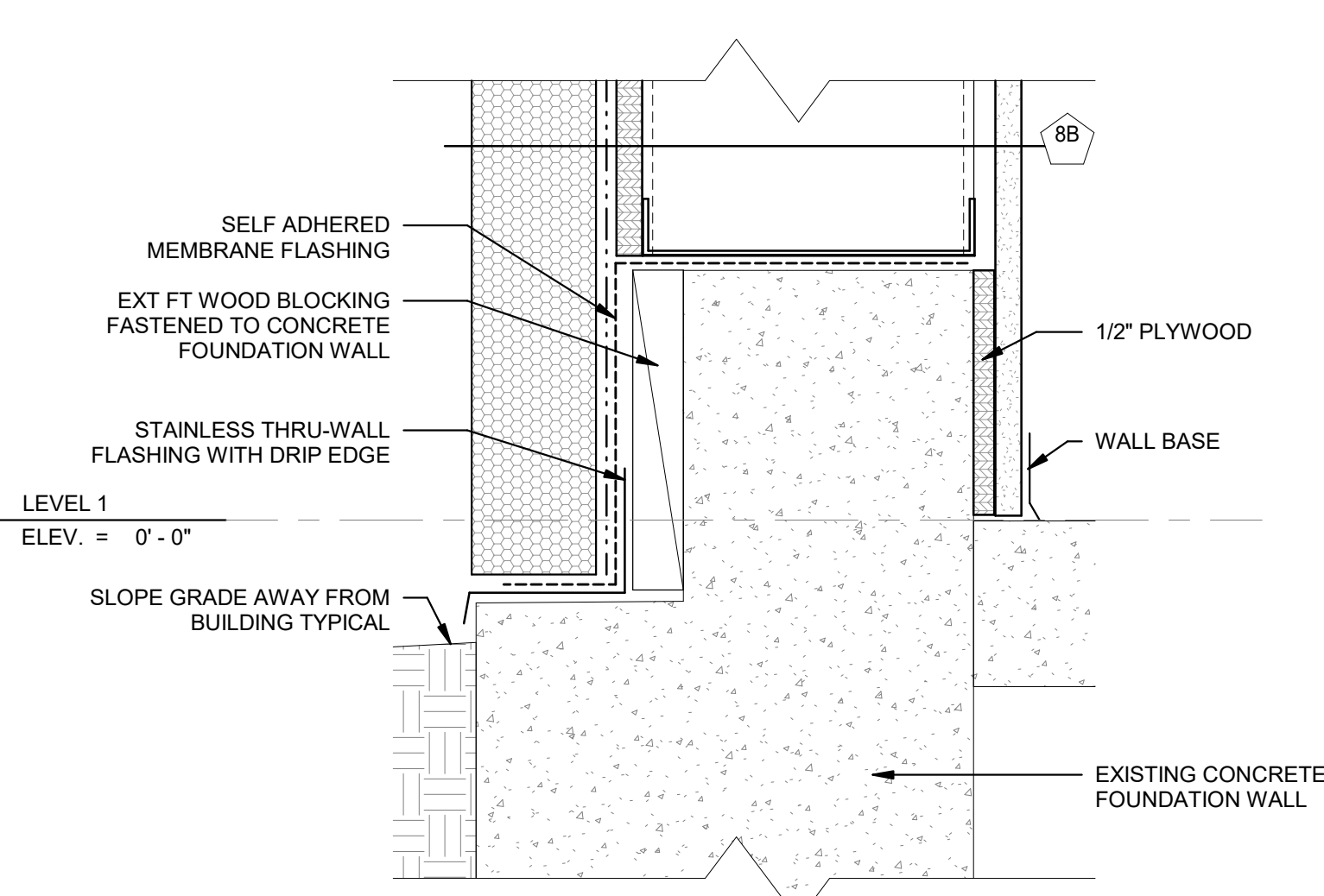
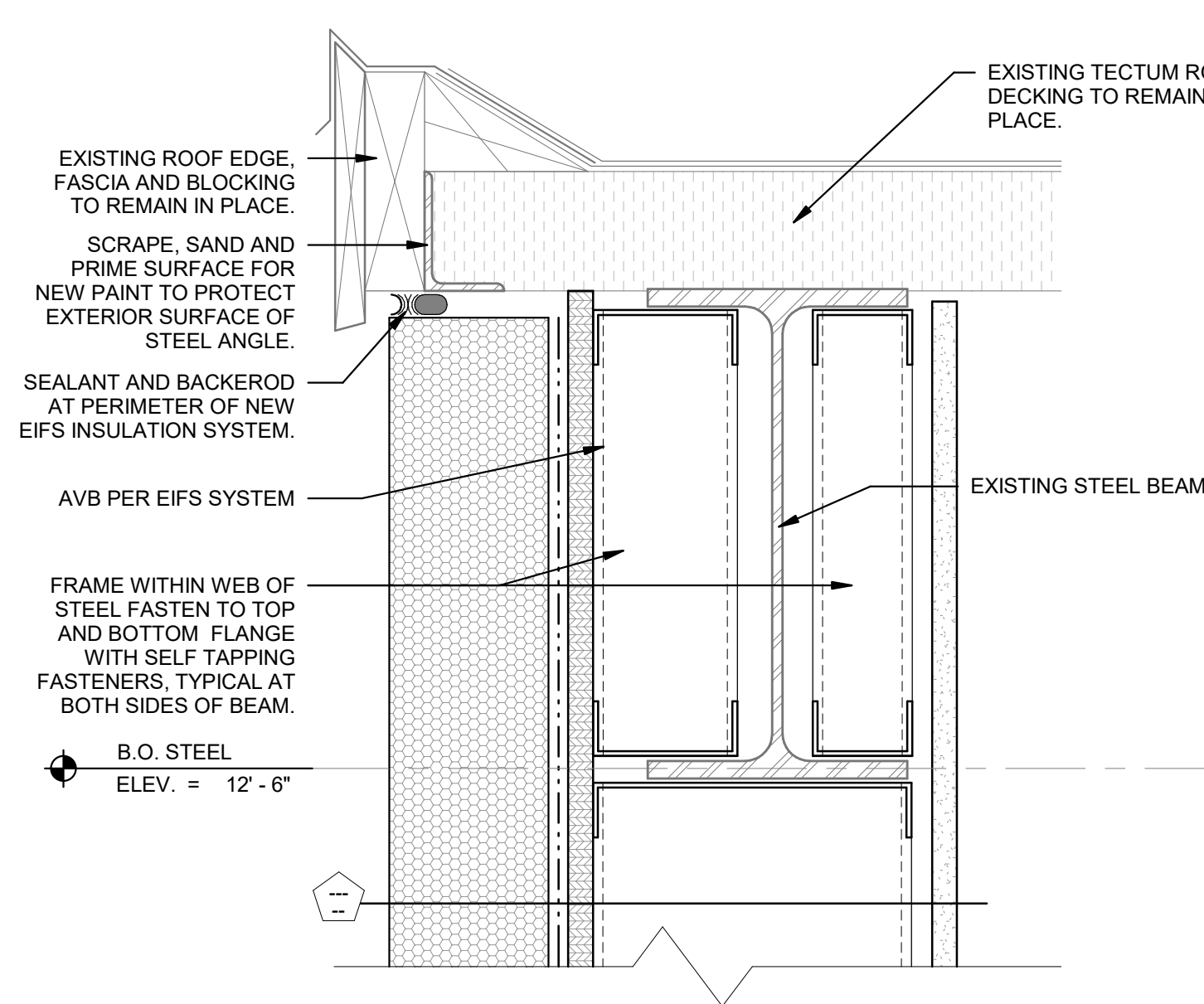
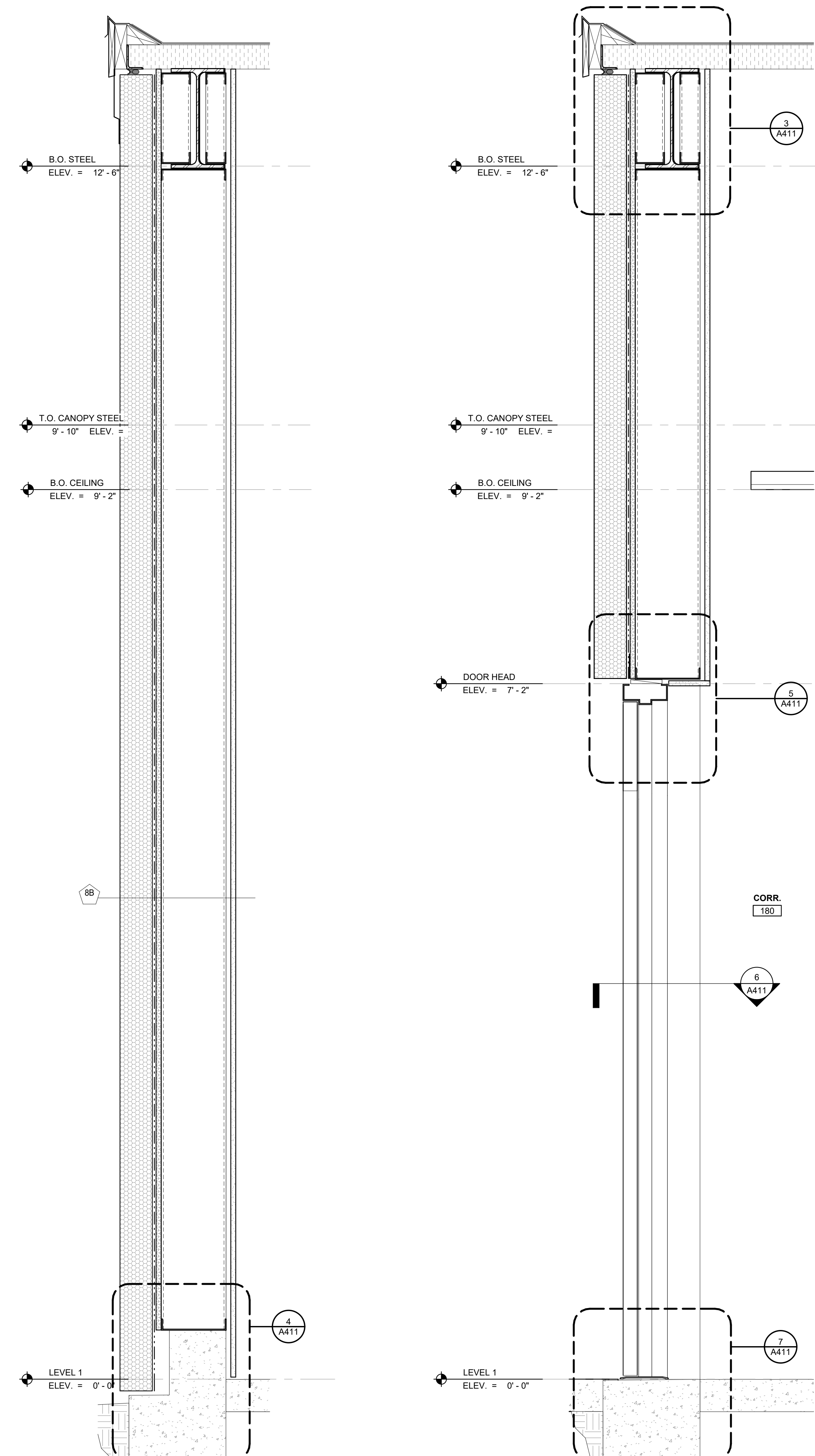


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1 WALL SECTION AT CORRIDOR
Scale: 1 1/2" = 1'-0"
A411

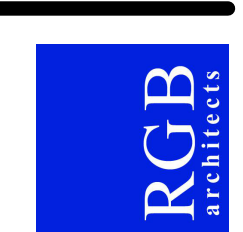
2 WALL SECTION THROUGH CORRIDOR DOOR
Scale: 1 1/2" = 1'-0"
A411

7 CORRIDOR DOOR SILL
Scale: 3" = 1'-0"
A411

8 SECTION THRU STOREFRONT 'B'
Scale: 1 1/2" = 1'-0"
A411

10 STOREFRONT 'B' SILL CONDITION
Scale: 3" = 1'-0"
A411

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Drawing Status
FOR CONSTRUCTION

Issued On 08/02/2024
Sheet Contents
WALL SECTIONS / EXTERIOR DETAILS

Project Number: 6834
Drawing No. **A411**

Sheet of

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REFLECTED CEILING PLAN LEGEND

- GYPSUM BOARD SOFFIT OR GYPSUM BOARD CEILING
- CEILING TILE & GRID
- SECURITY CEILING
- 2X2 CEILING LIGHT COORDINATE W/ ELEC. DWGS
- 2X4 CEILING LIGHT COORDINATE W/ ELEC. DWGS
- SUSPENDED PENDANT LIGHT FIXTURE COORDINATE W/ ELEC. DWGS
- RECESSED OR SURFACED MOUNTED FLUORESCENT LIGHT FIXTURE COORDINATE W/ ELEC. DWGS
- CEILING MOUNTED RECESSED LIGHT FIXTURE COORDINATE W/ ELEC. DWGS
- VANITY FIXTURE WET LOCATION RATED COORDINATE W/ ELEC. DWGS
- INTERIOR SCONCE FIXTURE SURFACE MOUNTED
- EXTERIOR WALL PACK SURFACE MOUNTED WEATHER RESISTANT ENCLOSURE LED LAMPING W/ ELEC. DWGS
- LED STRIP / ROPE LIGHT FIXTURE RATED COORDINATE W/ ELEC. DWGS
- SHOP LIGHT LED FIXTURE COORDINATE W/ ELEC. DWGS
- EXIT SIGN COORDINATE W/ ELEC. DWGS
- EMERGENCY BATTERY BACKUP UNITS LIGHTING COORDINATE W/ ELEC. DWGS
- SPRINKLER HEAD COORDINATE W/ PLUMB. / SPRINKLER DWGS
- CEILING FAN COORDINATE W/ MECH. DWGS
- CEILING MOUNTED TERMINAL UNIT CASSETTE COORDINATE W/ MECH. DWGS
- SMOKE DETECTOR COORDINATE W/ ELEC. DWGS
- VACANCY SENSOR COORDINATE W/ ELEC. DWGS
- OCCUPANCY SENSOR COORDINATE W/ ELEC. DWGS
- HEAT DETECTOR COORDINATE W/ ELEC. DWGS
- NEW CEILING MOUNTED HVAC SUPPLY DIFFUSER COORDINATE W/ ELEC. DWGS
- NEW CEILING MOUNTED HVAC RETURN DIFFUSER COORDINATE W/ ELEC. DWGS
- CEILING MOUNTED FAN LIGHT FIXTURE COORDINATE W/ ELEC. DWGS

REFLECTED CEILING PLAN NOTES

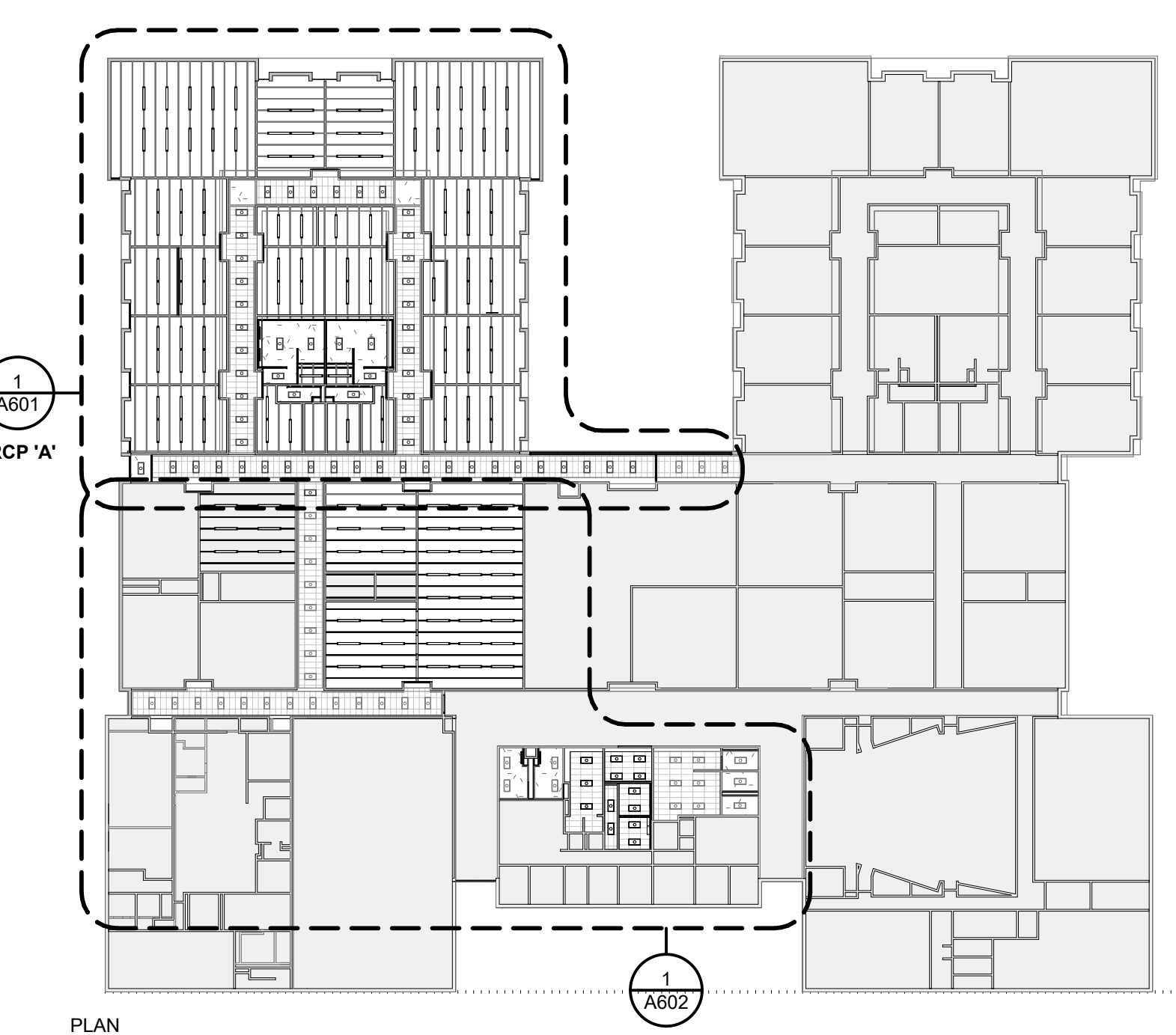
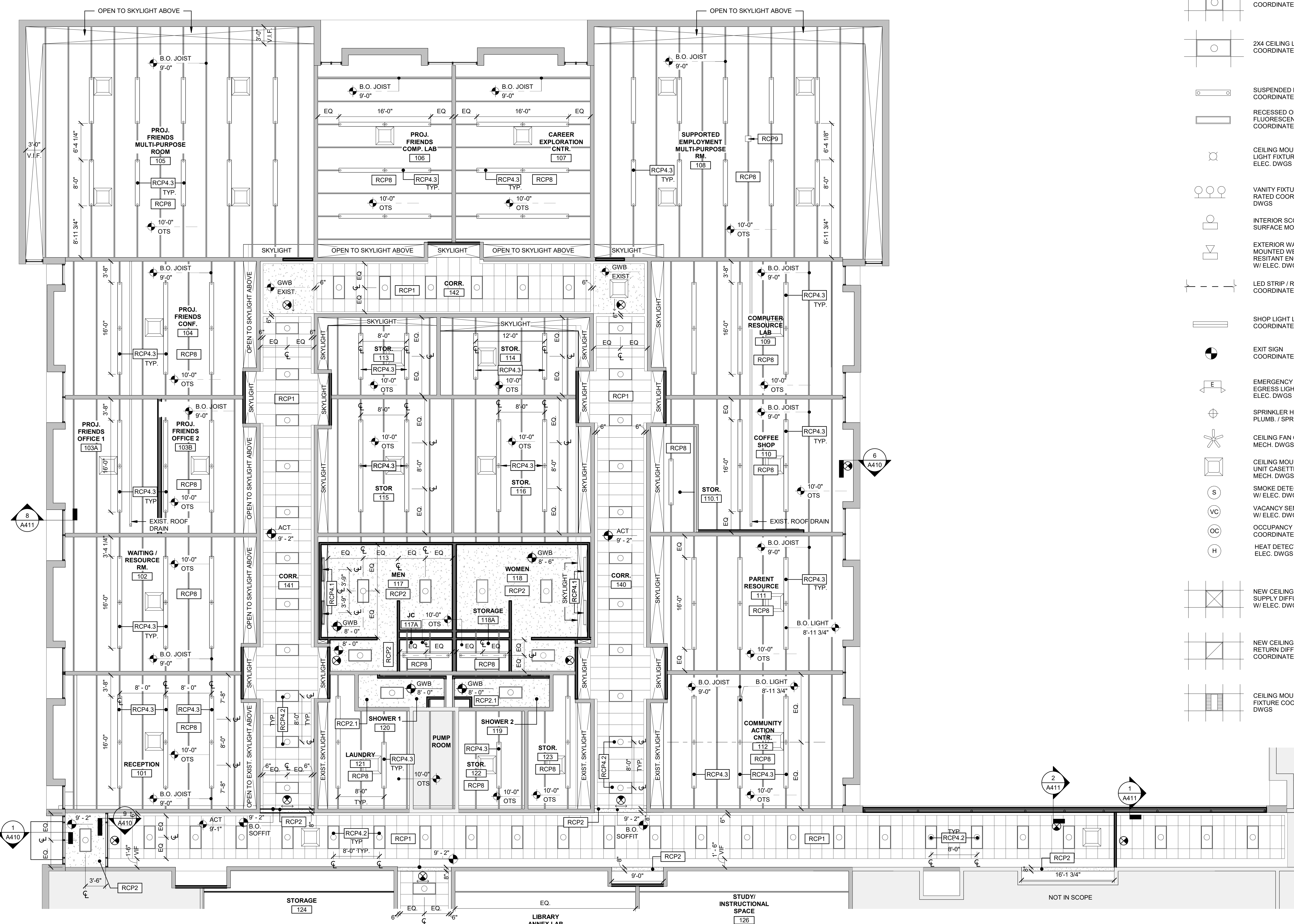
1. NOT ALL CEILING MOUNTED &/OR SUSPENDED ITEMS, COMPONENTS, &/OR WORK MAY BE SHOWN. CONTRACTOR TO COORDINATE W/ ALL DRAWINGS INCLUDING STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS. NOTIFY THE ARCHITECT OF ANY ADDITIONAL ITEMS &/OR DISCREPANCIES BEFORE STARTING WORK.
2. ALL CEILING MOUNTED ITEMS ARE TO BE CENTERED IN CEILING TILES U.N.O.
3. SPRINKLER HEAD LAYOUT IS APPROXIMATE AND NOT ALL HEADS MAY BE SHOWN. COORDINATE W/ SPRINKLER DRAWINGS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING WORK.
4. PROVIDE WHITE GROMMET TRIM AT ALL SUPPORT CABLE &/OR WIRING PENETRATIONS FOR SUSPENDED ELEMENTS.
5. ALL SPACES OPEN TO STRUCTURE TO BE PREPPED FOR PAINT. RE: FINISH SCHEDULE.
6. ACT GRID AT CORRIDORS TO REMAIN 6" OFFSET FROM FACE OF WALLS U.N.O.
7. ALL NEW WALLS EXTEND TO UNDERSIDE OF ROOF DECK U.N.O.

CONSTRUCTION LEGEND

- N.I.C. (NOT IN CONTRACT)
- NEW WALL/ITEM
- EXISTING WALL/ITEM
- F&I = FURNISH AND INSTALL**
- WORK NOTES WITHOUT AN ARROW INDICATE AN ENTIRE SPACE/AREA.
- WORK NOTES WITH AN ARROW(S) INDICATE SPECIFIC AREAS &/OR ITEMS.
- CEILING FINISH
- SAT 9'-0" HEIGHT OF CEILING ABOVE FINISH FLOOR

RCP WORK NOTES

- RCP1** F&I SUSPENDED ACT ASSEMBLY AND GRID. RE: RCP FOR HEIGHT. RE: FINISHES FOR MORE INFORMATION.
- RCP2** F&I GYP. BD. CEILING &/OR SOFFIT. PROVIDE PAINT.
- RCP2.1** F&I MOISTURE RESISTANT GYP. BD. CEILING. PROVIDE SEMI GLOSS FINISH.
- RCP4.1** F&I WALL MOUNTED SCONCE LIGHT FIXTURE. COORD. W/ INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS AS REQUIRED. RE: ELEC DWGS TYP.
- RCP4.2** F&I 2X4 LV IN CEILING/LIGHT FIXTURE. COORD. W/ SECTIONS FOR MOUNTING HEIGHTS AS REQUIRED. RE: ELEC DWGS TYP.
- RCP4.3** F&I 8" SURFACE MOUNT LIGHT FIXTURE. COORD. W/ SECTIONS FOR MOUNTING HEIGHTS AS REQUIRED. RE: ELEC DWGS TYP.
- RCP8** PREP ALL EXISTING EXPOSED STRUCTURE AND TECTUM DECKING FOR PAINT. RE: FINISH SCHEDULE.
- RCP9** CEILING MOUNTED PROJECTOR PROVIDED BY OWNER. COORD. WITH OWNER FOR FINAL LOCATION. RE: LOW VOLTAGE DWGS FOR REQUIREMENTS.



PLAN NORTH
1 LEVEL 1 - REFLECTED CEILING PLAN 'A'
Scale: 1/8" = 1'-0"

PLAN NORTH
2 LEVEL 1 - KEY PLAN
Scale: 1" = 50'-0"

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Drawing Status
FOR CONSTRUCTION

Issued On 08/02/2024
Sheet Contents
REFLECTED CEILING PLANS 'A'

Project Number: 6834

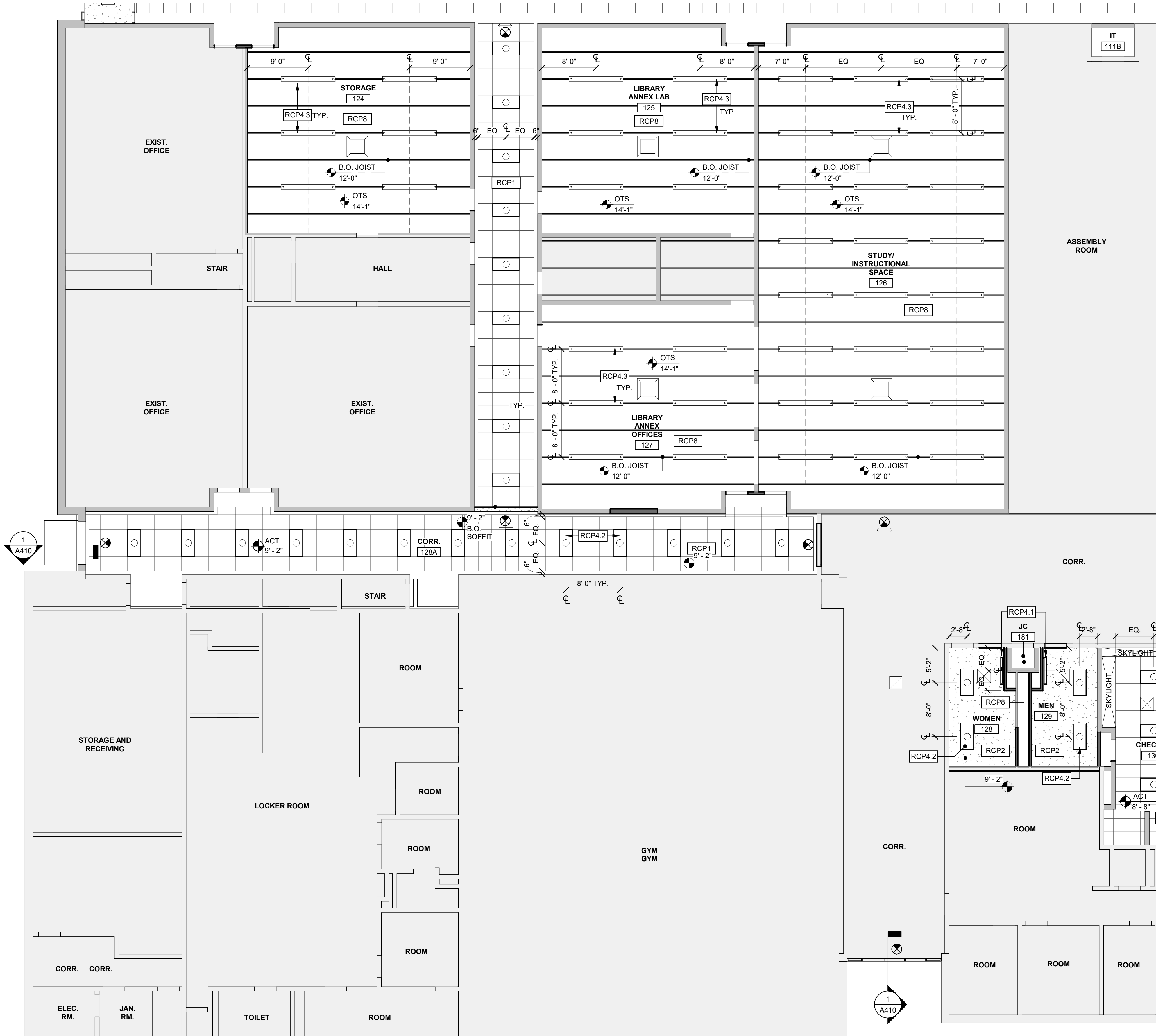
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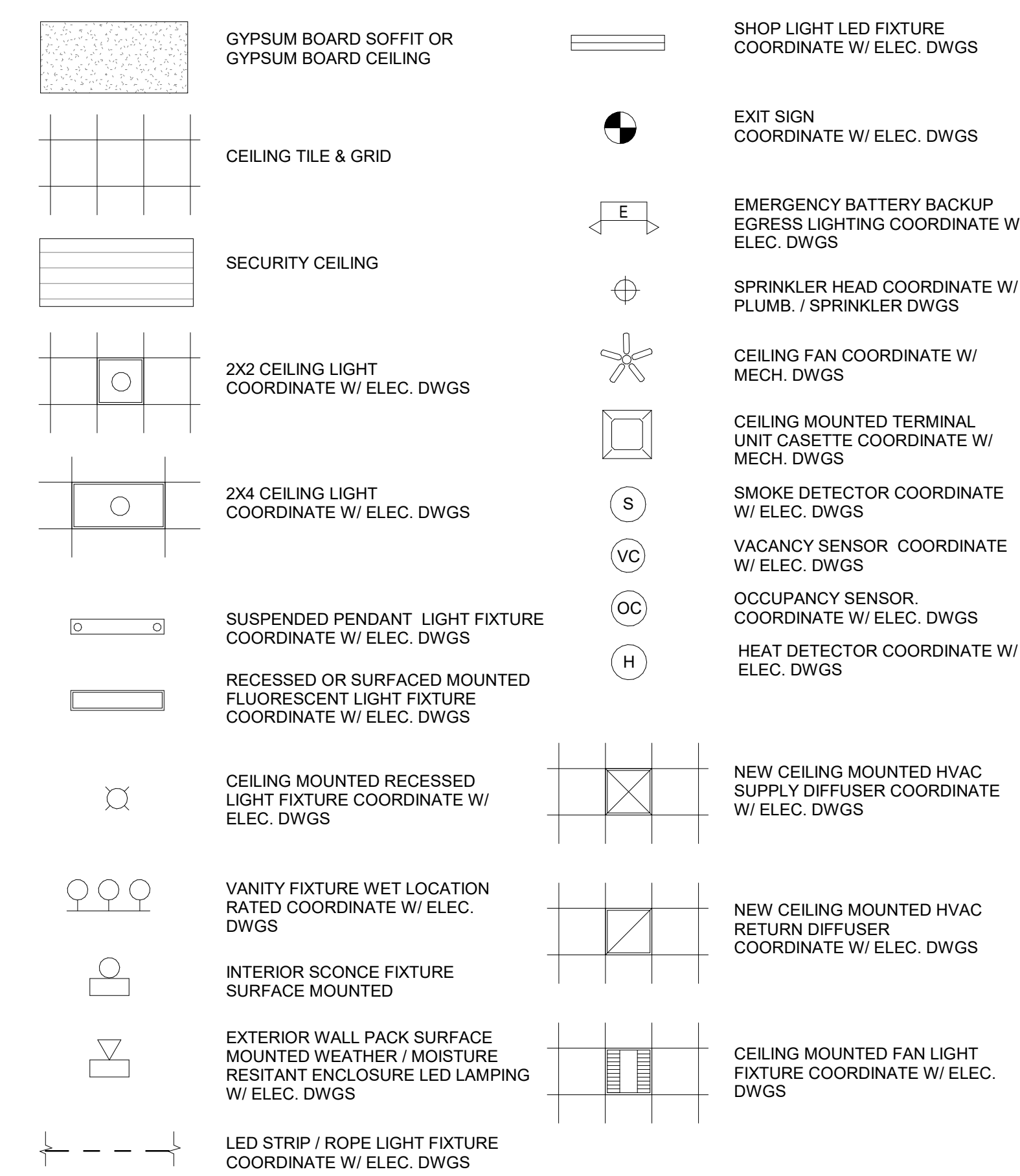
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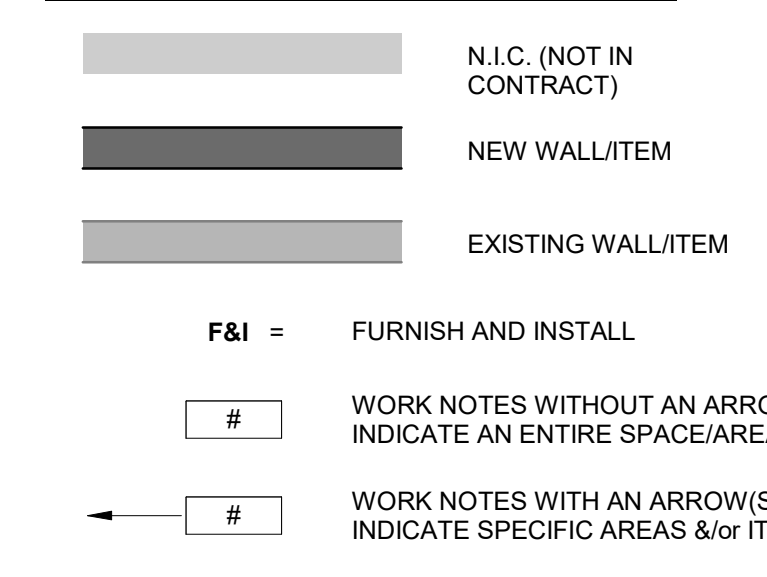
REFLECTED CEILING PLAN LEGEND



REFLECTED CEILING PLAN NOTES

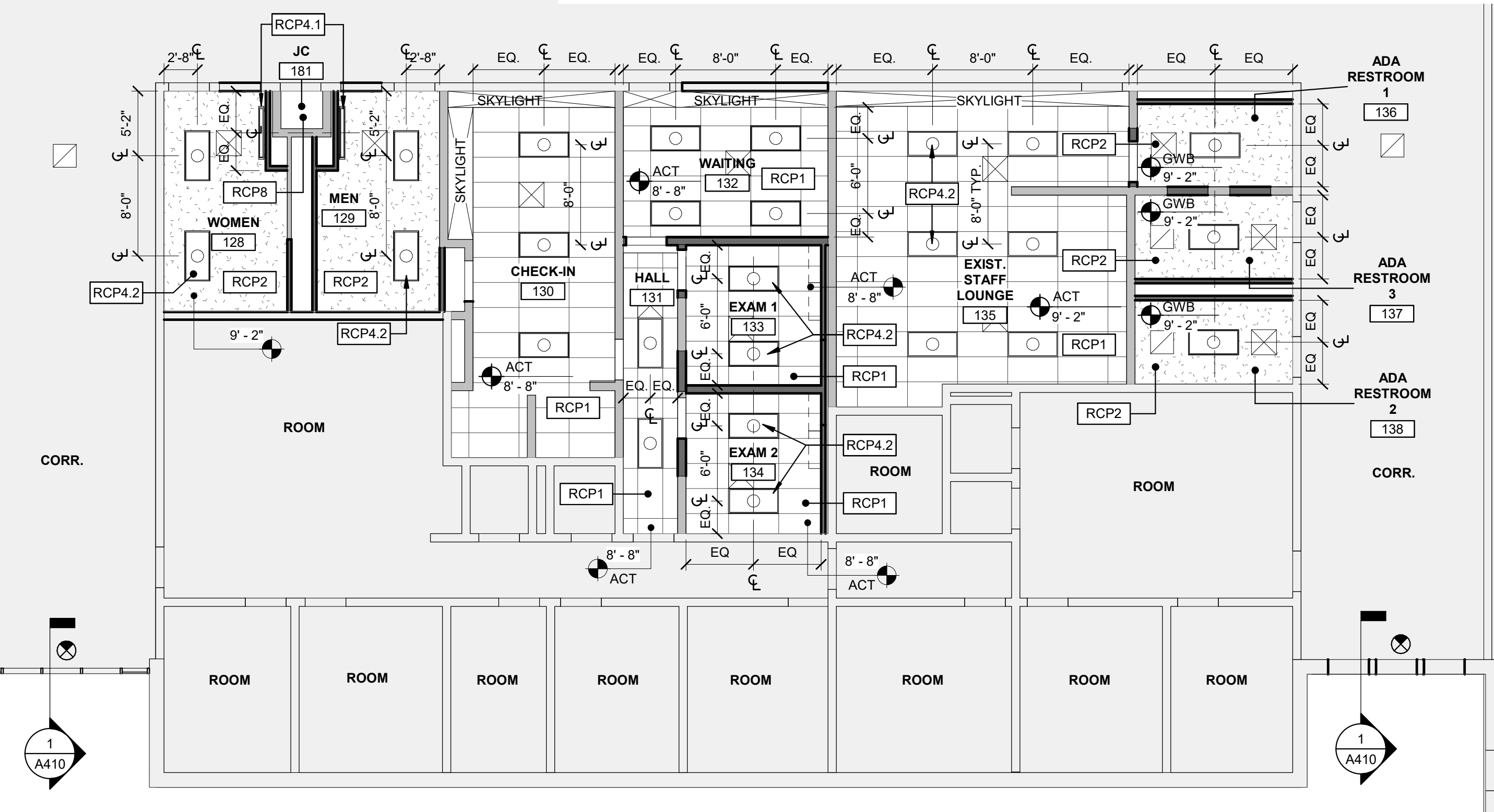
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- ALL CEILING MOUNTED ITEMS ARE TO BE CENTERED IN CEILING TILES U.N.O.
- SPRINKLER HEAD LAYOUT IS APPROXIMATE AND NOT ALL HEADS MAY BE SHOWN. COORDINATE W/ SPRINKLER DRAWINGS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE STARTING WORK.
- PROVIDE WHITE GROMMET TRIM AT ALL SUPPORT CABLE &/OR WIRING PENETRATIONS FOR SUSPENDED ELEMENTS.
- ALL SPACES OPEN TO STRUCTURE TO BE PREPPED FOR PAINT. RE: FINISH SCHEDULE.
- ACT GRID AT CORRIDORS TO REMAIN 6" OFFSET FROM FACE OF WALLS U.N.O.
- ALL NEW WALLS EXTEND TO UNDERSIDE OF ROOF DECK U.N.O.

CONSTRUCTION LEGEND

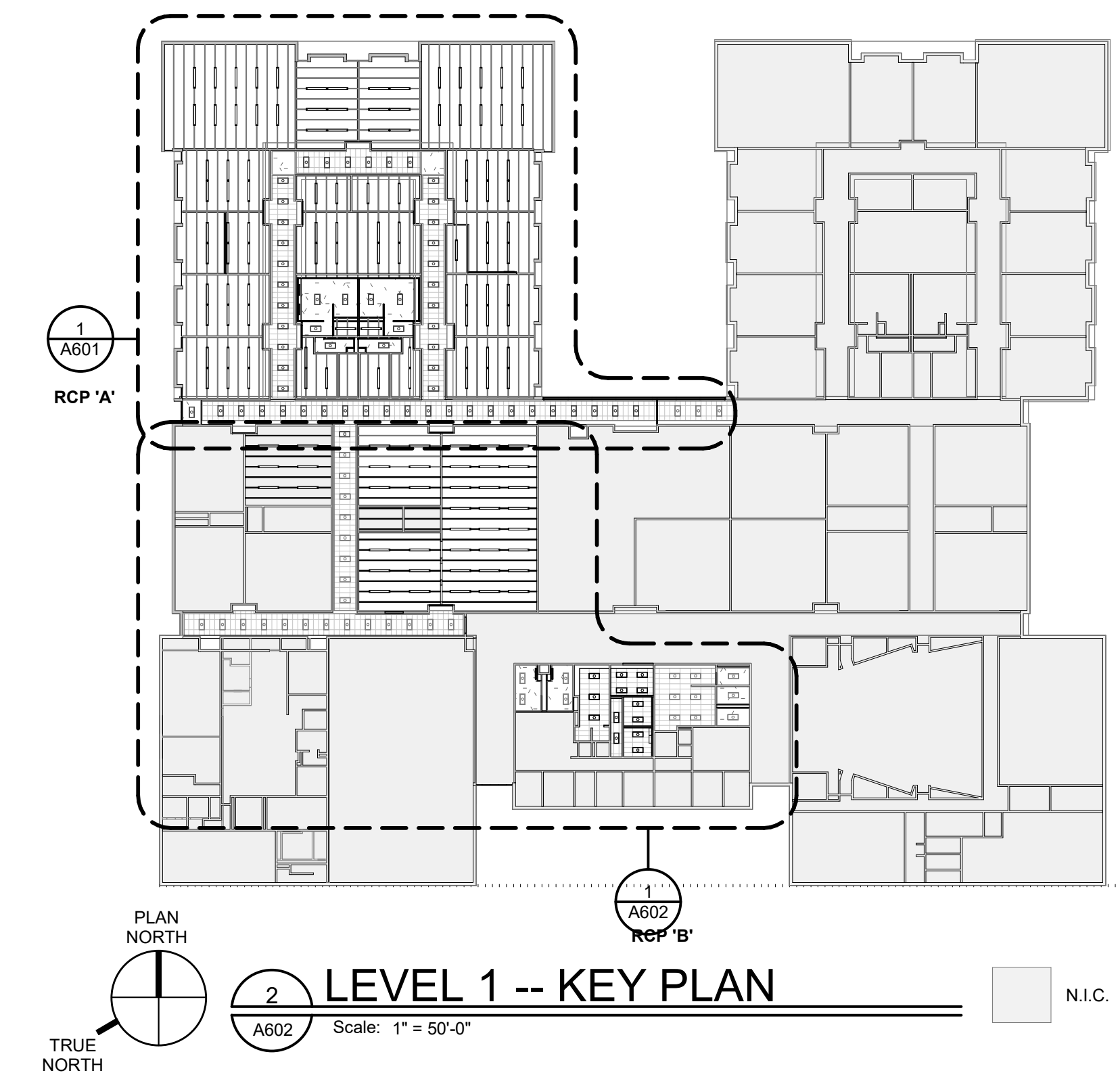


RCP WORK NOTES

- RCP1** F&I SUSPENDED ACT ASSEMBLY AND GRID. RE: RCP FOR HEIGHT. RE: FINISHES FOR MORE INFORMATION.
- RCP2** F&I GYP. BD. CEILING &/OR SOFFIT. PROVIDE PAINT.
- RCP4.1** F&I WALL MOUNTED SCONCE LIGHT FIXTURE. COORD. W/ INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS AS REQUIRED. RE: ELEC DWGS TYP.
- RCP4.2** F&I 2X4 LY IN CEILING LIGHT FIXTURE. COORD. W/ SECTIONS FOR MOUNTING HEIGHTS AS REQUIRED. RE: ELEC DWGS TYP.
- RCP4.3** F&I 8" SURFACE MOUNT LIGHT FIXTURE. COORD. W/ SECTIONS FOR MOUNTING HEIGHTS AS REQUIRED. RE: ELEC DWGS TYP.
- RCP8** PREP ALL EXISTING EXPOSED STRUCTURE AND TECTUM DECKING FOR PAINT. RE: FINISH SCHEDULE.



PLAN NORTH
LEVEL 1 - REFLECTED CEILING PLAN 'B'
 Scale: 1/8" = 1'-0"



PLAN NORTH
LEVEL 1 -- KEY PLAN
 Scale: 1" = 50'-0"

Drawn by MW, PD, AL
 Checked by JCI
 Revised on

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FOR CONSTRUCTION

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Sheet Contents
REFLECTED CEILING PLANS 'B'

Project Number. 6834
 Drawing No. **A602**
 Sheet of

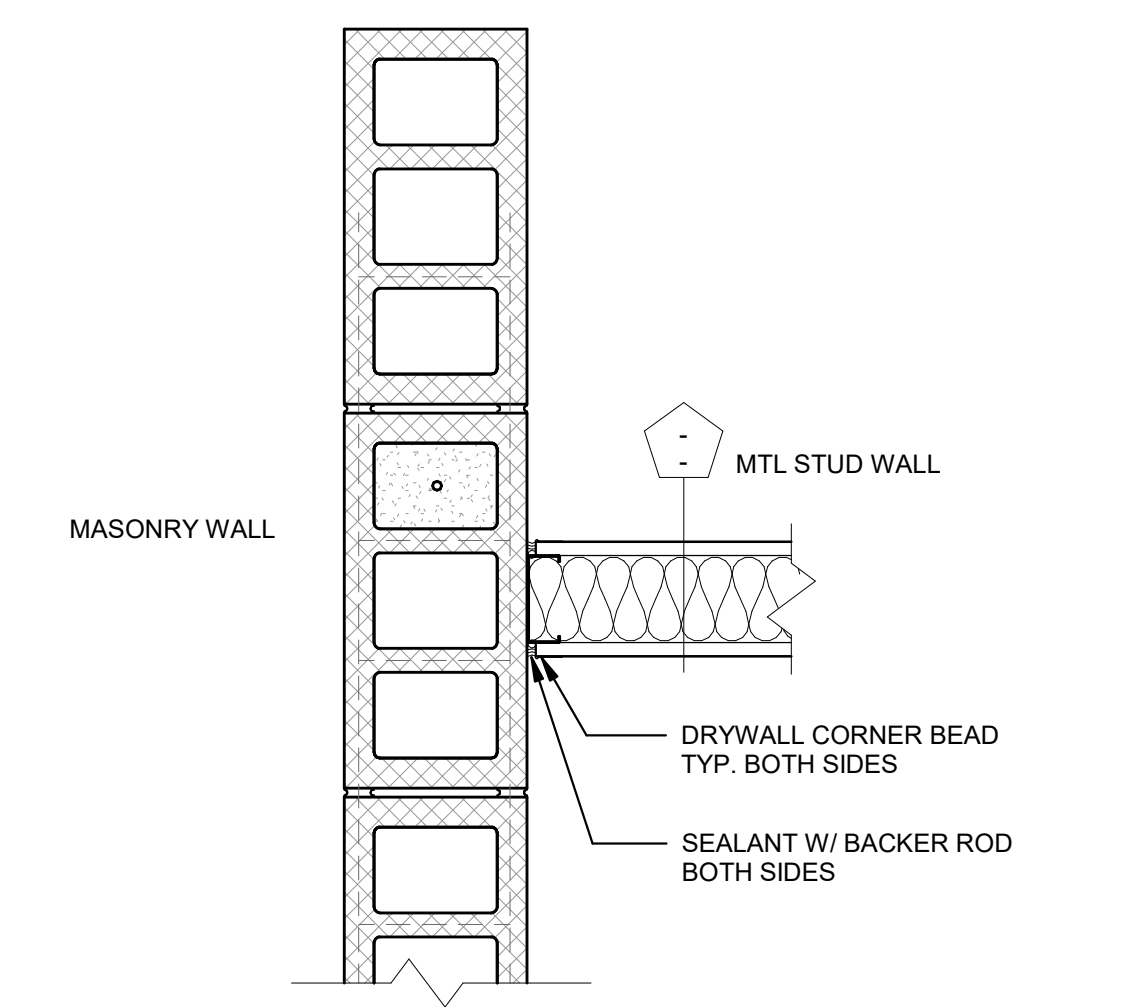
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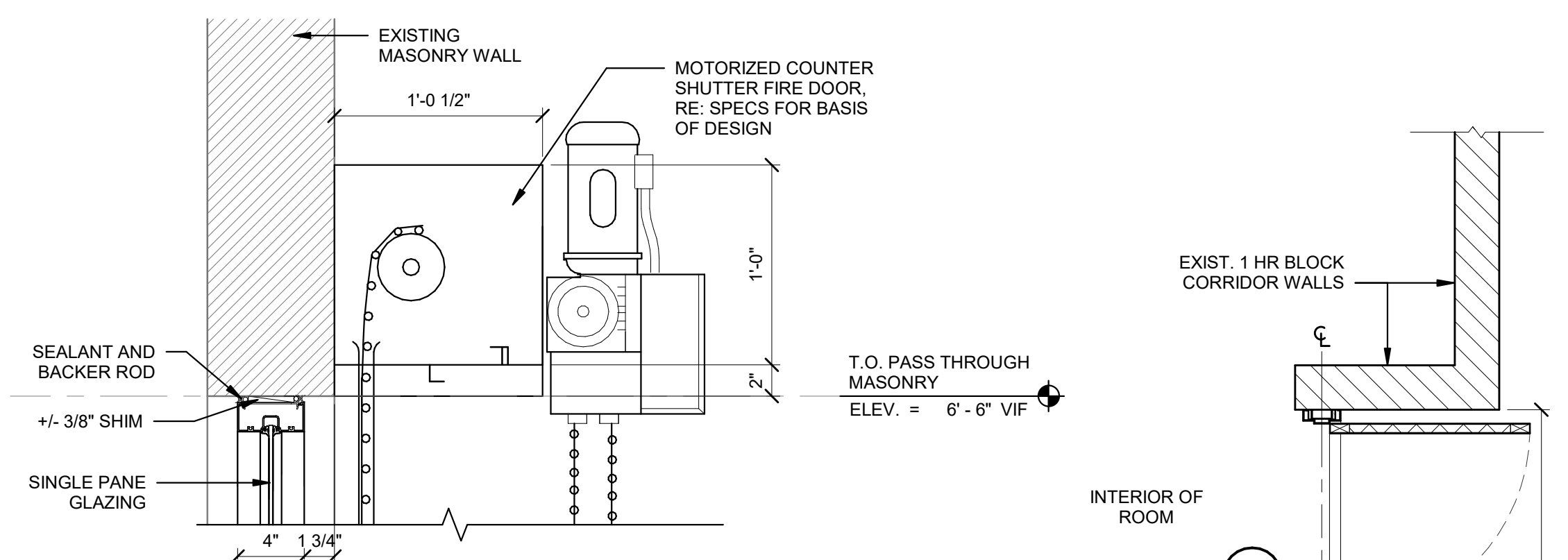
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Certification

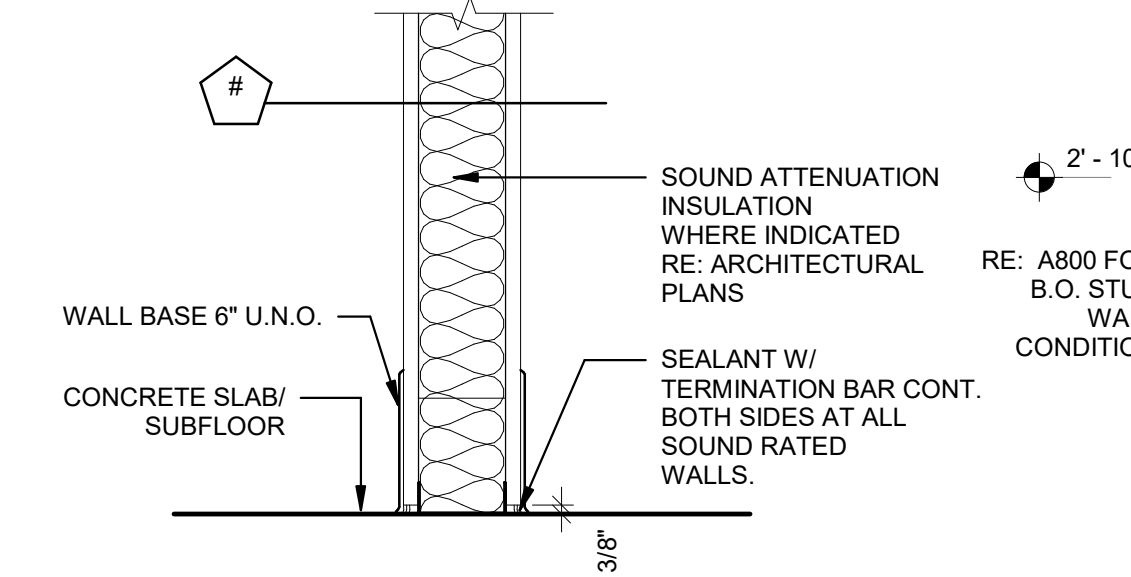
Drawn by MW, PD, AL
 Checked by JCI
 Revised on



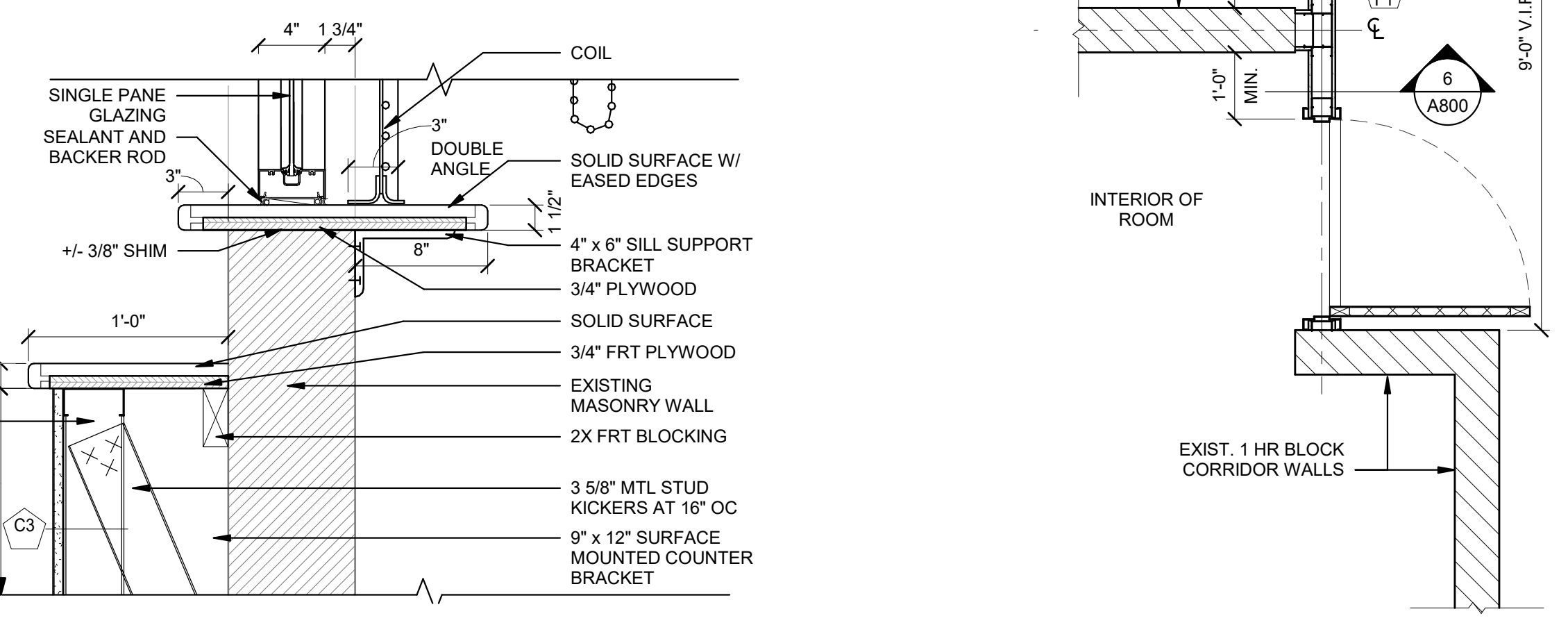
1 WALL TERMINATION CMU-STUD
 A800 Scale: 1 1/2" = 1'-0"



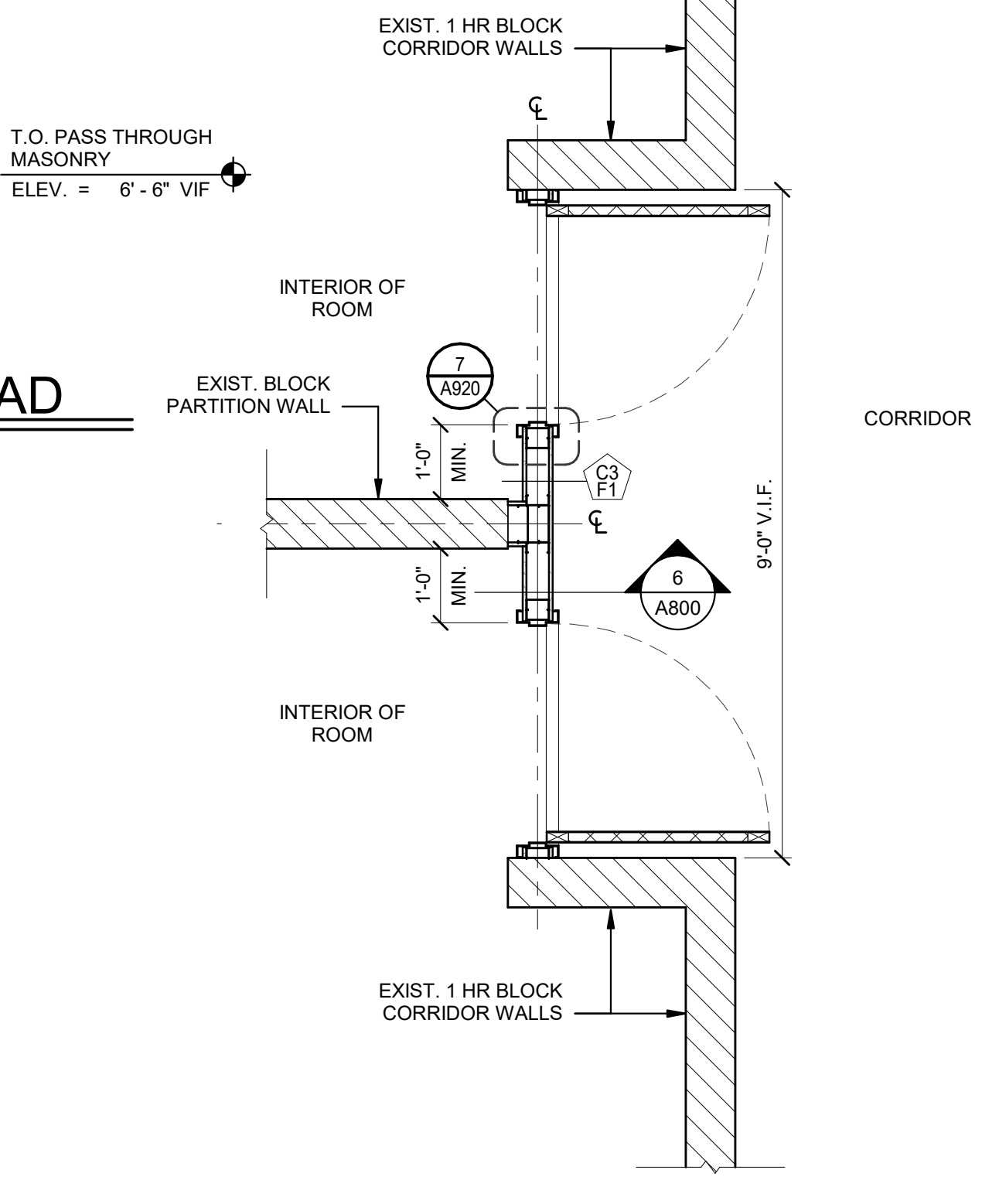
2 PASS THROUGH WINDOW HEAD
 A800 Scale: 1 1/2" = 1'-0"



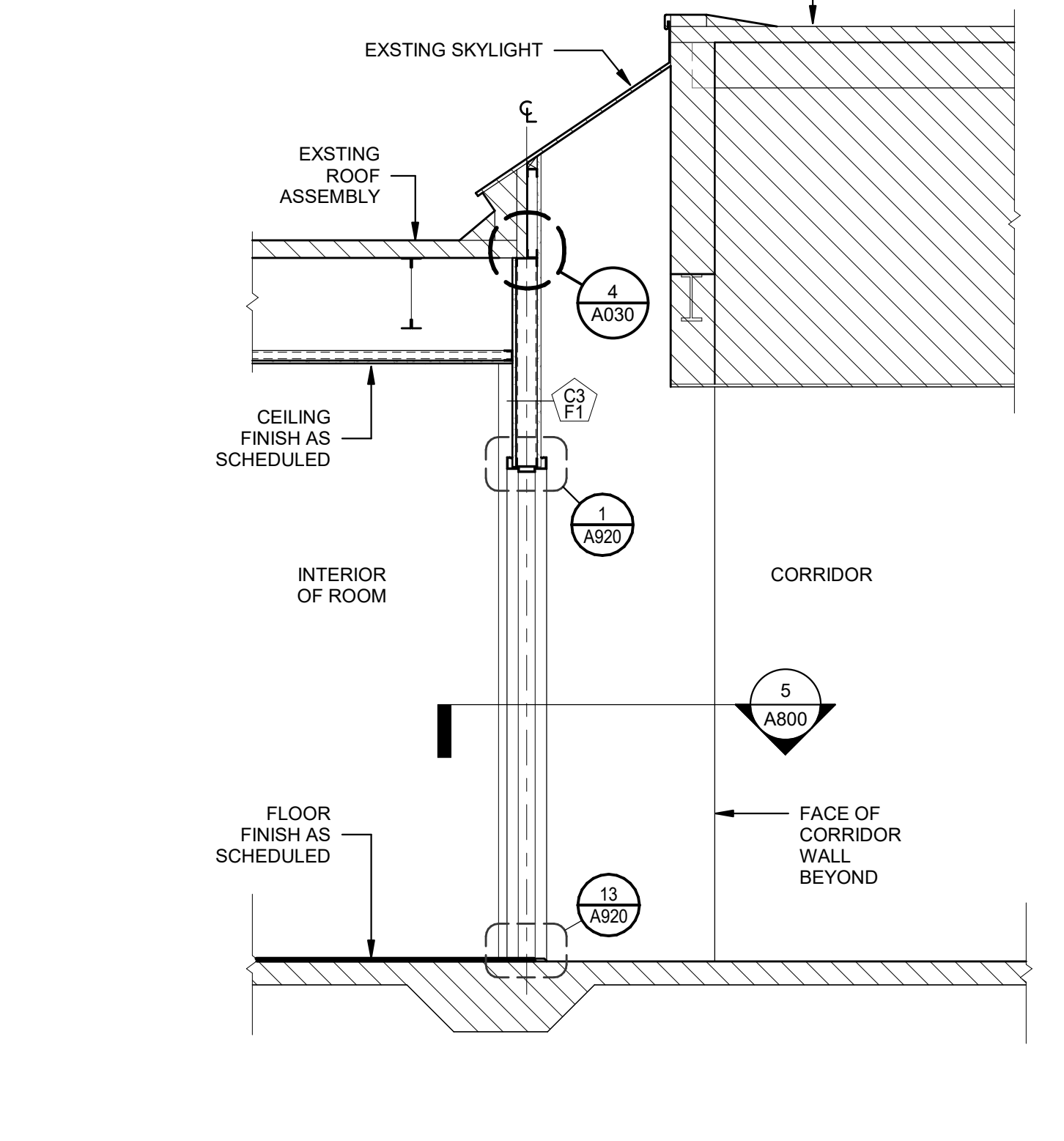
3 TYP. BOTTOM STUD WALL
 A800 Scale: 1 1/2" = 1'-0"



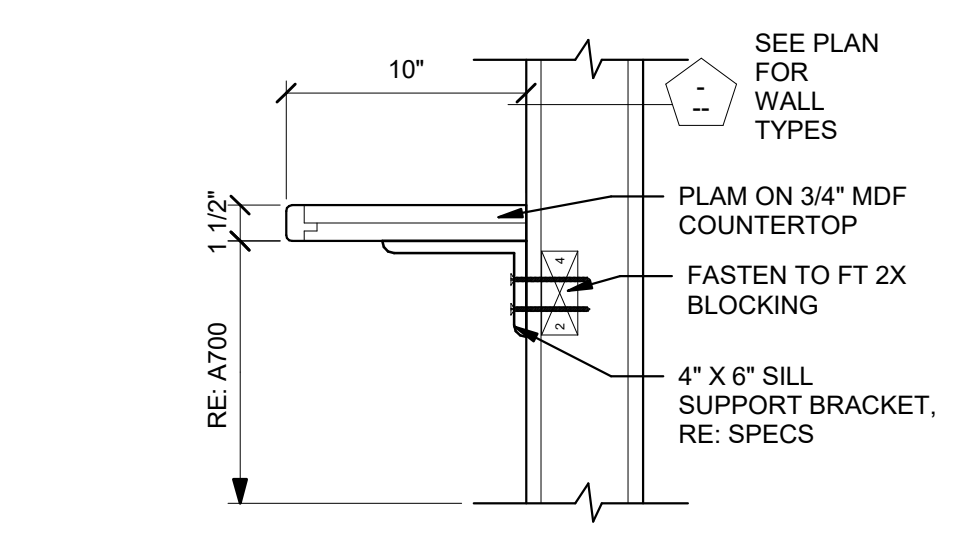
4 PASS THROUGH WINDOW SILL
 A800 Scale: 1 1/2" = 1'-0"



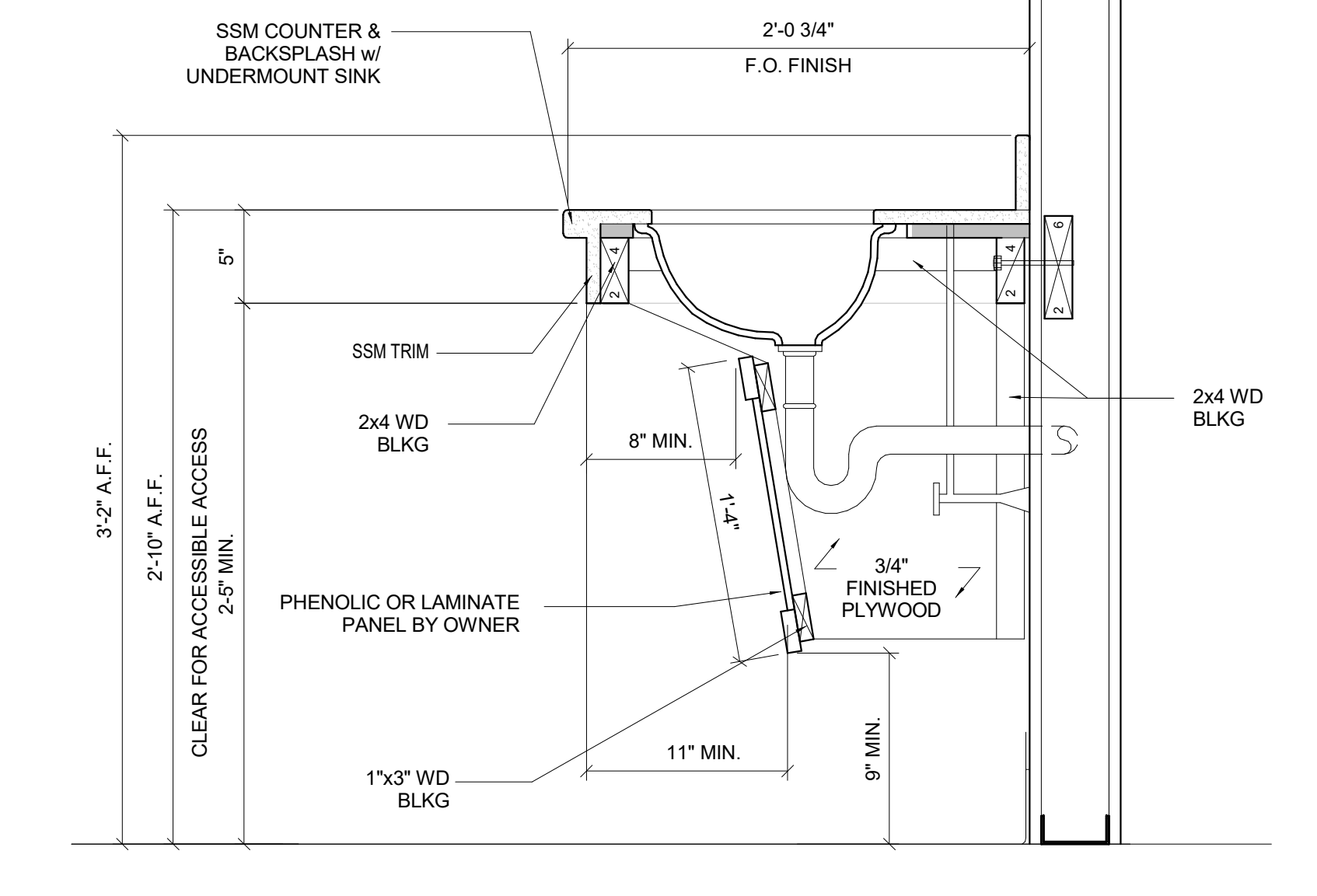
5 TYP. ENTRY DOOR ASSEMBLY PLAN
 A800 Scale: 1/2" = 1'-0"



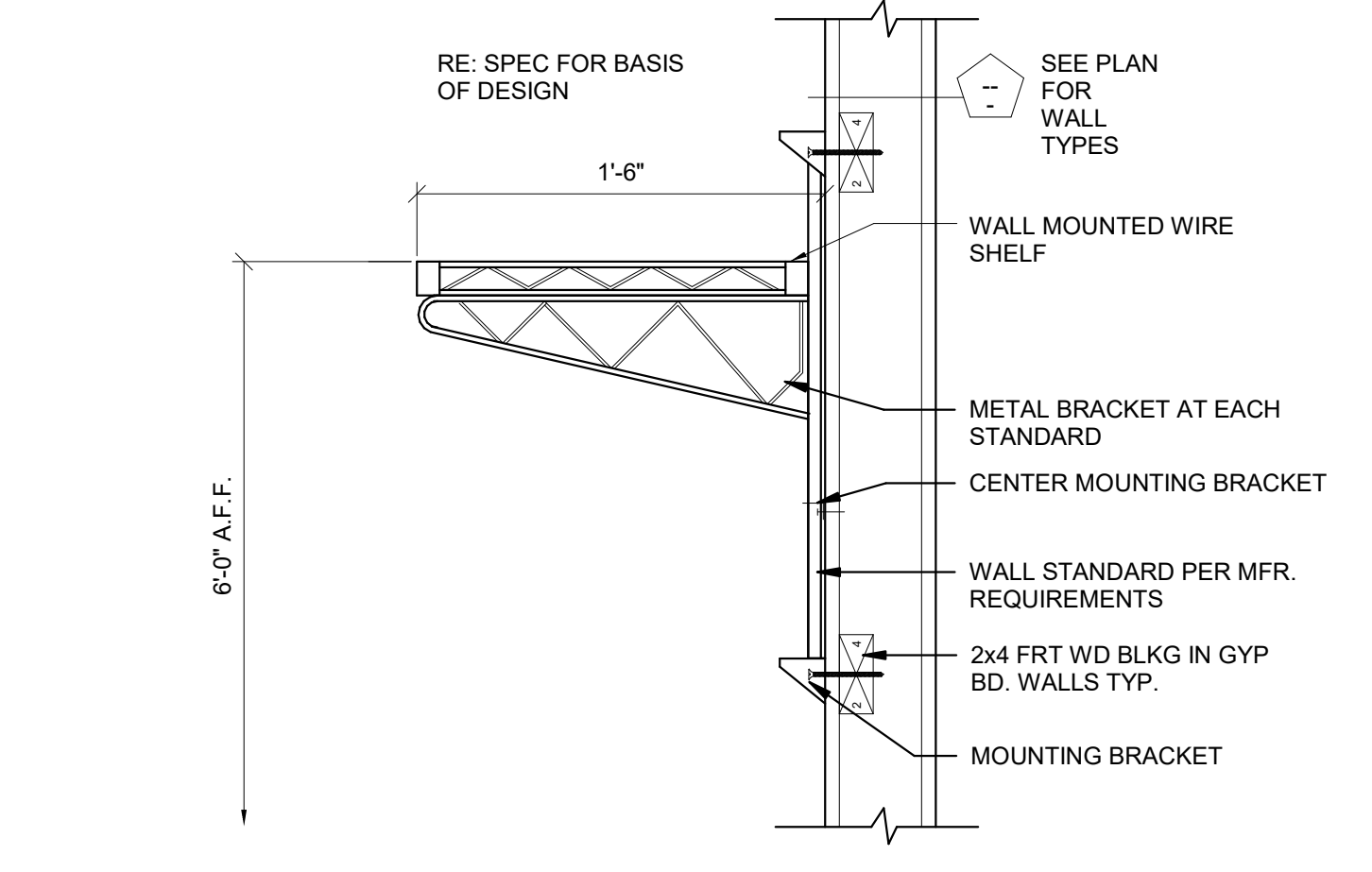
6 TYP. ENTRY DOOR ASSEMBLY SECTION
 A800 Scale: 1/2" = 1'-0"



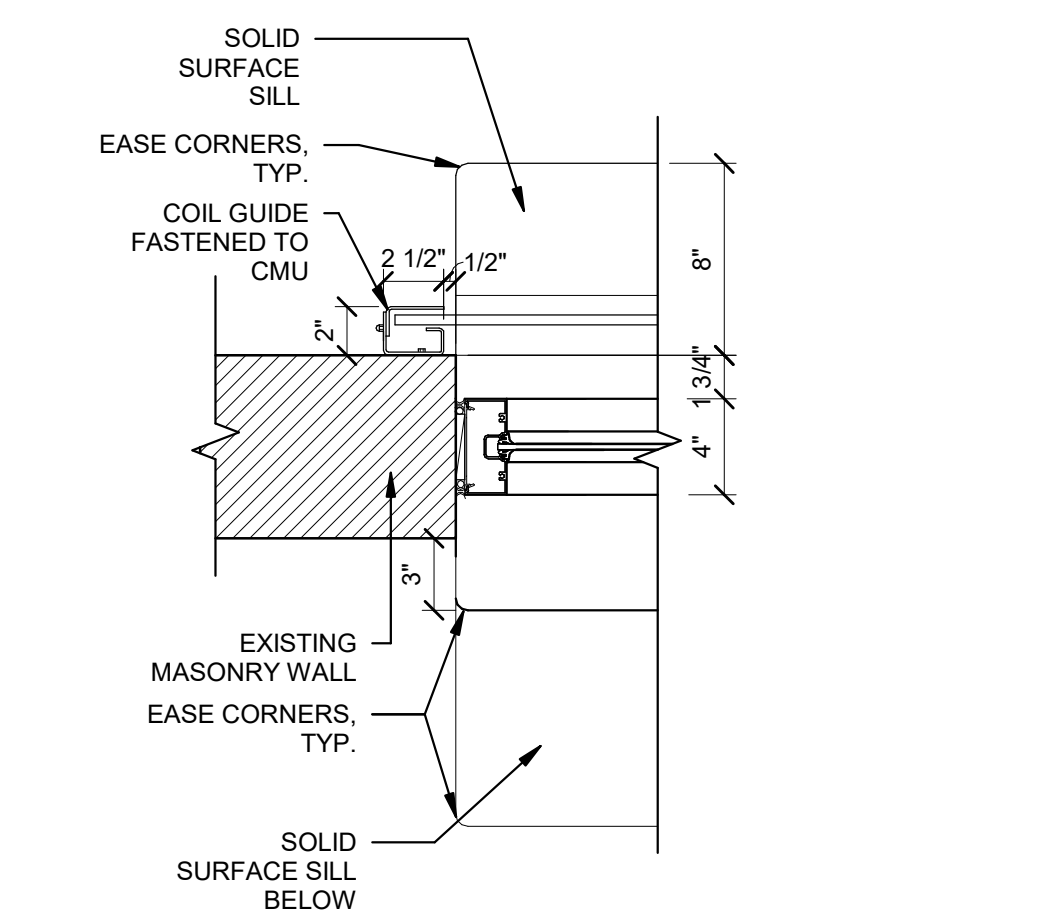
7 CAFE AND STORAGE SHELVING
 A800 Scale: 1 1/2" = 1'-0"



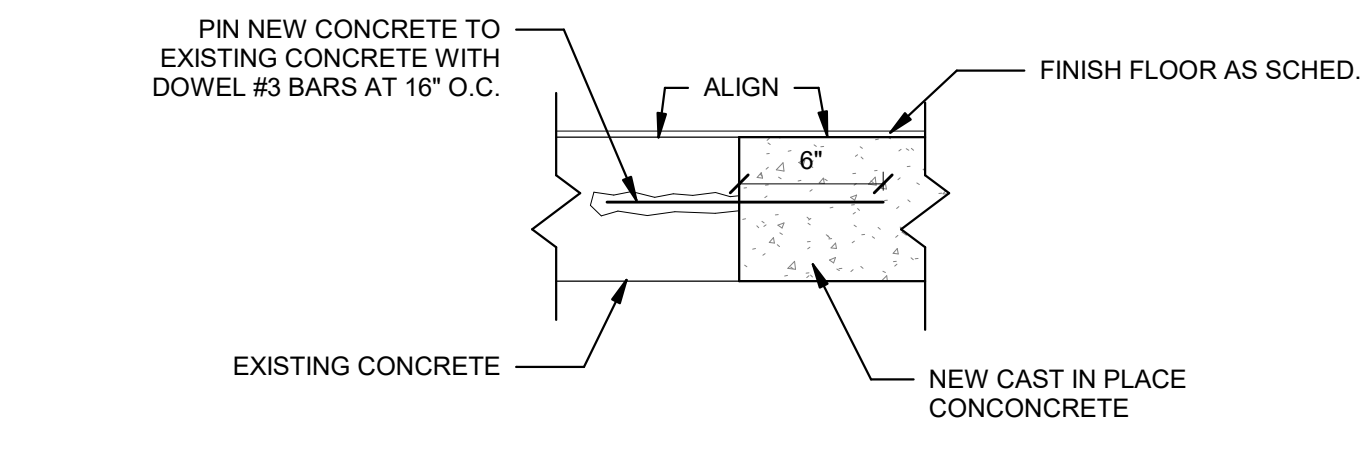
8 MILLWORK SINK AND REMOVABLE SKIRT
 A800 Scale: 1 1/2" = 1'-0"



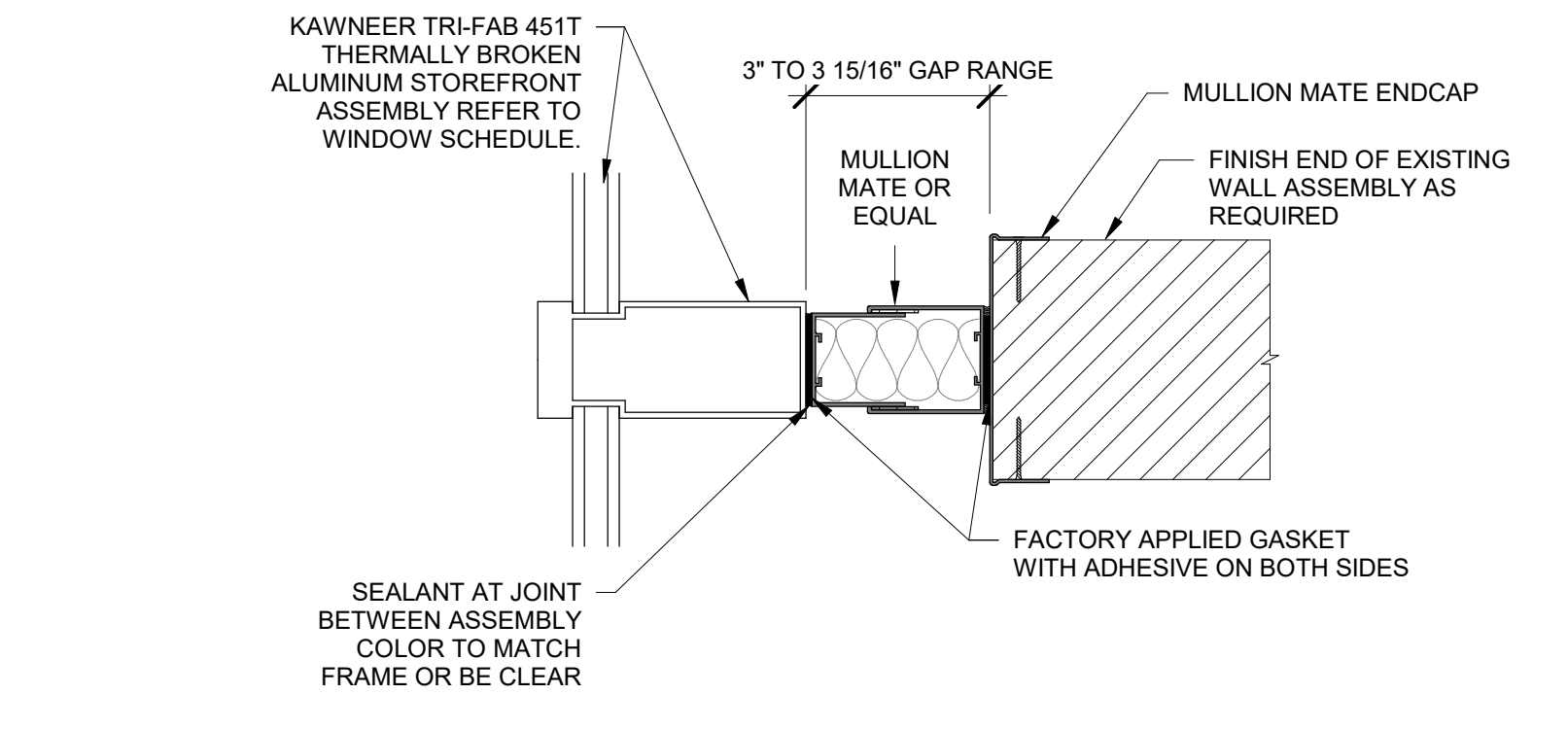
9 JANITOR'S CLOSET SHELF
 A800 Scale: 1 1/2" = 1'-0"



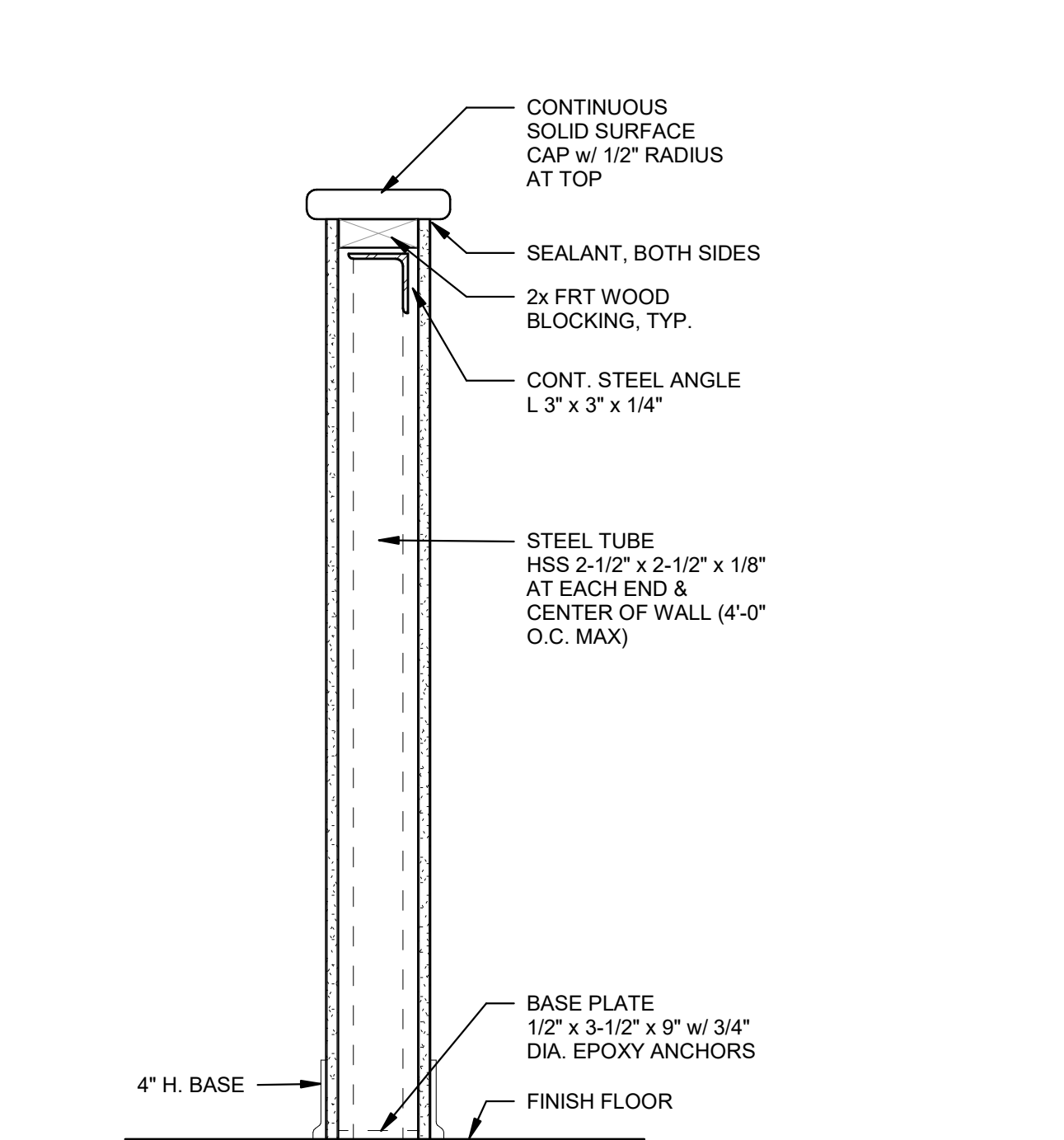
10 JAMB AT PASS THROUGH
 A800 Scale: 1 1/2" = 1'-0"



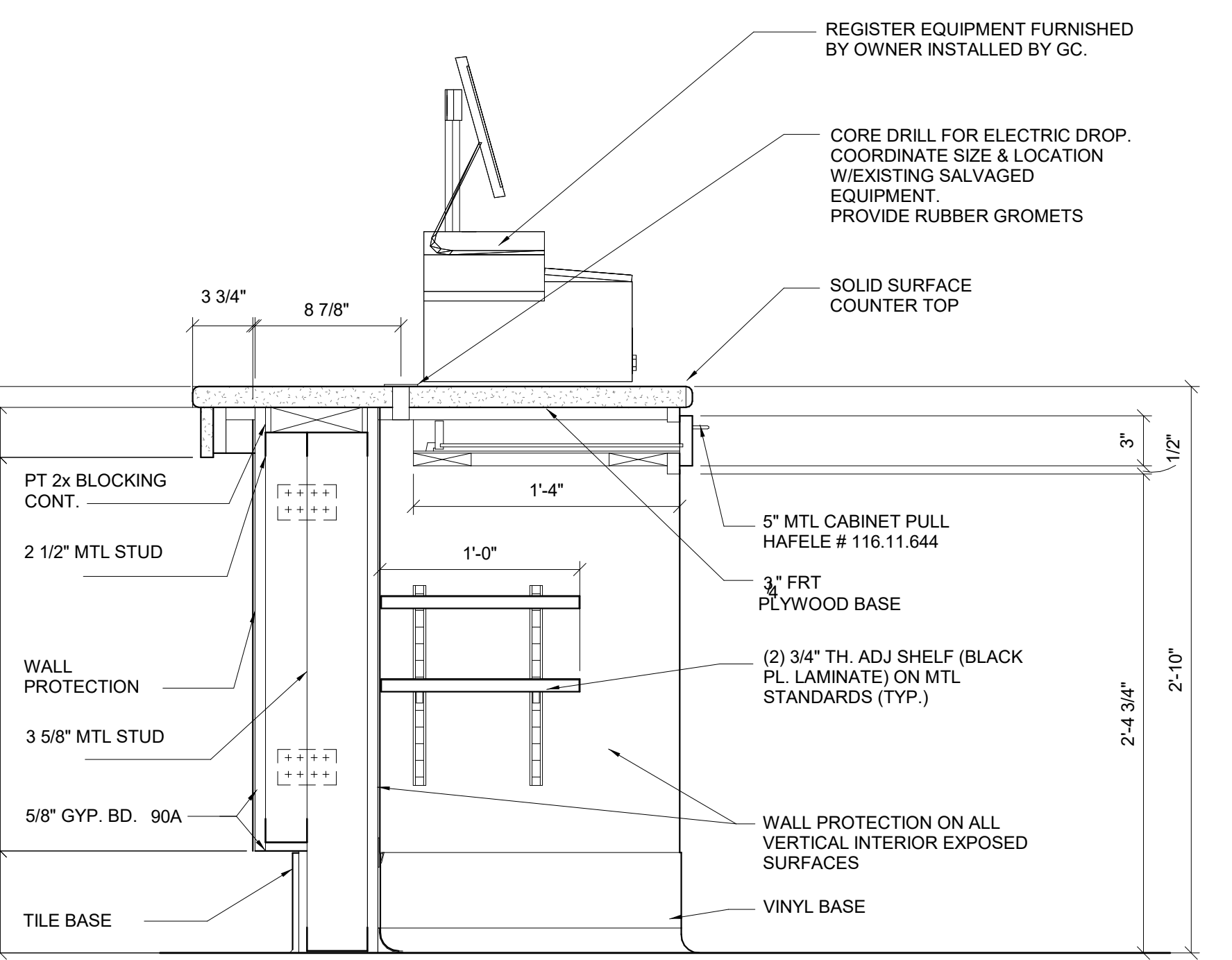
11 EXISTING TO NEW SLAB PIN CONNECTION
 A800 Scale: 1 1/2" = 1'-0"



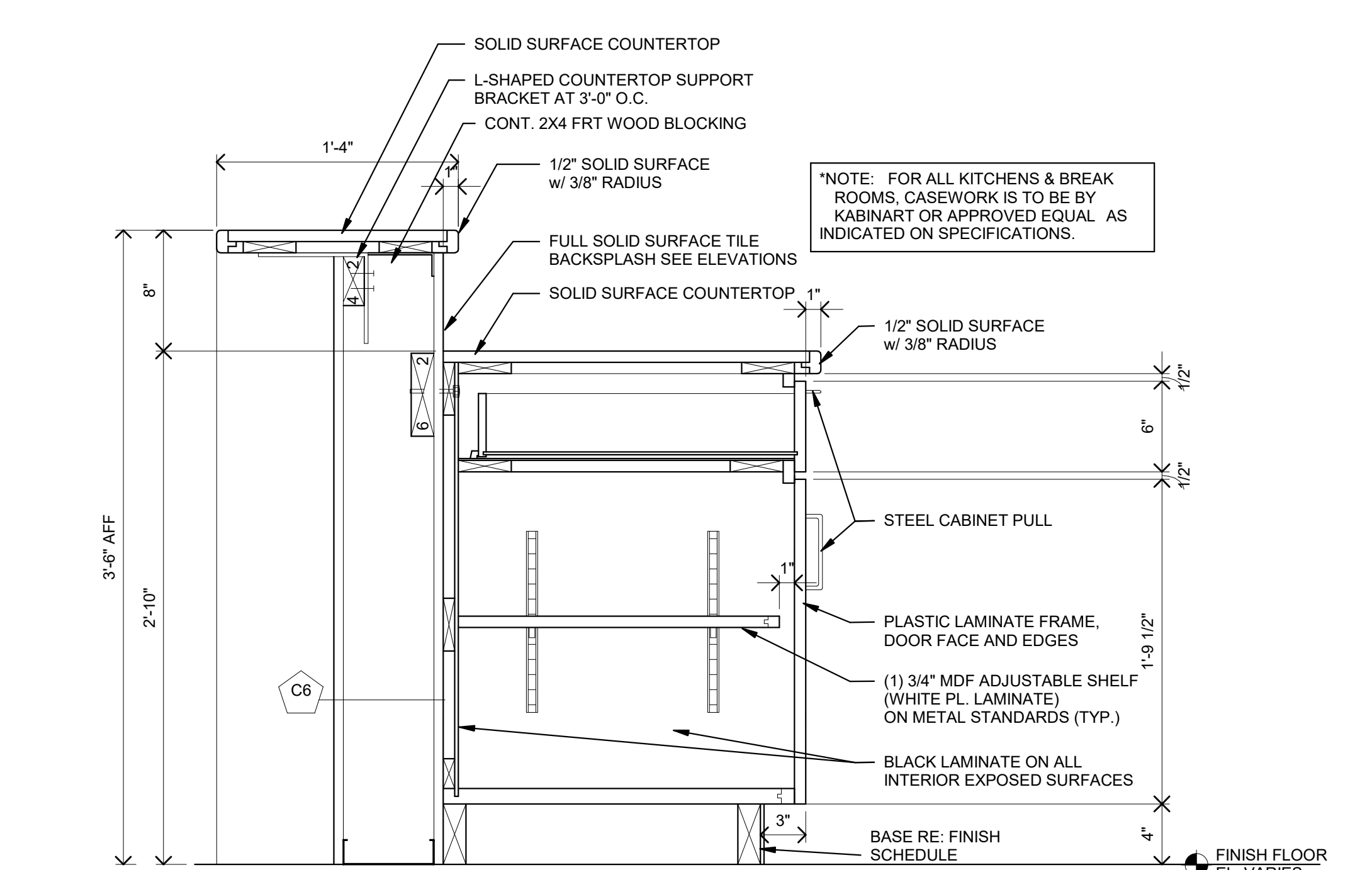
12 WALL TO STOREFRONT TERMINATION
 A800 Scale: 3" = 1'-0"



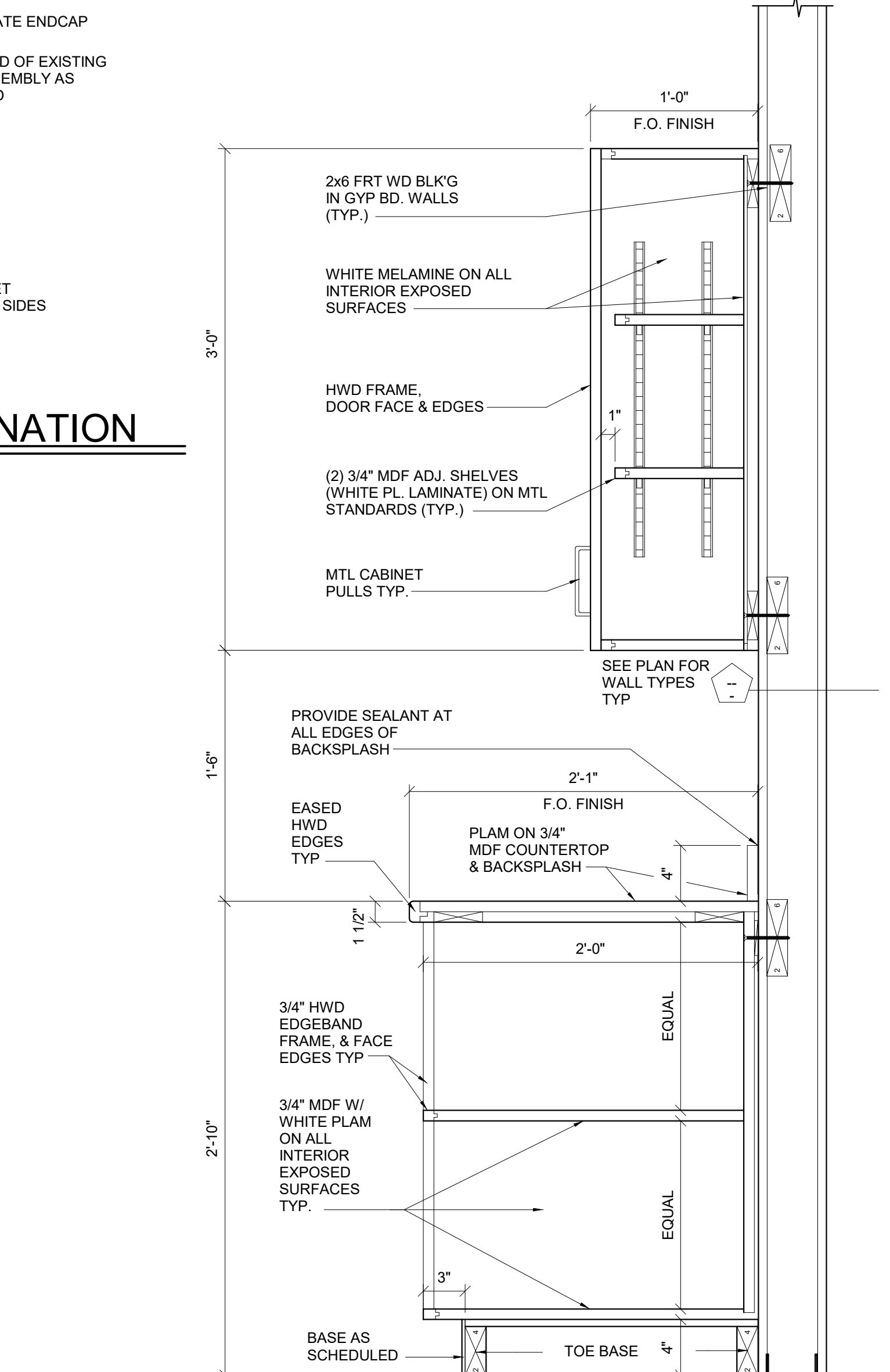
13 TYPICAL LOW WALL
 A800 Scale: 1 1/2" = 1'-0"



14 CASEWORK - P.O.S.
 A800 Scale: 1 1/2" = 1'-0"



15 CASEWORK - TRANSACTION TOP
 A800 Scale: 1 1/2" = 1'-0"



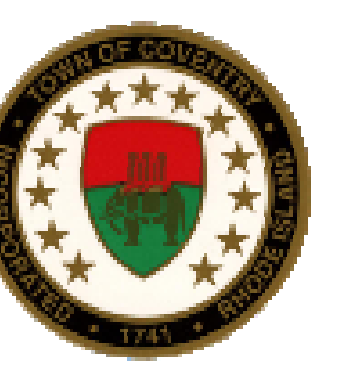
16 CASEWORK WALL AND BASE
 A800 Scale: 1 1/2" = 1'-0"

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Architecture - Project Management - Interior Design

Project
COVENTRY DEPT. OF PUBLIC WORKS
 COVENTRY TOWN HALL ANNEX



1675 FLAT RIVER ROAD
 COVENTRY, RI 02816

Drawing Status
FOR CONSTRUCTION

Issued On 08/02/2024

Sheet Contents
TYPICAL INTERIOR DETAILS

Project Number: 6834
 Drawing No. **A800**

Sheet of

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Certification

Drawn by MW, PD, AL

Checked by JCI

Revised on

GENERAL NOTES

- REFER TO SHEET:
 - 6001 FOR SYMBOLS AND ABBREVIATIONS
 - A100, A300, A700 FOR FINISHES
 - A910 FOR DOOR SCHEDULE & GLAZING SCHEDULE
- G.C. SHALL SUBMIT MANUFACTURER'S COLOR SELECTION FOR ALL SPECIFIED MATERIALS. (COLOR SCHEDULE TO BE COMPLETED UPON RECEIPT AND APPROVAL OF ALL SPECIFIED FINISHES)
- COORDINATE ALL NEW WORK W/ MEP DRAWING. NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.
- OUTLET AND RECEPTACLE COVERS ARE TO BE WHITE FINISH AS BASIS OF DESIGN. CONSULT WITH ARCHITECT FOR FINAL COLOR SELECTION.
- COORDINATE ALL INTERIOR FINISHES WITH INTERIOR FINISH SCHEDULE.
- G.C. SHALL INSTALL FRT WOOD BLOCKING AT ALL AREAS INDICATED TO RECEIVE WALL MOUNTED ITEMS, CABINETS, SHELVING, TOILET ACCESSORIES, ETC.
- ALL SPECIFIED FINISHES SHALL BE CONTINUOUS BEHIND ALL MOUNTED OR APPLIED ITEMS, I.E.: MIRRORS, TACK BOARDS, ETC.
- REFER TO REFLECTED CEILING PLANS FOR CEILING HEIGHTS.
- ALL RUBBER BASE WILL BE STRAIGHT AT CARPETS AND COVED AT RESILIENT FLOORING.
- PAINT ALL EXPOSED DUCTS, CONDUITS, PIPING, ETC. NOT CONCEALED BY ROOM FINISHES. COORDINATE WITH MEP DRAWINGS.
- GC AND VENDORS SHALL DETERMINE AVAILABILITY OF ALL FINISH MATERIALS. ANY DELIVERY SCHEDULE THAT POTENTIALLY MAY CAUSE COORDINATION PROBLEMS DURING THE FINAL STAGES OF CONSTRUCTION/INSTALLATION SHALL BE BROUGHT TO ATTENTION OF RGB EARLY ON, FOR POSSIBLE RE-EVALUATION OF MATERIAL DESIGNATION. THE LACK OF A TIMELY ORDER DOES NOT CONSTITUTE A RE-SELECTION.
- A MINIMUM QUANTITY OF TWO (2) 1'-0" X 1'-0" FINISH SAMPLES OF ALL SPECIFIED FINISHES SHALL BE PROVIDED FOR APPROVAL PRIOR TO ORDERING.
- REFER TO ELECTRICAL DRAWINGS FOR LOCATION AND MOUNTING HEIGHTS OF ALL FIRE ALARM DEVICES.
- GC SHALL ASSURE THAT NO ELECTRIC RECEPTACLE OR TELECOMMUNICATIONS OUTLET COVERPLATES HAVE BEEN INSTALLED PRIOR TO COMPLETION OF APPLICATION OF ANY WALL FINISH MATERIALS. ANY SUCH COVERPLATES OR SURFACE HARDWARE, ETC. IN PLACE, SHALL BE REMOVED PRIOR TO WALL FINISH APPLICATION.
- UPON COMPLETION OF FINISH PHASE OF JOB, GC SHALL REMOVE ALL PAINT, ETC., FROM WHERE IT HAS SPILLED, SPLASHED, OR SPATTERED.
- ALL FINISH FLOORING MATERIAL INSTALLATION SHALL BE PER MANUFACTURERS RECOMMENDATION. SEAMS SHALL BE TIGHT/INVISIBLE. GC SHALL PROVIDE AND MAINTAIN ADEQUATE PROTECTION FOR ALL NEWLY INSTALLED FLOORING MATERIALS FOR THE DURATION OF CONSTRUCTION AND REMOVE PROTECTION ONLY IMMEDIATELY BEFORE JOB COMPLETION. FLOOR WILL BE THOROUGHLY CLEANED OF ALL ADHESIVE, GROUT, CONSTRUCTION STAINS, ETC.
- GC IS RESPONSIBLE FOR ALL FLASH PATCHING AND TO HAVE FLOOR IN CONDITION TO RECEIVE NEW FLOORING MATERIALS.
- GC, ALL VENDORS/SUBCONTRACTORS ARE RESPONSIBLE FOR FIELD VERIFICATION OF ALL DIMENSIONS, QUANTITIES ETC., OF THEIR RESPECTIVE WORK.
- FOR FLOOR MATERIAL CHANGE LOCATIONS, RE: FLOOR PLANS.
- CARPET SUPPLIER/INSTALLER SHALL PROVIDE CURRENT STOCK SAMPLES OF SPECIFIED CARPET FINISHES FOR APPROVAL PRIOR TO ORDERING. PROVIDE TRANSITION STRIPS AS SPECIFIED OR NECESSARY (VINYL, IF NOT SPECIFIED)
- CARPET CONTRACTOR TO SUBMIT SEAMING DIAGRAMS FOR APPROVAL
- FOR WALL MATERIAL FINISH CHANGE LOCATIONS, RE: INTERIOR WALL ELEVATIONS
- FOR ADDITIONAL WORK REQUIRED, RE: INTERIOR WALL ELEVATION
- NOT ALL WALL OBJECTS MAY BE SHOWN. COORDINATE WITH MECH; PLUMBING/ELECTRICAL DRAWINGS ALSO REFER ARCHITECTURAL DWGS & SPECIFICATIONS FOR ADDITIONAL ITEMS
- INSULATE ALL EXPOSED PIPES & SINK BOTTOM WITH TRAP WRAP PROTECTIVE KIP #500R-MA, AS MFRD BY BROCAR PRODUCTS (1-800-827-1207), OR ARCHITECT APPROVED EQUAL
- FOR TOILET FIXTURE MOUNTING HEIGHTS RE: DRAWINGS
- FOR TOILET ACCESSORIES SCHEDULE RE: DRAWINGS
- PROVIDE WATER RESISTANT CEMENT BOARD AT ALL TOILET ROOMS
- PROVIDE INSULATION AT ALL EXPOSED PIPES & SINK BOTTOM WITH TRAP WRAP PROTECTIVE KIP #500R-MA, AS MFRD BY BROCAR PRODUCTS (1-800-827-1207), OR ARCHITECT APPROVED EQUAL
- PROVIDE SPLASH TRIM AT ALL WALLS ADJACENT TO COUNTER TOPS. TYPICAL
- PROVIDE BASE FINISH AT TOE KICKS OF ALL CABINETS KITCHENS & VANITIES
- PROVIDE BASE FINISH AT ALL FINISH CABINETS END PANELS
- PROVIDE PAINTED FINISH AND CAULKING BEHIND ALL MIRRORS
- PAINT ALL EXPOSED CONDUITS, JUNCTION BOXES ETC.
- PAINT FIRE ALARM BOXES RED
- ALL EXPOSED STRUCTURE AND TECTUM WITHIN SCOPE OF WORK TO BE PAINTED, RE: FINISH SCHEDULE.
- SEAL FLOOR/WALL JOINTS AT CONC. FLOOR WHERE BASE IS NOT REQ. TYP.
- BASIS OF DESIGN FOR ALL INTERIOR PAINT:
 - CONCRETE MASONRY UNITS:
 - 1ST COAT - SW PRO INDUSTRIAL BLOCK FILLER, B46 SERIES
 - 2ND COAT - SW PROMAR 200 ZERO VOC INTERIOR LATEX EG-SHEL B20 SERIES
 - 3RD COAT - SW PROMAR 200 ZERO VOC INTERIOR LATEX EG-SHEL B20 SERIES
 - GYPSUM DRYWALL SYSTEM (EXCEPT CEILINGS):
 - 1ST COAT - SW PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER, B28 SERIES
 - 2ND COAT - SW PROMAR 200 ZERO VOC INTERIOR LATEX EG-SHEL B20 SERIES
 - 3RD COAT - SW PROMAR 200 HP ZERO VOC INTERIOR LATEX EG-SHEL B20 SERIES
 - FERROUS METALS: (FOR ALL EXPOSED TO VIEW METAL IN FINISHED ROOMS, INCLUDING GRILLES, DIFFUSERS, PIPING, DUCTS, CONDUIT, METAL DOORS AND FRAMES AND MISCELLANEOUS METALS, WHEN CONCEALED FROM VIEW AND IN MECHANICAL EQUIPMENT ROOMS, GROUT PRIME, ONLY):
 - 1ST COAT - SW PRO CRYL PRIMER, B66 SERIES
 - 2ND COAT - SW PRO INDUSTRIAL PRE CATALYZED EPOXY EG-SHEL, K45 SERIES
 - 3RD COAT - SW PRO INDUSTRIAL PRE CATALYZED EPOXY EG-SHEL, K45 SERIES
 - DRYWALL CEILINGS:
 - FLAT FINISH: (4 MILS WET, 1.6 MILS DRY PER COAT)
 - 1ST COAT - SW PROMAR 200 ZERO VOC INTERIOR LATEX PRIMER, B28 SERIES
 - 2ND COAT - SW PROMAR CEILING PAINT, A27 SERIES
 - 3RD COAT - SW PROMAR CEILING PAINT, A27 SERIES
 - GALVANIZED/ZINC COATED METAL: (FOR ALL EXPOSED TO VIEW METAL, IN FINISHED ROOMS, INCLUDING DUCTS, CONDUIT, GRILLES, DIFFUSERS, MISCELLANEOUS METALS.):
 - SEMI-GLOSS FINISH: (4 MILS WET, 1.6 MILS DRY PER COAT)
 - 1ST COAT - SW PROCRYL UNIVERSAL PRIMER, B66-10 SERIES (110 G/L)
 - 2ND COAT - SW PROMAR 200 HP ZERO VOC INTERIOR LATEX SEMI-GLOSS, B31 SERIES (0 VOC)
 - 3RD COAT - SW PROMAR 200 HP ZERO VOC LATEX SEMI-GLOSS, B31 SERIES (0 VOC)
 - ALUMINUM: (FOR ALL EXPOSED TO VIEW ITEMS, INCLUDING GRILLES, DIFFUSERS, LOUVERS, DUCTS, CONDUIT AND MISCELLANEOUS ITEMS, NOT PREFINISHED)
 - SEMI-GLOSS FINISH (4 MILS WET, 1.6 MILS DRY PER COAT)
 - 1ST COAT - SW PROCRYL UNIVERSAL PRIMER, B66-310 SERIES (110 G/L)
 - 2ND COAT - SW PROMAR 200 HP ZERO VOC LATEX SEMI-GLOSS, B31 SERIES (0 VOC)
 - 3RD COAT - SW PROMAR 200 HP ZERO VOC LATEX SEMI-GLOSS, B31 SERIES (0 VOC)

ROOM FINISH SCHEDULE									
ROOM #	ROOM DESCRIPTION	CEILING	WALLS				BASE	FLOOR	REMARKS
			NORTH	EAST	SOUTH	WEST			
101	RECEPTION	TEC-1	PNT-4	PNT-3/PNT-1	PNT-3	PNT-3	RB-1	LVT-1	FIRE SHUTTER AT CORRIDOR OPENING
102	WAITING / RESOURCE RM.	TEC-1	PNT-4	PNT-3/PNT-1	PNT-3	PNT-3	RB-1	LVT-1	
103A	PROJ. FRIENDS OFFICE 1	TEC-1	PNT-4	PNT-3/PNT-1	PNT-3	PNT-3	RB-2	CPT-1, CPT-2	
104	PROJ. FRIENDS CONF.	TEC-1	PNT-4	PNT-3/PNT-1	PNT-3	PNT-3/PNT-1	RB-2	CPT-1, CPT-2	
105	PROJ. FRIENDS MULTI-PURPOSE ROOM	TEC-1	PNT-4	PNT-3	PNT-3/PNT-1	PNT-3	RB-1	LVT-1	
106	PROJ. FRIENDS COMP. LAB	TEC-1	PNT-4	PNT-3	PNT-3/PNT-1	PNT-3	RB-1	LVT-1	
107	CAREER EXPLORATION CNTR.	TEC-1	PNT-4	PNT-3	PNT-3/PNT-1	PNT-3	RB-1	LVT-1	
108	SUPPORTED EMPLOYMENT MULTI-PURPOSE RM	TEC-1	PNT-4	PNT-3	PNT-3/PNT-1	PNT-3	RB-1	LVT-1	
109	COMPUTER RESOURCE LAB	TEC-1	PNT-4	PNT-3	PNT-3	PNT-3/PNT-1	RB-1	LVT-1	
110	COFFEE SHOP	TEC-1	PNT-4	PNT-3	PNT-3/FRP-1	PNT-1/PNT-3	RB-1	LVT-1	RE: PLUMBING FOR EQUIPMENT.
110.1	STOR.	TEC-1	PNT-3/PNT-1	PNT-1	PNT-3	PNT-3	RB-1	LVT-1	WIRE SHELVING, WALK-IN FRIDGE & FREEZER
110A	VESTIBULE	ACT-1	PNT-3	-	PNT-3	-	RB-2	CPT-3	
111	PARENT RESOURCE	TEC-1	PNT-4	PNT-3	PNT-3	PNT-3/PNT-1	RB-2	CPT-1, CPT-2	
112	COMMUNITY ACTION CNTR.	TEC-1	PNT-4	PNT-3	PNT-3	PNT-3/PNT-1	RB-2	CPT-1, CPT-2	
113	STOR.	GWB-1	PNT-3	PNT-3	PNT-3	PNT-3/PNT-1	RB-1	XTR	EXIST. FLOOR TILE TO REMAIN
114	STOR.	GWB-1	PNT-3	PNT-3/PNT-1	PNT-3	PNT-3	RB-1	XTR	EXIST. FLOOR TILE TO REMAIN
115	STOR.	TEC-1	PNT-3	PNT-1	PNT-3	PNT-1/PNT-3	RB-1	XTR	EXIST. WOOD FINISH PARTITION WALL TO REMAIN
116	STOR.	TEC-1	PNT-3	PNT-3/PNT-1	PNT-3	PNT-1	RB-1	XTR	EXIST. WOOD FINISH PARTITION WALL TO REMAIN
117	MEN	GWB-1	PNT-2	PNT-2	PNT-2/PNT-3	PNT-2	TB-1	FT-1	
117A	JC	TEC-1	PNT-2/FRP-1	PNT-2/FRP-1	PNT-3	PNT-2	TB-1	FT-1	MOP SINK, MOP & BROOM HOLDER, WIRE SHELVING
118	WOMEN	GWB-1	PNT-2	PNT-2	PNT-2/PNT-3	PNT-3/PNT-2	TB-1	FT-1	
118A	STORAGE	TEC-1	PNT-1	PNT-1	PNT-3	PNT-1	TB-1	FT-1	MOP SINK, MOP & BROOM HOLDER, WIRE SHELVING
119	SHOWER 2	GWB-1	PNT-2	PNT-3	PNT-3	PNT-2	TB-1	FT-1	
120	SHOWER 1	GWB-1	PNT-2	PNT-2	PNT-3	PNT-3	TB-1	FT-1	
121	LAUNDRY	TEC-1	PNT-3	PNT-3	PNT-3	PNT-3	TB-1	FT-1	
122	STOR.	TEC-1	PNT-3	PNT-3	PNT-3	PNT-3	RB-1	XTR	
123	STOR.	TEC-1	PNT-3	PNT-3/PNT-1	PNT-3	PNT-3	RB-1	XTR	
124	STORAGE	TEC-1	PNT-3/PNT-1	PNT-3	PNT-3	PNT-3	RB-1	XTR	
125	LIBRARY ANNEX LAB	TEC-1	PNT-4/PNT-1	PNT-3	PNT-3	PNT-3	RB-1	LVT-1	
126	STUDY/INSTRUCTIONAL SPACE	TEC-1	PNT-4/PNT-1	PNT-3	PNT-3/PNT-1	PNT-3	RB-2	CPT-1, CPT-2	
126A	CORR.	ACT-1	-	PNT-3	PNT-1	PNT-3	RB-1	XTR	
127	LIBRARY ANNEX OFFICES	TEC-1	PNT-4	PNT-3	PNT-3/PNT-1	PNT-3	RB-2	CPT-1	
128	WOMEN	GWB-1	PNT-3	PNT-3/PNT2	PNT-2	PNT-3	TB-1	FT-1	
128A	CORR.	ACT-1	PNT-3/PNT-1	PNT-3	PNT-3	PNT-3	RB-1	XTR	
129	MEN	GWB-1	PNT-3	PNT-2/PNT-3	PNT-2	PNT-2/PNT-3	TB-1	FT-1	
130	CHECK-IN	ACT-1	PNT-3	PNT-3	PNT-3	PNT-3	RB-1	LVT-1	
131	HALL	ACT-1	PNT-1	PNT-3	PNT-3	PNT-3	RB-1	LVT-1	
132	WAITING	ACT-1	PNT-3	PNT-3	PNT-1	PNT-3	RB-1	LVT-1	
133	EXAM 1	ACT-1	PNT-1	PNT-3	PNT-1	PNT-3	RB-1	LVT-1	
134	EXAM 2	ACT-1	PNT-1	PNT-3	PNT-3	PNT-3	RB-1	LVT-1	
135	EXIST. STAFF LOUNGE	ACT-1	PNT-3	PNT-3	PNT-3	PNT-3	RB-1	LVT-1	
136	ADA RESTROOM 1	GWB-1	PNT-2	PNT-3	PNT-3	PNT-3	TB-1	FT-1	
137	ADA RESTROOM 3	GWB-1	PNT-2	PNT-3	PNT-3	PNT-3	TB-1	FT-1	
138	ADA RESTROOM 2	GWB-1	PNT-2	PNT-3	PNT-3	PNT-3	TB-1	FT-1	
140	CORR.	ACT-1	-	PNT-3/PNT-1	-	PNT-3/PNT-1	RB-1	LVT-1	PATCH AREA OF FLOOR REMOVED FOR NEW PLUMBING
141	CORR.	ACT-1	-	PNT-3/PNT-1	-	PNT-3/PNT-1	RB-1	XTR	
142	CORR.	ACT-1	PNT-3/PNT-1	PNT-3	PNT-3	PNT-3	RB-1	XTR	
180	CORR.	ACT-1	PNT-3/PNT-1	PNT-3	PNT-3/PNT-1	-	RB-1	XTR	
181	JC	TEC-1	PNT-3	PNT-3	PNT-3	PNT-3	TB-1	FT-1	

** NOTE: ALL FINISH SCHEDULE NOTES ARE ALIGNED WITH PROJECT NORTH LAYOUT OF CARPET SQUARES TO BE COORDINATED IN THE FIELD. ASSUME 50/50 SPLIT BETWEEN CPT-1 AND CPT-2

FINISH MATERIAL SCHEDULE					
TAG	DESCRIPTION	MANUFACTURER	STYLE NAME / NUMBER	COLOR NAME / NUMBER	FINISH / REMARKS
ACT-1	24" X 48" ACOUSTICAL CEILING TILE	ARMSTRONG	CALLA SQUARE REGULAR	WHITE (WH)	
GWB-1	GWB CEILING PAINT	SHERWIN WILLIAMS		PURE WHITE SW7005	FLAT
TEC-1	PAINT EXIST. TECTUM, JOISTS AND DUCTS	TBD	TBD	TBD	
WALL					
IPNT-1	GWB WALL PAINT	SHERWIN WILLIAMS	-	TBD	EGGSHELL
IPNT-2	GWB WALL PAINT - RESTROOMS	SHERWIN WILLIAMS	-	TBD	EGGSHELL
IPNT-3	CMU WALL PAINT	SHERWIN WILLIAMS	-	TBD	SEMIGLOSS
IPNT-4	CMU WALL PAINT - ACCENT	SHERWIN WILLIAMS	-	TBD	SEMIGLOSS
IPNT-5	WALL PAINT - HM DOOR	SHERWIN WILLIAMS	-	TBD	SEMIGLOSS
IFRP-1	FIBER REINFORCED PANELS	TBD	TBD	TBD	
IFRP-2	4'X4' NOMINAL PANEL FIBER REINFORCED PANELS, DECORATIVE	MARLITE	FRP CLASS A WALL PANEL	TBD	TEXTURE: PEBBLED / 4'-0" WAINSCOTING HEIGHT
WALL BASE					
IRB-1	4" RUBBER BASE COVE	ROPPE	PINNACLE	TBD	
IRB-2	4" RUBBER BASE - STRAIGHT	ROPPE	PINNACLE	TBD	
TB-1	6" TILE BASE	DALTILE	PORTFOLIO	DOVE GRAY	
FLOOR					
ICPT-1	CARPET TILES	MOHAWK	INTROSPECTIVE THOUGHTS GT344	COLLINS 979	
ICPT-2	CARPET TILES	MOHAWK	INTROSPECTIVE THOUGHTS GT344	CHARLOTTE 939	
ICPT-3	CARPET WALK-OFF MAT	MANNINGTON	INERTIA	FLUID 32367	
ILVT-1	LUXURY VINYL TILES	INTERFACE	NATURAL WOODGRAINS	WASHED MAPLE A00211	
IVCT-1	VINYL COMPOSITE TILE	ARMSTRONG	MATCH EXISTING	MATCH EXISTING	
IFT-1	12"x12" FLOOR TILE	DALTILE	PORTFOLIO	DOVE GRAY	
MISC					
SS-1	SOLID SURFACE	WILSONART	TBD	-	
PL-1	PLASTIC LAMINATE	WILSONART	LANDMARK WOOD 7981K-12	-	
TS-1	TRANSITION STRIP	JOHNSONITE	SLIM LINE TRANSITION	TBD	
TS-2	TRANSITION STRIP	JOHNSONITE	SLIM LINE TRANSITION	TBD	
TPRT-1	TOILET PARTITION	BRADLEY	PHENOLIC	SMOKE QUARSTONE 6220	

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Project

COVENTRY DEPT. OF PUBLIC WORKS
COVENTRY TOWN HALL ANNEX



1675 FLAT RIVER ROAD
COVENTRY, RI 02816

Drawing Status
FOR CONSTRUCTION

Issued On 08/02/2024

Sheet Contents
FINISH SCHEDULE

Project Number. 6834

Drawing No. A900

Sheet of

MARK	ROOM	DOOR AND FRAME SCHEDULE										FIRE RATING	HARDWARE	REMARKS			
		DOOR			FRAME			DETAIL									
		WIDTH	HEIGHT	DEPTH	TYPE	MATL	DEPTH	TYPE	MATL	HEAD	JAMB				SILL		
LEVEL 1																	
100.1	CORR.	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	1			
100.2	CORR.	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	7			
101.1	RECEPTION	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	7			
102.1	WAITING / RESOURCE RM.	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	7			
102.2	RECEPTION	3'-0"	7'-0"	0'-1 3/4"	XTR	-	-	XTR	-	-	-	-	-	8	Replace Exist. Door Hardware w/ADA lever set		
103.1	PROJ. FRIENDS OFFICE 2	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13D/A920	45 MIN.	1			
103.2	WAITING / RESOURCE RM.	3'-0"	7'-0"	0'-1 3/4"	XTR	-	-	XTR	-	-	-	-	-	8	Replace Exist. Door Hardware: Office Function with Cylindrical Lock Set		
104.1	PROJ. FRIENDS CONF.	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13D/A920	45 MIN.	7			
104.2	PROJ. FRIENDS OFFICE 1	3'-0"	7'-0"	0'-1 3/4"	XTR	-	-	XTR	-	-	-	-	-	8	Replace Exist. Door Hardware w/ADA lever set		
105.1	PROJ. FRIENDS MULTI-PURPOSE ROOM	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	5			
105.2	PROJ. FRIENDS CONF.	3'-0"	7'-0"	0'-1 3/4"	XTR	-	-	XTR	-	-	-	-	-	8	Replace Exist. Door Hardware w/ADA lever set		
105.3	PROJ. FRIENDS MULTI-PURPOSE ROOM	3'-0"	7'-0"	0'-1 3/4"	XTR	-	-	XTR	-	-	-	-	-	8	Replace Exist. Door Hardware w/ADA lever set		
106.1	PROJ. FRIENDS COMP. LAB	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	7			
107.1	CAREER EXPLORATION CNTR.	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	7			
107.2	PROJ. FRIENDS COMP. LAB	3'-8"	7'-0"	0'-1 3/4"	XTR	-	-	XTR	-	-	-	-	-	8	Replace Exist. Door Hardware w/ADA lever set		
107.3	SUPPORTED EMPLOYMENT MULTIPURPOSE RM.	3'-8"	7'-0"	0'-1 3/4"	XTR	-	-	XTR	-	-	-	-	-	8	Replace Exist. Door Hardware w/ADA lever set		
108.1	SUPPORTED EMPLOYMENT MULTIPURPOSE RM.	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	5			
108.2	COMPUTER RESOURCE LAB	3'-0"	7'-0"	0'-1 3/4"	XTR	-	-	XTR	-	-	-	-	-	8	Replace Exist. Door Hardware w/ADA lever set		
109.1	COMPUTER RESOURCE LAB	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	7			
109.2	COFFEE SHOP	3'-0"	7'-0"	0'-1 3/4"	XTR	-	-	XTR	-	-	-	-	-	8	Replace Exist. Door Hardware w/ADA lever set		
110.1	COFFEE SHOP	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	5			
110.2	COFFEE SHOP	3'-0"	7'-0"	0'-1 3/4"	MD-1	MDL	-	MD-1	MDL	-	-	-	-	10	Exterior Thermally Insulated Door		
110.2	PARENT RESOURCE	3'-0"	7'-0"	0'-1 3/4"	XTR	-	-	XTR	-	-	-	-	-	8	Replace Exist. Door Hardware w/ADA lever set		
111.1	PARENT RESOURCE	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13D/A920	45 MIN.	7			
111.2	PARENT RESOURCE	3'-0"	7'-0"	0'-1 3/4"	XTR	-	-	XTR	-	-	-	-	-	8	Replace Exist. Door Hardware w/ADA lever set		
112	COMMUNITY ACTION CNTR.	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13D/A920	45 MIN.	7			
113.1	STOR.	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	2			
114.1	STOR.	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	2			
115.1	STOR.	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	2			
116.1	STOR.	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	2			
117.1	MEN	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13F/A920	45 MIN.	3			
117A	JC	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	2			
118	WOMEN	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13F/A920	45 MIN.	3			
118A	STORAGE	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	2			
119	SHOWER 2	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	8"	HM-2	MTL.	3/A920	9/A920	13A/A920	45 MIN.	4			
120	SHOWER 1	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	8"	HM-2	MTL.	3/A920	9/A920	13A/A920	45 MIN.	4			
121	LAUNDRY	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13F/A920	45 MIN.	2			
122	STOR.	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	8"	HM-2	MTL.	3/A920	9/A920	13A/A920	45 MIN.	2			
123	STOR.	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	2			
124.1	STORAGE	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	8"	HM-2	MTL.	3/A920	9/A920	13A/A920	45 MIN.	2			
124.2	STORAGE	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	2			
125.1	LIBRARY ANNEX LAB	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	8"	HM-2	MTL.	3/A920	9/A920	13A/A920	45 MIN.	2			
125.2	LIBRARY ANNEX LAB	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	1			
126.1	STUDY/ INSTRUCTIONAL SPACE	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13D/A920	45 MIN.	5			
126.2	STUDY/ INSTRUCTIONAL SPACE	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13D/A920	45 MIN.	5			
127.1	LIBRARY ANNEX OFFICES	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13D/A920	45 MIN.	5			
127.2	LIBRARY ANNEX OFFICES	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	8"	HM-2	MTL.	3/A920	9/A920	13D/A920	45 MIN.	5			
128.1	WOMEN	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	8"	HM-2	MTL.	3/A920	9/A920	13F/A920	45 MIN.	3			
128.1	CORR.	6'-0"	7'-0"	0'-1 3/4"	SF-1	ALUM.	4 1/2"	F	ALUM.					11	Exterior Thermally Broken Door		
128.2	CORR.	6'-0"	7'-0"	0'-1 3/4"	WD-1	WD	8"	HM-3	MTL.					45 MIN.	9		
129.1	MEN	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	8"	HM-2	MTL.	3/A920	9/A920	13F/A920	45 MIN.	3			
136B	CORR.	6'-0"	7'-0"	0'-1 3/4"	SF-1	ALUM.	4 1/2"	F	ALUM.					11	Exterior Thermally Broken Door		
140.2	CHECK-IN	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	2			
141	EXAM 1	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	8"	HM-2	MTL.	3/A920	9/A920	13F/A920	45 MIN.	1			
142	EXAM 2	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	8"	HM-2	MTL.	3/A920	9/A920	13F/A920	45 MIN.	1			
157	ADA RESTROOM 1	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	8"	HM-2	MTL.	3/A920	9/A920	13F/A920	45 MIN.	4			
159	ADA RESTROOM 2	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	8"	HM-2	MTL.	3/A920	9/A920	13F/A920	45 MIN.	4			
160	ADA RESTROOM 3	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	8"	HM-2	MTL.	3/A920	9/A920	13F/A920	45 MIN.	4			
167A	CORR.	3'-0"	7'-0"	0'-1 3/4"	SF-2	ALUM.	4 1/2"	E	ALUM.					10	Exterior Thermally Broken Door		
167B	CORR.	3'-0"	7'-0"	0'-1 3/4"	SF-2	ALUM.	4 1/2"	E	ALUM.					10	Exterior Thermally Broken Door		
167C	CORR.	3'-0"	7'-0"	0'-1 3/4"	SF-2	ALUM.	4 1/2"	E	ALUM.					10	Exterior Thermally Broken Door		
168A	CORR.	3'-0"	7'-0"	0'-1 3/4"	SF-2	ALUM.	4 1/2"	E	ALUM.					10	Exterior Thermally Broken Door		
168B	CORR.	3'-0"	7'-0"	0'-1 3/4"	SF-2	ALUM.	4 1/2"	E	ALUM.					10	Exterior Thermally Broken Door		
168C	CORR.	3'-0"	7'-0"	0'-1 3/4"	SF-2	ALUM.	4 1/2"	E	ALUM.					10	Exterior Thermally Broken Door		
168J	HALL	3'-0"	7'-0"	0'-1 3/4"	WD-1	WD	5 7/8"	HM-1	MTL.	1/A920	7/A920	13A/A920	45 MIN.	3			
180.0	VESTIBULE	6'-0"	7'-0"	0'-1 3/4"	SF-1	ALUM.	4 1/2"	F	ALUM.					11	Double Exterior Thermally Broken Door		
180.1	VESTIBULE	6'-0"	7'-0"	0'-1 3/4"	SF-1	ALUM.	4 1/2"	C	ALUM.					6			
180.2	CORR.	6'-0"	7'-0"	0'-1 3/4"	MD-1	MDL	4 1/2"	HM-1	MTL.					11	Double Exterior Thermally Broken Door		

DOOR HARDWARE

- HW SET #1 - OFFICE/CORRIDOR**
 (3) 4 1/2" BUTT HINGES
 (1) OFFICE FUNCTION CYLINDRICAL LEVER SET
 (1) SURFACE CLOSER
 (1) DOOR STOP - WALL MOUNTED
 (3) SILENCERS
 (1) ADA ROOM SIGNAGE
- HW SET #2 - STORAGE**
 (3) 4 1/2" BUTT HINGES
 (1) STORAGE FUNCTION CYLINDRICAL LEVER SET
 (1) SURFACE MOUNTED CLOSER
 (1) DOOR STOP - WALL MOUNTED
 (3) SILENCERS
 (1) ADA ROOM SIGNAGE
- HW SET #3 - PUBLIC BATHROOM**
 (3) 4 1/2" BUTT HINGES
 (1) PUSH PLATE/PULL HANDLE
 (1) SURFACE MOUNTED CLOSER
 (1) DOOR STOP - WALL MOUNTED
 (3) SILENCERS
 (1) ADA COMPLIANT THRESHOLD
 (1) ADA ROOM SIGNAGE
- HW SET #4 - PRIVACY**
 (3) 4 1/2" BUTT HINGES
 (1) PRIVACY FUNCTION CYLINDRICAL LEVER SET
 (1) SURFACE MOUNTED CLOSER
 (1) DOOR STOP - WALL MOUNTED
 (3) SILENCERS
 (1) ADA ROOM SIGNAGE
- HW SET #5 - CLASSROOM EGRESS**
 (3) 4 1/2" BUTT HINGES
 (1) CLASSROOM FUNCTION CYLINDRICAL LEVER HANDLE LOCK SET
 (1) SURFACE MOUNTED CLOSER
 (1) DOOR STOP - WALL MOUNTED
 (3) SILENCERS
 (1) ADA ROOM SIGNAGE
- HW SET #6 - DOUBLE PASSAGE**
 (6) 4 1/2" BUTT HINGES
 (1) VERTICAL ROD PANIC BAR WITH PASSAGE
 (1) FUNCTION LEVER TRIM
 (2) DUST PROOF STRIKE
 (2) SURFACE MOUNTED CLOSER
 (2) SURFACE MOUNTED OVERHEAD DOOR STOP
 (4) SILENCERS
 (1) FRAME WIRING HARNESS
 (1) DOOR WIRING HARNESS
 (1) ELECTRIC STRIKE POWER TRANSFER
 (1) POWER SUPPLY
- HW SET #7 - CLASSROOM**
 (3) 4 1/2" BUTT HINGES
 (1) CLASSROOM FUNCTION CYLINDRICAL LEVER SET
 (1) SURFACE MOUNTED CLOSER
 (1) WALL MOUNTED DOOR STOP
 (3) SILENCERS
 (1) ADA ROOM SIGNAGE
- HW SET #8 - EXISTING DOOR**
 (1) OFFICE FUNCTION CYLINDRICAL LEVER SET
 ALL OTHER EXISTING HARDWARE TO REMAIN
- HW SET #9 - DOUBLE EGRESS / PASSAGE**
 (6) 4 1/2" BUTT HINGES
 (2) FIRE RATED VERTICAL ROD PANIC BAR WITH PASSAGE
 (2) FUNCTION LEVER TRIM
 (2) DUST PROOF STRIKE
 (2) SURFACE MOUNTED CLOSER
 (4) SILENCERS
 (2) KICKPLATES
 (2) ELECTROMAGNETIC HOLD OPEN(S)
- HW SET #10 - SINGLE EXTERIOR ENTRANCE**
 (3) 4 1/2" NRP BUTT HINGES
 (1) RIM MOUNTED EXIT DEVICE WITH ENTRY FUNCTION LEVER TRIM
 (1) SURFACE MOUNTED CLOSER
 (1) SURFACE MOUNTED OVERHEAD DOOR STOP
 (1) PERIMETER WEATHER SEAL
 (1) THERMALLY BROKEN THRESHOLD
 (1) FRAME WIRING HARNESS
 (1) DOOR WIRING HARNESS
 (1) ELECTRIC STRIKE POWER TRANSFER
 (1) POWER SUPPLY
- HW SET #11 - DOUBLE EXTERIOR ENTRANCE**
 (8) 4 1/2" NRP BUTT HINGES
 (2) VERTICAL ROD PANIC EXIT DEVICE WITH ENTRY FUNCTION LEVER TRIM
 (2) DUST PROOF STRIKE
 (2) SURFACE MOUNTED CLOSER
 (2) SURFACE MOUNTED OVERHEAD DOOR STOP
 (2) PERIMETER WEATHER SEAL
 (1) THERMALLY BROKEN THRESHOLD
 (1) FRAME WIRING HARNESS
 (1) DOOR W

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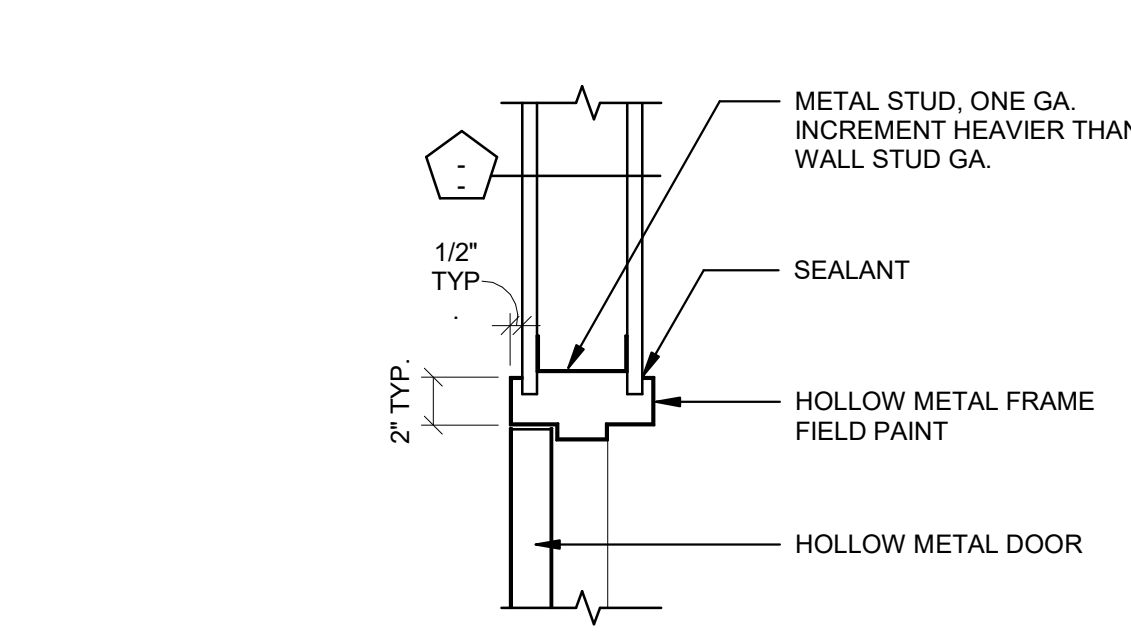
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Certification

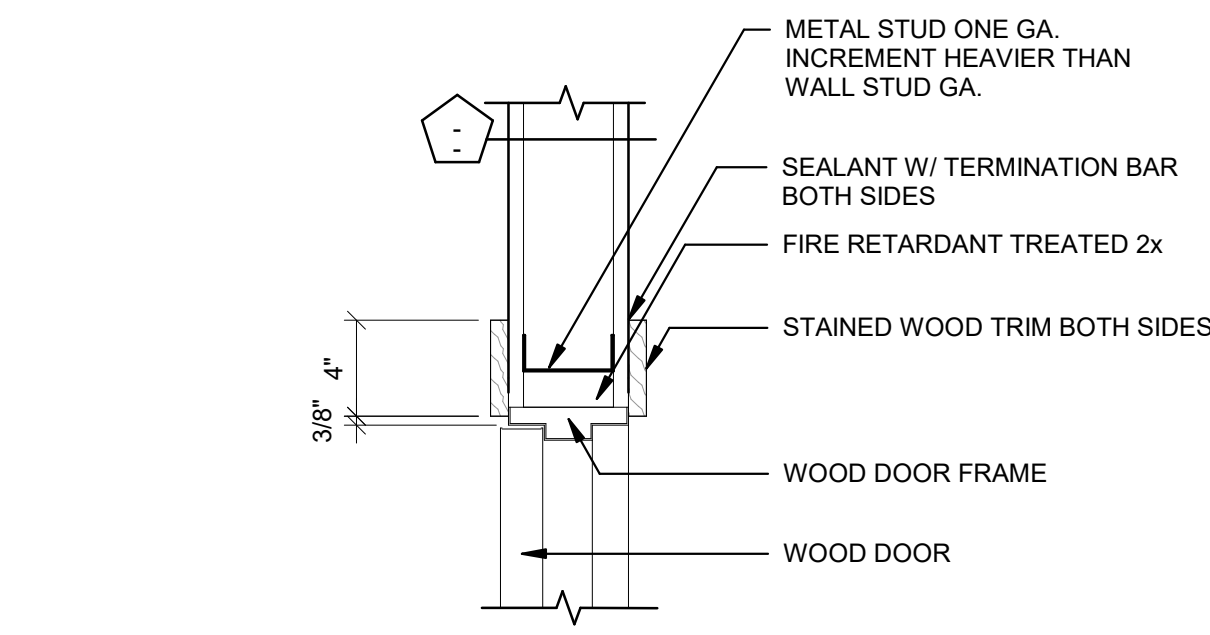
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Checked by JCI

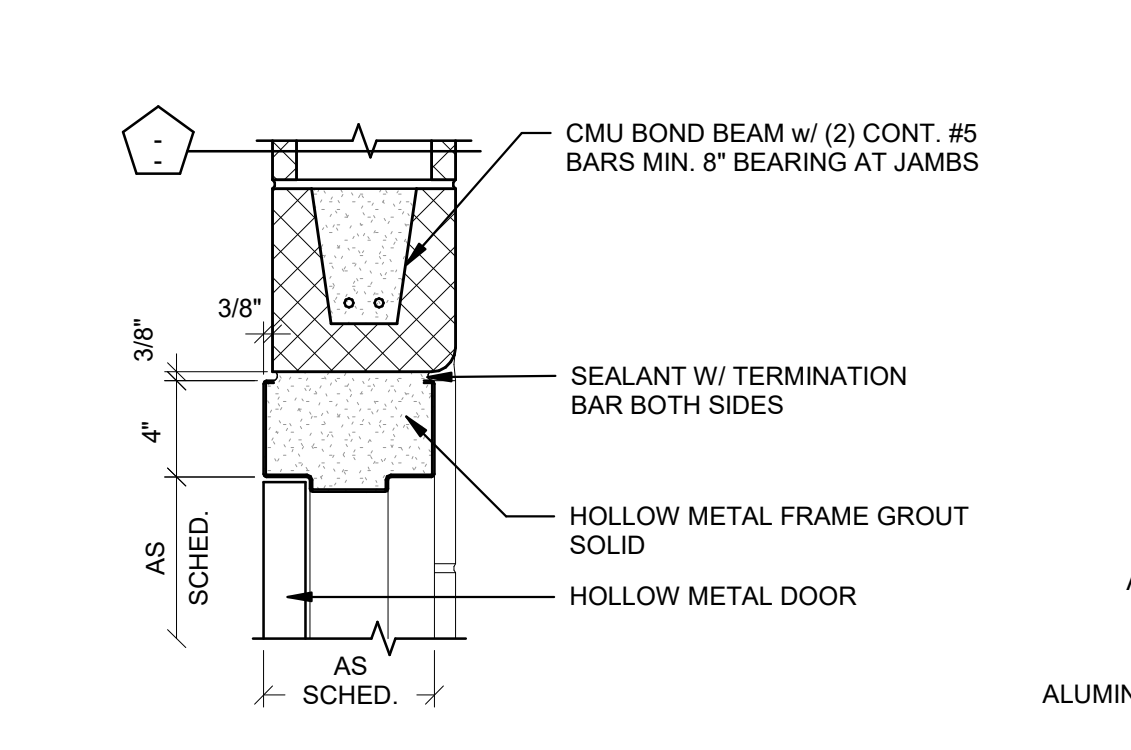
Revised on



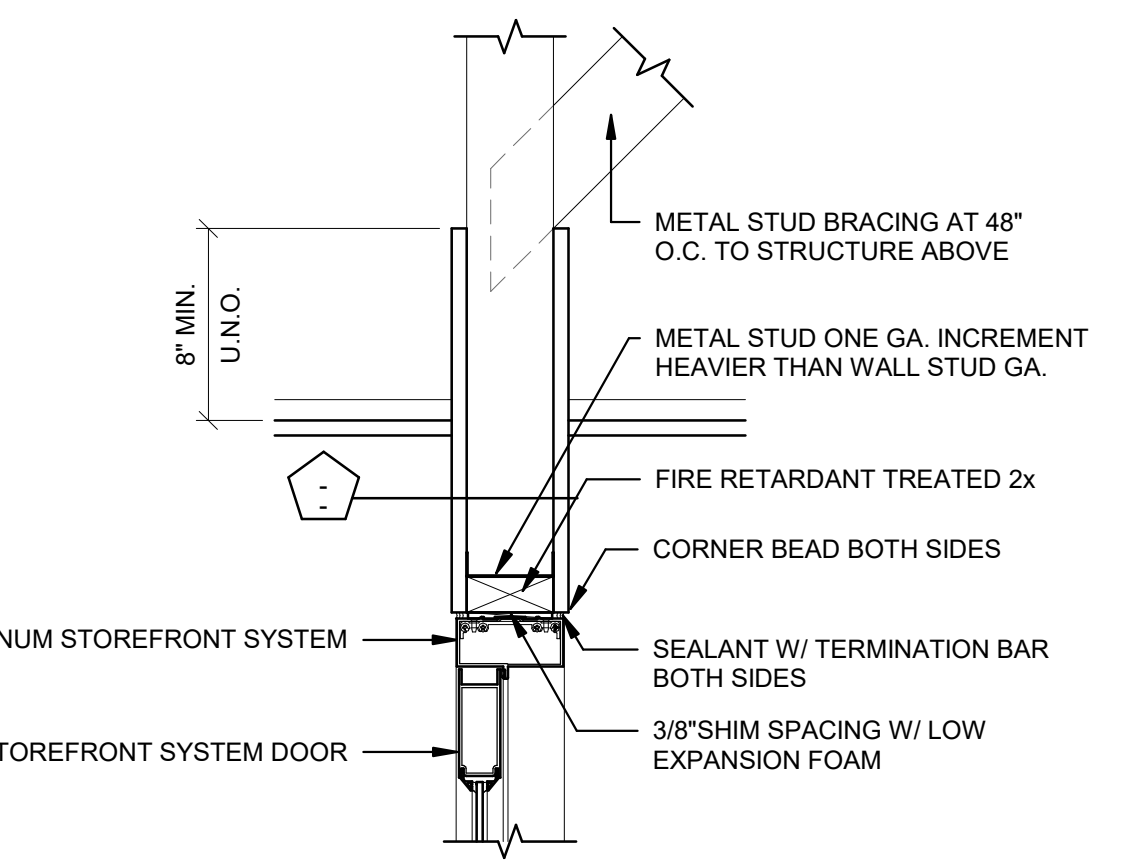
1 TYP. HM HEAD AT STUD (SECTION DETAIL)
Scale: 1 1/2" = 1'-0"



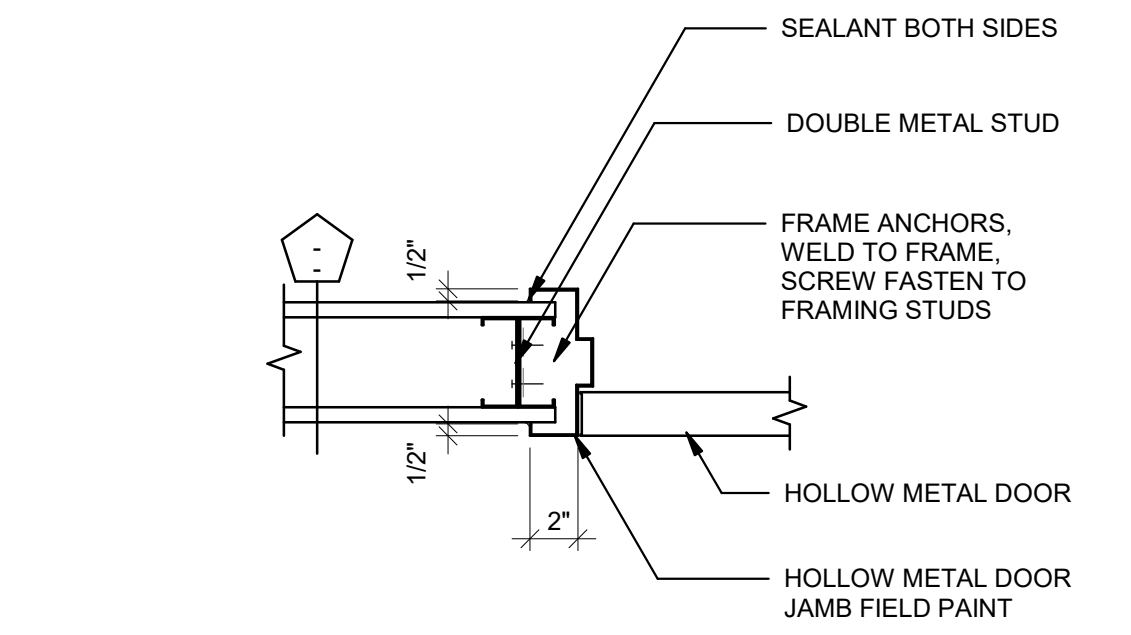
2 TYP. WD HEAD AT STUD (SECTION DETAIL)
Scale: 1 1/2" = 1'-0"



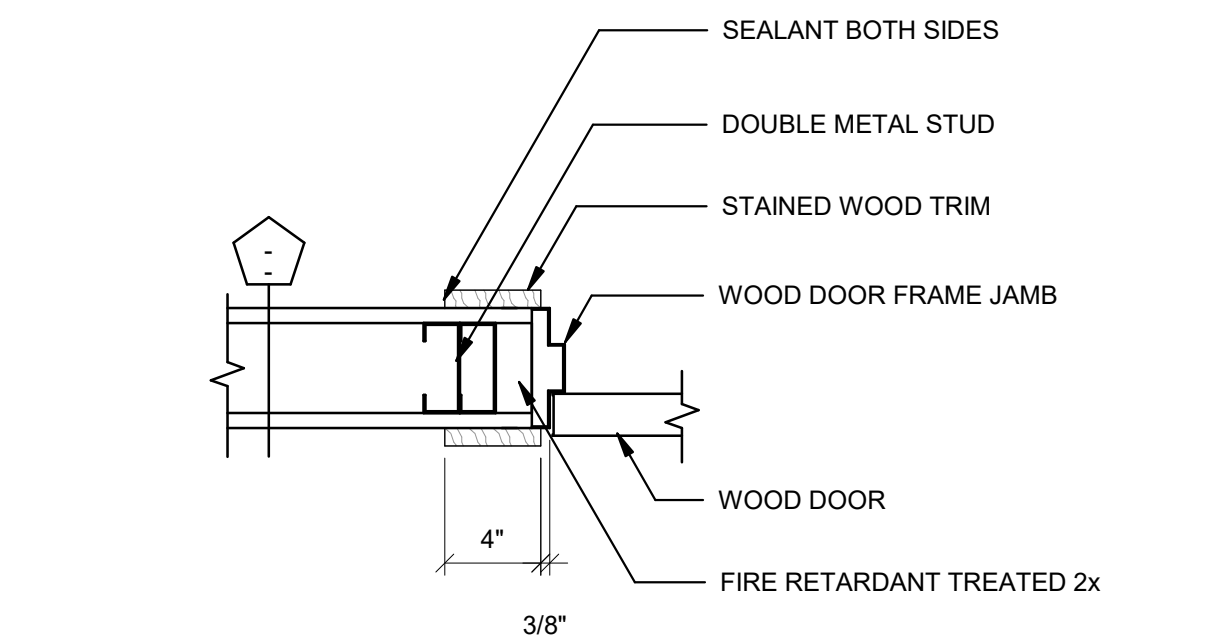
3 TYP. HM HEAD AT CMU (SECTION DETAIL)
Scale: 1 1/2" = 1'-0"



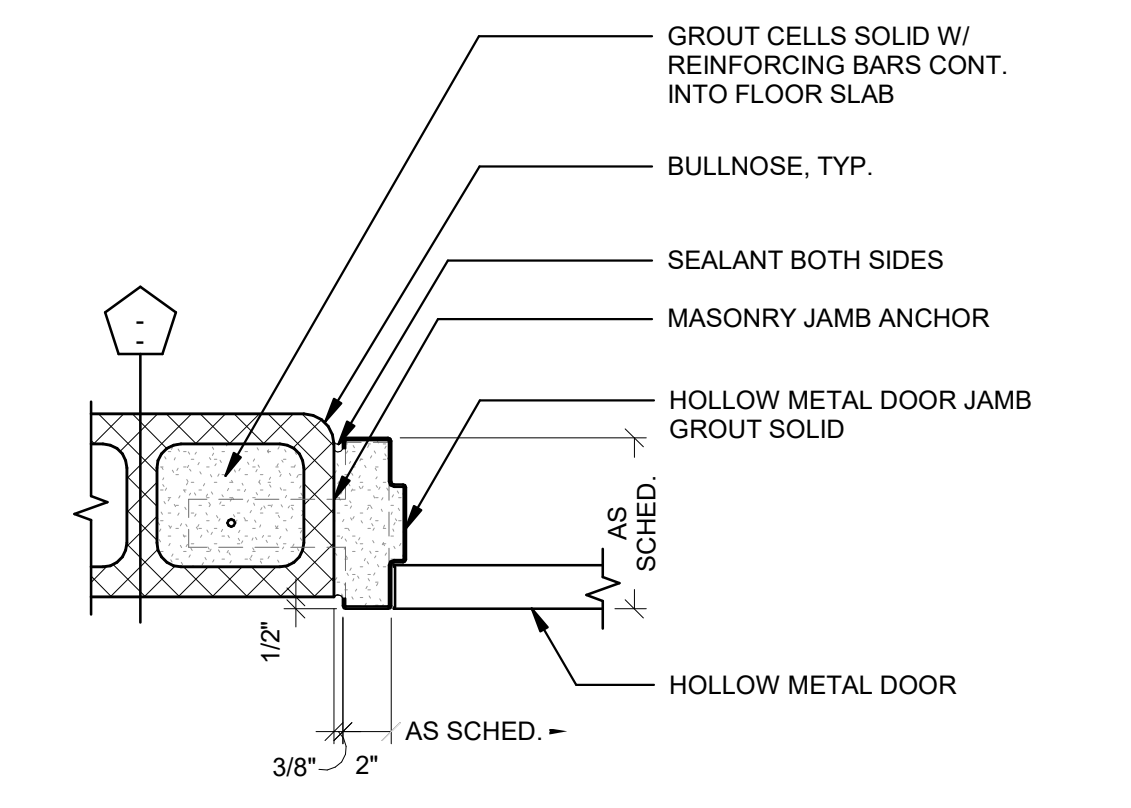
4 TYP. ALUM HEAD AT STUD (SECTION DETAIL)
Scale: 1 1/2" = 1'-0"



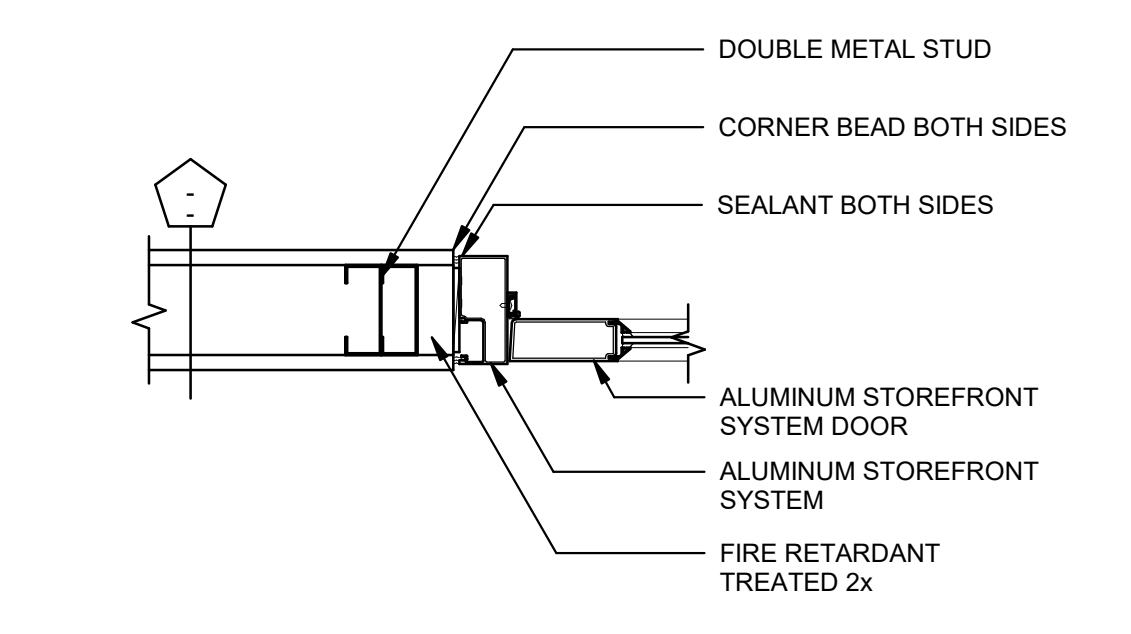
5 TYP. HM JAMB AT STUD (PLAN DETAIL)
Scale: 1 1/2" = 1'-0"



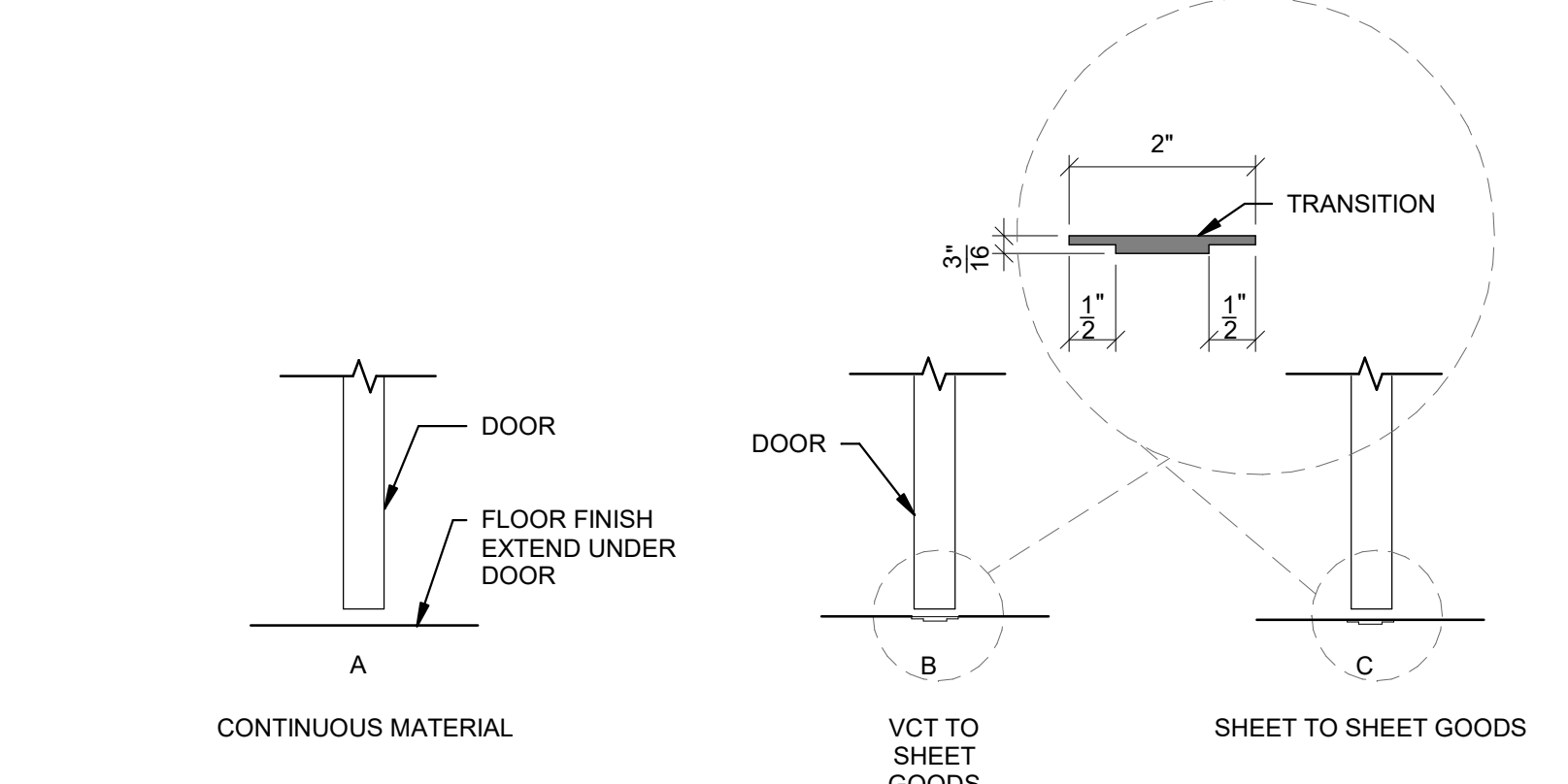
6 TYP. WD JAMB AT STUD (PLAN DETAIL)
Scale: 1 1/2" = 1'-0"



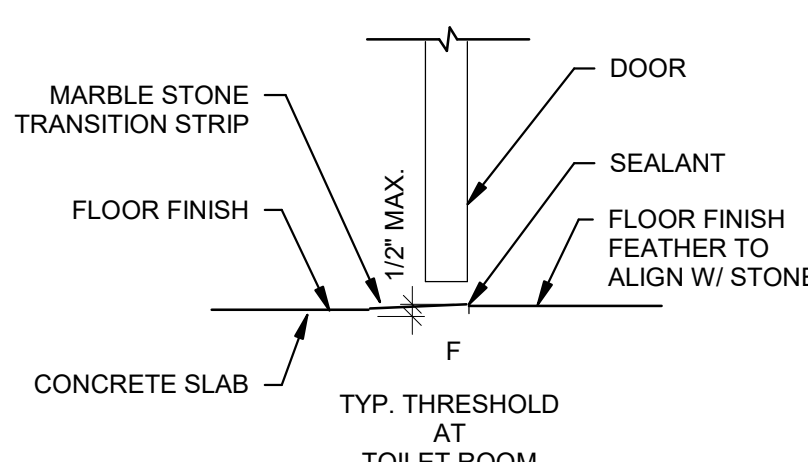
7 TYP. HM JAMB AT CMU (PLAN DETAIL)
Scale: 1 1/2" = 1'-0"



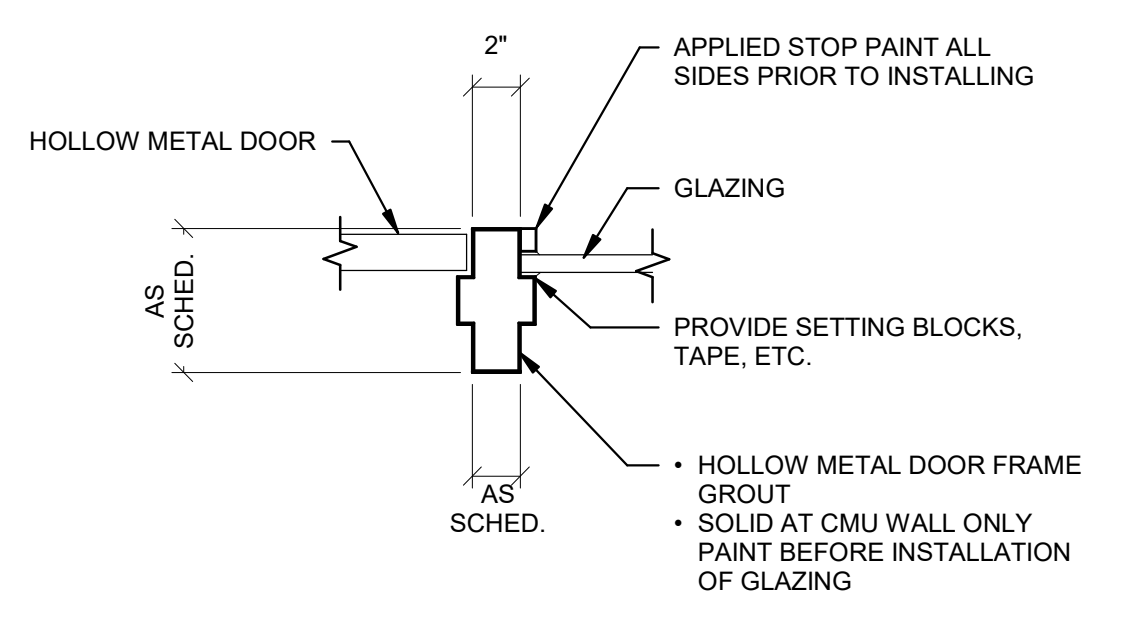
8 TYP. ALUM JAMB AT STUD (PLAN DETAIL)
Scale: 1 1/2" = 1'-0"



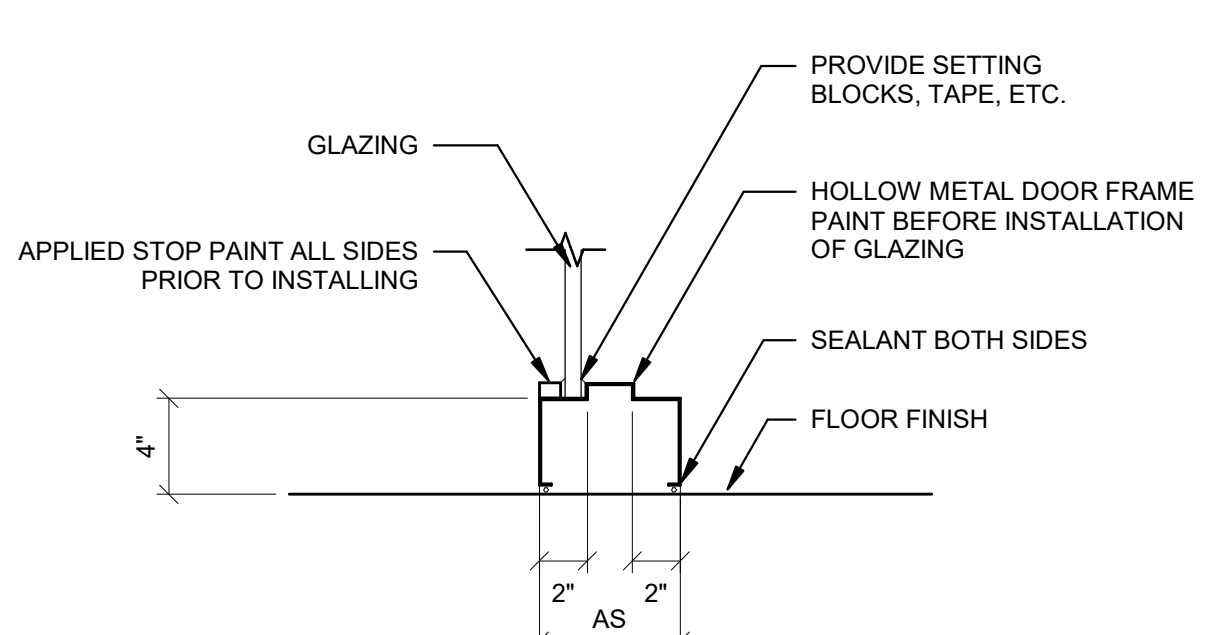
9 TYP. INTERIOR DOOR SILLS (SECTION DETAILS)
Scale: 1 1/2" = 1'-0"



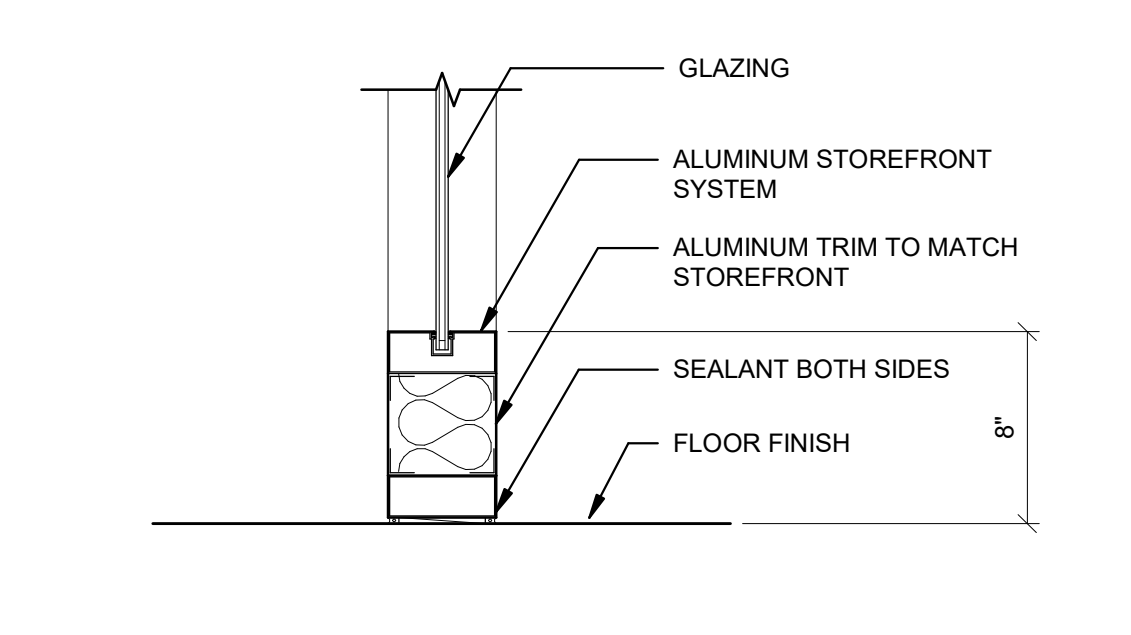
10 HM DOOR MULL (PLAN DETAIL)
Scale: 1 1/2" = 1'-0"



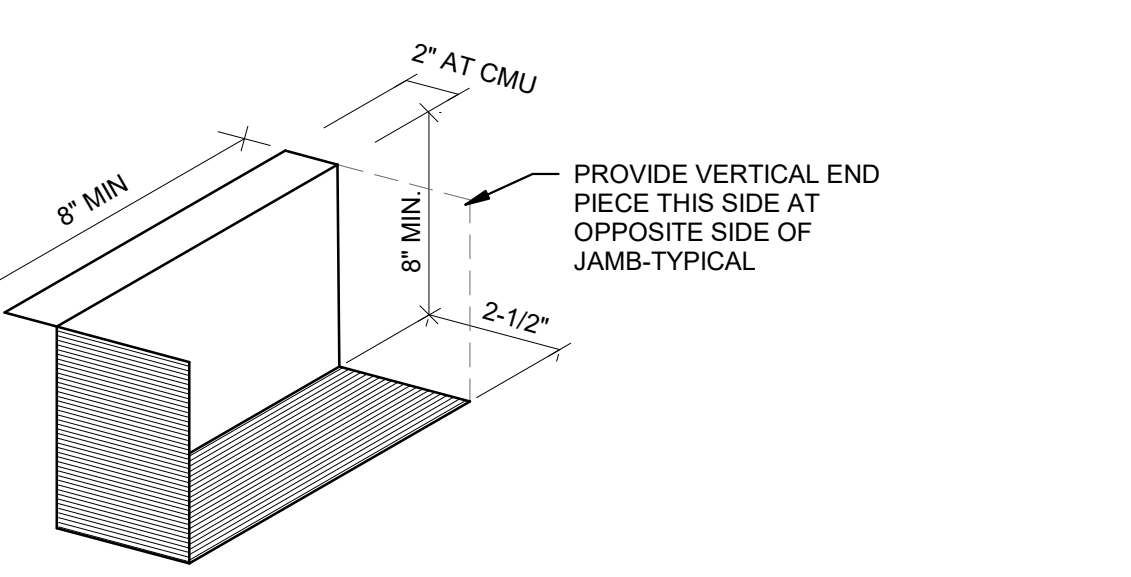
11 HM MULL AT SIDELIGHT (PLAN DETAIL)
Scale: 1 1/2" = 1'-0"



12 HM SIDELIGHT SILL (SECTION DETAIL)
Scale: 1 1/2" = 1'-0"



13 BUILT-UP ALUM SILL (SECTION DETAIL)
Scale: 1 1/2" = 1'-0"



14 TYP. PAN FLASHING (AXON DETAIL)
Scale: 1 1/2" = 1'-0"

NOTES:
1. LAP FABRIC FLASHING OVER BY 6" - PROVIDE 2" WIDE MINIMUM MASTIC BED ON PAN & SEAL FABRIC TO PAN.
2. PROVIDE FLASHING PAN AT ALL EXTERIOR DOOR JAMBS AND OTHER LOCATIONS NOTED ON DWGS.

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Project

COVENTRY DEPT. OF PUBLIC WORKS
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1675 FLAT RIVER ROAD
COVENTRY, RI 02816

FOR CONSTRUCTION

Issued On 08/02/2024

Sheet Contents
DOOR DETAILS

Project Number. 6834

Drawing No. A920

Sheet of

PLUMBING LEGEND	
SYMBOL	DESCRIPTION
---	ANNOTATION TEXTS
---	PLUMBING DEMOLITION
---	PLUMBING EQUIPMENT
---	PLUMBING EXISTING
---	PLUMBING DOMESTIC COLD WATER
---	PLUMBING DOMESTIC HOT WATER
---	PLUMBING DOMESTIC HOT WATER RETURN
---	PLUMBING NATURAL GAS
---	PLUMBING SANITARY DRAINAGE
---	PLUMBING SANITARY DRAINAGE UNDER SLAB
---	PLUMBING SANITARY VENT
---	PLUMBING STORM DRAINAGE
---	PLUMBING SECONDARY STORM DRAINAGE
---	PLUMBING COMPRESSED AIR
---	PLUMBING CONDENSATE WASTE
---	PLUMBING FIXTURE DESIGNATION
---	PIPE CAP
---	PIPE CONTINUATION
---	BACKFLOW PREVENTER
---	BALL OR GATE SHUTOFF VALVE
---	FLOOR OR GROUND CLEANOUT
---	CHECK VALVE
---	FLOOR DRAIN - SEE SCHEDULE
---	FLOOR SINK
---	TRENCH DRAIN
---	ROOF DRAIN
---	CONNECT TO EXISTING
---	ACCESS PANEL
---	CLEANOUT (STRAIGHT OR ANGLED)

PLUMBING LEGEND	
SYMBOL	DESCRIPTION
---	TEE
---	PIPE UP AND / OR RISE
---	PIPE DROP / DOWN
---	HOSE BIBB OR PIPE STUB OUT
---	VACUUM BREAKER
---	MIXING VALVE
---	PRESSURE REDUCING VALVE
---	CIRCUIT SETTER w/ GAGE PORT
---	PUMP
---	WALL SLEEVE
---	FLOW RATE METER (IN GPM)
---	POWERED EQUIPMENT TAG
---	PIPE SLOPE
---	WATER HAMMER ARRESTOR
---	AIR ADMITTANCE VALVE
---	DETAIL CALLOUT
---	RISER TAG

ABBREVIATIONS			
ALL ABBREVIATIONS SHOWN ARE NOT NECESSARILY USED ON THIS PROJECT			
AFB	ABOVE FINISHED FLOOR	HZ	HERTZ
AFD	ABOVE FINISHED FLOOR	IW	INDIRECT WASTE
AD	ACCESS DOOR	IN	INCHES
AHU	AIR HANDLING UNIT	KW	KILOWATT
AP	ACCESS PANEL	LF	LINEAR FEET
ARCH	ARCHITECT	MAU	MAKE-UP AIR UNIT
BFP	BACKFLOW PREVENTER	MBH	THOUSANDS OF BTUS PER HOUR
BHP	BRAKE HORSEPOWER	MECH	MECHANICAL
BLDG	BUILDING	MX	MIXING VALVE
BTU	BRITISH THERMAL UNITS	NA	NOT APPLICABLE
BTUH	BTU PER HOUR	NC	NORMALLY CLOSED
CFM	CUBIT FEET PER MINUTE	NIC	NOT IN CONTRACT
CD	CLEANOUT	NO	NORMALLY OPEN
CO2	CARBON DIOXIDE	NTS	NOT TO SCALE
COP	CENTER OF PIPE	OD	OUTSIDE DIAMETER
CTE	CONNECT TO EXISTING	PC	PLUMBING CONTRACTOR
CV	CHECK VALVE	PLG	PLUMBING
CV	CHECK VALVE	PSI	POUNDS PER SQUARE INCH GA.
DCO	DANDY CLEANOUT	PRV	PRESSURE REDUCING VALVE
DIA	DIAMETER	R	RETURN
DN	DOWN	RE	REMOVE EXISTING
DWG	DRAWING	RPM	REVOLUTIONS PER MINUTE
DWE	DOMESTIC WATER	RTU	ROOF TOP UNIT
DWE	HEATER EXCHANGER	SC	SITE CONTRACTOR
E	EXISTING	SD	STORM DRAIN
EC	ELECTRICAL CONTRACTOR	SF	SQUARE FEET
EFF	EFFICIENCY	SO	SQUARE
ELEC	ELECTRICAL	SS	SANITARY SEWER
ELV	ELEVATION	S/S	STAINLESS STEEL
ET	EXPANSION TANK	STL	STEEL
"F	DEGREES FAHRENHEIT	SW	SOIL/WASTE PIPE ABOVE FLOOR SLAB
FCO	FLOOR CLEANOUT	T.B.D.	TO BE DEMOLISHED
FD	FLOOR DRAIN	T&P	TEMPERATURE AND PRESSURE RELIEF VALVE
FLA	FULL LOAD AMPS	TYP.	TYPICAL
FOS	FUEL OIL SUPPLY	UG	UNDER GROUND
FOR	FUEL OIL RETURN	UV	ULTRAVIOLET
FT	FEET	V	VENT PIPE ABOVE FLOOR SLAB
GAL	GALLONS	VB	VACUUM BREAKER
GALV	GALVANIZED	VFD	VARIABLE-FREQUENCY DRIVE
GC	GENERAL CONTRACTOR	VTR	VENT THROUGH ROOF
GCD	GRADE CLEANOUT	WI	WITH
GPF	GALLONS PER FLUSH	W&T	WASTE AND TRAP
GPM	GALLONS PER MINUTE	W/O	WITHOUT
HP	HORSEPOWER	WCO	WALL CLEANOUT
HP	HORSEPOWER	WHA	WATER HAMMER ARRESTOR
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING	WH	WATER HEATER
HW	HOT WATER	WMS	WIRE MESH SCREEN
		ZV	ZONE VALVE

- ### GENERAL NOTES
- SCOPE OF WORK SHALL INCLUDE ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, TRANSPORTATION, HOISTING, RIGGING, INSURANCE, ETC., TO PERFORM THE WORK AS INDICATED ON THE DRAWINGS AND HEREIN SPECIFIED FOR A COMPLETE INSTALLATION. ALL WORK SHALL BE IN ACCORDANCE WITH NATIONAL, STATE AND LOCAL CODES AND ORDINANCES HAVING JURISDICTION, AS INTERPRETED BY THE ARCHITECT/ENGINEER.
 - PLUMBING EQUIPMENT AND SUCH OTHER APPARATUS AS MAY REQUIRE MAINTENANCE AND OPERATION FROM TIME TO TIME SHALL BE MADE EASILY ACCESSIBLE. ALTHOUGH THE EQUIPMENT MAY BE SHOWN ON THE DRAWINGS IN CERTAIN LOCATIONS, THE CONSTRUCTION MAY DISCLOSE THAT SUCH LOCATIONS DO NOT MAKE ITS POSITION READILY ACCESSIBLE. IN SUCH CASES, THE OWNER OR HIS REPRESENTATIVE SHALL BE NOTIFIED BEFORE ADVANCING THE CONSTRUCTION TO A STAGE WHERE A CHANGE WILL REFLECT ADDITIONAL EXPENSE.
 - THE DRAWINGS SHOW THE LAYOUT OF THE PLUMBING SYSTEMS AND INDICATE THE APPROXIMATE LOCATIONS OF PIPING, BRANCHES AND ELBOWS. THE RUNS AND QUANTITY OF PIPING, OFFSETS AND ELBOWS AS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC ONLY. THE EXACT ROUTING OF QUANTITY PIPING, OFFSETS AND ELBOWS SHALL BE DETERMINED BY THE STRUCTURAL CONDITIONS, POSSIBLE OBSTRUCTIONS AND COORDINATION DRAWINGS. THIS SHALL NOT BE CONSTRUED TO MEAN THAT THE DESIGN OF THE SYSTEMS MAY BE CHANGED, BUT REFERS ONLY TO EXACT ROUTING BETWEEN GIVEN POINTS.
 - IT SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO STUDY ALL DRAWINGS AND DETAILS SO THAT THE INSTALLATION OF ALL NEW WORK CAN BE FULLY COORDINATED. COORDINATE WITH ALL TRADES TO AVOID INTERFERENCE BETWEEN THE PLUMBING INSTALLATION AND THE SYSTEMS AND EQUIPMENT OF OTHER TRADES.
 - PLUMBING WORK IS INDICATED DIAGRAMMATICALLY. EXACT LOCATION OF ALL COMPONENTS ARE TO BE DETERMINED IN THE FIELD AND BY THE ACTUAL BUILDING CONDITIONS. EQUIPMENT OR PIPES INTERFERING WITH OTHER INSTALLATIONS SHALL BE RELOCATED AS REQUIRED AT NO ADDITIONAL COST.
 - PLUMBING CONTRACTOR SHALL COORDINATE ALL WALL, CEILING, FLOOR, ROOF AND BEAM PENETRATIONS WITH ARCHITECT AND STRUCTURAL ENGINEER.
 - PRODUCTS REQUIRED BY CONSTRUCTION BUT NOT SPECIFICALLY DESCRIBED HEREIN SHALL BE AS SELECTED BY THE CONTRACTOR SUBJECT TO THE APPROVAL OF THE A/E.
 - PROVIDE AND INSTALL ALL MATERIALS, LABOR, EQUIPMENT, AND ACCESSORIES FOR COMPLETE AND OPERABLE SYSTEMS AND AS REQUIRED BY THE EQUIPMENT MANUFACTURERS INSTALLATION INSTRUCTIONS AND AS INDICATED ON THE DRAWINGS.
 - INSTALLATION OF THE PLUMBING SYSTEM SHALL PERMIT ACCESSIBILITY FOR SERVICE AND/OR REPLACEMENT OF EQUIPMENT.
 - PROVIDE ACCESS PANELS FOR ALL CLEANOUTS, VALVES, ALL OTHER CONCEALED ACCESSORIES REQUIRING ACCESS SUCH AS CONTROL VALVES, PRESSURE REDUCERS, WATER HAMMER ARRESTORS, AND AT ALL OTHER LOCATIONS WHERE COMPONENTS ARE INSTALLED WITHIN TIGHT LOCATIONS REQUIRING MAINTENANCE OR ADJUSTING REGARDLESS OF WHETHER OR NOT AN ACCESS IS INDICATED ON THE FLOOR PLANS.
 - ALL MISCELLANEOUS STRUCTURAL SUPPORTS REQUIRED FOR PIPING EQUIPMENT INSTALLATION SHALL BE PROVIDED BY PLUMBING CONTRACTOR.
 - INSTALL ALL PIPING BELOW DUCTWORK UNLESS CLEARANCE CONDITION REQUIRES PIPING TO BE ABOVE.
 - WHERE PIPING PENETRATES ANY SMOKE AND/OR FIRE RATED PARTITIONS PROVIDE UL LISTED FIRE STOP ASSEMBLY TO MAINTAIN RATING OF ASSEMBLY. INSTALL FIRE STOPPING PER MANUFACTURER REQUIREMENTS. ALL FIRE STOPPING TO BE PROVIDED BY A UL CERTIFIED OR MANUFACTURER CERTIFIED FIRE STOPPING CONTRACTOR.
 - ALL CEILING MOUNTED EQUIPMENT SHALL BE INSTALLED IN SUCH A WAY THAT LIGHTS, PIPING, AND DUCTWORK DO NOT BLOCK ACCESS TO UNITS AND RELATED ACCESSORIES.
 - THE PLUMBING CONTRACTOR MUST COORDINATE THE COMPONENTS AND PROGRAMMING OF THEIR EQUIPMENT, VENDORS AND THEIR SUBCONTRACTORS. CONTROL SEQUENCES SHALL BE TESTED AND CORRECTED TO THE SATISFACTION OF THE OWNER AND ENGINEER.
 - NEW WATER, WASTE & VENT PIPING SHALL BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH LOCAL PLUMBING INSPECTORS REQUIREMENTS AND AS PER THE STATE PLUMBING CODE.
 - ALL PLUMBING FIXTURES SHALL BE LISTED AND APPROVED WITH THE APPROPRIATE AHJ.
 - DETAILS ARE PROVIDED TO AID IN UNDERSTANDING. THEY DO NOT NECESSARILY ILLUSTRATE THE ONLY METHODS OF ACHIEVING CODE COMPLIANCE AND ARE NOT SUBSTITUTES FOR PRODUCT INSTALLATION MANUALS. FURTHERMORE, DETAILS ARE SHOWN FOR TYPICAL CASES AND DO NOT ILLUSTRATE EXACT FIELD CONDITIONS UNLESS INDICATED OTHERWISE.

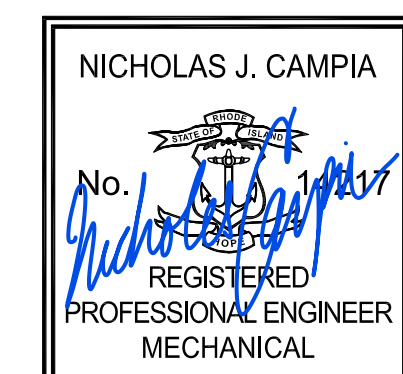
PLUMBING SHEET LIST	
P000	PLUMBING LEGEND & ABBREVIATIONS
P100	PLUMBING - DEMOLITION - FIRST FLOOR OVERALL
P101	PLUMBING - DEMOLITION - FIRST FLOOR PARTIAL PLAN 'A'
P102	PLUMBING - DEMOLITION - FIRST FLOOR PARTIAL PLAN 'B'
P200	PLUMBING WASTE & VENT - FIRST FLOOR OVERALL
P201	PLUMBING WASTE & VENT - FIRST FLOOR PARTIAL PLAN 'A'
P202	PLUMBING WASTE & VENT - FIRST FLOOR PARTIAL PLAN 'B'
P300	PLUMBING WATER & GAS - FIRST FLOOR OVERALL
P301	PLUMBING WATER & GAS - FIRST FLOOR PARTIAL PLAN 'A'
P302	PLUMBING WATER & GAS - FIRST FLOOR PARTIAL PLAN 'B'
P500	PLUMBING WASTE & VENT ISOMETRIC
P600	PLUMBING SCHEDULES
P800	PLUMBING SPECIFICATIONS

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Coventry Town Hall Annex



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Sheet Contents
PLUMBING LEGEND & ABBREVIATIONS

Project Number. 6834

Drawing No. **P000**

Sheet of

PLUMBING GENERAL SHEET NOTES

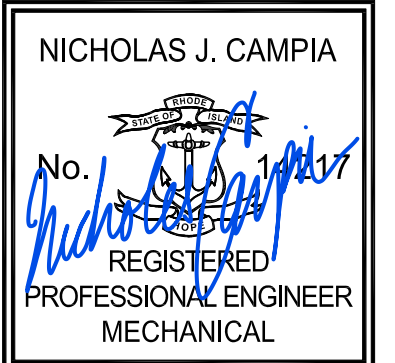
1. REFER TO PARTIAL PLANS FOR MORE INFORMATION.
2. EXISTING WATER SERVICE TO REMAIN.
3. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF PLUMBING FIXTURES.
4. THE FLOOR PLAN SHOULD BE PRINTED IN COLOR FOR ACCURACY AND LEGIBILITY.

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1 PLUMBING - DEMOLITION - FIRST FLOOR OVERALL
P100 1/16" = 1'-0"

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Sheet Contents
PLUMBING - DEMOLITION - FIRST FLOOR OVERALL

Project Number. 6834

Drawing No. **P100**

Sheet of

PLUMBING GENERAL SHEET NOTES

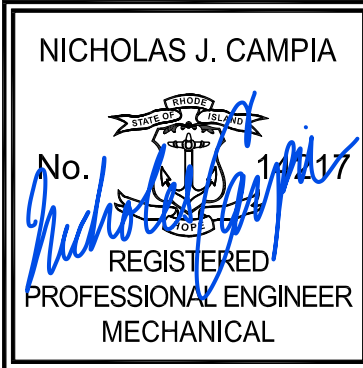
1. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF PLUMBING FIXTURES.
2. SELECTIVE DEMOLITION REQUIRED TO DETERMINE EXISTING ROUTING. CONTRACTOR TO PERFORM CAMERA SCOPING TO INVESTIGATE ROUTING AND QUALITY OF EXISTING PIPING.
3. CONTRACTOR TO MINIMIZE THE WORK REQUIRED TO PIPE AND DRAIN NEW PLUMBING THROUGH EXISTING OCCUPIED SPACES. CONTRACTOR TO COORDINATE WITH OWNER AND TENANT REP PRIOR TO PERFORMING ANY WORK.
4. NOTE THAT PLUMBING SERVICES SERVE OTHER AREAS, COORDINATE ANY SHUT-DOWNS WITH OWNER.
5. PLUMBING CONTRACTOR TO REROUTE EXISTING WASTE & VENT PIPING AS NEEDED TO ACCOMMODATE NEW MECHANICAL WORK.
6. PLUMBING CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR.
7. UNDER-SLAB LAYOUT SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ACTUAL LAYOUT BASED ON FIELD CONDITIONS AND SHALL COORDINATE WITH ALL DISCIPLINES.
8. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK.
9. CONTRACTOR TO SCOPE SANITARY PIPING UPON DEMOLITION OF PLUMBING FIXTURES.
10. DEMOLISHED EQUIPMENT IS NOT INTENDED FOR RE-USE.
11. STORM WATER PIPING AND DRAINS SHOULD BE INSPECTED AND REPLACED AS REQUIRED. STORM WATER PIPING SHOULD BE PITCHED DOWN IN THE DIRECTION OF FLOW.
12. THE FLOOR PLAN SHOULD BE PRINTED IN COLOR FOR ACCURACY AND LEGIBILITY.

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Sheet Contents
PLUMBING - DEMOLITION - FIRST FLOOR PARTIAL PLAN 'A'

Project Number. 6834

Drawing No. **P101**

Sheet of

PLUMBING GENERAL SHEET NOTES

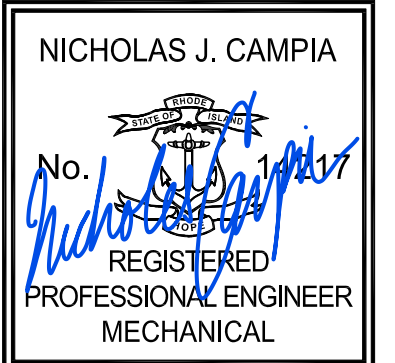
- 1 REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF PLUMBING FIXTURES.
- 3 SELECTIVE DEMOLITION REQUIRED TO DETERMINE EXISTING ROUTING. CONTRACTOR TO PERFORM CAMERA SCOPING TO INVESTIGATE ROUTING AND QUALITY OF EXISTING PIPING.
- 4 CONTRACTOR TO MINIMIZE THE WORK REQUIRED TO PIPE AND DRAIN NEW PLUMBING THROUGH EXISTING OCCUPIED SPACES. CONTRACTOR TO COORDINATE WITH OWNER AND TENANT REP PRIOR TO PERFORMING ANY WORK.
- 5 NOTE THAT PLUMBING SERVICES SERVE OTHER BUILDINGS, COORDINATE ANY SHUT-DOWNS WITH OWNER.
- 6 PLUMBING CONTRACTOR TO REROUTE EXISTING WASTE & VENT PIPING AS NEEDED TO ACCOMMODATE NEW MECHANICAL WORK.
- 7 PLUMBING CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR.
- 8 UNDER SLAB LAYOUT SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ACTUAL LAYOUT BASED ON FIELD CONDITIONS AND SHALL COORDINATE WITH ALL DISCIPLINES.
- 9 CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK.
- 10 DEMOLISHED EQUIPMENT IS NOT INTENDED FOR RE-USE.
- 11 STORM WATER PIPING AND DRAINS SHOULD BE INSPECTED AND REPLACED AS REQUIRED. STORM WATER PIPING SHOULD BE PITCHED DOWN IN THE DIRECTION OF FLOW.
- 12 THE FLOOR PLAN SHOULD BE PRINTED IN COLOR FOR ACCURACY AND LEGIBILITY.

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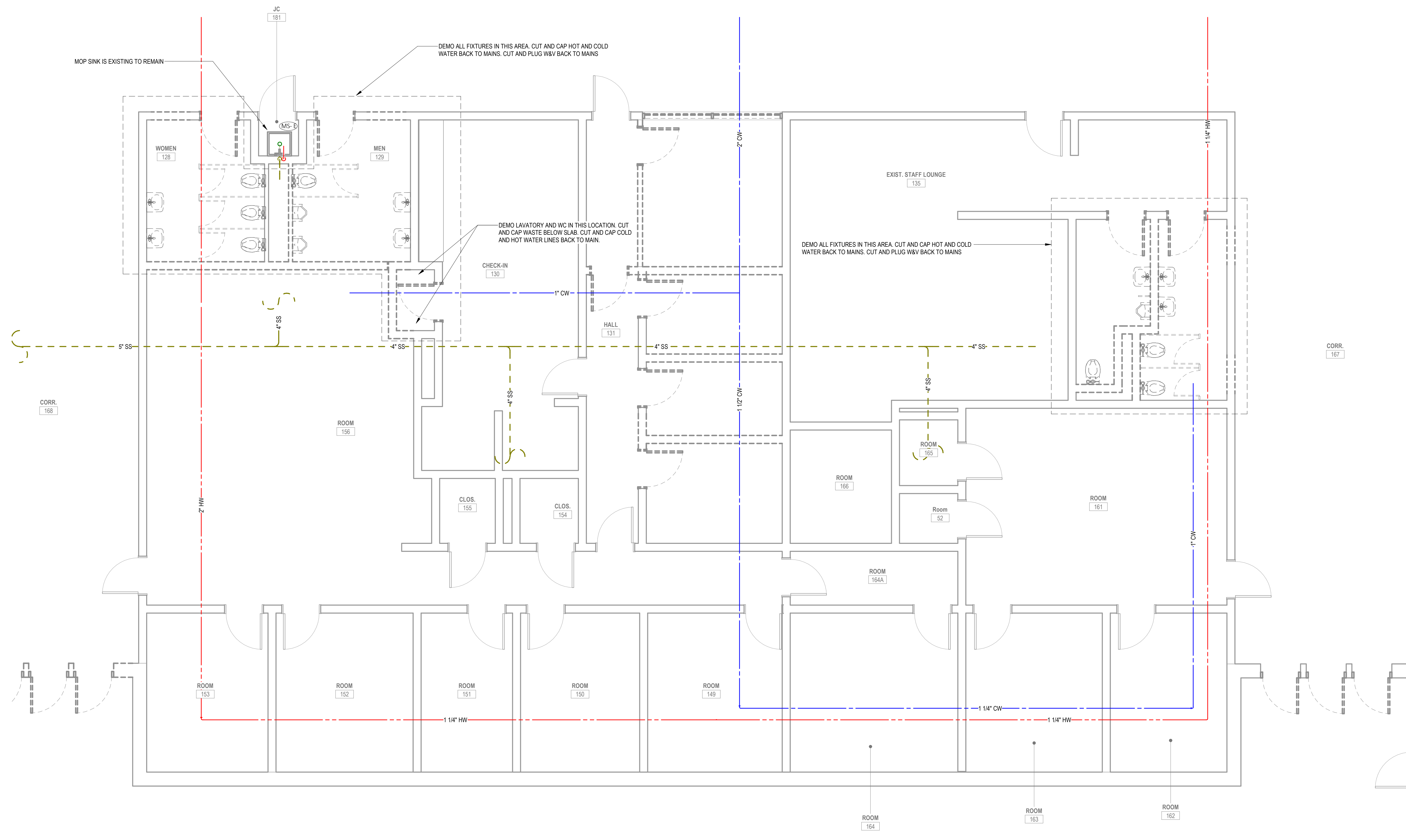
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1 PLUMBING - DEMOLITION - FIRST FLOOR PARTIAL PLAN 'B'
P102 1/4" = 1'-0"



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Sheet Contents
PLUMBING - DEMOLITION - FIRST FLOOR PARTIAL PLAN 'B'

Project Number. 6834

Drawing No. **P102**

Sheet of

PLUMBING GENERAL SHEET NOTES

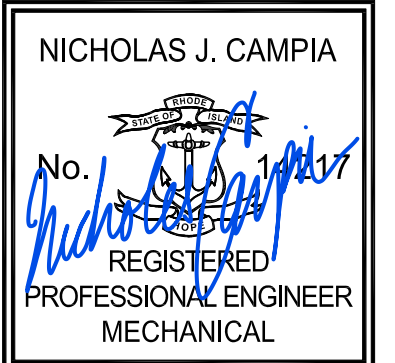
1. REFER TO PARTIAL PLANS FOR MORE INFORMATION.
2. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF PLUMBING FIXTURES.
3. THE FLOOR PLAN SHOULD BE PRINTED IN COLOR FOR ACCURACY AND LEGIBILITY.

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1 PLUMBING WASTE & VENT - FLOOR - FIRST FLOOR OVERALL
P200 1/16" = 1'-0"



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Sheet Contents
PLUMBING WASTE & VENT - FIRST FLOOR OVERALL

Project Number. 6834

Drawing No. **P200**

Sheet of

PLUMBING GENERAL SHEET NOTES

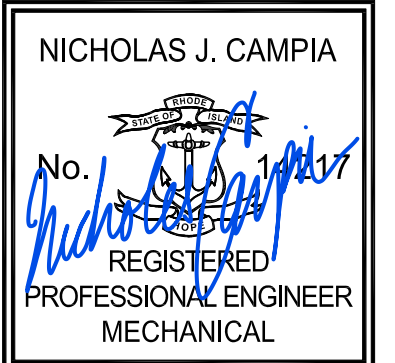
1. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF PLUMBING FIXTURES.
2. PLUMBING CONTRACTOR TO REROUTE EXISTING WASTE & VENT PIPING AS NEEDED TO ACCOMMODATE NEW MECHANICAL WORK.
3. PLUMBING CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR.
4. UNDER-SLAB LAYOUT SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR ACTUAL LAYOUT BASED ON FIELD CONDITIONS AND SHALL COORDINATE WITH ALL DISCIPLINES.
5. SEE PLUMBING FIXTURE SCHEDULE FOR FIXTURE CONNECTION SIZES.
6. THE FLOOR PLAN SHOULD BE PRINTED IN COLOR FOR ACCURACY AND LEGIBILITY.

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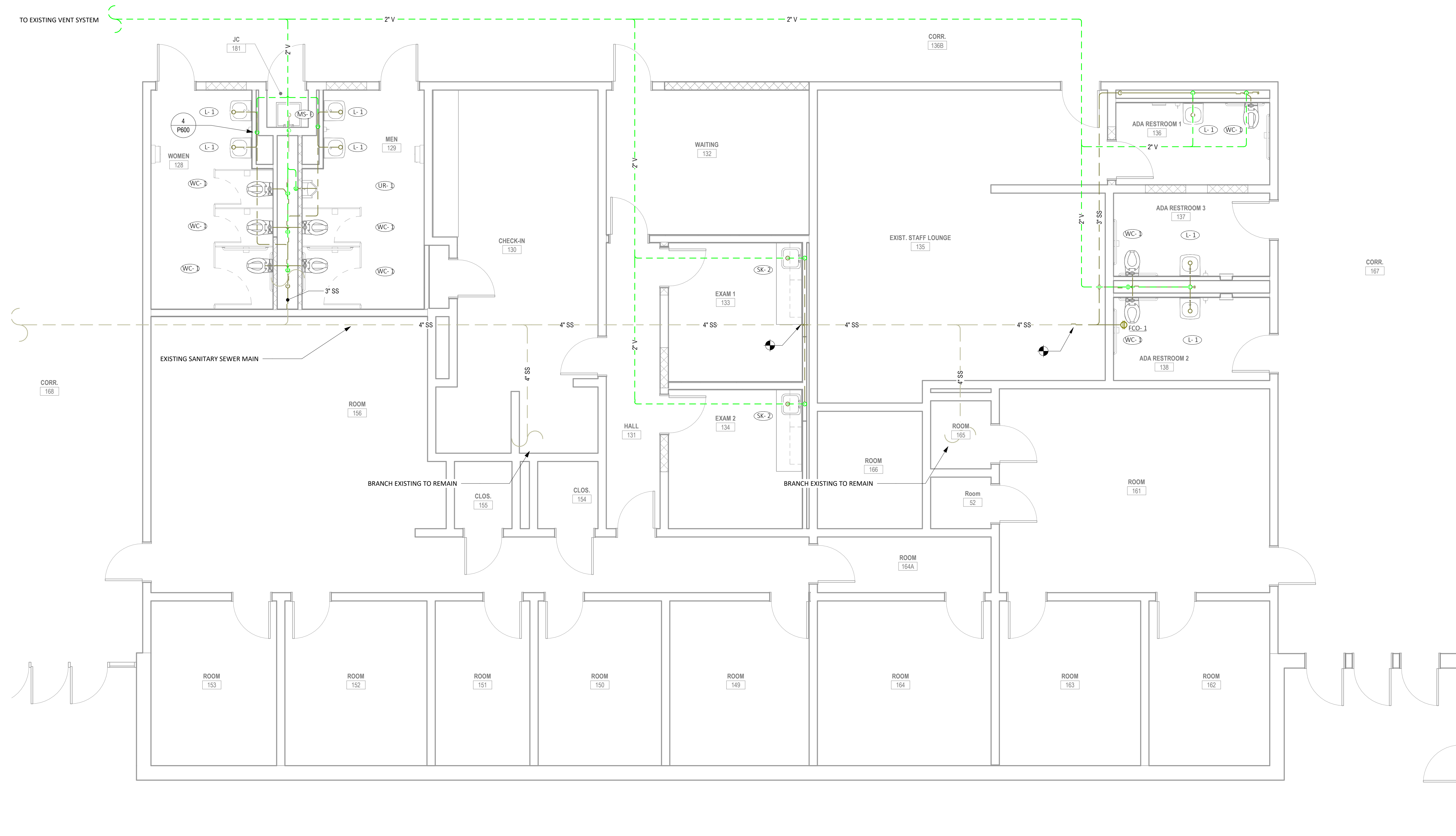
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1 PLUMBING WASTE & VENT - FLOOR - FIRST FLOOR PARTIAL PLAN 'B'
P202 1/4" = 1'-0"



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Sheet Contents
PLUMBING WASTE &
VENT - FIRST FLOOR
PARTIAL PLAN 'B'

Project Number. 6834

Drawing No. P202

Sheet of

PLUMBING GENERAL SHEET NOTES

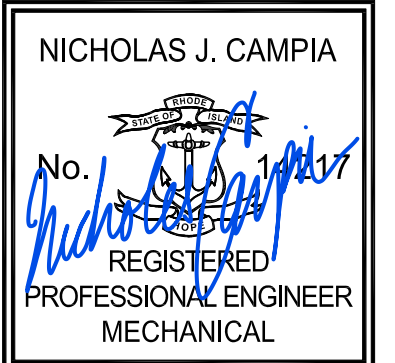
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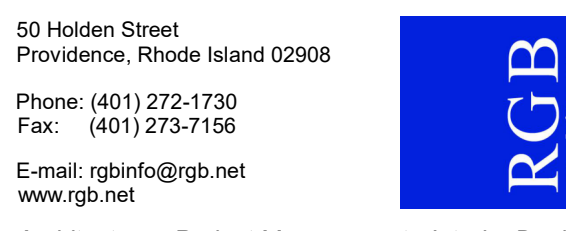
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1 PLUMBING WATER & GAS - FLOOR - FIRST FLOOR OVERALL
 P300 1/16" = 1'-0"



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PLUMBING WATER & GAS - FIRST FLOOR OVERALL

Project Number. 6834

Drawing No. P300

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PLUMBING GENERAL SHEET NOTES

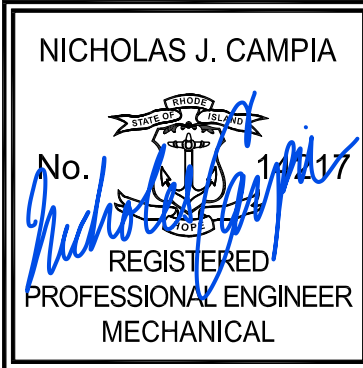
1. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF PLUMBING FIXTURES.
2. NO HYDRANT FLOW TEST WAS PERFORMED. WATER SIZING BASED ON 65 PSI.
3. PLUMBING CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR.
4. SEE PLUMBING FIXTURE SCHEDULE FOR FIXTURE CONNECTION SIZES.
5. THE FLOOR PLAN SHOULD BE PRINTED IN COLOR FOR ACCURACY AND LEGIBILITY.

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Project
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Coventry Town Hall Annex**



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Sheet Contents
PLUMBING WATER & GAS - FIRST FLOOR PARTIAL PLAN 'A'

Project Number. 6834

Drawing No. **P301**

Sheet of

PLUMBING GENERAL SHEET NOTES

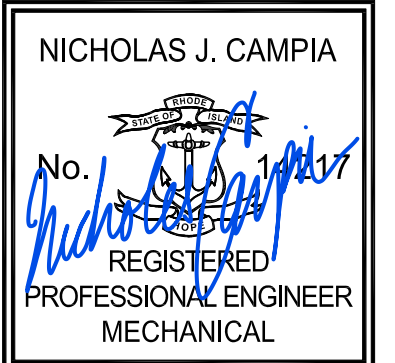
1. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATIONS OF PLUMBING FIXTURES.
2. NO HYDRANT FLOW TEST WAS PERFORMED. WATER SIZING BASED ON 65 PSI.
3. PLUMBING CONTRACTOR TO COORDINATE WITH MECHANICAL CONTRACTOR.
4. SEE PLUMBING FIXTURE SCHEDULE FOR FIXTURE CONNECTION SIZES.
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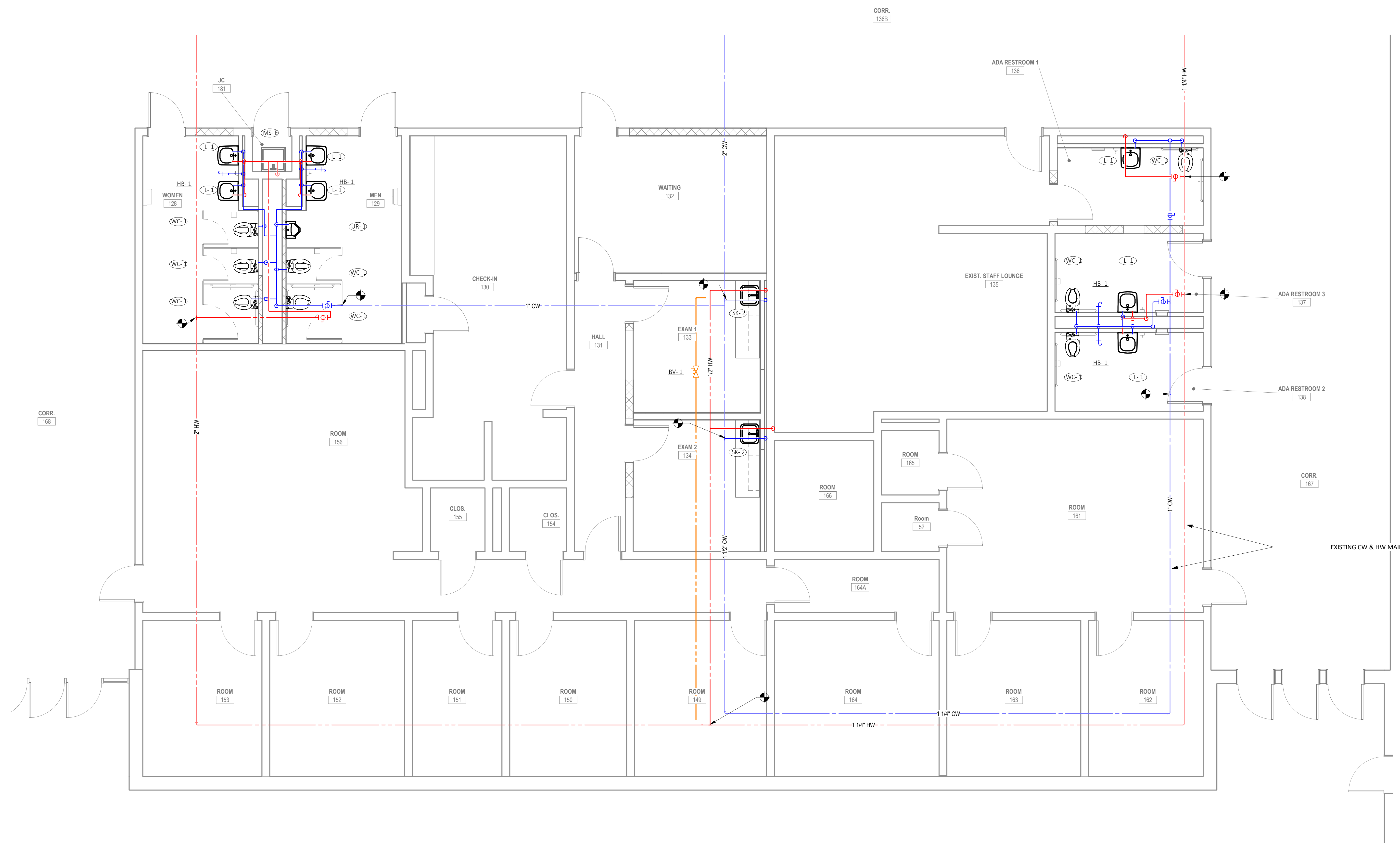
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Sheet Contents
PLUMBING WATER & GAS - FIRST FLOOR PARTIAL PLAN 'B'

Project Number. 6834

Drawing No. P302

Sheet of

PLUMBING GENERAL SHEET NOTES

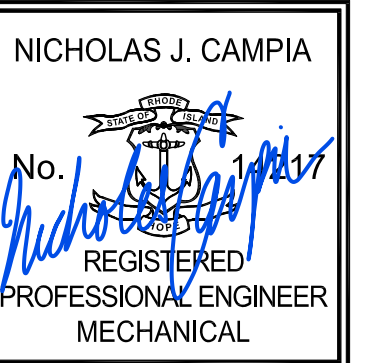
1. PLUMBING FITTINGS SHOWN ON ISOMETRIC PLANS ARE FOR DIAGRAMMATICAL PURPOSES ONLY.
2. THE FLOOR PLAN SHOULD BE PRINTED IN COLOR FOR ACCURACY AND LEGIBILITY.

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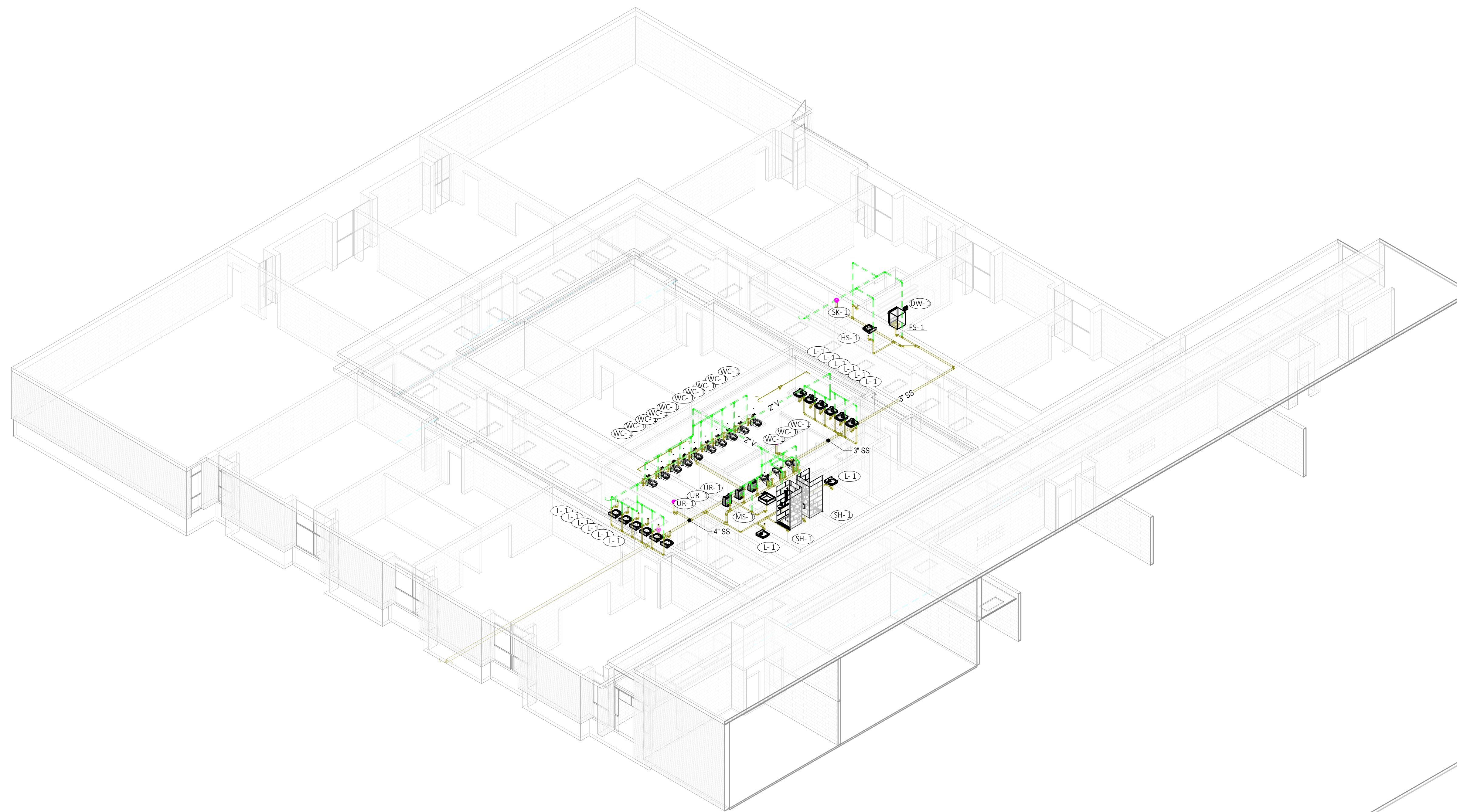
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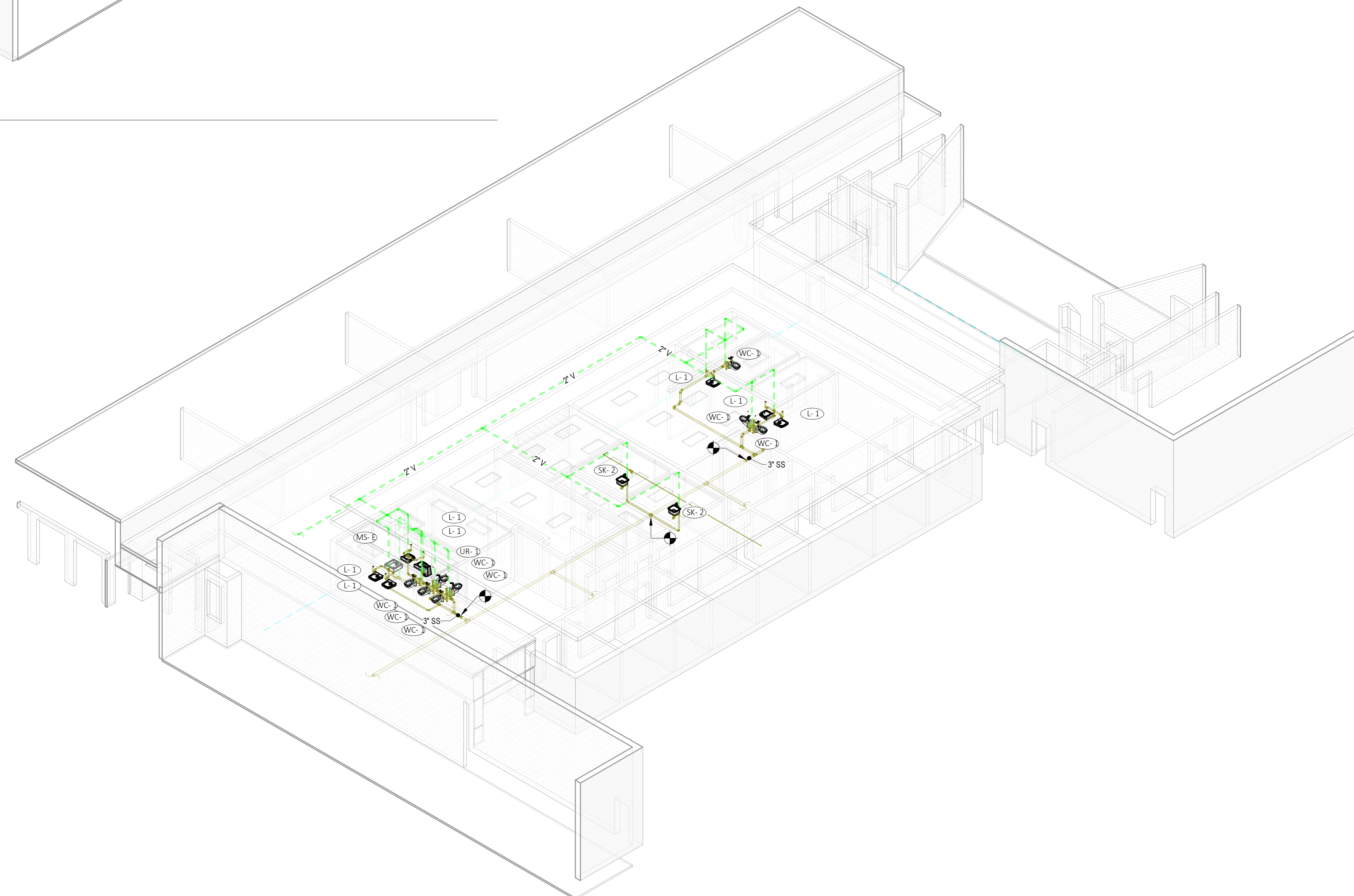
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1 PLUMBING - WASTE & VENT PLAN "A" ISOMETRIC

P500



2 PLUMBING - WASTE & VENT PLAN "B" ISOMETRIC

P500



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Sheet Contents

PLUMBING WASTE &
VENT ISOMETRIC

Project Number. 6834

Drawing No.

P500

Sheet of

PLUMBING GENERAL SHEET NOTES

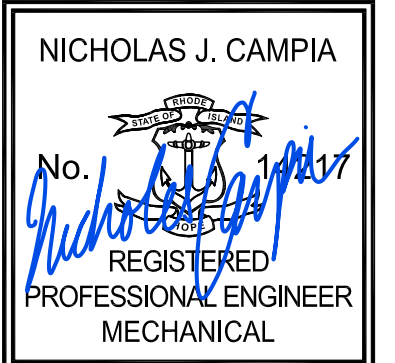
1. PLUMBING FITTINGS SHOWN ON ISOMETRIC PLANS ARE FOR DIAGRAMMATICAL PURPOSES ONLY.
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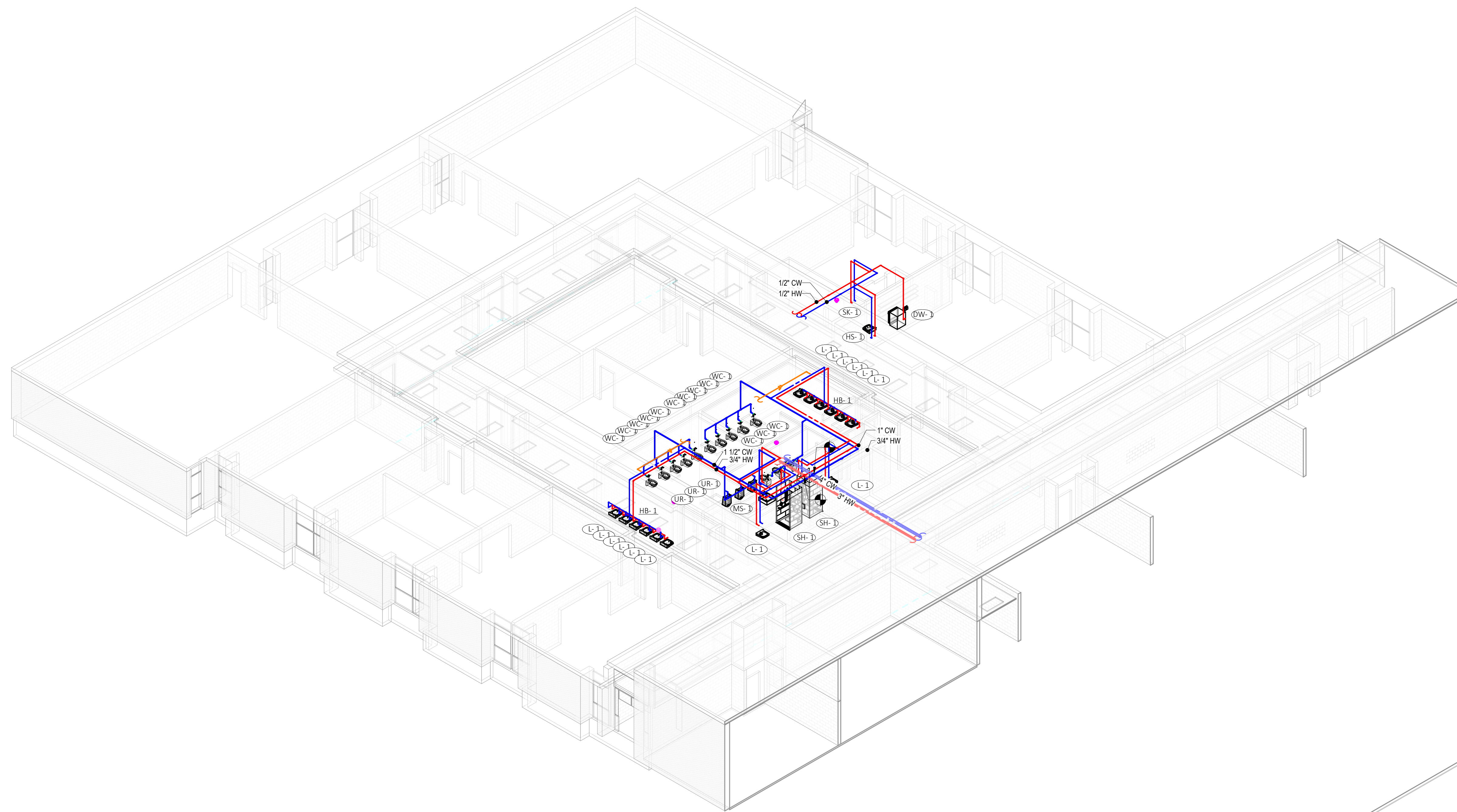
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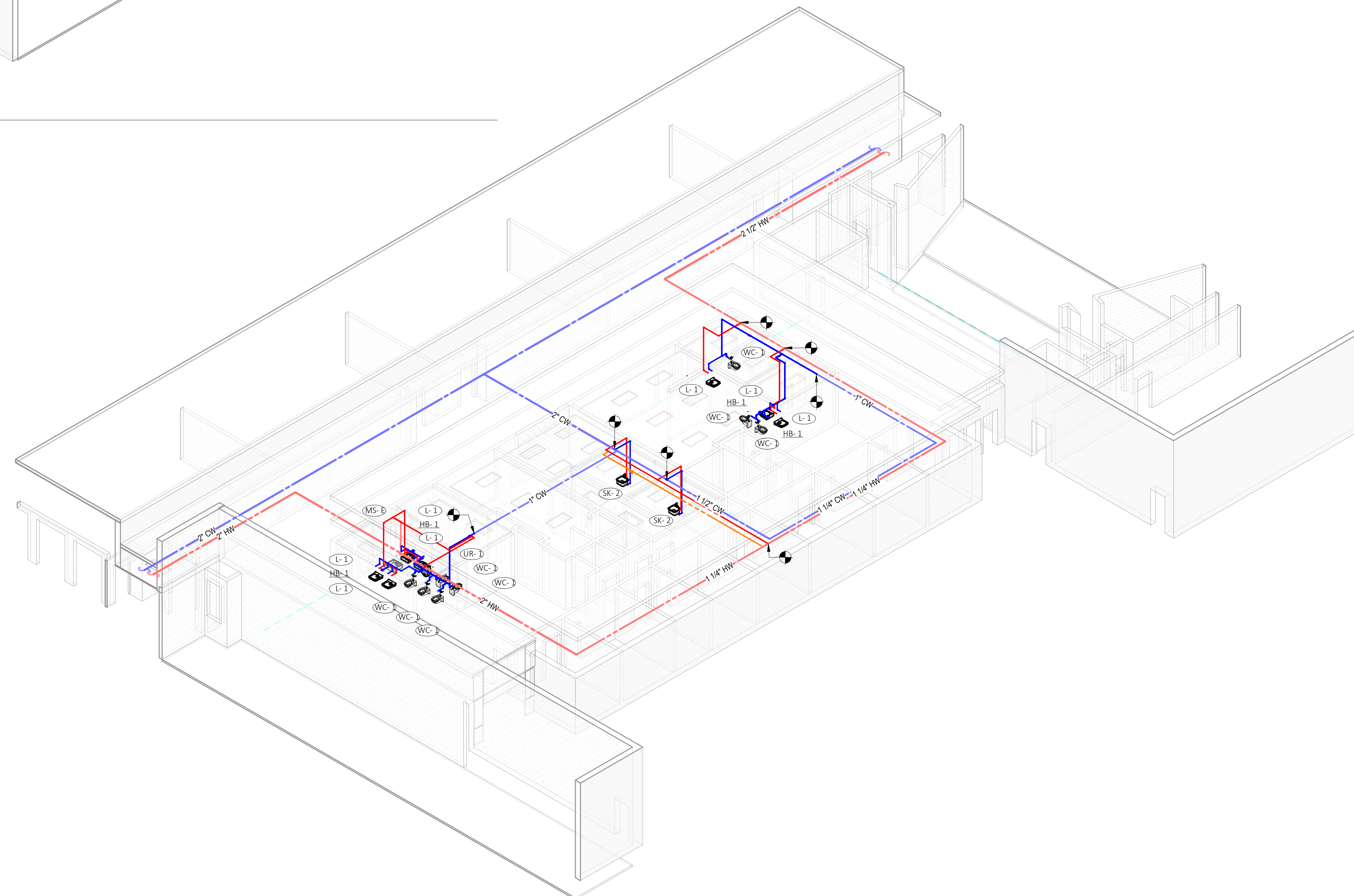
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1 PLUMBING - DOMESTIC WATER PLAN "A" ISOMETRIC

P501



2 PLUMBING - DOMESTIC WATER PLAN "B" ISOMETRIC

P501



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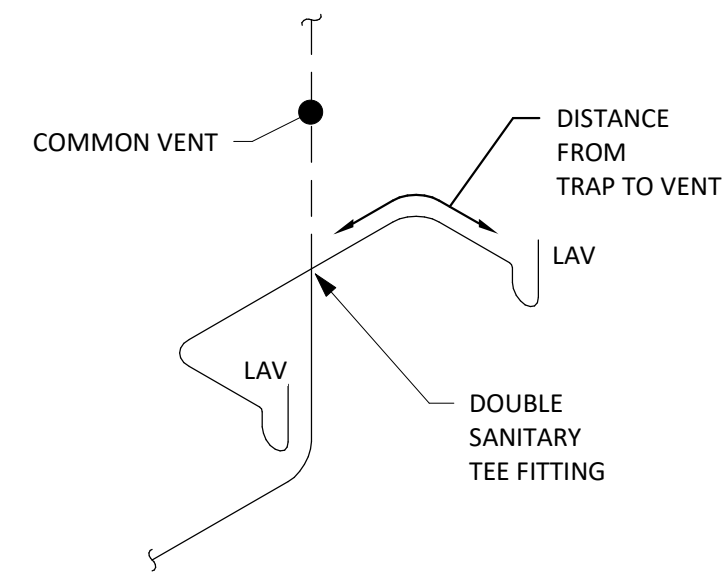
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PLUMBING DOMESTIC WATER ISOMETRIC

Project Number. 6834

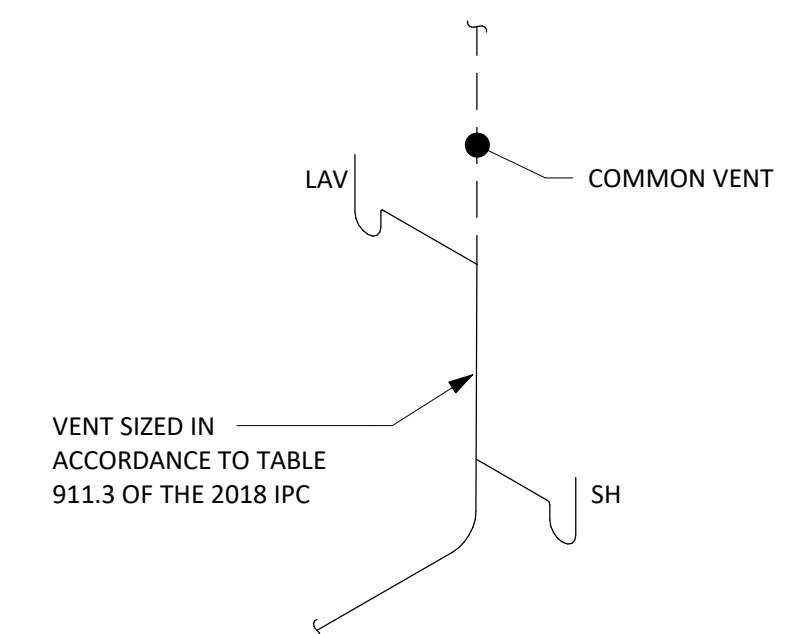
Drawing No. **P501**

Sheet of



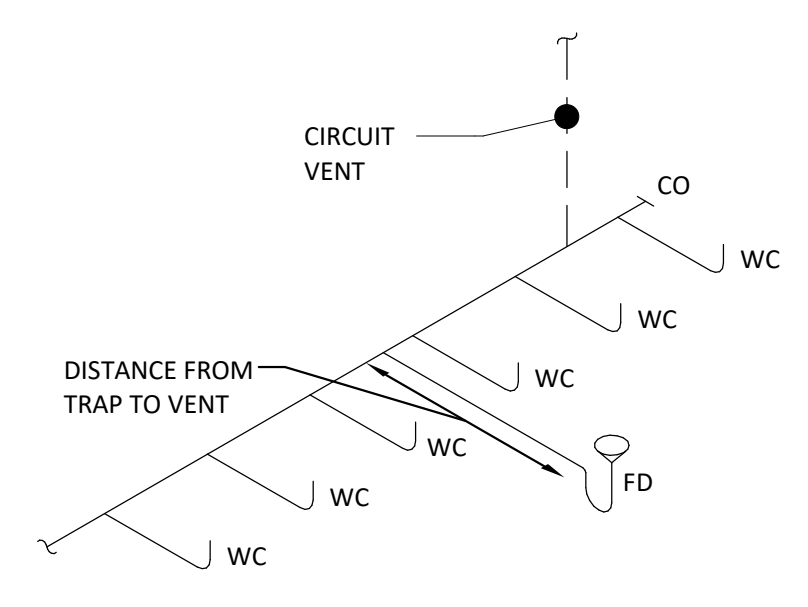
NOTE:
1. SEE PLUMBING PLANS FOR PIPE SIZES.

4 COMMON VENT - CONNECTED LAVATORIES
P600 NOT TO SCALE



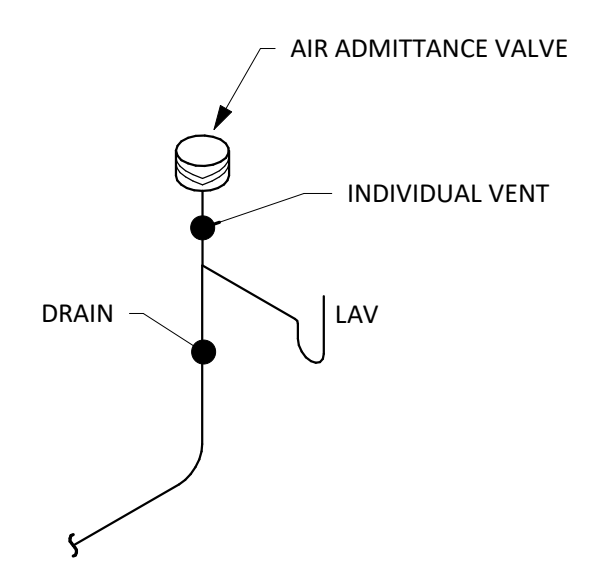
NOTE:
1. SEE PLUMBING PLANS FOR PIPE SIZES.

3 COMMON VENT - FIXTURE CONNECTION AT DIFFERENT LEVELS
P600 NOT TO SCALE



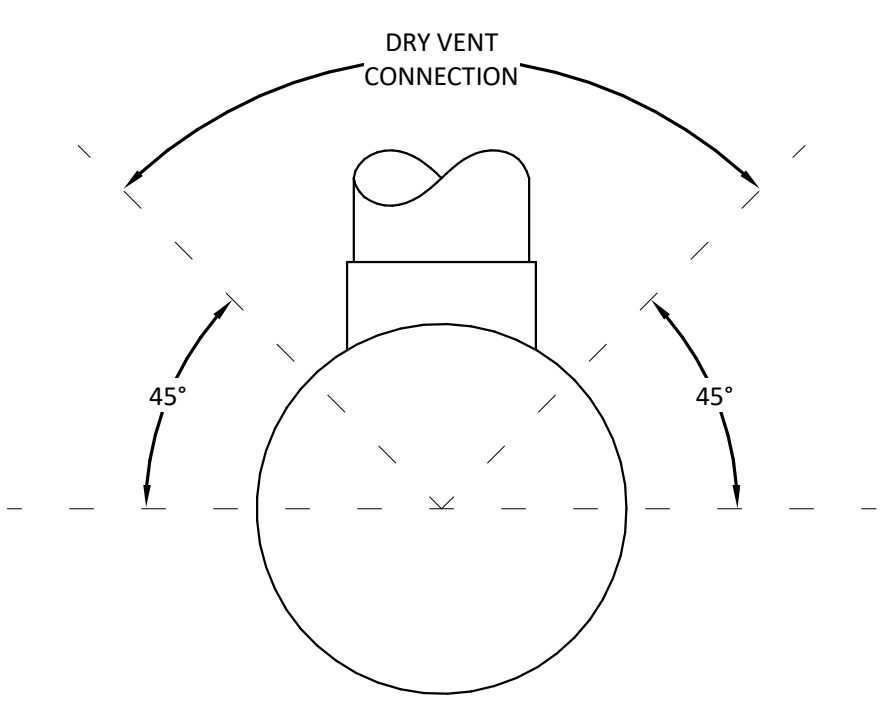
NOTE:
1. SEE PLUMBING PLANS FOR PIPE SIZES.

2 CIRCUIT VENT DETAIL
P600 NOT TO SCALE



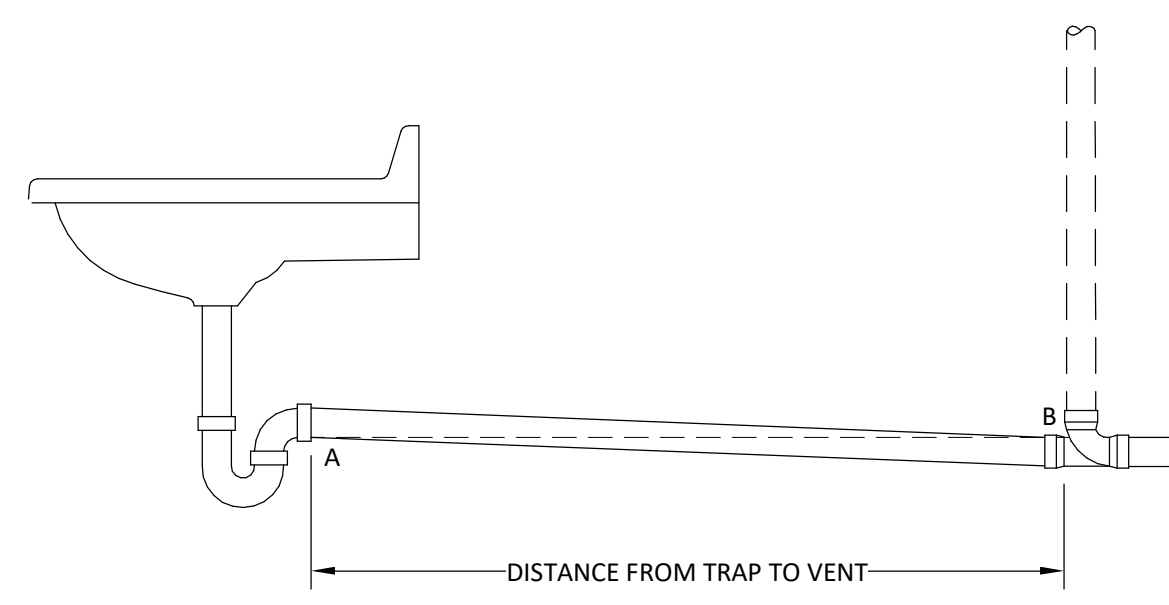
NOTE:
1. SEE PLUMBING PLANS FOR PIPE SIZES.

1 AIR ADMITTANCE VALVE
P600 NOT TO SCALE



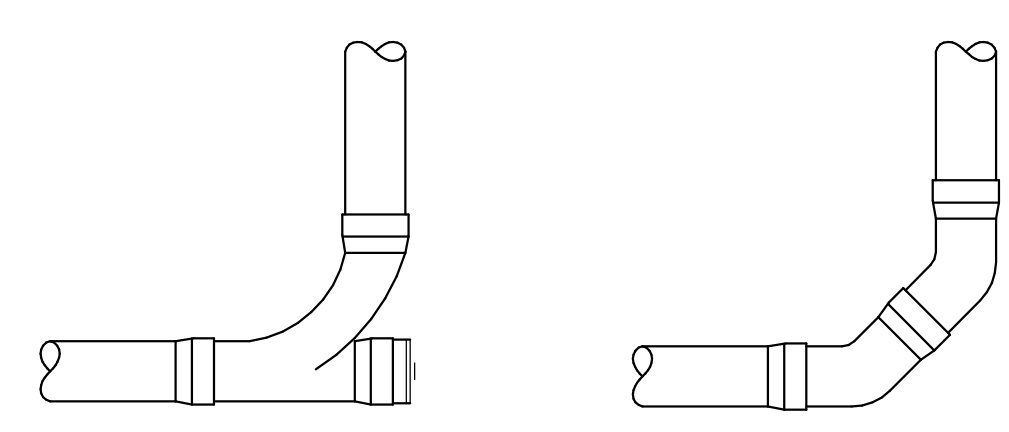
NOTE:
1. SEE PLUMBING PLANS FOR PIPE SIZES.

8 DRY VENT CONNECTION
P600 NOT TO SCALE



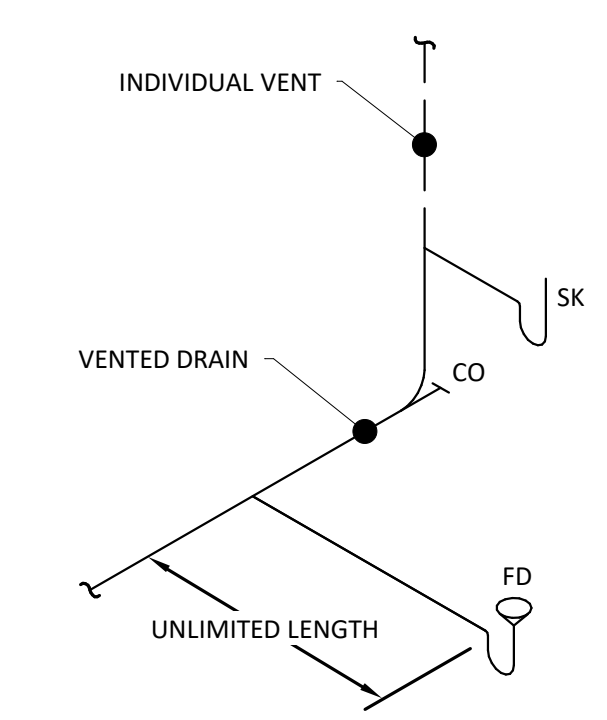
NOTE:
1. SEE PLUMBING PLANS FOR PIPE SIZES.

7 DISTANCE FROM TRAP TO VENT
P600 NOT TO SCALE



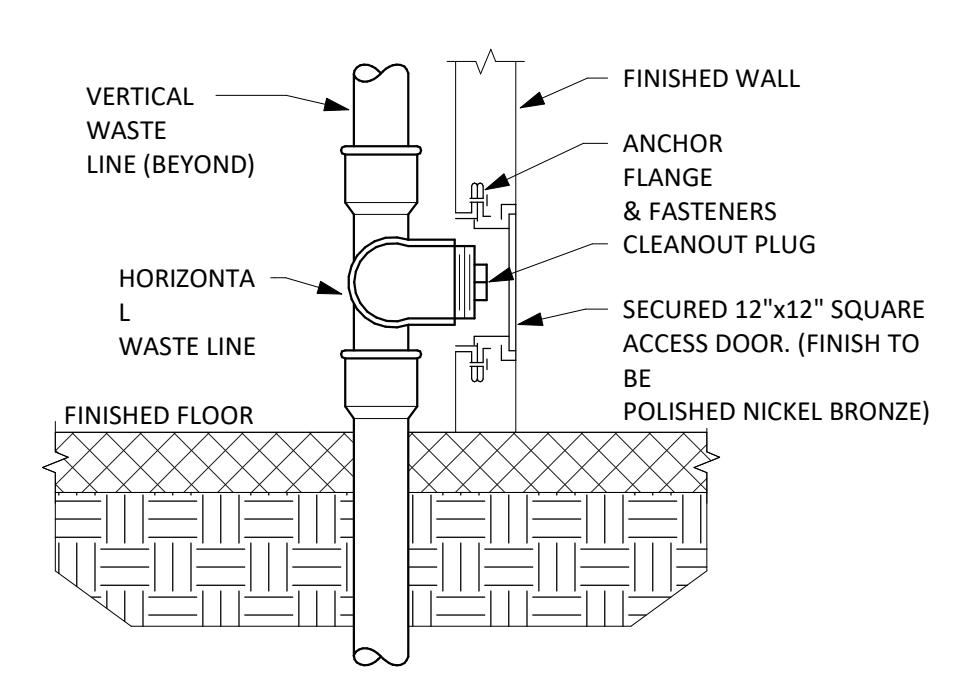
NOTE:
1. SEE PLUMBING PLANS FOR PIPE SIZES.

6 CLEANOUT FITTINGS
P600 NOT TO SCALE

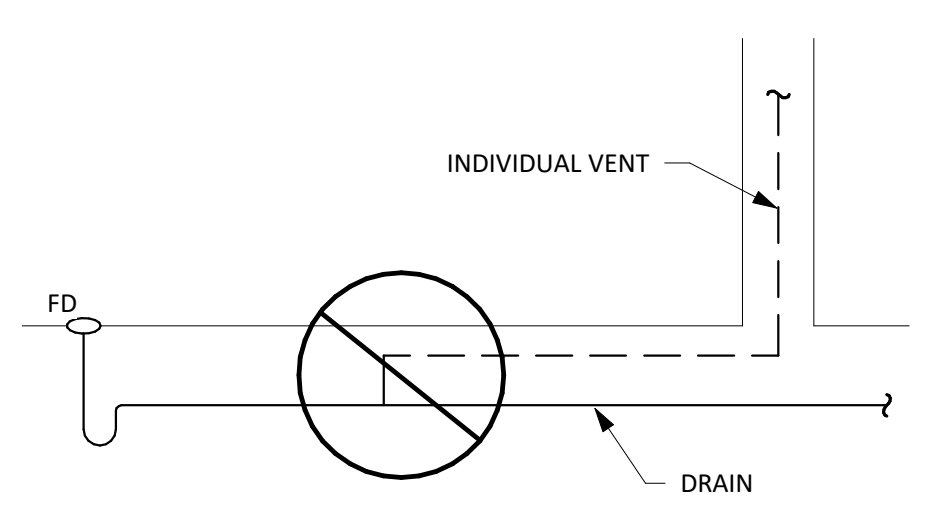


NOTE:
1. SEE PLUMBING PLANS FOR PIPE SIZES.
2. 2015 IPC 915.2.3 THE COMBINATION WASTE AND VENT SYSTEM SHALL BE PROVIDED WITH A DRY VENT CONNECTED AT ANY POINT WITHIN THE SYSTEM, OR THE SYSTEM SHALL CONNECT TO A HORIZONTAL DRAIN THAT SERVES VENTED FIXTURES.

5 COMBINATION WASTE & VENT SYSTEM
P600 NOT TO SCALE

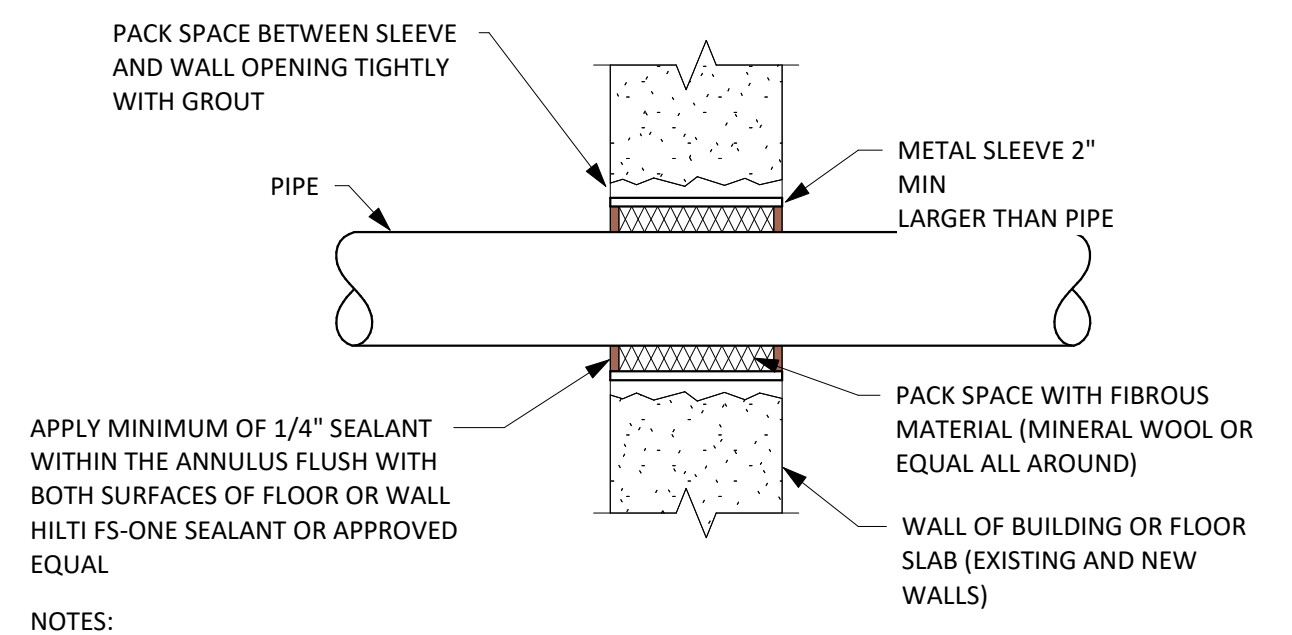


12 WALL CLEANOUT DETAIL
P600 NOT TO SCALE



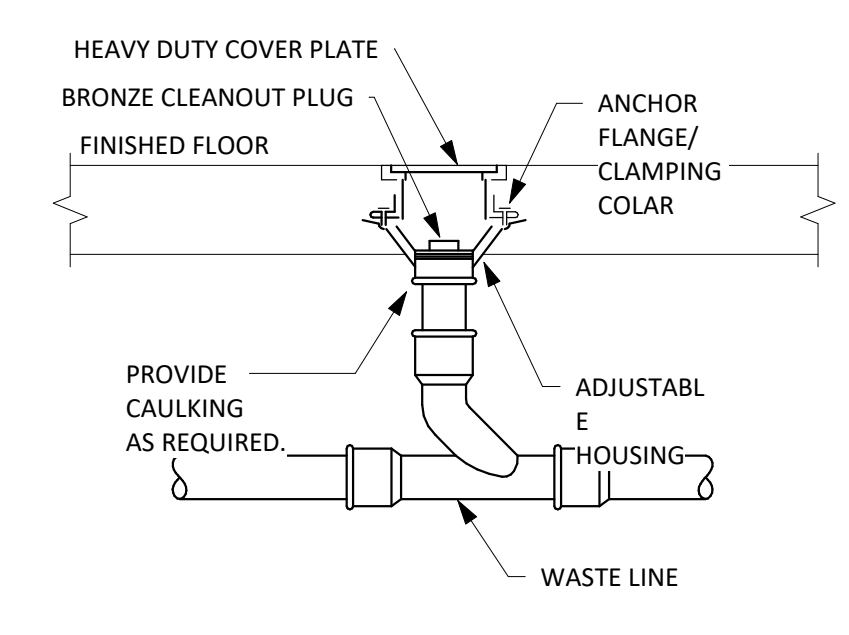
NOTE:
1. SEE PLUMBING PLANS FOR PIPE SIZES.

11 VENT NOT PERMITTED
P600 NOT TO SCALE

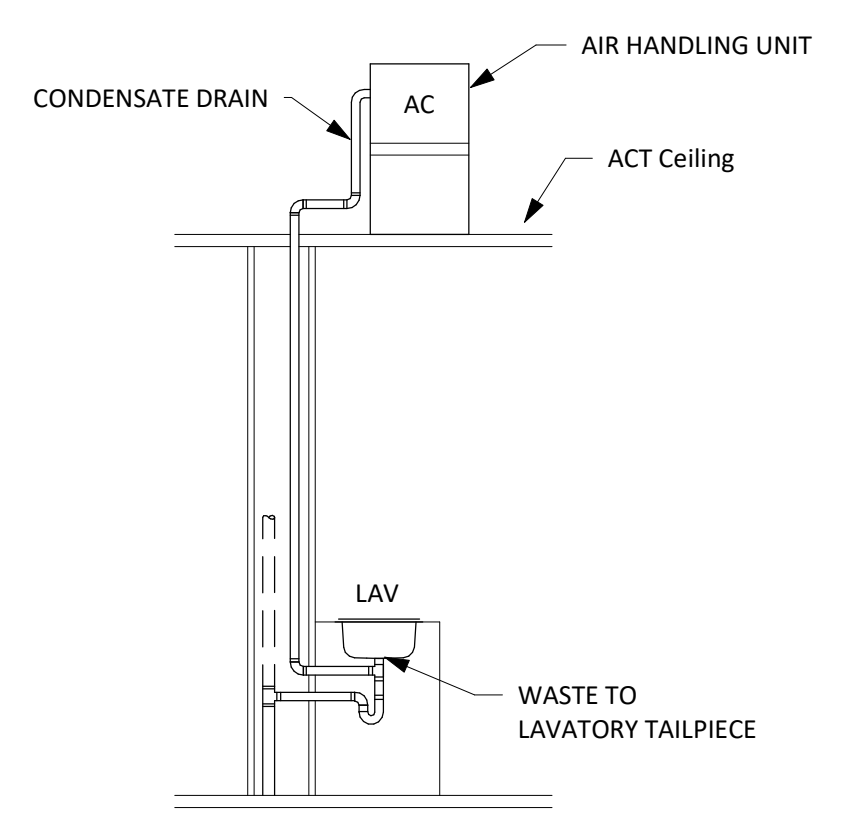


NOTES:
1. FIRESTOP SYSTEM SHALL BE UL LISTED AND MANUFACTURED BY HILTI CO.

10 PIPE PENETRATION DETAIL
P600 NOT TO SCALE



9 FLOOR CLEANOUT DETAIL
P600 NOT TO SCALE

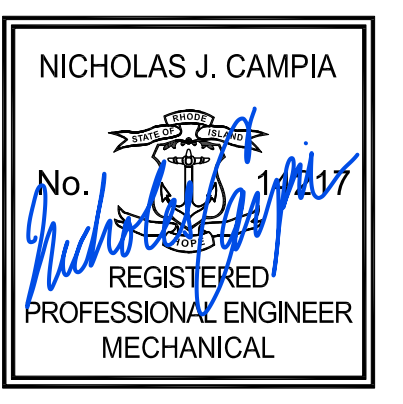


NOTE:
1. SEE PLUMBING PLANS FOR PIPE SIZES.

13 INDIRECT WASTE - AC CONDENSATE DRAINAGE
P600 NOT TO SCALE

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PLUMBING DETAILS

Project Number. 6834

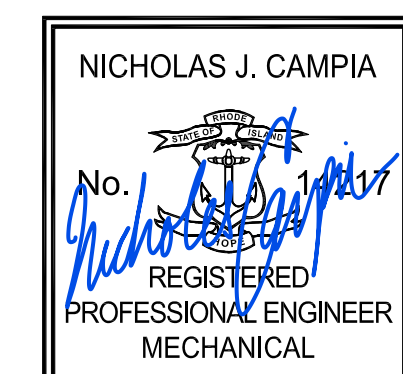
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PLUMBING FIXTURE SCHEDULE							
Tag No.	FIXTURE TYPE	COLD WATER	HOT WATER	VENT	WASTE	FLOW (GPM/GPF)	COMMENT
DW-1	DISHWASHER	-	1/2"	-	1"	-	SELECTION TBD BY OWNER.
HB-1	HOSE BIBB	1/2"	-	-	-	-	INTERIOR HOSE BIBB WITH AINT-SIPHON VACUUM BREAKER WOODFORD MODEL 24. 3/4" MALE HOSE THREAD OUTLET.
HS-1	HAND SINK	1/2"	1/2"	2"	2"	1.5	SELECTION TBD BY OWNER.
L-1	LAVATORY	1/2"	1/2"	1-1/2"	2"	0.5	AMERICAN STANDARD, LUCERNE WALL-HUNG LAVATORY, MODEL 0356.421, CONCEALED ARMS SUPPORT ZURN MODEL NO. Z1231, COLOR WHITE, FAUCET: AMERICAN STANDARD SELECTRONIC ELECTRONIC PROXIMITY LAVATORY FAUCET, PWRX LONG-LIFE BATTERY POWERED, MODEL 6053.105, MEETS ADA GUIDELINES, PROVIDE THERMOSTATIC MIXING VALVE 605XTMV1070.
MS-1	MOP SINK	1/2"	1/2"	2"	3"	1.75	FIAT PRODUCTS, MOLDED STONE INTEGRAL DRAIN MOB SERVICE BASIN, MSBID2424, INCLUDE HOSE & BRACKET, MODEL 832AA, INCLUDE MOP HANGER, MODEL 889CC.
SH-1	SHOWER	1/2"	1/2"	2"	2"	1.75	AQUATIC ADVANTAGE, ROLL-IN SHOWER, MODEL: 1603BFS, FULL ENCLOSURE, CENTER DRAIN, COLOR: WHITE, PROVIDE AMERICAN STANDARD COMMERCIAL SHOWER SYSTEM TRIM KIT, MODEL NUMBER: TU662.211, POLISHED CHROME FINISH, CONTAINS DOUBLE CERAMIC PRESSURE BALANCE CARTRIDGE, VALVE TRIM KIT, 3-FUNCTION WATER SAVING HAND SHOWER NON-POSITIVE SHUT-OFF, METAL HOSE, VACUUM BREAKER, WALL SUPPLY AND 36" SLIDE BAR, 1.5 GPM.
SK-1	PREP SINK	1/2"	1/2"	2"	2"	1.5	SELECTION TBD BY OWNER.
SK-2	SINK	1/2"	1-1/2"	2"	1.5	1.5	ELKAY, CELEBRITY STAINLESS STEEL DOUBLE BOWL DROP-IN SINK, MODEL GECR3321, FAUCET: AMERICAN STANDARD MONTERREY TWO-HANDLE TOP-MOUNT KITCHEN FAUCET, MODEL 6409.170, TOP MOUNT FAUCET WITH 8" GOOSENECK SPOUT, LESS SPRAY, MEETS ADA GUIDELINES.
UR-1	URINAL	3/4"	-	1-1/2"	2"	0.5	AMERICAN STANDARD, WASHBROOK FLOWISE UNIVERSAL URINAL, MODEL: 6590.001, UNIVERSAL TOP SPUD, FLUSH VALVE MODEL: 6064.051, SELECTRONIC PWRX LONG LIFE SYSTEM, 0.5 GPF.
WC-1	WATER CLOSET	1"	-	2"	3"	1.28	AMERICAN STANDARD, AFWAL MILLENNIUM, TOP SPUD, ELONGATED BOWL, MODEL: 2257.101, WALL HUNG, SENSOR FLUSH VALVE: AMERICAN STANDARD, MODEL: 6066.121.002, FLOW: 1.28 GPF, PWRX LONG LIFE SYSTEM, BATTERY LIFE: 10 YEARS, SEAT: 5901.100, HEAVY DUTY OPEN FRONT LESS COVER.

DRAIN SCHEDULE			
SYMBOL	DESCRIPTION	MODEL	REMARKS
FCO	FLOOR CLEANOUT	SIoux CHIEF 834 SERIES - FINISH LINE	SCH 40 HUB CONNECTION, PVC, ROUND, NICKEL-BRONZE
FS-1	FLOOR SINK	SIoux CHIEF 832 SERIES - FINISH LINE	SCH 40 HUB CONNECTION, PVC, ROUND, NICKEL-BRONZE, PROVIDE GREEN DRAIN WATERLESS TRAP SEAL.

PIPING MATERIAL SCHEDULE	
DOMESTIC WATER PIPING INSIDE BUILDING ABOVE FLOOR SIZES 1/2" TO 2"	COPPER TYPE "L", WHICH SHALL CONFORM TO NSF 61 AND SHALL CONFORM TO ONE OF THE STANDARDS LISTED IN TABLE 605.4 OF THE 2018 IPC.
NATURAL GAS PIPING ABOVE GRADE	STEEL AND WROUGHT-IRON PIPE SHALL BE NOT LESS THAN STANDARD WEIGHT (SCH 40) AND SHALL COMPLY WITH ONE OF THE FOLLOWING STANDARDS: ASME B36.10,10M; ASTM A53/A53M; OR ASTM A106.
SEWER, WASTE AND VENT PIPING INSIDE BUILDING ABOVE FLOOR	PVC, WHICH CONFORMS TO ONE OF THE STANDARDS LISTED IN TABLE 702.1 OF THE 2018 IPC.
SEWER, WASTE AND VENT PIPING INSIDE BUILDING BELOW GRADE	PVC PIPE, WHICH CONFORMS TO ONE OF THE STANDARDS LISTED IN TABLE 702.2 OF THE 2018 IPC.

BALANCING VALVE	
EQUIPMENT NUMBER	BV-1
TYPE	THERMOSTATIC BALANCING VALVE
MANUFACTURER	CIRCUIT SOLVER
MODEL NUMBER	CSJA-3/4-110-CV1
SIZE	3/4"
MISC	INCLUDE SOV AND CHECK VALVE



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Sheet Contents
PLUMBING SCHEDULES

Project Number. 6834

Drawing No. **P700**

Sheet of

PART 1 - GENERAL PLUMBING REQUIREMENTS:
1.01 GENERAL CONDITIONS:

THE PROVISIONS IN THIS SECTION SHALL BE CONSIDERED AS APPLICABLE TO ALL PARTS OF THESE SPECIFICATIONS.

A. THE SPECIFICATIONS AND DRAWINGS ARE INTENDED TO SERVE JOINTLY AS A BASIS UPON WHICH THE CONTRACTOR SHALL SUBMIT A CONTRACT PRICE FOR THE MATERIAL AND LABOR PROVISIONS.

B. WHEN CONFLICTS OCCUR IN THE SPECIFICATIONS OR ON THE DRAWINGS, OR BETWEEN EITHER, THE ITEMS OF GREATER QUANTITY OR HIGHER COST SHALL BE PROVIDED.

C. THE CONTRACTOR SHALL PROVIDE ALL ITEMS OF LABOR AND MATERIALS NOT SPECIFICALLY INDICATED BUT REQUIRED TO COMPLETE THE INTENDED INSTALLATION.

D. THE CONTRACTOR SHALL COORDINATE HIS WORK OR ADJUST SAME TO THAT OF OTHER TRADES IN ORDER THAT CONFLICTS IN SPACE LOCATIONS DO NOT OCCUR.

E. THE WORK UNDER THIS CONTRACT SHALL BE PERFORMED SIMULTANEOUSLY WITH WORK OF OTHER TRADES SO AS NOT TO DELAY THE OVERALL PROGRESS OF WORK.

F. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR HIS WORK WITH ITS COMPLETION AND FINAL ACCEPTANCE AND SHALL REPLACE ANY ITEM THAT IS DAMAGED, LOST OR STOLEN, WITHOUT ADDITIONAL COST TO THE OWNER.

G. ALL PLUMBING WORK SHALL BE PERFORMED BY A STATE LICENSED PLUMBER IN STRICT ACCORDANCE WITH AHJ, STATE & LOCAL CODES AND REQUIREMENTS.

H. PROVIDE ALL TRANSPORTATION, FREIGHT, LOADING AND UNLOADING AND PROVIDE ALL LABOR NECESSARY FOR DIRECTING IN PLACE OF ALL MATERIAL AND EQUIPMENT SHOWN, SPECIFIED OR REQUIRED UNDER THIS DIVISION.

I. ALL PIPE, FITTING, FIXTURE, SOLDER OR FLUX USED OR USED IN THE INSTALLATION OF THE DOMESTIC WATER SYSTEM SHALL MEET THE SAFE DRINKING WATER ACT.

1.02 SCOPE OF WORK:

A. WITHOUT LIMITING GENERALITY, PROVIDED ALL LABOR, MATERIAL, AND EQUIPMENT FOR A COMPLETE PLUMBING SYSTEM AS DESCRIBED BELOW:

1. SANITARY, WASTE AND VENT PIPING SYSTEM
2. STORM DRAINAGE SYSTEM
3. DOMESTIC WATER PIPING SYSTEM
4. PIPE INSULATION, SLEEVING AND FIRESTOPPING
5. HANGERS, SUPPORTS, ACCESS PANELS
6. FLUSHING, DISINFECTING, TESTING AND BALANCING
7. PERMITS AND FEES
8. TRENCHING, BACKFILLING, COMPACTING, CORING, CUTTING & PATCHING
9. NATURAL GAS SYSTEM
10. LAB WASTE AND VENT AND VENT PIPING SYSTEM

1.03 PLUMBING SYSTEMS:

A. WITHOUT LIMITING GENERALITY, PROVIDED ALL LABOR, MATERIAL, AND EQUIPMENT FOR A COMPLETE PLUMBING SYSTEM AS DESCRIBED BELOW:

1. SANITARY, WASTE AND VENT PIPING SYSTEM
2. STORM DRAINAGE SYSTEM
3. DOMESTIC WATER PIPING SYSTEM
4. PIPE INSULATION, SLEEVING AND FIRESTOPPING
5. HANGERS, SUPPORTS, ACCESS PANELS
6. FLUSHING, DISINFECTING, TESTING AND BALANCING
7. PERMITS AND FEES
8. TRENCHING, BACKFILLING, COMPACTING, CORING, CUTTING & PATCHING
9. NATURAL GAS SYSTEM
10. LAB WASTE AND VENT AND VENT PIPING SYSTEM

1.04 PLUMBING SYSTEMS:

A. WITHOUT LIMITING GENERALITY, PROVIDED ALL LABOR, MATERIAL, AND EQUIPMENT FOR A COMPLETE PLUMBING SYSTEM AS DESCRIBED BELOW:

1. SANITARY, WASTE AND VENT PIPING SYSTEM
2. STORM DRAINAGE SYSTEM
3. DOMESTIC WATER PIPING SYSTEM
4. PIPE INSULATION, SLEEVING AND FIRESTOPPING
5. HANGERS, SUPPORTS, ACCESS PANELS
6. FLUSHING, DISINFECTING, TESTING AND BALANCING
7. PERMITS AND FEES
8. TRENCHING, BACKFILLING, COMPACTING, CORING, CUTTING & PATCHING
9. NATURAL GAS SYSTEM
10. LAB WASTE AND VENT AND VENT PIPING SYSTEM

1.05 PLUMBING SYSTEMS:

A. WITHOUT LIMITING GENERALITY, PROVIDED ALL LABOR, MATERIAL, AND EQUIPMENT FOR A COMPLETE PLUMBING SYSTEM AS DESCRIBED BELOW:

1. SANITARY, WASTE AND VENT PIPING SYSTEM
2. STORM DRAINAGE SYSTEM
3. DOMESTIC WATER PIPING SYSTEM
4. PIPE INSULATION, SLEEVING AND FIRESTOPPING
5. HANGERS, SUPPORTS, ACCESS PANELS
6. FLUSHING, DISINFECTING, TESTING AND BALANCING
7. PERMITS AND FEES
8. TRENCHING, BACKFILLING, COMPACTING, CORING, CUTTING & PATCHING
9. NATURAL GAS SYSTEM
10. LAB WASTE AND VENT AND VENT PIPING SYSTEM

1.06 PLUMBING SYSTEMS:

A. WITHOUT LIMITING GENERALITY, PROVIDED ALL LABOR, MATERIAL, AND EQUIPMENT FOR A COMPLETE PLUMBING SYSTEM AS DESCRIBED BELOW:

1. SANITARY, WASTE AND VENT PIPING SYSTEM
2. STORM DRAINAGE SYSTEM
3. DOMESTIC WATER PIPING SYSTEM
4. PIPE INSULATION, SLEEVING AND FIRESTOPPING
5. HANGERS, SUPPORTS, ACCESS PANELS
6. FLUSHING, DISINFECTING, TESTING AND BALANCING
7. PERMITS AND FEES
8. TRENCHING, BACKFILLING, COMPACTING, CORING, CUTTING & PATCHING
9. NATURAL GAS SYSTEM
10. LAB WASTE AND VENT AND VENT PIPING SYSTEM

2.05 IDENTIFICATION, MARKING AND TAGGING:

A. EQUIPMENT IDENTIFICATION:

1. MANUFACTURER'S NAMEPLATES OR TRADEMARK SHALL BE PERMANENTLY AFFIXED TO ALL EQUIPMENT AND MATERIALS FURNISHED UNDER THIS DIVISION. MANUFACTURER'S NAMEPLATES SHALL INCLUDE ALL PERTINENT DATA RELATIVE TO THE PIECE OF EQUIPMENT INCLUDING MODEL NUMBER, SERIAL NUMBER, AND OPERATING CHARACTERISTICS AS APPLICABLE.
2. SEPARATE EQUIPMENT IDENTIFICATION MARKERS SHALL IDENTIFY EACH ITEM OF EQUIPMENT WITH A PERMANENTLY ATTACHED MARKER INDICATING DESIGNATION AND/OR NUMBER CORRESPONDING TO DESIGN DOCUMENTS E.G. WH-1, WK-1, ETC.
3. MARKERS SHALL BE OF BLACK RIGID BAKELITE OR PHENOLIC CONSTRUCTION WITH WHITE ENGRAVED OR INCISED LETTERS.
4. LETTERING ON EQUIPMENT MARKERS SHALL BE OF ADEQUATE SIZE TO BE LEGIBLE FROM FLOOR LEVELS. MARKER LETTERING SHALL NOT BE LESS THAN 1/4 INCH HIGH.
5. MOUNT EQUIPMENT IDENTIFICATION NAMEPLATES IN A CONSPICUOUS PLACE ON THE EQUIPMENT.
6. FOR EQUIPMENT ABOVE THE FLOOR LEVEL, MOUNT IDENTIFICATION NAMEPLATE SO THAT IT CAN BE SEEN FROM FLOOR LEVEL.
7. ATTACH NAMEPLATES WITH RIVETS.
8. PIPING SYSTEM IDENTIFICATION:
 1. PIPING SYSTEMS SHALL BE IDENTIFIED AS INDICATED HEREIN OR AS REQUIRED BY APPLICABLE CODES AND/OR OFFICIALS HAVING JURISDICTION.
 2. PIPE MARKERS SHALL BE COLOR CODED ACCORDING TO TABLE 2: CLASSIFICATION OF MATERIALS AND DESIGNATIONS TO COLORS" - ANSI A13.1-2015.
 3. PIPE MARKERS SHALL INDICATE DIRECTION OF FLOW, SYSTEM, OPERATING PRESSURE AND TEMPERATURE.
 4. PIPE MARKERS SHALL BE OF THE PRESSURE SENSITIVE TYPE AS MANUFACTURED BY THE SETON NAMEPLATE CORP.(10-CODE).
 5. PIPE MARKERS SHALL BE INSTALLED AT EVERY POINT OF ENTRY AND EXIT THROUGH FLOORS, WALLS, CEILINGS ON EACH RISER, TAKE-OFF AND BRANCH AND AT EACH PIECE OF EQUIPMENT.
 6. INSTALL PIPE MARKERS AT A DISTANCE OF NOT LESS THAN 25 FEET APART IN CONTINUOUS LENGTHS OF PIPE LINES AND ORIENTED SO THAT MARKERS ARE CLEARLY VISIBLE. WHEN PIPE LINES ARE LOCATED ABOVE THE NORMAL LINE OF VISION, THE MARKER SHALL BE PLACED BELOW THE HORIZONTAL CENTERLINE OF THE PIPE.

3.01 WATER SYSTEM:

A. PIPING SHALL BE RUN PARALLEL, WITH THE LINES OF THE BUILDING. PIPING SHALL BE WELL SUPPORTED FROM THE STRUCTURE, FREE FROM POCKETS AND SAGS; PITCHED TO DRAIN POINTS, AND INSTALLED WITH PIPE EXPANSION LOOPS, MECHANICAL EXPANSION JOINTS, PIPE GUIDES, OFFSETS AND ANCHORS TO ADEQUATELY PROVIDE FOR THERMAL EXPANSION.

B. ABOVE GROUND PIPING SHALL BE INSTALLED TO PROVIDE NOT LESS THAN 3/4" SPACING FROM FINISHED COVERING TO OTHER COVERING OR SURFACES OF OTHER CONSTRUCTION. SEPERATE BELOW GROUND HOT & COLD WATER PIPING THAT ARE TO BE INSTALLED IN THE SAME TRENCH, BY A MINIMUM OF 12". PIPE SHALL HAVE LONG TURN RADIUS TURNS, WITHOUT KINKS. PIPING SHALL NOT MAKE CONTACT WITH OTHER PIPE, CONDUIT REINFORCING STEEL OR CONCRETE.

C. ALL PIPING SHALL BE PROTECTED FROM WATER HAMMER OR SHOCKS BY APPROVED WATER HAMMER ARRESTORS.

D. VALVE SHALL BE INSTALLED ON BRANCHES AND AT SINGLE FIXTURES WHEN TRIM DOES NOT INCLUDE STOPS. PROVIDE CHICAGO MODEL NO. 1010 HEAVY DUTY STOPS OR APPROVED EQUAL.

E. FINAL CONNECTIONS SHALL BE MADE TO ALL EQUIPMENT WITH PROPER CONNECTION WHETHER FURNISHED BY THIS CONTRACTOR OR BY OTHERS. THIS CONTRACTOR SHALL PROVIDE FAUCETS, TRAPS, STRAINERS AND SUPPLIES.

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GENERAL PLUMBING SPECIFICATIONS

H. PACK THE SPACE BETWEEN SLEEVES AND STRUCTURE, AND SLEEVES AND PIPES PASSING THROUGH FIRE RATED INTERIOR WALLS, FLOORS, AND CEILINGS WITH AN APPROVED FIRE AND SMOKE PROOF PACKING MATERIAL. FIRE-STOPPING MATERIAL SHALL MAINTAIN ITS DIMENSIONS AND INTEGRITY WHILE PREVENTING THE PASSAGE OF FLAME, SMOKE, AND GASES UNDER CONDITIONS OF INSTALLATION AND USER WHEN EXPOSED TO THE ASTM E119 TIME-TEMPERATURE CURVE FOR A TIME PERIOD EQUIVALENT TO THE RATING OF THE ASSEMBLY PENETRATED. COTTON WASTE SHALL NOT IGNITE WHEN PLACED IN CONTACT WITH THE NON-FIRE SIDE DURING THE TEST. FIRE-STOPPING MATERIAL SHALL BE NON-COMBUSTIBLE AS DEFINED BY ASTM E136, AND IN ADDITION, FOR INSULATION MATERIALS, MELT POINT SHALL BE A MINIMUM OF 1700°F FOR 1-HOUR PROTECTION AND 1600°F FOR 2-HOUR PROTECTION.

I. FASTEN SLEEVES SECURELY IN FLOORS, WALLS, ETC. SO THAT THEY WILL NOT BECOME DISPLACED WHEN CONCRETE IS POURED OR WHEN CONSTRUCTION IS BUILT AROUND THEM. TAKE PRECAUTIONS TO PREVENT CONCRETE, PLASTER, OR OTHER MATERIALS BEING FORCED INTO THE SPACE BETWEEN PIPE AND SLEEVE DURING CONSTRUCTION.

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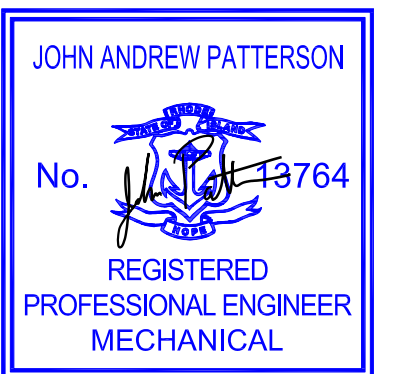
AP. FASTEN SLEEVES SECURELY IN FLOORS, WALLS, ETC. SO THAT THEY WILL NOT BECOME DISPLACED WHEN CONCRETE IS POURED OR WHEN CONSTRUCTION IS BUILT AROUND THEM. TAKE PRECAUTIONS TO PREVENT CONCRETE, PLASTER, OR OTHER MATERIALS BEING FORCED INTO THE SPACE BETWEEN PIPE AND SLEEVE DURING CONSTRUCTION.

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Registration



Drawn by TMM

Checked by JAP

Revised on

GENERAL LEGEND	
	EQUIPMENT TO BE REMOVED
	POINT TO CONNECT NEW TO EXISTING. VERIFY SIZE AND LOCATION IN FIELD PRIOR TO INSTALLATION
	SWITCH
	TEMPERATURE SENSOR
	WALL THERMOSTAT
	WALL MOUNTED HUMIDISTAT
	COOLING THERMOSTAT (REVERSE ACTING)
	HEATING/COOLING THERMOSTAT
	THERMOSTAT GUARD w/ KEY LOCK BY HONEYWELL MODEL VERSAGAURD
	DUCT MOUNTED STATIC PRESSURE SENSOR
	DUCT MOUNTED SMOKE DETECTOR
	DUCT MOUNTED HUMIDITY SENSOR
	DUCT MOUNTED TEMPERATURE SENSOR
	DUCT MOUNTED DEW POINT SENSOR

DUCTWORK LEGEND	
	SUPPLY CEILING DIFFUSER THROW PATTERN
	RETURN/EXHAUST CEILING REGISTER
	CEILING EXHAUST FAN WITH FLEXIBLE CONNECTION
	SIDE WALL GRILLE/REGISTER
	LINEAR DIFFUSER
	FLOOR GRILLE/REGISTER
	SUPPLY DUCT UP
	SUPPLY DUCT DOWN
	RETURN/EXHAUST DUCT UP
	RETURN/EXHAUST DUCT DN
	MITERED ELBOWS 90° w/ VANES
	MITERED ELBOWS 45° w/ VANES
	30° 2 PIECE CUT ELBOW
	CUT ELBOW 45° 3 PIECE
	CUT ELBOW 60° 3 PIECE
	CUT ELBOW 90° 3 PIECE

DUCTWORK LEGEND	
	ROUND ELBOWS 45° LONG RADIUS
	ROUND ELBOWS 45° SHORT RADIUS
	ROUND DUCT DROP
	ROUND DUCT RISER
	TAKE-OFF w/ BRANCH DAMPER (REFER TO DETAIL FOR TAKE-OFF TYPE)
	BULLHEAD SPLIT SUPPLY
	BULLHEAD CONVERGE RETURN/EXHAUST
	HORIZONTAL OFFSET
	FLEXIBLE CONNECTION (6" NEOPRENE)
	LINED DUCT - SIZE INDICATES INSIDE DIMENSION
	RECTANGULAR DUCT - FIRST FIGURE IS SIDE SHOWN
	SPIRAL DUCTWORK
	FLEXIBLE DUCTWORK
	DUCT HUMIDIFIER
	DUCT FILTER BOX
	VOLUME DAMPER (OPPOSED BLADE TYPE)
	MOTORIZED CONTROL DAMPER
	BACK DRAFT DAMPER
	DYNAMIC FIRE DAMPER HORIZONTAL
	DYNAMIC FIRE DAMPER VERTICAL
	OUTSIDE AIR MEASUREMENT STATION
	DUCT CAP
	EXISTING DUCT TO REMAIN (SHOWN DARK)
	EXISTING DUCT TO BE REMOVED (SHOWN LIGHT)
	ACCESS PANEL ON BOTTOM OF DUCT
	ACCESS PANEL ON SIDE OF DUCT
	TRANSITION - ECCENTRIC
	TRANSITION - CONCENTRIC
	RECTANGULAR TO ROUND TRANSITION
	EXHAUST/RETURN/INTAKE FLOW ARROW
	SUPPLY AIR FLOW DIRECTION

PIPING LEGEND	
	POINT OF CONNECTION
	POINT OF DISCONNECTION
	CONDENSATE DRAIN
	PIPE TURNING DOWN
	PIPE TURNING UP
	TEE OFF TOP
	TEE OFF BOTTOM
	DROP AND RUN
	DROP AND TURN
	TEE UP
	TEE DOWN
	VALVE IN RISER
	PIPE CAP
	CLEAN-OUT
	UNION (DIELECTRIC TYPE ON DISSIMILAR METALS)
	FLANGED (DIELECTRIC TYPE ON DISSIMILAR METALS)
	GATE VALVE
	GATE VALVE
	BUTTERFLY VALVE
	GLOBE VALVE
	DIAPHRAGM VALVE
	0.5-Y GATE VALVE
	3-WAY VALVE
	4-WAY VALVE
	CHECK VALVE (SWING TYPE)
	CHECK VALVE w/ BALL DRIP
	PRESSURE REDUCING VALVE
	PLUG VALVE
	CIRCUIT SETTER w/ GAGE PORT
	MULTI PURPOSE VALVE
	AUTOMATIC BALANCING VALVE
	MANUAL BALANCING VALVE
	PUMP
	STRAINER w/ BLOW DOWN (IN-LINE)
	PIPE DRAIN w/ BALL VALVE & CAP
	EPDM FLEXIBLE CONNECTION
	EPDM FLEXIBLE CONNECTION
	PITCH UP/DN. IN DIRECTION OF FLOW
	F&T STEAM TRAP
	PIPE GUIDE
	WALL SLEEVE
	FLOW SWITCH
	FLOW RATE METER (IN GPM)
	FLOW SENSOR
	TEMPERATURE SENSOR
	SAFETY RELIEF VALVE PIPE TO FLOOR DRAIN
	MANUAL NON-RISING
	MANUAL LEVER
	QUICK OPEN LEVER
	PNEUMATIC ACTUATOR
	ELECTRIC ACTUATOR
	ELECTRIC ACTUATOR
	THERMOMETER w/ STOP
	PRESSURE GAUGE w/ STOP
	AUTO. AIR VENT

ABBREVIATIONS	
ALL ABBREVIATIONS SHOWN ARE NOT NECESSARILY USED ON THIS PROJECT	
AC	AIR CONDITIONING UNIT
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AF	AIR FILTER
AHU	AIR HANDLING UNIT
AP	ACCESS PANEL
ARCH	ARCHITECT
ATC	AUTOMATIC TEMPERATURE CONTROL
AS	AIR SEPARATOR
AV	AIR VENT
BB	BASEBOARD
BD	BAROMETRIC DAMPER/COUNTER BALANCED
BDD	BACKDRAFT DAMPER
BHP	BRAKE HORSEPOWER
BMS	BUILDING MANAGEMENT SYSTEM (DDC)
BLDG	BUILDING
BOD	BOTTOM OF DUCT
BTU	BRITISH THERMAL UNITS
BTUH	BTU PER HOUR
BV	BALL VALVE
B	BOILER
CB	CHILLER BOILER
CC	COOLING COIL
CEF	CEILING EXHAUST FAN
CFM	CUBIC FEET PER MINUTE
CH	CEILING HEATER
CH	CHILLER
CHW	CHILLED WATER
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CP	CONDENSATE PUMP
CP	CONTROL PANEL
CO	CLEAN OUT
CO2	CARBON DIOXIDE
COP	CENTER OF PIPE
CR	CONDENSATE RECEIVER
CRP	CONDENSATE RETURN PUMP
CT	COOLING TOWER
CUH	CABINET UNIT HEATER
CTWP	COOLING TOWER WATER PUMP
CWP	CHILLED WATER PUMP
CWS	CONDENSING WATER SUPPLY
CWR	CONDENSING WATER RETURN
CY	CONVECTOR
CJ	CONDENSING UNIT
DDC	DIRECT DIGITAL CONTROL
DB	DRY BULB
DIA	DIAMETER
DIFF	DIFFUSER
DN	DOWN
DX	DIRECT EXPANSION
DP	DEW POINT
DWG	DRAWING
DHE	DOMESTIC WATER HEATER EXCHANGER
E	EXISTING
EAT	ENTERING AIR TEMPERATURE
EBB	ELECTRIC BASEBOARD
EFF	EFFICIENCY
EF	EXHAUST FAN
EHC	ELECTRIC HUMIDIFIER
ELECTRICAL	ELECTRICAL
ELV	ELEVATION
ERV	ENERGY RECOVERY UNIT
ESP	EXTERNAL STATIC PRESSURE
ET	EXPANSION TANK
ETR	EXISTING TO REMAIN
EUH	ELECTRIC UNIT HEATER
EWT	ENTERING WATER TEMPERATURE
EWH	EXHAUST
EXP	EXPANSION
F	DEGREES FAHRENHEIT
FA	FRESH AIR
FA	FREE AREA
FBT	FLAT BOTTOM TRANSITION
FCU	FAN COIL UNIT
FD	FIRE DAMPER
FLA	FULL LOAD AMPS
FLEX	FLEXIBLE
FMS	FLOW MEASURING STATION
FPI	FINS PER INCH
FPM	FEET PER MINUTE
FOS	FUEL OIL SUPPLY
FOR	FUEL OIL RETURN
FTT	FINNED TUBE RADIATION
FTT	FLAT TOP TRANSITION
FT	FEET
GAL	GALLONS
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
GV	GATE VALVE
HC	HEATING COIL
HP	HEAT PUMP
HP	HORSEPOWER
HVAC	HEATING, VENTILATION, AND AIR CONDITIONING
HV	HEATING & VENTILATING UNIT
HHE	HEATING WATER HEAT EXCHANGER
HE	HEAT EXCHANGER
HWP	HOT WATER PUMP
HW	HOT WATER
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HZ	HERTZ
IN	INCHES
IRV	INTAKE ROOF VENT
KEF	KITCHEN EXHAUST FAN
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
LD	LINEAR DIFFUSER
LF	LINEAR FEET
LPH	LOUVERED PENTHOUSE
LPS	LOW PRESSURE STEAM
LRA	LOCKED ROTOR AMPS
LWT	LEAVING WATER TEMPERATURE
MAU	MAKE-UP AIR UNIT
MAX	MAXIMUM
MBH	THOUSANDS OF BTUS PER HOUR
MCA	MINIMUM CIRCUIT AMPS
MOTORIZED DAMPER	MOTORIZED DAMPER
MECH	MECHANICAL
MIN	MINIMUM
MOCP	MAXIMUM OVER CURRENT PROTECTION
MTD	MOUNTED
N/A	NOT APPLICABLE
NC	NORMALLY CLOSED
NEZV	NON-ELECTRIC ZONE VALVE
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OAT	OUTSIDE AIR TEMPERATURE
OB	OPPOSED BLADE DAMPER
OD	OUTSIDE DIAMETER
P	PUMP
PD	PRESSURE DROP
PSI	POUNDS PER SQUARE INCH GA.
PR	PANEL RADIATOR
PRV	PRESSURE REDUCING VALVE
PTAC	PACKAGED TERMINAL AIR CONDITIONER
R	RETURN
RA	RETURN AIR
REF	ROOF EXHAUST FAN
REQD.	REQUIRED
RH	RELATIVE HUMIDITY
RLA	REHEAT COIL
RLA	ROOM LOAD AMPS
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RTU	ROOF TOP UNIT
RVD	REMOTE CONTROLLED VOLUME DAMPER
S	SUPPLY
SA	SUPPLY AIR
SA	SOUND ATTENUATOR
SAT	SUPPLY AIR TEMPERATURE
SCT	SATURATED CONDENSING TEMPERATURE
SD	SMOKE DAMPER
SF	SQUARE FEET
SH	STEAM HUMIDIFIER
SFD	SMOKE/FIRE DAMPER
S&L	SUCTION & LIQUID REFRIGERENT LINE
SP	STATIC PRESSURE
SQ	SQUARE
SST	SATURATED SUCTION TEMPERATURE
STL	STEEL
T	THERMOSTAT
T.B.D.	TO BE DEMOLISHED
TU	TERMINAL UNIT
TYP.	TYPICAL
UC	UNDERCUT DOOR 3/4" (MIN.)
UH	UNIT HEATER
UV	UNIT VENTILATOR
VAV	VARIABLE AIR VOLUME
VD	VOLUME DAMPER
VFD	VARIABLE FREQUENCY DRIVE
WI	WITH
WO	WITHOUT
WB	WET BULB TEMPERATURE
WG	WATER GAUGE
WMS	WIRE MESH SCREEN
ZV	ZONE VALVE
ZH	ZONE HEATER

MECHANICAL SHEET LIST	
M000	MECHANICAL LEGEND & ABBREVIATIONS
M100	MECHANICAL - DEMOLITION - FIRST FLOOR OVERALL
M101	MECHANICAL - DEMOLITION - FIRST FLOOR PARTIAL PLAN 'A'
M102	MECHANICAL - DEMOLITION - FIRST FLOOR PARTIAL PLAN 'B'
M200	MECHANICAL - FIRST FLOOR OVERALL
M201	MECHANICAL - FIRST FLOOR PARTIAL PLAN 'A'
M202	MECHANICAL - FIRST FLOOR PARTIAL PLAN 'B'
M300	MECHANICAL ISOMETRIC PLAN 'A'
M301	MECHANICAL ISOMETRIC PLAN 'B'
M600	MECHANICAL DETAILS
M700	MECHANICAL SCHEDULES
M800	MECHANICAL SPECIFICATIONS

HVAC DESIGN CRITERIA	
OUTDOOR DESIGN CONDITIONS:	
SUMMER - 90.1°F DB, 73.2°F WB	
WINTER - 6.5°F	
HUMIDITY - 73.2 %	
INDOOR DESIGN CONDITIONS:	
SUMMER - 74°F	
WINTER - 70°F	

GENERAL NOTES	
1.	SCOPE OF WORK SHALL INCLUDE ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, TRANSPORTATION, HOISTING, RIGGING, INSURANCE, REFRIGERANT, GLYCOL, ETC. TO PERFORM THE WORK AS INDICATED ON THE DRAWINGS AND HEREIN SPECIFIED FOR A COMPLETE AND FULLY OPERABLE INSTALLATION. ALL WORK SHALL BE IN ACCORDANCE WITH NATIONAL, STATE AND LOCAL CODES AND ORDINANCES HAVING JURISDICTION, AS INTERPRETED BY THE ARCHITECT/ENGINEER.
2.	MECHANICAL EQUIPMENT AND SUCH OTHER APPARATUS AS MAY BE REQUIRED FOR MAINTENANCE AND OPERATION FROM TIME TO TIME SHALL BE MADE EASILY ACCESSIBLE ALTHOUGH THE EQUIPMENT MAY BE SHOWN ON THE DRAWINGS ON CERTAIN LOCATIONS, THE CONSTRUCTION MAY DISCLOSE THAT SUCH LOCATIONS DO NOT MAKE ITS POSITION READILY ACCESSIBLE. IN SUCH CASES, THE OWNER OR HIS REPRESENTATIVE SHALL BE NOTIFIED BEFORE ADVANCING THE CONSTRUCTION TO A STAGE WHERE A CHANGE WILL REFLECT ADDITIONAL EXPENSE.
3.	THE DRAWINGS SHOW THE LAYOUT OF THE MECHANICAL SYSTEMS AND INDICATE THE APPROXIMATE LOCATIONS OF DUCTWORK, PIPING, BRANCHES AND ELBOWS, AND EQUIPMENT. THE RUNS AND QUANTITY OF DUCTWORK, PIPING, OFFSETS AND ELBOWS AS SHOWN ON THE DRAWINGS ARE DIAGRAMMATIC ONLY. THE EXACT ROUTING OF QUANTITY DUCTWORK, PIPING, OFFSETS AND ELBOWS SHALL BE DETERMINED BY THE STRUCTURAL CONDITIONS, POSSIBLE OBSTRUCTIONS AND COORDINATION DRAWINGS. THIS SHALL NOT BE CONSTRUED TO MEAN THAT THE DESIGN OF THE SYSTEMS MAY BE CHANGED, BUT REFERS ONLY TO EXACT ROUTING BETWEEN GIVEN POINTS.
4.	IT SHALL BE THE RESPONSIBILITY OF THE HVAC CONTRACTOR TO STUDY ALL DRAWINGS AND DETAILS SO THAT THE INSTALLATION OF ALL NEW WORK CAN BE FULLY COORDINATED, COORDINATE WITH ALL TRADES TO AVOID INTERFERENCE BETWEEN THE HVAC INSTALLATION AND THE SYSTEMS AND EQUIPMENT OF OTHER TRADES.
5.	HVAC WORK IS INDICATED DIAGRAMMATICALLY. EXACT LOCATION OF ALL COMPONENTS ARE TO BE DETERMINED IN THE FIELD AND BY THE ACTUAL BUILDING CONDITIONS. EQUIPMENT, DUCTS OR PIPES INTERFERING WITH OTHER INSTALLATIONS SHALL BE RELOCATED AS REQUIRED AT NO ADDITIONAL COST.
6.	HVAC CONTRACTOR SHALL COORDINATE ALL WALL, CEILING, FLOOR, ROOF AND BEAM PENETRATIONS WITH ARCHITECT AND STRUCTURAL ENGINEER.
7.	PRODUCTS REQUIRED BY CONSTRUCTION BUT NOT SPECIFICALLY DESCRIBED HEREIN SHALL BE AS SELECTED BY THE CONTRACTOR SUBJECT TO THE APPROVAL OF THE A/E.
8.	PROVIDE AND INSTALL ALL MATERIALS, LABOR, EQUIPMENT, AND ACCESSORIES FOR COMPLETE AND OPERABLE SYSTEMS AND AS REQUIRED BY THE EQUIPMENT MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS INDICATED ON THE DRAWINGS.
9.	INSTALLATION OF THE HVAC SYSTEM SHALL PERMIT ACCESSIBILITY FOR SERVICE AND/OR REPLACEMENT OF EQUIPMENT.
10.	PROVIDE DUCT ACCESS DOORS FOR ALL MOTORIZED DAMPERS, AIR FLOW STATIONS, FIRE & SMOKE DAMPERS, DUCT SMOKE DETECTORS, THE ENTERING SIDE OF EVERY COIL, AND AT ALL OTHER LOCATIONS WHERE COMPONENTS ARE INSTALLED WITHIN DUCTWORK REGARDLESS OF WHETHER OR NOT AN ACCESS IS INDICATED ON THE FLOOR PLANS.
11.	ALL MISCELLANEOUS STRUCTURAL SUPPORTS REQUIRED FOR HVAC EQUIPMENT INSTALLATION SHALL BE PROVIDED BY MECHANICAL CONTRACTOR.
12.	INSTALL ALL PIPING BELOW DUCTWORK UNLESS CLEARANCE CONDITION REQUIRES PIPING TO BE ABOVE.
13.	WHERE DUCTWORK PENETRATES ANY SMOKE AND/OR FIRE RATED PARTITIONS PROVIDE UL LISTED DYNAMIC FIRE AND/OR SMOKE DAMPERS PER NFPA GUIDELINES. INSTALL DAMPER PER MANUFACTURER'S INSTRUCTIONS AND INSTALL DUCT AND ARCHITECTURAL ACCESS FOR EVERY DAMPER.
14.	ALL CEILING MOUNTED EQUIPMENT SHALL BE INSTALLED IN SUCH A WAY THAT LIGHTS, PIPING, AND DUCTWORK DO NOT BLOCK ACCESS TO UNITS AND RELATED ACCESSORIES.
15.	EXACT ELEVATION FOR SIDE WALL DIFFUSERS, REGISTERS AND GRILLES SHALL BE APPROVED BY THE ARCHITECT BEFORE INSTALLATION.
16.	INSTALL ROOM THERMOSTATS OR SENSORS 48" (MAXIMUM) ABOVE FINISHED FLOOR OR AS OTHERWISE DIRECTED BY THE ARCHITECT.
17.	THE MECHANICAL CONTRACTOR SHALL INCLUDE IN HIS BID AND SECURE THE SERVICES OF THE PROJECT ELECTRICAL CONTRACTOR FOR INCIDENTAL LINE VOLTAGE REQUIRED FOR AUTOMATIC TEMPERATURE CONTROLS.
18.	ALL MOTORS SHALL BE PREMIUM EFFICIENCY. ALL MOTORS SPECIFIED FOR SERVICE WITH A VFD SHALL BE RATED FOR INVERTER DUTY AND SHALL INCLUDE MANUFACTURER'S INTEGRAL MOTOR SHAFT GROUNDING PROTECTION. FIELD INSTALLED RINGS ARE NOT ACCEPTABLE.
19.	THIS PROJECT MUST FOLLOW ALL LEED REQUIREMENTS FOR PROTECTION OF SYSTEMS AND EQUIPMENT DURING CONSTRUCTION, AS WELL AS ALL OTHER PROVISIONS. ANY TEST PERFORMED WITHOUT SCHEDULING WITH THE COMMISSIONING AGENT SHALL BE REPEATED AT THE CONVENIENCE OF AND TO THE SATISFACTION OF THE COMMISSIONING AGENT (CXA).
20.	THE MECHANICAL CONTRACTOR SHALL FOLLOW ALL FM GLOBAL CONSTRUCTION AND SAFETY PROCEDURES.
21.	THE MECHANICAL CONTRACTOR MUST COORDINATE THE COMPONENTS AND PROGRAMMING OF THEIR EQUIPMENT VENDORS AND THEIR A/C SUBCONTRACTOR. CONTROL SEQUENCES SHALL BE TESTED AND CORRECTED TO THE SATISFACTION OF THE COMMISSIONING AGENT (CXA) AND ENGINEER.
22.	THE MECHANICAL CONTRACTOR MUST INCLUDE COMPLETE TESTING, ADJUSTING AND BALANCING OF EVERY COMPONENT. ENTERING WATER TEMPERATURE, LEAVING WATER TEMPERATURE, GPM AND PRESSURE DROP READINGS ARE REQUIRED AT EVERY COIL AND COMPONENT. ABSOLUTELY NO AUTOMATIC BALANCING VALVES WILL BE ALLOWED. EVERY AIR SYSTEM MUST BE TESTED, ADJUSTED AND BALANCED. ENTERING AIR TEMPERATURE, LEAVING AIR TEMPERATURE, AND APO THROUGH EACH COIL IS REQUIRED WITH CORRESPONDING WATER SIDE INFORMATION. CFM FLOW WILL BE MEASURED AND CHECKED AGAINST AIR FLOW STATION READINGS TO CALIBRATE AIR FLOW STATIONS. CFM AIR FLOW AND PRESSURE MUST BE MEASURED IN MAIN AND BRANCH DUCTS. DIFFUSER AND REGISTER AIRFLOW SHALL BE MEASURED AT EACH DEVICE AND ADJUSTMENTS MADE. INITIAL, ADJUSTED AND FINAL READINGS SHALL BE RECORDED. CONDITIONS AT TIME OF TESTING MUST INCLUDE OUTDOOR AIR TEMPERATURE, MODE OF SYSTEM CONDITION OF FILTERS, CONDITION OF EQUIPMENT, AND ANY OTHER RELEVANT INFORMATION. DOCUMENT ALL PROBLEMS FOUND OR CONDITIONS WHICH IMPACT RESULTS OF BALANCING. RECORD ALL MOTOR POWER DATA AND FAN RPM'S. MARK ALL BALANCED SETTINGS IN PERMANENT INK ON THE VALVE, VOLUME DAMPER, OR SPEED DIAL.

Creative
DIVISION OF THE REISE GROUP
HVAC - ELECTRICAL - PLUMBING - FIRE PROTECTION
888A CREATIVE ENVIRONMENT CORP.
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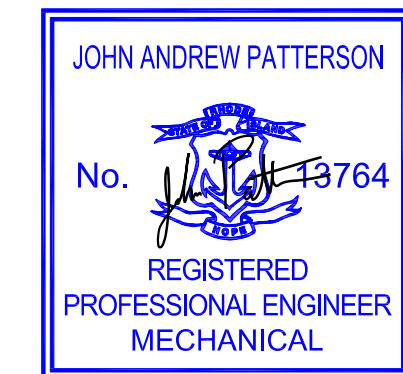
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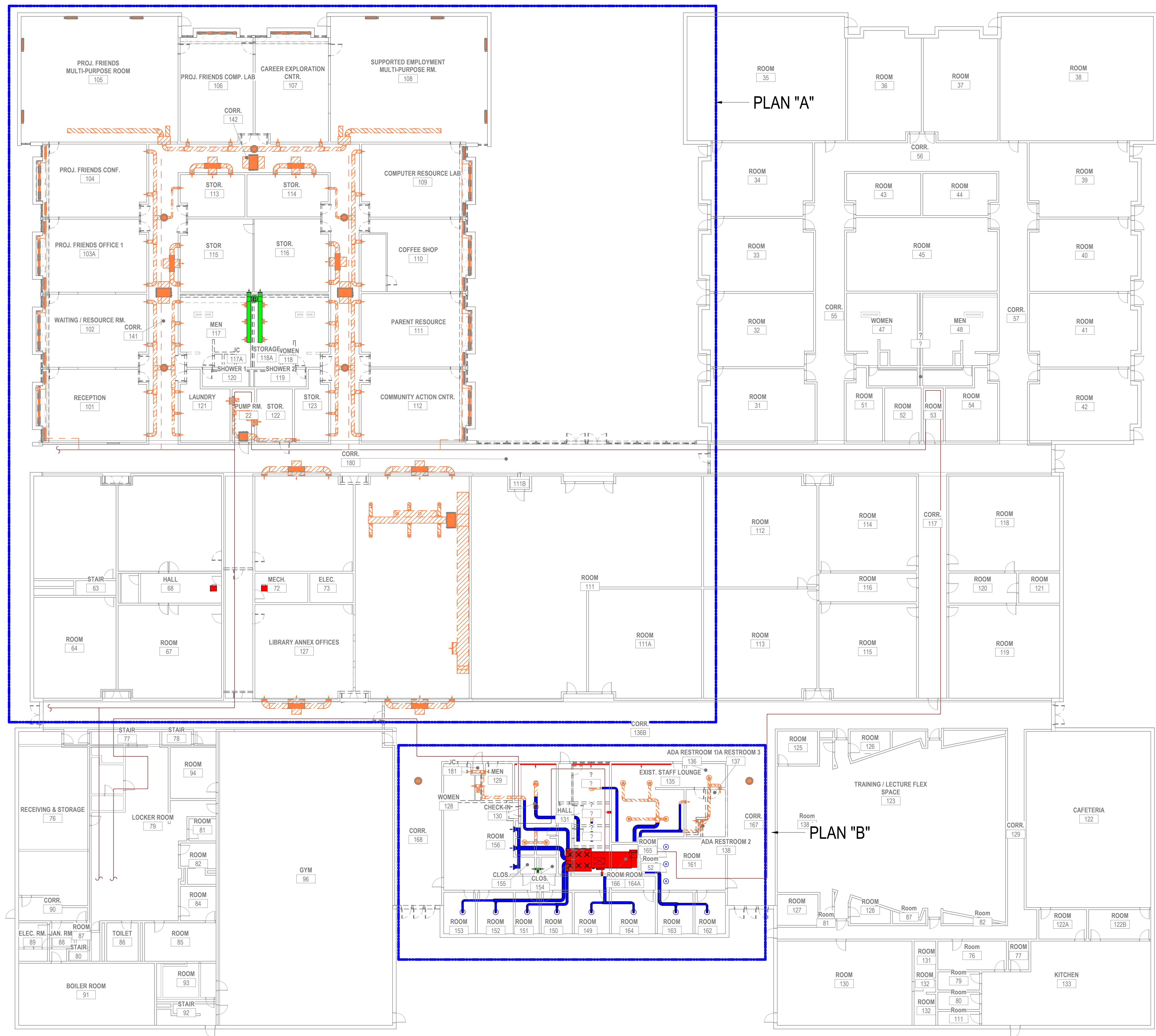
Revised on

MECHANICAL GENERAL SHEET NOTES

1. DRAWINGS ARE INTENDED TO BE PLOTTED IN COLOR FOR CLARITY.
2. EXISTING DUCTWORK AND MECHANICAL EQUIPMENT IS BASED ON PROVIDED ENGINEERED DRAWINGS. EXISTING CONDITIONS WERE VERIFIED TO THE EXTENT POSSIBLE, BUT EXISTING PLANS IS TO BE VERIFIED IN THE FIELD.
3. MECHANICAL CONTRACTOR TO COORDINATE WITH PLUMBING CONTRACTOR.
4. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK.
5. DEMOLISHED EQUIPMENT IS NOT INTENDED FOR REUSE.
6. OVERALL PLANS ARE SHOWN ON M100 TO CLARIFY FULL SCOPE. REFER TO M101 AND M102 FOR ENLARGED PLANS WITH TAGS AND DIMENSIONS.

SHEET LEGEND

SYMBOL/ COLOR	DESCRIPTION
	DEMOLISH
	EXISTING (COLOR IS HALFTONE)
	SUPPLY DUCTWORK
	RETURN DUCTWORK
	EXHAUST DUCTWORK



1 MECHANICAL - DEMOLITION - FIRST FLOOR OVERALL
 M100 1/16" = 1'-0"
 0 8' 16' 32'

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Architecture - Project Management - Interior Design

Project

**Coventry Dep. of Public Works
 Coventry Town Hall Annex**



1675 Flat River Road
 Coventry, RI 02816

Drawing Status
CONSTRUCTION DOCUMENTS

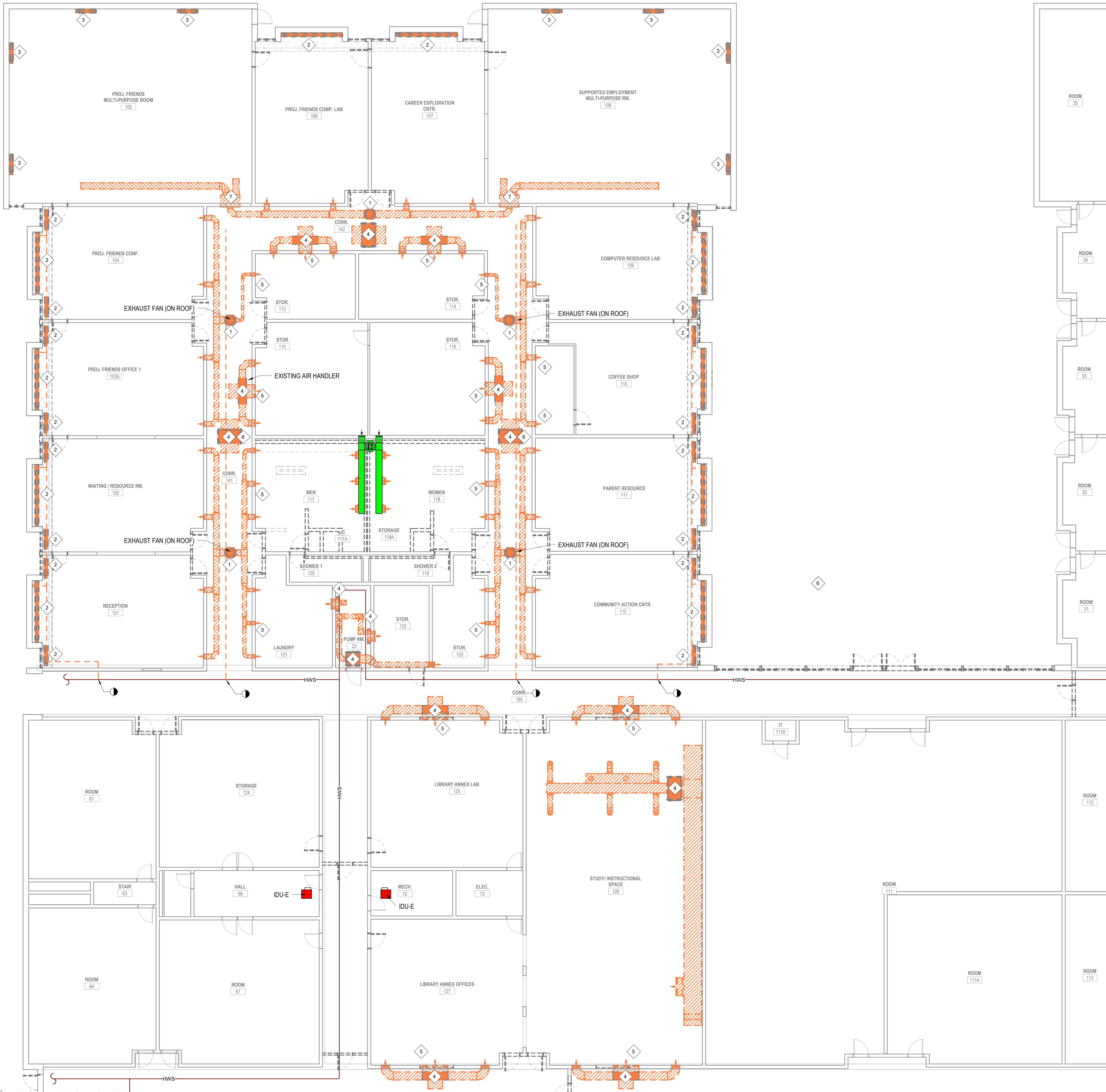
Issued On 08/28/2024

Sheet Contents
MECHANICAL - DEMOLITION - FIRST FLOOR OVERALL

Project Number. 6834

Drawing No. **M100**

Sheet of



- ### MECHANICAL GENERAL SHEET NOTES
- DRAWINGS ARE INTENDED TO BE PLOTTED IN COLOR FOR CLARITY.
 - EXISTING DUCTWORK AND MECHANICAL EQUIPMENT IS BASED ON PROVIDED ENGINEERED DRAWINGS. EXISTING CONDITIONS WERE VERIFIED TO THE EXTENT POSSIBLE, BUT EXISTING PLAN IS TO BE VERIFIED IN THE FIELD.
 - MECHANICAL CONTRACTOR TO COORDINATE WITH PLUMBING CONTRACTOR.
 - CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK.
 - DEMOLISHED EQUIPMENT IS NOT INTENDED FOR REUSE.
 - ALL EXISTING WALL-MOUNTED GRILLES AND DIFFUSERS ARE TO REMAIN UNLESS OTHERWISE NOTED.
 - HYDRONIC PIPING, VALVES, THERMOSTATS, AND ALL ASSOCIATED APPURTENANCES IN THE AREAS TO BE HEATED WITH THE NEW VRF SYSTEM SHALL BE REMOVED, AND THE PIPING SHALL BE REMOVED AND CAPPED AT THE MAIN PRIMARY LOOP.
 - ALL ASSOCIATED CONNECTIONS, I.E. HANGERS, UNISTRUT, ETC. IS TO BE REMOVED WITH ANY OF THE DEMOLISHED EQUIPMENT AND DUCTWORK.

- ### KEYNOTE LEGEND
- EXISTING EXHAUST FAN MOUNTED ON THE ROOF SHALL BE REMOVED IN ITS ENTIRETY. THE CURB SHALL REMAIN IN PLACE AND SHALL BE MADE WATERPROOF VIA A ROOF MEMBRANE OR OTHER APPROVED METHOD. GENERAL CONTRACTOR TO COORDINATE WITH ROOF MANUFACTURER TO MAINTAIN WARRANTY FOR THE ROOF.
 - EXISTING HYDRONIC RADIATOR TO BE REMOVED ALONG WITH THE ASSOCIATED PIPING. HYDRONIC PIPING IN THIS AREA SHALL BE REMOVED TO THE PRIMARY PIPING LOOP AS STATED IN THE GENERAL NOTE. PIPING IN THE FLOOR SHALL BE CUT AND CAPPED TO THE FLOOR.
 - EXISTING UNIT VENTILATOR TO BE REMOVED ALONG WITH THE ASSOCIATED PIPING. HYDRONIC PIPING IN THIS AREA SHALL BE REMOVED TO THE PRIMARY PIPING LOOP AS STATED IN THE GENERAL NOTE. PIPING IN THE FLOOR SHALL BE CUT AND CAPPED TO THE FLOOR.
 - EXISTING AIR HANDLER SHALL BE DEMOLISHED AND REMOVED IN ITS ENTIRETY. EXISTING PIPING AND APPURTENANCES SHALL ALSO BE REMOVED TO CLEAR THE CEILING SPACE FOR NEW DUCTWORK.
 - EXISTING GRILLE TO BE DEMOLISHED AND WALL SHALL BE PATCHED AS REQUIRED.
 - EXISTING ROOF PENETRATION IS TO BE REUSED FOR NEW EQUIPMENT. GENERAL CONTRACTOR IS TO PROTECT THE OPENING PENETRATION THROUGH THE ROOF UNTIL THE NEW EQUIPMENT IS INSTALLED TO MAKE THE ENVELOPE WEATHER TIGHT. GENERAL CONTRACTOR TO COORDINATE WITH ROOF MANUFACTURER TO MAINTAIN WARRANTY FOR THE ROOF.
 - EXISTING WALL PENETRATION IS TO BE REUSED FOR RETURN DUCTWORK. A MODIFICATION TO THE OPENING TO FIT 14"x10" DUCTWORK WITH INSULATION SHALL BE INCLUDED.

SHEET LEGEND

SYMBOL / COLOR	DESCRIPTION
	DEMOLISH
	EXISTING (COLOR IS HALFTONE)
	SUPPLY DUCTWORK
	RETURN DUCTWORK
	EXHAUST DUCTWORK

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Drawn by: TMW
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Architecture - Project Management - Interior Design

Project

**Coventry Dep. of Public Works
 Coventry Town Hall Annex**

1675 Flat River Road
 Coventry, RI 02816

Drawing Status
CONSTRUCTION DOCUMENTS

Issued On: 08/28/2024

Sheet Contents
MECHANICAL - DEMOLITION - FIRST FLOOR PARTIAL PLAN 'A'

Project Number: 6834

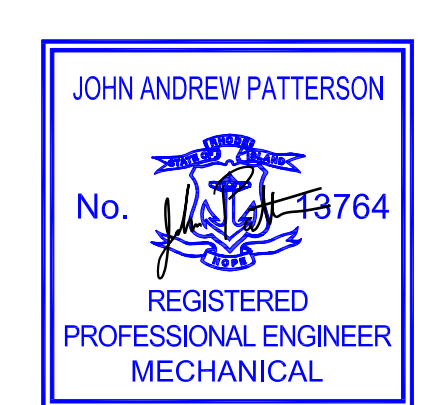
Drawing No. **M101**

1 M101 1/8" = 1'-0"
 0 4 8 16'

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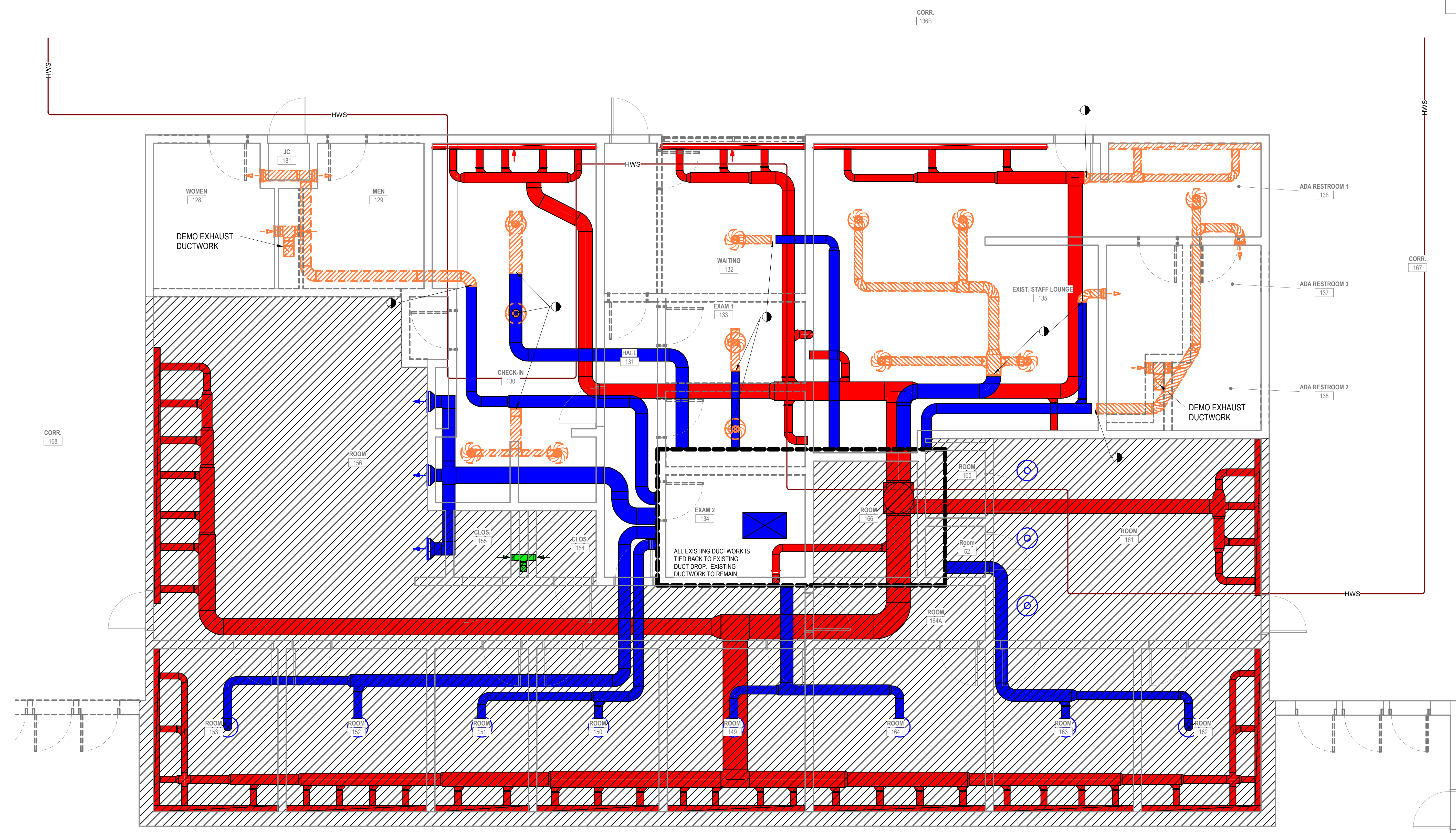
Drawn by TMW
Checked by JAP
Revised on

MECHANICAL GENERAL SHEET NOTES

- DRAWINGS ARE INTENDED TO BE PLOTTED IN COLOR FOR CLARITY.
- EXISTING DUCTWORK AND MECHANICAL EQUIPMENT IS BASED ON PROVIDED ENGINEERED DRAWINGS. EXISTING CONDITIONS WERE VERIFIED TO THE EXTENT POSSIBLE, BUT EXISTING PLAN IS TO BE VERIFIED IN THE FIELD.
- MECHANICAL CONTRACTOR TO COORDINATE WITH PLUMBING CONTRACTOR.
- CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK.
- DEMOLISHED EQUIPMENT IS NOT INTENDED FOR REUSE.
- PRIMARY HOT WATER LOOP LOCATIONS WERE NOT VISIBLE IN FIELD. IT IS ASSUMED BOTH PRIMARY AND SECONDARY HOT WATER LOOPS ARE OUT OF SCOPE IN THIS DRAWING.
- ALL ASSOCIATED CONNECTIONS, I.E. HANGERS, UNISTRUT, ETC. IS TO BE REMOVED WITH ANY OF THE DEMOLISHED EQUIPMENT AND DUCTWORK.

SHEET LEGEND

SYMBOL/ COLOR	DESCRIPTION
	DEMOLISH
	EXISTING (COLOR IS HALFTONE)
	SUPPLY DUCTWORK
	RETURN DUCTWORK
	EXHAUST DUCTWORK



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Issued On 08/28/2024

Sheet Contents
MECHANICAL - DEMOLITION - FIRST FLOOR PARTIAL PLAN 'B'

Project Number. 6834

Drawing No. **M102**

Sheet of

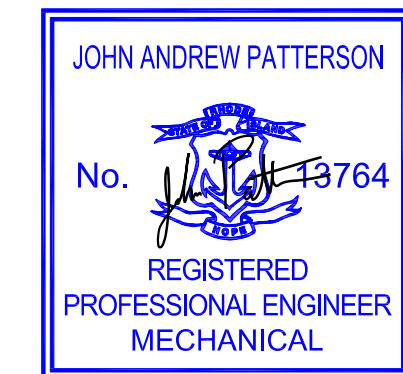
1 M102 MECHANICAL - DEMOLITION - FIRST FLOOR PARTIAL PLAN 'B'
1/4" = 1'-0"
0 4' 8' 16'

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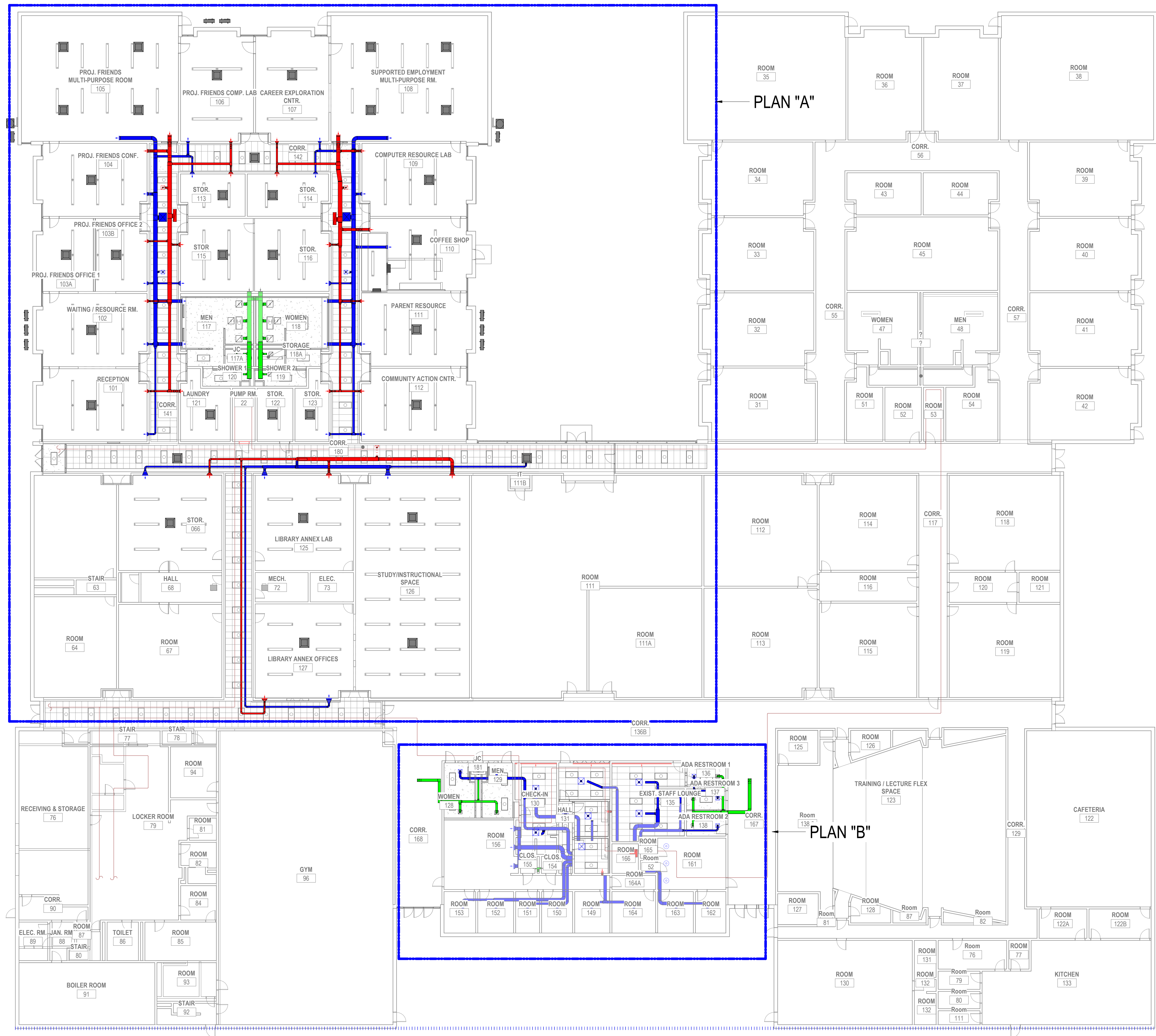
Drawn by TMW
 Checked by JAP
 Revised on

MECHANICAL GENERAL SHEET NOTES

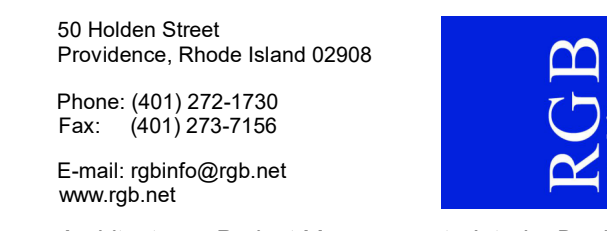
- DUCTWORK SHOWING ON EXISTING PLAN IS TO BE VERIFIED IN THE FIELD.
- MECHANICAL CONTRACTOR TO COORDINATE WITH PLUMBING CONTRACTOR.
- CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK.
- DEMOLISHED EQUIPMENT IS NOT INTENDED FOR REUSE.
- OVERALL PLANS ARE SHOWN ON M200 TO CLARIFY FULL SCOPE. REFER TO M201 AND M202 FOR ENLARGED PLANS WITH TAGS AND DIMENSIONS

SHEET LEGEND

SYMBOL/ COLOR	DESCRIPTION
	DEMOLISH
	EXISTING (COLOR IS HALFTONE)
	SUPPLY DUCTWORK
	RETURN DUCTWORK
	EXHAUST DUCTWORK



1 MECHANICAL - FLOOR - FIRST FLOOR OVERALL
 M200 1/16" = 1'-0"



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MECHANICAL - FIRST FLOOR OVERALL

Project Number. 6834

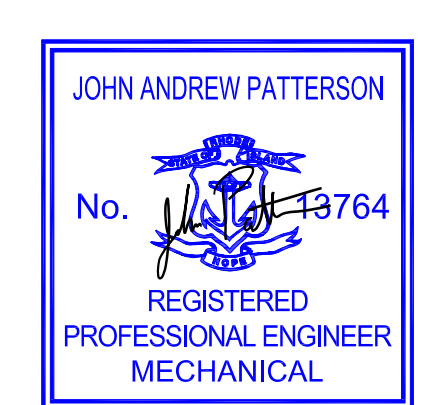
Drawing No. M200

Sheet of

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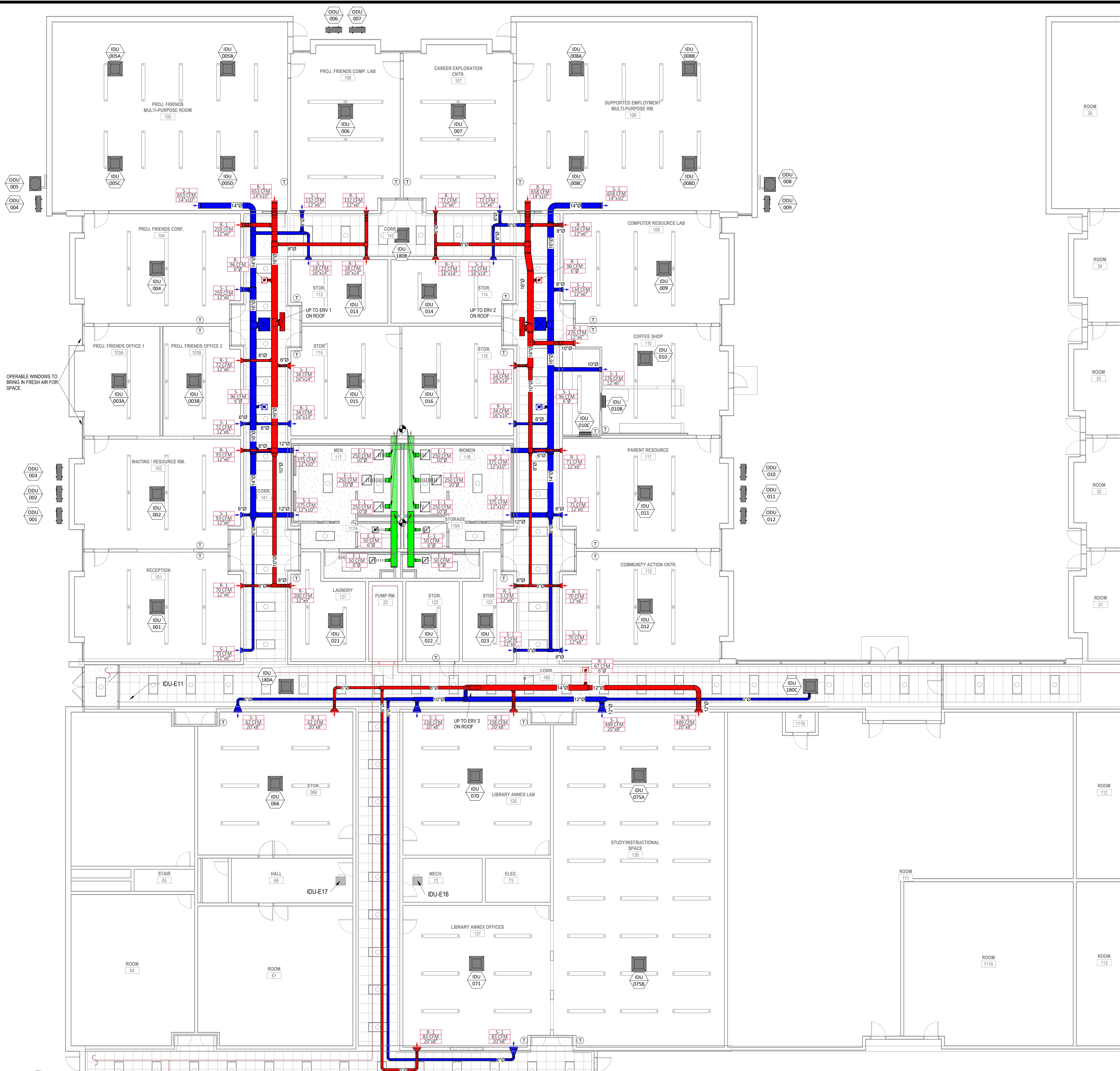
Drawn by: TMW
Checked by: JAP
Revised on:

MECHANICAL GENERAL SHEET NOTES

1. DRAWINGS ARE INTENDED TO BE PLOTTED IN COLOR FOR CLARITY.
2. DUCTWORK SHOWING ON EXISTING PLAN IS TO BE VERIFIED IN THE FIELD.
3. MECHANICAL CONTRACTOR TO COORDINATE WITH PLUMBING CONTRACTOR.
4. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK.
5. DEMOLISHED EQUIPMENT IS NOT INTENDED FOR REUSE.
6. THE MOUNTING HEIGHTS OF ALL IDUS SHALL BE WITH THE BOTTOM OF THE BAR JOISTS UNLESS OTHERWISE NOTED.

SHEET LEGEND

SYMBOL COLOR	DESCRIPTION
	DEMOLISH
	EXISTING (COLOR IS HALFTONE)
	SUPPLY DUCTWORK
	RETURN DUCTWORK
	EXHAUST DUCTWORK



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CONSTRUCTION DOCUMENTS

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Sheet Contents
MECHANICAL - FIRST FLOOR PARTIAL PLAN 'A'

Project Number. 6834

Drawing No. **M201**

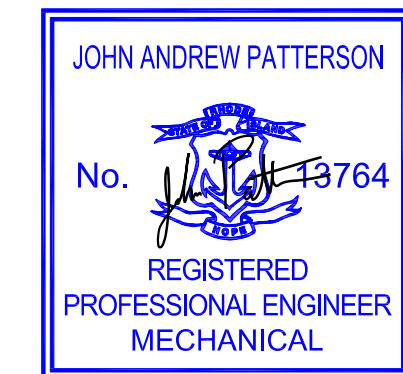
Sheet of

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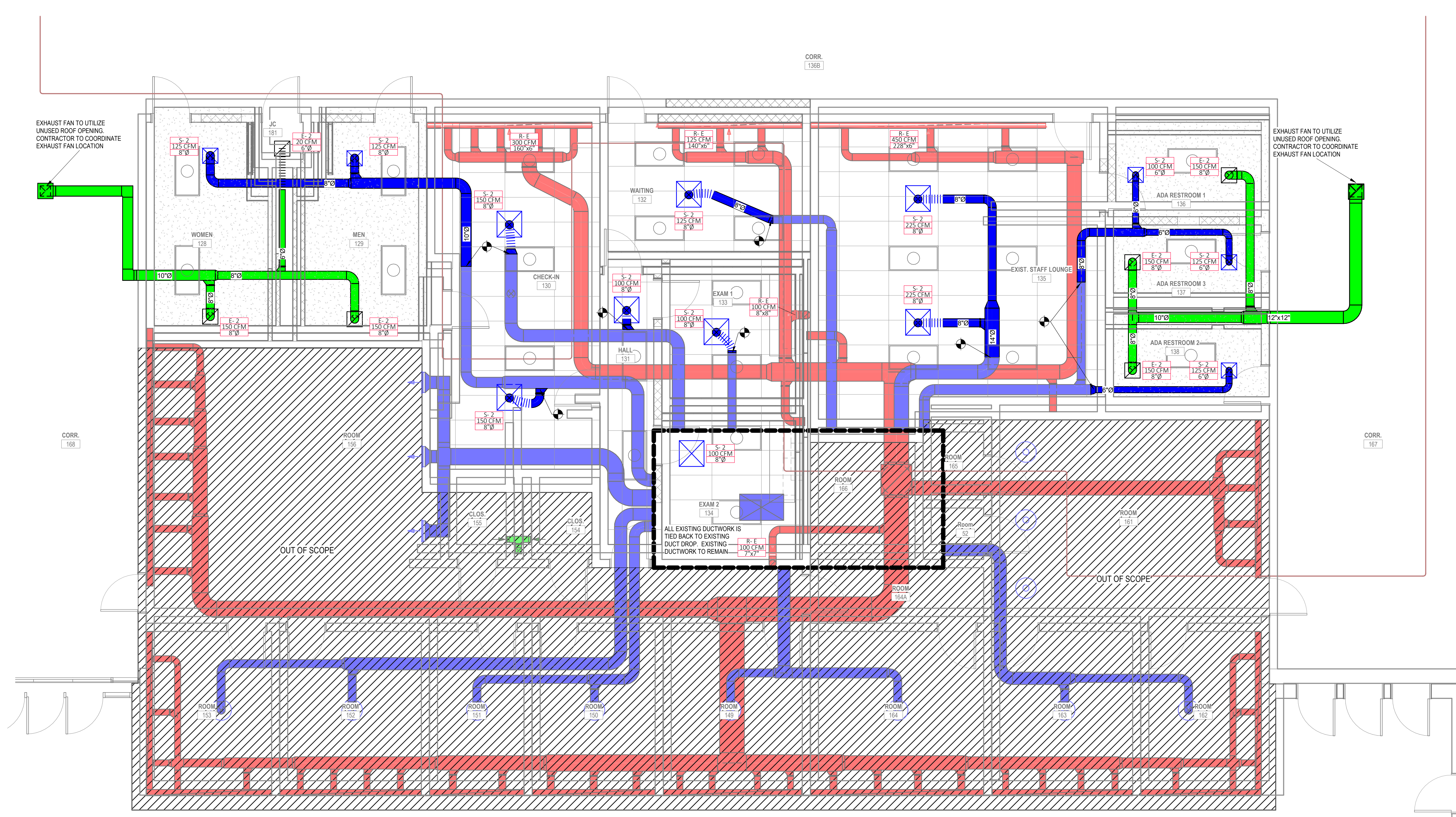
Revised on

MECHANICAL GENERAL SHEET NOTES

- DRAWINGS ARE INTENDED TO BE PLOTTED IN COLOR FOR CLARITY.
- DUCTWORK SHOWING ON EXISTING PLAN IS TO BE VERIFIED IN THE FIELD.
- MECHANICAL CONTRACTOR TO COORDINATE WITH PLUMBING CONTRACTOR.
- CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK.
- CONTRACTOR TO CONFIRM SUPPLY AIR TEMP IS MAXIMUM 55 DEG F IN COOLING AND MINIMUM 90 IN HEATING MODE.
- CONTRACTOR TO VERIFY EACH AIR OUTLET IS PROVIDED WITH A VOLUME DAMPER IN NECK OF DUCTWORK.
- DEMOLISHED EQUIPMENT IS NOT INTENDED FOR REUSE.
- THE MOUNTING HEIGHTS OF ALL IDUS SHALL BE WITH THE BOTTOM OF THE BAR JOISTS UNLESS OTHERWISE NOTED.

SHEET LEGEND

SYMBOL/ COLOR	DESCRIPTION
	DEMOLISH
	EXISTING (COLOR IS HALFTONE)
	SUPPLY DUCTWORK
	RETURN DUCTWORK
	EXHAUST DUCTWORK



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Sheet Contents
MECHANICAL - FIRST FLOOR PARTIAL PLAN 'B'

Project Number. 6834

Drawing No. **M202**

Sheet of

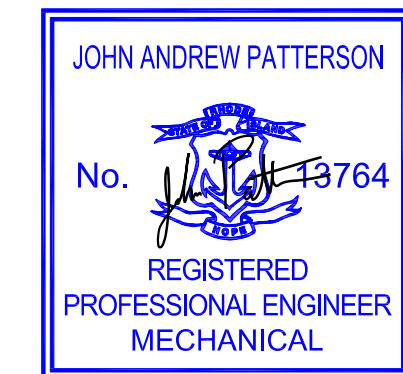
1 MECHANICAL - FLOOR - FIRST FLOOR PARTIAL PLAN 'B'
M202
1/4" = 1'-0"

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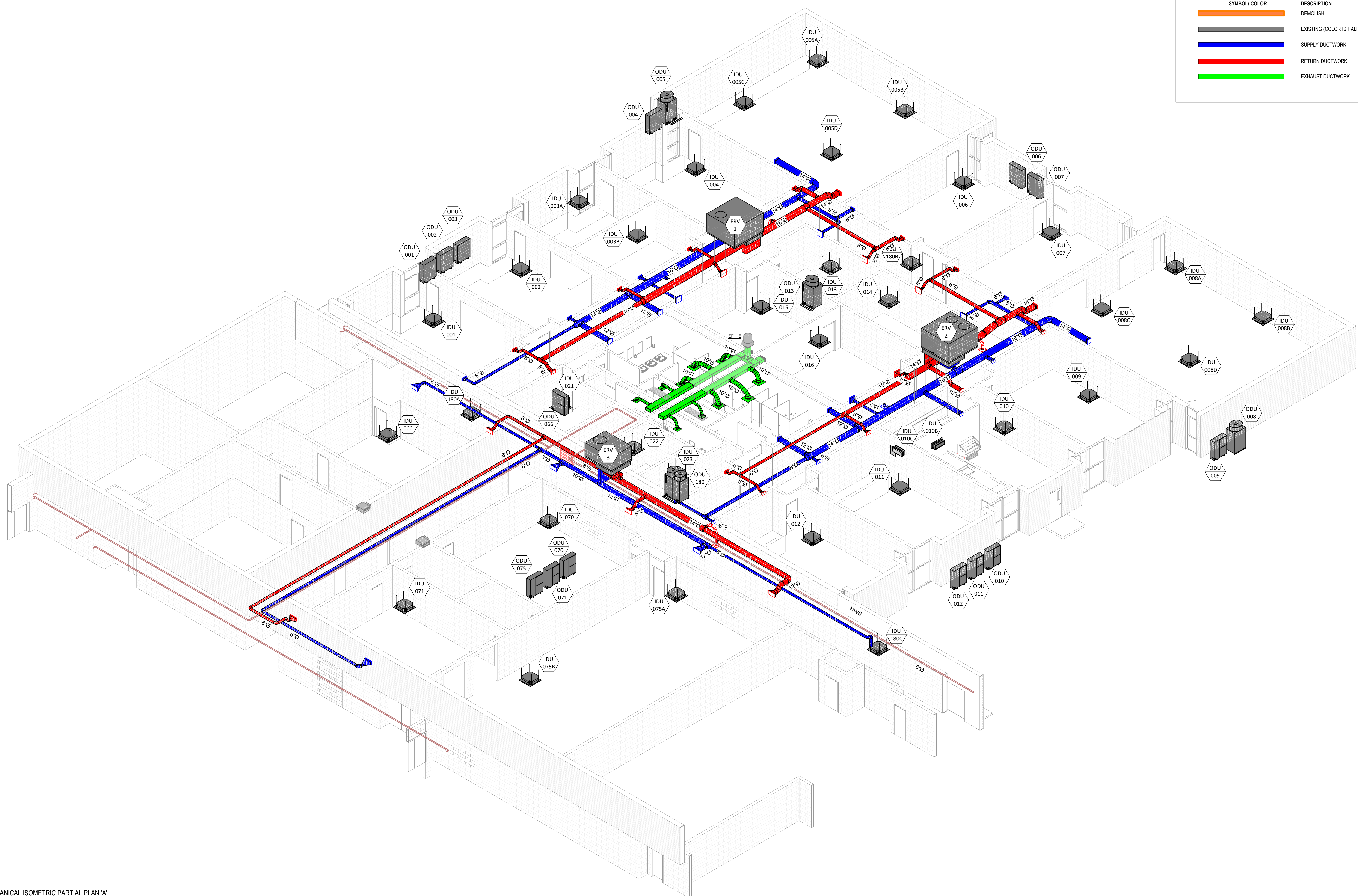
Revised on

MECHANICAL GENERAL SHEET NOTES

- DRAWINGS ARE INTENDED TO BE PLOTTED IN COLOR FOR CLARITY.
- DUCT FITTINGS SHOWN ON ISOMETRIC PLANS ARE FOR DIAGRAMMATICAL PURPOSES ONLY.

SHEET LEGEND

SYMBOL COLOR	DESCRIPTION
	DEMOLISH
	EXISTING (COLOR IS HALFTONE)
	SUPPLY DUCTWORK
	RETURN DUCTWORK
	EXHAUST DUCTWORK



1 MECHANICAL ISOMETRIC PARTIAL PLAN 'A'
M500



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MECHANICAL ISOMETRIC PLAN 'A'

Project Number. 6834






Drawing No. **M500**

Sheet of

MECHANICAL GENERAL SHEET NOTES

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- DUCT FITTINGS SHOWN ON ISOMETRIC PLANS ARE FOR DIAGRAMMATICAL PURPOSES ONLY.

SHEET LEGEND

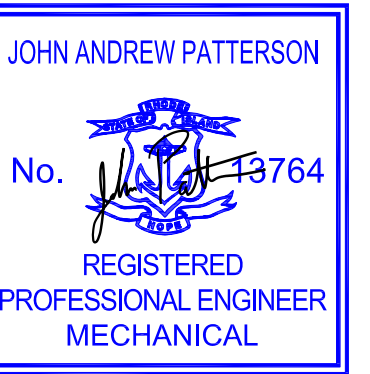
SYMBOL/ COLOR	DESCRIPTION
	DEMOLISH
	EXISTING (COLOR IS HALFTONE)
	SUPPLY DUCTWORK
	RETURN DUCTWORK
	EXHAUST DUCTWORK

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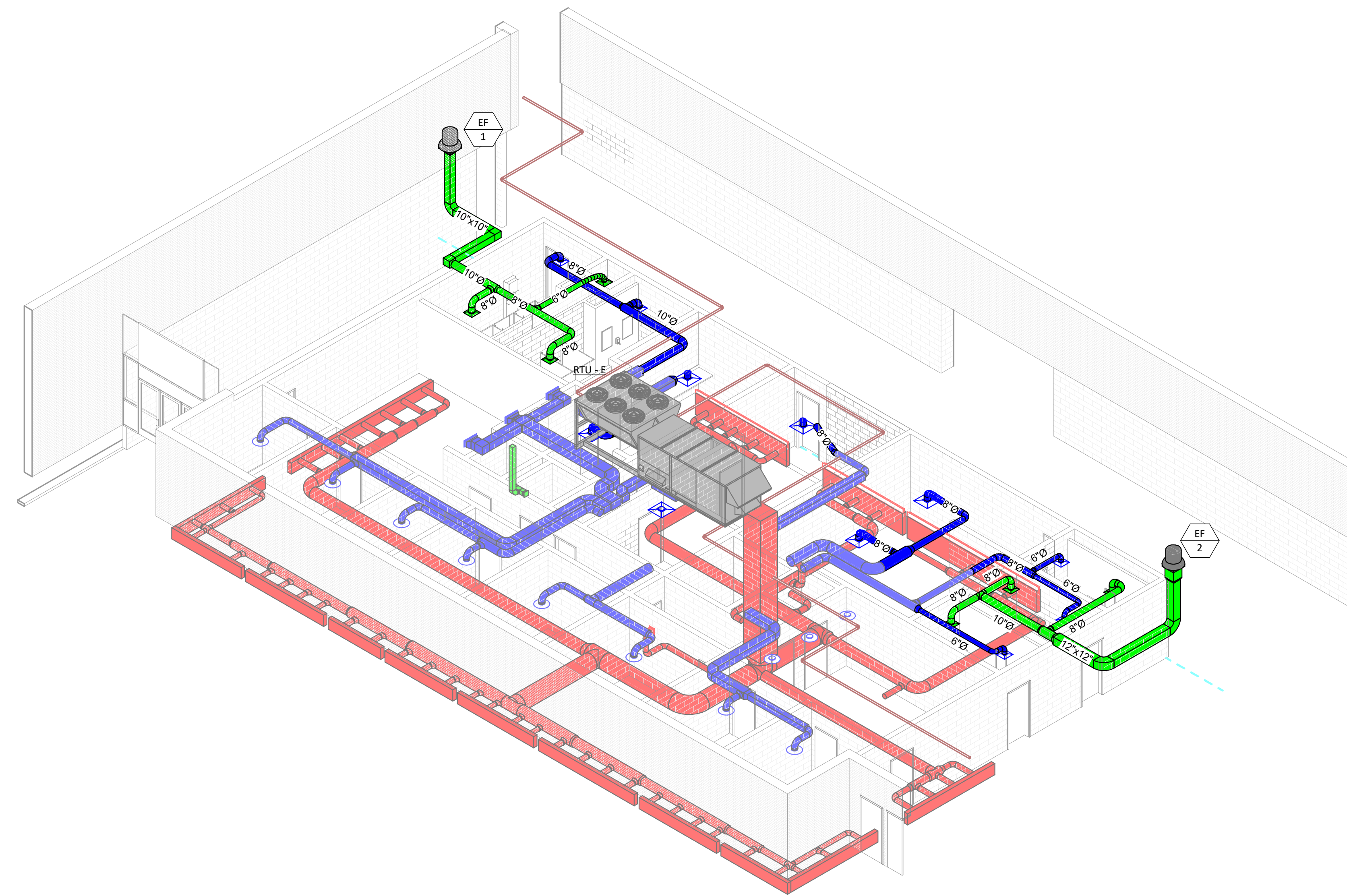
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1 MECHANICAL ISOMETRIC PARTIAL PLAN 'B'
M501



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**MECHANICAL
ISOMETRIC PLAN 'B'**

Project Number. 6834

Drawing No.

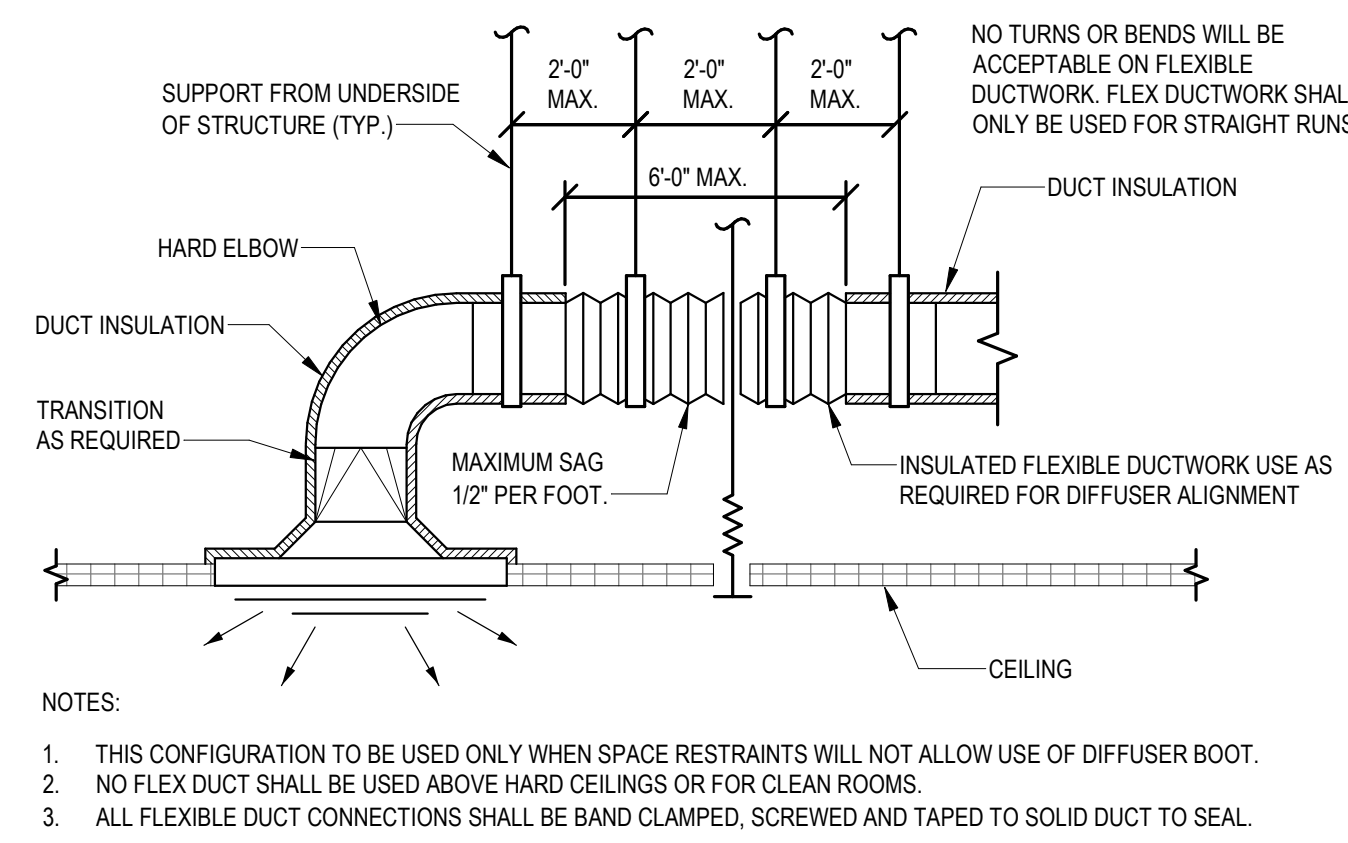
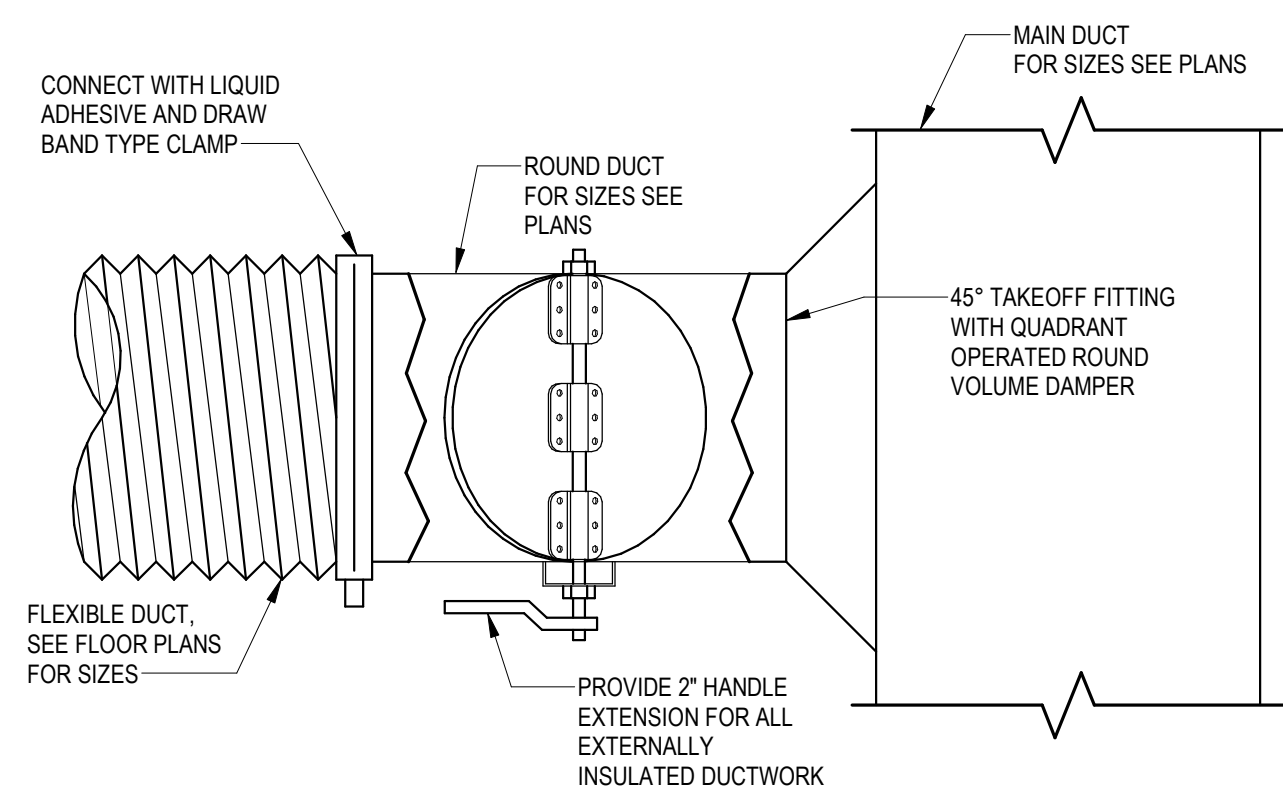
M501

Sheet of

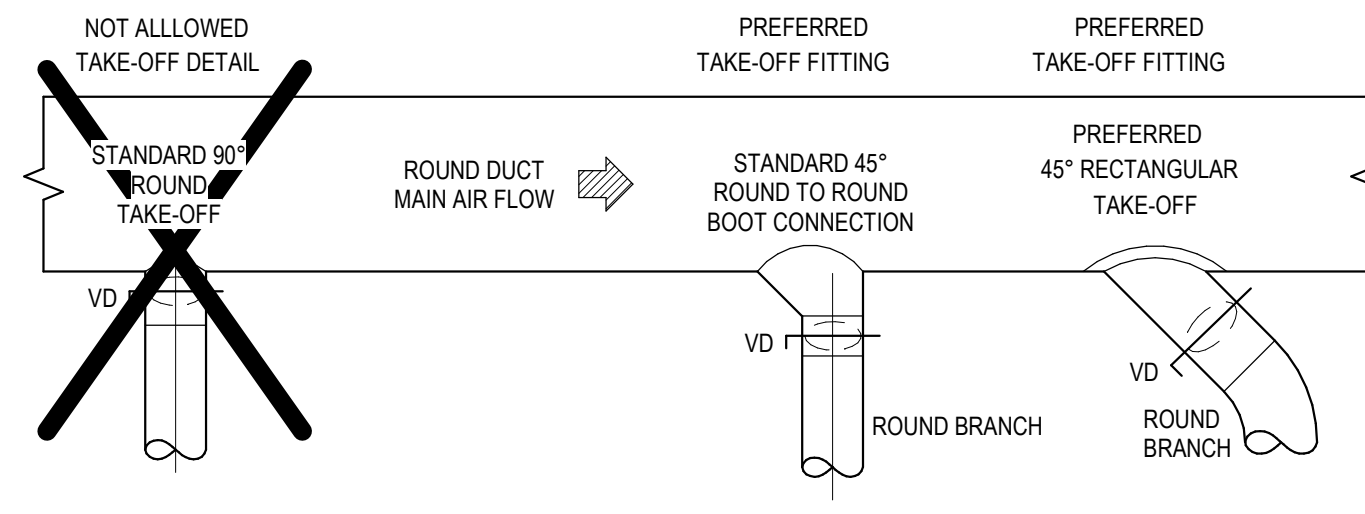
DIMENSION OF LONGEST SIDE - INCHES	SHEET METAL GAGE (ALL FOUR SIDES)	MINIMUM REINFORCING ANGLE SIZE & MAXIMUM LONGITUDINAL SPACING BETWEEN TRANSVERSE JOINTS & OR INTERMEDIATE REINFORCING	MIN "H" DIM. IN.	DRIVE SLIP		PLAIN "S" SLIP		HEMMED "S" SLIP		ALTERNATE BAR SLIP		REINFORCED BAR SLIP		ANGLE SLIP		STAND SEAM		POCKET LOCK	
				RECOMMENDED GAGE	RECOMMENDED ANGLE	RECOMMENDED GAGE	RECOMMENDED ANGLE	RECOMMENDED GAGE	RECOMMENDED ANGLE	RECOMMENDED GAGE	RECOMMENDED ANGLE	RECOMMENDED GAGE	RECOMMENDED ANGLE	RECOMMENDED GAGE	RECOMMENDED ANGLE	RECOMMENDED GAGE	RECOMMENDED ANGLE	RECOMMENDED GAGE	RECOMMENDED ANGLE
UP THRU 12	26	NON REQUIRED	1	26	26	24	24	24	24	24	24	24	24	24	24	24	24	24	13-18
13-18	24	NON REQUIRED	1	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	13-18
19-30	24	1 x 1 x 1/8 @ 60°	1	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24	19-30
31-42	22	1 x 1 x 1/8 @ 60°	1	-	-	22	22	22	22	22	22	22	22	22	22	22	22	22	31-42
43-54	22	1 1/2 x 1 1/2 @ 60°	1 1/2	-	-	22	22	22	22	22	22	22	22	22	22	22	22	22	43-54
55-60	20	1 1/2 x 1 1/2 @ 60°	1 1/2	-	-	22	22	22	22	22	22	22	22	22	22	22	22	22	55-60
61-84	20	1 1/2 x 1 1/2 @ 30°	1 1/2	-	-	22	22	22	22	22	22	22	22	22	22	22	22	22	55-60

TRANSVERSE REINFORCING SIZE IS DETERMINED BY DIMENSION OF SIDE TO WHICH ANGLE IS APPLIED

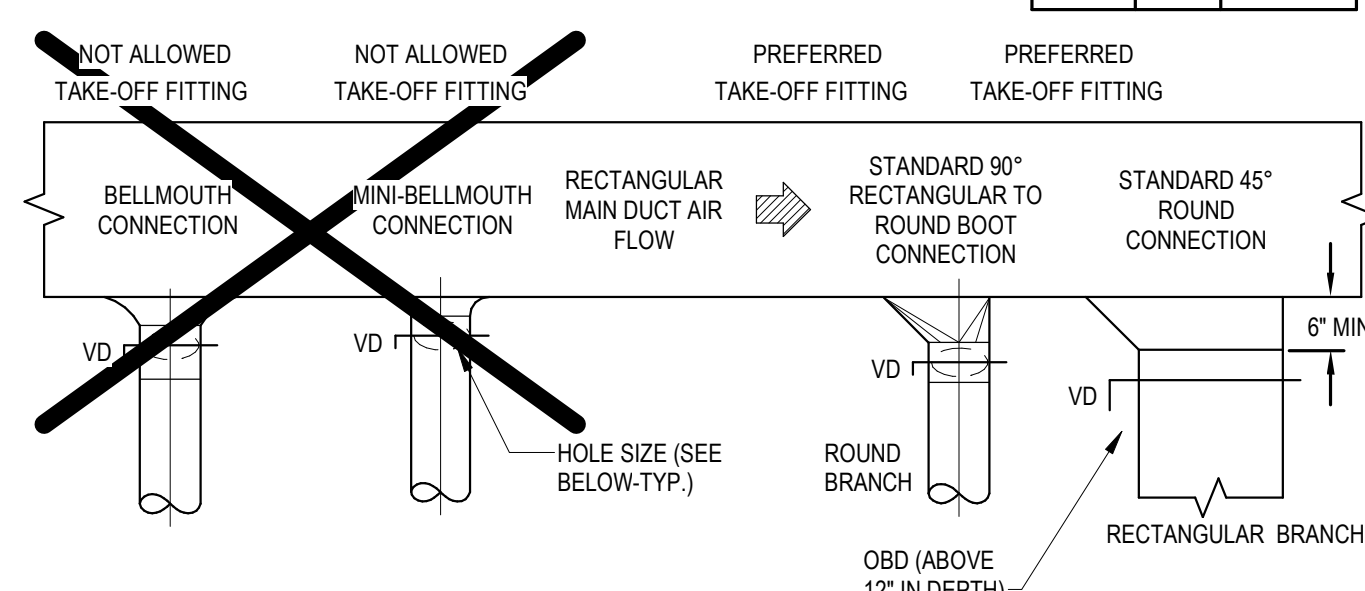
1 DUCT CONSTRUCTION DETAIL
12" = 1'-0"



4 ROUND BRANCH TAKE OFF DETAIL
12" = 1'-0"



ROUND MAIN BRANCH DUCT SIZE	HOLE SIZE	MINIMUM DUCT MAIN HEIGHT
5"	6"	9"
6"	7"	11"
7"	8"	12"
8"	9"	13"
9"	10"	14"
10"	11"	15"
11"	12"	16"
12"	13"	17"
13"	14"	18"
14"	15"	19"
15"	16"	20"

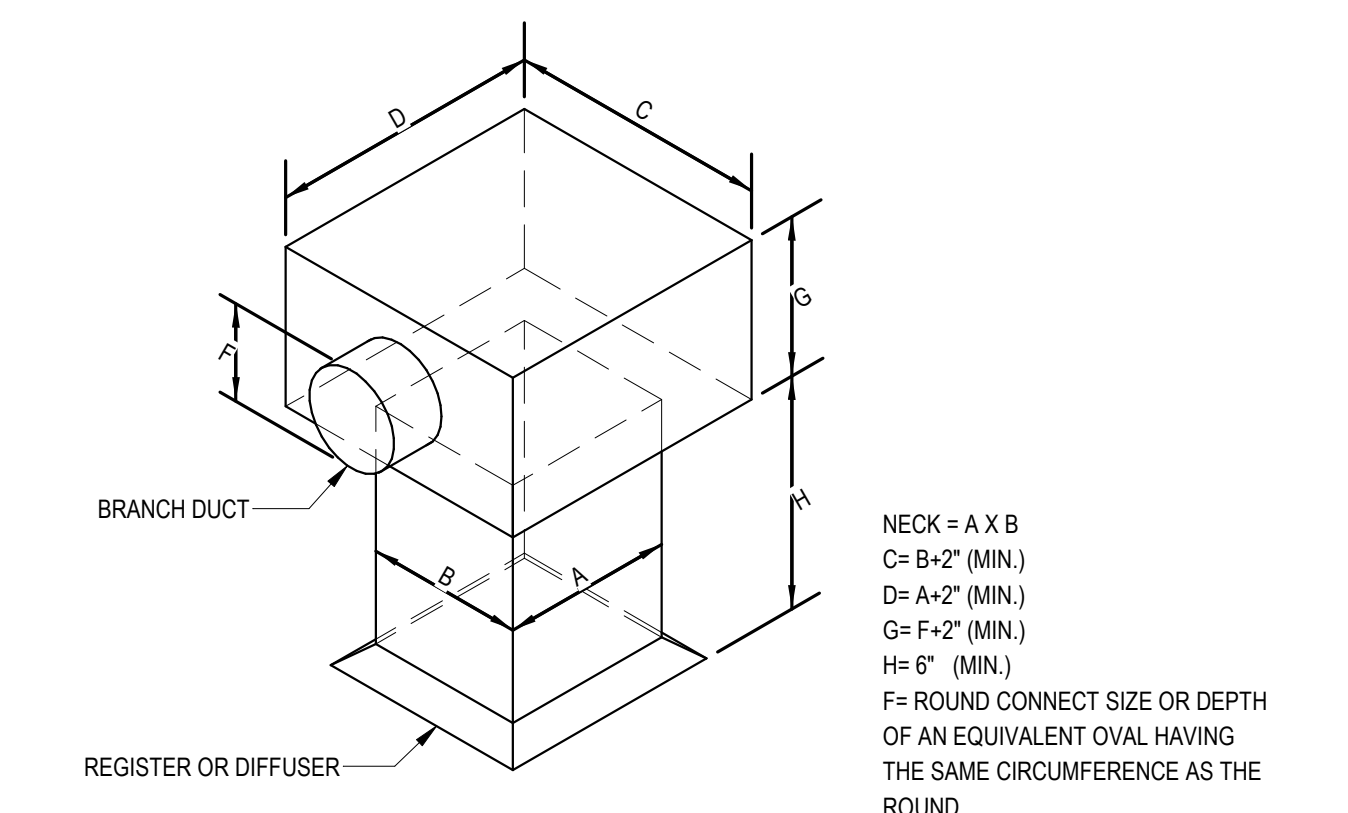


RECTANGULAR MAIN BRANCH DUCT SIZE	HOLE SIZE	MINIMUM DUCT MAIN HEIGHT
6 x 4	1.5 x 5.5	7.5
10 x 4	1.5 x 5.5	7.5
16 x 4	1.5 x 5.5	7.5
24 x 4	2.5 x 5.5	7.5
6 x 5	7.5 x 6.5	8.5
10 x 5	11.5 x 6.5	8.5
16 x 5	17.5 x 6.5	8.5
24 x 5	25.5 x 6.5	8.5
6 x 6	7.5 x 7.5	9.5
10 x 6	11.5 x 7.5	9.5
16 x 6	17.5 x 7.5	9.5
24 x 6	25.5 x 7.5	9.5
8 x 8	9.5 x 9.5	11.5
16 x 8	17.5 x 9.5	11.5
24 x 8	25.5 x 9.5	11.5
10 x 10	11.5 x 11.5	13.5
16 x 10	17.5 x 11.5	13.5
24 x 10	25.5 x 11.5	13.5

- NOTES:
- ALL ROUND AND RECTANGULAR TAKEOFF FITTINGS SHALL BE INCLUDED WITH THE FOLLOWING STANDARD FEATURES:
 - NEOPRENE GASKET TO MINIMIZE AIR LEAKAGE.
 - PRE-DRILLED HOLES FOR QUICK MOUNTING.
 - CONSTRUCTED OF HEAVY DUTY GALVANIZED STEEL.
 - 26 GAUGE GALV. QUADRANT VOLUME DAMPER WITH TIGHT FITTING GASKETING TO MINIMIZE LEAKAGE AT DAMPER PIVOT POINTS.
 - HEAVY DUTY HARDWARE IS AVAILABLE FOR APPLICATIONS WITH INCREASED STATIC PRESSURE.
 - ALTERNATE FITTINGS SHALL BE USED WHEN DUCT HEIGHT DOES NOT PERMIT THE USE OF THE PREFERRED FULL SIZE TAKEOFF. SUBMIT FITTINGS FOR REVIEW BY ENGINEER PRIOR TO INSTALLATION.
 - THIS DETAIL APPLIES TO SINGLE TAKEOFFS TO DIFFUSERS AS WELL AS BRANCH TAKEOFFS. IT ALSO APPLIES IF TAKEOFFS IN THE HORIZONTAL AS WELL AS THE VERTICAL DIRECTION.
 - SEE PLAN FOR DUCT SIZES.

6 DUCTWORK TAKE OFF DETAIL
12" = 1'-0"

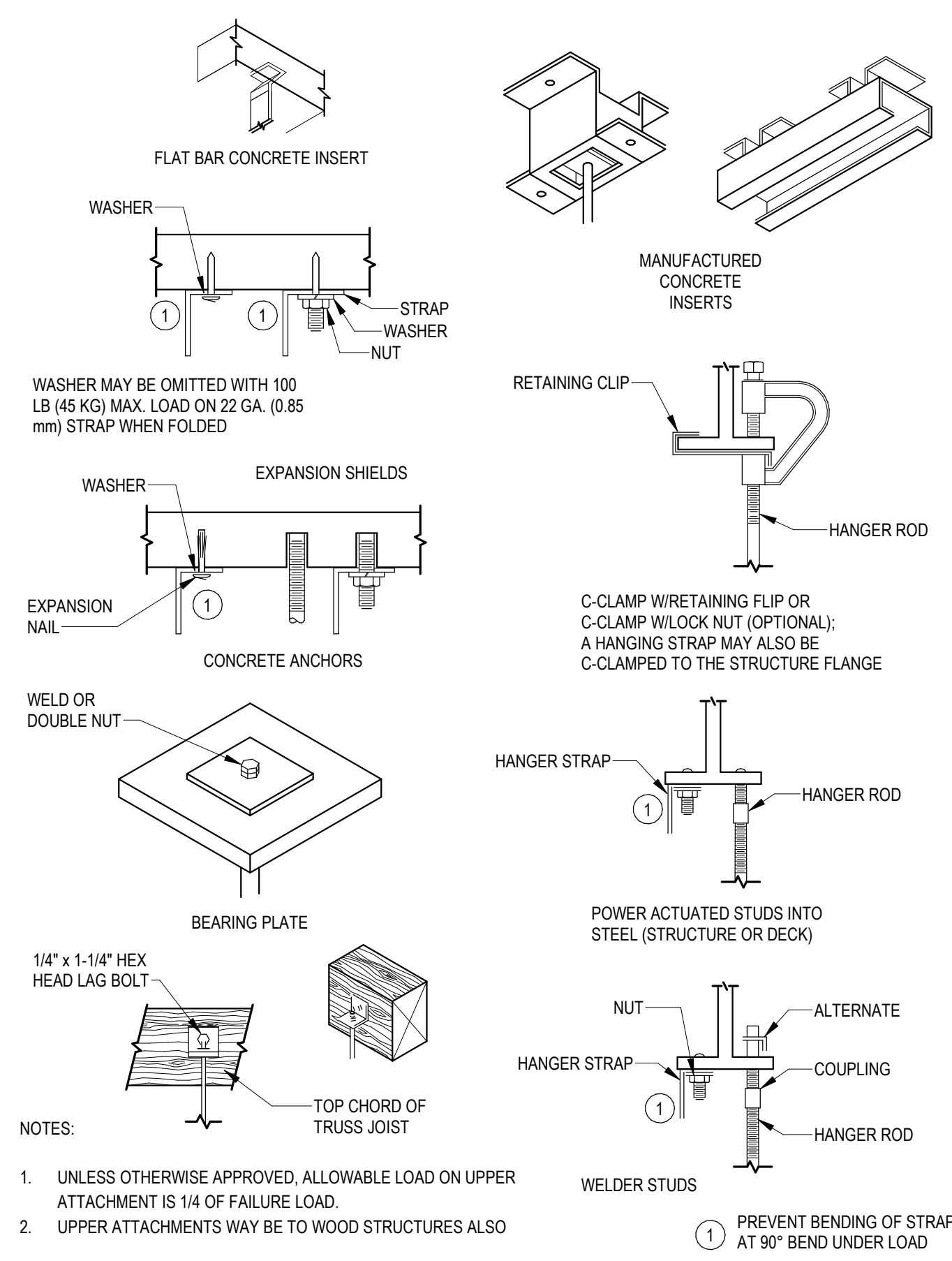
7 DUCTWORK DIFFUSER/GRILLE CONNECTION DETAIL
12" = 1'-0"



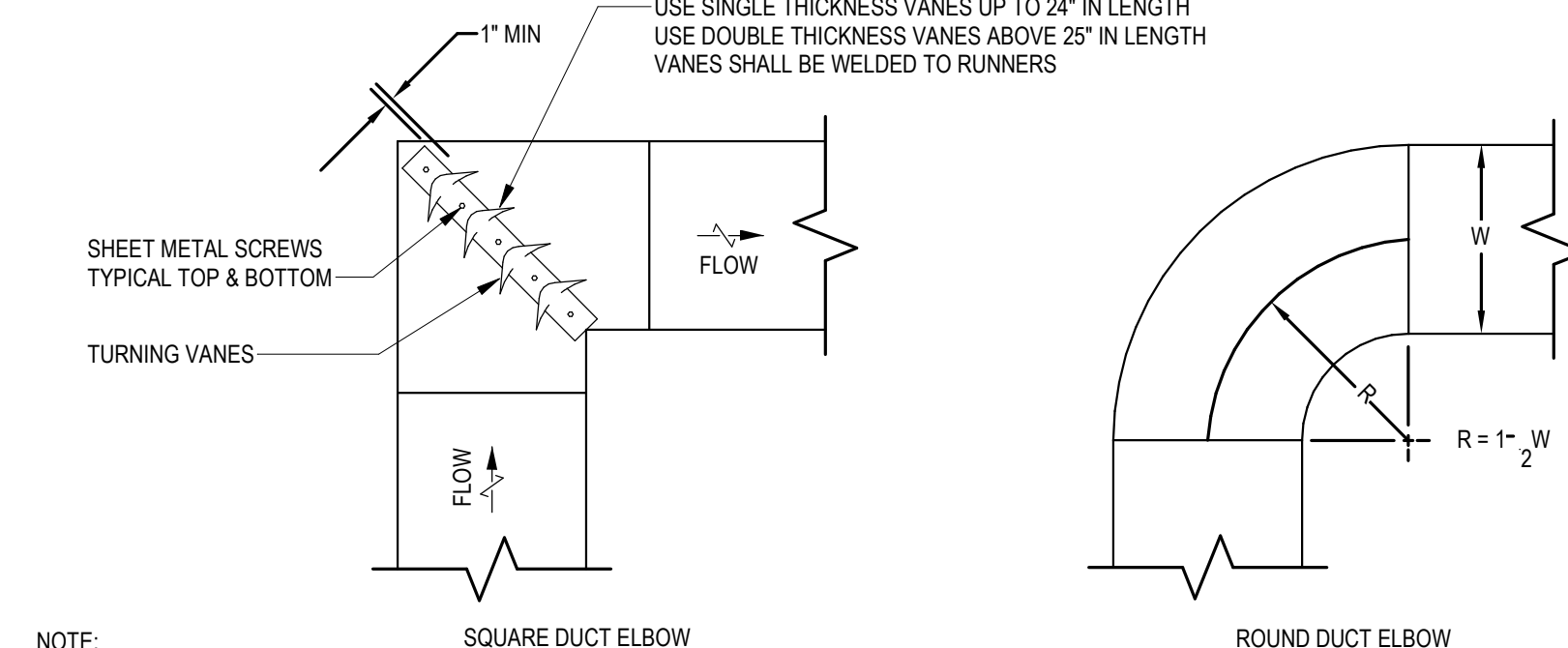
- NOTES:
- ALL SUPPLY AIR, RETURN AIR AND OUTDOOR AIR DUCTS SHALL BE WRAPPED EXTERNALLY WITH DUCT INSULATION AS PER MECHANICAL SPECIFICATIONS.
 - NO POP RIVETS ALLOWED, SELF-TAPPING SHEETMETAL SCREWS ONLY.
 - PREVENT BENDING OF STRAP AT 90° BEND UNDERLOAD
 - PROVIDE SUPPLEMENTAL STEEL WHERE NECESSARY TO SUPPORT DUCTWORK AT REQUIRED SPACING

HANGER SIZES FOR RECTANGULAR DUCT			
MAX SIDE	HANGER	HORIZONTAL SUPPORT ANGLE	MAX SPACING
30"	1" x 18 GA. STRAP	NONE REQUIRED	10'-0"
36"	1/4" ROUND ROD	1-1/2" x 1-1/2" x 18"	8'-0"
48"	1/4" ROUND ROD	2" x 2" x 18"	8'-0"
60"	5/16" ROUND ROD	2" x 2" x 18"	8'-0"
84"	3/8" ROUND ROD	2" x 2" x 18"	8'-0"

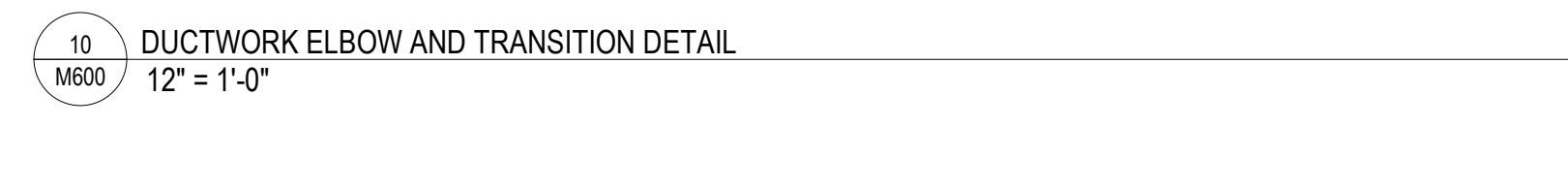
9 DUCT STRAP HANGER DETAIL
12" = 1'-0"



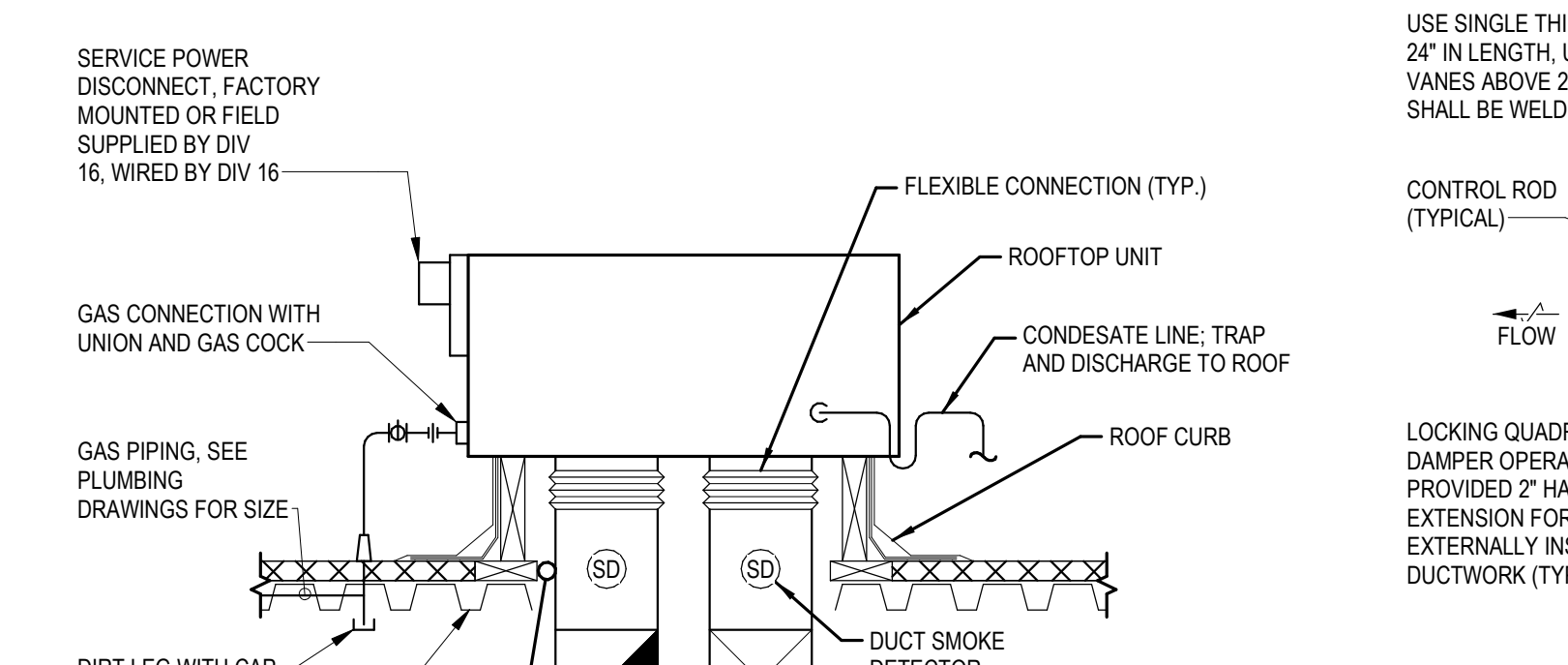
2 UPPER ATTACHMENTS DETAIL
12" = 1'-0"



3 VRF REFRIGERANT PIPING DIAGRAM
12" = 1'-0"

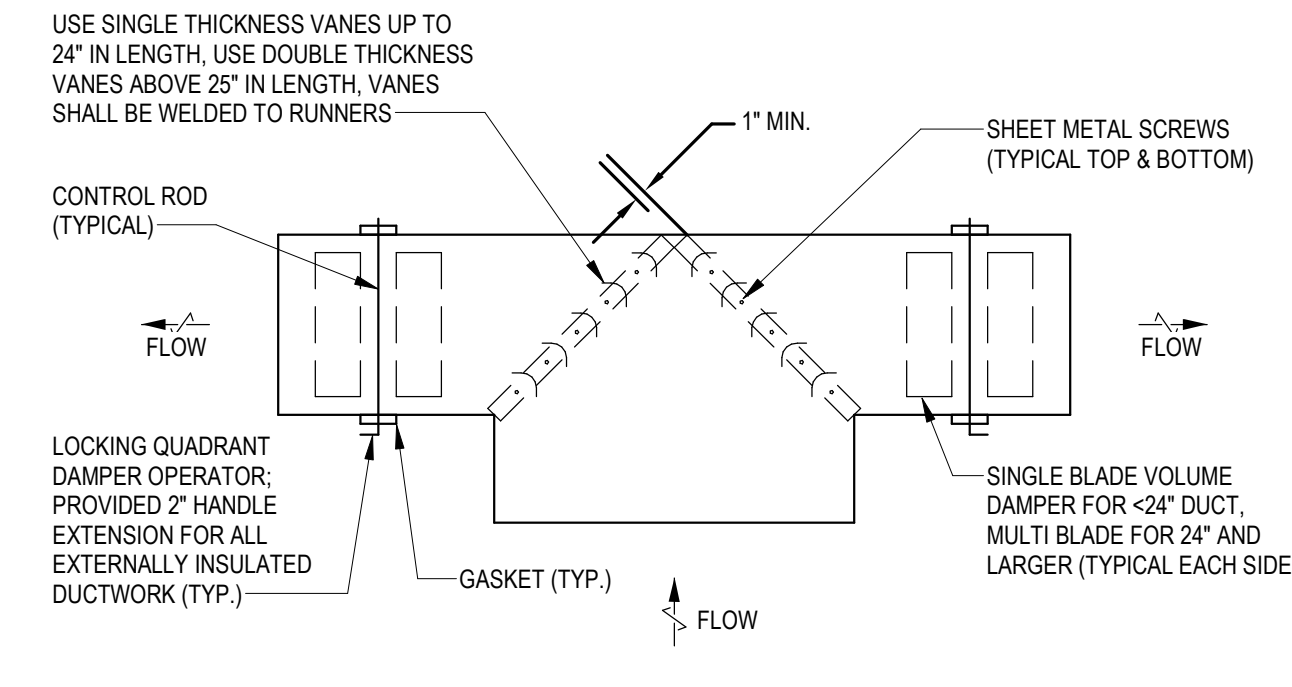


10 DUCTWORK ELBOW AND TRANSITION DETAIL
12" = 1'-0"

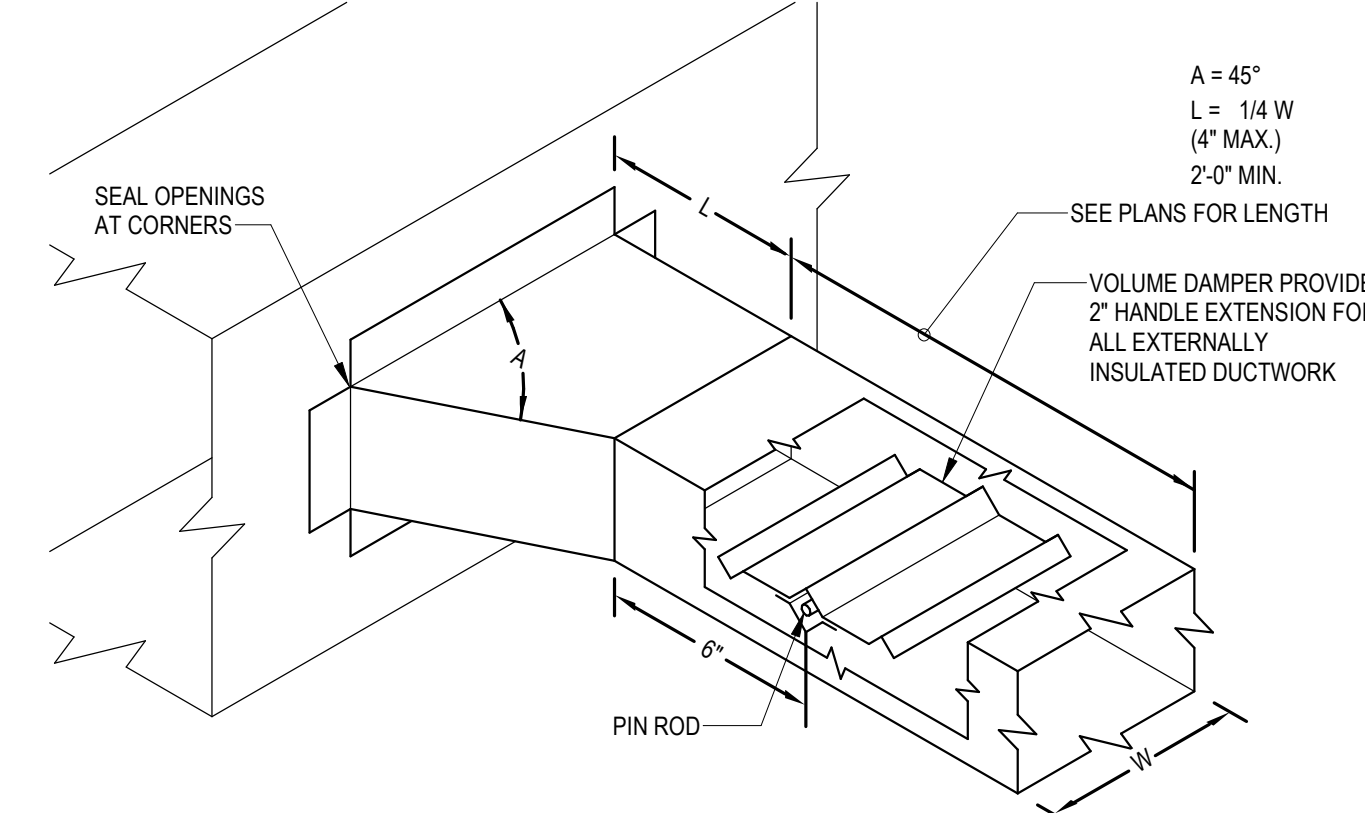


- NOTES:
- INSTALLATION AND FLASHING TO BE IN ACCORDANCE WITH THE ROOFING SYSTEM MANUFACTURERS REQUIREMENTS.
 - FOR ANY UNITS INSTALLED WITHIN 10 FEET OF A ROOF EDGE, PROVIDE GUARD NOT LESS THAN 30" BEYOND EACH UNIT END. TOP OF GUARD SHALL BE LOCATED NOT LESS THAN 42" ABOVE THE SURFACE. GUARD TO BE FABRICATED & SUPPORTED PER BUILDING CODE. TYPICAL FOR ALL NEW AND EXISTING EQUIPMENT.
 - ALL NEW EQUIPMENT BEING INSTALLED SHALL BE COORDINATED WITH STRUCTURAL ENGINEER AND ARCHITECT.
 - ROOFTOP UNITS SHALL BE SET UPON THE FACTORY ROOFCURB WITH GASKET. STAINLESS STEEL FASTENERS SHALL BE INSTALLED THROUGH THE ROOFTOP UNIT CURB RAIL INTO THE FACTORY ROOFCURB NAILING STRIP AT 12" INTERVALS. ALTERNATELY, FACTORY RESTRAINT BRACKETS OR DIRECT BOLTING MAY BE UTILIZED.
 - DUCT SMOKE DETECTORS, FURNISHED AND WIRED BY DIV 16 (ELECTRICAL), INSTALLED BY MECHANICAL CONTRACTOR IN ACCORDANCE WITH NFPA, THE IMC, AND MANUFACTURER'S RECOMMENDATIONS AND PROVIDE DUCT ACCESS PANEL AT EACH.
 - IN THE STATE OF RI: REQUIRED IN THE SUPPLY AIR DUCT OF ALL EQUIPMENT OVER 2,000 CFM AND BOTH SUPPLY & RETURN OVER 15,000CFM.
 - IN THE COMMONWEALTH OF MA: REQUIRED IN BOTH THE SUPPLY & RETURN AIR DUCT OF ALL EQUIPMENT OVER 2,000 CFM AND BOTH SUPPLY & RETURN OVER 15,000CFM.
 - GAP BETWEEN INSULATED DUCT AND ROOF DECK AT PENETRATION SHALL BE SEALED WITH ACOUSTICAL GRADE NON-HARDENING SEALANT ABOVE AND BELOW DECK AT DUCT PENETRATION (TYP.).

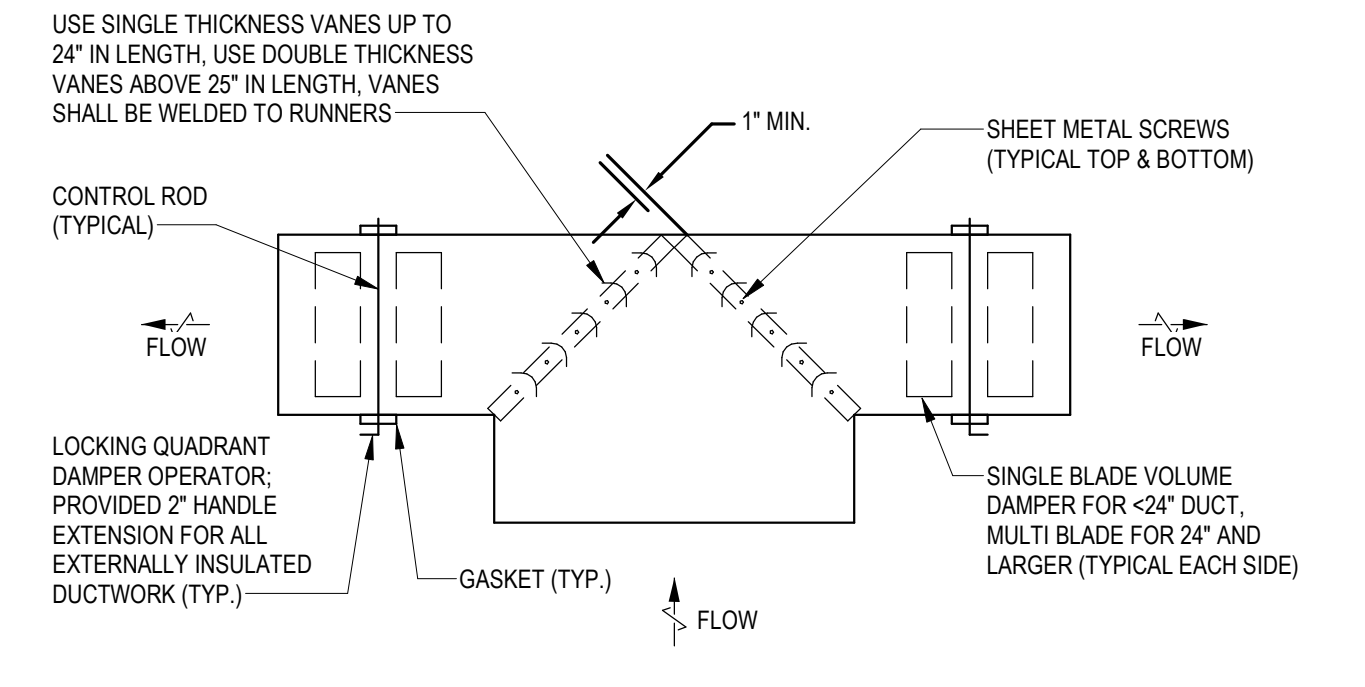
11 ROOFTOP UNIT DETAIL
12" = 1'-0"



12 TYPICAL MAIN BRANCH CONNECTION DETAIL
12" = 1'-0"



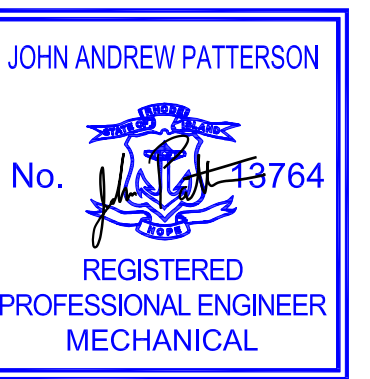
13 BRANCH CONNECTION DETAIL
12" = 1'-0"



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Certification



Drawn by TMW
Checked by JAP
Revised on

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Architecture - Project Management - Interior Design

Project

Coventry Dep. of
Public Works
Coventry Town Hall
Annex



1675 Flat River Road
Coventry, RI 02816

Drawing Status
CONSTRUCTION DOCUMENTS

Issued On 08/28/2024

Sheet Contents
MECHANICAL DETAILS

Project Number. 6834

Drawing No. **M600**

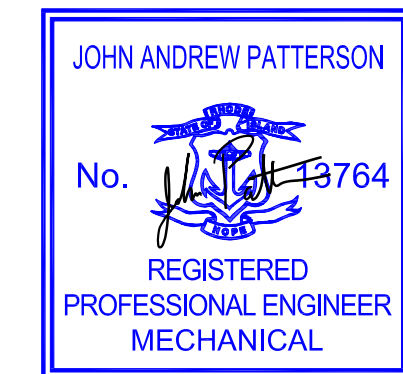
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Drawn by TMM

Checked by JAP

Revised on

SPLIT SYSTEM EVAPORATING UNIT SCHEDULE (INDOOR UNIT)

REMARKS:
 1. COORDINATE POWER AND DISCONNECT REQUIREMENTS WITH ELECTRICIAN.
 2. R410A REFRIGERANT.
 3. COOLING CAPACITY RATED AT AMBIENT TEMPERATURES 91°F DB/73°F WB AND HEATING CAPACITY RATED AT AMBIENT TEMPERATURE 4°F DB.
 4. SIZE REFRIGERANT PIPING PER MANUFACTURER'S REQUIREMENTS.
 5. PROVIDE WITH WIRE REMOTE THERMOSTAT MODEL.
 6. PROVIDE FIELD INSTALLED EXTERNAL SAFE PAN WITH OVERFLOW SWITCH.
 7. PROVIDE WITH MANUFACTURER'S ACCESSORY CONDENSATE PUMP TO BE FIELD INSTALLED AND POWERED BY THE INDOOR UNIT.

TAG	TAG #	AREA SERVED	OUTDOOR UNIT	RATED COOLING CAPACITY (BTUH)	RATED HEATING CAPACITY (BTUH)	MIN SUCTION LINE (IN. OD)	MIN LIQUID LINE (IN. OD)	AIRFLOW LOHI	ELECTRICAL DATA				WEIGHT (LBS)	MANUFACTURER	MODEL NUMBER	REMARKS	
									VOLTS	PH	HZ	MOCP					
IDU	001	RECEPTION	ODU 1-001	18000 Btuh	20000 Btuh	5/8"	3/8"	742 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ18AAVJU	12.3.4.5.6.7
IDU	002	WAITING/RESOURCES RM	ODU 1-002	18000 Btuh	20000 Btuh	5/8"	3/8"	742 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ18AAVJU	12.3.4.5.6.7
IDU	003A	PROJ. FRIENDS OFFICE 1	ODU 1-003	9500 Btuh	10500 Btuh	1/2"	1/4"	441 CFM	208 V	1	60	15	0.3 A	42	DAIKIN	FCQ09AAVJU	12.3.4.5.6.7
IDU	003B	PROJ. FRIENDS OFFICE 2	ODU 1-003	9500 Btuh	10500 Btuh	1/2"	1/4"	441 CFM	208 V	1	60	15	0.3 A	42	DAIKIN	FCQ09AAVJU	12.3.4.5.6.7
IDU	004	PROJ. FRIENDS CONF.	ODU 1-004	30000 Btuh	34000 Btuh	5/8"	3/8"	1059 CFM	208 V	1	60	15	1.0 A	58	DAIKIN	FCQ30AAVJU	12.3.4.5.6.7
IDU	005A	PROJ. FRIENDS MULTI-PURPOSE ROOM	ODU 1-005	18000 Btuh	20000 Btuh	5/8"	3/8"	742 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ18AAVJU	12.3.4.5.6.7
IDU	005B	PROJ. FRIENDS MULTI-PURPOSE ROOM	ODU 1-005	18000 Btuh	20000 Btuh	5/8"	3/8"	742 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ18AAVJU	12.3.4.5.6.7
IDU	005C	PROJ. FRIENDS MULTI-PURPOSE ROOM	ODU 1-005	18000 Btuh	20000 Btuh	5/8"	3/8"	742 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ18AAVJU	12.3.4.5.6.7
IDU	005D	PROJ. FRIENDS MULTI-PURPOSE ROOM	ODU 1-005	18000 Btuh	20000 Btuh	5/8"	3/8"	742 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ18AAVJU	12.3.4.5.6.7
IDU	006	PROJ. FRIENDS COMP. LAB	ODU 1-006	24000 Btuh	27000 Btuh	5/8"	3/8"	777 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ24AAVJU	12.3.4.5.6.7
IDU	007	CAREER EXPLORATION CNTR	ODU 1-007	18000 Btuh	20000 Btuh	5/8"	3/8"	742 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ18AAVJU	12.3.4.5.6.7
IDU	008A	SUPPORTED EMPLOYMENT MULTI-PURPOSE RM	ODU 1-008	18000 Btuh	20000 Btuh	5/8"	3/8"	742 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ18AAVJU	12.3.4.5.6.7
IDU	008B	SUPPORTED EMPLOYMENT MULTI-PURPOSE RM	ODU 1-008	18000 Btuh	20000 Btuh	5/8"	3/8"	742 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ18AAVJU	12.3.4.5.6.7
IDU	008C	SUPPORTED EMPLOYMENT MULTI-PURPOSE RM	ODU 1-008	18000 Btuh	20000 Btuh	5/8"	3/8"	742 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ18AAVJU	12.3.4.5.6.7
IDU	008D	SUPPORTED EMPLOYMENT MULTI-PURPOSE RM	ODU 1-008	18000 Btuh	20000 Btuh	5/8"	3/8"	742 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ18AAVJU	12.3.4.5.6.7
IDU	009	COMPUTER RESOURCE LAB	ODU 1-009	30000 Btuh	34000 Btuh	5/8"	3/8"	1059 CFM	208 V	1	60	15	1.0 A	58	DAIKIN	FCQ30AAVJU	12.3.4.5.6.7
IDU	010	COFFEE SHOP	ODU 1-010	24000 Btuh	27000 Btuh	5/8"	3/8"	777 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ24AAVJU	12.3.4.5.6.7
IDU	010B	COFFEE SHOP	ODU 1-010	7500 Btuh	8500 Btuh	5/8"	3/8"	280 CFM	208 V	1	60	15	0.3 A	26.5	DAIKIN	FXQ07PAAVJU	12.3.4.5.6.7
IDU	010C	COFFEE SHOP	ODU 1-010	7500 Btuh	8500 Btuh	5/8"	3/8"	280 CFM	208 V	1	60	15	0.3 A	26.5	DAIKIN	FXQ07PAAVJU	12.3.4.5.6.7
IDU	011	PARENT RESOURCE	ODU 1-011	24000 Btuh	27000 Btuh	5/8"	3/8"	777 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ24AAVJU	12.3.4.5.6.7
IDU	012	COMMUNITY ACTION CNTR.	ODU 1-012	18000 Btuh	20000 Btuh	5/8"	3/8"	742 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ18AAVJU	12.3.4.5.6.7
IDU	013	STOR. 113	ODU 1-013	7200 Btuh	8500 Btuh	1/2"	1/4"	441 CFM	208 V	1	60	15	0.3 A	42	DAIKIN	FXQ07PAAVJU	12.3.4.5.6.7
IDU	014	STOR. 114	ODU 1-013	7200 Btuh	8500 Btuh	1/2"	1/4"	441 CFM	208 V	1	60	15	0.3 A	42	DAIKIN	FXQ07PAAVJU	12.3.4.5.6.7
IDU	015	STOR. 115	ODU 1-013	9500 Btuh	10500 Btuh	1/2"	1/4"	441 CFM	208 V	1	60	15	0.3 A	42	DAIKIN	FXQ09AAVJU	12.3.4.5.6.7
IDU	016	STOR. 116	ODU 1-013	9500 Btuh	10500 Btuh	1/2"	1/4"	441 CFM	208 V	1	60	15	0.3 A	42	DAIKIN	FXQ09AAVJU	12.3.4.5.6.7
IDU	021	LAUNDRY	ODU 1-013	30000 Btuh	34000 Btuh	5/8"	3/8"	1059 CFM	208 V	1	60	15	1.0 A	58	DAIKIN	FCQ30AAVJU	12.3.4.5.6.7
IDU	022	STOR. 122	ODU 1-013	7200 Btuh	8500 Btuh	1/2"	1/4"	441 CFM	208 V	1	60	15	0.3 A	42	DAIKIN	FXQ07PAAVJU	12.3.4.5.6.7
IDU	023	STOR. 123	ODU 1-013	7200 Btuh	8500 Btuh	1/2"	1/4"	441 CFM	208 V	1	60	15	0.3 A	42	DAIKIN	FXQ07PAAVJU	12.3.4.5.6.7
IDU	066	STOR. 066	ODU 1-066	18000 Btuh	20000 Btuh	5/8"	3/8"	742 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ18AAVJU	12.3.4.5.6.7
IDU	070	LIBRARY ANNEX LAB	ODU 1-070	24000 Btuh	27000 Btuh	5/8"	3/8"	777 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ24AAVJU	12.3.4.5.6.7
IDU	071	LIBRARY ANNEX OFFICES	ODU 1-071	18000 Btuh	20000 Btuh	5/8"	3/8"	742 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ18AAVJU	12.3.4.5.6.7
IDU	075A	STUDY/INSTRUCTIONAL SPACE	ODU 1-075	24000 Btuh	27000 Btuh	5/8"	3/8"	777 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ24AAVJU	12.3.4.5.6.7
IDU	075B	STUDY/INSTRUCTIONAL SPACE	ODU 1-075	24000 Btuh	27000 Btuh	5/8"	3/8"	777 CFM	208 V	1	60	15	0.5 A	51	DAIKIN	FCQ24AAVJU	12.3.4.5.6.7
IDU	180A	CORR. 180A	ODU 1-180	15000 Btuh	17000 Btuh	1/2"	1/4"	512 CFM	208 V	1	60	15	0.4 A	42	DAIKIN	FXQ015AAVJU	12.3.4.5.6.7
IDU	180B	CORR. 180B	ODU 1-180	15000 Btuh	17000 Btuh	1/2"	1/4"	512 CFM	208 V	1	60	15	0.4 A	42	DAIKIN	FXQ015AAVJU	12.3.4.5.6.7
IDU	180C	CORR. 180C	ODU 1-180	48000 Btuh	54000 Btuh	5/8"	3/8"	1283 CFM	208 V	1	60	15	1.6 A	58	DAIKIN	FXQ048AAVJU	12.3.4.5.6.7

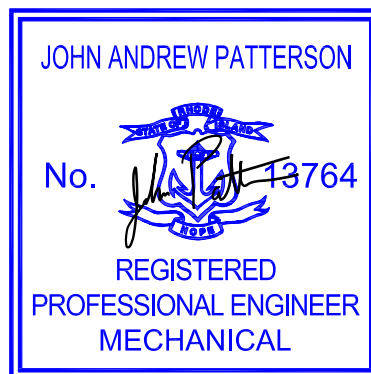
SPLIT SYSTEM CONDENSING UNIT SCHEDULE (OUTDOOR UNIT)

REMARKS:
 1. COOLING CAPACITY RATED AT AMBIENT TEMPERATURES 96°F DB AND HEATING CAPACITY RATED AT AMBIENT TEMPERATURE 0°F DB.
 2. R410A REFRIGERANT.
 3. HEAT PUMP SYSTEM.
 4. SEAL PER MANUFACTURER'S REQUIREMENTS.
 5. POWER WIRING AND INTERCONNECTING WIRING SHALL BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.
 6. INSTALL WITH 18" (MIN.) QUICK SLING SNOW STAND.
 7. BUILT-IN BASE PAN HEATER.
 8. PRO-HEAT PERFORMANCE FOR 100% HEATING CAPACITY AT 5°F.
 9. COORDINATE POWER AND DISCONNECT REQUIREMENTS WITH ELECTRICIAN.

Tag Name	Tag #	LOCATION	UNITS SERVED	RATED COOLING CAPACITY (BTUH)	RATED HEATING CAPACITY (BTUH)	MIN SUCTION LINE (IN. OD)	MIN LIQUID LINE (IN. OD)	SONES	ELECTRICAL DATA				WEIGHT (LBS)	MANUFACTURER	MODEL NUMBER	REMARKS	
									VOLTS	PH	HZ	MOCP					
ODU	001	RECEPTION	IDU 001	18,000	20,000	5/8"	3/8"	58	208	1	60	20	16.5	172	DAIKIN	RZQ18V7BUJUA	12.3.4.5.6.7.8.9
ODU	002	WAITING/RESOURCES RM	IDU 002	18,000	20,000	5/8"	3/8"	58	208	1	60	20	16.5	172	DAIKIN	RZQ18V7BUJUA	12.3.4.5.6.7.8.9
ODU	003	PROJ. FRIENDS OFFICE	IDU 003	18,000	20,000	5/8"	3/8"	58	208	1	60	20	16.5	172	DAIKIN	RZQ18V7BUJUA	12.3.4.5.6.7.8.9
ODU	004	PROJ. FRIENDS CONF.	IDU 004	30,000	34,000	5/8"	3/8"	57	208	1	60	35	29.1	225	DAIKIN	RZQ30T7BUJUA	12.3.4.5.6.7.8.9
ODU	006	PROJ. FRIENDS COMP. LAB	IDU 006A,B,C,D	69,000	69,000	3/4"	3/8"	58	208	1	60	30	27.3	496	DAIKIN	RXYQ22AATJB	12.3.4.5.6.7.8.9
ODU	006	PROJ. FRIENDS COMP. LAB	IDU 006	24,000	27,000	5/8"	3/8"	58	208	1	60	20	16.5	172	DAIKIN	RZQ24T7BUJUA	12.3.4.5.6.7.8.9
ODU	007	CAREER EXPLORATION CNTR.	IDU 007	18,000	20,000	5/8"	3/8"	58	208	1	60	20	16.5	172	DAIKIN	RZQ18V7BUJUA	12.3.4.5.6.7.8.9
ODU	008	SUPPORTED EMPLOYMENT MULTI-PURPOSE RM	IDU 008A,B,C,D	69,000	69,000	3/4"	3/8"	58	208	1	60	30	27.3	496	DAIKIN	RXYQ22AATJB	12.3.4.5.6.7.8.9
ODU	009	COMPUTER SCIENCE LAB	IDU 009	30,000	34,000	5/8"	3/8"	57	208	1	60	35	29.1	225	DAIKIN	RZQ30T7BUJUA	12.3.4.5.6.7.8.9
ODU	010	COFFEE SHOP	IDU 010	24,000	27,000	5/8"	3/8"	58	208	1	60	20	16.5	172	DAIKIN	RZQ24T7BUJUA	12.3.4.5.6.7.8.9
ODU	011	PARENT RESOURCE	IDU 011	24,000	27,000	5/8"	3/8"	58	208	1	60	20	16.5	172	DAIKIN	RZQ24T7BUJUA	12.3.4.5.6.7.8.9
ODU	012	COMMUNITY ACTION CNTR.	IDU 012	18,000	20,000	5/8"	3/8"	58	208	1	60	20	16.5	172	DAIKIN	RZQ18V7BUJUA	12.3.4.5.6.7.8.9
ODU	013	STOR. AREAS	IDU 013,014,015,016,021,022,023	69,000	69,000	3/4"	3/8"	58	208	1	60	30	27.3	496	DAIKIN	RXYQ22AATJB	12.3.4.5.6.7.8.9
ODU	066	STOR. 066	IDU 066	18,000	20,000	5/8"	3/8"	58	208	1	60	20	16.5	172	DAIKIN	RZQ18V7BUJUA	12.3.4.5.6.7.8.9
ODU	070	LIBRARY ANNEX LAB	IDU 070	24,000	27,000	5/8"	3/8"	58	208	1	60	20	16.5	172	DAIKIN	RZQ24T7BUJUA	12.3.4.5.6.7.8.9
ODU	071	LIBRARY ANNEX OFFICES	IDU 071	18,000	20,000	5/8"	3/8"	58	208	1	60	20	16.5	172	DAIKIN	RZQ18V7BUJUA	12.3.4.5.6.7.8.9
ODU	075	STUDY/INSTRUCTIONAL SPACE	IDU 075A,B	24,000	27,000	5/8"	3/8"	58	208	1	60	20	16.5	172	DAIKIN	RZQ24T7BUJUA	12.3.4.5.6.7.8.9
ODU	180	STOR. AREAS	IDU 180A,B,C	92,000	69,000	3/4"	3/8"	58	208	1	60	30	27.3	496	DAIKIN	RXYQ22AATJB	12.3.4.5.6.7.8.9

ENERGY RECOVERY VENTILATOR

REMARKS:
 1. COORDINATE POWER AND DISCONNECT REQUIREMENTS WITH DIV. 26.
 2. PROVIDE WITH MERV 8 FILTERS.
 3. VARIABLE SPEED EC MOTORS.
 4



PART 1 - GENERAL PROVISIONS FOR MECHANICAL WORK.

1.01 GENERAL REQUIREMENTS:

A. SCOPE OF WORK SHALL INCLUDE ALL LABOR, MATERIALS, TOOLS, EQUIPMENT, TRANSPORTATION, HOSTING, RIGGING, HANGING, ETC., TO PERFORM THE WORK AS INDICATED ON THE DRAWINGS AND HEREIN SPECIFIED FOR A COMPLETE INSTALLATION. ALL WORK SHALL BE IN ACCORDANCE WITH NATIONAL, STATE AND LOCAL CODES AND ORDINANCES HAVING JURISDICTION, AS INTERPRETED BY THE ARCHITECT/ENGINEER.

B. APPLY AND PAY FOR ALL NECESSARY INSPECTION FEES, LICENSES AND PERMITS REQUIRED BY THE PROPER AUTHORITIES HAVING JURISDICTION.

C. ASBESTOS CUTTING, REMOVAL, ENCAPSULATING OR DISPOSAL IS NOT INCLUDED WITHIN THE SCOPE OF THIS PROJECT OR PROJECT DOCUMENTS. ALL ASBESTOS CONSIDERATIONS AND INVOLVEMENT ARE THE SOLE RESPONSIBILITY OF THE OWNER OUTSIDE THE SCOPE OF THIS PROJECT. THE PRESENCE OF ASBESTOS MATERIALS WITHIN THE WORKING AREAS OF THIS PROJECT HAVE NOT BEEN INVESTIGATED OR DETERMINED. REFER TO OWNER FOR ANY CLARIFICATIONS REGARDING THE PRESENCE OF ASBESTOS MATERIALS. HOWEVER, THE CONTRACTOR SHALL RE-INSULATE ANY EXISTING PIPING AT NEW "TEES" WHERE EXISTING INSULATION WAS REMOVED. REFER TO OWNER FOR ABATEMENT PROCEDURES.

D. THE BUILDING WILL BE OCCUPIED DURING ALL OF THE CONSTRUCTION PROCESS. THE CONSTRUCTION SCHEDULE SHALL BE DEVELOPED WITH THE UNDERSTANDING THAT THE BUILDING IS OCCUPIED AND THAT IT CAN NEITHER BE CLOSED NOR CAN THE OWNERS' OPERATIONS STOP.

E. NO EXITS SHALL BE CLOSED WITHOUT THE WRITTEN PERMISSION OF THE OWNER AND LOCAL AUTHORITIES HAVING JURISDICTION.

F. ANY UTILITY OUTFAGES OR SYSTEM SHUTDOWNS FOR CONSTRUCTION SHALL BE SCHEDULED WITH THE ARCHITECT/OFFICE PRIOR TO COMMENCING WORK.

G. SUBMIT SHOP DRAWINGS OF ALL HVAC EQUIPMENT AND RECORD DRAWINGS FOR ALL WORK PROVIDED UNDER THIS CONTRACT TO THE ARCHITECT/OFFICE FOR HIS USE PRIOR TO ORDERING, FABRICATING OR INSTALLING SAME.

H. ALL MATERIALS SHALL BE NEW, ALL EQUIPMENT SHALL BEAR THE U.L. LABEL.

I. RECORD DRAWINGS: THE CONTRACTOR SHALL KEEP DAILY UPDATED ACCURATE RECORDS OF ALL DEVIATIONS IN WORK AS ACTUALLY INSTALLED FROM WORK INDICATED ON THE CONTRACT DRAWINGS. THE RECORD DRAWINGS SHALL BE KEPT AT THE JOB SITE, AVAILABLE TO THE OWNER AT ALL TIMES AND LABELED AS "PROJECT RECORD INFORMATION - JOB SET". WHEN WORK IS COMPLETED THIS CONTRACTOR SHALL PROVIDE TO THE OWNER ONE COMPLETE SET OF MARKED-UP ORIGINAL PRINTS, UPDATED CAD DRAWINGS AND A CD WITH CAD FILES.

1.02 GUARANTEES:

A. ALL WORK, MATERIALS AND EQUIPMENT SHALL BE GUARANTEED AGAINST DEFECTS RESULTING FROM THE USE OF INFERIOR MATERIALS, EQUIPMENT, OR WORKMANSHIP FOR ONE YEAR FROM THE DATE OF FINAL COMPLETION OF THE CONTRACT, OR FROM FULL ACCEPTANCE BY THE OWNER, WHICHEVER IS EARLIER. ALL DEFECTIVE MATERIAL, OR WORKMANSHIP AS WELL AS DAMAGES TO THE WORK OF ALL TRADES RESULTING FROM SAME SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

B. THE GUARANTEE PERIOD SHALL BE FOR ONE (1) YEAR FROM THE DATE OF ACCEPTANCE, WHICH SHALL BE THE DATE OF FINAL PAYMENT OR THE DATE OF FORMAL NOTICE OF ACCEPTANCE, WHICHEVER IS EARLIER.

C. CERTIFICATION SHALL BE SUBMITTED BY THE CONTRACTOR ATTESTING TO THE FACT THAT SPECIFIED PERFORMANCE CRITERIA ARE MET BY ALL EQUIPMENT.

D. IF, WITHIN ANY GUARANTEE PERIOD, REPAIRS OR CHANGES TO GUARANTEED WORK ARE REQUIRED AS A RESULT OF THE USE OF DEFECTIVE MATERIALS OR EQUIPMENT, INFERIOR WORKMANSHIP OR WORK THAT IS NOT IN ACCORDANCE WITH THE TERMS OF THE CONTRACT, AND UPON RECEIPT OF NOTICE FROM THE OWNER, THE FOLLOWING SHALL BE DONE WITHOUT EXPENSE TO THE OWNER:

- REPAIR ALL DAMAGE TO THE BUILDING OR SITE/EQUIPMENT OR CONTENTS THEREOF WHICH IS THE RESULT OF THE USE OF DEFECTIVE MATERIALS OR EQUIPMENT OR INFERIOR WORKMANSHIP, OR OF WORK NOT IN ACCORDANCE WITH THE TERMS OF THE CONTRACT.
- MAKE GOOD ANY WORK OR MATERIALS, OR THE EQUIPMENT AND CONTENTS OF SAID BUILDING OR SITE DISTURBED IN FULFILLING ANY SUCH GUARANTEE.
- IN FULFILLING THE REQUIREMENTS OF THE CONTRACT OR OF ANY GUARANTEE EMBRACED IN OR REQUIRED THEREBY, ANY WORK GUARANTEED UNDER THIS CONTRACT IS NOT TO BE DISTURBED, RESTORED SUCH DISTURBED WORK TO ORIGINAL CONDITION AND GUARANTEE SUCH RESTORED WORK TO THE SAME EXTENT AS IF IT WAS GUARANTEED UNDER SUCH OTHER CONTRACT.
- IF UPON FAILURE TO PROCEED PROMPTLY AFTER NOTICE TO COMPLY WITH THE TERMS OF THE GUARANTEE, THE OWNER MAY HAVE THE DEFECTS CORRECTED AND CONTRACTOR AND HIS SURETY SHALL BE LIABLE FOR ALL EXPENSES INCURRED.

1.03 CONTRACTORS RESPONSIBILITIES:

A. CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY INJURIES TO PEOPLE, EQUIPMENT OR DAMAGE DONE TO BUILDING PREMISES OR ADJOINING AREAS OR TO OTHER WORK RESULTING FROM EXECUTION ON HIS PART OF WORK, IN ANY MANNER WHATSOEVER.

B. CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER PROTECTION OF HIS WORK, MATERIALS, PEOPLE OR EMPLOYEES FROM INJURY OR LOSS OF DUE TO OTHERS, AND SHALL MAKE GOOD SUCH INJURY AT HIS OWN EXPENSE.

C. DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY.

D. ENGINEER SHALL NOT BE RESPONSIBLE FOR THE SAFETY OF CONTRACTOR EMPLOYEES, MATERIALS OR EQUIPMENT.

1.04 COORDINATION AND INTERPRETATION OF DRAWINGS:

A. THIS CONTRACTOR, PRIOR TO SUBMITTING BID SHALL VISIT THE PROJECT SITE TO BECOME FAMILIAR WITH ALL EXISTING CONDITIONS AND TO INSPECT THAT ALL PROVISIONS HAVE BEEN MADE FOR ALL ASPECTS OF THIS PROJECT.

B. IF DISCREPANCIES EXIST BETWEEN DRAWINGS AND/OR SITE CONDITIONS, THE HVAC CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE OWNER PRIOR TO SIGNING OF CONTRACT. REQUESTS FOR COMPENSATION FOR EXTRA WORK, WHICH WOULD HAVE BEEN EVIDENT BY COMPLIANCE WITH THE PREVIOUS STATEMENT, WILL NOT BE CONSIDERED.

C. MECHANICAL EQUIPMENT AND SUCH OTHER APPARATUS AS MAY REQUIRE MAINTENANCE AND OPERATION FROM TIME TO TIME SHALL BE MADE EASILY ACCESSIBLE. ALTHOUGH THE EQUIPMENT MAY BE SHOWN ON THE DRAWINGS IN CERTAIN LOCATIONS, THE CONSTRUCTION MAY DISCLOSE THAT SUCH LOCATIONS DO NOT MAKE ITS POSITION READILY ACCESSIBLE. IN SUCH CASES, THE OWNER OR HIS REPRESENTATIVE SHALL BE NOTIFIED BEFORE ADVANCING THE CONSTRUCTION TO A STAGE WHERE A CHANGE WOULD REFLECT ADDITIONAL EXPENSE.

D. IT SHALL BE THE RESPONSIBILITY OF THE HVAC CONTRACTOR TO STUDY ALL DRAWINGS AND DETAILS SO THAT THE INSTALLATION OF ALL NEW WORK CAN BE FULLY COORDINATED, COORDINATE WITH ALL TRADES TO AVOID INTERFERENCE OF EQUIPMENT.

E. HVAC WORK IS INDICATED DIAGRAMMATICALLY. EXACT LOCATION OF ALL COMPONENTS ARE TO BE DETERMINED IN THE FIELD AND BY THE ACTUAL BUILDING CONDITIONS. EQUIPMENT, DUCTS OR PIPES INTERFERING WITH OTHER INSTALLATIONS SHALL BE RELOCATED AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER.

F. HVAC CONTRACTOR SHALL COORDINATE ALL WALL, CEILING, FLOOR, ROOF AND BEAM PENETRATIONS WITH ARCHITECT AND STRUCTURAL ENGINEER.

1.05 DEMOLITION:

A. ALL DEMOLITION OF INACTIVE HVAC SYSTEMS WITHIN THE CONTRACT LIMITS SHALL BE BY THE GENERAL CONTRACTOR. EACH BIDDER FOR WORK UNDER THIS SECTION OF THE SPECIFICATION SHALL INCLUDE IN HIS BID ALL COSTS INVOLVED IN DISCONNECTING ALL PIPING, DUCTWORK AND UNUSED CONTROL WIRING SERVING EXISTING HVAC EQUIPMENT THAT IS TO BE REMOVED. COORDINATE WITH ALL SHOOTING OF EXISTING SYSTEMS AS REQUIRED, WITH THE ARCHITECT/OFFICE, THROUGH THE GENERAL CONTRACTOR.

B. CONTRACTOR SHALL VISIT SITE AND IDENTIFY EXISTING CONDITIONS AND DIFFICULTIES THAT WILL AFFECT WORK OF THIS SECTION. DEMOLITION WORK WILL REQUIRE CAREFUL SITE EXAMINATION PRIOR TO BIDDING.

C. PRIOR TO COMMENCING DEMOLITION, CONTRACTOR SHALL IDENTIFY WITH OWNER ANY EQUIPMENT TO BE RETURNED TO THE OWNER AFTER DEMOLITION. ALL OTHER DEBRIS SHALL BE DISPOSED OF BY THIS CONTRACTOR IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS.

D. THE MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISCONNECTION AND REMOVAL OF THE EXISTING MECHANICAL EQUIPMENT, DUCTWORK, PIPING, VALVES, ETC., IN DESIGNATED AREAS. CUT & CAP PIPING & DUCTWORK BACK TO MAINS, PATCH ALL ROOF AND WALL PENETRATIONS TO MATCH EXISTING.

E. THIS CONTRACTOR SHALL PROTECT WORK AGAINST INJURY OR DAMAGE, AND CAREFULLY STORE MATERIAL AND EQUIPMENT TO BE RELOCATED. OPEN ENDS OF WORK SHALL BE CLOSED WITH TEMPORARY COVERS OR PLUGS DURING STORAGE AND CONSTRUCTION TO PREVENT ENTRY OF OBSTRUCTING MATERIAL.

F. SEE MECHANICAL RELOCATION DRAWINGS FOR NEW LOCATIONS OF EQUIPMENT CALLED OUT TO BE RELOCATED. ALL RELOCATED EQUIPMENT SHALL HAVE ASSOCIATED ELECTRICAL AND CONTROLS EQUIPMENT RELOCATED ACCORDINGLY.

1.06 EQUIPMENT:

A. PRODUCTS REQUIRED BY CONSTRUCTION BUT NOT SPECIFICALLY DESCRIBED HEREIN SHALL BE AS SELECTED BY THE CONTRACTOR SUBJECT TO THE APPROVAL OF THE A/E.

B. PROVIDE ALL MATERIALS, LABOR, AND ACCESSORIES FOR A COMPLETE AND OPERABLE SYSTEMS AND AS REQUIRED BY THE EQUIPMENT MANUFACTURERS INSTALLATION INSTRUCTIONS.

C. PROVIDE VOLUME DAMPERS OR ACCEPTABLE AIR BALANCING DEVICES AT EACH BRANCH FROM MAIN DUCT RUN OUT AND EACH NECK TO AN INDIVIDUAL DIFFUSER, REGISTER OR GRILLE IN SUPPLY, RETURN AND EXHAUST DUCTS RESPECTIVE OF WHETHER DAMPER IS INDICATED ON PLANS.

D. PROVIDE ALL HANGERS AND SUPPORTS AS REQUIRED TO SUPPORT ALL NEW PIPING, DUCTWORK AND EQUIPMENT.

E. ALL EXPOSED EQUIPMENT (REGISTERS, UNIT HEATERS, ETC.) SHALL HAVE COLORS SELECTED BY THE ARCHITECT, UNLESS NOTED OTHERWISE.

F. DUCT MOUNTED SMOKE DETECTOR - FURNISHED AND INSTALLED BY HVAC CONTRACTOR AND WIRED BY THE ELECTRICAL CONTRACTOR, INSTALLED BY THE HVAC CONTRACTOR.

G. MOTORS: ALL MOTORS SHALL BE RATED AT 85% POWER FACTOR AT FULL RATED LOAD. MOTORS LESS THAN 85% POWER FACTOR TO BE CORRECTED TO 90% POWER FACTOR AT THE FACTORY. ALL MOTORS SHALL BE RATED PREMIUM EFFICIENCY. MOTORS USED WITH VARIABLE FREQUENCY DRIVES SHALL BE RATED FOR INVERTER DUTY.

H. STARTERS: STARTERS SHALL BE CUTLER HAMMER OR EQUAL, WITH PUSH BUTTONS, HSA SWITCHES, AUXILIARY CONTACTS, ETC. FURNISH STARTERS FOR MOTORS 1/2 HP AND OVER AND AS REQUIRED BY SEQUENCE OF OPERATION. STARTERS FOR MOTORS 200 V/3 PHASE AND OVER, USE PRODUCTS WITH BUILT-IN, 120-VOLT CONTROL CIRCUIT TRANSFORMER. THIS CONTRACTOR SHALL SUPPLY ALL STARTERS UNLESS SPECIFICALLY SHOWN OR SPECIFIED ELSEWHERE. ELECTRICAL CONTRACTOR SHALL INSTALL STARTERS.

I. DISCONNECTS PROVIDED BY THIS CONTRACTOR WILL BE INSTALLED BY ELECTRICAL CONTRACTOR, WITH THE EXCEPTION OF FACTORY MOUNTED DISCONNECTS.

J. PROVIDE VIBRATION ISOLATION ON MOTOR DRIVEN EQUIPMENT 6.5 HP (0.35 KW) TO 10 HP (7.5 KW), PLUS CONNECTED PIPING AND DUCTWORK, COMPLY WITH MINIMUM STATIC DEFLECTIONS AS RECOMMENDED BY ASHRAE FOR SELECTION AND APPLICATION OF VIBRATION ISOLATION MATERIALS AND UNITS.

K. THIS BUILDING IS CLASSIFIED AS GROUP I FOR SEISMIC HAZARD EXPOSURE AND CATEGORY "C" FOR SEISMIC PERFORMANCE. ALL SUPPORTS AND ANCHORS SHALL BE DESIGNED AND INSTALLED PER REQUIREMENTS FOR THESE CLASSIFICATIONS AS OUTLINED IN THE RI STATE BUILDING CODE. SITE LOCATION AND PREVAILING ORIENTATION SHALL BE TAKEN INTO ACCOUNT IN THE DESIGN.

1.07 EXECUTION:

A. ALL ROUGH CUTTING, CORE DRILLING AND PATCHING REQUIRED FOR INSTALLATION OF THE MECHANICAL SYSTEM SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR. ALL FINISH PATCHING RELATIVE TO THIS CONTRACTOR'S WORK SHALL BE THE RESPONSIBILITY OF OTHER TRADES IN ACCORDANCE WITH THE SECTIONS OF THIS SPECIFICATION. COORDINATE ALL WORK FOR A COMPLETE AND FINISHED INSTALLATION.

B. INSTALL ALL MATERIALS, ACCESSORIES AND EQUIPMENT ACCORDING TO MANUFACTURERS' INSTALLATION INSTRUCTIONS FOR A COMPLETE AND OPERABLE SYSTEMS AS INDICATED ON THE DRAWINGS MANUFACTURERS' INSTRUCTIONS.

C. INSTALLATION OF THE HVAC SYSTEM SHALL PERMIT ACCESSIBILITY FOR SERVICE AND/OR REPLACEMENT OF NEW AND EXISTING EQUIPMENT.

D. ALL MISCELLANEOUS STRUCTURAL SUPPORTS REQUIRED FOR HVAC EQUIPMENT INSTALLATION SHALL BE PROVIDED BY MECHANICAL CONTRACTOR.

E. INSTALL ALL PIPING BELOW DUCTWORK UNLESS CLEARANCE CONDITION REQUIRES PIPING TO BE ABOVE.

F. WHERE DUCTWORK PENETRATES ANY SMOKE AND/OR FIRE RATED PARTITIONS PROVIDE UL LISTED DYNAMIC FIRE AND/OR SMOKE DAMPERS PER NFPA GUIDELINES. INSTALL PER MANUFACTURERS' INSTRUCTIONS.

H. ALL CEILING MOUNTED EQUIPMENT SHALL BE INSTALLED IN SUCH A WAY THAT LIGHTS, PIPING, AND DUCTWORK DO NOT BLOCK ACCESS TO UNITS AND RELATED ACCESSORIES.

H. EXACT LOCATION OF CEILING DIFFUSERS, GRILLES AND REGISTERS TO BE DETERMINED BY ARCHITECTURAL REFLECTED CEILING PLAN. ENGINEERS SHALL APPROVE FINAL LOCATION IF LOCATION OF CEILING DIFFUSERS SHOWN ON THE MECHANICAL PLANS ARE DIFFERENT THAN THE REFLECTED CEILING PLANS BY MORE THAN ONE CEILING TILE.

I. EXACT ELEVATION FOR SIDE WALL DIFFUSERS, REGISTERS AND GRILLES SHALL BE APPROVED BY THE ARCHITECT BEFORE INSTALLATION.

J. INSTALL ROOM THERMOSTATS 54" (MAXIMUM) ABOVE FINISHED FLOOR OR AS OTHERWISE DIRECTED BY THE ARCHITECT.

K. CONTRACTOR SHALL FLASH & SEAL ALL ROOF PENETRATIONS PER ROOFING MANUFACTURERS' REQUIREMENTS IN ORDER TO MAINTAIN INTEGRITY OF EXISTING WARRANTY. COORDINATE THESE REQUIREMENTS WITH ROOFING MANUFACTURER, OWNER, ARCHITECT, ENGINEER AND ACTUAL FIELD CONDITIONS PRIOR TO SUBMITTING A BID. NO PENETRATIONS WILL BE ALLOWED UNTIL FINAL WRITTEN APPROVAL OF METHODS AND MATERIALS IS RECEIVED FROM THE ROOFING MANUFACTURER.

L. CONTRACTOR TO DRAIN, FLUSH, FILL AND BALANCE ALL SYSTEMS AS REGD TO COMPLETE THE WORK.

PART 2 - EQUIPMENT:

2.01 GENERAL DUCTWORK:

A. ALL DUCTWORK SHALL BE OF TOP GRADE GALVANIZED STEEL, CONSTRUCTED AND SUPPORTED AS PER S.I.A.C.A. A. LOW PRESSURE STANDARDS. SQUARE THROUGH ROUND AND HELL ELBOWS ARE NOT ACCEPTABLE. ALL ELBOWS SHALL BE SQUARE WITH TURNING VANES OR LONG RADIUS TYPE. ALL JOINTS, SEAMS, AND FITTINGS SHALL BE AIR AND WATER TIGHT USING SOLDER JOINTS, COMPOUND OR SILICONE AND SHALL BE FORMED TO PROVIDE A MINIMUM RESISTANCE TO THE AIR FLOW.

B. ALL RECTANGULAR DUCTS TO BE INSULATED SHALL BE PANELED FOR STIFFENING. ALL OTHER DUCTWORK SHALL BE CROSS BROKEN TO PREVENT VIBRATION.

C. ALL DUCTWORK CONSTRUCTION SHALL BE OF FABRICATED SHEET METAL, NO DUCT BOUND OR FLEXIBLE DUCT WILL BE ACCEPTABLE AND BE BUILT IN ACCORDANCE WITH "SMACNA" STANDARDS AND PUBLICATION TITLED "HVAC DUCT CONSTRUCTION STANDARDS".

D. DUCTWORK DIMENSIONS INDICATED ON DRAWINGS ARE NET INSIDE DIMENSIONS REQUIRED FOR AIRFLOW. INCREASE DUCTWORK TO ALLOW FOR INTERNAL INSULATION THICKNESS.

E. FLEXIBLE CONNECTION: ATTACH AT INLET AND OUTLET OF FANS SO THAT METAL IS SEPARATED BY 6" MINIMUM AND SO THAT JOINT IS AIR TIGHT. PROVIDE FLEXIBLE CONNECTION AT ALL MOTORIZED EQUIPMENT AND AT BUILDING EXPANSION JOINTS. USE NEOPRENE HEAVY DUTY TYPE 6 INCH CLEAR DUCT TO DUCT.

F. ALL DUCTWORK SEAMS AND JOINTS SHALL BE SEALED WITH MASTIC BEFORE INSULATION IS INSTALLED. INSPECTION OF THIS SHALL BE COMPLETED BY OWNER BEFORE INSULATION IS INSTALLED.

G. (NO FLEXIBLE DUCT WILL BE ACCEPTABLE) ALL FLEX DUCT USED SHALL BE OF THE INSULATED TYPE, AND SHALL NOT EXCEED SIX FEET (6'-0") IN LENGTH.

H. FLEX DUCT CAN BE USED FROM THE DIFFUSER ADAPTER BACK TO THE RIGID SHEET METAL.

I. LOW PRESSURE INSULATED FLEXIBLE DUCT SHALL BE A MAXIMUM OF SIX (6) FEET LONG AND SHALL BE SIZED AS FOLLOWS:

CFM	FLEX DUCT DIAMETER
6-10	6"
11-20	8"
21-40	10"

J. QUADRANT DAMPERS OR BLASTGATES SHALL BE PROVIDED WITH A LOOKING DEVICE TO PERMANENTLY SET AIR VOLUME.

K. DUCT SUPPORTS SHALL BE SPACED NOT MORE THAN 8'-0" c/c. AND SHALL BE STEEL STRAP HANGERS, (PERFORATED STRAP NOT PERMITTED) FOR DUCTS UP TO 30" WIDE. ANGLE HANGERS FOR DUCTS OVER 30" WIDE. STRAP HANGERS SHALL BE 1" x 16 GAUGE MINIMUM EXTENDING ON BOTH SIDES OF DUCT AND HANGING UNDER 2", FASTENED TO SIDES AND BOTTOM WITH SHEET METAL SCREWS.

L. ACCESS DOORS: WHEREVER MECHANISMS REQUIRING ACCESS FOR OPERATION ARE CONCEALED IN STRUCTURE AND WHEREVER ALSO INDICATED ON THE DRAWINGS OR WHERE SO DIRECTED, CONTRACTOR SHALL SUPPLY ACCESS DOORS OF SIZES NECESSARY TO PROVIDE READY ACCESS TO CONCEALED ITEMS. USE PYROGLASS ACCESS DOORS, OR APPROVED EQUAL. ACCESS DOORS SHALL MATCH RATINGS TO WHICH IT IS INSTALLED. DOORS SHALL BE ONE INCH INSULATED HINGE CAM MODELS. USE PYROGLASS ACCESS DOORS, OR APPROVED EQUAL. ACCESS DOORS SHALL MATCH RATING TO WHICH IT IS INSTALLED. DOORS SHALL BE ONE INCH INSULATED HINGE CAM MODELS.

A. KITCHEN EXHAUST DUCTS: DUCTS SHALL BE CONSTRUCTED OF AND SUPPORTED BY NO LESS THAN 18 GAUGE 304 STAINLESS STEEL (WHERE EXPOSED) OR 16 GAUGE CARBON STEEL (WHERE CONCEALED). ALL SEAMS, JOINTS, PENETRATIONS AND CONNECTIONS SHALL HAVE A LIQUID-TIGHT EXTERNAL WEED, ON HORIZONTAL DUCTS AT LEAST ONE 20 X 20 OPENING SHALL BE PROVIDED FOR PERSONNEL ENTRY. WHERE AN OPENING OF THIS SIZE IS NOT POSSIBLE, OPENINGS LARGE ENOUGH TO PERMIT THROUGH CLEANING SHALL BE PROVIDED AT 10' FT INTERVALS. ON VERTICAL RUNS OF DUCTWORK WHERE PERSONNEL ENTRY IS NOT POSSIBLE, PROVIDE CLEANOUTS ON EACH FLOOR.

2.02 DUCT INSULATION:
A. ALL INSULATION SHALL CONFORM WITH ALL FIRE HAZARD RATINGS AS DETERMINED BY NFPA 255. *METHOD OF TEST OF SURFACE BURNING CHARACTERISTICS OF BUILDING MATERIALS* ASTM E84 OR UL 723. IN GENERAL, THE FIRE HAZARD RATING SHALL NOT EXCEED A FLAME SPREAD RATING OF 25 OR SMOKE DEVELOPED RATING OF 50.

B. SUPPLY, RETURN AND OUTSIDE AIR INTAKE DUCTWORK SHALL BE INSULATED WITH 2" MINIMUM R-8 FIBERGLASS DUCT INSULATION AS MANUFACTURED BY OWENS CORNING OR JOHNS MANVILLE. INSULATION SHALL HAVE A FOIL-FACED VAPOR BARRIER.

1. EXTERIOR OF DUCT IN CONCEALED SPACES: WRAP TIGHTLY, BUTT CIRCUMFERENTIAL JOINTS AND OVERLAP LONGITUDINAL JOINTS A MINIMUM OF TWO INCHES. ADHERE TO DUCT WITH FOUR-INCH STRIPS OF INSULATION BONDING ADHESIVE 8" OC. DUCTWORK OVER 24" WIDE: SECURE WITH MECHANICAL FASTENERS NOT MORE THAN 18" OC. CIRCUMFERENTIAL JOINTS: SECURE THE TWO-INCH FLANGE OF THE FACING WITH 9/16" FLARE DOOR STAPLES 8" OC AND TAPE WITH MINIMUM OF THREE-INCH-WIDE FOIL REINFORCED KRAFF TAPE. TAPE PN PENETRATIONS AND PLUNCTIONS. IN EXP'CED APPLICATIONS, COVER JOINTS WITH THREE-INCH-WIDE, FOIL REINFORCED KRAFF TAPE.

C. WHERE NOTED ON DRAWINGS, SUPPLY, RETURN, AND EXHAUST DUCTS SHALL ALSO BE INTERNALLY SOUND LINED WITH 1/4" LINACUSTIC R-300 FOR RECTANGULAR DUCT AND SPRINGCUSTIC PLUS FOR ROUND DUCT MANUFACTURED BY JOHNS MANVILLE (1/4" IMCOA SHEET CLOSED CELL ENGINEERED POLYMER FOAM INSULATION). INTERNAL DUCT LINING SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS' INSTRUCTIONS. DUCTWORK MUST BE CLEANED AND PROPERLY PREPARED. ALL DUCT LINING SHALL BE SECURED WITH MECHANICAL FASTENERS IN ADDITION TO ADHESIVES.

D. AT DAMPER AND DUCT ACCESS DOOR LOCATIONS, CUT INSULATION BACK TO EXPOSE DAMPER ADJUSTER AND ACCESS DOOR TAPE SEAL INSULATION TO DUCT. PROVIDE AN INSULATION "DOOR" TO COVER THE ACCESS POINT AND MARK THE "DOOR" WITH HIGHLY VISIBLE MARKER OR TAPE.

E. ALL EXPOSED SHEET METAL DUCTWORK SHALL BE INTERNALLY LINED WITH MINIMUM 1/4" FLEXIBLE GLASS FIBER WITH ACRYLIC POLYMER AIR STREAM COATING INSULATION, HAVING A K VALUE OF 0.23 AT 75°F, AND BE RATED FOR VELOCITIES UP TO 3000 FPM. ADHESIVES SHALL BE WATERPROOF AND FIRE RESISTIVE TO NFPA 255.

F. KITCHEN EXHAUST DUCTWORK: 3M FIRE BARRIER DUCT WRAP 20A, MATERIAL: PATENTED INORGANIC BLANKET ENCAPSULATED WITH A SCRUM-REINFORCED FOIL. DUCT SHALL BE ALUMINUM. WEIGHT SHALL BE 13 PSF @ 83 KG/SM. THERMAL CONDUCTIVITY AT 500 DEGREES: 0.471 BTU/12IN^2HR^2F. SURFACE BURNING CHARACTERISTICS (ASTM E84): FLAME SPREAD INDEX 0, SMOKE DEVELOPED INDEX 0, COMBUSTIBILITY (ASTM E136): NONCOMBUSTIBLE.

2.03 DAMPERS:
A. ALL DAMPERS SHALL BE AT LEAST ONE GAUGE HEAVIER THAN DUCT IN WHICH INSTALLED, REINFORCED AS NECESSARY AND EQUIPPED WITH QUADRANT AND LOCKING DEVICE.

B. MANUAL DAMPERS SHALL BE YOUNG REGULATOR OPPOSED BLADE TYPE WITH FACTORY INSTALLED LOCKING HAND QUADRANTS EXTENDED 2".

2.04 VOLUME DAMPER:
A. PROVIDE YOUNG REGULATOR MANUAL ADJUSTABLE RECTANGULAR OPPOSED BLADE DAMPERS FOR DUCT HEIGHTS LESS THAN 12" WITH FACTORY-INSTALLED LOCKING HAND QUADRANTS EXTENDED 2" FOR ALL DAMPERS INSTALLED IN EXTERNALLY INSULATED DUCT. ON EACH SUPPLY, RETURN AND GENERAL EXHAUST DUCT TAKE-OFF & AT EACH TAKE-OFF TO REGISTER, GRILLE OR DIFFUSER.

B. DAMPERS ARE MANUFACTURED APPROXIMATELY 5/16" SMALLER IN WIDTH AND 1/8" SMALLER IN HEIGHT THAN SIZE OF DUCT IN WHICH THEY ARE INSTALLED, E.G., NOMINAL DAMPER SIZE IS 24" X 10"; ACTUAL SIZE IS APPROXIMATELY 23-11/16" X 9-7/8".

C. DAMPER FRAME SHALL BE CONSTRUCTED OF #6033 EXTRUDED ALUMINUM REINFORCED CHANNEL WITH MINIMUM THICKNESS OF .050". OPPOSED DAMPER BLADES SHALL BE #6033 EXTRUDED ALUMINUM WITH MINIMUM THICKNESS OF .050" AND SHALL INCLUDE REINFORCING RISERS. EACH BLADE SHALL BE SUPPORTED IN THE DAMPER FRAME BY INDIVIDUAL TIEFOL AXLE BEARINGS, AND SHALL BE DRIVEN BY STAINLESS STEEL CONNECTING SLIDE LINKAGE CONTROLLED BY 3/8" SQUARE STEEL CONTROL SHAFT.

D. DAMPERS 12" AND LARGER IN HEIGHT SHALL BE OPPOSED MULTI-BLADE EQUAL TO GREENECK, RUSKIN, OR VENT PRODUCTIONS.

E. DAMPER BLADES SHALL BE TWO GAUGES HEAVIER THAN ADJOINING DUCTWORK, AND SHALL BE RIVETED TO SUPPORTING ROHS. HOE OVER EDGES PARALLEL TO ROHS.

F. BRACKETS SHALL BE GALVANIZED METAL, SECURED TO DUCTWORK WITH SHEET METAL SCREW WITH LOCKING QUADRANT ARMS (SEE SEAL CLASS SECTION FOR ADDITIONAL REQUIREMENTS). PROVIDE 2" HANDLE EXTENSION FOR ALL DAMPERS ON EXTERNALLY INSULATED DUCTWORK.

G. WHERE DAMPERS ARE INACCESSIBLE, USE YOUNG REGULATOR LOCKING TYPE CEILING REGULATORS AND MITER GEAR OR WORM GEAR FOR ALL HORIZONTAL PARTITIONS. BEARING COUPLING FOR BOTTOM DUCT CONTROL MAY BE USED FOR SHAFT ON VERTICAL BLADE DAMPERS. THE 3/8" ROD BETWEEN CEILING REGULATOR AND DAMPER SHALL BE PROVIDED BY CONTRACTOR.

H. WHERE DAMPERS ARE INACCESSIBLE PROVIDE REMOTE VOLUME DAMPER BY YOUNG REGULATOR MODEL BOWDEN CABLE WITH CONTROL KIT MODEL 270-275, WITH YOUNG SS304-CC-2 VOLUME DAMPER. INSTALL DAMPER OPERATOR INSIDE DUCTWORK NEXT TO GRILLE FOR EASY ACCESSIBILITY. THE 3/8" ROD BETWEEN REGULATOR AND DAMPER SHALL BE PROVIDED BY CONTRACTOR.

2.05 FIRE DAMPERS:
A. PROVIDE FIRE DAMPERS THROUGHOUT AIR DISTRIBUTION SYSTEM AS REQUIRED BY APPLICABLE CODES, STANDARDS AND AUTHORITIES. PROVIDE ACCESS DOOR FOR EACH FIRE DAMPER OF SUFFICIENT SIZE TO REPAIR INTERNAL LINK.

B. DAMPERS SHALL BE APPROVED FUSIBLE-LINK SELF-CLOSING SPRING LOADED TYPE.

C. FRAME SHALL BE FITTED WITH ANGLE IRON STOP AND STAINLESS STEEL SPRING LATCH, AND SHALL BE SECURELY FASTENED TO BUILDING CONSTRUCTION.

D. USE OF DAMPERS SHALL NOT REDUCE NET FREE AREA OF DUCT BELOW THAT SHOWN ON DRAWINGS. FIRE DAMPERS SHALL BE TYPE B WITH BLADES OF DAMPERS OUT OF AIR STREAM.

E. SAMPLES OF FIRE DAMPERS SHALL BE SUBMITTED TO AND APPROVED BY LOCAL AUTHORITIES HAVING JURISDICTION.

F. DAMPERS SHALL BEAR 1-1/2 OR 3 HOUR UL-RATING FIRE DAMPER LABEL, AND SHALL BE CONSTRUCTED AND INSTALLED AS REQUIRED BY UL-555.

G. FIRE DAMPERS SHALL BE GREENECK, RUSKIN, OR NALOR INDUSTRIES FOR USE IN THE PROPER DUCT PRESSURE CLASSIFICATION.

H. DAMPERS SHALL BE INSTALLED PER SMACNA WITH BREAKAWAY CONNECTIONS AND NOSE PIECES ON DUCT HVAC DUCT CONSTRUCTION LINER (REFER TO SMACNA STANDARDS AND MANUFACTURERS' INSTRUCTIONS).

2.06 REGISTERS, GRILLES & DIFFUSERS:

A. APPROVIDE ALUMINUM CONSTRUCTION DIFFUSERS, REGISTERS AND GRILLES WITH SIZES AS NOTED ON THE DRAWINGS AND HEREIN SPECIFIED. REGISTERS AND GRILLES SHALL BE AS MANUFACTURED BY METALAIR, TULLICE, BAILEY, OR NALOR.

B. DISTRIBUTION DEVICES SHALL BE FACTORY PRIMED AND FINISH PAINTED BY THE MANUFACTURER IN COLOR AS APPROVED BY THE ARCHITECT, DURING SHOP DRAWINGS.

C. COORDINATE GRILLES WITH CEILING AND WALL CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LENGTHS AND FOR FRAMING AND MITERING ARRANGEMENTS THAT MAY DIFFER FROM THOSE SHOWN ON HVAC DRAWINGS.

D. INSTALL GRILLES IN STRICT ACCORDANCE WITH THE MANUFACTURERS INSTALLATION INSTRUCTIONS.

2.07 REFRIGERANT PIPE INSULATION:
A. PROVIDE AND INSTALLED 3/4" THICK INSULATION ON ALL PIPING MANUFACTURED BY ARMCCELL.

B. INSULATION MATERIAL SHALL BE A FLEXIBLE, CLOSED-CELL ELASTOMERIC INSULATION IN TUBULAR FORM MODEL ARMAFLEX XS. PRODUCT SHALL MEETS THE REQUIREMENTS AS DEFINED IN ASTM C 534. "SPECIFICATION FOR PREFORMED ELASTOMERIC CELLULAR THERMAL INSULATION IN SHEET AND TUBULAR FORM."

C. INSULATION MATERIALS SHALL HAVE A CLOSED-CELL STRUCTURE TO PREVENT MOISTURE FROM WICKING WHICH MIGHT EFFECTIVE INSULATION.

D. INSTALL PIPE INSULATION BY SLITTING TUBULAR SECTIONS AND APPLYING ONTO PIPING. ALL SEAMS AND BUTT JOINTS SHALL BE ADHERED AND SEALED USING ARMAFLEX S20 OR S20 BLVD/ADHESIVE, WHEN USING AN ARMAFLEX XS, ONLY THE BUTT JOINTS SHALL BE ADHERED USING ARMAFLEX S20 OR S20 BLVD/ADHESIVE.

E. INSULATION SHALL BE PUSHED ONTO THE PIPE, NEVER PULLED. STRETCHING OF INSULATION MAY RESULT IN OPEN SEAMS AND JOINTS.

F. ALL EDGES SHALL BE CLEAN CUT, ROUGH OR JAGGED EDGES OF THE INSULATION SHALL NOT BE PERMITTED. PROPER TOOLS SUCH AS SHARP NON-SERRATED KNIVES MUST BE USED.

G. ON COLD PIPING, INSULATION SHALL BE ADHERED DIRECTLY TO THE PIPING AT THE HIGH END OF THE RUN USING A TWO-INCH STRIP OF ARMAFLEX S20 OR S20 BLVD/ADHESIVE ON THE ID OF THE INSULATION AND ON THE PIPE. ALL EXPOSED ENDS OF THE INSULATION SHALL BE COATED WITH ARMAFLEX S20 OR S20 BLVD/ADHESIVE. ALL PENETRATIONS THROUGH THE INSULATION AND TERMINATION POINTS MUST BE ADHERED TO THE SUBSTRATE TO PREVENT CONDENSATION MIGRATION.

H. EXTEND PIPING INSULATION WITHOUT INTERRUPTION THROUGH WALLS, FLOORS AND SIMILAR PIPING PENETRATIONS, EXCEPT WHERE OTHERWISE SPECIFIED.

I. HANGERS: ARMAFIX SHALL BE USED TO PREVENT COMPRESSION OF INSULATION AT STANDARD SPLIT. CLEVIS HANGERS OR OTHER PIPE SUPPORT SYSTEMS TO MINIMIZE THE MOVEMENT OF ARMED INSULATION THAT A PARALLEL TO THE CLAMPS, INSTEAD, USE OF AN ANTIVIBRATORY FASTENER, SUCH AS A NYLON LOCKING NUT, IS ALSO RECOMMENDED.

J. PVC PIPE JACKET: PROVIDE AND INSTALL ZESTON 300 SERIES PVC HEAVY-DUTY FITTING COVERS AND DESIGN PVC PIPE JACKET ON ALL EXTERIOR PIPING SPECIFICALLY DESIGNED FOR INDUSTRIAL AND COMMERCIAL APPLICATIONS.

2.08 PIPING:

A. CONDENSATE:
1. PVC PIPE: ASTM D1785, SCHEDULE 40
2. FITTINGS: ASTM D2466 OR D2467, PVC.
3. JOINTS: ASTM D2855, SOLVENT WELD.
4. PITCH ALL PIPING 1/4" - 1'-0".

B. REFRIGERANT PIPING:
1. COPPER TUBING: ASTM B88, TYPE AC, HARD DRAWN.
2. FITTINGS: ASME B16.18, CAST BRASS, OR ASME B16.22, SOLDER WROUGHT COPPER.
3. JOINTS: SOLDER, 95-TIN-ANTIMONY, OR TIN AND SILVER, WITH MELTING RANGE 430 TO 535 DEGREES F.

C. UNIONS: USE DIELECTRIC UNIONS, FLANGES OR WATERWAYS TO CONNECT DISSIMILAR METAL PARTS.

D. PIPE SLEEVES: THROUGH OUTSIDE MASONRY WALLS AND BELOW GRADE MASONRY WALLS, USE SCHEDULE 40 DUCTILE IRON CASKED AND WATER-TIGHT, THROUGH MASONRY FLOORS OR INTERIOR MASONRY WALLS AND FIRE RATED ASSEMBLIES, USE SCHEDULE 40 GALVANIZED STEEL PIPE THROUGH INTERIOR NON-FIRE RATED STUD PARTITIONS. USE 22-GAUGE GALVANIZED SHEET METAL.

E. ESCUTCHEONS: ESCUTCHEONS FOR PIPES PASSING THROUGH OUTSIDE WALLS SHALL BE SOLID CAST BRASS, FLAT TYPE, SECURED TO PIPE WITH A SET SCREW. ESCUTCHEONS FOR PIPES PASSING THROUGH FLOORS SHALL BE SPLIT HINGED, CAST BRASS TYPE DESIGNED TO FIT ON ONE END AND COVER SLEEVE PROJECTION THROUGH FLOOR ON OTHER END. ESCUTCHEONS FOR PIPES PASSING THROUGH INTERIOR WALLS, PARTITIONS AND CEILINGS SHALL BE SPLIT-HINGED, CAST BRASS, CHROMIUM PLATED TYPE, RITTER PATTERNS, CASTING CO., #3A, BEATON & CORBIN AND/OR CALDWELL PRODUCTS WILL BE ACCEPTABLE.

F. FANS: CONDENSER FAN SHALL BE DIRECT-DRIVE PROPELLER TYPE, DISCHARGING AIR UPWARD. CONDENSER FAN MOTOR SHALL BE TOTALLY ENCLOSED. 1-PHASE TYPE WITH CLASS B INSULATION AND PERMANENTLY LUBRICATED BEARINGS



1 ELECTRICAL - DEMOLITION - FIRST FLOOR OVERALL
 1/16" = 1'-0"
 0 10 20

GENERAL DEMOLITION SHEET NOTES

- REFER TO DEMOLITION SECTION OF SPECIFICATION FOR ADDITIONAL REQUIREMENTS.
- WHERE DOWNSTREAM FUTURE OR DEVICES ARE AFFECTED BY THE BRANCH CIRCUIT BEING DEMOLISHED, THE CONTRACTOR SHALL PROVIDE NEW SERVICES AS REQUIRED TO MAINTAIN SUCH DOWNSTREAM DEVICES.
- IF NOT THE INTENTION OF THESE DRAWINGS TO SHOW ALL FUTURES AND DEVICES TO BE DISCONNECTED AND/OR REMOVED, IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO VISIT THE SITE PRIOR TO SUBMITTING THEIR BID TO DETERMINE THE EXACT QUANTITY AND TYPES OF EQUIPMENT TO BE REMOVED.
- PARTICULAR CARE SHALL BE TAKEN TO AVOID CREATING HAZARDS ON THE PROJECT OR CAUSING DISRUPTION OF SERVICES REMAINING.
- ALL EXISTING EQUIPMENT NOTED TO BE REMOVED SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER. ALL EXISTING EQUIPMENT NOTED TO BE TURNED OVER TO THE OWNER SHALL BE PRESENTED TO THE OWNER IN GOOD CONDITION AT A LOCATION DESIGNATED BY THE OWNER. ALL OTHER EQUIPMENT SHALL BE REMOVED FROM THE SITE.
- REMOVE ALL ABANDONED CONDUCTORS AND EQUIPMENT NOT BUILT INTO THE BUILDING CONSTRUCTION. WHERE CEILING AND WALLS ARE REMOVED, ABANDONED WIRING SHALL BE REMOVED AND END OF LIFE SERVICES TO BE DISCONNECTED AND CUT-OFF.
- ABANDONED ELEMENTS BUILT INTO WALLS SHALL BE MARKED "ABANDONED".
- DEMOLITION DRAWINGS HAVE BEEN COMPILED FROM EXISTING DRAWINGS FURNISHED BY THE OWNER SOLELY FOR THE PURPOSE OF AIDING THE CONTRACTOR IN UNDERSTANDING THE REQUIRED PROJECT DEMOLITION AND FINISHING. THESE DRAWINGS DO NOT REFLECT ALL EQUIPMENT, DEVICES, AND MATERIALS TO BE REMOVED AND/OR RELOCATED.
- E.C. SHALL TRACE AND TAG ALL EXISTING CIRCUIT BREAKERS AND BRANCH CIRCUIT WIRING SERVING ALL EQUIPMENT AND DEVICES TO BE REMOVED TO ALLOW FOR RE-USE UNDER THE NEW SCOPES OF WORK. WHERE CIRCUITS ARE FOUND TO BE SHARED WITH EQUIPMENT AND DEVICES TO REMAIN, THE FULL LOAD OF THE CIRCUIT SHALL BE METERS IN ORDER TO DETERMINE REMAINING CAPACITY.

EXISTING ELECTRICAL EQUIPMENT LEGEND

- ALL ITEMS SHOWN ARE NOT NECESSARILY USED ON THIS PROJECT.
- EXISTING ELECTRICAL EQUIPMENT WITHOUT A DESIGNATION IS TO REMAIN.
 - REMOVE EXISTING ELECTRICAL EQUIPMENT WHICH IS TO BE REMOVED. PULL BACK WIRING AND CONDUIT BACK TO NEXT ACTIVE OUTLET OR POWER SOURCE.
 - RELOCATE EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED AND RELOCATED. EXISTING CIRCUIT SHALL BE EXTENDED TO NEW LOCATION OR RELOCATED EXISTING ELECTRICAL EQUIPMENT.
 - RELOCATE EXISTING ELECTRICAL EQUIPMENT.
 - REMOVE EXISTING ELECTRICAL EQUIPMENT/TOOLS TO REMAIN. EXISTING CIRCUIT WIRING SHALL BE REMOVED. PULL BACK WIRING AND CONDUIT BACK TO NEXT ACTIVE OUTLET FOR POWER SOURCE. ALL HIGH-CAPACITY INTERLOCKING WIRING SHALL REMAIN. REFER TO RENOVATION PLANS FOR NEW CIRCUIT INFORMATION.
 - REMOVE EXISTING ELECTRICAL EQUIPMENT/TOOLS TO BE REMOVED. EXISTING CIRCUIT WIRING AND BACK BOX SHALL REMAIN. NEW DEVICE SHALL BE LOCATED IN PLACE. EXTEND CIRCUIT WIRING TO NEW ELECTRICAL EQUIPMENT DEVICE.

- GENERAL NOTES:**
- DOTTED SYMBOLS INDICATE EXISTING ELECTRICAL EQUIPMENT.
 - REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THE CONTINUITY OF ALL EXISTING CIRCUITS WHICH ARE REMAINING.

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Architecture - Project Management - Interior Design

Project
Coventry Dep. of Public Works
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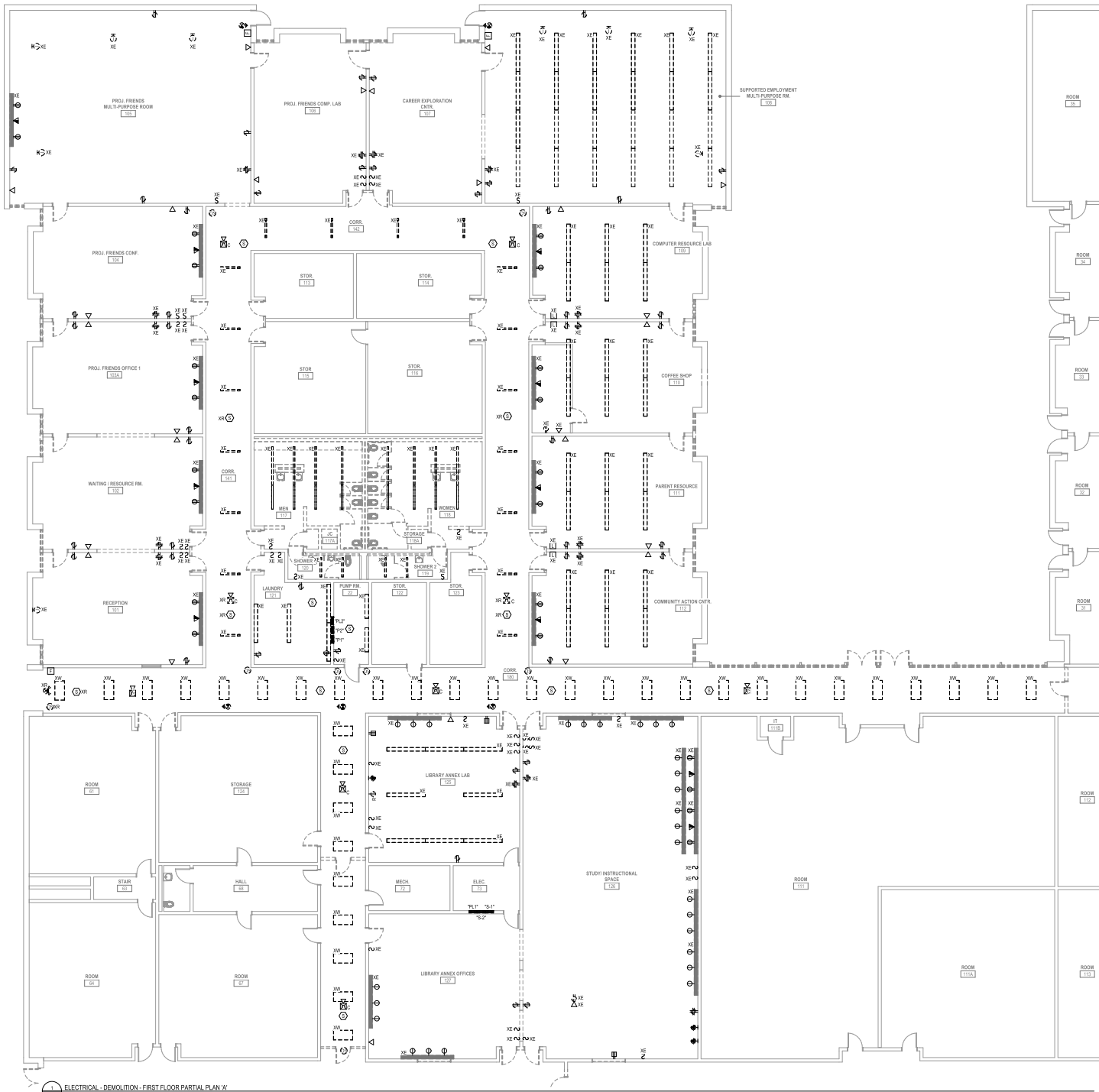
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CONSTRUCTION DOCUMENTS

Issued On: 08/29/2024
 Sheet Contents
ELECTRICAL - FIRST FLOOR OVERALL

Project Number: 0834
 Drawing No: **E100**

Sheet of



GENERAL DEMOLITION SHEET NOTES

- REFER TO DEMOLITION SECTION OF SPECIFICATION FOR ADDITIONAL REQUIREMENTS.
- WHERE DOWNSTREAM FUTURE OR DEVICES ARE AFFECTED BY THE BRANCH CIRCUIT WIRING DEMOLITION WORK, THE CONTRACTOR SHALL PROVIDE NEW SERVICES AS REQUIRED TO MAINTAIN SUCH DOWNSTREAM DEVICES.
- IF IT IS NOT THE INTENTION OF THESE DRAWINGS TO SHOW ALL FUTURES AND DEVICES TO BE DISCONNECTED AND/OR REMOVED, IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO VISIT THE SITE PRIOR TO SUBMITTING THESE BID TO DETERMINE THE EXACT QUANTITY AND TYPES OF EQUIPMENT TO BE REMOVED.
- PARTICULAR CARE SHALL BE TAKEN TO AVOID CREATING HAZARDS ON THE PROJECT OR CAUSING DISRUPTION OF SERVICES REMAINING.
- ALL EXISTING EQUIPMENT INDICATED TO BE REMOVED SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER. ALL EXISTING EQUIPMENT INDICATED TO BE TURNED OVER TO THE OWNER SHALL BE PRESENTED TO THE OWNER IN GOOD CONDITION AT A LOCATION DESIGNATED BY THE OWNER. ALL OTHER EQUIPMENT SHALL BE REMOVED FROM THE SITE.
- REMOVE ALL ABANDONED CONDUCTORS AND EQUIPMENT NOT BUILT INTO THE BUILDING CONSTRUCTION WHERE CEILING AND WALLS ARE REMOVED. ABANDONED WIRING SHALL BE REMOVED AND PROTECTED TO BE DISCONNECTED AND CUT-OFF.
- ABANDONED ELEMENTS BUILT INTO WALLS SHALL BE MARKED "ABANDONED".
- DEMOLITION DRAWINGS HAVE BEEN COMPILED FROM EXISTING DRAWINGS FURNISHED BY THE OWNER SOLELY FOR THE PURPOSE OF AIDING THE CONTRACTOR IN UNDERSTANDING THE REQUIRED PROJECT DEMOLITION AND FINISHING AND THESE DRAWINGS DO NOT REFLECT ALL EQUIPMENT, DEVICES, AND MATERIALS TO BE REMOVED AND/OR RELOCATED.
- E.C. SHALL TRACE AND TAG ALL EXISTING CIRCUIT BREAKERS AND BRANCH CIRCUIT WIRING SERVING ALL EQUIPMENT AND DEVICES TO BE REMOVED TO ALLOW FOR REUSE UNDER THE BEST POSSIBLE SCENARIO. WHERE CIRCUITS ARE FOUND TO BE SHARED WITH EQUIPMENT AND DEVICES TO REMAIN, THE FULL LOAD OF THE CIRCUIT SHALL BE METERS IN ORDER TO DETERMINE REMAINING CAPACITY.

EXISTING ELECTRICAL EQUIPMENT LEGEND

- ALL ITEMS SHOWN ARE NOT NECESSARILY USED ON THIS PROJECT.
- EXISTING ELECTRICAL EQUIPMENT WITHOUT A DESIGNATION IS TO REMAIN.
 - "XE" INDICATES EXISTING ELECTRICAL EQUIPMENT WHICH IS TO BE REMOVED. PULL BACK WIRING AND CONDUIT BACK TO NEXT ACTIVE OUTLET OR POWER SOURCE.
 - "XN" INDICATES EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED AND RELOCATED. EXISTING CIRCUIT SHALL BE EXTENDED TO NEW LOCATION OF RELOCATED EXISTING ELECTRICAL EQUIPMENT.
 - "XO" INDICATES EXISTING ELECTRICAL EQUIPMENT TO REMAIN. EXISTING CIRCUIT WIRING SHALL BE REMOVED. PULL BACK WIRING AND CONDUIT BACK TO NEXT ACTIVE OUTLET FOR POWER SOURCE. ALL WIRING/LEADS IN BULKHEADS/MECH. ROOMS SHALL REMAIN. REFER TO RENOVATION PLANS FOR NEW CIRCUIT INFORMATION.
 - "XN" INDICATES EXISTING EQUIPMENT/DEVICES TO BE REMOVED. EXISTING CIRCUIT WIRING AND BACK BOX SHALL REMAIN. NEW DEVICES SHALL BE LOCATED IN PLACE. EXTEND CIRCUIT WIRING TO NEW ELECTRICAL EQUIPMENT DEVICES.

- GENERAL NOTES:**
- DOTTED SYMBOLS INDICATE EXISTING ELECTRICAL EQUIPMENT.
 - REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THE CONTINUITY OF ALL EXISTING CIRCUITS WHICH ARE REMAINING.

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Certification

08/29/2024

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 INDUSTRIAL - MARINE - CONSTRUCTION
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 PROJECT MANAGEMENT - INTERIOR DESIGN

Project
Coventry Dep. of Public Works
Coventry Town Hall Annex



1675 Flat River Road
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Issued on: 08/29/2024

Sheet Contents

ELECTRICAL - DEMOLITION - FIRST FLOOR PARTIAL PLAN 'A'

Project Number: 0834
 Drawing No: **E101**
 Sheet of

EXISTING ELECTRICAL EQUIPMENT LEGEND

- ALL ITEMS SHOWN ARE NOT NECESSARILY USED ON THIS PROJECT**
- EXISTING ELECTRICAL EQUIPMENT WITHOUT A DESIGNATION IS TO REMAIN.
 - XE INDICATES EXISTING ELECTRICAL EQUIPMENT WHICH IS TO BE REMOVED. PULL BACK WIRING AND CONDUIT BACK TO NEXT ACTIVE OUTLET OR POWER SOURCE.
 - XE INDICATES EXISTING ELECTRICAL EQUIPMENT TO BE REMOVED AND RELOCATED. EXISTING CIRCUIT SHALL BE EXTENDED TO NEW LOCATION OF RELOCATED EXISTING ELECTRICAL EQUIPMENT.
 - XE INDICATES NEW LOCATION OF RELOCATED EXISTING ELECTRICAL EQUIPMENT.
 - XE INDICATES EXISTING EQUIPMENT/DEVICE TO REMAIN. EXISTING CIRCUITRY AND BACK BOX SHALL REMAIN. NEW DEVICE SHALL BE LOCATED IN PLACE. EXTEND CIRCUITRY TO NEW ELECTRICAL EQUIPMENT/DEVICE.
 - XE INDICATES EXISTING EQUIPMENT/DEVICE TO BE REMOVED. EXISTING CIRCUITRY AND BACK BOX SHALL REMAIN. NEW DEVICE SHALL BE LOCATED IN PLACE. EXTEND CIRCUITRY TO NEW ELECTRICAL EQUIPMENT/DEVICE.

- GENERAL NOTES:**
1. DOTTED SYMBOLS INDICATE EXISTING ELECTRICAL EQUIPMENT.
 2. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 3. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THE CONTINUITY OF ALL EXISTING CIRCUITS WHICH ARE REMAINING.

GENERAL DEMOLITION SHEET NOTES

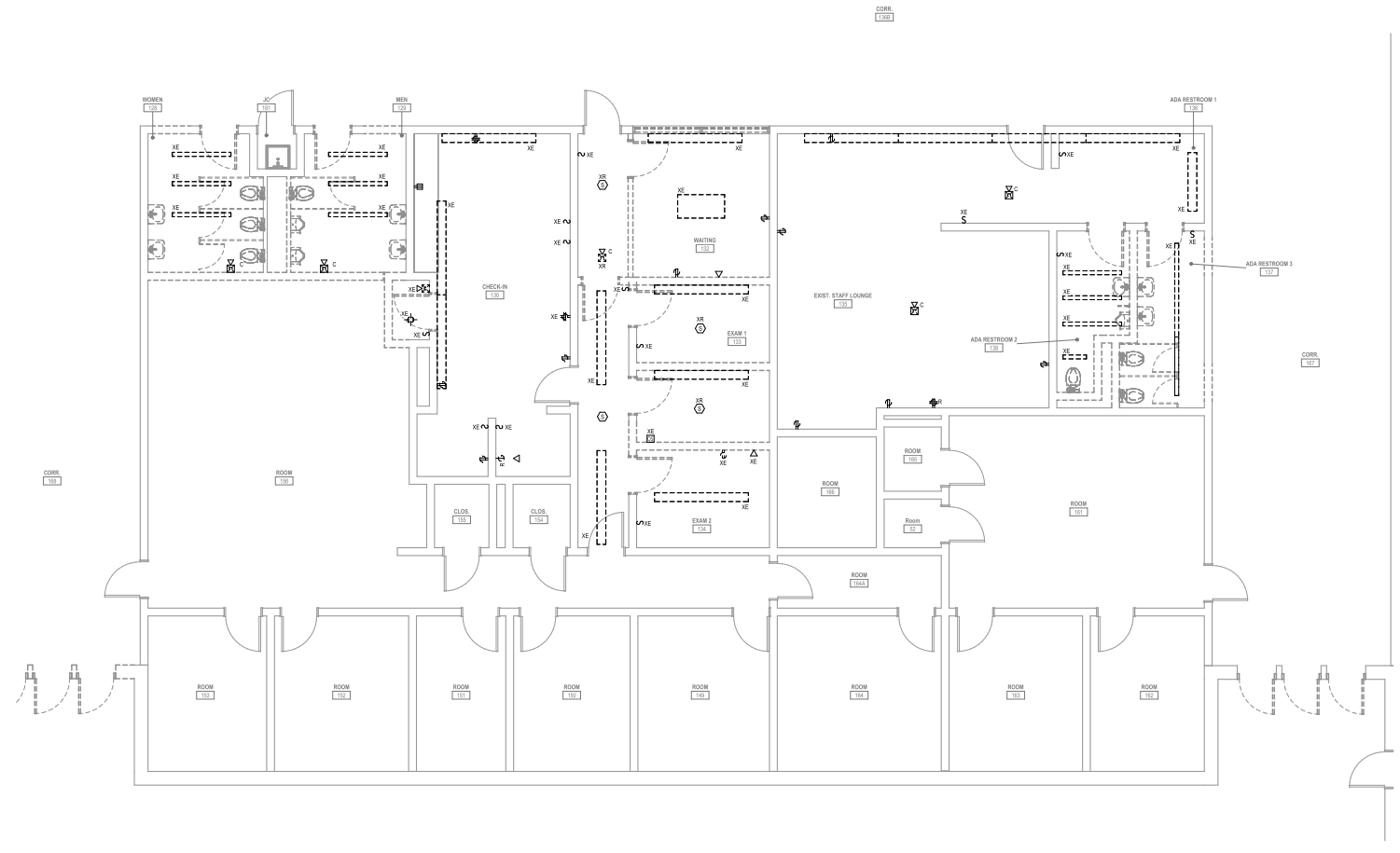
1. REFER TO DEMOLITION SECTION OF SPECIFICATION FOR ADDITIONAL REQUIREMENTS.
2. WHERE DOWNSTREAM FAILURE OR DEVICES ARE AFFECTED BY THE BRANCH CIRCUIT BEING DEMOLISHED HEREON, THE CONTRACTOR SHALL PROVIDE NEW SERVICES AS REQUIRED TO MAINTAIN SUCH DOWNSTREAM DEVICES.
3. IF IT IS NOT THE INTENTION OF THESE DRAWINGS TO SHOW ALL FUTURES AND DEVICES TO BE DISCONNECTED AND/OR REMOVED, IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO USE THE SITE-PHOTO TO SUBMIT THEIR BID TO DETERMINE THE EXACT QUANTITY AND TYPES OF EQUIPMENT TO BE REMOVED.
4. PARTICULAR CARE SHALL BE TAKEN TO AVOID CREATING HAZARDS ON THE PROJECT OR CAUSING DISRUPTION OF SERVICES/BEHAVING.
5. ALL EXISTING EQUIPMENT INDICATED TO BE REMOVED SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER. ALL EXISTING EQUIPMENT INDICATED TO BE TURNED OVER TO THE OWNER SHALL BE PRESENTED TO THE OWNER IN GOOD CONDITION AT A LOCATION DESIGNATED BY THE OWNER. ALL OTHER EQUIPMENT SHALL BE REMOVED FROM THE SITE.
6. REMOVE ALL ABANDONED CONDUCTORS AND EQUIPMENT NOT BUILT INTO THE BUILDING CONSTRUCTION. WHERE CEILING AND WALLS ARE REMOVED, ABANDONED WIRING SHALL BE REMOVED AND ENDS OF LIVE DEVICES TO BE DISCONNECTED AND CUT-OFF.
7. ABANDONED ELEMENTS BUILT INTO WALLS SHALL BE MARKED "ABANDONED".
8. DEMOLITION DRAWINGS HAVE BEEN COMPILED FROM EXISTING DRAWINGS FURNISHED BY THE OWNER SOLELY FOR THE PURPOSE OF AIDING THE CONTRACTOR IN UNDERSTANDING THE REQUIRED PROJECT DEMOLITION AND FINISHING AND THESE DRAWINGS DO NOT REFLECT ALL EQUIPMENT, DEVICES, AND MATERIALS TO BE REMOVED AND/OR RELOCATED.
9. E.C. SHALL TRACE AND TAG ALL EXISTING CIRCUIT BREAKERS AND BRANCH CIRCUIT WIRING SERVING ALL EQUIPMENT AND DEVICES TO BE REMOVED TO ALLOW FOR REUSE UNDER THE RESCOPE OF WORK. WHERE CIRCUITS ARE FOUND TO BE SHARED WITH EQUIPMENT AND DEVICES TO REMAIN, THE FULL LOAD OF THE CIRCUIT SHALL BE METERS IN ORDER TO DETERMINE REMAINING CAPACITY.

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ELECTRICAL - DEMOLITION - FIRST FLOOR PARTIAL PLAN 'B'
 1/4" = 1'-0"

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 MECHANICAL ENGINEERING GROUP
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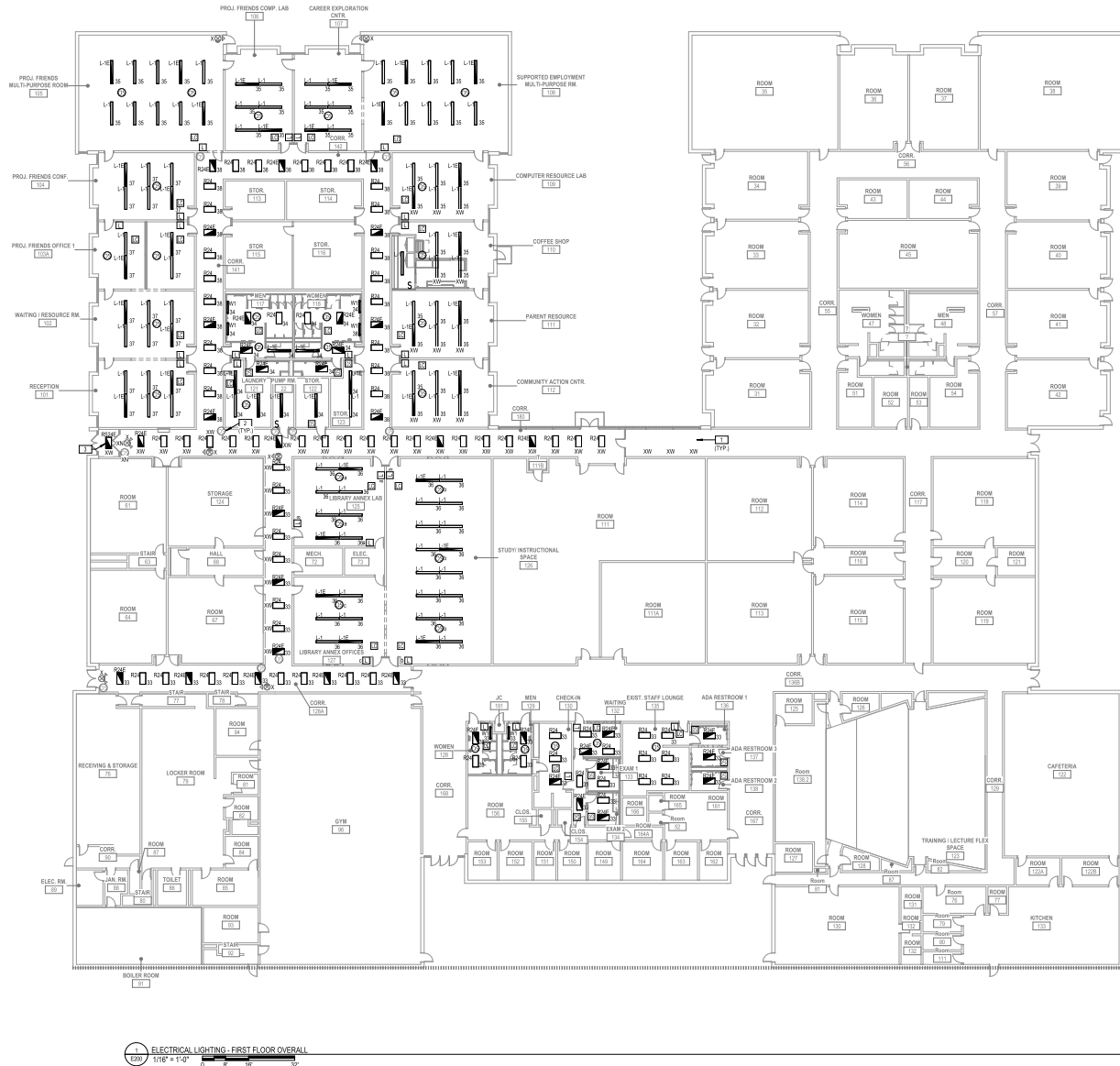
Project
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Coventry Town Hall Annex

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Issued on: 05/29/2024

Sheet Contents
ELECTRICAL - DEMOLITION - FIRST FLOOR PARTIAL PLAN 'B'

Project Number: 0834
 Drawing No: **E102**
 Sheet of



ELECTRICAL LIGHTING - FIRST FLOOR OVERALL
1/8" = 1'-0"

GENERAL LIGHTING SHEET NOTES

- EXACT LOCATIONS OF ALL FIXTURES AND DEVICES SHALL BE FULLY COORDINATED WITH ARCHITECTURAL PLANS, ELEVATIONS, SECTIONS, AND THE WORK OF OTHER TRADES PRIOR TO INSTALLATION.
- WIRING AND CONDUIT OR MC CABLE SHALL BE REQUIRED BETWEEN ALL LIGHTING FIXTURES, SWITCHES, BENDERS, POWER PACKS, RELAYS, AND OTHER AUXILIARY DEVICES. WIRING AND CONDUIT OR MC CABLES SHALL BE SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS. IT IS THE INTENT OF THESE DOCUMENTS THAT COMPLETE BRANCH CIRCUIT AND CONTROL WIRING SYSTEMS BE INSTALLED.
- ALL BRANCH CIRCUIT CONDUCTORS SHALL BE 90% CONDUCTIVITY COPPER MINIMUM #12 AWG SIZE, THIRTYMINUTE INSULATION, 600 VOLTS RATED UNLESS OTHERWISE NOTED.
- LOCATIONS OF ALL SWITCHES SHALL COMPLY WITH ADA CRITERIA.
- REFER TO ARCHITECTURAL DRAWINGS FOR FIRE AND SMOKE RATED WALLS AND PROVIDE PROPER PENETRATION RESTRICTION FOR EACH.

KEYED NOTES - E200

NUMBER	DESCRIPTION
1	IF EXISTING FIXTURES ON SITE ARE NOT EQUIPPED WITH EMERGENCY BACK-UP POWER, PROVIDE 30W MICROINVERTERS AT EACH EMERGENCY FIXTURE.
2	BE AWARE NEW LIGHTING FIXTURES TO MAINTAIN THE LIGHTING CONTROLS ASSOCIATED WITH THE EXISTING OCCUPANCY SENSORS IN CORRIDORS.
3	I.E.C. TO PROVIDE FIXTURE SIMILAR IN KIND WITH SURFACE MOUNTING CAPABILITIES.

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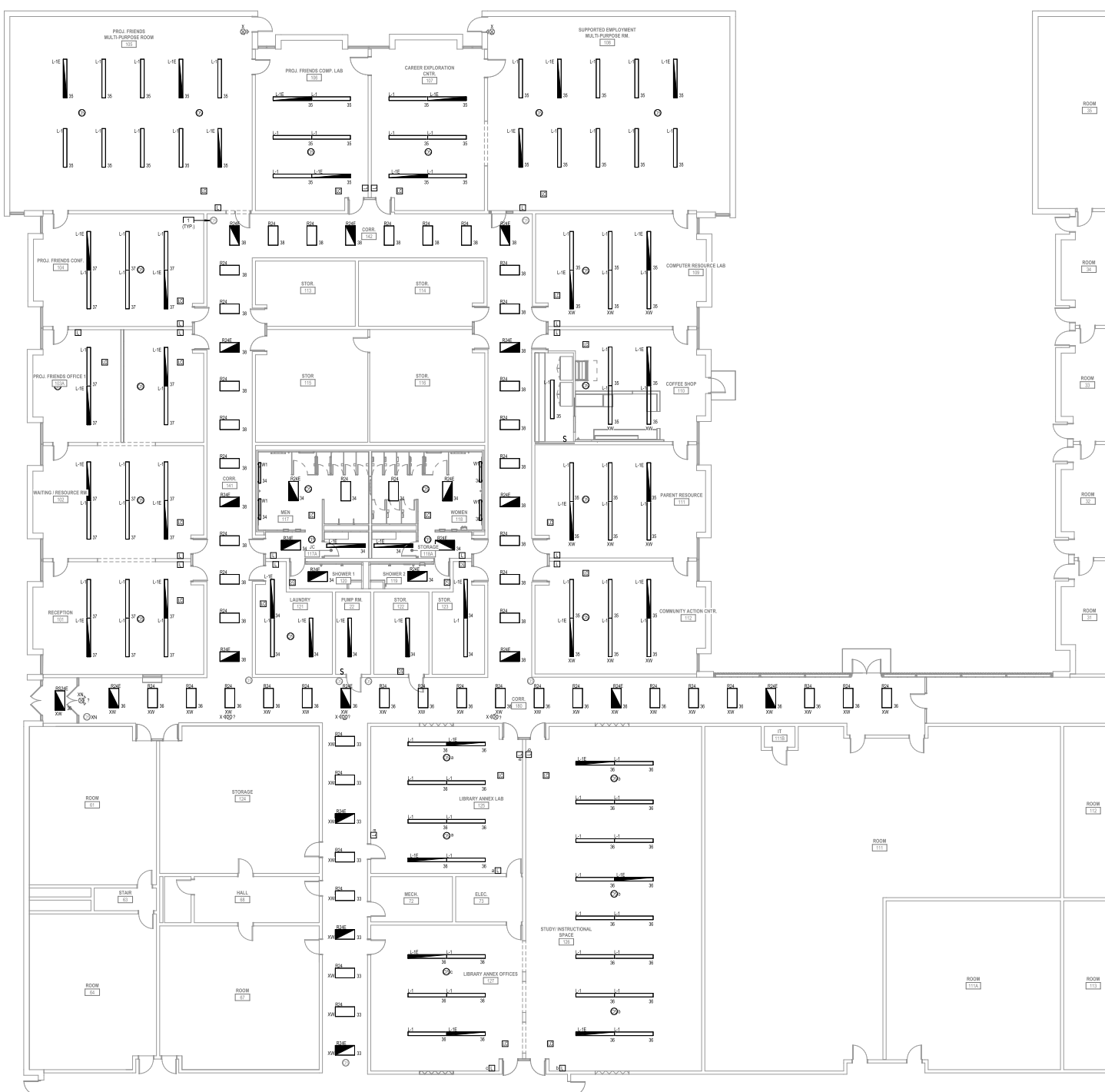
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CONSTRUCTION DOCUMENTS

Issued On: 08/29/2024

Sheet Contents:
 ELECTRICAL LIGHTING - FIRST FLOOR OVERALL

Project Number: 0834
 Drawing No: **E200**
 Sheet: of



GENERAL LIGHTING SHEET NOTES

1. EXACT LOCATIONS OF ALL FIXTURES AND DEVICES SHALL BE FULLY COORDINATED WITH ARCHITECTURAL PLANS, ELEVATIONS, SECTIONS, AND THE WORK OF OTHER TRADES PRIOR TO INSTALLATION.
2. WIRING AND CONDUIT OR MC CABLE SHALL BE REQUIRED BETWEEN ALL LIGHTING FIXTURES, SWITCHES, BENDERS, POWER PACKS, RELAYS, AND OTHER AUXILIARY DEVICES. WIRING AND CONDUIT OR MC CABLE IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS. IT IS THE INTENT OF THESE DOCUMENTS THAT COMPLETE BRANCH CIRCUIT AND CONTROL WIRING SYSTEMS BE INSTALLED.
3. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE 90% CONDUCTIVITY COPPER MINIMUM #12 AWG SIZE, THIRTYTHREE INSULATION, 600 VOLTS RATED UNLESS OTHERWISE NOTED.
4. LOCATIONS OF ALL SWITCHES SHALL COMPLY WITH ADA CRITERIA.
5. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE AND SMOKE RATED WALLS AND PROVIDE PROPER METHOD OF PENETRATION FOR EACH.

KEYED NOTES - E201

NUMBER	DESCRIPTION
1	EXISTING OCCUPANCY SENSORS EXISTING TO REMAIN. RE-WIRE NEW LIGHT FIXTURES IN HALLWAYS TO EXISTING HALLWAY OCCUPANCY SENSORS TO MATCH EXISTING SYSTEMS.

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Project:
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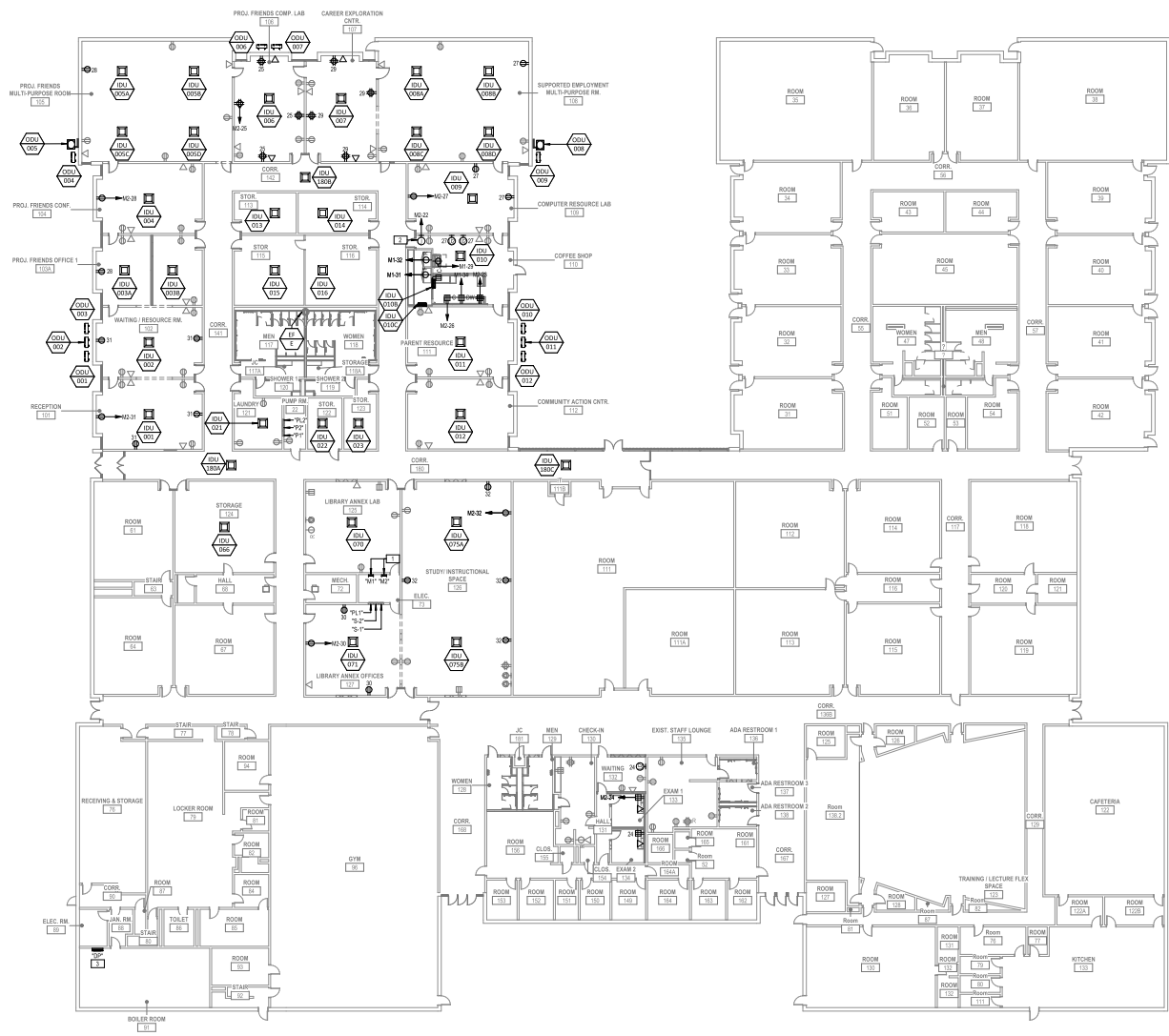


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CONSTRUCTION DOCUMENTS

Issued On: 05/29/2024
 Sheet Contents:
ELECTRICAL LIGHTING - FIRST FLOOR PARTIAL PLAN 'A'

Project Number: 0834
 Drawing No: **E201**
 Sheet of

ELECTRICAL LIGHTING - FIRST FLOOR PARTIAL PLAN 'A'
 1/8" = 1'-0"



1 ELECTRICAL POWER & SYSTEMS - FIRST FLOOR OVERALL
 1/16" = 1'-0"

GENERAL POWER & SYSTEMS SHEET NOTES

1. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE TYPE THHN/THWN CONDUCTIVITY COPPER MINIMUM #12 AWG SIZE, THINWALL INSULATION, 600 VOLTS RATED UNLESS OTHERWISE NOTED.
2. COORDINATE EXACT LOCATION OF ALL DEVICES.
3. WIRING SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
4. WIRING AND CONDUIT SHALL BE REQUIRED BETWEEN ALL OUTLETS INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS.
5. 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. REFER TO ARCHITECTURAL PLANS FOR ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS PRIOR TO ROUGH-IN.
7. COORDINATE MOUNTING HEIGHT OF ALL TECHNOLOGY DEVICES WITH TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
8. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE AND SMOKE RATED WALLS AND PROVIDE PROPER METHOD OF PENETRATION FOR EACH.

MECHANICAL CONNECTION SCHEDULE TAG

REFER TO ELECTRICAL CONNECTION SCHEDULE FOR MECHANICAL EQUIPMENT IN THIS DRAWING SET FOR ALL CIRCUIT INFORMATION, INCLUDING BUT NOT LIMITED TO BRANCH CIRCUIT WIRING AND CONDUIT SIZE, VOLTAGE, PHASE, MOTOR CONTROL, DISCONNECT SWITCH AND CIRCUIT BREAKER. REFER TO MECHANICAL, PLUMBING, AND FIRE PROTECTION PLANS FOR EXACT EQUIPMENT LOCATIONS.

KEYED NOTES - E300

NUMBER	DESCRIPTION
1	NEW 225-AMP PANELS, 1/4" x 1/4" x 1/4" TO SERVICE MECHANICAL LOADS. SPECIFIC LOADS NOT AVAILABLE AT THE TIME OF DESIGN. PANEL SIZES SUBJECT TO CHANGE AS THE DESIGN PROGRESSES.
2	PROVIDE DESIGNATED CIRCUIT TO POWER DOOR HOLD SYSTEM FOR COFFEE SHOP.
3	FEED FROM TAP AT MAIN SWITCH ROOM. REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION. LIMIT TAP CONDUCTORS TO 1/0 CABLE AND SEAL AS REQUIRED. RELIEVE EXISTING CONCRETE PAD. EXTEND AS REQUIRED. MAINTAIN ALL REQUIRED NEC CLEARANCES (7' MIN).

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 Checked by: SC
 Revised on:

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Project
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 Annex**



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Issued On: 08/29/2024

Sheet Contents
**ELECTRICAL POWER &
 SYSTEMS - FIRST
 FLOOR OVERALL**

Project Number: 0834

Drawing No: **E300**

Sheet of



GENERAL POWER & SYSTEMS SHEET NOTES

1. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE TYPE MC-MPL CONDUCTIVITY COPPER MINIMUM #12 AWG SIZE, THINWALL INSULATION, 600 VOLTS RATED UNLESS OTHERWISE NOTED.
2. COORDINATE EXACT LOCATION OF ALL DEVICES.
3. WIRING IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
4. WIRING AND CONDUIT SHALL BE REQUIRED BETWEEN ALL OUTLETS INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS.
5. 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. REFER TO ARCHITECTURAL PLANS FOR ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS PRIOR TO ROUGH-IN.
7. COORDINATE MOUNTING HEIGHT OF ALL TECHNOLOGY DEVICES WITH TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
8. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE AND SMOKE RATED WALLS AND PROVIDE PROPER METHOD OF PENETRATION FOR EACH.

MECHANICAL CONNECTION SCHEDULE TAG

REFER TO ELECTRICAL CONNECTION SCHEDULE FOR MECHANICAL EQUIPMENT IN THIS DRAWING SET FOR ALL CIRCUIT INFORMATION, INCLUDING BUT NOT LIMITED TO BRANCH CIRCUIT WIRING AND CONDUIT SIZE, VOLTAGE, PHASE, MOTOR CONTROL, DISCONNECT SWITCH AND CIRCUIT BREAKER. REFER TO MECHANICAL, PLUMBING, AND FIRE PROTECTION PLANS FOR EXACT EQUIPMENT LOCATIONS.

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08/29/2024

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ELECTRICAL POWER & SYSTEMS - FIRST FLOOR PARTIAL PLAN 'A'
 E301 1/8" = 1'-0"

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Issued On: 08/29/2024

Sheet Contents:
**ELECTRICAL POWER &
 SYSTEMS - FIRST
 FLOOR PARTIAL PLAN
 'A'**

Project Number: 0834
 Drawing No: **E301**
 Sheet of

GENERAL POWER & SYSTEMS SHEET NOTES

1. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE TYPE NM-B CONDUCTIVITY COPPER MINIMUM #12 AWG SIZE, THINWALL INSULATION, 600 VOLTS RATED UNLESS OTHERWISE NOTED.
2. COORDINATE EXACT LOCATION OF ALL DEVICES.
3. WIRING IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
4. WIRING AND CONDUIT SHALL BE REQUIRED BETWEEN ALL OUTLETS INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS.
5. 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. REFER TO ARCHITECTURAL PLANS FOR ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS PRIOR TO ROUGH-IN.
7. COORDINATE MOUNTING HEIGHT OF ALL TECHNOLOGY DEVICES WITH TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
8. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE AND SMOKE RATED WALLS AND PROVIDE PROPER METHOD OF PENETRATION FOR EACH.

MECHANICAL CONNECTION SCHEDULE TAG

REFER TO ELECTRICAL CONNECTION SCHEDULE FOR MECHANICAL EQUIPMENT IN THIS DRAWING SET FOR ALL CIRCUIT INFORMATION, INCLUDING BUT NOT LIMITED TO BRANCH CIRCUIT WIRING AND CONDUIT SIZE, VOLTAGE, PHASE, MOTOR CONTROL, DISCONNECT SWITCH AND CIRCUIT BREAKER. REFER TO MECHANICAL, PLUMBING, AND FIRE PROTECTION PLANS FOR EXACT EQUIPMENT LOCATIONS.

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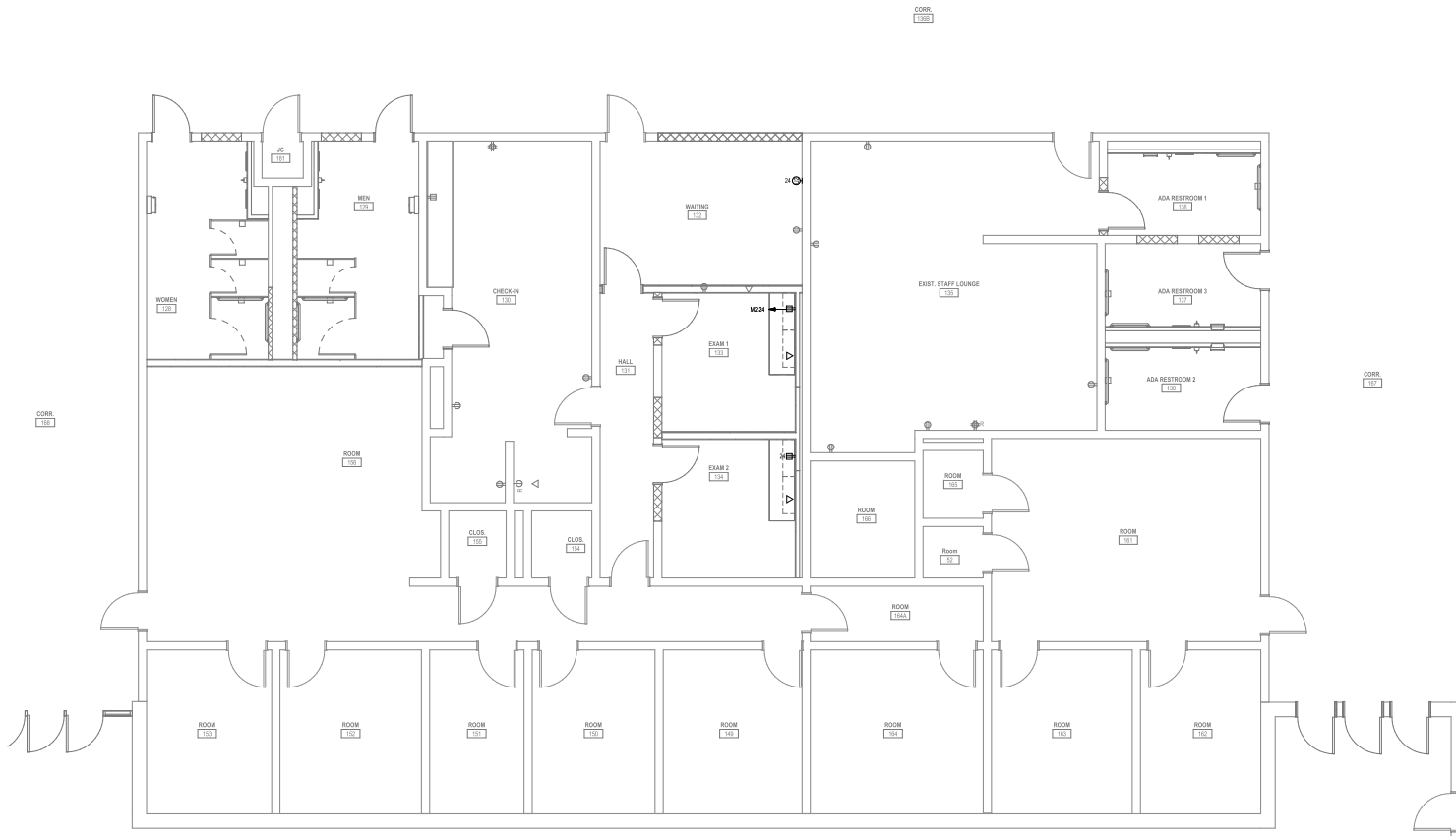
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Drawn by: JC

Checked by: SC

Revised on:



ELECTRICAL POWER & SYSTEMS - FIRST FLOOR PARTIAL PLAN 'B'
1/4" = 1'-0"

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Coventry Town Hall
Annex**



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CONSTRUCTION DOCUMENTS

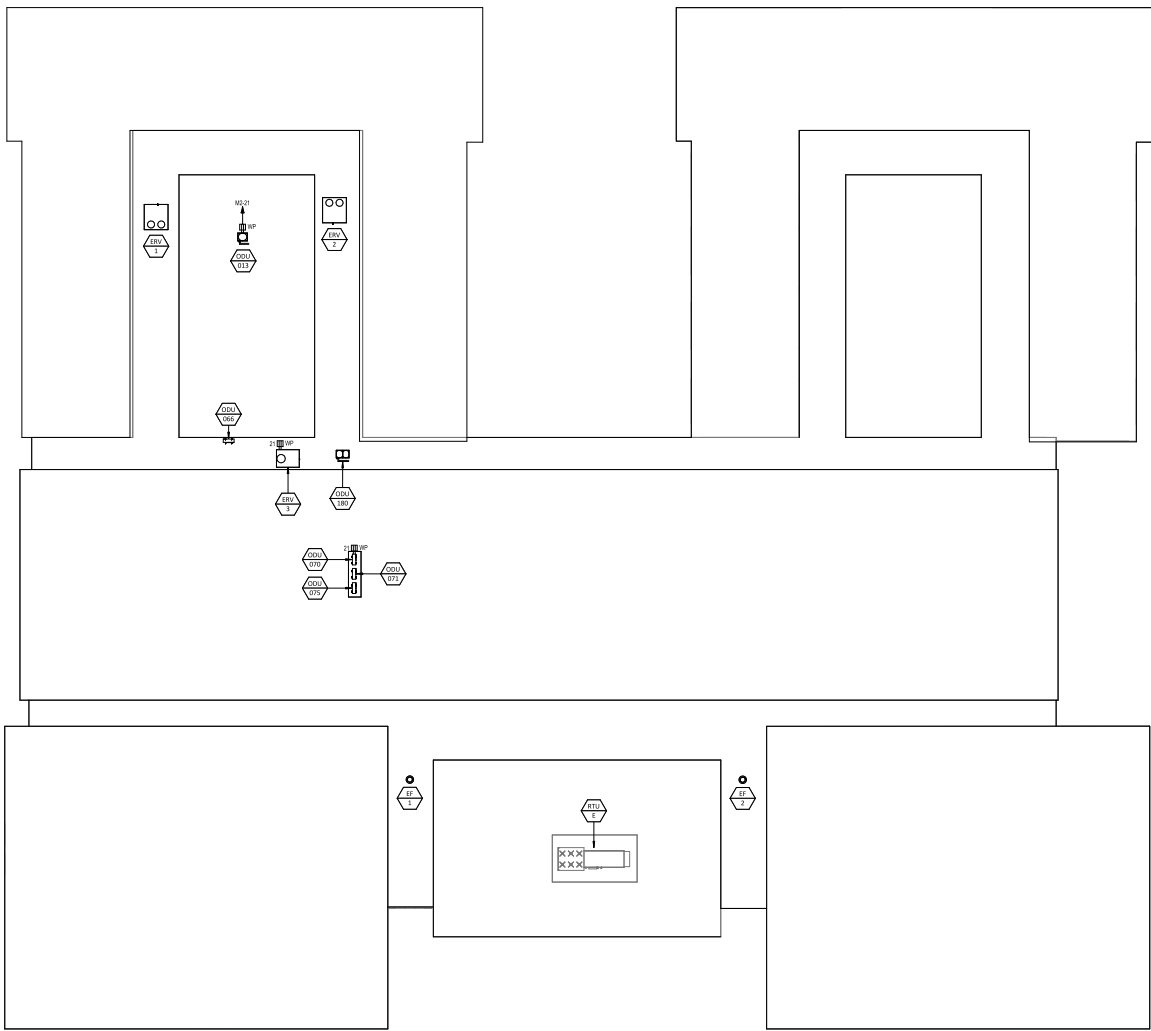
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Sheet Contents
**ELECTRICAL POWER &
SYSTEMS - FIRST
FLOOR PARTIAL PLAN
'B'**

Project Number: 0834

Drawing No: **E302**

Sheet of



GENERAL POWER & SYSTEMS SHEET NOTES

1. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE TYPE MC-BLOND CONDUCTIVITY COPPER NEMMUM #12 AWG SIZE, THINWALL INSULATION, 600 VOLTS RATED UNLESS OTHERWISE NOTED.
2. COORDINATE EXACT LOCATION OF ALL DEVICES.
3. WIRING IS SHOWN ON DRAWINGS ONLY FOR SPECIFIC ROUTES OR SPECIAL CONDITIONS.
4. WIRING AND CONDUIT SHALL BE REQUIRED BETWEEN ALL OUTLETS INDICATED WITH CIRCUIT NUMBERS AND PANEL DESIGNATIONS.
5. 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. REFER TO ARCHITECTURAL PLANS FOR ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS PRIOR TO ROUGH-IN.
7. COORDINATE MOUNTING HEIGHT OF ALL TECHNOLOGY DEVICES WITH TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN.
8. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE AND SMOKE RATED WALLS AND PROVIDE PROPER METHOD OF PENETRATION FOR EACH.

MECHANICAL CONNECTION SCHEDULE TAG

REFER TO ELECTRICAL CONNECTION SCHEDULE FOR MECHANICAL EQUIPMENT IN THIS DRAWING SET FOR ALL CIRCUIT INFORMATION, INCLUDING BUT NOT LIMITED TO BRANCH CIRCUIT WIRING AND CONDUIT SIZE, VOLTAGE, PHASE, MOTOR CONTROL, DISCONNECT SWITCH AND CIRCUIT BREAKER. REFER TO MECHANICAL, PLUMBING, AND FIRE PROTECTION PLANS FOR EXACT EQUIPMENT LOCATIONS.

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 Checked by: SC
 Revised on:

11/16" = 1'-0"

0 8 16 32'

ELECTRICAL POWER & SYSTEMS - FLOOR - ROOF OVERALL

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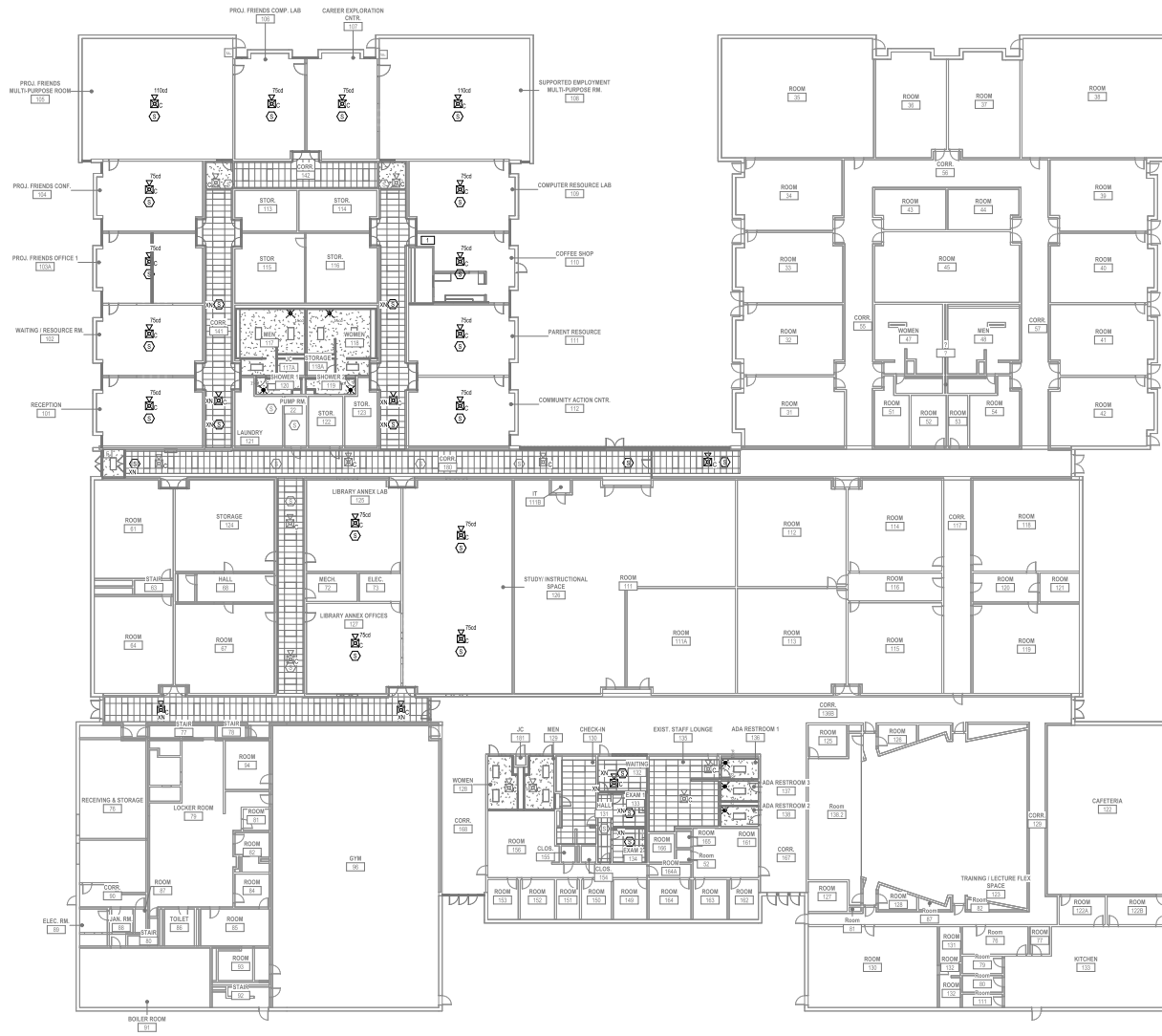
Sheet Contents

ELECTRICAL POWER & SYSTEMS - ROOF OVERALL

Project Number: 0834

Drawing No: **E303**

Sheet of



1 ELECTRICAL FIRE ALARM - FIRST FLOOR OVERALL
 1/16" = 1'-0"

GENERAL FIRE ALARM SHEET NOTES

- E.C. SHALL REFER TO SPECIFICATIONS AND DRAWINGS FOR QUANTITY OF DEVICES, SPARE CAPACITY, PARTS, ETC.
- E.C. SHALL REFER TO HVAC DRAWINGS FOR EXACT LOCATION OF HVAC UNITS AND FOR LOCATION OF SUIC ADJUSTED SMOKE DETECTORS. DUCT DETECTORS FURNISHED AND WIRED BY E.C. INSTALLED BY HVAC.
- PROVIDE EACH FIRE ALARM TERMINAL CABINET AND FIRE ALARM CONTROL PANEL WITH AN ADA PAGES SUPPLY TO SERVE ALL HORNSTROBE UNITS.
- TYPICALLY FIRE ALARM SYSTEM POWER CONDUCTORS SHALL BE #14 AWG, TYPE THHN SOLID. ALL WIRING SHALL BE INSTALLED IN CONDUIT OR SURFACE METAL RACEWAY. MC CABLE IS ALLOWED WHERE CONSIDERED ALLOWED BY CODE.
- TYPICALLY ALL HORNSTROBE UNITS SHALL BE WIRED IN A FASHION THAT THE HORN AND THE STROBE CAN BE SILENCED SIMULTANEOUSLY.
- TYPICALLY REFER TO DOOR HARDWARE, SCHEDULES & DRAWINGS FOR LOCATIONS & QUANTITIES OF HARDWARE EQUIPMENT AFFECTING THIS SECTION. PROVIDE ALL WORK AS REQUIRED.
- REFER TO ARCHITECTURAL DRAWINGS FOR FIRE AND SMOKE RATED WALLS AND PROVIDE PROPER METHOD OF PENETRATION FOR EACH.

KEYED NOTES - E400

NUMBER	DESCRIPTION
1	PIRE DOOR HOLD SYSTEM TO FIRE ALARM SYSTEM TO OPEN IN AN EMERGENCY SITUATION. REFER TO POWER PLANS FOR MORE INFORMATION.

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Issued On: 08/29/2024

Sheet Contents

ELECTRICAL FIRE ALARM - FIRST FLOOR OVERALL

Project Number: 0834

Drawing No: **E400**

Sheet of



GENERAL FIRE ALARM SHEET NOTES

- E.C. SHALL REFER TO SPECIFICATIONS AND DRAWINGS FOR QUANTITY OF DEVICES, SPARE CAPACITY, PARTS, ETC.
- E.C. SHALL REFER TO HVAC DRAWINGS FOR EXACT LOCATION OF HVAC UNITS AND FOR LOCATIONS OF SUIC MOUNTED SMOKE DETECTORS. DUCT DETECTORS FURNISHED AND WIRED BY HVAC.
- PROVIDE EACH FIRE ALARM TERMINAL CABINET AND FIRE ALARM CONTROL PANEL WITH AN ADA POWER SUPPLY TO SERVE ALL HORN/STROBE UNITS.
- TYPICALLY FIRE ALARM SYSTEM POWER CONDUCTORS SHALL BE #14 AWG, TYPE THHN SOLID. ALL WIRING SHALL BE INSTALLED IN CONDUIT OR SURFACE METAL RACEWAY. MC CABLE IS ALLOWED WHERE CONCEALED & ALLOWED BY CODE.
- TYPICALLY ALL HORN/STROBE UNITS SHALL BE WIRED IN A FASHION THAT THE HORN AND THE STROBE CAN BE SILENCED SIMULTANEOUSLY.
- TYPICALLY REFER TO DOOR HARDWARE, SCHEDULES & DRAWINGS FOR LOCATIONS & QUANTITIES OF HARDWARE EQUIPMENT AFFECTING THIS SECTION. PROVIDE ALL WORK AS REQUIRED.
- REFER TO ARCHITECTURAL DRAWINGS FOR FIRE AND SMOKE RATED WALLS AND PROVIDE PROPER METHODS OF PENETRATION FOR EACH.

KEYED NOTES - E401

NUMBER	DESCRIPTION
1	INDICATE NEW FIRE ALARM DEVICES TO STRUCTURAL UNITS. TYPICAL FOR ALL NON-ACT CEILING AREAS IN VIEW.

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08/29/2024

STEVEN COSTA
No. 7815
REGISTERED PROFESSIONAL ENGINEER (ELECTRICAL)

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Issued On: 08/29/2024

Sheet Contents:
ELECTRICAL FIRE ALARM - FIRST FLOOR PARTIAL PLAN 'A'

Project Number: 0834
Drawing No: **E401**
Sheet of

ELECTRICAL FIRE ALARM - FIRST FLOOR PARTIAL PLAN 'A'
E401 1/8" = 1'-0"

GENERAL FIRE ALARM SHEET NOTES

1. E.C. SHALL REFER TO SPECIFICATIONS AND DRAWINGS FOR QUANTITY OF DEVICES, SPARE CAPACITY, PARTS, ETC.
2. E.C. SHALL REFER TO HVAC DRAWINGS FOR EXACT LOCATION OF HVAC UNITS AND FOR LOCATION OF SUIC ADJUSTED SMOKE DETECTORS. DUCT DETECTORS FURNISHED AND WIRED BY E.C. INSTALLED BY HVAC.
3. PROVIDE EACH FIRE ALARM TERMINAL CABINET AND FIRE ALARM CONTROL PANEL WITH AN ADA POWER SUPPLY TO SERVE ALL HORN/STROBE UNITS.
4. TYPICALLY FIRE ALARM SYSTEM POWER CONDUCTORS SHALL BE #14 AWG, TYPE THHN/THHD SOLID. ALL WIRING SHALL BE INSTALLED IN CONDUIT OR SURFACE METAL RACEWAY. MC CABLE IS ALLOWED WHERE CONCEALED & ALLOWED BY CODE.
5. TYPICALLY ALL HORN/STROBE UNITS SHALL BE WIRED IN A FASHION THAT THE HORN AND THE STROBE CAN BE SILENCED SIMULTANEOUSLY.
6. TYPICALLY REFER TO DOOR HARDWARE SCHEDULES & DRAWINGS FOR LOCATIONS & QUANTITIES OF HARDWARE EQUIPMENT AFFECTING THIS SECTION. PROVIDE ALL WORK AS REQUIRED.
7. REFER TO ARCHITECTURAL DRAWINGS FOR FIRE AND SMOKE RATED WALLS AND PROVIDE PROPER METHOD OF PENETRATION FOR EACH.

The drawing is a preliminary and is subject to change without notice. It is not to be used for construction until it has been approved by the Authority Having Jurisdiction (AHJ). The contractor shall be responsible for obtaining all necessary permits and for complying with all applicable codes and regulations. The contractor shall be responsible for obtaining all necessary permits and for complying with all applicable codes and regulations. The contractor shall be responsible for obtaining all necessary permits and for complying with all applicable codes and regulations.

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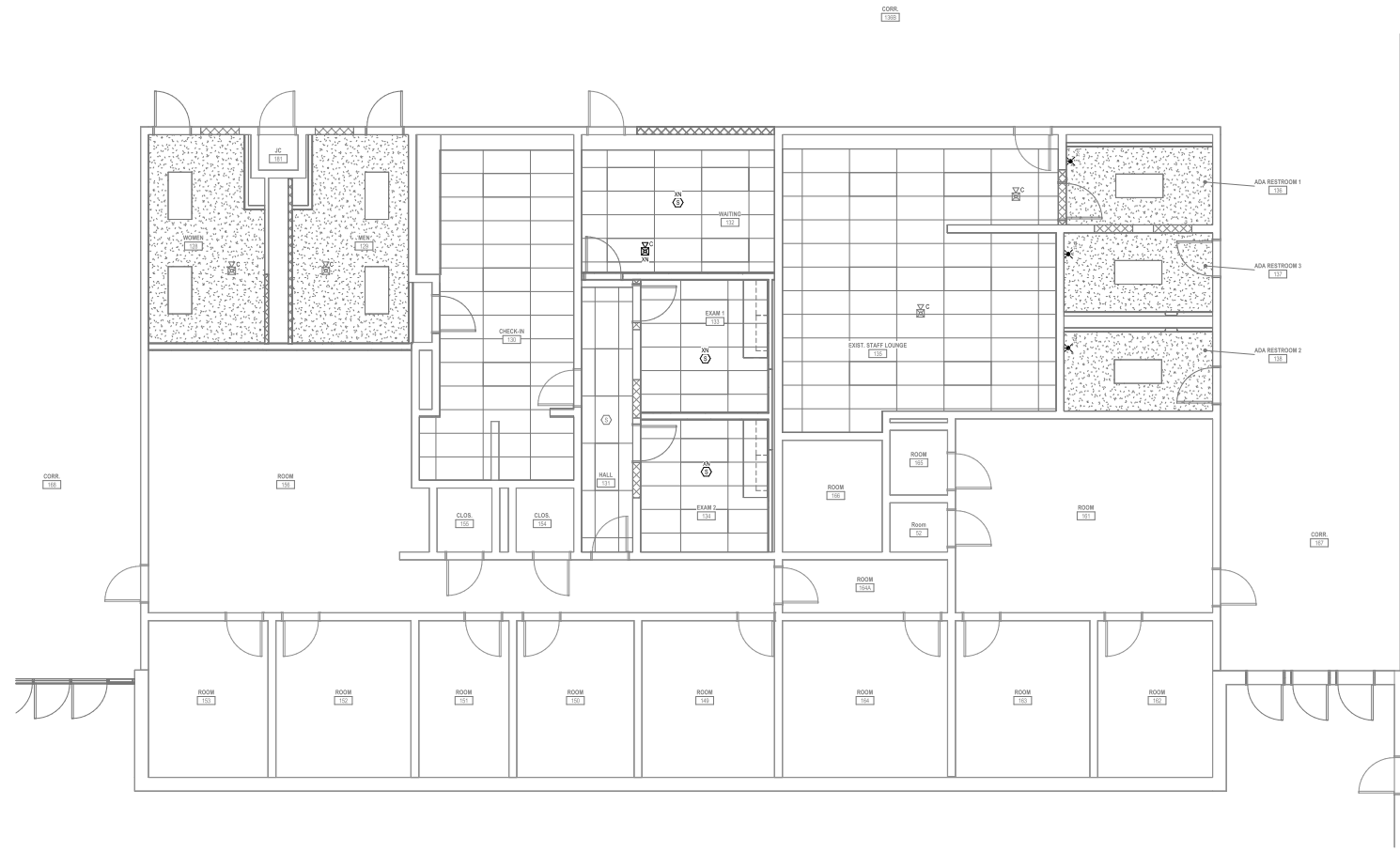
Certification



Drawn by: JC

Checked by: GC

Revised on:



1 ELECTRICAL FIRE ALARM - FIRST FLOOR PARTIAL PLAN 'B'
1/8" = 1'-0"

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Annex**

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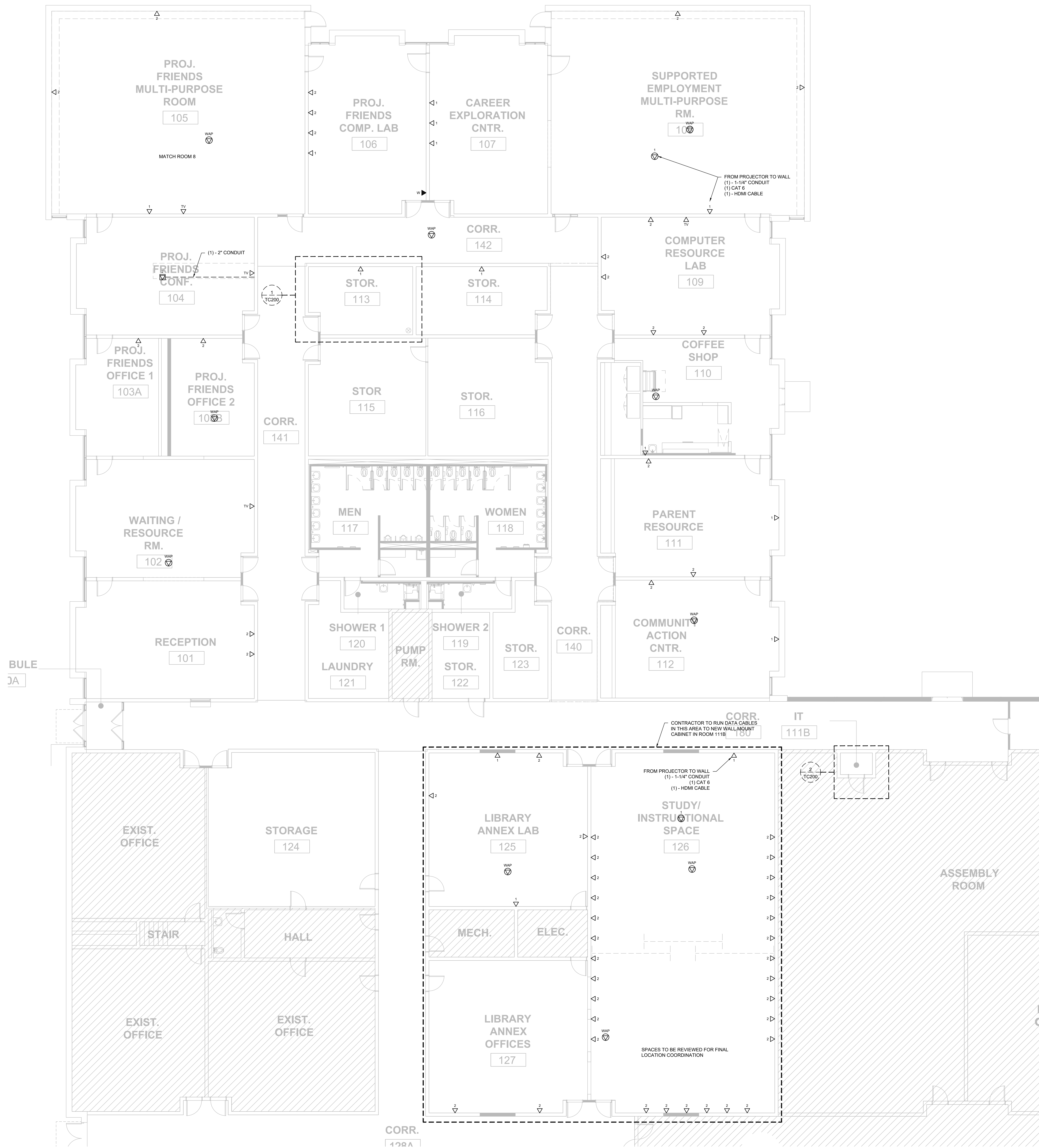
Sheet Contents
**ELECTRICAL FIRE
ALARM - FIRST FLOOR
PARTIAL PLAN 'B'**

Project Number: 0834
Drawing No: **E402**
Sheet: of

ELECTRICAL CONNECTION SCHEDULE FOR MECHANICAL EQUIPMENT

- MECHANICAL EQUIPMENT NOTES:**
- BRANCH CIRCUIT WIRING METHOD SHALL BE AS NOTED ON THE DRAWINGS AND/OR SPECIFICATIONS FOR THE APPLICABLE LOCATION.
 - NEUTRALS SHALL BE THREE FEET AWAY FROM RACKWAY SHALL BE FLEXIBLE METAL OR EQUIVALENT METAL CONDUIT.
 - UP EIGHTS FINAL CONNECTION TO BOX OR CONTROL PANEL, PREWIRED TO THE EQUIPMENT.
 - REC PROTECT RECEPTANCE IN THE MAIN COMPARTMENT PROVIDED IN TYPE AT OUTDOOR LOCATIONS, KITCHEN AREAS OR WITHIN 6' OF A SWK.
 - 6" VMP INDICATED PROVIDE WEATHERPROOF INSTALLATION OF RACKWAY SYSTEM.
 - MOTOR RATED SWITCH SHALL HAVE THERMAL OVERLOAD ELEMENTS SIZED PER THE MANUFACTURERS RECOMMENDATIONS.
 - REFER TO PANEL SCHEDULES FOR CIRCUIT BREAKER INFORMATION.
 - NOTES 9 TO ARE SPINDS RATCH SHALL BE SPECIFICALLY NOTED IN REVISIONS FOR INCLUSION.
 - FACTORY FURNISHED FUSES DISCONNECT SHALL BE INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.
 - ELECTRICAL CONTRACTOR SHALL WIRE VIA ASSOCIATED CONTROL PANEL.
 - PROVIDE 50 MA GFCI CIRCUIT BREAKER FOR HEAT TRACE APPLICATIONS.
 - PROVIDE WEATHERPROOF GFCI RECEPTANCE AND WEATHERPROOF LIGHT FIXTURE AT UNIT. SEE ASSOCIATED DETAIL FOR ADDITIONAL INFORMATION.
 - EQUIPMENT PROVIDED WITH INTERNAL DISCONNECT SWITCH.
 - ELECTRICAL CONTRACTOR WIRE EXHAUST FAN VIA LINE VOLTAGE TEST AT FURNISHED BY THE MECHANICAL CONTRACTOR.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE 240V/120V/240V TO ADJUSTER. FURNISHED AND INSTALLED BY THE PLUMBING CONTRACTOR.
 - DISCONNECT SHALL BE PROVIDED WITH HANG UP INDICATOR TO PERFORM CONTACTS AND ASSOCIATED TO PERFORM DISCONNECT POSITION AFTERGATE (ON OR OFF).
 - ELECTRICAL CONTRACTOR SHALL WIRE EXHAUST FAN VIA LINE VOLTAGE VARIABLE SPEED SWITCH FURNISHED BY THE MECHANICAL CONTRACTOR AND INSTALLED AND WIRED BY THE ELECTRICAL CONTRACTOR.
 - PROVIDE WEATHERPROOF GFCI RECEPTANCE AND WEATHERPROOF LIGHT FIXTURE AT UNIT. SEE ASSOCIATED DETAIL FOR ADDITIONAL INFORMATION.
 - INDOOR UNIT POWERED FROM OUTDOOR UNIT. WIRE PER THE MANUFACTURERS RECOMMENDATION. PROVIDE SERVICE SWITCH TO DISCONNECT ALL POWER AND CONTROL.
 - ABBREVIATIONS FOR THIS SCHEDULES SHALL BE AS FOLLOWS:

TAG	DESCRIPTION	ELECTRICAL CHARACTERISTICS				PANEL/CIRCUIT	WIRE / CONDUIT	LOCATION	CONNECTION				NOTES			
		VOLTS	PH	MCA	MOSP				FLEX	CP	REC	THERMAL		SIZE	FUSE	POLES
EU1	EMERGENCY FAN	120V	1	23.0 A	15	MF-30	2012-1H15S, N 3/4" C	ROOF	Yes	No	Yes	30	15	2	1	No
EU2	EMERGENCY FAN	120V	1	23.0 A	15	MF-30	2012-1H15S, N 3/4" C	ROOF	Yes	No	Yes	30	15	2	1	No
EU2A	ENERGY RECOVERY VENTILATOR	208V	3	136.8 A	150	DP-3	2012-1H15S, N 3/4" C	ROOF	Yes	No	No	200	150	3	3R	Yes
EU2B	ENERGY RECOVERY VENTILATOR	208V	3	136.8 A	150	DP-3	2012-1H15S, N 3/4" C	ROOF	Yes	No	No	200	150	3	3R	Yes
EU450	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	RECEPTION 001	Yes	No	No	30	15	2	1	No
EU450	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	WAITING / RESOURCE RM	Yes	No	No	30	15	2	1	No
EU450A	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	PROG. FRIENDS OFFICE 1	Yes	No	No	30	15	2	1	No
EU450B	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	PROG. FRIENDS OFFICE 2	Yes	No	No	30	15	2	1	No
EU450C	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	PROG. FRIENDS CONF 104	Yes	No	No	30	15	2	1	No
EU450D	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	PROG. FRIENDS	Yes	No	No	30	15	2	1	No
EU450E	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	MULTI-PURPOSE ROOM 105	Yes	No	No	30	15	2	1	No
EU450F	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	MULTI-PURPOSE ROOM 106	Yes	No	No	30	15	2	1	No
EU450G	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	MULTI-PURPOSE ROOM 107	Yes	No	No	30	15	2	1	No
EU450H	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	MULTI-PURPOSE ROOM 108	Yes	No	No	30	15	2	1	No
EU450I	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	MULTI-PURPOSE ROOM 109	Yes	No	No	30	15	2	1	No
EU450J	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	MULTI-PURPOSE ROOM 110	Yes	No	No	30	15	2	1	No
EU450K	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	PROG. FRIENDS COMP LAB 106	Yes	No	No	30	15	2	1	No
EU450L	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	PROG. FRIENDS COMP LAB 107	Yes	No	No	30	15	2	1	No
EU450M	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	GARBER EXPLORATION 105 106	Yes	No	No	30	15	2	1	No
EU450N	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	SUPPORTED EMPLOYMENT MULTIPURPOSE RM 108	Yes	No	No	30	15	2	1	No
EU450O	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	SUPPORTED EMPLOYMENT MULTIPURPOSE RM 109	Yes	No	No	30	15	2	1	No
EU450P	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	SUPPORTED EMPLOYMENT MULTIPURPOSE RM 110	Yes	No	No	30	15	2	1	No
EU450Q	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	SUPPORTED EMPLOYMENT MULTIPURPOSE RM 111	Yes	No	No	30	15	2	1	No
EU450R	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	SUPPORTED EMPLOYMENT MULTIPURPOSE RM 112	Yes	No	No	30	15	2	1	No
EU450S	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	SUPPORTED EMPLOYMENT MULTIPURPOSE RM 113	Yes	No	No	30	15	2	1	No
EU450T	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMPUTER RESOURCE LAB 108	Yes	No	No	30	15	2	1	No
EU450U	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMPUTER RESOURCE LAB 109	Yes	No	No	30	15	2	1	No
EU450V	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMPUTER RESOURCE LAB 110	Yes	No	No	30	15	2	1	No
EU450W	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMPUTER RESOURCE LAB 111	Yes	No	No	30	15	2	1	No
EU450X	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMPUTER RESOURCE LAB 112	Yes	No	No	30	15	2	1	No
EU450Y	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMPUTER RESOURCE LAB 113	Yes	No	No	30	15	2	1	No
EU450Z	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMPUTER RESOURCE LAB 114	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 107	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 108	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 109	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 110	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 111	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 112	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 113	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 114	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 115	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 116	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 117	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 118	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 119	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 120	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 121	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 122	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 123	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 124	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 125	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 126	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 127	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 128	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 129	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 130	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 131	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 132	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 133	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 134	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 135	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 136	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 137	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 138	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 139	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 140	Yes	No	No	30	15	2	1	No
EU451	SPLIT SYSTEM EVAPORATING UNIT	208V	1	0.5 A	15	MF-6.8	2012-1H15S, N 3/4" C	COMMUNITY ACTIVITY CENTER 141	Yes	No						



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Certification

Drawn by JAS

Checked by MG

Revised on

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Architecture · Project Management · Interior Design

Project

Coventry Dept. of Public Works
Coventry Town Hall Annex



1675 Flat River Road
Coventry, RI 02816

Drawing Status
Issued for Construction

Issued On August 16, 2024

Sheet Contents
TELECOM - FLOOR PLAN

Project Number. 6834

Drawing No. **TC101**

Sheet of

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Architecture · Project Management · Interior Design

Project

**Coventry Dept. of
Public Works**
**Coventry Town Hall
Annex**



1675 Flat River Road
Coventry, RI 02816

Drawing Status
Issued for Construction

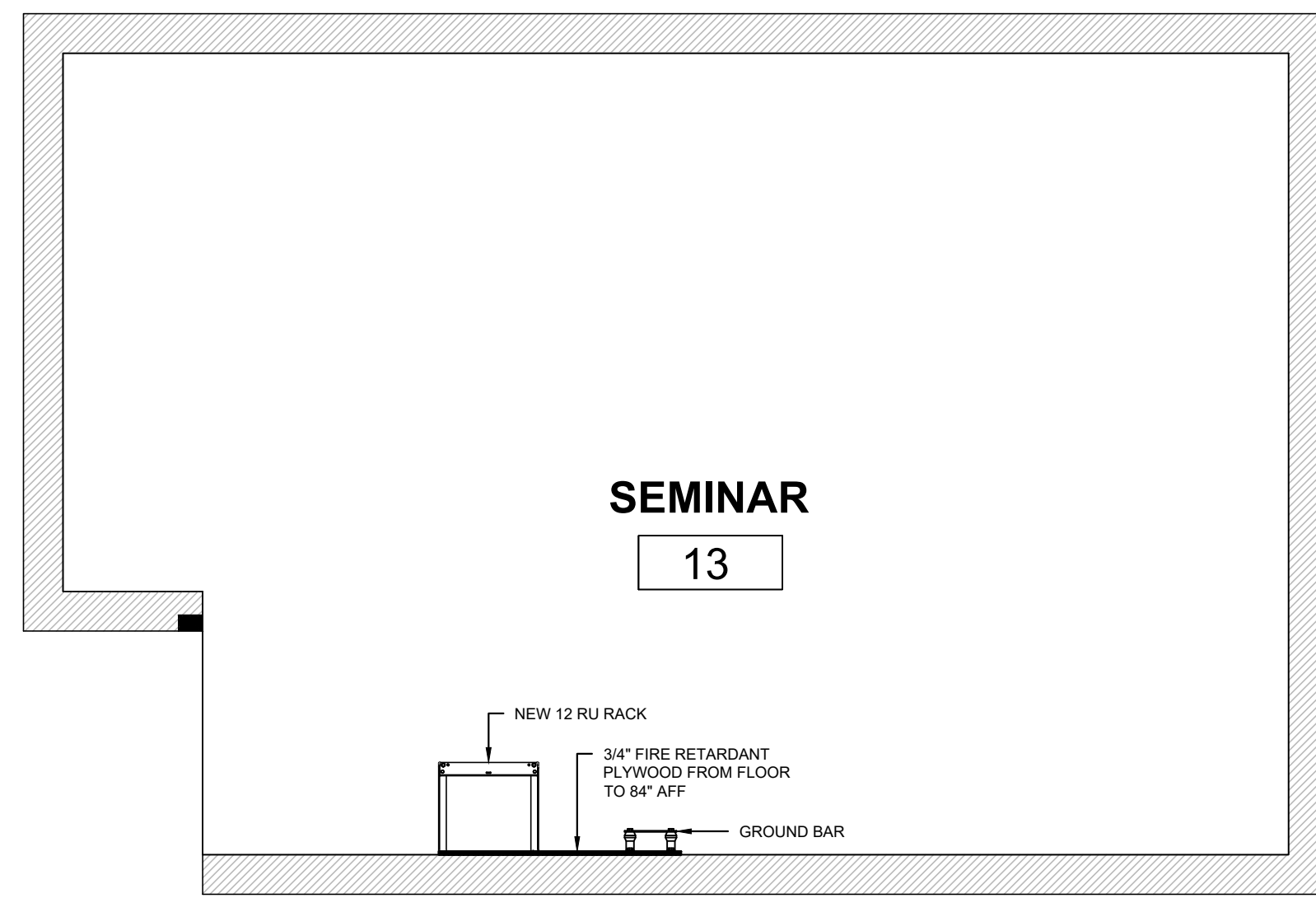
Issued On August 16, 2024

Sheet Contents
**TELECOM -
FLOOR PLAN**

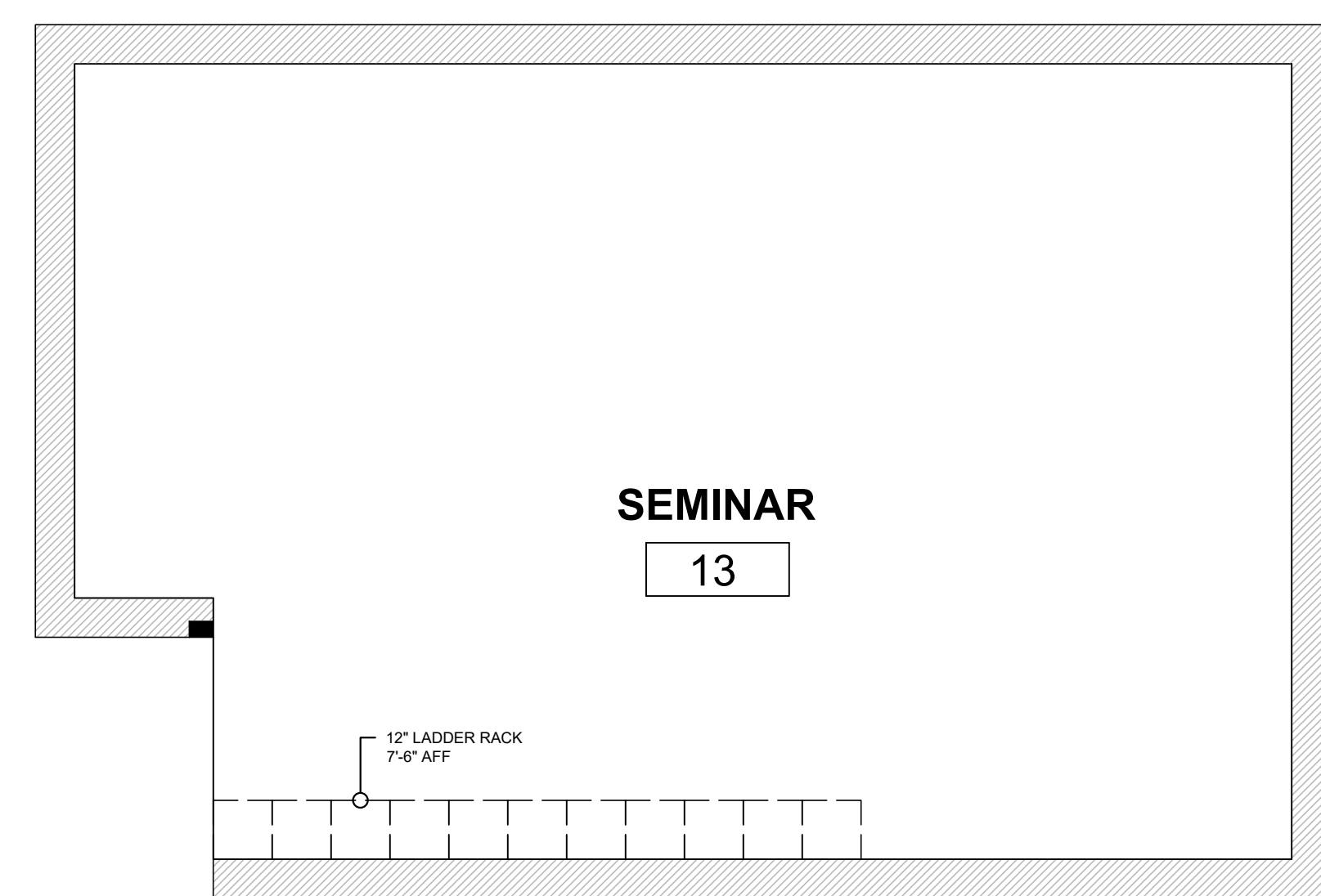
Project Number. 6834

Drawing No. **TC102**

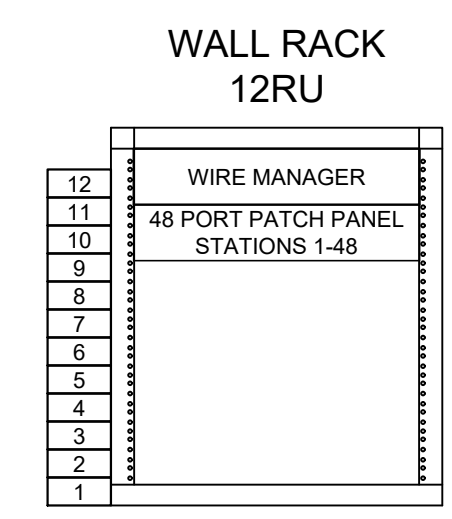
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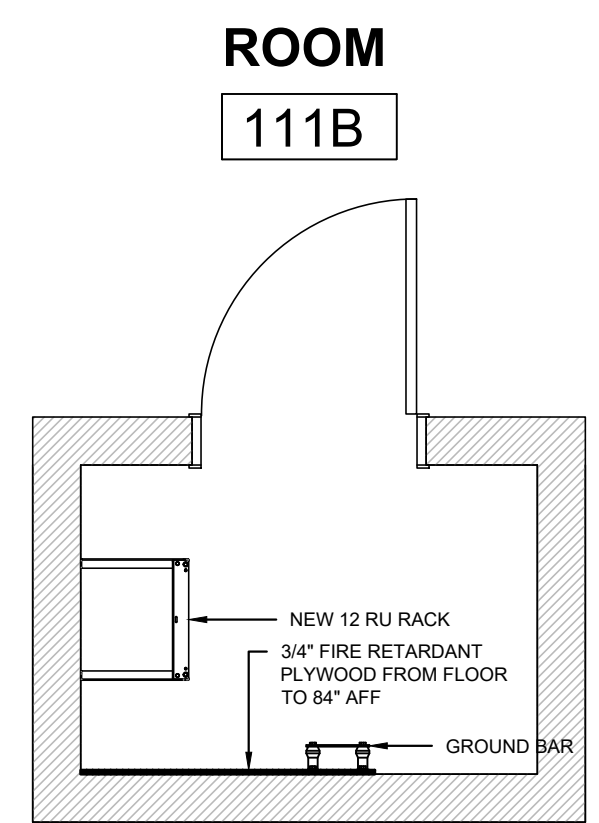
1 SEMINAR 13 - EQUIPMENT LAYOUT
SCALE: 1/2" = 1'-0"
TC200



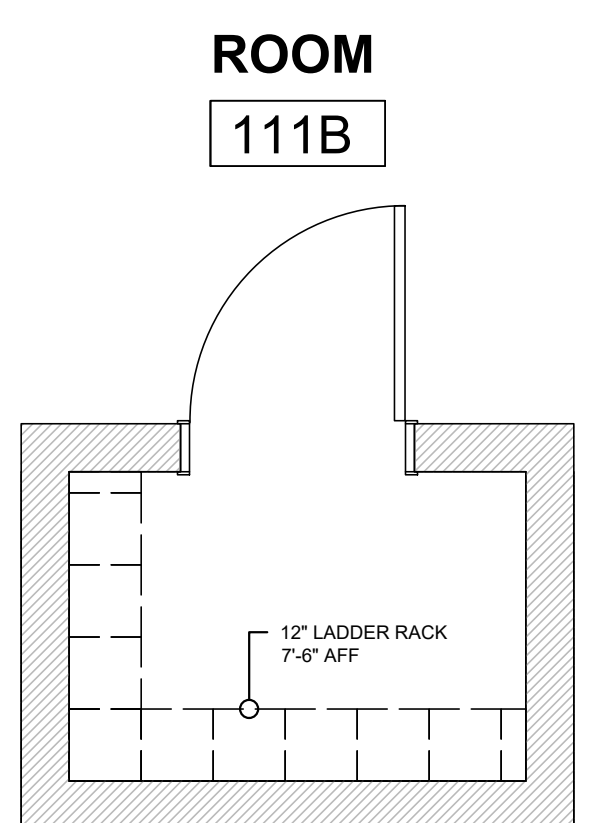
4 SEMINAR 13 - TRAY LAYOUT
SCALE: 1/2" = 1'-0"
TC200



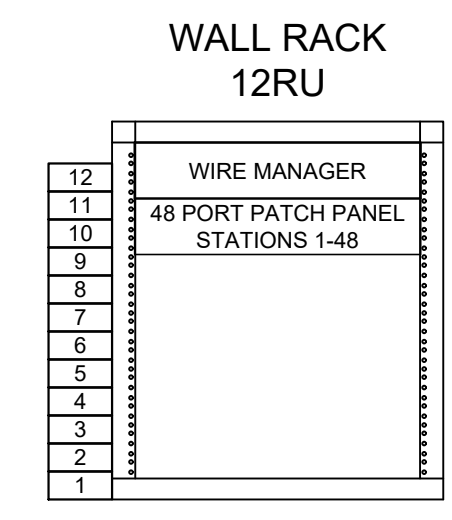
6 SEMINAR 13 - RACK ELEVATION
SCALE: 1" = 1'-0"
TC200



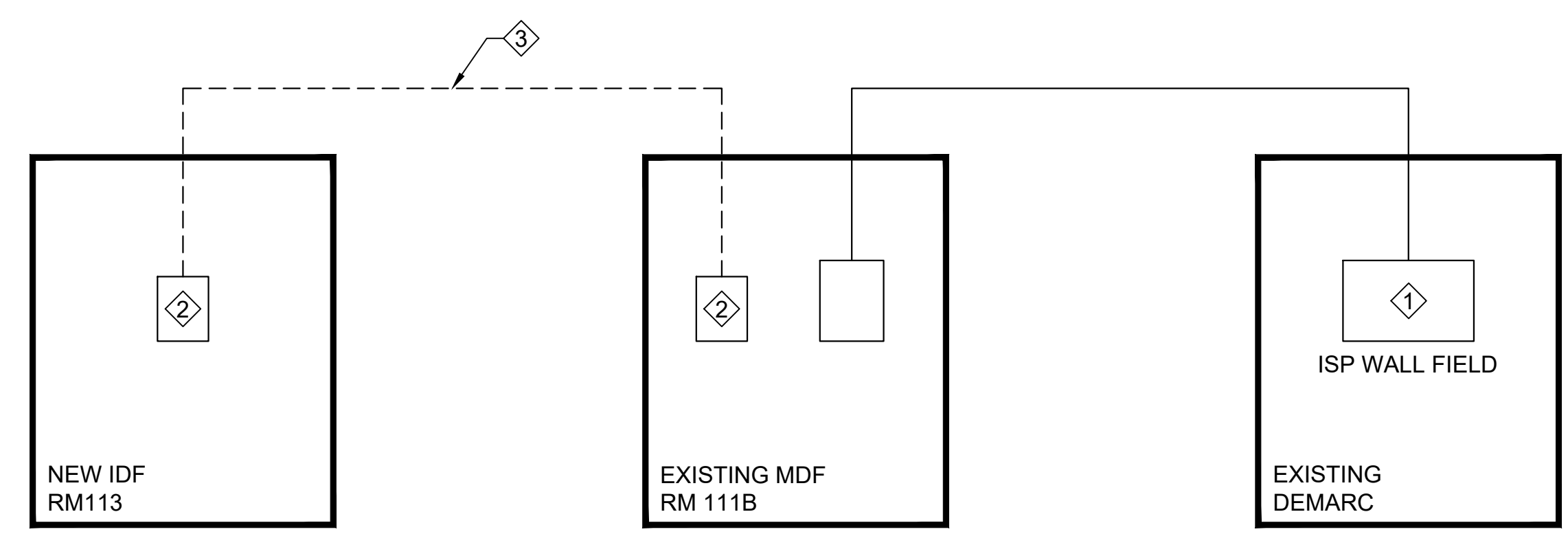
2 ROOM 111B - EQUIPMENT LAYOUT
SCALE: 1/2" = 1'-0"
TC200



5 ROOM 111B - TRAY LAYOUT
SCALE: 1/2" = 1'-0"
TC200

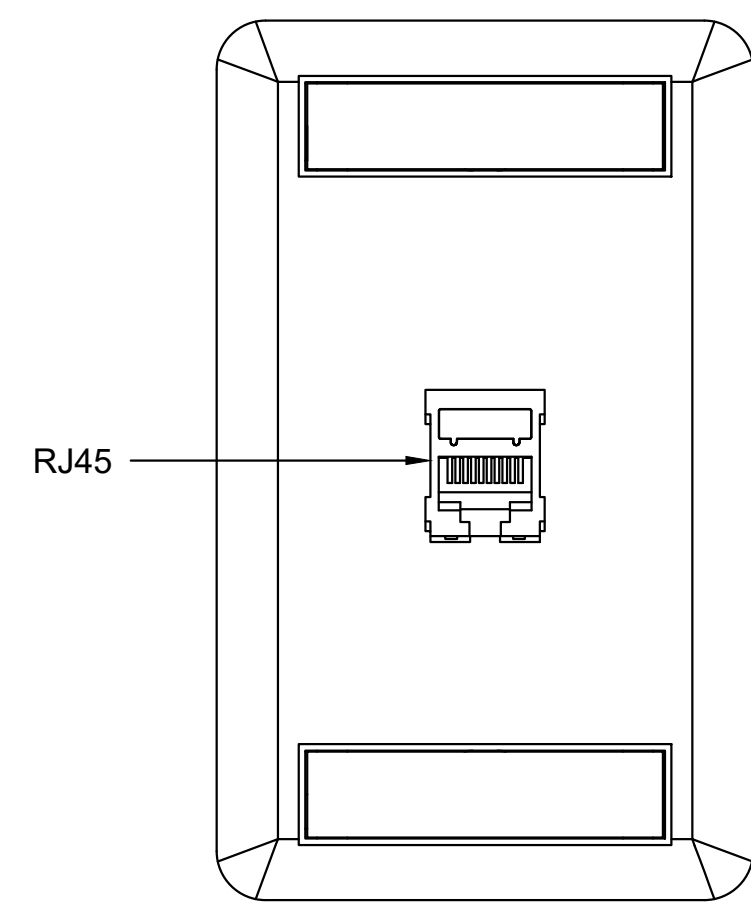


7 ROOM 111B - RACK ELEVATION
SCALE: 1" = 1'-0"
TC200



#	SHEET KEY NOTES
①	ISP TO PULL BACK EXISTING CABLING AND RERUN IN NEW CONDUIT
②	NEW 12U WALL MOUNTED CABINET
③	12 STRAND OM3 MULTI-MODE, ARMORED, PLENUM RATED FIBER OPTIC CABLE TERMINATED WITH LC CONNECTORS

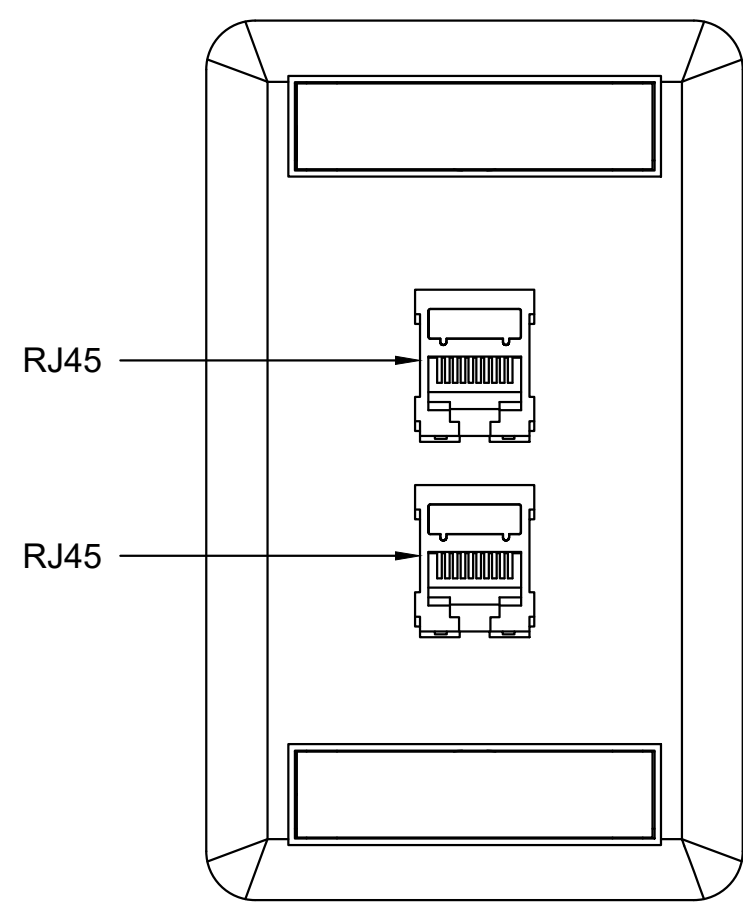
3 TELECOM - RISER DIAGRAM
SCALE: N.T.S.
TC200



1

1 TYPICAL OUTLET "1" DETAIL

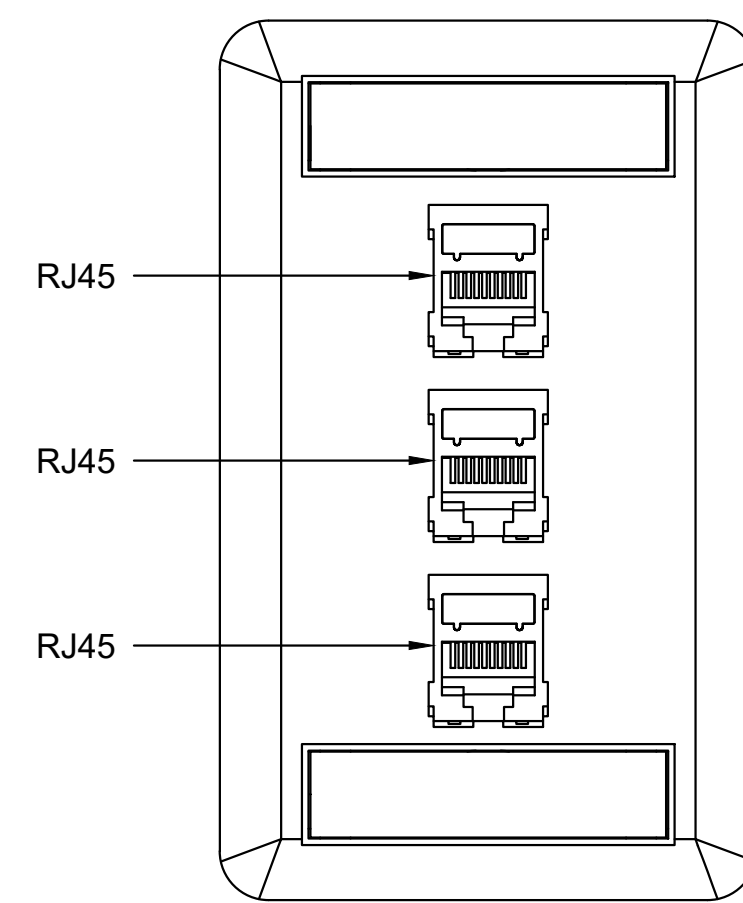
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2

2 TYPICAL OUTLET "2" DETAIL

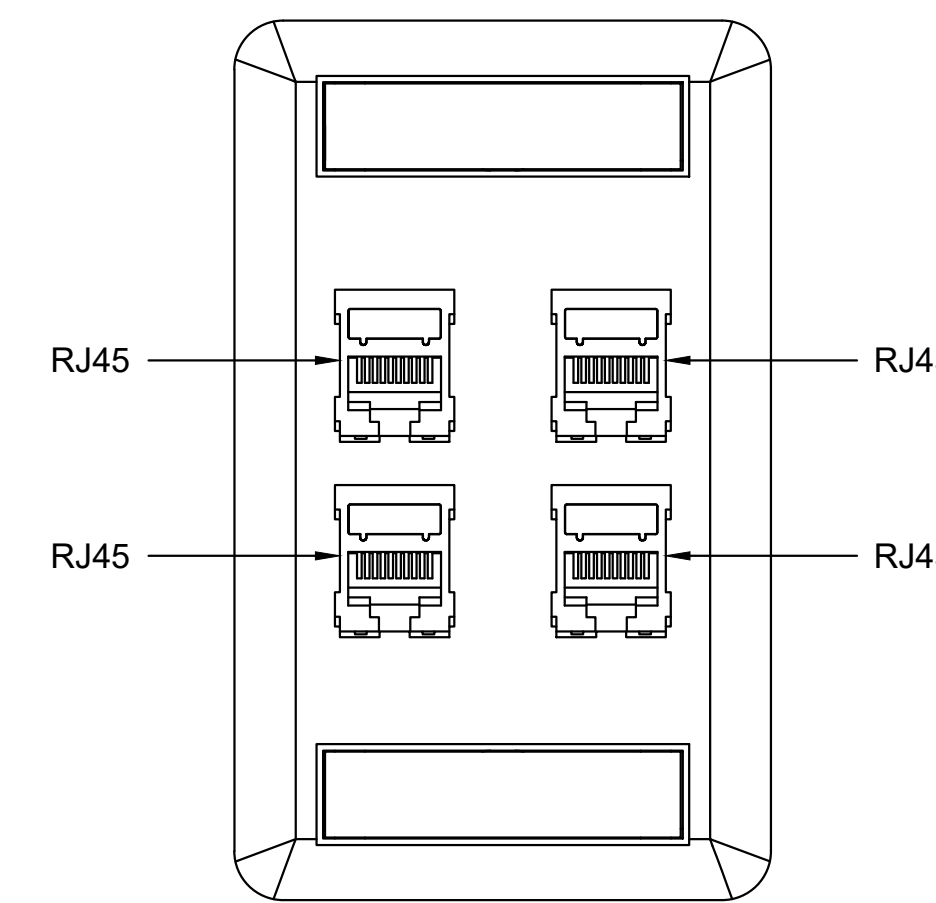
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3

3 TYPICAL OUTLET "4" DETAIL

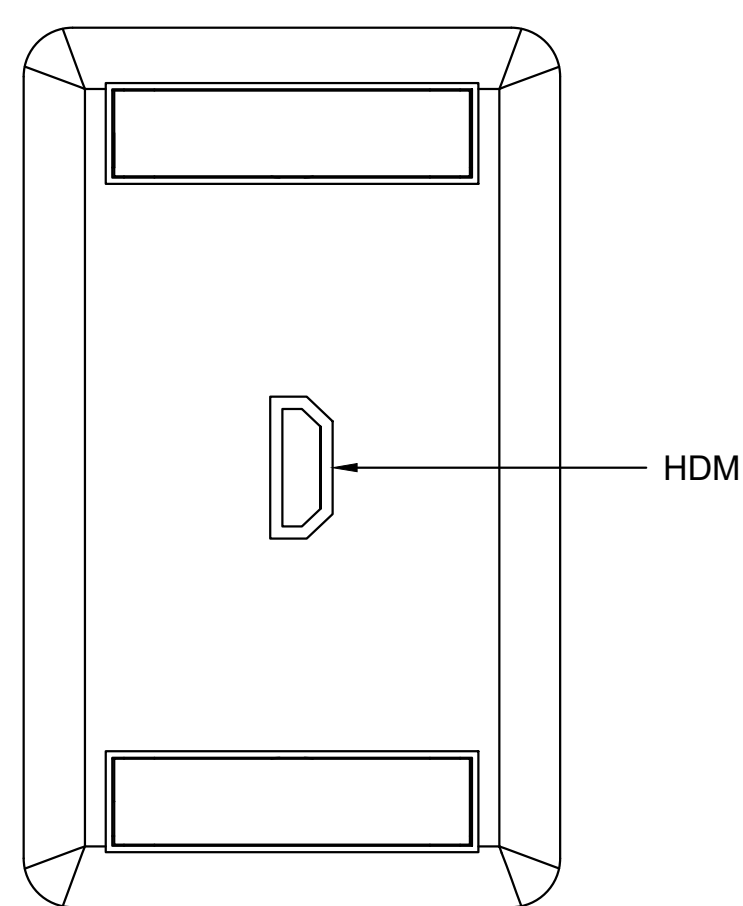
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4

4 TYPICAL OUTLET "4" DETAIL

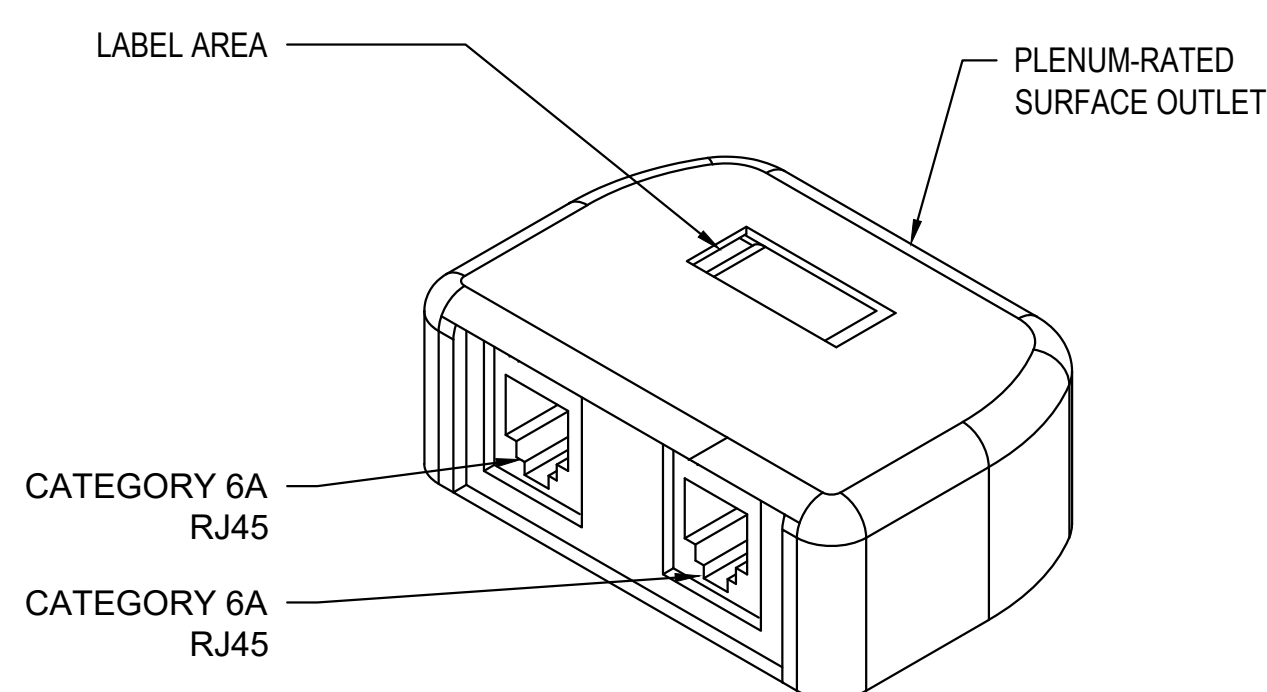
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TV

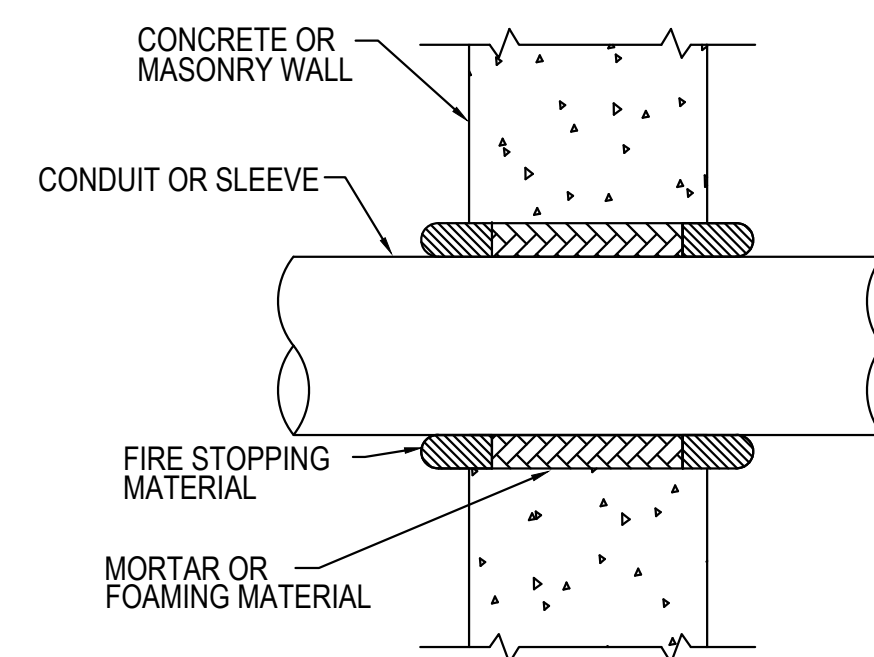
5 TYPICAL OUTLET "AV" DETAIL

NO SCALE



6 TYPICAL OUTLET "WAP" DETAIL

NO SCALE

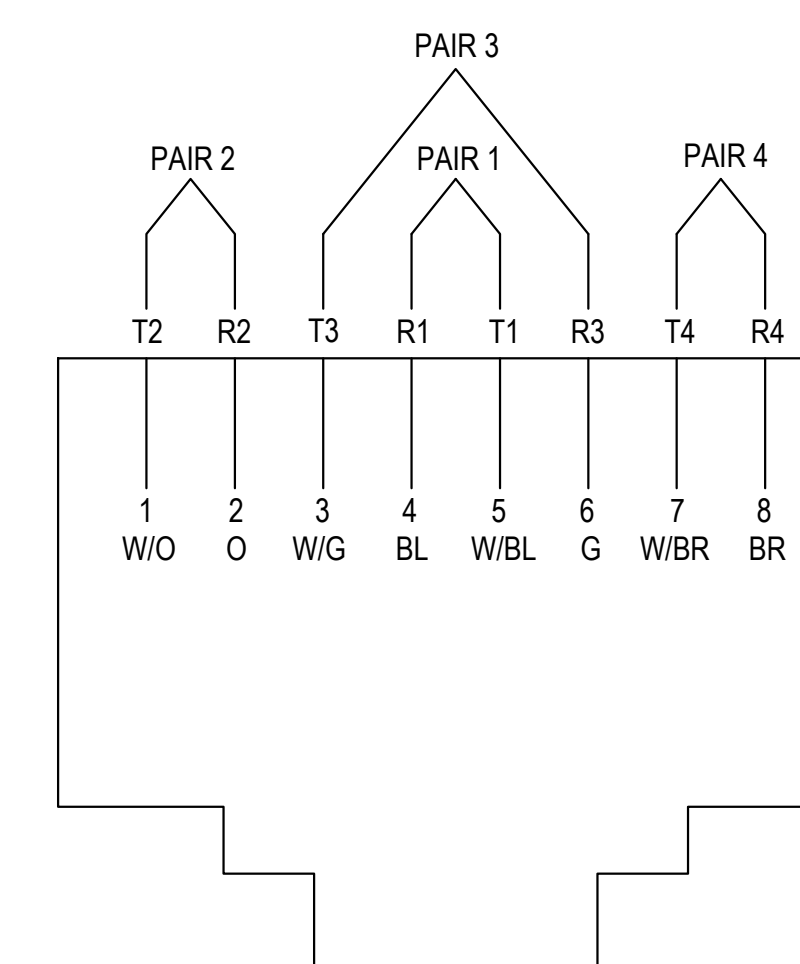


NOTES:

1. INSTALL FIRE STOPPING MATERIAL IN ACCORDANCE WITH UL 1479 STANDARDS AND MANUFACTURER TESTED METHODS.
2. INSTALL FIRE STOPPING MATERIAL INSIDE SLEEVES AFTER CABLE INSTALLATION IS COMPLETE.
3. ALWAYS RESTORE THE FIRE-RATING OF THE WALL TO ITS INTENDED DESIGN.

7 FIRESTOPPING DETAIL

NO SCALE

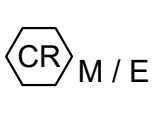




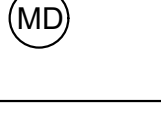

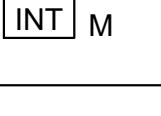
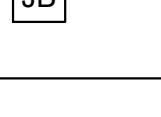



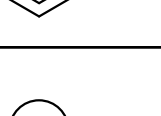

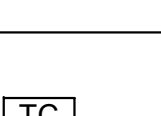
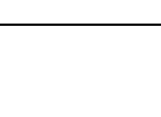


8 568B WIRING SCHEME

NO SCALE

SECURITY LEGEND AND ABBREVIATIONS

ABBREVIATIONS	
CL	CENTERLINE
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
ATR	ALL THREADED ROD
AWG	AMERICAN WIRE GAUGE
BFB	BUILDER FURNISHED - BUILDER INSTALLED
BMS	BUILDING MANAGEMENT SYSTEM
C	CONDUIT
CCTV	CLOSED CIRCUIT TELEVISION
CFD	CEMENT-FIBER DUCT
CL	CLOSET
CLG	CEILING
COAX	COAXIAL CABLE
CT	CABLE TRAY
CTR	CENTER
DIA	DIAMETER
DGP	DATA GATHERING PANEL
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
ELEV	ELEVATOR
EMI	ELECTROMAGNETIC INTERFERENCE
EMT	ELECTRICAL METALLIC TUBING
EQPT	EQUIPMENT
FBO	FURNISHED BY OTHERS
FC	FINISHED CEILING
FCC	FIRE CONTROL CENTER
FR	FIRE RATED
FRP	FIBERGLASS REINFORCED PLASTIC
GFGI	GOVERNMENT FURNISHED - GOVERNMENT INSTALLED
GC	GENERAL CONTRACTOR
GND	GROUND
HVAC	HEATING VENTILATION & AIR CONDITIONING
IDF	INTERMEDIATE DISTRIBUTION FRAME
IMC	INTERMEDIATE METAL CONDUIT - SEE NEC ARTICLE 342
JB	JUNCTION BOX
LAN	LOCAL AREA NETWORK
LEC	LOCAL EXCHANGE CARRIER
MDF	MAIN DISTRIBUTION FRAME
MM	MULTI-MODE (OPTICAL FIBER)
MTD	MOUNTED
MTG	MOUNTING
NEC	NATIONAL ELECTRICAL CODE - NFPA 70
NESC	NATIONAL ELECTRICAL SAFETY CODE
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OSP	OUTSIDE PANT
PNL	PANEL
PR	PAIRS-NUMBER OF PAIRS IN COPPER CABLE
PVC	POLYVINYL CHLORIDE
RM	ROOM
RMC	RIGID METAL CONDUIT - SEE NEC ARTICLE 344
RU	RACK UNIT; UNIT OF PATCH PANEL HEIGHT EQUAL TO 1.75 INCH
SCC	SECURITY CONTROL CENTER
SDF	SECURITY DISTRIBUTION FRAME
SM	SINGLE-MODE (OPTICAL FIBER)
STP	SHIELDED TWISTED PAIR
TBD	TO BE DETERMINED
TC	TELECOMMUNICATIONS CONTRACTOR
TEL	TELECOMMUNICATION
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
UTP	UNSHIELDED TWISTED PAIR
WP	WEATHERPROOF

LOW VOLTAGE WIRING DEVICE LEGEND	
	CARD READER LOCATION (1) - 22/6 SHIELDED E = EXISTING TO REMAIN M = MULLION READER
	DOOR CONTACT LOCATION (1) - 18/4 SHIELDED FOR DOOR CONTACT
	REQUEST TO EXIT LOCATION (1) - 18/4 SHIELDED
	ELECTRIFIED LOCK LOCATION (1) - 16/2 SHIELDED
	GLASS BREAK LOCATION (1) - 18/4 SHIELDED
	MOTION DETECTOR LOCATION (1) - 18/4 SHIELDED
	KEY PAD LOCATION (1) - 18/4 SHIELDED
	VIDEO INTERCOM LOCATION VIDEO INTERCOM IS 2N/AXIS MODEL #01273-001 "M" = MASTER STATION
	4-11/16" JUNCTION BOX
	FIXED VIEW CAMERA LOCATION (1) - CAT 6 CMP CABLE EXT = EXTERIOR
	180° CAMERA (1) - CAT 6 CMP CABLE EXT = EXTERIOR
	360° CAMERA (1) - CAT 6 CMP CABLE EXT = EXTERIOR
	INDICATES DOOR TYPE - SEE SHEET SE200 FOR DOOR TYPE DETAILS
	DOOR RELEASE BUTTON (1) - 18/4 SHIELDED TO ACP
	PANIC BUTTON (1) - 18/4 SHIELDED
	TIME CARD

LEGEND NOTES
THIS SHEET IS A GENERAL LIST OF SYMBOLS AND ABBREVIATIONS AND SHALL BE USED AS A DICTIONARY TO DEFINE ITEMS INDICATED ON DRAWINGS. NOT ALL SYMBOLS OR ABBREVIATIONS ARE NECESSARILY USED ON THIS PROJECT.

DRAWING LIST	
SE000	SECURITY - LEGEND AND NOTES SHEET
SE100	SECURITY - OVERALL FLOOR PLAN
SE200	SECURITY - DETAILS SHEET
SE201	SECURITY - DETAILS SHEET

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Certification

Drawn by JAS

Checked by MG

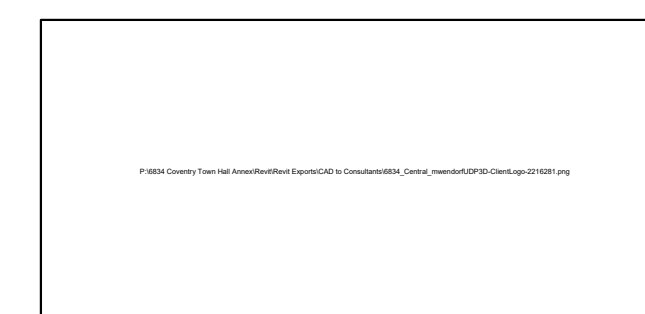
Revised on

50 Holden Street
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Phone: (401) 272-1730
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**Coventry Dept. of
Public Works**
**Coventry Town Hall
Annex**



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Coventry, RI 02816

Drawing Status
Issued for Construction

Issued On August 16, 2024

Sheet Contents
**SECURITY -
LEGENDS AND
NOTES SHEET**

Project Number. 6834

Drawing No. **SE000**

Sheet of

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(2) - CAMERAS ON LIGHT POLES/ISLANDS. 360° CAMERAS. CONDUITS BY TOWN. CONTRACTOR TO INSTALL INDOOR/OUTDOOR PLENUM RATED CABLE

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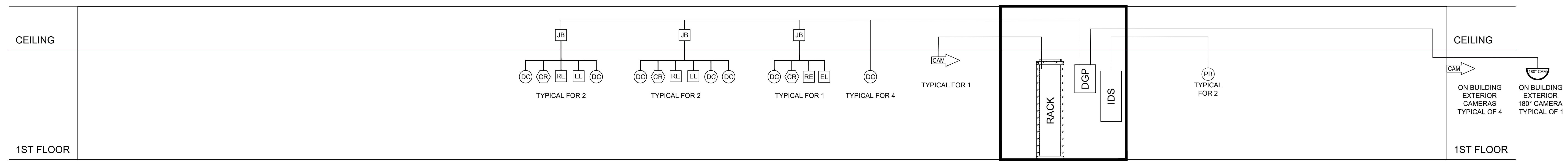
Sheet Contents
SECURITY - OVERALL FLOOR PLAN

Project Number. 6834

Drawing No. **SE100**

Sheet of

SECURITY RISER DIAGRAM



1
SE200 SECURITY RISER DIAGRAM
SCALE: N.T.S.

Device Number	Cable N=New E=Existing	Camera N=New XR= Existing to be Replaced	Mount C=Ceiling W=Wall P=Pole	Type Interior/ Exterior	CAMERA SCHEDULE										INTEGRATION					Comments
					Field of View	Lens	Mega-Pixel Resolution	360/ 180	Fixed	WDR	Record Rate (FPS)	Record on Motion	Basis of Design Model	Intrusion Camera Callup (Device Number)	Card Access Camera Callup (Device Number)	POE	IP ADDRESS	MAC ADDRESS		
CAM 001	N	N	P	Exterior	Parking	3.2-8.1mm, F1.9-3.2	2592x1944	##		X	15 FPS	X	Axis P3737-PLE			802.3at type 2 class 4				
CAM 002	N	N	P	Exterior	Parking	3.2-8.1mm, F1.9-3.2	2592x1944	##		X	15 FPS	X	Axis P3737-PLE			802.3at type 2 class 4				
CAM 003	N	N	W	Exterior	NW Door	3.4-8.9mm F1.8	1920x1080		X	X	15 FPS	X	Axis P3265-LVE			802.3at type 1 class 3				
CAM 004	N	N	W	Exterior	Courtyard	3.2-8.1mm, F1.9-3.2	2592x1944	##		X	15 FPS	X	Axis P3727-PLE			802.3at type 2 class 4				
CAM 005	N	N	C	Interior	Corridor	3.4-8.9mm F1.8	1920x1080		X	X	15 FPS	X	Axis P3265-V			802.3at type 2 class 4				
CAM 006	N	N	W	Exterior	SW Door	3.4-8.9mm F1.8	1920x1080		X	X	15 FPS	X	Axis P3265-LVE			802.3at type 2 class 4				
CAM 007	N	N	W	Exterior	Front Entrance (west)	3.4-8.9mm F1.8	2592x1944			X	15 FPS	X	Axis P3267-LVE			802.3at type 1 class 3				
CAM 008	N	N	W	Exterior	Front Entrance (east)	3.4-8.9mm F1.8	1920x1080		X	X	15 FPS	X	Axis P3267-LVE			802.3at type 1 class 3				

2
SE200 SECURITY CAMERA SCHEDULE
SCALE: N.T.S.

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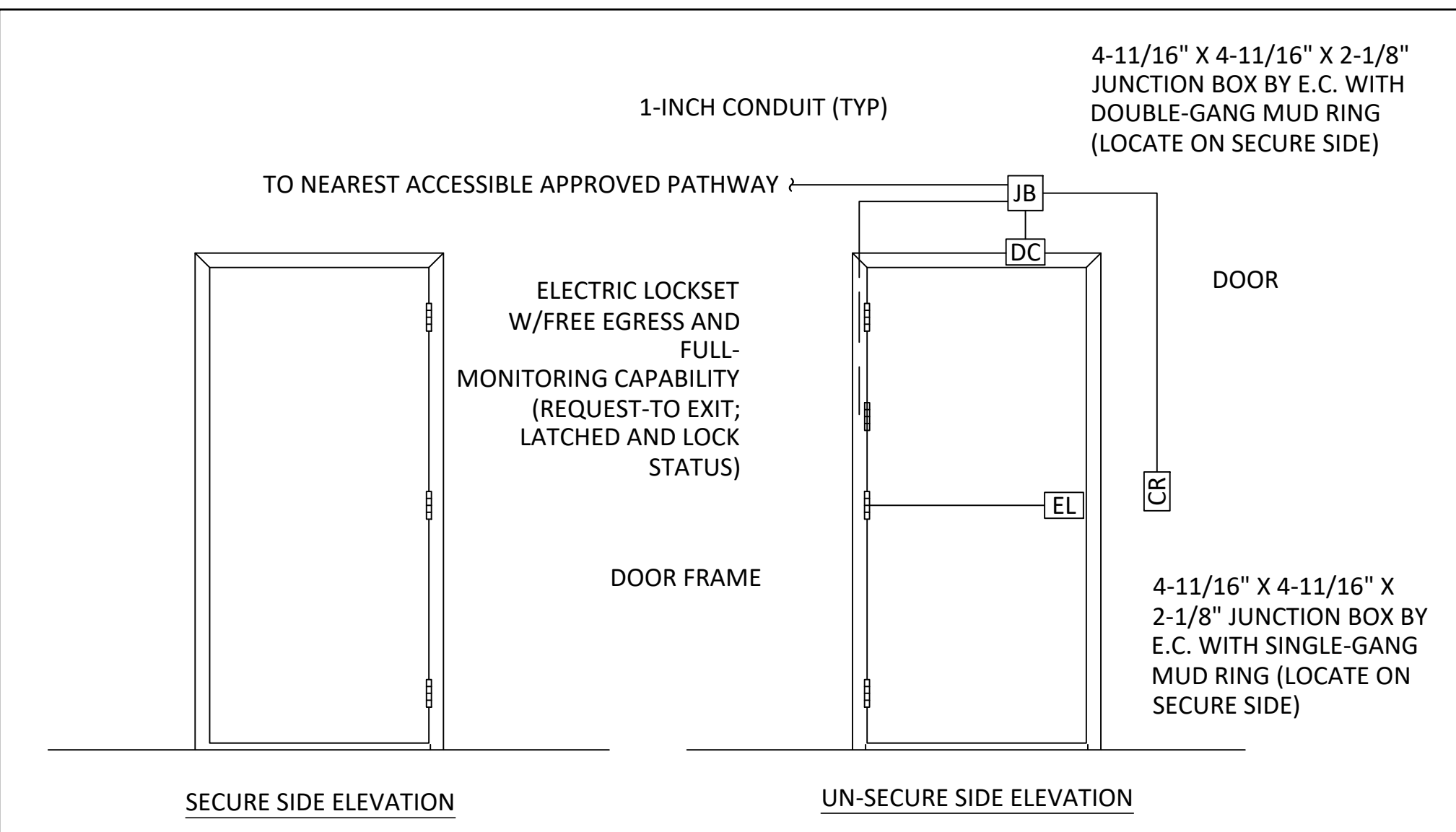
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Sheet Contents
**SECURITY -
DETAILS SHEET**

Project Number. 6834

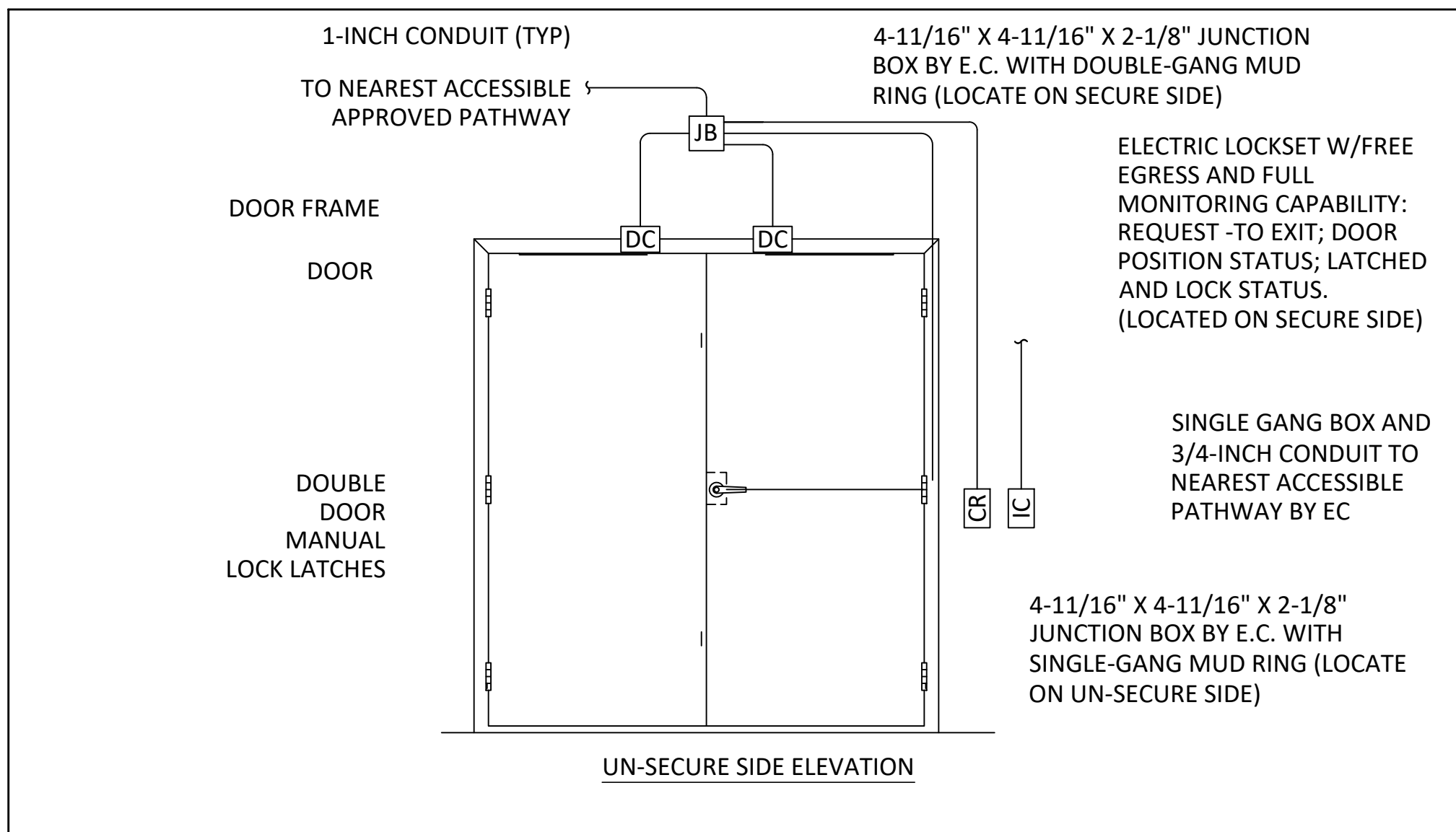
Drawing No. **SE200**

Sheet of



- NOTES:**
- UNLESS OTHERWISE SPECIFIED ON ARCHITECTURAL DOOR SCHEDULE, DOOR FRAME AND ALL DOOR HARDWARE IS FURNISHED BY OTHERS.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE JUNCTION BOXES AND ALL CONDUITS AS INDICATED. REFER TO ARCHITECTURAL DRAWINGS FOR DEVICE HEIGHTS.
 - GENERAL CONTRACTOR SHALL FIELD LOCATE DOOR CONTACT (I.E., DOOR POSITION SWITCH) AND PREP DOOR WITH 3/4" DIA. HOLE LOCATED AT TOP OF FRAME 4-INCHES FROM LATCH SIDE OF DOOR. ELECTRICAL CONTRACTOR SHALL ASSURE DOOR CONTACT CONDUIT(S) PROPERLY ALIGN WITH OPENING AND THAT THE DOOR CONTACT CONDUIT DOES NOT EXCEED 1/4" BE;PW BOTTOM OF DOOR HEADER. EC SHALL FURNISH AND INSTALL BANG ON BUSHINGS AND PULL STRINGS FOR EACH DOOR CONTACT CONDUIT AS INDICATED ON PLANS AND DETAILS.
 - UNLESS OTHERWISE INDICATED ALL LOCKS SHALL FAIL SECURE WITH FREE EGRESS.

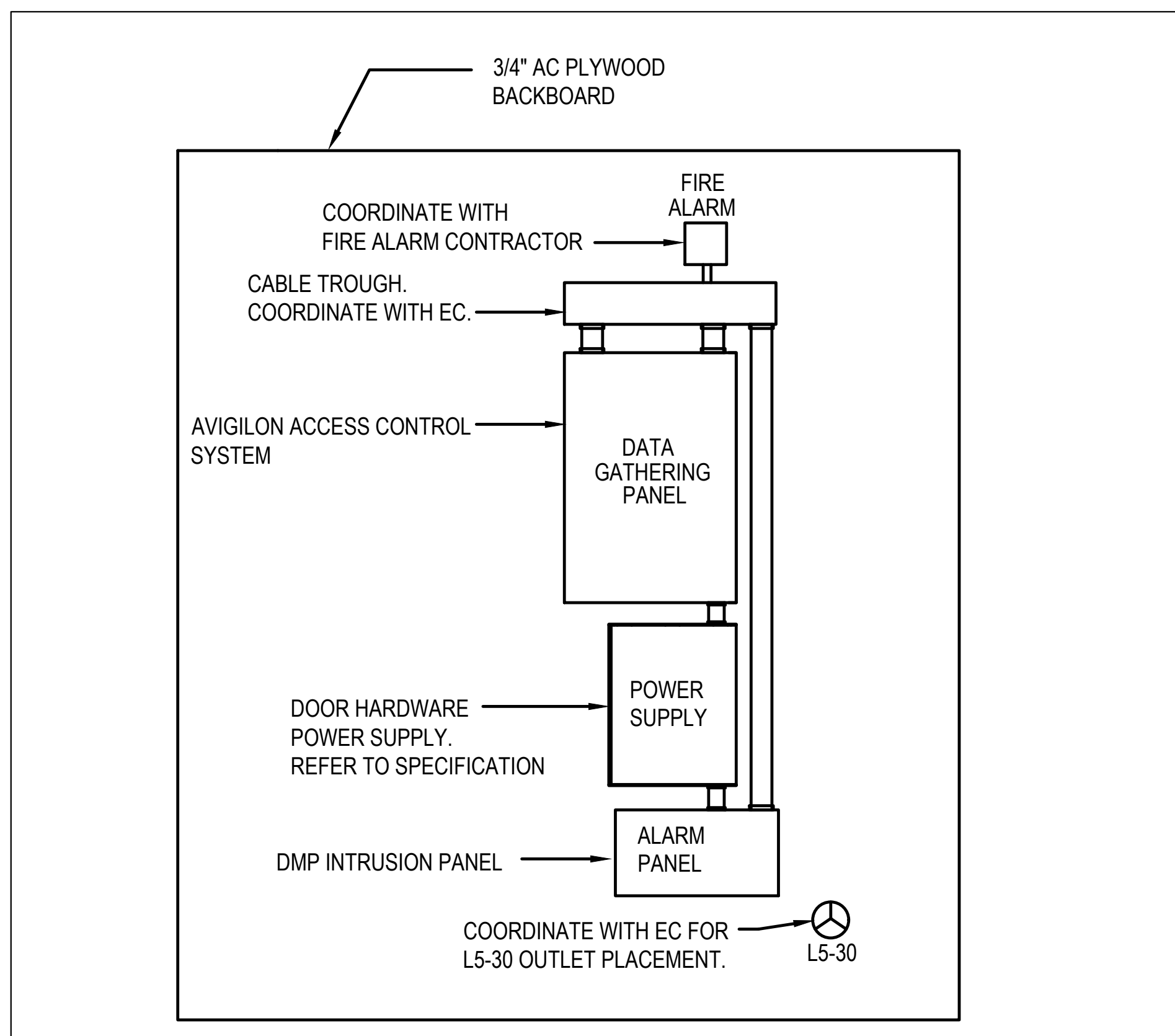
ACCESS PORTAL WITH ELECTRIFIED LOCK SET - DOOR STYLE 02



- NOTES:**
- UNLESS OTHERWISE SPECIFIED ON ARCHITECTURAL DOOR SCHEDULE, DOOR FRAME AND ALL DOOR HARDWARE IS FURNISHED BY OTHERS.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE JUNCTION BOXES AND ALL CONDUITS AS INDICATED.
 - REFER TO ARCHITECTURAL DRAWINGS FOR DEVICE HEIGHTS.
 - FIELD LOCATE DOOR POSITION SWITCH AND PREP DOOR/FRAME AS REQUIRED.

ACCESS PORTAL WITH ELECTRIFIED LOCK SET - DOOR STYLE 01

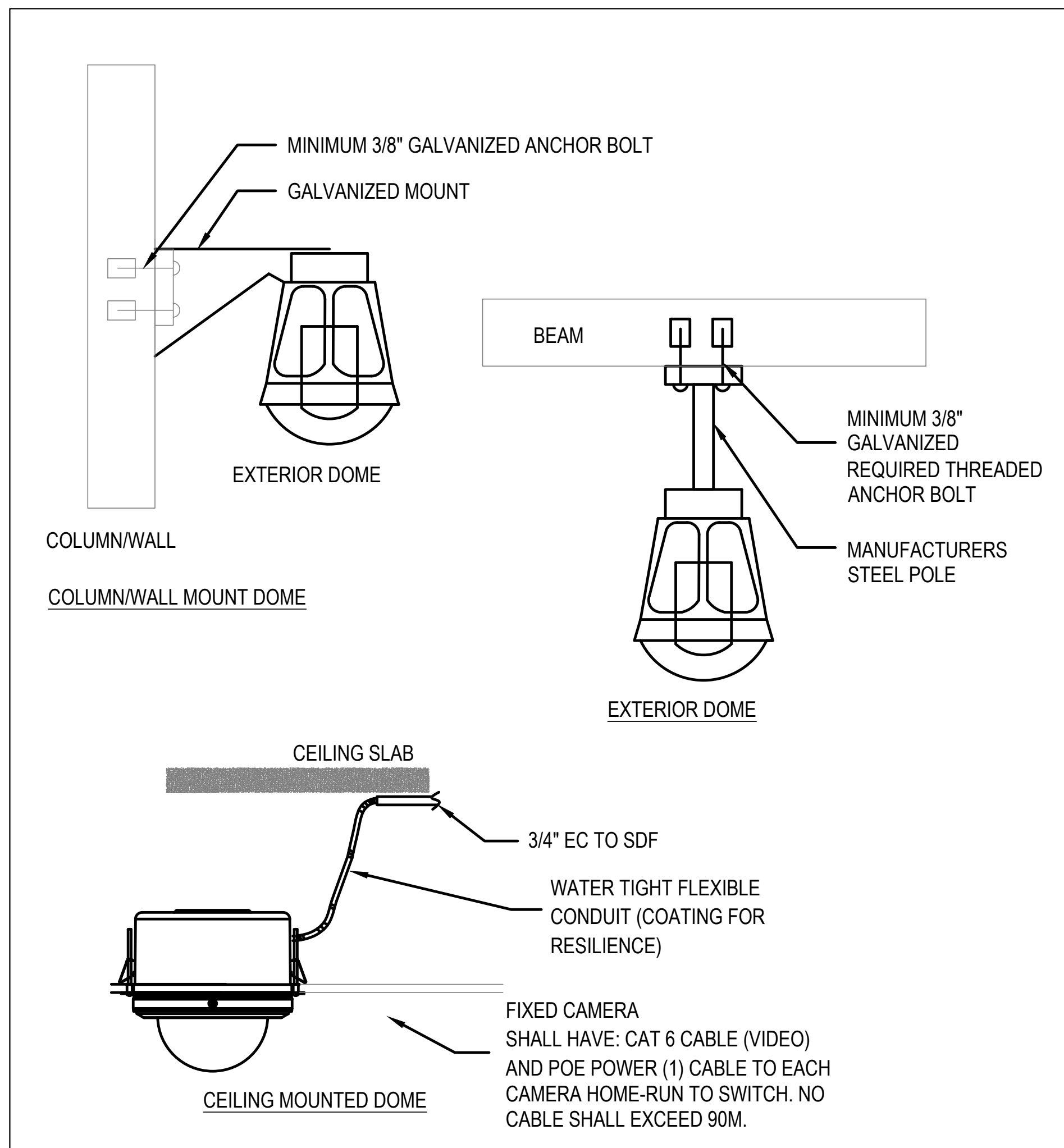
1 SECURITY DOOR TYPE DETAILS
SCALE: N.T.S.



- NUMBERED NOTES:**
- PROVIDE AVIGILON PANEL WITH SYSTEM CAPABILITIES FOR 16 DOORS. REFER TO SECURITY FLOOR PLAN FOR EXACT QUANTITIES.
 - PROVIDE DMP INTRUSION PANEL FOR REMOTE MONITORING. COORDINATE CONNECTION TO REMOTE MONITORING SERVICE WITH OWNER.

SECURITY WALL FIELD (LOCATED IN MDF)

NO SCALE



CAMERA MOUNTING DETAILS

NO SCALE

2 SECURITY DETAILS
SCALE: N.T.S.