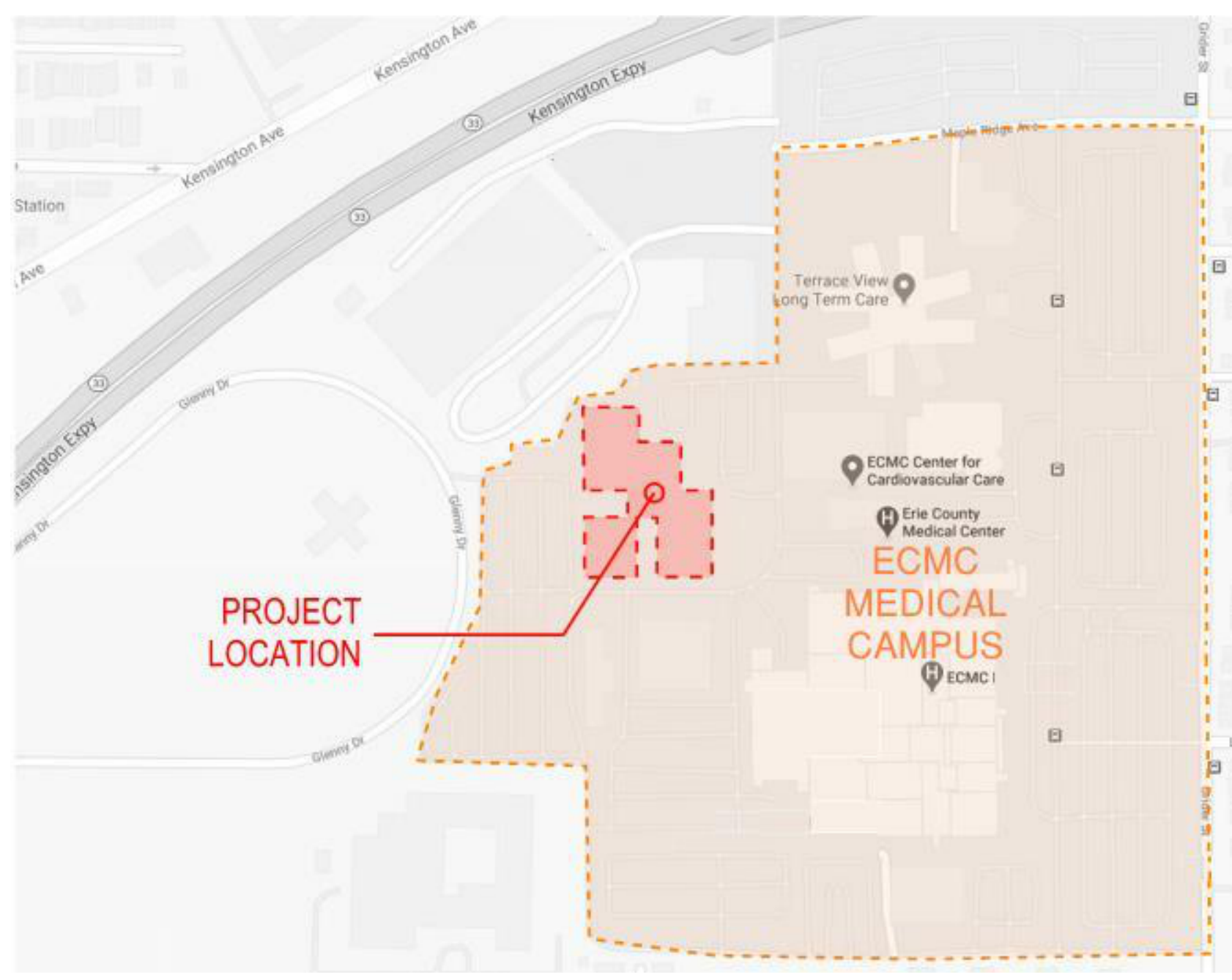


Erie County Health Lab Building 17 Renovations- Phase 3

ERIE COUNTY HEALTH LAB
 503 KENSINGTON AVENUE
 BUFFALO, NY 14214

BID SET
 DPW PROJECT #: 2021-885-02

PROJECT LOCATION MAP



CLIENT



ERIE COUNTY HEALTH DEPARTMENT
 95 FRANKLIN STREET
 BUFFALO, NEW YORK 14202
 Phone: 716.858.7690

CONSULTANTS

STRUCTURAL ENGINEER:



SIRACUSE ENGINEERS, PC
 960 BUSTI AVE #120
 BUFFALO, NEW YORK 14213
 Phone: 716.856.1894

MEP ENGINEER:



THE LiRo GROUP
 690 DELAWARE AVENUE
 BUFFALO, NEW YORK 14209
 Phone: 716.970.4124

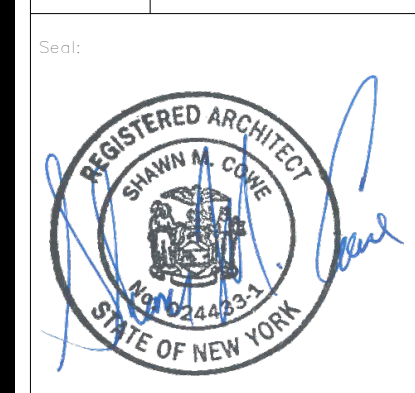
ARCHITECT OF RECORD:



FOIT-ALBERT ASSOCIATES
 295 MAIN STREET, SUITE 200
 BUFFALO, NEW YORK 14203
 Phone: 716.856.3933



COVER
ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS-
PHASE 3



Revision Number	Revision Date

Scale: AS NOTED
 Date: 01/24/2023 Project Manager: SC
 Drawn By: SK Checker By: SC
 Project: 2021-885-02
 Sheet:

G000

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LIRO ENGINEERS, INC.
 A LiRo Group Company
 Buffalo, NY Phone: 716.970.4124
SIENNA
 ENVIRONMENTAL TECHNOLOGIES
 Buffalo, NY Phone: 716.332.3134

GENERAL DRAWINGS		
SHEET NUMBER	SHEET NAME	ISSUED FOR BID
G000	COVER	01/24/2023
G001	SHEET INDEX	01/24/2023
G002	LIFE SAFETY PLAN - CC BUILDING	01/24/2023
G003	LIFE SAFETY PLAN - BB & DD BUILDING	01/24/2023
G004	ACCESSIBILITY DIAGRAMS	01/24/2023

HAZARDOUS MATERIALS DRAWINGS		
Sheet Number	Sheet Name	ISSUED FOR BID
HM100	FIRST FLOOR PLAN- CC BUILDING	01/24/2023
HM101	FIRST FLOOR PLAN- BB BUILDING	01/24/2023
HM102	FIRST FLOOR PLAN- DD BUILDING	01/24/2023
HM200	FLOOR PLAN- DD BUILDING	01/24/2023

CIVIL DRAWINGS		
SHEET NUMBER	SHEET NAME	ISSUED FOR BID
C101	SITE PLAN	01/24/2023
C201	SITE DETAILS	01/24/2023

STRUCTURAL DRAWINGS		
SHEET NUMBER	SHEET NAME	ISSUED FOR BID
S001	SYMBOLS, ABBREVIATIONS, GENERAL NOTES & DESIGN CRITERIA	01/24/2023
S002	TYPICAL DETAILS	01/24/2023
S100	ROOF FRAMING PLAN	01/24/2023
S101	FOUNDATION & ROOF FRAMING PLAN	01/24/2023
S200	SECTIONS	01/24/2023

ARCHITECTURAL DRAWINGS.		
SHEET NUMBER	SHEET NAME	ISSUED FOR BID
A001	ARCHITECTURAL NOTES, SYMBOLS, & LEGENDS	01/24/2023
A002	PARTITION TYPES & NOTES	01/24/2023
A003	PARTITION DETAILS	01/24/2023
A050	SITE PLAN	01/24/2023

DEMOLITION DRAWINGS		
SHEET NUMBER	SHEET NAME	ISSUED FOR BID
AD100	DEMOLITION FIRST FLOOR PLAN - CC BUILDING	01/24/2023
AD101	DEMOLITION FIRST FLOOR PLAN - BB BUILDING	01/24/2023
AD102	DEMOLITION FIRST FLOOR PLAN - DD BUILDING	01/24/2023
AD105	DEMOLITION ROOF PLAN - BB BUILDING	01/24/2023
AD106	DEMOLITION ROOF PLAN - DD BUILDING	01/24/2023
AD121	DEMOLITION REFLECTED CEILING PLAN - BB BUILDING	01/24/2023
AD122	DEMOLITION REFLECTED CEILING PLAN - DD BUILDING	01/24/2023
AD200	DEMOLITION EXTERIOR ELEVATIONS	01/24/2023

ARCHITECTURAL DRAWINGS		
SHEET NUMBER	SHEET NAME	ISSUED FOR BID
A100	FIRST FLOOR PLAN - CC BUILDING	01/24/2023
A101	FIRST FLOOR PLAN - BB BUILDING	01/24/2023
A102	FIRST FLOOR PLAN - MAIN ENTRY & DD BUILDING	01/24/2023
A106	ROOF PLAN- BB BUILDING	01/24/2023
A107	ROOF PLAN - DD & CC BUILDING	01/24/2023
A108	ROOF PLAN - MAIN ENTRY & DD BUILDING	01/24/2023
A111	FINISH PLANS - BB BUILDING	01/24/2023
A112	FINISH PLANS - DD BUILDING	01/24/2023
A121	REFLECTED CEILING PLAN - BB BUILDING	01/24/2023
A122	REFLECTED CEILING PLAN - DD BUILDING	01/24/2023
A200	EXTERIOR ELEVATIONS	01/24/2023
A201	EXTERIOR ELEVATIONS	01/24/2023
A400	ENLARGED PLANS- BB BUILDING	01/24/2023
A401	ENLARGED PLANS - DD BUILDING	01/24/2023
A402	ENLARGED PLANS & INTERIOR ELEVATIONS	01/24/2023
A403	ENLARGED PLANS & EXTERIOR ELEVATIONS	01/24/2023
A404	ENLARGED PLANS & INTERIOR ELEVATIONS	01/24/2023
A450	CASEWORK AND FINISH DETAILS	01/24/2023
A500	ROOF DETAILS	01/24/2023
A501	WALL DETAILS	01/24/2023
A502	WALL DETAILS	01/24/2023
A503	ALTERNATE 1- CANOPY DETAILS	01/24/2023
A600	DOOR SCHEDULE & DETAILS	01/24/2023

PLUMBING DRAWINGS		
SHEET NUMBER	SHEET NAME	ISSUED FOR BID
P-001	PLUMBING NOTES, LEGENDS & SCHEDULES	01/24/2023
P-101	PLUMBING BUILDING BB - DEMOLITION FLOOR PLAN	01/24/2023
P-102	PLUMBING BUILDING DD - DEMOLITION FLOOR PLAN	01/24/2023
P-103	PLUMBING BUILDING DD ROOF DEMOLITION	01/24/2023
P-201	PLUMBING BUILDING BB - CONSTRUCTION FLOOR PLAN	01/24/2023
P-202	PLUMBING BUILDING DD - CONSTRUCTION FLOOR PLAN	01/24/2023
P-203	PLUMBING BUILDING DD ROOF CONSTRUCTION PLANS	01/24/2023

MECHANICAL DRAWINGS		
SHEET NUMBER	SHEET NAME	ISSUED FOR BID
M-001	MECHANICAL NOTES, SYMBOLS, & LEGENDS	01/24/2023
M-101	MECHANICAL BUILDING BB OVERALL	01/24/2023
M-102	MECHANICAL BUILDING DD DEMOLITION	01/24/2023
M-103	MECHANICAL BUILDING DD ROOF DEMOLITION	01/24/2023
M-201	MECHANICAL BB CONSTRUCTION PARTIAL PLANS	01/24/2023
M-202	MECHANICAL BUILDING BB ROOF CONSTRUCTION PLANS	01/24/2023
M-203	MECHANICAL BUILDING DD CONSTRUCTION PLANS	01/24/2023
M-204	MECHANICAL BUILDING DD ROOF CONSTRUCTION PLANS	01/24/2023
M-601	MECHANICAL SCHEDULES	01/24/2023
M-801	MECHANICAL DETAILS	01/24/2023
M-802	MECHANICAL DETAILS	01/24/2023
M-901	MECHANICAL CONTROLS	01/24/2023

ELECTRICAL DRAWINGS		
SHEET NUMBER	SHEET NAME	ISSUED FOR BID
E-001	ELECTRICAL NOTES, LEGENDS AND SCHEDULES	01/24/2023
E-101	ELECTRICAL BUILDING BB - DEMOLITION	01/24/2023
E-102	ELECTRICAL BUILDING DD - DEMOLITION	01/24/2023
E-201	BUILDING BB - CONSTRUCTION	01/24/2023
E-202	BUILDING DD CONSTRUCTION	01/24/2023
E-203	BUILDING CC - ELECTRICAL PLANS	01/24/2023
E-301	BUILDING BB - LIGHTING PLAN	01/24/2023
E-302	BUILDING DD - LIGHTING PLAN	01/24/2023
E-801	ELECTRICAL DETAILS	01/24/2023

SHEET INDEX

**ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS-
PHASE 3**



Revision Number	Revision Date

Scale: AS NOTED

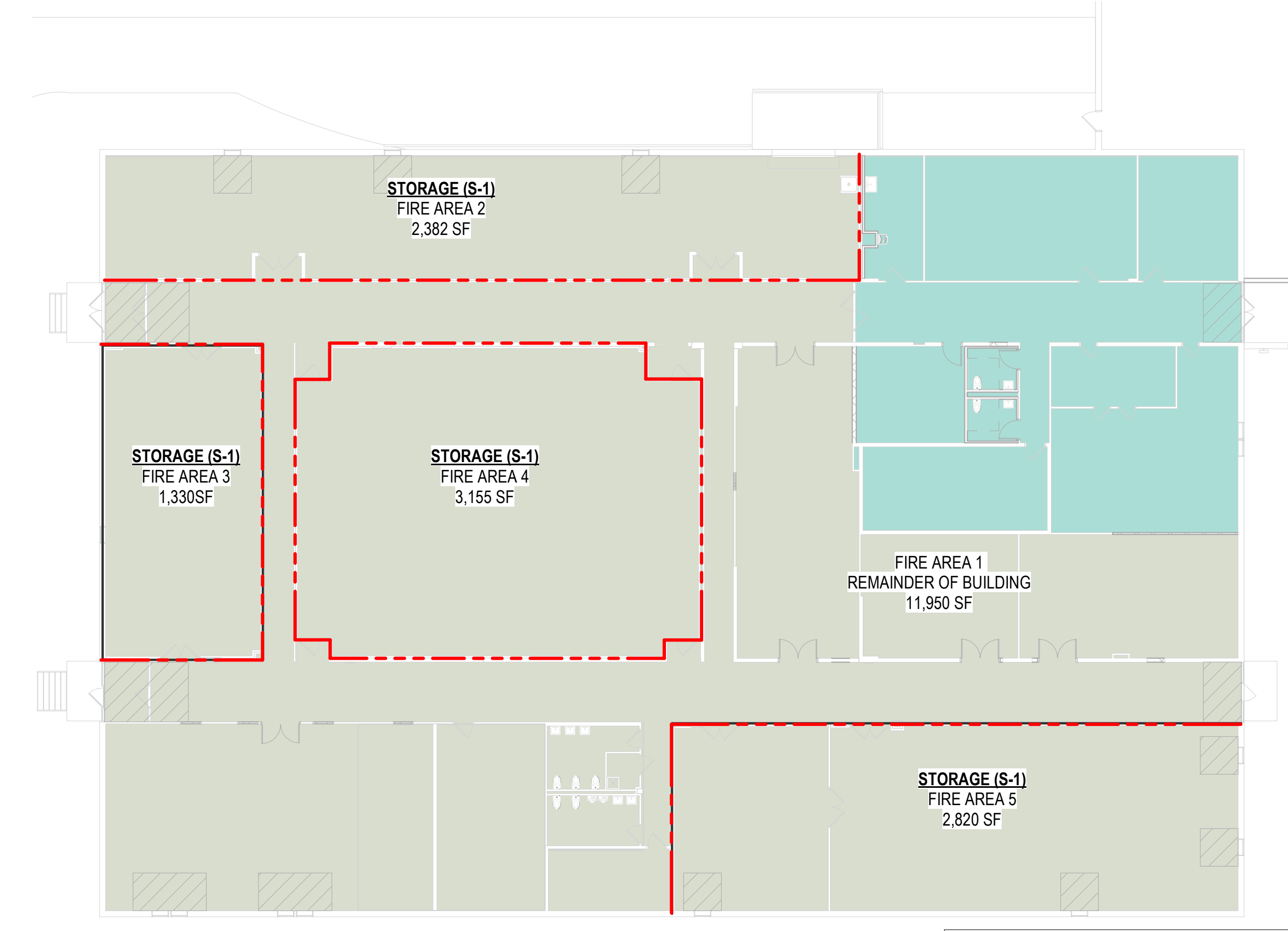
Date:	Project Manager:
01/24/2023	SC
Drawn By:	Checked By:
FA	SC
Project:	2021-885-02

Sheet: **G001**

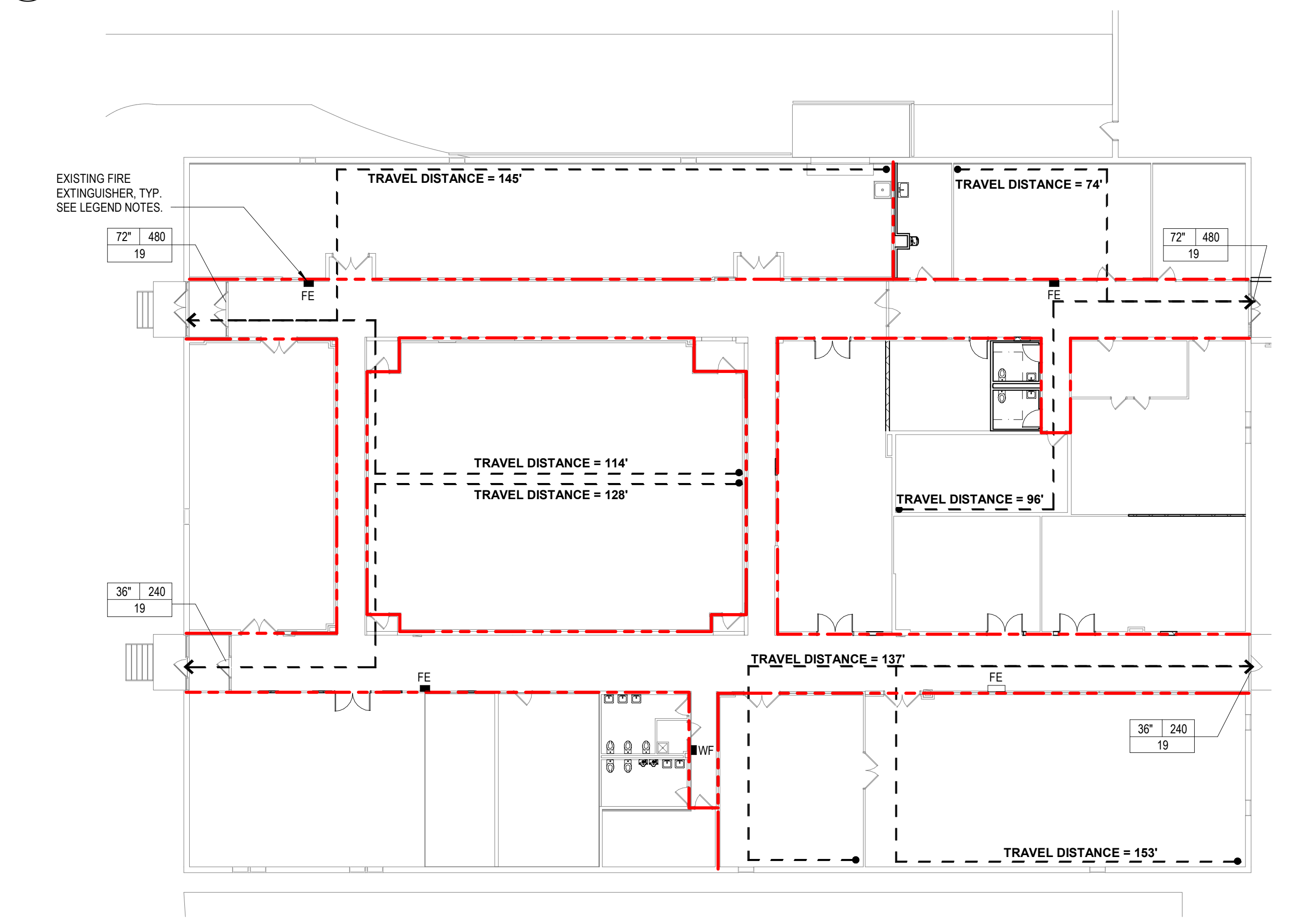
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A LIRo Group Company
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Buffalo, NY Phone: 716.332.3134

2 CODE COMPLIANCE PLAN - CC - OCCUPANCY AND FIRE AREAS
1/16" = 1'-0"



CORRIDOR WALLS NOTES
CORRIDOR WALLS TO BE RATED 1-HR PER 1G002, RATING NOT SHOWN ON THIS DRAWING TO CLARIFY FIRE AREA CONFIGURATION



ALLOWABLE TRAVEL DISTANCE PER TABLE 1017.2 = 200'

1 CODE COMPLIANCE PLAN - CC - EGRESS
1/16" = 1'-0"

CODE COMPLIANCE SYMBOL LEGEND

AREA TAGS: OCCUPANCY CLASSIFICATION (150 SF, 100), NUMBER OF PEOPLE PER BUILDING CODE, AREA IN SQUARE FEET. DOOR TAGS: DOOR SIZE (36", 240"), CALC. EGRESS CAPACITY (121), ACTUAL EGRESS CAPACITY. FIRE RATED PARTITIONS: 1 HOUR FIRE RATING (CORRIDORS), 3 HOUR FIRE RATING (FIRE AREA SEPARATION). EGRESS DISTANCE PATH: TRAVEL DISTANCE = X. FIRE EXTINGUISHERS: NEW FIRE EXTINGUISHERS (FE), EXISTING FIRE EXTINGUISHERS (FE). EXIT SIGNS: ILLUMINATED EXIT SIGNS (WALL OR CEILING PER PLANS). WATER FOUNTAINS: EXISTING WATER FOUNTAIN (WF). OCCUPANCIES: BUSINESS (B), STORAGE (S-1). HATCH LEGEND: AREA OF WORK (800 SF), NEW WALLS, EXISTING WALLS TO REMAIN.

BUILDING CODE

- BUILDING CODE OF NEW YORK STATE 2020
LOCAL AMENDMENTS:
FIRE CODE: FIRE CODE OF NEW YORK STATE 2020
ACCESSIBILITY: ICC/ANSI A117.1-2017 AND BUILDING CODE OF NEW YORK STATE
ENERGY: ENERGY CONSERVATION CODE OF NEW YORK STATE 2020

- NEW CONSTRUCTION
CHANGE OF OCCUPANCY
EXISTING STRUCTURE
ADDITION
ALTERATION
REPAIR
UPLIFT

BUILDING DATA

CONSTRUCTION TYPE: I-A, I-B, II-A, II-B, III-A, III-B
MIXED CONSTRUCTION: YES, NO
FIRE DISTRICT: YES, NO
BUILDING HEIGHT: FEET, NUMBER OF STORIES, UNLIMITED PER
MEZZANINE: YES, NO
HIGH RISE: YES, NO

LIFE SAFETY SYSTEM REQUIREMENTS

SPRINKLER SYSTEMS: YES, NO
STANDPIPE SYSTEMS: YES, NO
EXTINGUISHING SYSTEMS: YES, NO
FIRE EXTINGUISHERS: YES, NO
FIRE ALARM SYSTEMS: YES, NO
SMOKE DETECTION: YES, NO
HI-RISE FIRE SAFETY: YES, NO
VISIBLE ALARMS: YES, NO
SMOKE CONTROL: YES, NO

PLUMBING FIXTURE REQUIREMENTS

Table with columns: FIXTURE & COUNT PROVIDED (WATERCLOSETS, URINALS, LAVATORIES, SHOWERS/TUBS, DRINKING FOUNTAINS, SERVICE SINK) and PLUMBING LOAD CALCULATIONS (OFFICE, STORAGE, TOTALS ADDED AND ROUNDED UP TO THE NEAREST PERSON).

BUILDING USES

Table with columns: AREA CLASSIFICATION, BUILDING AREA, AREA/OCCUPANT TABLE 1004.1.2, OCCUPANT LOAD. Includes rows for STORAGE (S-1) and BUSINESS (B).

FIRE AREA SCHEDULE

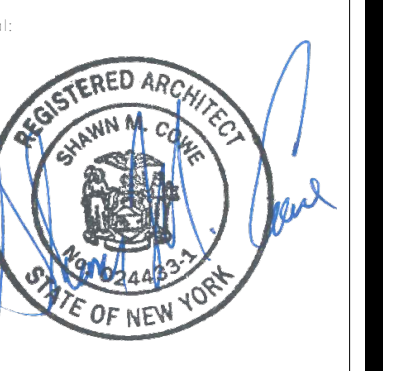
Table with columns: FIRE AREA, MOST RESTRICTIVE OCCUPANCY, AREA (PROVIDED), AREA (ALLOWED PER 903.2.9), SEPARATION REQ'D PER 707.3.10. Lists Fire Areas 1 through 5.

EXIT WIDTH

Table with columns: AREA CLASSIFICATION, BUILDING AREA, EGRESS WIDTH PER OCCUPANT, REQUIRED WIDTH, ACTUAL WIDTH. Lists STORAGE (S-1) and BUSINESS (B).

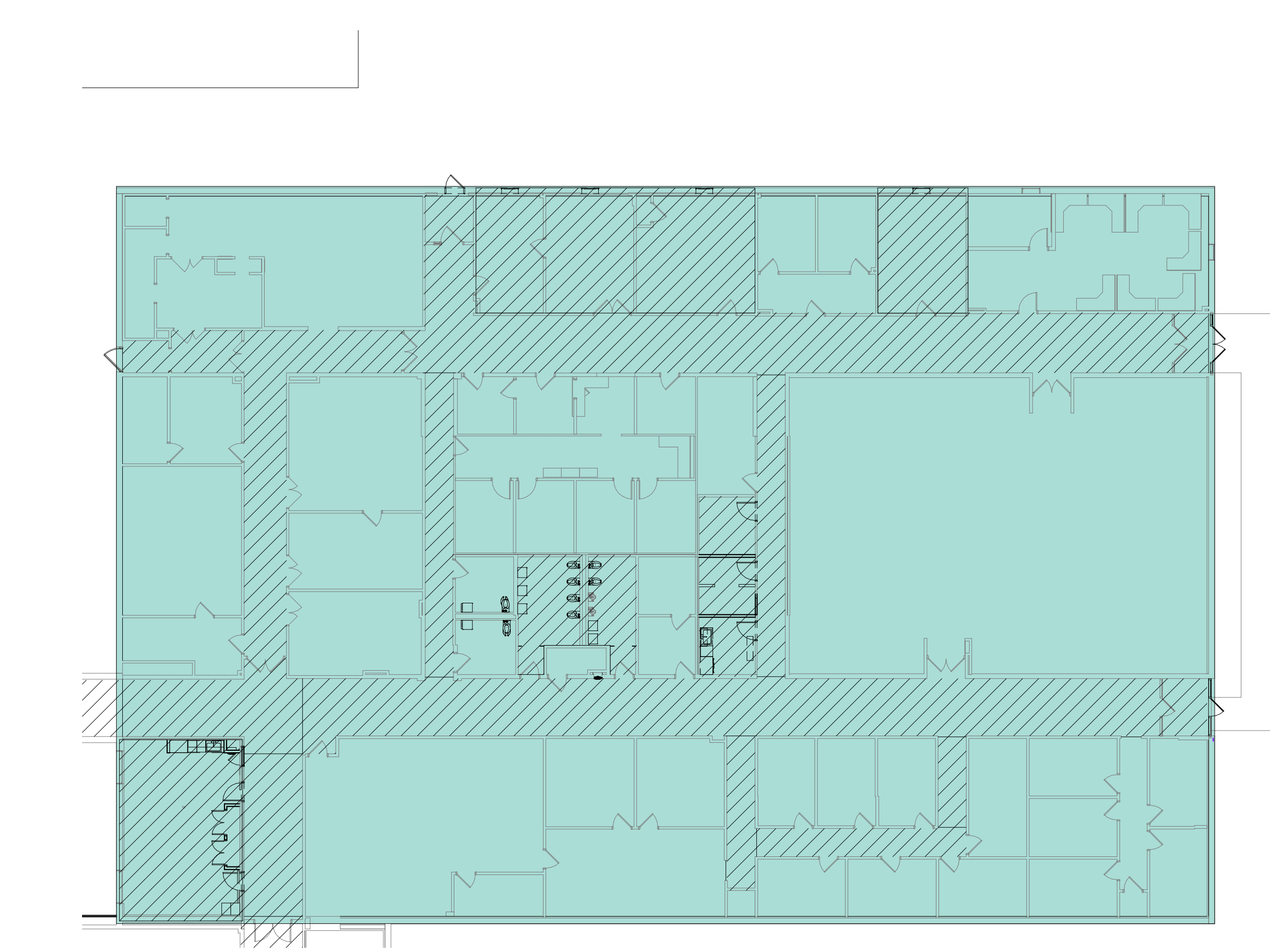
Siracuse Engineers PC, SIENNA Environmental Technology, LIRo Engineers, Inc., A LIRo Group Company. Architecture, Engineering, Surveying, Environmental.

LIFE SAFETY PLAN - CC BUILDING
ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS-
PHASE 3



Revision table with columns: Revision Number, Revision Date. Includes a section for project information: AS NOTED, Date: 01/24/2023, Project Manager: SC, Drawn By: SA, Checked By: SC, Project: 2021-885-02.

G002



CORRIDOR WALLS NOTES
 CORRIDOR WALLS TO BE RATED 1-HR PER 1/6002. RATING NOT SHOWN ON THIS DRAWING TO CLARIFY FIRE AREA CONFIGURATION

CODE COMPLIANCE SYMBOL LEGEND

AREA TAGS
 OCCUPANCY: 150 SF (100)
 OCCUPANCY CLASSIFICATION
 NUMBER OF PEOPLE PER BUILDING CODE
 AREA IN SQUARE FEET

DOOR TAGS
 DOOR SIZE: 36" x 240"
 CALC. EGRESS CAPACITY: 121
 ACTUAL EGRESS CAPACITY

FIRE RATED PARTITIONS
 1 HOUR FIRE RATING (CORRIDORS)
 3 HOUR FIRE RATING (FIRE AREA SEPARATION)

EGRESS DISTANCE PATH
 TRAVEL DISTANCE = X

FIRE EXTINGUISHERS
 EXISTING FIRE EXTINGUISHERS: FE
 NEW FIRE EXTINGUISHERS: FE

EXIT SIGNS
 ILLUMINATED EXIT SIGNS (WALL OR CEILING PER PLANS) ⊗

WATER FOUNTAINS
 EXISTING WATER FOUNTAIN: WF

OCCUPANCIES
 BUSINESS (B)

HATCH LEGEND
 AREA OF WORK: 1,890 SF (AREA OF WORK) / 22,200 SF (TOTAL BUILDING AREA) = 9% OF BUILDING AREA
 NEW WALLS. REF A-101 FOR TYPE DESIGNATION
 EXISTING WALLS TO REMAIN.

BUILDING CODE
 BUILDING: BUILDING CODE OF NEW YORK STATE 2020
 LOCAL AMENDMENTS:
 FIRE CODE: FIRE CODE OF NEW YORK STATE 2020
 ACCESSIBILITY: ICC/ANSI A117.1-2017 AND BUILDING CODE OF NEW YORK STATE
 ENERGY: ENERGY CONSERVATION CODE OF NEW YORK STATE 2020

NEW CONSTRUCTION
 CHANGE OF OCCUPANCY
 EXISTING STRUCTURE
 ADDITION
 ALTERATION
 REPAIR
 UPLIFT

BUILDING DATA
 CONSTRUCTION TYPE: I-A I-B II-A II-B III-A III-B
 MIXED CONSTRUCTION: YES NO
 FIRE DISTRICT: YES NO
 BUILDING HEIGHT: 16 FEET, 1 NUMBER OF STORIES, UNLIMITED PER
 MEZZANINE: YES NO
 HIGH RISE: YES NO CENTRAL REFERENCE SHEET # IF PROVIDED

LIFE SAFETY SYSTEM REQUIREMENTS

SPRINKLER SYSTEMS: YES NO NFPA 13 NFPA 13R
 STANDPIPE SYSTEMS: YES NO CLASS: I II III WET DRY
 EXTINGUISHING SYSTEMS: YES NO
 FIRE EXTINGUISHERS: YES NO
 FIRE ALARM SYSTEMS: YES NO
 SMOKE DETECTION: YES NO
 HI-RISE FIRE SAFETY: YES NO
 VISIBLE ALARMS: YES NO
 SMOKE CONTROL: YES NO

SMOKE VENTS: YES NO
 KITCHEN HOOD EXT.: YES NO
 SUPERVISORY SERVICE: YES NO
 EXIT SIGNS: YES NO
 EMERGENCY LIGHTS: YES NO
 EMERGENCY POWER: YES NO
 PANIC HARDWARE: YES NO

PLUMBING FIXTURE REQUIREMENTS
 NO OCCUPANT LOAD CHANGES

BUILDING USES

BUILDING IDENTIFICATION	AREA CLASSIFICATION	BUILDING AREA	AREA/OCCUPANT TABLE 1004.1.2	OCCUPANT LOAD
BUILDING BB	BUSINESS (B)	22,200 SF (UNCHANGED)	100 GROSS	222
BUILDING DD	BUSINESS (B)	4,054 SF (UNCHANGED)	100 GROSS	41

BUILDING BB - TOTAL CAPACITY 222
 BUILDING DD - TOTAL CAPACITY 41

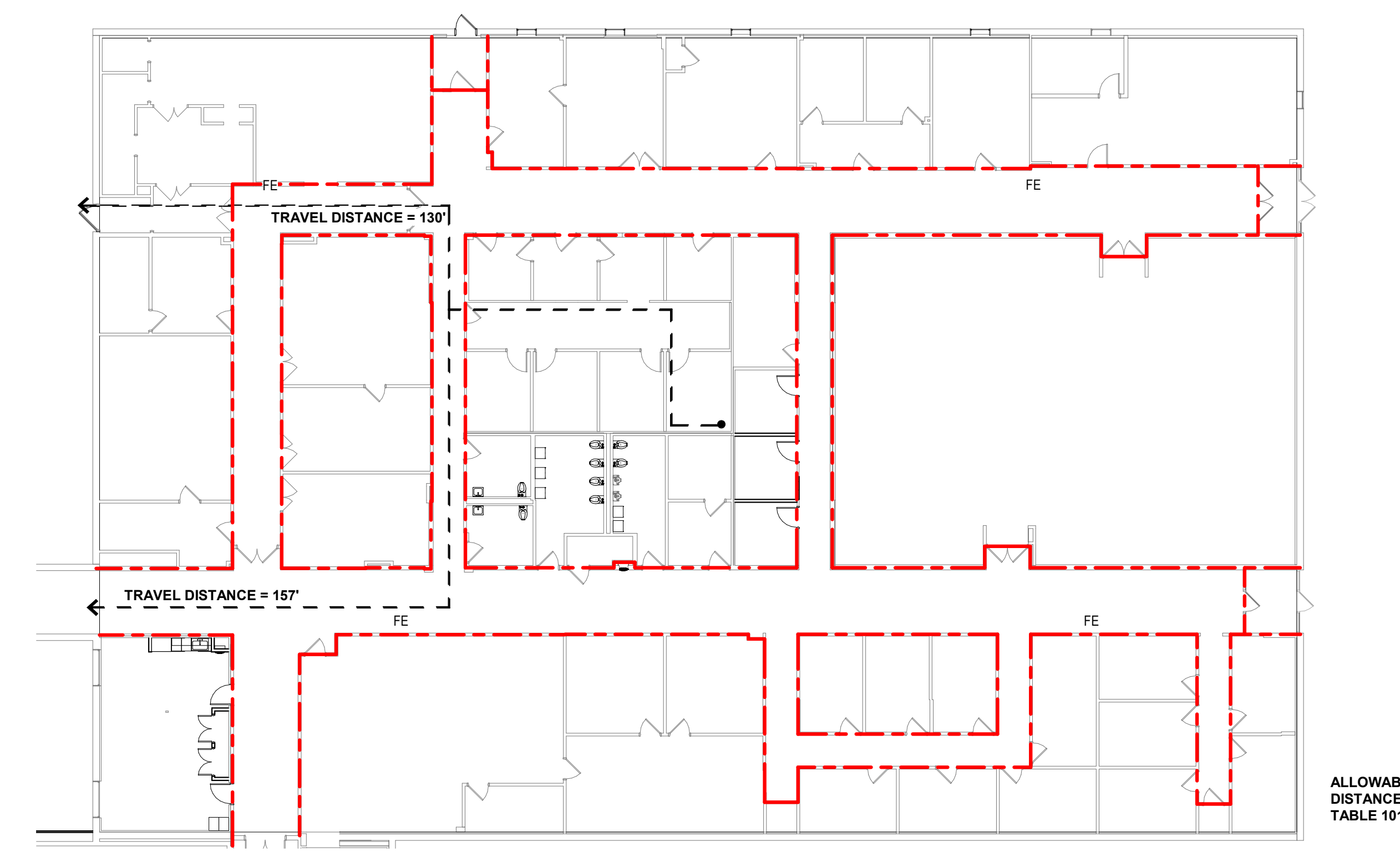
FIRE AREA SCHEDULE

FIRE AREA	MOST RESTRICTIVE OCCUPANCY	AREA (PROVIDED)	AREA (ALLOWED PER 903.2.9)	SEPARATION REQ'D PER 707.3.10
BUILDING BB - NO FIRE AREAS REQ'D				
BUILDING DD - NO FIRE AREAS REQ'D				

EXIT WIDTH

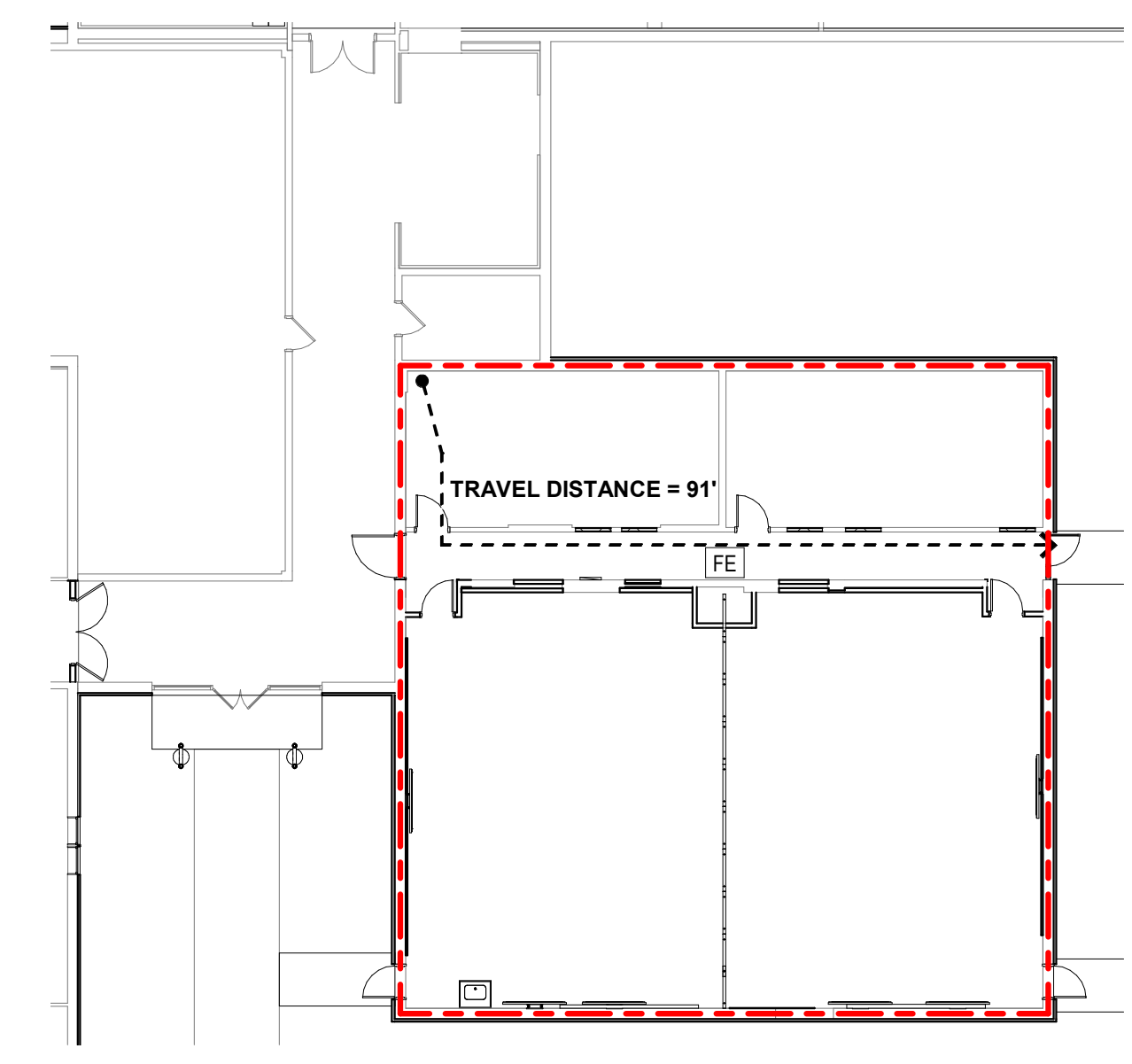
BUILDING IDENTIFICATION	AREA CLASSIFICATION	BUILDING AREA	EGRESS WIDTH PER OCCUPANT	REQUIRED WIDTH	ACTUAL WIDTH
BUILDING BB	BUSINESS (B)	22,200 SF	222 X 2	44.4"	252"
BUILDING DD	BUSINESS (B)	4,054 SF	41 X 2	(36")	156"

2
 G003
 1/16" = 1'-0"
CODE COMPLIANCE PLAN - BB - OCCUPANCY

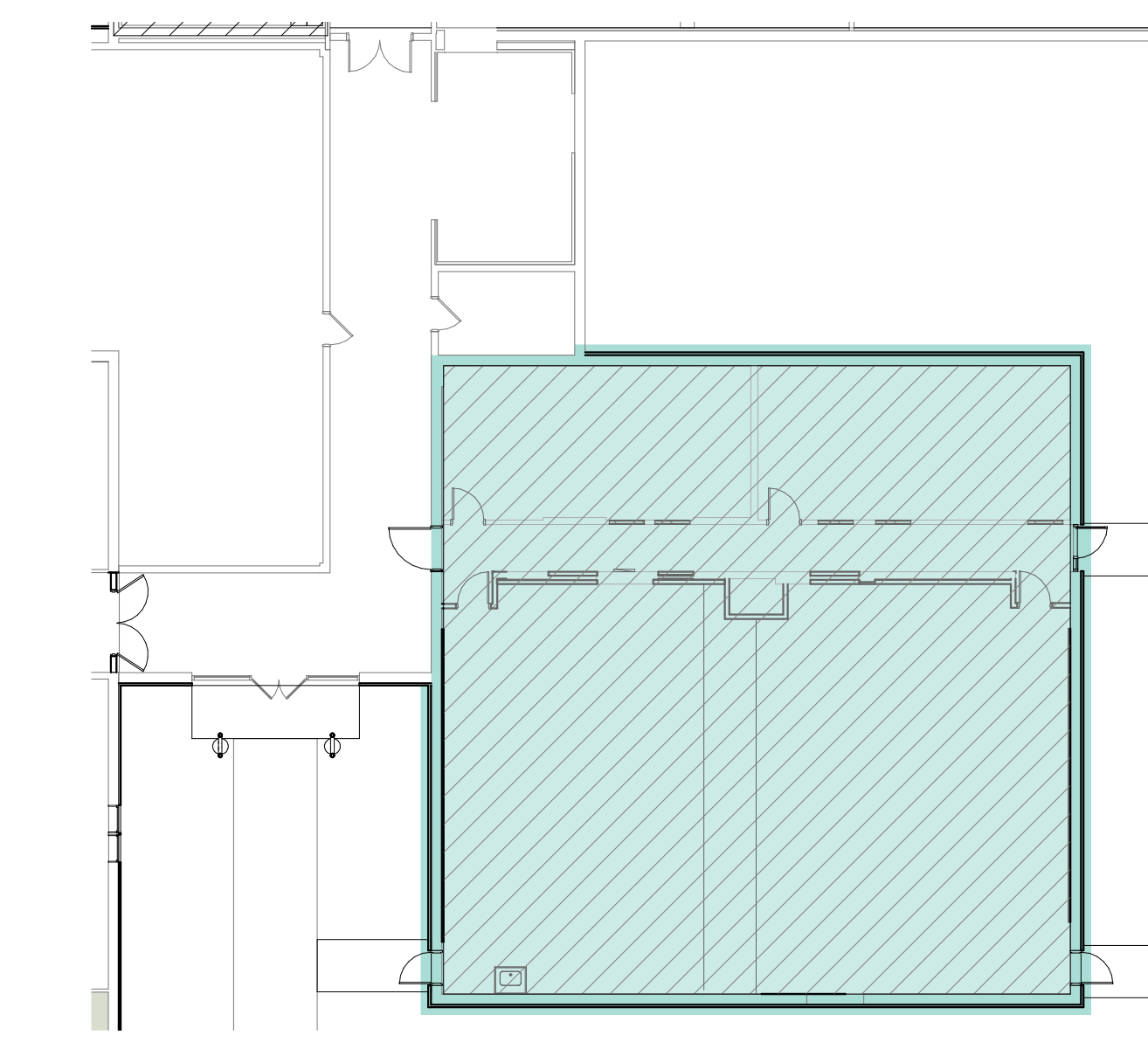


ALLOWABLE TRAVEL DISTANCE PER TABLE 1017.2 = 200'

1
 G003
 1/16" = 1'-0"
CODE COMPLIANCE PLAN - BB - EGRESS



3
 G003
 1/16" = 1'-0"
CODE COMPLIANCE PLAN - DD - EGRESS



4
 G003
 1/16" = 1'-0"
CODE COMPLIANCE PLAN - DD - OCCUPANCY

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FoitAlbert ASSOCIATES
 Architecture, Engineering, Surveying, Environmental.
 295 Main Street, Suite 200
 Buffalo, NY 14203
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REGISTERED ARCHITECT
 SPAWN M. CAHILL
 No. 4485
 STATE OF NEW YORK

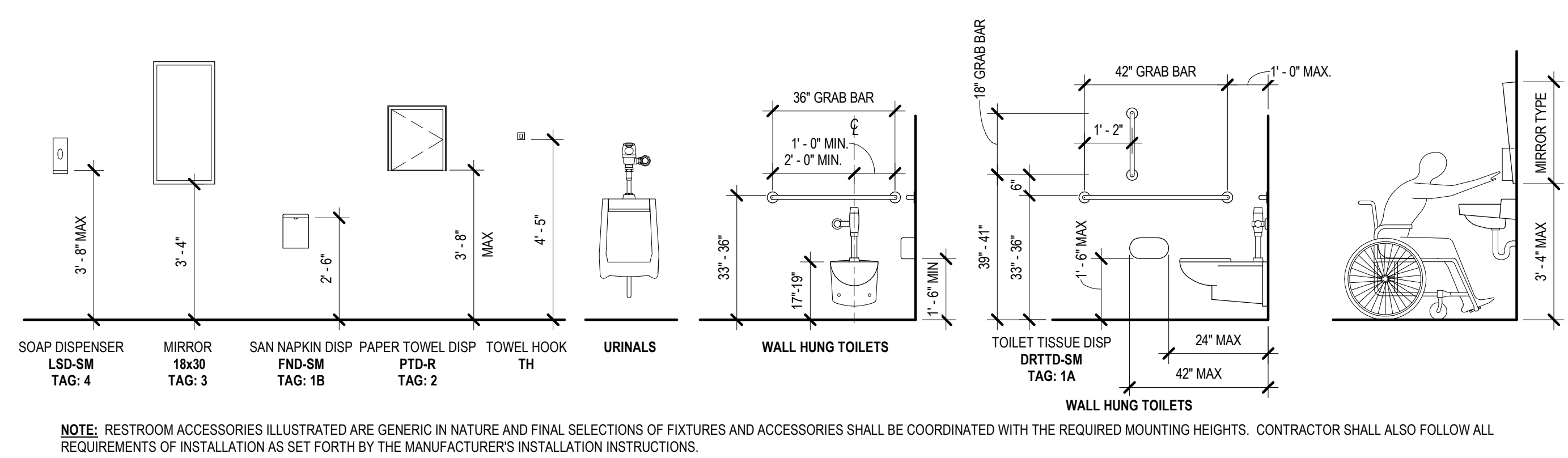
Revision Number: _____ Revision Date: _____

Scale: AS NOTED

Date: 01/24/2023 Project Manager: SC
 Drawn By: MC Checked By: SC
 Project: 2021-885-02

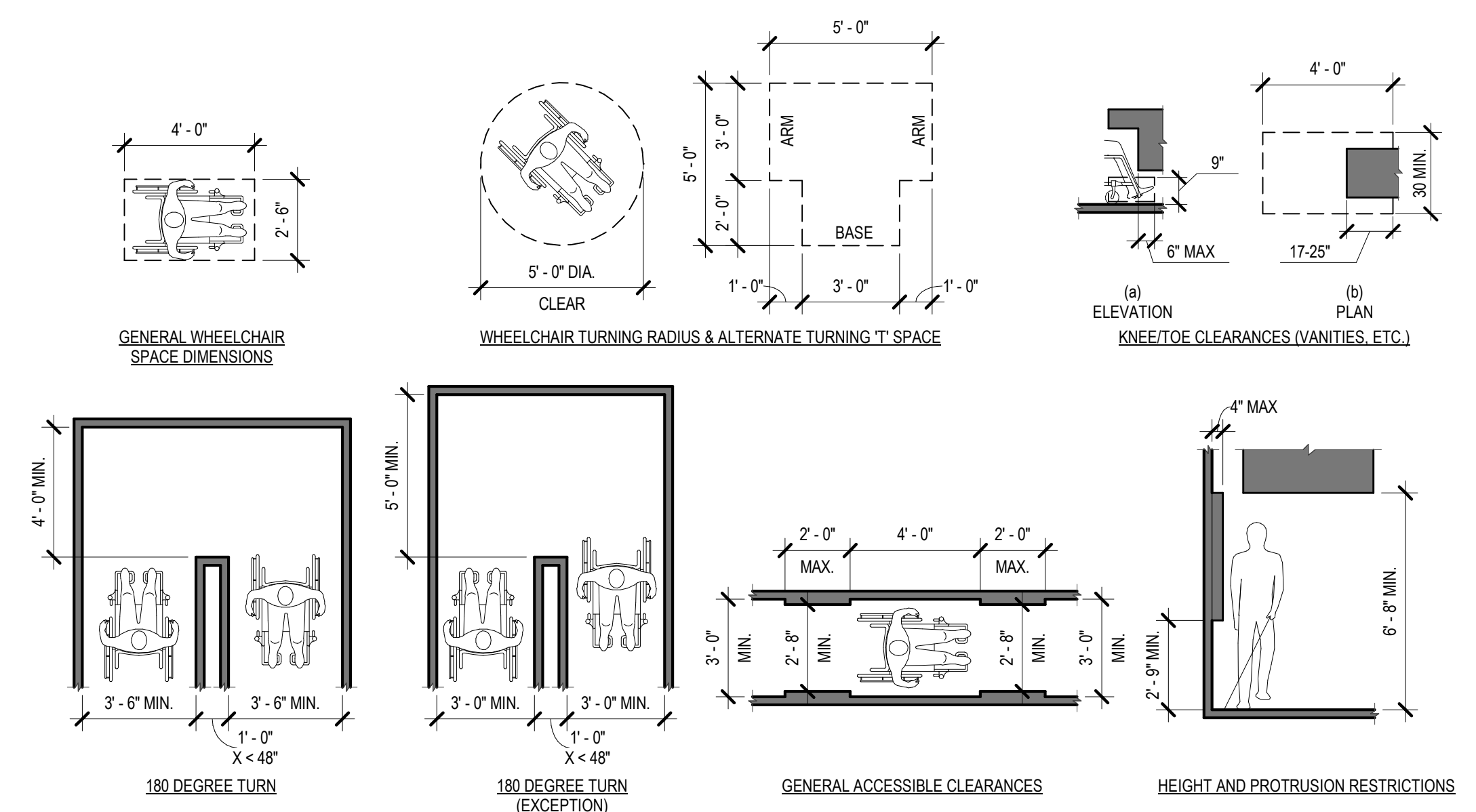
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LIFE SAFETY PLAN - BB & DD BUILDING
ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS-
PHASE 3



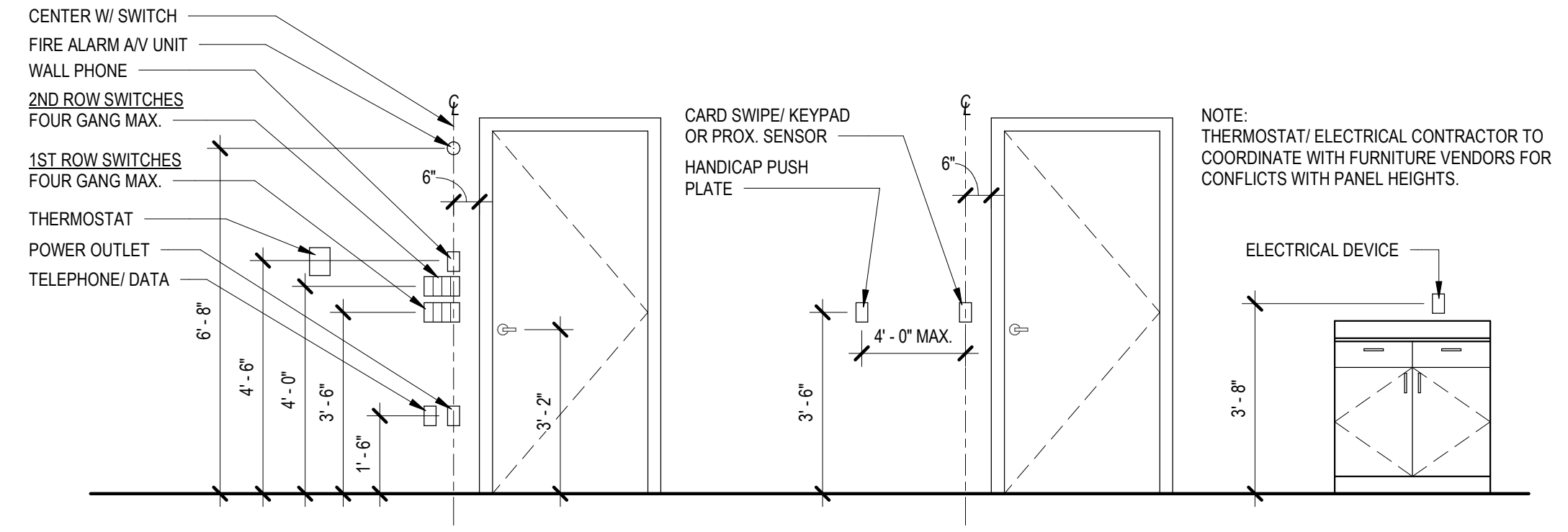
CODE COMPLIANCE - RESTROOM MOUNTING HEIGHTS & DIMENSIONS

2 G004 3/8" = 1'-0"



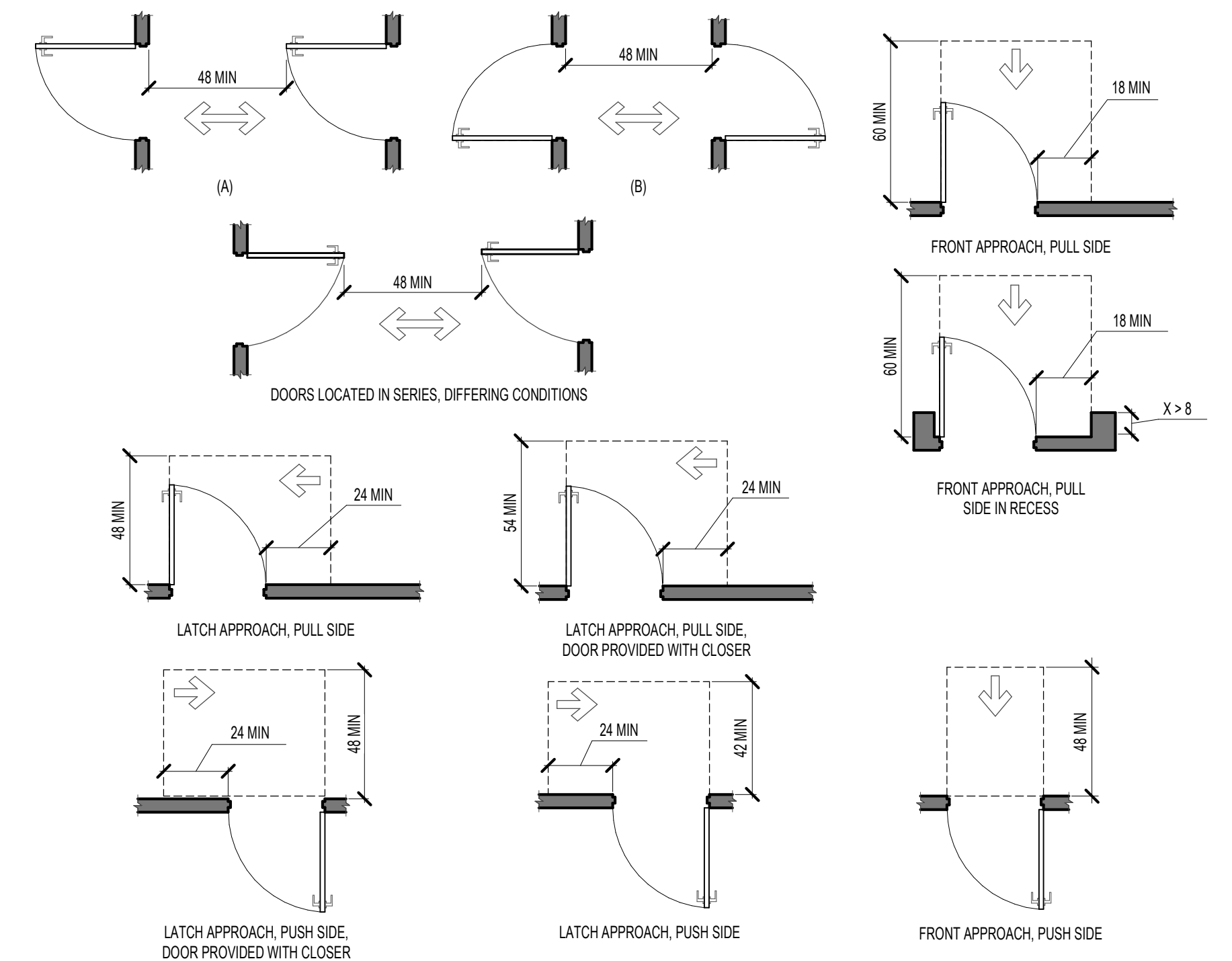
CODE COMPLIANCE - ACCESSIBLE ROUTES & CLEARANCES

4 G004 1/4" = 1'-0"



CODE COMPLIANCE - ADA ELECTRICAL HEIGHTS & DIMENSIONS

1 G004 3/8" = 1'-0"



CODE COMPLIANCE - ACCESSIBLE DOORS

3 G004 1/4" = 1'-0"

Siracuse Engineers PC
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A Lifo Group Company
Buffalo, NY Phone: 716-870-4124
Phone: 716-332-3134

REGISTRED ARCHITECT
SHAWN M. COMBES
NEW YORK STATE
No. 02448251

Revision Number Revision Date

Scale: AS NOTED

Date: 01/24/2023 Project Manager: SC

Drawn By: MM Checked By: SC

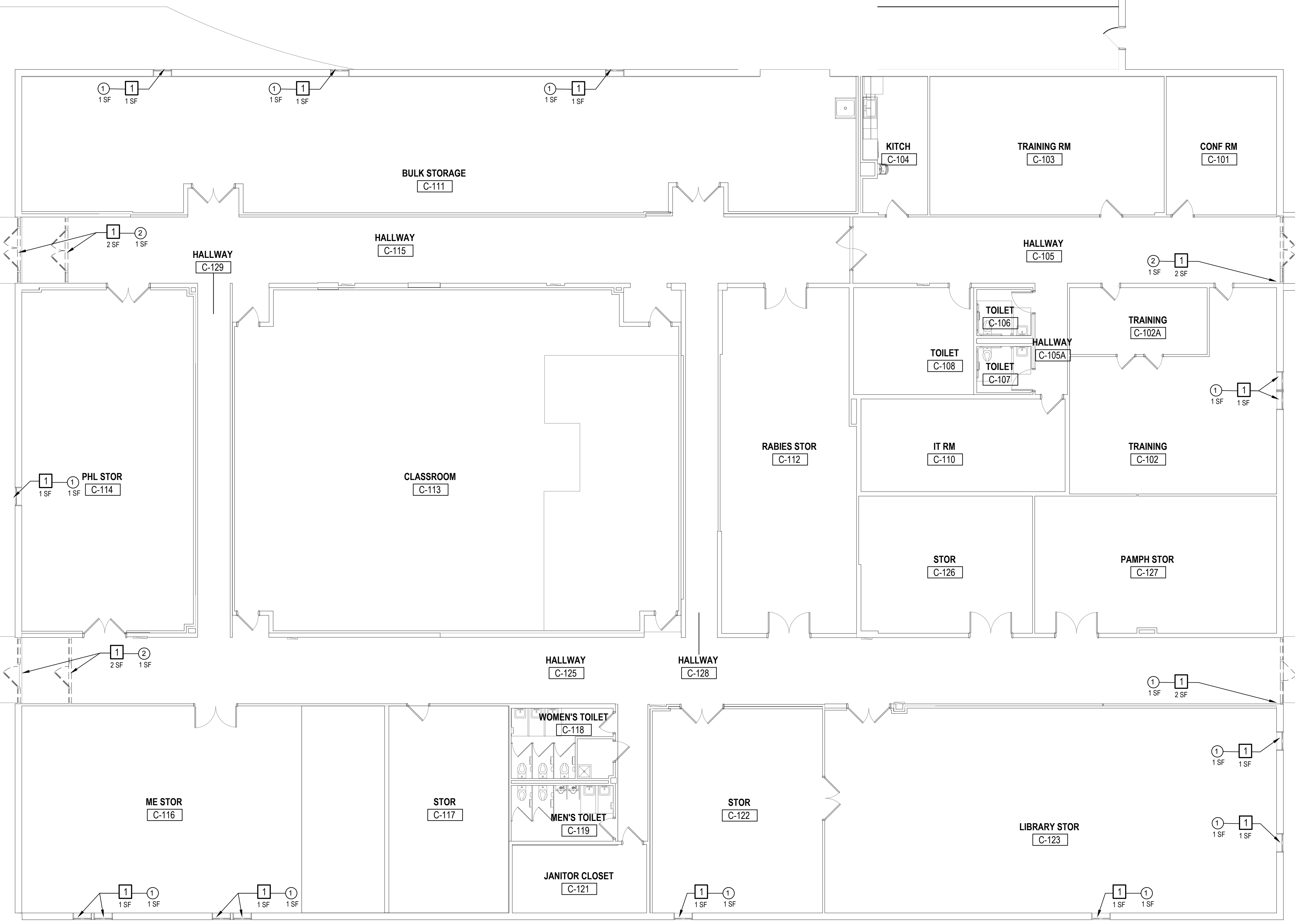
Project: 2021-885-02

Sheet: G004

ACCESSIBILITY DIAGRAMS

ERIE COUNTY HEALTH LAB

BLDG 17 BB CC RENOVATIONS- PHASE 3



GENERAL DRAWING NOTES:

- PERFORM ALL WORK, INCLUDING AREA CONTAINMENT MEASURES AND REMOVAL, IN STRICT ACCORDANCE WITH: THE PROJECT SPECIFICATION, ALL FEDERAL, STATE AND LOCAL REGULATIONS, AND ANY APPROPRIATE APPLICABLE VARIANCES AND SITE-SPECIFIC VARIANCES. APPLICABLE REGULATIONS INCLUDE, BUT ARE NOT LIMITED TO: OSHA 29 CFR 1926 SUBPART Z, 40 CFR PART 763 (AHERA), 40 CFR PART 61 SUBPART M (NESHAP STANDARD FOR DEMOLITION AND RENOVATION), AND NEW YORK STATE INDUSTRIAL CODE RULE 56.
- THE DISTURBANCE OF ANY ASBESTOS-CONTAINING MATERIAL, OR SUSPECT MATERIAL, SHALL BE PERFORMED BY A LICENSED ASBESTOS ABATEMENT CONTRACTOR.
- AREAS UNDER ABATEMENT SHALL BE PROPERLY POSTED WITH WARNING SIGNS AND SECURED TO PREVENT UNAUTHORIZED ENTRIES.
- KEEP THE WORK AREA IN A CLEAN AND SAFE CONDITION. PROVIDE TEMPORARY PROTECTION, PROTECT BUILDING MATERIALS SCHEDULED TO REMAIN, AND PREVENT UNAUTHORIZED ACCESS DURING THE DURATION OF THE PROJECT. CLEAN UP ALL CONTAINMENT WORK AREAS, SPECIFICALLY TAPE/ADHESIVES RESIDUE FROM ALL SURFACES. REPAIR DAMAGE CAUSED AS A RESULT OF INADEQUATE TEMPORARY PROTECTION OR PREPARATION AND ABATEMENT ACTIVITIES, INCLUDING DAMAGE TO FINISHES RESULTING FROM CONTAINMENT MEASURES.
- REFER TO THE ENTIRE SET OF CONTRACT DOCUMENTS FOR COORDINATION OF SCOPE.
- THE LOCATION OF ANY ON-SITE STORAGE OF MATERIALS, EQUIPMENT DUMPSTER/WASTE TRAILER AND DECONTAMINATION FACILITIES SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER'S REPRESENTATIVE.
- PROVIDE ALL TOOLS, EQUIPMENT, AND SUPPLIES. THE OWNER'S REPRESENTATIVE WILL NOT BE LIABLE FOR THEFT OR DAMAGE.
- ALL ABATEMENT AND/OR REMOVAL OF ASBESTOS CONTAINING MATERIALS MUST PASS VISUAL INSPECTION AND CLEARANCE PROCEDURES PER 12NYCRR56 BEFORE GENERAL CONSTRUCTION WORK MAY COMMENCE.
- A SITE SPECIFIC VARIANCE FOR THIS PROJECT HAS NOT BEEN APPLIED FOR. ANY VARIANCE APPLICATION PREPARED BY THE CONTRACTOR OR ITS AGENT MUST BE SUBMITTED TO THE OWNER FOR APPROVAL PRIOR TO SUBMISSION TO THE STATE OF NEW YORK DEPARTMENT OF LABOR ENGINEERING SERVICES FOR PROCESSING. THE OWNER SHALL BEAR NO ADDITIONAL COST AS A RESULT OF THE APPROVAL OF, THE DENIAL OF, AND/OR CONDITIONS SET FORTH WITHIN THE SITE SPECIFIC VARIANCE.
- THE PROJECT MANUAL INCLUDES EXISTING HAZARDOUS MATERIAL INFORMATION FOR REFERENCE. MAINTAIN A COPY OF THE REPORT ON-SITE FOR THE DURATION OF THE PROJECT. QUANTITIES REPORTED WITHIN THE REPORT ARE APPROXIMATED. ASBESTOS CONTAINING MATERIALS IDENTIFIED IN THE REPORT ARE TO BE ABATED PRIOR TO ANY CONSTRUCTION THAT COULD DISTURB THESE MATERIALS.
- IF ADDITIONAL ASBESTOS AND/OR SUSPECT MATERIAL, NOT PREVIOUSLY IDENTIFIED ARE DISCOVERED AND/OR DISTURBED DURING CONSTRUCTION, ALL OPERATIONS SHALL CEASE AND THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY FOR FURTHER DIRECTION. DO NOT COLLECT AND/OR ANALYZE BULK SAMPLES OF SUSPECT MATERIALS WITHOUT THE APPROVAL OF THE OWNER'S REPRESENTATIVE.
- COORDINATE THE DE-ENERGIZING OF ALL DEVICES, EQUIPMENT, AND FIXTURES TO BE REMOVED OR WHICH REMAIN WITHIN CONTAINMENT, PRIOR TO THE COMMENCEMENT OF ABATEMENT ACTIVITIES.
- PROVIDE ALL REMOVALS REQUIRED TO ACCESS AND ABATE MATERIALS SCHEDULED FOR REMOVAL.
- ALL ASBESTOS-CONTAINING MATERIAL SHALL BE PROPERLY PACKAGED PRIOR TO BEING REMOVED FROM THE WORK AREA(S). ASBESTOS WARNING LABELS SHALL BE APPLIED TO THE ASBESTOS WASTE BAGS.
- NON-POROUS CLEANABLE MATERIALS SCHEDULED FOR REMOVAL, SALVAGE, AND/OR DISPOSAL THAT ARE REMOVED DURING ABATEMENT ACTIVITIES (SUCH AS DOOR FRAMING, PARTITIONS, ACCESS PANELS, FIXTURES, ETC.) SHALL BE PROPERLY CLEANED, RECYCLED, OR DISPOSED OF AS C&D DEBRIS, AS APPROPRIATE.

GENERAL ASBESTOS NOTES:

- NOT ALL REMOVAL NOTES ARE UTILIZED ON EVERY SHEET.
- REFERENCE SPECIFICATION 028214.

KEYED ASBESTOS REMOVAL NOTES:

- REMOVE AND PROPERLY DISPOSE WINDOW ASSEMBLY IN ITS ENTIRETY INCLUDING ASBESTOS-CONTAINING WINDOW GLAZING AND CAULK FROM ROUGH MASONRY OPENING. REMOVAL IS CONSIDERED OSHA CLASS II WORK. ALL WASTE SHALL BE CONSIDERED EPA CATEGORY II NON-FRIABLE.
- REMOVE AND PROPERLY DISPOSE OF ASSUMED ASBESTOS-CONTAINING 12" x 12" FLOOR TILE AND ASSOCIATED MASTIC DOWN TO BARE SUBSTRATE. REMOVAL IS CONSIDERED OSHA CLASS II WORK. ALL WASTE SHALL BE CONSIDERED EPA CATEGORY I NON-FRIABLE.
- REMOVE AND PROPERLY DISPOSE OF ASSUMED ASBESTOS-CONTAINING COVEBASE AND MASTIC FROM SUBSTRATE. REMOVALS IS CONSIDERED OSHA CLASS II WORK. ALL WASTE SHALL BE CONSIDERED EPA CATEGORY II NON-FRIABLE.
- REMOVE AND PROPERLY DISPOSE OF ASBESTOS-CONTAINING 9" x 9" FLOOR TILE. ASSOCIATED MASTIC IS CONFIRMED NON-ACM. REMOVAL IS CONSIDERED OSHA CLASS II. ALL WASTE SHALL BE CONSIDERED EPA CATEGORY I NON-FRIABLE.
- REMOVE AND PROPERLY DISPOSE OF ASBESTOS-CONTAINING VENT TAR DOWN TO BARE SUBSTRATE. REMOVAL IS CONSIDERED OSHA CLASS II WORK. ALL WASTE SHALL BE CONSIDERED EPA CATEGORY I NON-FRIABLE.
- REMOVE AND PROPERLY DISPOSE OF ASBESTOS-CONTAINING CONDUIT PUTTY WRAP IN ITS ENTIRETY FROM WITHIN THE AIR HANDLER UNIT. REMOVAL IS CONSIDERED OSHA CLASS II WORK. ALL WASTE SHALL BE CONSIDERED EPA CATEGORY II NON-FRIABLE.

GENERAL PCB NOTES:

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- REFERENCE SPECIFICATION 028433.

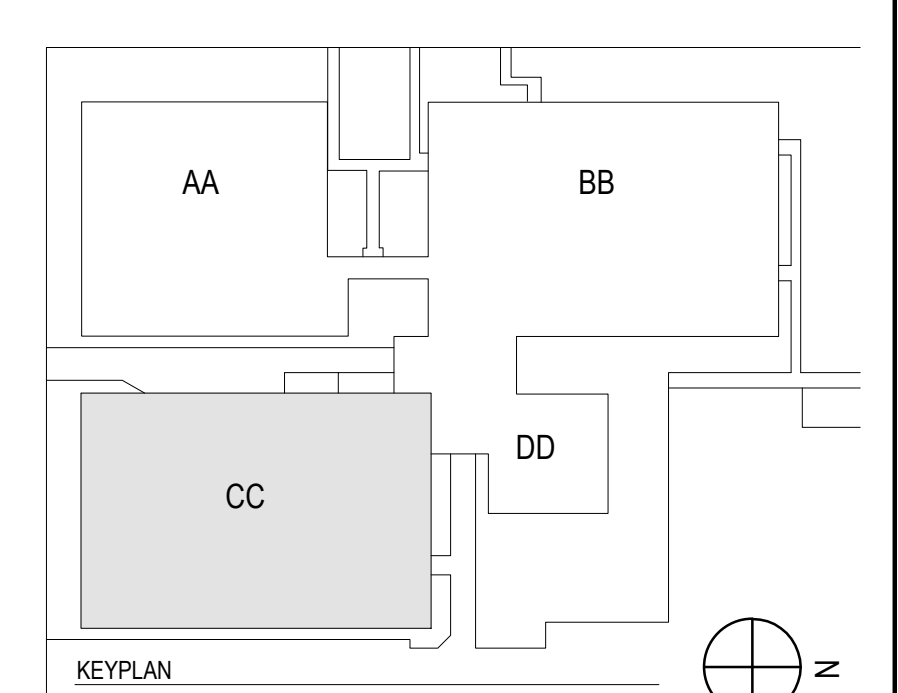
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- GENERAL NOTE TO ALL TRADES - VARIOUS BUILDING MATERIALS HAVE BEEN IDENTIFIED AS BEING LEAD CONTAINING. A LISTING OF LEAD PAINTED BUILDING COMPONENTS CAN BE FOUND IN THE PROJECT DESIGN MANUAL AS PART OF THE PRE-RENOVATION INSPECTION REPORT.
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- THE FOLLOWING TYPICAL COMPONENTS TESTED POSITIVE FOR LEAD-BASED PAINT OR AS CONTAINING LEAD. REFER TO THE REPORT FOR A COMPLETE LISTING:

- BB BUILDING**
- GREY METAL CEILING
 - GREY METAL DOOR CASING
 - GREY METAL RAFTER
 - ORANGE METAL I-BEAM
- CC BUILDING**
- BEIGE METAL DOORFRAME
 - BEIGE METAL WINDOW
 - BLACK METAL WINDOW/DOOR
 - GRAY METAL DOOR FRAME
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 - GREEN METAL PIPE/HANGER
- DD BUILDING**
- BEIGE METAL DOOR
 - TAN METAL DOOR



1 HM100 1/8" = 1'-0"
LEVEL 1 FLOOR PLAN - CC

Siracuse Engineers PC
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 Environmental & Remediation Consultants
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 Buffalo, NY 14203
 P. (716) 856-3933
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FIRST FLOOR PLAN - CC BUILDING

ERIE COUNTY HEALTH LAB

BLDG 17 BB CC RENOVATIONS- PHASE 3

Scale: AS NOTED

Date: 01/24/2023 Project Manager: SC
 Drawn By: SPF Checked By: R.J.H.
 Project: 2021-885-02

Sheet: **HM100**

FILE NAME: C:\Users\mcbam\Documents\19088-00-Erie County Health Lab - Phase 3-A-V21 - McCabam\285.rvt
 PLOT DATE: 11/8/2022 2:31:03 PM
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GENERAL DRAWING NOTES:

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- THE DISTURBANCE OF ANY ASBESTOS-CONTAINING MATERIAL, OR SUSPECT MATERIAL, SHALL BE PERFORMED BY A LICENSED ASBESTOS ABATEMENT CONTRACTOR.
- AREAS UNDER ABATEMENT SHALL BE PROPERLY POSTED WITH WARNING SIGNS AND SECURED TO PREVENT UNAUTHORIZED ENTRIES.
- KEEP THE WORK AREA IN A CLEAN AND SAFE CONDITION. PROVIDE TEMPORARY PROTECTION, PROTECT BUILDING MATERIALS SCHEDULED TO REMAIN, AND PREVENT UNAUTHORIZED ACCESS DURING THE DURATION OF THE PROJECT. CLEAN UP ALL CONTAINMENT WORK AREAS, SPECIFICALLY TAPE/ADHESIVES RESIDUE FROM ALL SURFACES. REPAIR DAMAGE CAUSED AS A RESULT OF INADEQUATE TEMPORARY PROTECTION OR PREPARATION AND ABATEMENT ACTIVITIES, INCLUDING DAMAGE TO FINISHES RESULTING FROM CONTAINMENT MEASURES.
- REFER TO THE ENTIRE SET OF CONTRACT DOCUMENTS FOR COORDINATION OF SCOPE.
- THE LOCATION OF ANY ON-SITE STORAGE OF MATERIALS, EQUIPMENT DUMPSTER/WASTE TRAILER AND DECONTAMINATION FACILITIES SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER'S REPRESENTATIVE.
- PROVIDE ALL TOOLS, EQUIPMENT, AND SUPPLIES. THE OWNER'S REPRESENTATIVE WILL NOT BE LIABLE FOR THEFT OR DAMAGE.
- ALL ABATEMENT AND/OR REMOVAL OF ASBESTOS CONTAINING MATERIALS MUST PASS VISUAL INSPECTION AND CLEARANCE PROCEDURES PER 12NYCRR56 BEFORE GENERAL CONSTRUCTION WORK MAY COMMENCE. A SITE SPECIFIC VARIANCE FOR THIS PROJECT HAS NOT BEEN APPLIED FOR. ANY VARIANCE APPLICATION PREPARED BY THE CONTRACTOR OR ITS AGENT MUST BE SUBMITTED TO THE OWNER FOR APPROVAL PRIOR TO SUBMISSION TO THE STATE OF NEW YORK DEPARTMENT OF LABOR ENGINEERING SERVICES FOR REVIEW. THE OWNER SHALL BEAR NO ADDITIONAL COST AS A RESULT OF THE APPROVAL OF, THE DENIAL OF, AND/OR CONDITIONS SET FORTH WITHIN THE SITE SPECIFIC VARIANCE.
- THE PROJECT MANUAL INCLUDES EXISTING HAZARDOUS MATERIAL INFORMATION FOR REFERENCE. WITHIN THE REPORT ARE APPROXIMATED. ASBESTOS CONTAINING MATERIALS IDENTIFIED IN THE REPORT ARE TO BE ABATED PRIOR TO ANY CONSTRUCTION THAT COULD DISTURB THESE MATERIALS.
- IF ADDITIONAL ASBESTOS AND/OR SUSPECT MATERIAL, NOT PREVIOUSLY IDENTIFIED ARE DISCOVERED AND/OR DISTURBED DURING CONSTRUCTION, ALL OPERATIONS SHALL CEASE AND THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY FOR FURTHER DIRECTION. DO NOT COLLECT AND/OR ANALYZE BULK SAMPLES OF SUSPECT MATERIALS WITHOUT THE APPROVAL OF THE OWNER'S REPRESENTATIVE.
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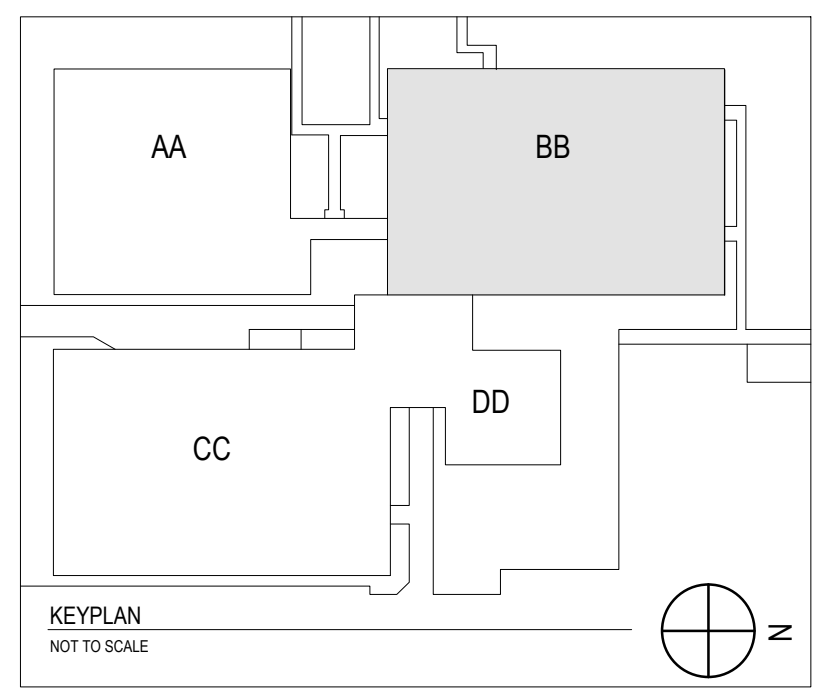
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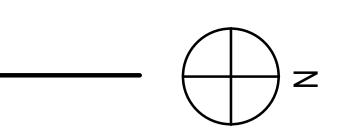
LEAD AWARENESS NOTE:

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- THE FOLLOWING TYPICAL COMPONENTS TESTED POSITIVE FOR LEAD-BASED PAINT OR AS CONTAINING LEAD. REFER TO THE REPORT FOR A COMPLETE LISTING:

- | | |
|---------------------------|------------------------------|
| BB BUILDING | CC BUILDING |
| 1. GREY METAL CEILING | 1. BEIGE METAL DOORFRAME |
| 2. GREY METAL DOOR CASING | 2. BEIGE METAL WINDOW |
| 3. GREY METAL RAFTER | 3. BLACK METAL WINDOW/DOOR |
| 4. ORANGE METAL I-BEAM | 4. GRAY METAL DOOR FRAME |
| | 5. GREEN METAL DOORFRAME |
| DD BUILDING | 6. GREEN METAL HVAC DUCTWORK |
| 1. BEIGE METAL DOOR | 7. GREEN METAL PIPE/HANGER |
| 2. TAN METAL DOOR | |



LEVEL 1 FLOOR PLAN - BB
 1/8" = 1'-0"



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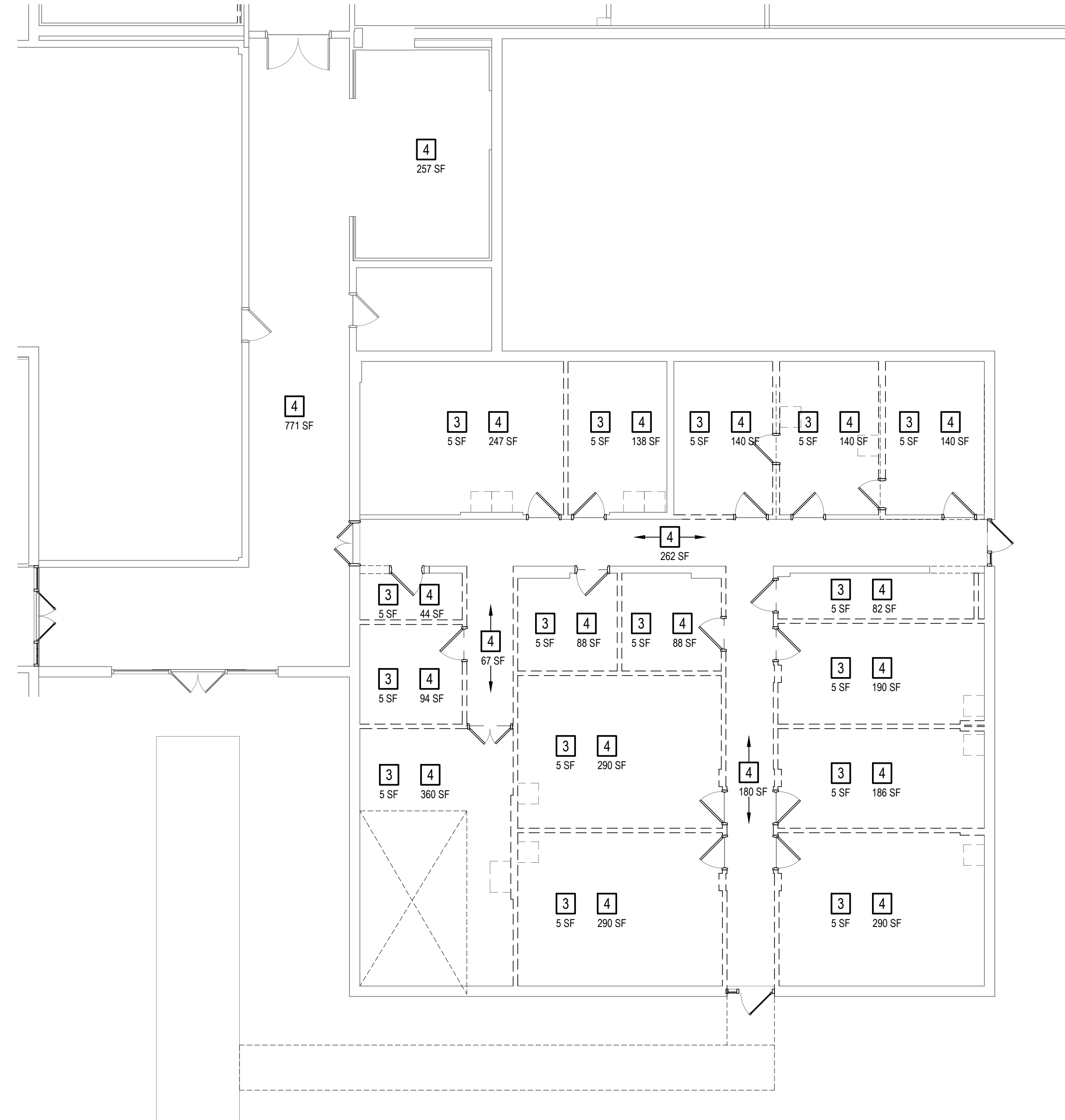
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 295 Main Street, Suite 200
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 P. (716) 856-3933
 www.foit-albert.com

FIRST FLOOR PLAN -BB BUILDING
ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS-
PHASE 3

State of New York
 GEORGE H. W. RAY
 079435
 LICENSED PROFESSIONAL ENGINEER

Revision Number	Revision Date

Scale: AS NOTED
 Date: 01/24/2023 Project Manager: SC
 Drawn By: SPF Checked By: R.J.H.
 Project: 2021-885-02
 Sheet: **HM101**



GENERAL DRAWING NOTES:

- A. PERFORM ALL WORK, INCLUDING AREA CONTAINMENT MEASURES AND REMOVAL, IN STRICT ACCORDANCE WITH THE PROJECT SPECIFICATION, ALL FEDERAL, STATE AND LOCAL REGULATIONS, AND ANY APPROPRIATE APPLICABLE VARIANCES AND SITE-SPECIFIC VARIANCES. APPLICABLE REGULATIONS INCLUDE, BUT ARE NOT LIMITED TO: OSHA 29 CFR 1926 SUBPART Z, 40 CFR PART 763 (ASHERA), 40 CFR PART 61 SUBPART M (NESHAP STANDARD FOR DEMOLITION AND RENOVATION), AND NEW YORK STATE INDUSTRIAL CODE RULE 56.
- B. THE DISTURBANCE OF ANY ASBESTOS-CONTAINING MATERIAL, OR SUSPECT MATERIAL, SHALL BE PERFORMED BY A LICENSED ASBESTOS ABATEMENT CONTRACTOR.
- C. AREAS UNDER ABATEMENT SHALL BE PROPERLY POSTED WITH WARNING SIGNS AND SECURED TO PREVENT UNAUTHORIZED ENTRIES.
- D. KEEP THE WORK AREA IN A CLEAN AND SAFE CONDITION. PROVIDE TEMPORARY PROTECTION, PROTECT BUILDING MATERIALS SCHEDULED TO REMAIN, AND PREVENT UNAUTHORIZED ACCESS DURING THE DURATION OF THE PROJECT. CLEAN UP ALL CONTAINMENT WORK AREAS, SPECIFICALLY TAPE/ADHESIVES RESIDUE FROM ALL SURFACES. REPAIR DAMAGE CAUSED AS A RESULT OF INADEQUATE TEMPORARY PROTECTION OR PREPARATION AND ABATEMENT ACTIVITIES, INCLUDING DAMAGE TO FINISHES RESULTING FROM CONTAINMENT MEASURES.
- E. REFER TO THE ENTIRE SET OF CONTRACT DOCUMENTS FOR COORDINATION OF SCOPE.
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- H. ALL ABATEMENT AND/OR REMOVAL OF ASBESTOS CONTAINING MATERIALS MUST PASS VISUAL INSPECTION AND CLEARANCE PROCEDURES PER 12NYCRR56 BEFORE GENERAL CONSTRUCTION WORK MAY COMMENCE.
- I. A SITE SPECIFIC VARIANCE FOR THIS PROJECT HAS NOT BEEN APPLIED FOR. ANY VARIANCE APPLICATION PREPARED BY THE CONTRACTOR OR ITS AGENT MUST BE SUBMITTED TO THE OWNER FOR APPROVAL PRIOR TO SUBMISSION TO THE STATE OF NEW YORK DEPARTMENT OF LABOR ENGINEERING SERVICES FOR PROCESSING. THE OWNER SHALL BEAR NO ADDITIONAL COST AS A RESULT OF THE APPROVAL OF, THE DENIAL OF, AND/OR CONDITIONS SET FORTH WITHIN THE SITE SPECIFIC VARIANCE.
- J. THE PROJECT MANUAL INCLUDES EXISTING HAZARDOUS MATERIAL INFORMATION FOR REFERENCE. MAINTAIN A COPY OF THE REPORT ON-SITE FOR THE DURATION OF THE PROJECT. QUANTITIES REPORTED WITHIN THE REPORT ARE APPROXIMATED. ASBESTOS CONTAINING MATERIALS IDENTIFIED IN THE REPORT ARE TO BE ABATED PRIOR TO ANY CONSTRUCTION THAT COULD DISTURB THESE MATERIALS.
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BB BUILDING

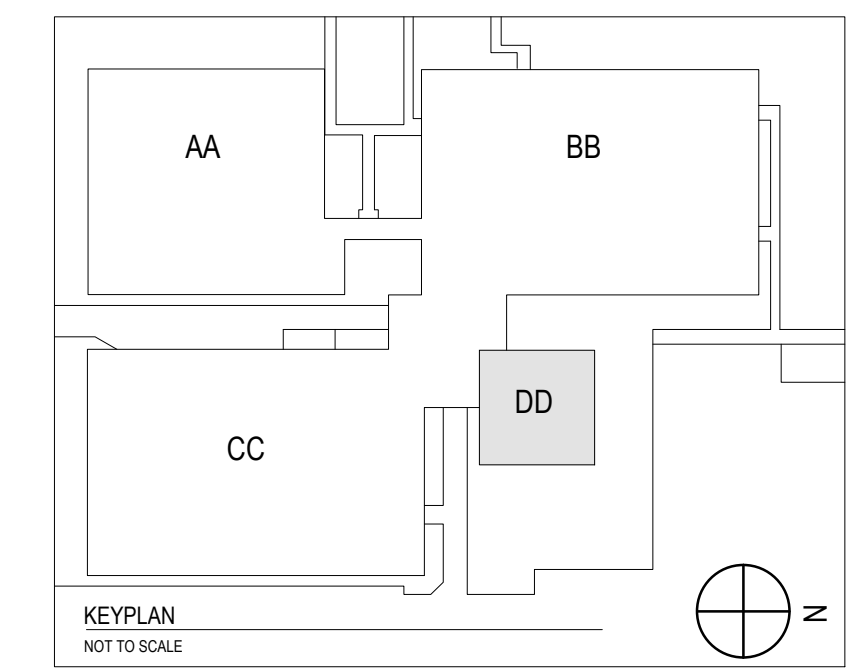
1. GREY METAL CEILING
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4. ORANGE METAL I-BEAM

CC BUILDING

1. BEIGE METAL DOORFRAME
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6. GREEN METAL HVAC DUCTWORK
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DD BUILDING

1. BEIGE METAL DOOR
2. TAN METAL DOOR



1 HM101 LEVEL 1 FLOOR PLAN - DD 1/8" = 1'-0"

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FIRST FLOOR PLAN - DD BUILDING

ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS -
PHASE 3

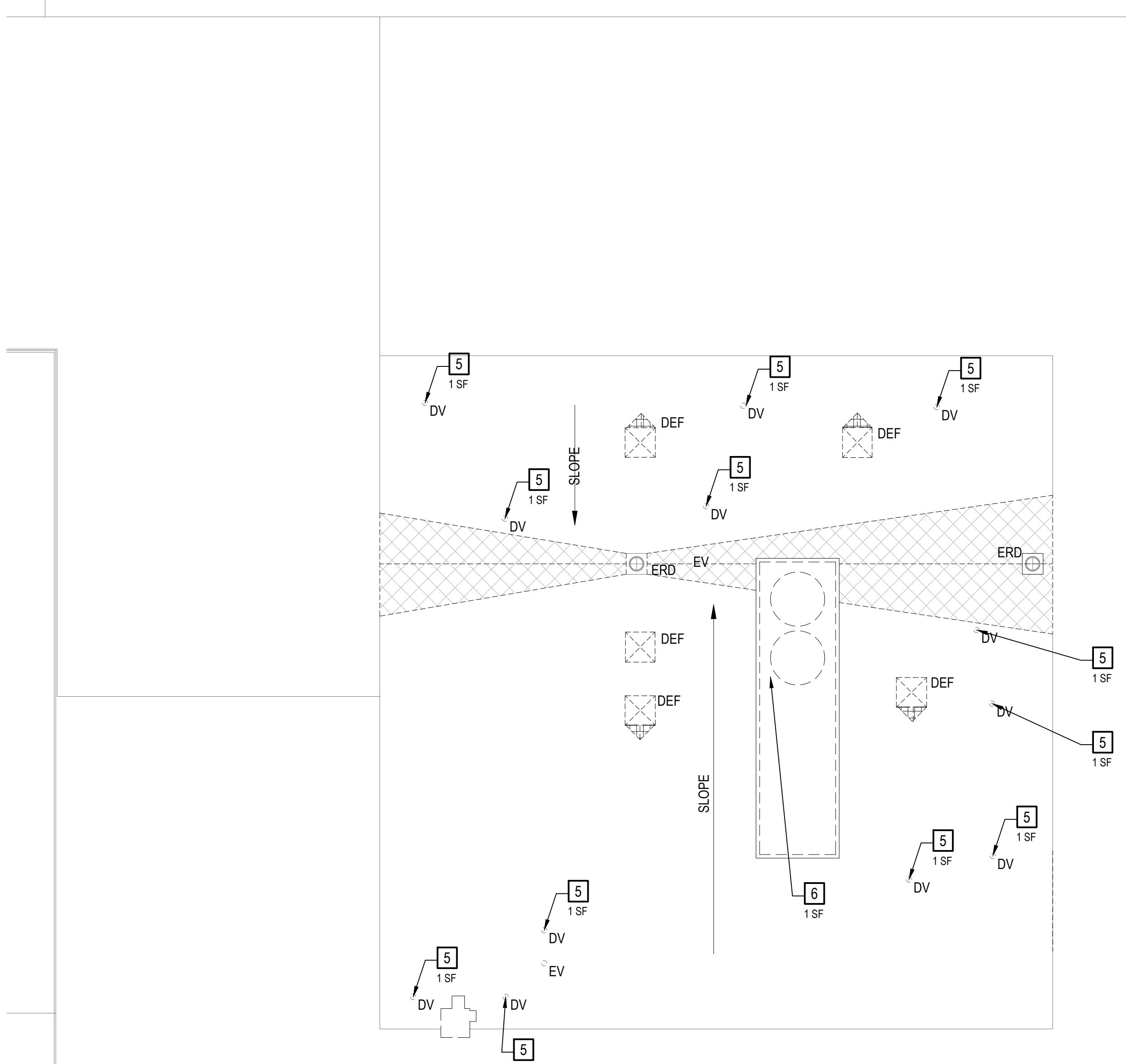
Seal of the State of New York Professional Engineer
George H. Foit
079435
LICENSED PROFESSIONAL ENGINEER

Revision Number	Revision Date

Scale: AS NOTED

Date:	01/24/2023	Project Manager:	SC
Drawn By:	SPF	Checked By:	RJH
Project:	2021-885-02		

Sheet: **HM102**



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- E. REFER TO THE ENTIRE SET OF CONTRACT DOCUMENTS FOR COORDINATION OF SCOPE.
- F. THE LOCATION OF ANY ON-SITE STORAGE OF MATERIALS, EQUIPMENT DUMPSTER/WASTE TRAILER AND DECONTAMINATION FACILITIES SHALL BE COORDINATED WITH AND APPROVED BY THE OWNER'S REPRESENTATIVE.
- G. PROVIDE ALL TOOLS, EQUIPMENT, AND SUPPLIES. THE OWNER'S REPRESENTATIVE WILL NOT BE LIABLE FOR THEFT OR DAMAGE.
- H. ALL ABATEMENT AND/OR REMOVAL OF ASBESTOS CONTAINING MATERIALS MUST PASS VISUAL INSPECTION AND CLEARANCE PROCEDURES PER 12NYCRR56 BEFORE GENERAL CONSTRUCTION WORK MAY COMMENCE. A SITE SPECIFIC VARIANCE FOR THIS PROJECT HAS NOT BEEN APPLIED FOR. ANY VARIANCE APPLICATION PREPARED BY THE CONTRACTOR OR ITS AGENT MUST BE SUBMITTED TO THE OWNER FOR APPROVAL PRIOR TO SUBMISSION TO THE STATE OF NEW YORK DEPARTMENT OF LABOR ENGINEERING SERVICES FOR PROCESSING. THE OWNER SHALL BEAR NO ADDITIONAL COST AS A RESULT OF THE APPROVAL OF, THE DENIAL OF, AND/OR CONDITIONS SET FORTH WITHIN THE SITE SPECIFIC VARIANCE.
- J. THE PROJECT MANUAL INCLUDES EXISTING HAZARDOUS MATERIAL INFORMATION FOR REFERENCE. MAINTAIN A COPY OF THE REPORT ON-SITE FOR THE DURATION OF THE PROJECT. QUANTITIES REPORTED WITHIN THE REPORT ARE APPROXIMATED. ASBESTOS CONTAINING MATERIALS IDENTIFIED IN THE REPORT ARE TO BE ABATED PRIOR TO ANY CONSTRUCTION THAT COULD DISTURB THESE MATERIALS.
- K. IF ADDITIONAL ASBESTOS AND/OR SUSPECT MATERIAL, NOT PREVIOUSLY IDENTIFIED ARE DISCOVERED AND/OR DISTURBED DURING CONSTRUCTION, ALL OPERATIONS SHALL CEASE AND THE OWNER'S REPRESENTATIVE SHALL BE NOTIFIED IMMEDIATELY FOR FURTHER DIRECTION. DO NOT COLLECT AND/OR ANALYZE BULK SAMPLES OF SUSPECT MATERIALS WITHOUT THE APPROVAL OF THE OWNER'S REPRESENTATIVE.
- L. COORDINATE THE DE-ENERGIZING OF ALL DEVICES, EQUIPMENT, AND FIXTURES TO BE REMOVED OR WHICH REMAIN WITHIN CONTAINMENT, PRIOR TO THE COMMENCEMENT OF ABATEMENT ACTIVITIES.
- M. PROVIDE ALL REMOVALS REQUIRED TO ACCESS AND ABATE MATERIALS SCHEDULED FOR REMOVAL.
- N. ALL ASBESTOS-CONTAINING MATERIAL SHALL BE PROPERLY PACKAGED PRIOR TO BEING REMOVED FROM THE WORK AREA(S). ASBESTOS WARNING LABELS SHALL BE APPLIED TO THE ASBESTOS WASTE BAGS.
- O. NON-POROUS CLEANABLE MATERIALS SCHEDULED FOR REMOVAL, SALVAGE, AND/OR DISPOSAL THAT ARE REMOVED DURING ABATEMENT ACTIVITIES (SUCH AS DOOR FRAMING, PARTITIONS, ACCESS PANELS, FIXTURES, ETC.) SHALL BE PROPERLY CLEANED, RECYCLED, OR DISPOSED OF AS C&D DEBRIS, AS APPROPRIATE.

GENERAL ASBESTOS NOTES:

- A. NOT ALL REMOVAL NOTES ARE UTILIZED ON EVERY SHEET.
- B. REFERENCE SPECIFICATION 028214.

KEYED ASBESTOS REMOVAL NOTES:

- 1 REMOVE AND PROPERLY DISPOSE WINDOW ASSEMBLY IN ITS ENTIRETY INCLUDING ASBESTOS-CONTAINING WINDOW GLAZING AND CAULK FROM ROUGH MASONRY OPENING. REMOVAL IS CONSIDERED OSHA CLASS II WORK. ALL WASTE SHALL BE CONSIDERED EPA CATEGORY II NON-FRIABLE.
- 2 REMOVE AND PROPERLY DISPOSE OF ASSUMED ASBESTOS-CONTAINING 12" x 12" FLOOR TILE AND ASSOCIATED MASTIC DOWN TO BARE SUBSTRATE. REMOVAL IS CONSIDERED OSHA CLASS II WORK. ALL WASTE SHALL BE CONSIDERED EPA CATEGORY I NON-FRIABLE.
- 3 REMOVE AND PROPERLY DISPOSE OF ASSUMED ASBESTOS-CONTAINING COVEBASE AND MASTIC FROM SUBSTRATE. REMOVAL IS CONSIDERED OSHA CLASS II WORK. ALL WASTE SHALL BE CONSIDERED EPA CATEGORY II NON-FRIABLE.
- 4 REMOVE AND PROPERLY DISPOSE OF ASBESTOS-CONTAINING 9" x 9" FLOOR TILE. ASSOCIATED MASTIC IS CONFIRMED NON-ACM. REMOVAL IS CONSIDERED OSHA CLASS II. ALL WASTE SHALL BE CONSIDERED EPA CATEGORY I NON-FRIABLE.
- 5 REMOVE AND PROPERLY DISPOSE OF ASBESTOS-CONTAINING VENT TAR DOWN TO BARE SUBSTRATE. REMOVAL IS CONSIDERED OSHA CLASS II WORK. ALL WASTE SHALL BE CONSIDERED EPA CATEGORY I NON-FRIABLE.
- 6 REMOVE AND PROPERLY DISPOSE OF ASBESTOS-CONTAINING CONDUIT PUTTY WRAP IN ITS ENTIRETY FROM WITHIN THE AIR HANDLER UNIT. REMOVAL IS CONSIDERED OSHA CLASS II WORK. ALL WASTE SHALL BE CONSIDERED EPA CATEGORY II NON-FRIABLE.

GENERAL PCB NOTES:

- A. NOT ALL REMOVAL NOTES ARE UTILIZED ON EVERY SHEET.
- B. REFERENCE SPECIFICATION 028433.

KEYED PCB REMOVAL NOTES:

- 1 REMOVE PCB-CONTAINING WINDOW CAULK FROM ROUGH MASONRY OPENING. WINDOW CAULK IS ALSO ASBESTOS-CONTAINING. REFERENCE KEYED ASBESTOS REMOVAL NOTE 1.
- 2 REMOVE PCB-CONTAINING EXTERIOR DOOR CAULK FROM ROUGH MASONRY OPENING. DOOR CAULK IS ALSO ASBESTOS-CONTAINING. REFERENCE KEYED ASBESTOS REMOVAL NOTE 1.

LEAD AWARENESS NOTE:

- A. GENERAL NOTE TO ALL TRADES - VARIOUS BUILDING MATERIALS HAVE BEEN IDENTIFIED AS BEING LEAD CONTAINING. A LISTING OF LEAD PAINTED BUILDING COMPONENTS CAN BE FOUND IN THE PROJECT DESIGN MANUAL AS PART OF THE PRE-RENOVATION INSPECTION REPORT.
- B. CONDUCT ALL WORK IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REQUIREMENTS, INCLUDING OSHA 29 CFR 1926 (LEAD IN CONSTRUCTION STANDARD), AND TAKE PRECAUTIONS TO ENSURE THAT WORKERS ARE NOT EXPOSED TO LEAD IN EXCESS OF THE PERMISSIBLE EXPOSURE LIMIT. DISPOSAL OF GENERATED PAINT CHIPS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE FEDERAL AND STATE REGULATIONS REGARDING LEAD.
- C. THE FOLLOWING TYPICAL COMPONENTS TESTED POSITIVE FOR LEAD-BASED PAINT OR AS CONTAINING LEAD. REFER TO THE REPORT FOR A COMPLETE LISTING:

BB BUILDING

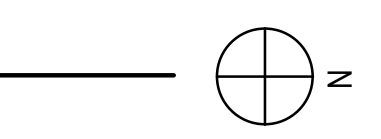
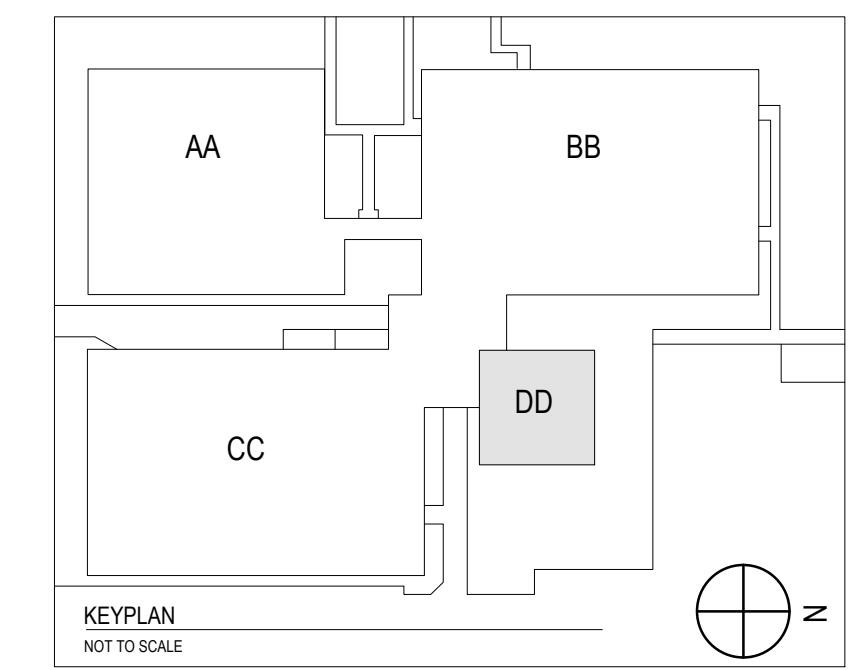
- 1. GREY METAL CEILING
- 2. GREY METAL DOOR CASING
- 3. GREY METAL RAFTER
- 4. ORANGE METAL I-BEAM

CC BUILDING

- 1. BEIGE METAL DOORFRAME
- 2. BEIGE METAL WINDOW
- 3. BLACK METAL WINDOW/DOOR
- 4. GRAY METAL DOOR FRAME
- 5. GREEN METAL DOORFRAME
- 6. GREEN METAL HVAC DUCTWORK
- 7. GREEN METAL PIPE/HANGER

DD BUILDING

- 1. BEIGE METAL DOOR
- 2. TAN METAL DOOR



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FLOOR PLAN - DD BUILDING
 ERIE COUNTY HEALTH LAB
 BLDG 17 BB CC RENOVATIONS-
 PHASE 3

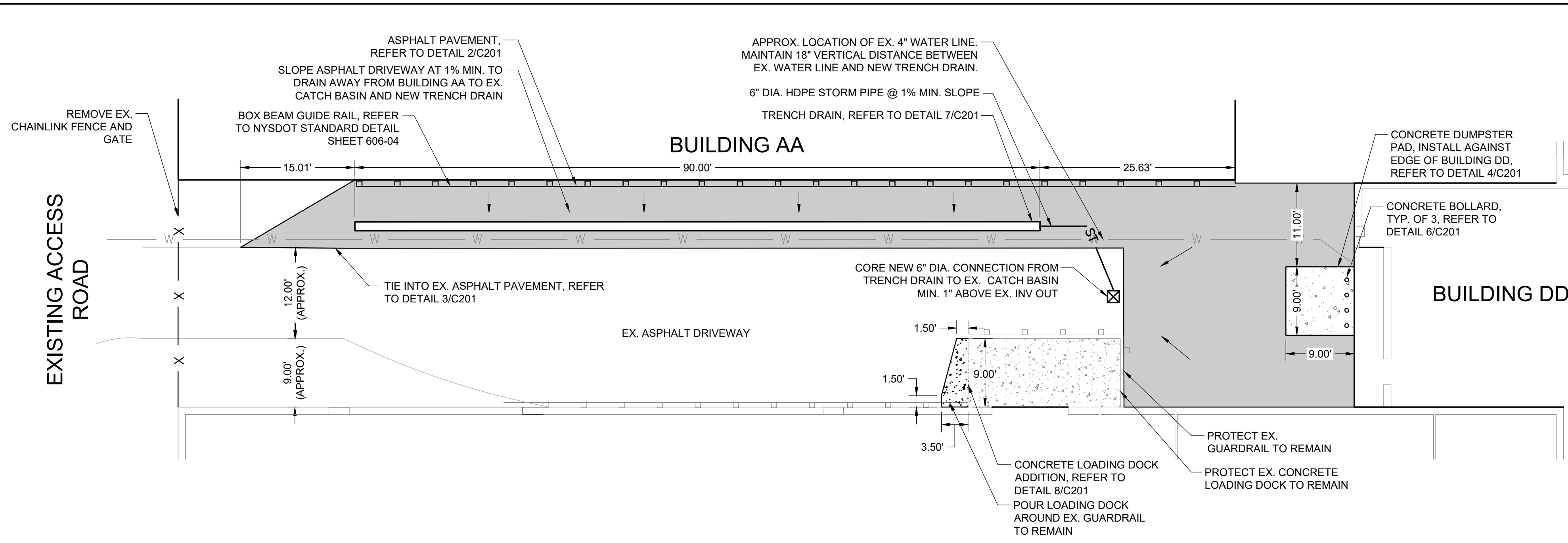


Revision Number	Revision Date

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Date: 01/24/2023	Project Manager: SC
Drawn By: SPF	Checked By: R.J.H.
Project: 2021-885-02	

Sheet: **HM200**



LOADING DOCK ADDITION AND PAVEMENT WORK
1" = 10'

GENERAL NOTES

- IF SIGNS OF CONTAMINATION ARE ENCOUNTERED DURING EXCAVATION, IMMEDIATELY STOP WORK AND NOTIFY THE DIRECTOR'S REPRESENTATIVE. SIGNS OF CONTAMINATION INCLUDE, BUT ARE NOT LIMITED TO: ODOR, OILY SHEEN, SLUDGE, SOIL STAINING, AND UNUSUAL FILL MATERIAL. NYSDEC MUST BE CONTACTED BY THE ARCHITECT IF PETROLEUM CONTAMINATED SOIL IS ENCOUNTERED ONSITE DURING CONSTRUCTION.

REMOVALS NOTES

- SAWCUTTING IS REQUIRED FOR TRENCHES, SIDEWALK, AND PAVEMENT REMOVALS OR OTHER EXCAVATION WORK WITHIN PAVED AREAS, SIDEWALKS, OR AT CURBS, UNLESS OTHERWISE NOTED OR APPROVED BY ARCHITECT.
- WHEN ADJACENT ASPHALT, CONCRETE, OR PAVING STONE AREAS ARE DISTURBED AS PART OF THE CONSTRUCTION, REPLACE DAMAGED OR EXCAVATED AREA. SAWCUT THE PERIMETER OF THE DISTURBED AREA FULL DEPTH SO THAT LINES ARE STRAIGHT AND TRUE.

STAGING AND WORK ZONE CONTROL NOTES

- ENSURE THAT CONDITIONS SURROUNDING THE WORK AREA ARE ADEQUATE FOR PUBLIC SAFETY AT ALL TIMES. IMMEDIATELY REPORT THE PRESENCE OF ANY UNSAFE CONDITIONS TO THE ARCHITECT.
- NOTIFY LOCAL LAW ENFORCEMENT AND EMERGENCY SERVICES OF CHANGES TO THE TRAFFIC (VEHICULAR AND/OR PEDESTRIAN) PATTERNS AND ANY OTHER COORDINATION THEY REQUIRE.
- MAINTAIN A SAFE TRAVEL WAY FOR PEDESTRIANS AROUND ALL WORK AREAS. KEEP ALL WORK AREAS, EITHER ACTIVE OR INACTIVE, INACCESSIBLE TO THE PUBLIC AT ALL TIMES BY MEANS ACCEPTABLE TO THE ARCHITECT.
- COORDINATE TRAFFIC CONTROL MEASURES AND WORK SCHEDULE FOR ANY WORK WITHIN A PUBLIC RIGHT-OF-WAY WITH THE ARCHITECT.
- MAINTENANCE AND PROTECTION OF TRAFFIC MUST COMPLY WITH THE FEDERAL AND NEW YORK STATE DEPARTMENT OF TRANSPORTATION'S MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES, SECTION 619 OF CURRENT NYS DOT STANDARD SPECIFICATIONS, THESE PLANS, AND AS ORDERED BY THE ARCHITECT.
- VEHICLES AND/OR EQUIPMENT BELONGING TO THE CONTRACTOR OR THEIR WORKERS ARE NOT TO BE PARKED ON PAVEMENT OR SHOULDER ALONG A ROADWAY BEING USED BY THE GENERAL PUBLIC. NO MATERIAL MAY BE PLACED ON THE SHOULDER OR WITHIN THE CLEAR ROADSIDE AREA. CONSTRUCTION EQUIPMENT, MATERIALS, AND/OR VEHICLES STORED DURING NON-WORKING HOURS OR OVERNIGHT MUST BE LOCATED IN THE FENCED PROJECT AREA AS SHOWN ON THE STAGING PLAN OR PER DIRECTOR'S REPRESENTATIVE.

EARTHWORK & SITE RESTORATION NOTES

- PROVIDE DEWATERING IF GROUNDWATER IS ENCOUNTERED DURING EXCAVATION WORK, AND MAINTAIN UNTIL ALL EXCAVATIONS ARE BACKFILLED AND HAVE POSITIVE SURFACE DRAINAGE.
- SOIL SUBBASES SHOULD NOT BE ALLOWED TO POOL STANDING WATER OR BECOME SATURATED, FROZEN, OR DISTURBED.
- PERFORM WORK IN COMPLIANCE WITH TITLE 29, CODE OF FEDERAL REGULATIONS, PART 1926, SAFETY AND HEALTH REGULATIONS FOR CONSTRUCTION (O.S.H.A.), IN TRENCH EXCAVATIONS, LAY THE SIDES SLOPES BACK TO A PERMITTED SLOPE IF ADEQUATE SPACE IS AVAILABLE. USE A TRENCH SHIELD, OR PROVIDE SHEETING, SHORING, AND BRACING. INCLUDE COSTS FOR TRENCH AND STRUCTURE EXCAVATION PROTECTION IN THE BID.
- RESTORE EXCAVATIONS AND DISTURBED AREAS TO THE PROPOSED CONDITIONS SHOWN ON THE DRAWINGS AND PROJECT SPECIFICATIONS. THIS INCLUDES CONSTRUCTION ACCESS ROUTES, STAGING AREAS, AND DESIGNATED CONTRACT WORK AREAS.
- IT IS ANTICIPATED THAT BEDROCK WILL BE ENCOUNTERED DURING EXCAVATION WORK. BASED ON HISTORICAL INFORMATION, BEDROCK DEPTH IS APPROXIMATELY 2'-6" BELOW EXISTING GRADE. BLASTING IS NOT PERMITTED FOR REMOVAL OF ROCK.
- MATCH EXISTING GRADES AT ALL LOCATIONS WHERE CONCRETE OR ASPHALT PAVEMENT MEETS EXISTING PAVEMENT. PAVEMENT SHALL BE SLOPED TO ENSURE DRAINAGE TOWARD EXISTING DRAINAGE STRUCTURES.
- RESTORE DISTURBED WITH TOPSOIL (4" MINIMUM), HYDROSEEDING, MULCHING, AND WATERING.

UTILITY NOTES

- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATIONS AND/OR ELEVATIONS OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE.
- CALL DIGSAFELY NY AND 811 AT LEAST (7) FULL WORKING DAYS BEFORE ANY EXCAVATION (800) 962-7962. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING UTILITY COMPANIES THAT ARE NOT A MEMBER OF THE 'DIG SAFELY NEW YORK' PROGRAM.
- UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND BASED ON RECORD DRAWINGS. CONTRACTOR SHALL LOCATE ALL UTILITIES PRIOR TO BEGINNING WORK. NOTIFY OWN OF ANY CONFLICTS.
- TAKE PRECAUTIONS NECESSARY TO PRESERVE THE INTEGRITY OF EXISTING UTILITIES TO REMAIN AND PROVIDE UNINTERRUPTED SERVICE TO ALL USERS OF THE EXISTING UTILITIES. PROTECT EXISTING UTILITIES TO REMAIN FROM DAMAGE BY EQUIPMENT PASSING OVER THEM. SUPPORT AND PROTECT EXISTING UTILITIES TO REMAIN IN EXCAVATIONS. USE SUITABLE VIBRATORY EQUIPMENT AND CONSTRUCTION PROCEDURES TO AVOID DISTURBANCE OR BREAKAGE OF THE EXISTING UTILITIES. CONTRACTOR TO REPAIR UTILITIES DAMAGED BY CONTRACTOR AT NO ADDITIONAL EXPENSE.
- NOTIFY THE ARCHITECT AT LEAST 72 HOURS PRIOR TO ALLOW TIME FOR THEM TO COORDINATE UTILITY SHUTDOWNS. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING UNINTERRUPTED SANITARY SERVICE INCLUDING BYPASS PUMPING TO SANITARY SEWER MAIN IF NECESSARY.
- ADJUST OR REPLACE EXISTING WATER VALVES, GAS VALVES, STEAM, ELECTRIC, TELECOMMUNICATIONS, SANITARY SEWER, AND STORM MANHOLES AND/OR COVERS LOCATED WITHIN THE LIMIT OF CONTRACT AS REQUIRED TO MEET THE PROPOSED FINISH GRADE.

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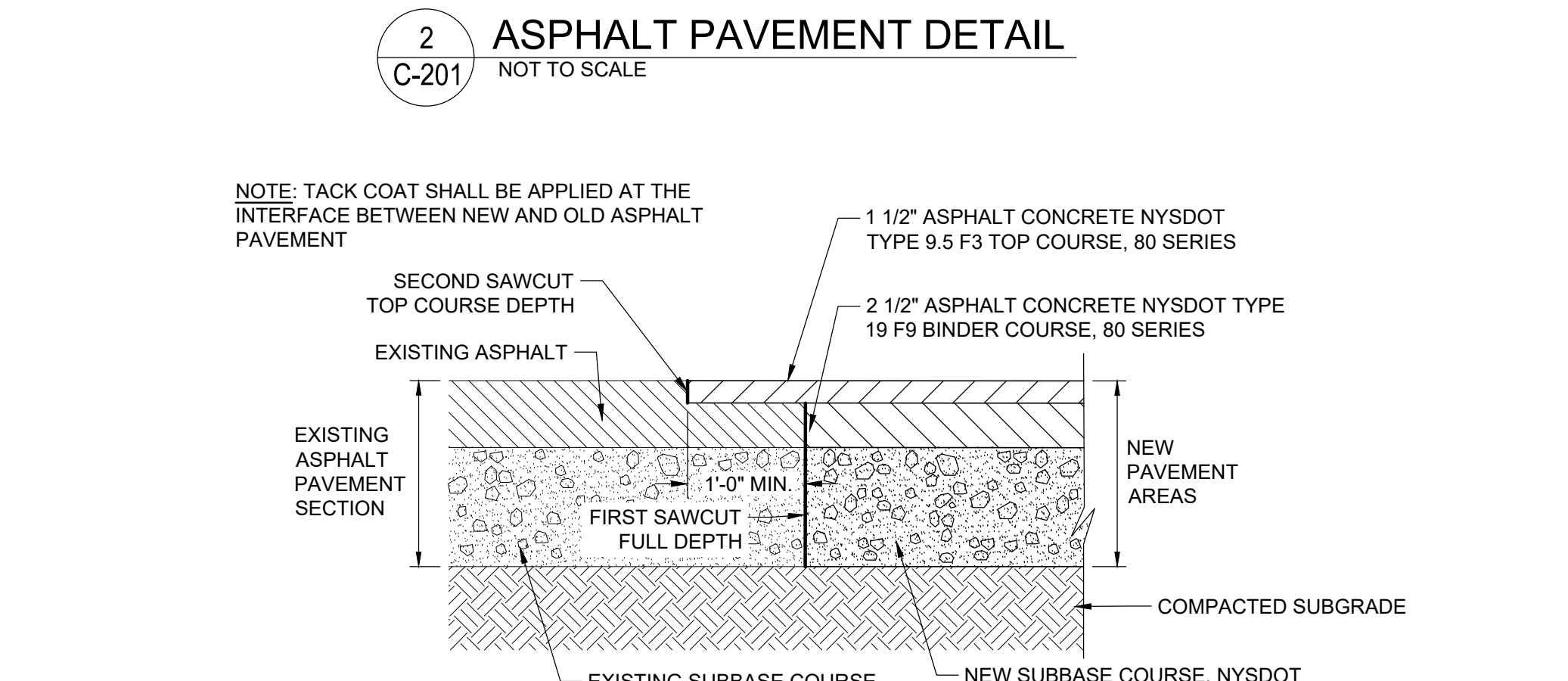
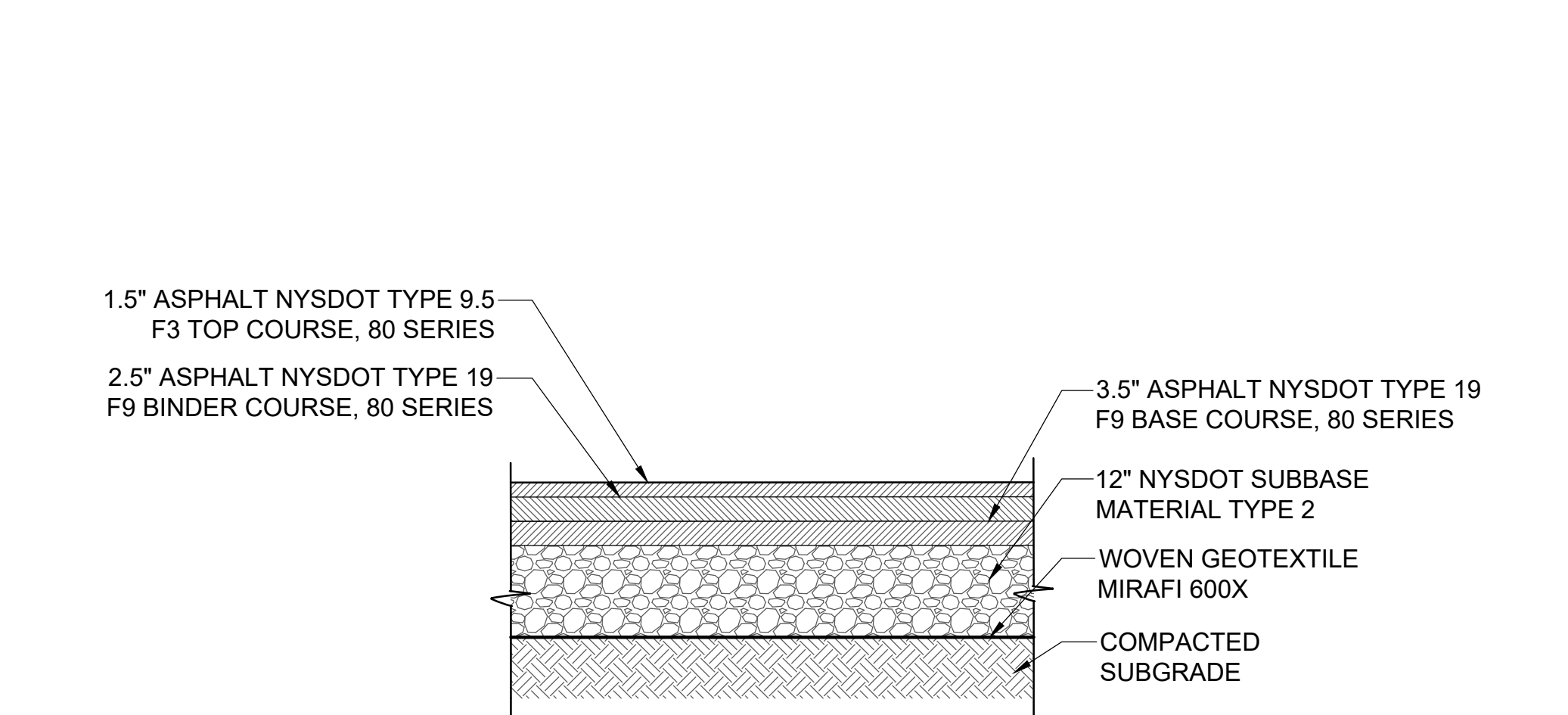
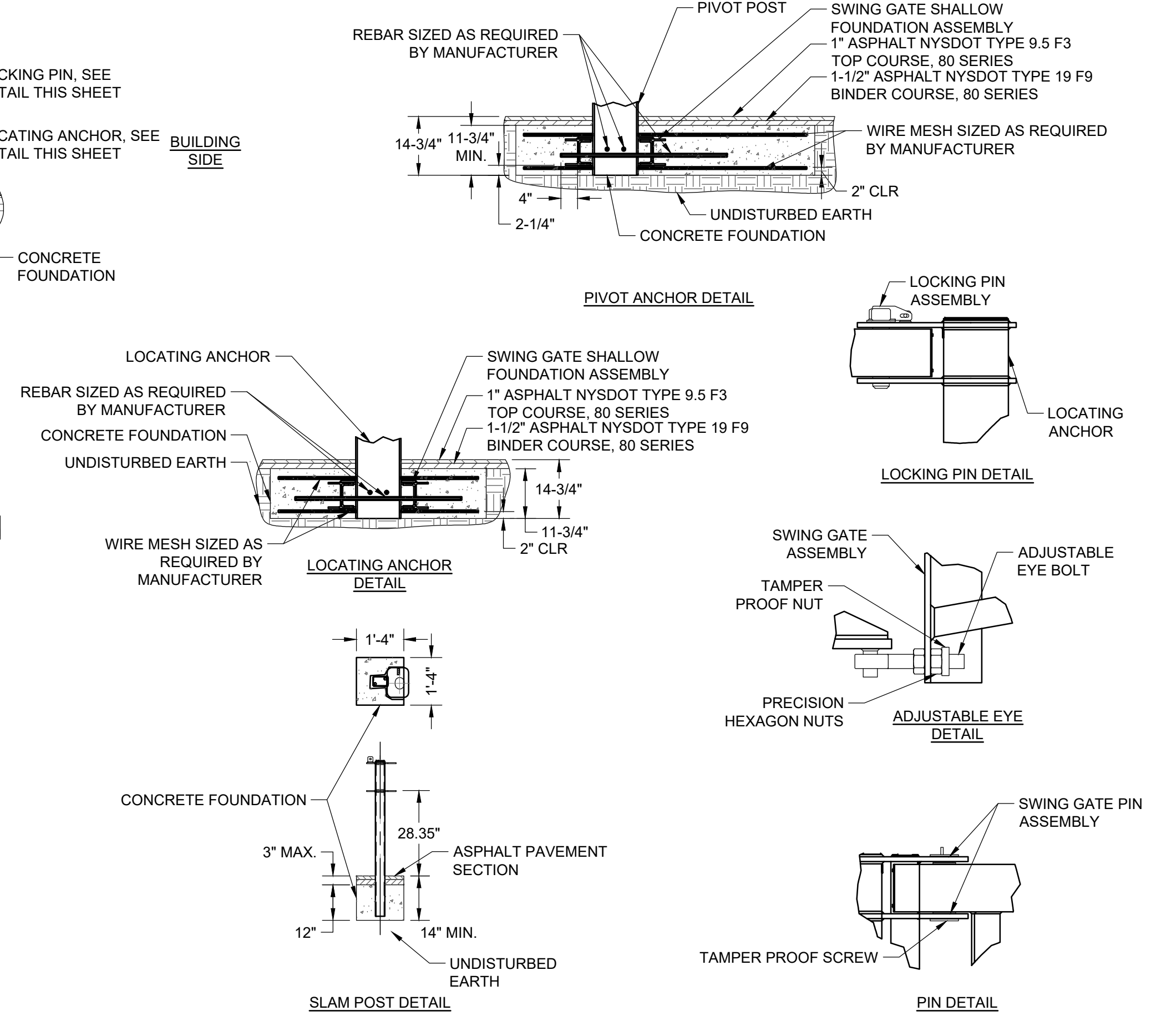
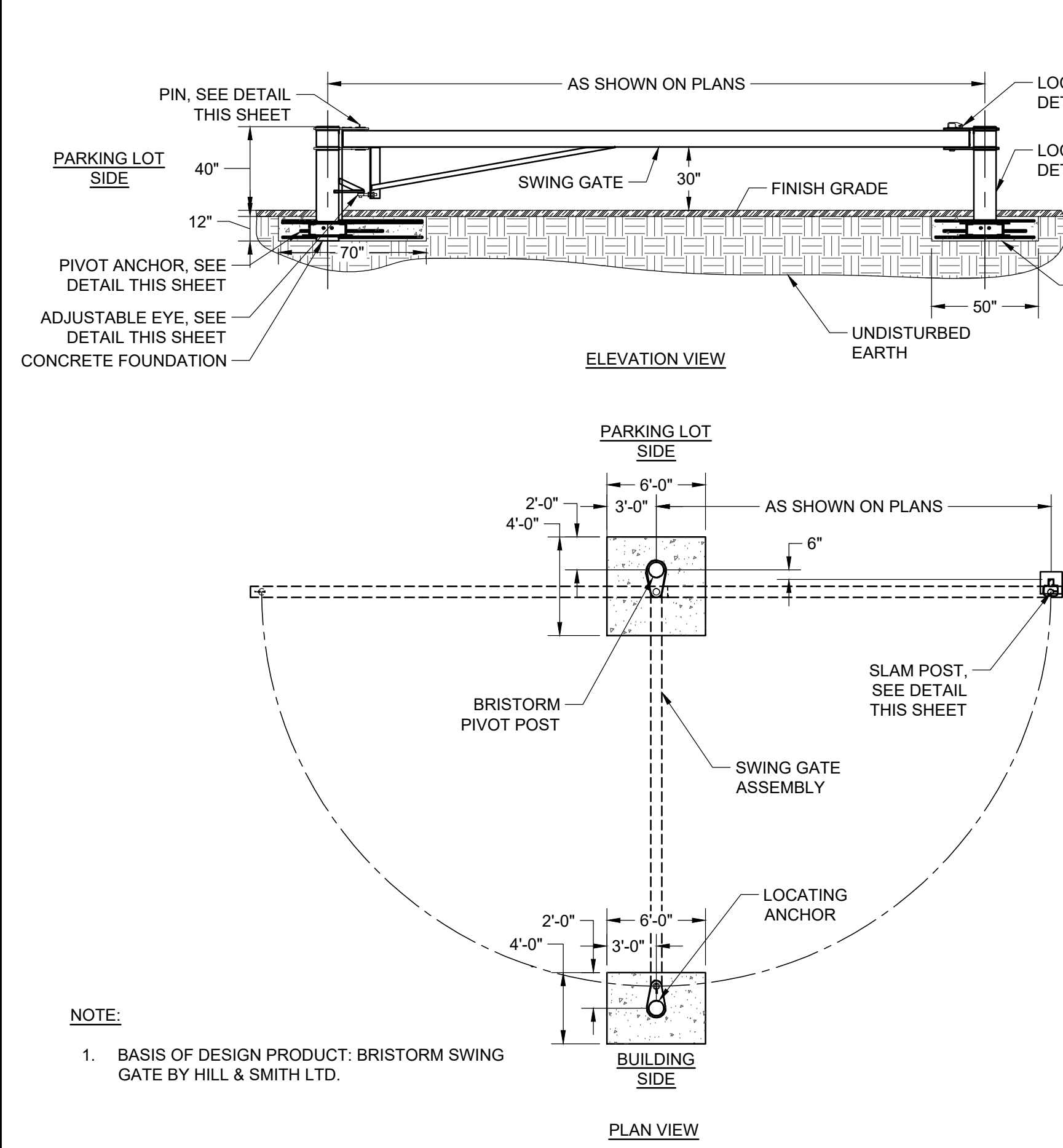
SITE PLAN

**ERIE COUNTY HEALTH LAB CC
RENOVATIONS PHASE 3**

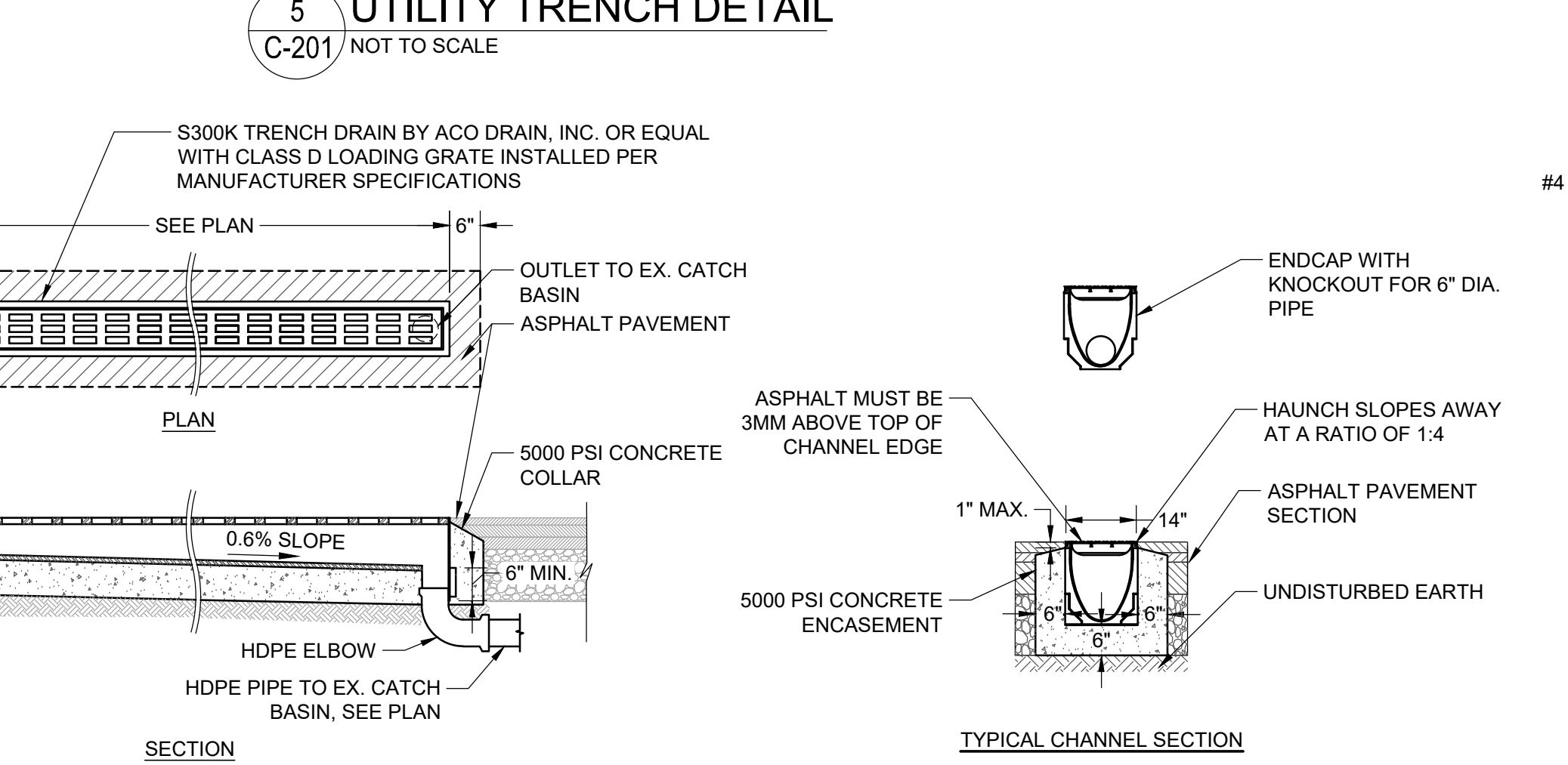
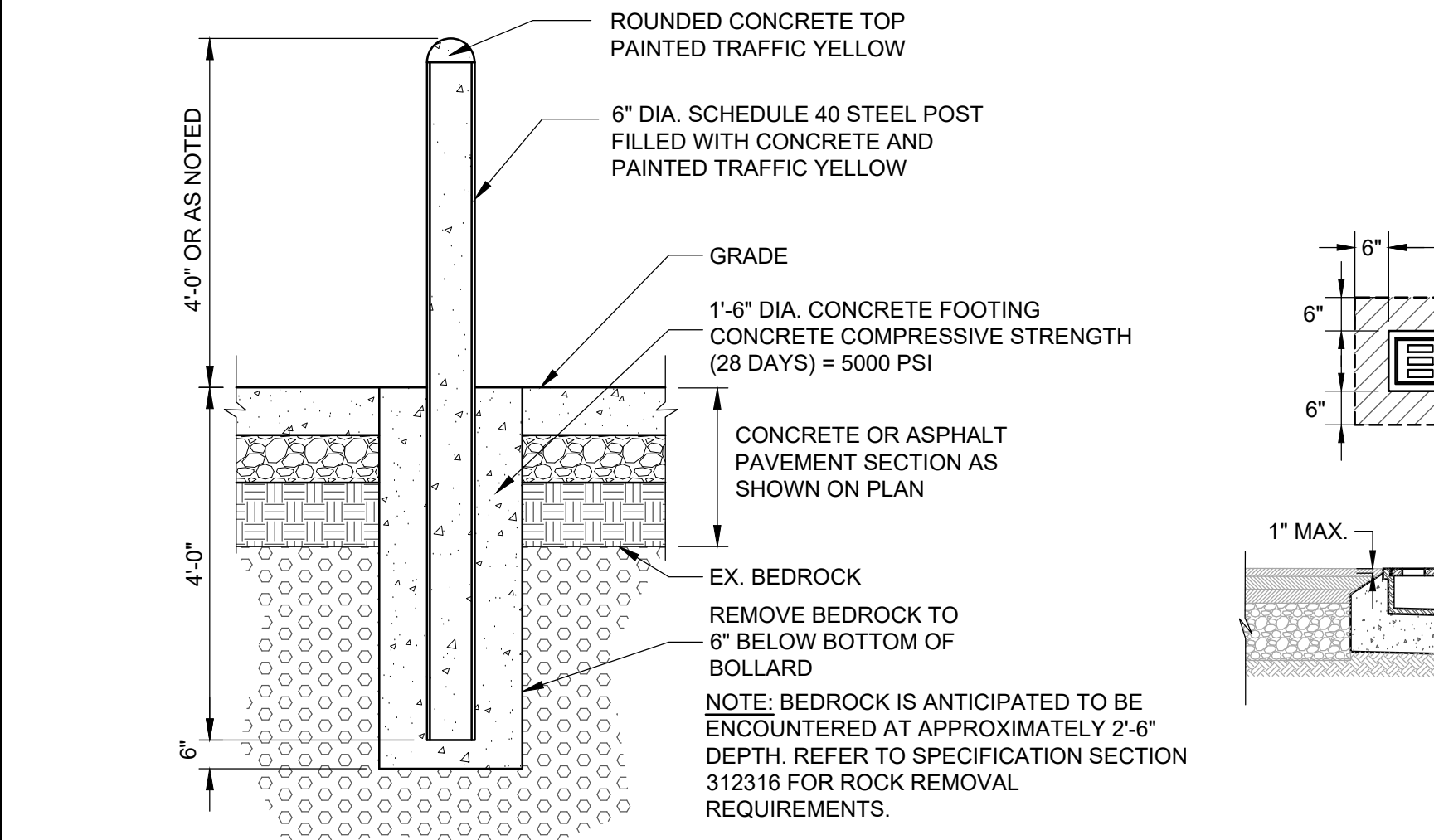
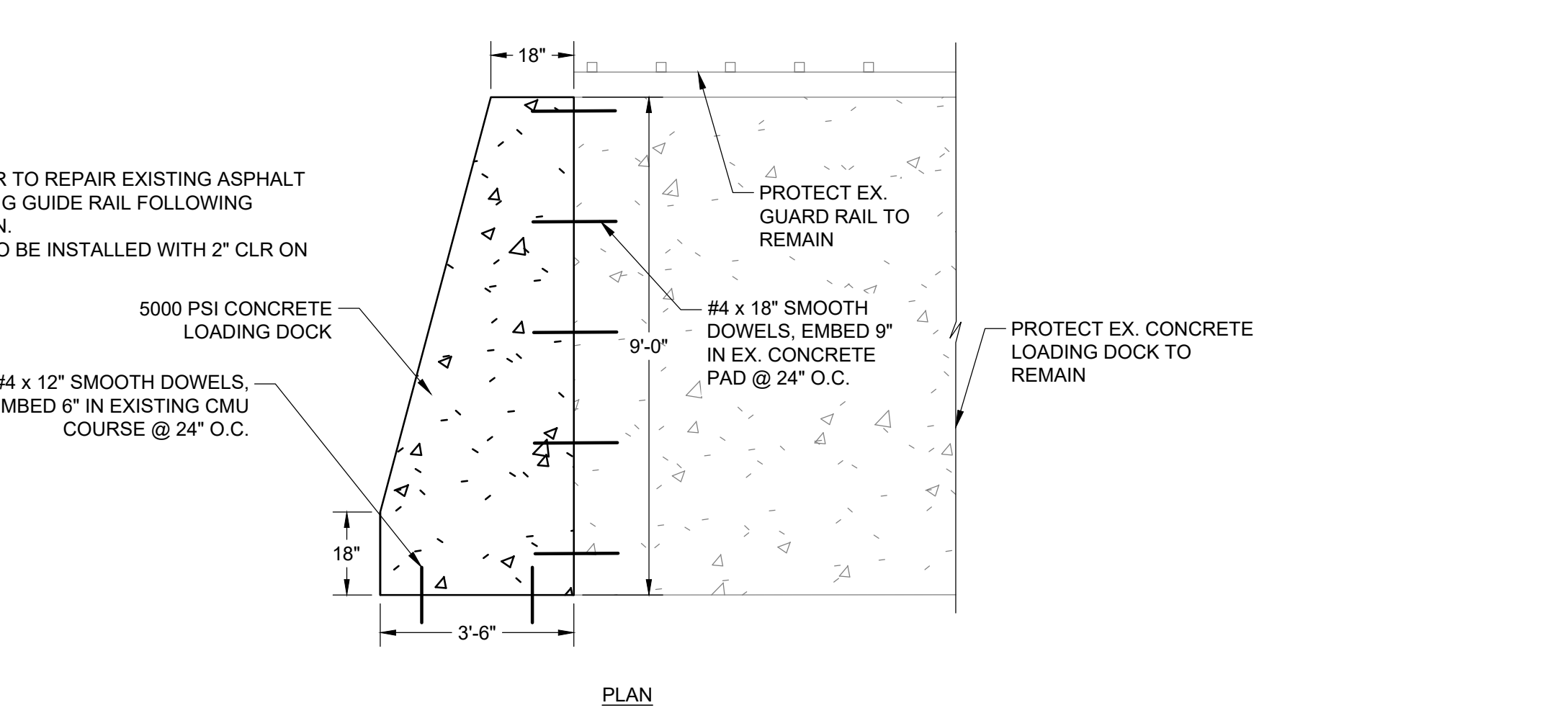
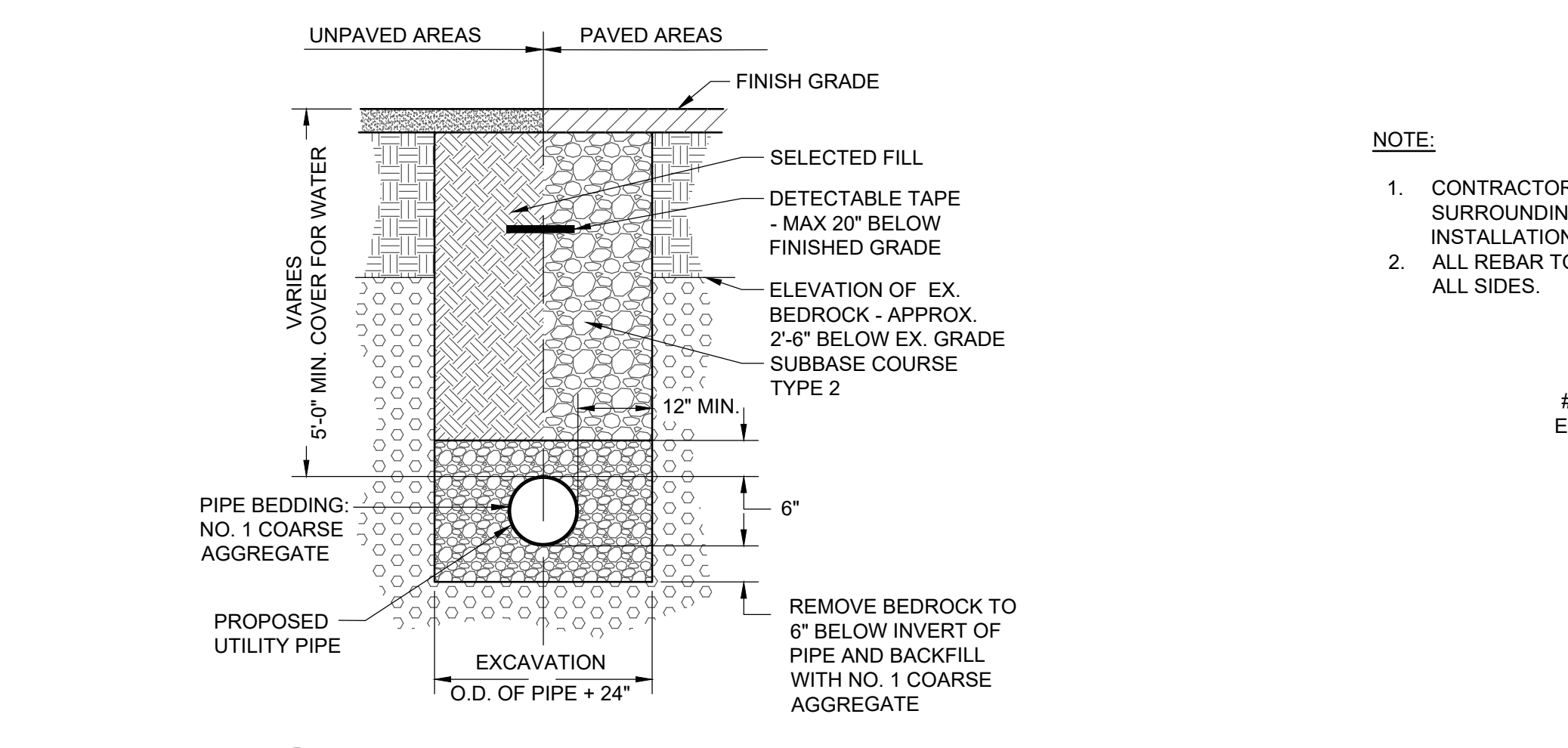
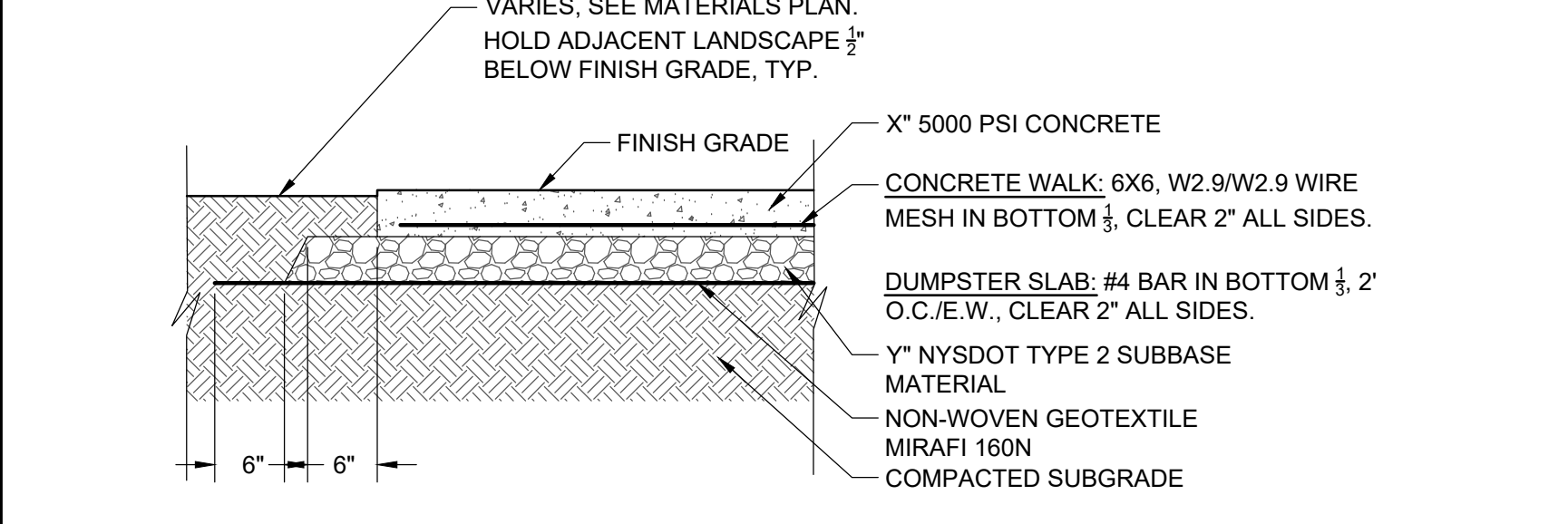


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Sheet: 2021-885-01
C101



CONCRETE AREA	"X"	"Y"
SIDEWALKS	4"	4"
DUMPSTER SLAB	8"	12"



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SITE DETAILS
ERIE COUNTY HEALTH LAB CC RENOVATIONS PHASE 3

STATE OF NEW YORK
GERARD J. LOVIT
1887
LICENSED PROFESSIONAL ENGINEER

Revision Number	Revision Date

AS NOTED

01/24/2023 SC

HMC DLP

2021-885-01

C201

STRUCTURAL SYMBOLS LEGEND

	BOTTOM OF FOOTING ELEVATION		ONE-WAY SPAN DIRECTION
	LATERAL FRAME MOMENT CONNECTION		TWO-WAY SPAN DIRECTION
	GRAVITY MOMENT CONNECTION		STEP IN ELEVATION
	SOIL BORING LOCATION 4 NUMBER		RAMP DOWN
	STRUCTURAL SECTION		RAMP UP
	STRUCTURAL ELEVATION		
	DETAIL CALLOUT		

STRUCTURAL ABBREVIATIONS

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
ADJ	ADJACENT	LLH	LONG LEG HORIZONTAL
ADDL	ADDITIONAL	LLV	LONG LEG VERTICAL
ALT	ALTERNATE	LP	LOW POINT
AB	ANCHOR BOLT	LM	LIGHT WEIGHT
ARCH	ARCHITECT	MO	MASONRY OPENING
BRG	BEARING	MAX	MAXIMUM
CLR	CLEAR	MIN	MINIMUM
CMU	CONCRETE MASONRY UNIT	MP	MASONRY PIER
CONST JT	CONSTRUCTION JOINT	NIC	NOT IN CONTRACT
CJ	CONTROL JOINT	NTS	NOT TO SCALE
CU YD	CUBIC YARD	NS	NEAR SIDE
DIA	DIAMETER	OC	ON CENTER
DIM	DIMENSION	OF	OUTSIDE FACE
DWG	DRAWING	P	PIER (CONCRETE)
EF	EACH FACE	PL	PLATE
EL	ELEVATION	R	RADIUS
EOD	EDGE OF DECK	RD	ROOF DRAIN
EOS	EDGE OF SLAB	RO	ROUGH OPENING
EQ	EQUAL	SC	SLIP CRITICAL
ES	EACH SIDE	SIM	SIMILAR
EN	EACH WAY	SOG	SLAB ON GRADE
EXIST	EXISTING	STD	STANDARD
EXP	EXPANSION	SYMM	SYMMETRICAL
FS	FAR SIDE	T&B	TOP & BOTTOM
FTG	FOOTING	TOL	TOP OF LEDGE
GA	GAUGE	TOS	TOP OF STEEL
GALV	GALVANIZED	TOV	TOP OF WALL
GB	GRADE BEAM	TRANS	TRANSVERSE
GC	GENERAL CONTRACTOR	TYP	TYPICAL
HORIZ	HORIZONTAL	UNO	UNLESS NOTED OTHERWISE
HP	HIGH POINT	VIF	VERIFY IN FIELD
HSS	HOLLOW STRUCTURAL SECTION	VERT	VERTICAL
IF	INSIDE FACE	WP	WORK POINT
JT	JOINT	WOD	WOOD
L	ANGLE	WVF	WELDED WIRE FABRIC

GENERAL NOTES

- 1 THE WORK SHOWN ON THESE DRAWINGS HAS BEEN DESIGNED IN ACCORDANCE WITH THE STRUCTURAL REQUIREMENTS OF THE 2020 BUILDING CODE OF NEW YORK STATE.
- 2 THE STRUCTURAL COMPONENTS HAVE BEEN DESIGNED FOR THE LOADS INDICATED IN THE STRUCTURAL DESIGN CRITERIA.
- 3 CONTRACTOR SHALL FIELD MEASURE AND VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE START OF CONSTRUCTION AND THE FABRICATION OF ANY MATERIALS. NOTIFY ENGINEER OF ANY EXISTING CONDITION DISCREPANCIES.
- 4 THIS STRUCTURE HAS BEEN DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE CONSTRUCTION OF THE BUILDING HAS BEEN COMPLETED. THE STABILITY OF THE STRUCTURE PRIOR TO COMPLETION IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. THIS RESPONSIBILITY EXTENDS TO ALL RELATED ASPECTS OF THE CONSTRUCTION ACTIVITY INCLUDING, BUT NOT LIMITED TO, ERECTION METHODS, ERECTION SEQUENCE, TEMPORARY BRACING, SHORING, FORMS, USE OF EQUIPMENT AND SIMILAR CONSTRUCTION PROCEDURES. LACK OF COMMENT ON THE PART OF THE ENGINEER WITH REGARD TO CONSTRUCTION PROCEDURES IS NOT TO BE INTERPRETED AS APPROVAL OF THOSE PROCEDURES.
- 5 THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING, PROVIDING AND INSTALLING ALL TEMPORARY SHORING THAT IS REQUIRED DURING CONSTRUCTION.
- 6 JOB SITE SAFETY AND CONSTRUCTION MEANS AND METHODS ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. REVIEW OF THE CONSTRUCTION BY THE ENGINEER IS FOR CONFORMANCE WITH THE DESIGN ASPECTS ONLY. NOT TO REVIEW THE CONTRACTOR'S PROVISIONS FOR JOB SITE SAFETY AND CONSTRUCTION PROCEDURES. LACK OF COMMENT BY THE ENGINEER IS NOT TO BE INTERPRETED AS APPROVAL.
- 7 LOADS, OPENINGS AND STRUCTURE IN ANY WAY RELATED TO REQUIREMENTS OF OTHER NON-STRUCTURAL DISCIPLINES ARE SHOWN FOR REFERENCE ONLY. THESE PLANS DO NOT SHOW THE FULL SCOPE OF OPENINGS IN ROOFS, FLOORS AND WALLS. FOR SIZE AND LOCATION OF ALL OPENINGS SEE ARCHITECTURAL AND MEP DRAWINGS. THE CONTRACTOR SHALL OBTAIN FROM THE MEP AND OTHER TRADES THE FINAL APPROVED SIZE AND LOCATION OF ALL OPENINGS AND WORK TO BE PROVIDED FOR THEIR TRADE IN ROOFS, FLOORS AND WALLS WHETHER SHOWN OR NOT ON STRUCTURAL DRAWINGS. EXCESS COST RELATED TO VARIATION IN REQUIREMENTS OR EQUIPMENT ARE NOT TO BE BORNE BY THE OWNER.
- 8 IF FAULTY CONSTRUCTION PROCEDURES OR MATERIAL RESULT IN DEFECTIVE WORK THAT REQUIRES ADDITIONAL ENGINEERING TIME TO DEVISE CORRECTIVE MEASURES, PROFESSIONAL FEES MAY BE CHARGED TO THE CONTRACTOR AT THE STANDARD HOURLY RATE OF ADDITIONAL SERVICES. SUCH FEES MAY BE WITHHELD FROM THE GENERAL CONTRACTOR'S PAYMENT.
- 9 ONE BLACKLINE PRINT OF ALL ERECTION AND DETAIL SHOP DRAWINGS INDICATING THE FABRICATOR, MANUFACTURER, FINISH LAYOUT AND ALL ACCESSORIES MUST BE SUBMITTED TO AND BE CHECKED BY THE CONTRACTOR AND SUBCONTRACTOR AND BEAR THE CHECKER'S INITIALS BEFORE SUBMISSION TO THE ARCHITECT FOR REVIEW PRIOR TO FABRICATION.
- 10 THESE DRAWINGS ARE SUPPLEMENTED BY A DETAILED TECHNICAL SPECIFICATION. THE NOTES SHOWN UNDER CERTAIN CATEGORIES OF WORK ARE INTENDED TO SUMMARIZE BASIC REQUIREMENTS.
- 11 WORK SHOWN AS "TYPICAL DETAILS" APPLY THROUGHOUT THE PROJECT AS REQUIRED. WORK SHOWN AS "SECTIONS" SHALL BE CONSIDERED TO APPLY FOR THE SAME AND SIMILAR CONDITIONS IN THE BUILDING.
- 12 SOME DETAILS OF THE WORK ARE SHOWN ON THE ARCHITECTURAL DRAWINGS. CAREFUL REVIEW AND STUDY OF THE DETAILS ARE NECESSARY BEFORE THE FULL SCOPE OF THE WORK CAN BE COMPREHENDED.
- 13 DO NOT SCALE THE DRAWINGS.

FOUNDATION NOTES

- 1 REFER TO DIVISION 31 OF THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS OF EARTHWORK MATERIAL AND BACKFILLING.
- 2 REFER TO THE PROJECT "STATEMENT OF SPECIAL INSPECTIONS" FOR REQUIRED FOUNDATION TESTING AND INSPECTIONS.
- 3 FOUNDATIONS HAVE BEEN DESIGNED BASED ON THE GEOTECHNICAL REQUIREMENTS STATED IN THE PROJECT GEOTECHNICAL REPORT. SEE PROJECT SPECIFICATIONS FOR REPORT.
- 4 ALL FOUNDATIONS SHALL BEAR ON INORGANIC UNDISTURBED SOILS AS DESCRIBED IN THE PROJECT GEOTECHNICAL REPORT OR ON COMPACTED STRUCTURAL FILL. ACCEPTABLE BEARING STRATA IS ANTICIPATED AT THE BOTTOM OF FOOTING ELEVATIONS NOTED ON PLAN AND SHALL BE INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO PLACING CONCRETE.
- 5 DO NOT PLACE CONCRETE ON FROZEN GROUND OR IN EXCAVATIONS CONTAINING FREE STANDING WATER. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL BEARING GRADES AND SURROUNDING SOILS PRIOR TO AND AFTER FOUNDATIONS HAVE BEEN POURED.
- 6 BACKFILL FOUNDATION WALLS IN SUCH A MANNER TO MAINTAIN EQUAL LEVELS OF FILL ON EACH SIDE OF WALL. FILL LEVELS MAY VARY UP TO 1'-0" ON EITHER SIDE AT ANY ONE TIME.
- 7 CONCRETE SLABS AT THE TOP AND BOTTOM OF BASEMENT WALLS ARE ASSUMED TO BRACE THE WALLS. DO NOT BACKFILL BASEMENT WALLS UNTIL THESE SLABS HAVE BEEN POURED AND ACHIEVE THEIR SPECIFIED 28-DAY COMPRESSIVE STRENGTH.
- 8 LOCATE EXISTING UNDERGROUND UTILITIES IN AREAS OF EXCAVATION WORK. PROVIDE ADEQUATE MEANS OF SUPPORT AND PROTECTION DURING EARTHWORK OPERATIONS.
- 9 WHERE FOOTINGS ARE IN CLOSE PROXIMITY OF SUB-SURFACE PIPING, BOTTOM OF FOOTINGS SHALL BE AT LEAST 8-INCHES BELOW ELEVATION OF PIPING UNLESS OTHERWISE SHOWN ON THE CONTRACT DRAWINGS.
- 10 COMPLY WITH ALL OSHA STANDARDS AND REGULATIONS WHEN EXCAVATING FOR FOUNDATIONS.
- 11 PLACE CONCRETE PIERS AND WALLS MONOLITHICALLY WITH WALL REINFORCING EXTENDING THROUGH PIER.

CONCRETE NOTES

CONCRETE NOTES

- 12 DEFLECTION OF STEEL FRAMED FLOORS WILL OCCUR DURING PLACEMENT OF CONCRETE FLOOR SLABS. PROVIDE ADDITIONAL CONCRETE AS REQUIRED TO FINISH SLABS WITHIN THE SPECIFIED TOLERANCES SET FORTH IN THE PROJECT SPECIFICATIONS. ALLOW FOR AN AVERAGE OF 1/2-INCH OF ADDITIONAL CONCRETE AT EACH FLOOR SLAB POUR.
- 13 SAN CUT CONTROL JOINTS FOR SLABS ON GRADE WHEN CUTTING ACTION WILL NOT TEAR, ABRADE OR OTHERWISE DAMAGE THE SURFACE OF THE CONCRETE WITH AN EARLY-ENTRY DRY-CUT SAW EQUIPPED WITH DIAMOND-RIMMED BLADES. START CUTTING WITHIN 4-HOURS OF FINISHING CONCRETE AND COMPLETE CUTTING WITHIN 12-HOURS OF FINISHING CONCRETE. JOINTS SHALL BE CUT IN PATTERN SHOWN ON PLAN.
- 14 A REPRESENTATIVE FROM THE FIBER REINFORCING MANUFACTURER SHALL BE PRESENT AT THE PRE-POUR MEETING TO ADVISE ON PLACING AND FINISHING TECHNIQUES OF CONCRETE CONTAINING FIBER REINFORCING.

STRUCTURAL STEEL NOTES

- 1 REFER TO DIVISION 05 OF THE PROJECT SPECIFICATIONS FOR ADDITIONAL STRUCTURAL STEEL REQUIREMENTS.
- 2 REFER TO THE PROJECT "STATEMENT OF SPECIAL INSPECTIONS" FOR REQUIRED STRUCTURAL STEEL TESTING AND INSPECTIONS.
- 3 DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF THE AISC 360 - "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS".
- 4 ALL WELDING SHALL CONFORM TO THE AMERICAN WELDING SOCIETY'S AWS D11 - "STRUCTURAL WELDING CODE-STEEL" FOR ARC AND GAS WELDING. WELDS SHALL BE PERFORMED BY A CERTIFIED WELDER IN ACCORDANCE WITH AWS STANDARDS.
- 5 WHERE SLOTTED HOLE CONNECTIONS ARE SHOWN TO ALLOW FOR PERMANENT DIFFERENTIAL MOVEMENT BETWEEN TWO MEMBERS, NUTS SHALL BE FASTENED SNUG TIGHT THEN UNTIGHTENED BY ONE-HALF TURN. PEEN THREADS TO PREVENT FURTHER LOOSENING OF THE NUT. THIS IS NOT REQUIRED AT SLOTTED HOLE CONNECTIONS THAT ARE TO BE FIELD WELDED AFTER ADJUSTMENT.
- 6 PROVIDE NUMBER OF BOLTS REQUIRED TO SATISFY LOAD REQUIREMENTS SET FORTH IN THE PROJECT SPECIFICATIONS WITH A MINIMUM OF 2-BOLTS AT EACH CONNECTION UNLESS SHOWN OTHERWISE ON THE CONTRACT DRAWINGS.
- 7 REFER TO ARCHITECTURAL DRAWINGS FOR STRUCTURAL STEEL FIRE RATINGS AND PROTECTION. COORDINATE STRUCTURAL STEEL SURFACE PREPARATION AND PRIMER WITH FIRE RATING REQUIREMENTS.
- 8 DO NOT FIELD ALTER OR FIELD CUT OPENINGS IN STRUCTURAL STEEL WITHOUT WRITTEN APPROVAL FROM ENGINEER. ALL OPENINGS IN STRUCTURAL STEEL MUST BE INDICATED ON STEEL SHOP DRAWINGS PRIOR TO FABRICATION.
- 9 PACK COLUMN AND BEAM BASE PLATES WITH NON-SHRINK GROUT AFTER BUILDING HAS BEEN ERECTED AND PLUMBED TO WITHIN AISC TOLERANCES AND BEFORE POURING OF ANY CONCRETE FLOORS.
- 10 COMPLY WITH ALL OSHA STANDARDS AND REGULATIONS WHEN ERECTING STRUCTURAL STEEL.
- 11 BEAMS SHALL BE EQUALLY SPACED BETWEEN GRID LINES UNLESS NOTED OTHERWISE ON FRAMING PLANS.

STEEL DECK NOTES

- 1 REFER TO DIVISION 05 OF THE PROJECT SPECIFICATIONS FOR ADDITIONAL STEEL DECK REQUIREMENTS.
- 2 REFER TO THE PROJECT "STATEMENT OF SPECIAL INSPECTIONS" FOR REQUIRED STEEL DECK TESTING AND INSPECTIONS.
- 3 STEEL DECK SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE STEEL DECK INSTITUTE SPECIFICATION.
- 4 SUPPLY STEEL DECK IN MINIMUM LENGTH AS REQUIRED TO PROVIDE A 3-SPAN CONDITION.
- 5 SUPPLY STEEL DECK WITH END CLOSURES, ROOF SIMPS, CLOSURES AT PENETRATIONS AND ALL OTHER ACCESSORIES NECESSARY TO COMPLETE INSTALLATION.
- 6 POINT LOADS THAT EXCEED 50 POUNDS SHALL NOT BE SUPPORTED DIRECTLY ON OR HUNG DIRECTLY FROM STEEL ROOF DECK. SUPPORT ALL DUCTWORK, PIPING AND OTHER MEP AND ARCHITECTURAL ITEMS DIRECTLY FROM STRUCTURAL STEEL OR SUPPLEMENTAL STEEL FRAMING AS REQUIRED. HANGING LOADS LESS THAN 50 POUNDS SHALL BE SPACED A MINIMUM OF 36-INCHES APART AND CONNECTED USING AN APPROPRIATE ANCHORING SYSTEM.
- 7 TOTAL AMOUNT OF LOADS HUNG FROM COMPOSITE METAL DECK FLOOR SLABS SHALL NOT EXCEED 400 POUNDS IN ANY 48-INCH WIDTH OF SLAB. SUPPORT LOADS EXCEEDING THIS AMOUNT DIRECTLY FROM STRUCTURAL STEEL OR SUPPLEMENTAL STEEL FRAMING.
- 8 COMPLY WITH ALL OSHA STANDARDS AND REGULATIONS WHEN ERECTING STEEL DECK.

STEEL JOIST NOTES

- 1 REFER TO DIVISION 05 OF THE PROJECT SPECIFICATIONS FOR ADDITIONAL STEEL JOIST REQUIREMENTS.
- 2 REFER TO THE PROJECT "STATEMENT OF SPECIAL INSPECTIONS" FOR REQUIRED STEEL JOIST TESTING AND INSPECTIONS.
- 3 OPEN WEB JOISTS SHALL BE DESIGNED, FABRICATED AND ERECTED IN ACCORDANCE WITH THE LATEST EDITION OF THE STEEL JOIST INSTITUTE SPECIFICATION.
- 4 JOISTS SHALL BE SUPPLIED WITH ALL ATTACHMENT DEVICES, BRIDGINGS AND SIMILAR ACCESSORIES REQUIRED FOR STRICT CONFORMANCE WITH THE STEEL JOIST INSTITUTE SPECIFICATIONS.
- 5 HORIZONTAL AND DIAGONAL JOIST BRIDGINGS SHALL BE SUPPLIED FOR ALL JOISTS. SIZE AND SPACING OF BRIDGINGS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE STEEL JOIST INSTITUTE SPECIFICATION.
- 6 HANGING AND SUPPORTED POINT LOADS ON STEEL JOISTS SHALL BE LOCATED AT JOIST PANEL POINTS UNLESS CHORD REINFORCING IS PROVIDED. DO NOT HANG LOADS GREATER THAN SHOWN ON THE CONTRACT DRAWINGS.
- 7 COMPLY WITH ALL OSHA STANDARDS AND REGULATIONS WHEN ERECTING STEEL JOISTS.
- 8 JOISTS SHALL BE EQUALLY SPACED BETWEEN GRID LINES UNLESS NOTED OTHERWISE ON FRAMING PLANS.

STRUCTURAL DESIGN CRITERIA

NOTE: ALL LOADS SHALL BE DETERMINED IN ACCORDANCE WITH THE '2020 BUILDING CODE OF NEW YORK STATE.'

TYPE	DESCRIPTION	DESIGN CRITERIA
ROOF LIVE LOAD	ROOF CONSTRUCTION LOAD	20 PSF
	RISK CATEGORY / IMPORTANCE FACTOR	II / 1.0
SNOW LOAD	GROUND SNOW LOAD	50 PSF
	SNOW EXPOSURE FACTOR	1.0
	THERMAL FACTOR	1.0 / 1.2
	FLAT ROOF SNOW LOAD	95 PSF / 42 PSF
	DRIFTING SNOW	PER ASCE 7 AS REQ'D
WIND LOAD (MNRS)	RISK CATEGORY	II
	BASIC WIND SPEED (3-SECOND GUST)	115 MPH
	WIND EXPOSURE CATEGORY	B
	INTERNAL PRESSURE COEFFICIENT	+/- 0.18
WIND LOAD (COMPONENT & GLADDING)	MAXIMUM WIND PRESSURE FOR WALLS (EFF. AREA = 10 FT ²)	PER ASCE 7
	MAXIMUM WIND PRESSURE FOR ROOFING (EFF. AREA = 10 FT ²)	PER ASCE 7
EARTHQUAKE LOAD	RISK CATEGORY / IMPORTANCE FACTOR	II / 1.0
	MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETER (S _s)	0.164g
	DESIGN SPECTRAL RESPONSE COEFFICIENT (S _{ds})	0.143g
	MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETER (S ₁)	0.045g
	DESIGN SPECTRAL RESPONSE COEFFICIENT (S _{d1})	0.045g
	SOIL SITE CLASSIFICATION	C (ASSUMED)
	SEISMIC DESIGN CATEGORY	A
	BASIC SEISMIC - FORCE RESISTING SYSTEM	
	RESPONSE MODIFICATION FACTOR (R)	
	SEISMIC RESPONSE COEFFICIENT (C _s)	N/A
	ANALYSIS PROCEDURE	
DESIGN SEISMIC BASE SHEAR		
RAIN LOAD	RAIN INTENSITY (I)	2.5 IN/HR

SPECIAL INSPECTION NOTES

- 1 REFER TO DIVISION 01 OF THE PROJECT SPECIFICATIONS FOR THE SCHEDULE OF SPECIAL INSPECTIONS AND ADDITIONAL SPECIAL INSPECTIONS REQUIREMENTS.
- 2 MATERIAL SPECIFICATION SECTIONS, THE SCHEDULE OF SPECIAL INSPECTIONS AND ALL ASSOCIATED NOTES DESCRIBE THE STRUCTURAL TESTING AND INSPECTIONS REQUIRED FOR THE PROJECT. COLLECTIVELY THEY SHALL BE CONSIDERED THE STATEMENT OF SPECIAL INSPECTIONS.
- 3 THE OWNER SHALL ENGAGE THE SERVICES OF A QUALIFIED SPECIAL INSPECTOR FOR THIS PROJECT (SIRACUSE ENGINEERS, PC) IS NOT THE SPECIAL INSPECTOR FOR THIS PROJECT UNLESS ENGAGED BY THE OWNER UNDER A SEPARATE CONTRACT.
- 4 THE CONTRACTOR SHALL HOLD A PRE-CONSTRUCTION MEETING PRIOR TO THE START OF CONSTRUCTION TO DISCUSS THE REQUIRED TESTING AND INSPECTION PROCEDURES FOR THIS PROJECT. THE MEETING SHALL ALSO DISCUSS NOTIFICATION AND REPORTING PROCEDURES.
- 5 THE CONTRACTOR SHALL NOTIFY THE SPECIAL INSPECTOR AND TESTING AGENCY AT LEAST 24 HOURS IN ADVANCE OF A REQUIRED INSPECTION OR TEST. UNINSPECTED WORK THAT REQUIRES INSPECTION OR TESTING MAY BE REJECTED SOLELY ON THAT BASIS.
- 6 THE SPECIAL INSPECTOR AND/OR TESTING AGENCY SHALL IMMEDIATELY NOTIFY THE CONTRACTOR OF DEFICIENT WORK THAT REQUIRES CORRECTIVE ACTION. INSPECTION REPORTS FOR THIS WORK SHALL NOTE WHEN AND HOW THE DEFICIENT WORK WAS CORRECTED. WORK IMMEDIATELY CORRECTED WITH SPECIAL INSPECTOR OR TESTING AGENCY PRESENT AND RE-INSPECTED OR TESTED NEED NOT BE IDENTIFIED AS NON-COMFORMING WORK.
- 7 DEFICIENT WORK, NOT IMMEDIATELY CORRECTED WHILE SPECIAL INSPECTOR OR TESTING AGENCY ARE ON SITE, SHALL BE REPORTED TO THE ENGINEER OF RECORD AND CODE ENFORCEMENT OFFICIAL WITHIN 24 HOURS. A REPORT OF NON-COMFORMANCE SHALL BE ISSUED FOR THIS WORK.
- 8 THE CONTRACTOR SHALL COOPERATE WITH THE SPECIAL INSPECTOR AND TESTING AGENCY INCLUDING SAFE ACCESS TO THE WORK AREAS SO THAT TESTING AND INSPECTIONS CAN BE PERFORMED IN A TIMELY MANNER OR UNDE DELAY TO THE PROJECT.
- 9 THE SPECIAL INSPECTIONS REQUIREMENTS OF THIS PROJECT IN NO WAY RELIEVE THE CONTRACTOR OF HIS/HER OBLIGATION TO PERFORM WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS OR FROM IMPLEMENTING AN EFFECTIVE QUALITY CONTROL PROGRAM.
- 10 EACH TESTING AGENCY SHALL SUBMIT, STAMP AND SIGN AN AGENT'S FINAL REPORT TO THE SPECIAL INSPECTOR FOR ATTACHMENT TO THE SPECIAL INSPECTOR'S FINAL REPORT. THE FINAL REPORT SHALL BE STAMPED AND SIGNED BY THE SPECIAL INSPECTOR AND SUBMITTED TO THE CODE ENFORCEMENT OFFICIAL AND OWNER PRIOR TO THE ISSUANCE OF A CERTIFICATE OF USE AND OCCUPANCY.

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SYMBOLS, ABBREVIATIONS, GENERAL NOTES & DESIGN CRITERIA

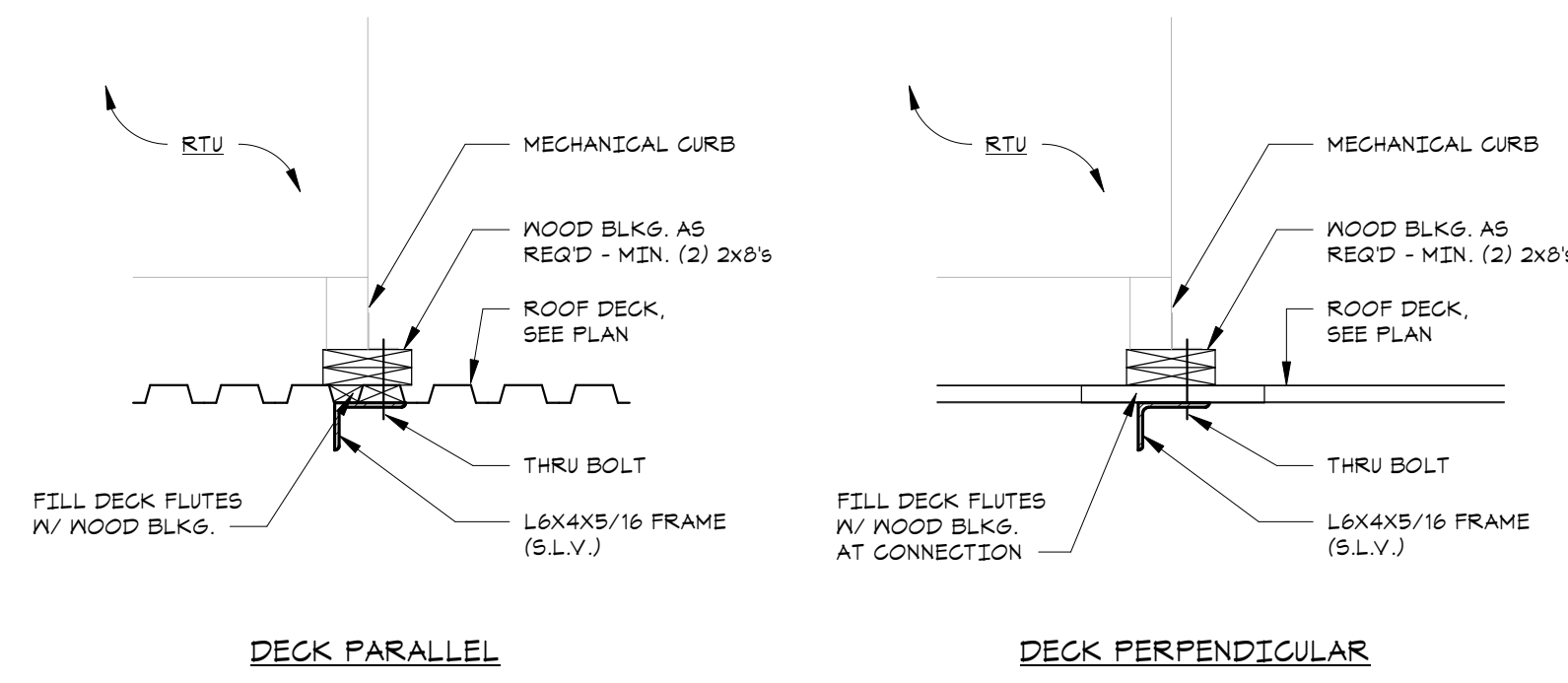
ERIE COUNTY HEALTH LAB CC RENOVATIONS - PHASE 3

AS NOTED

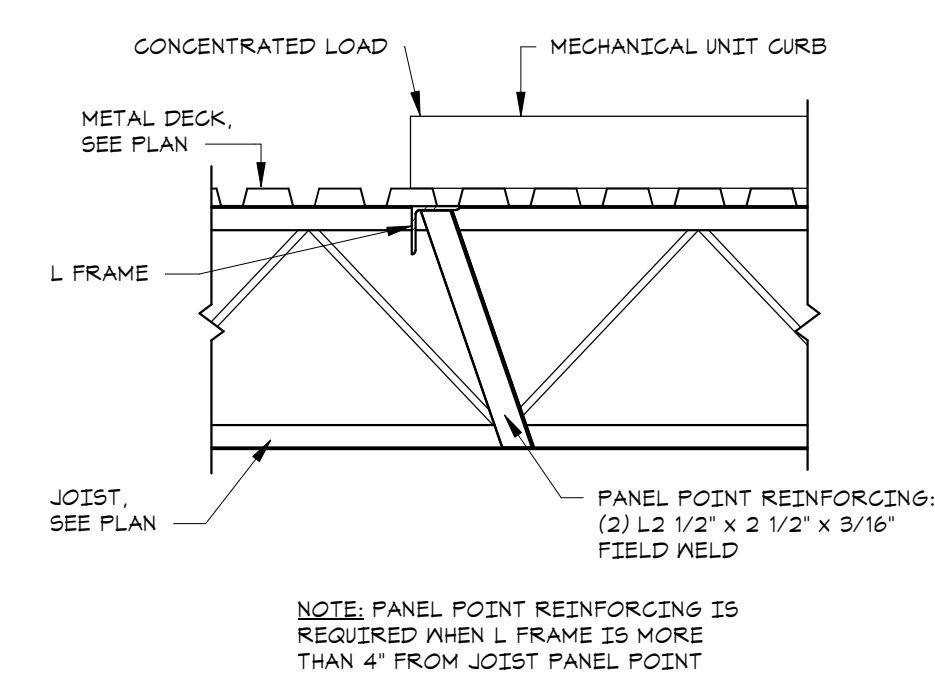
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Drawn By: CM Checked By: CM

Project: 2021-885-01

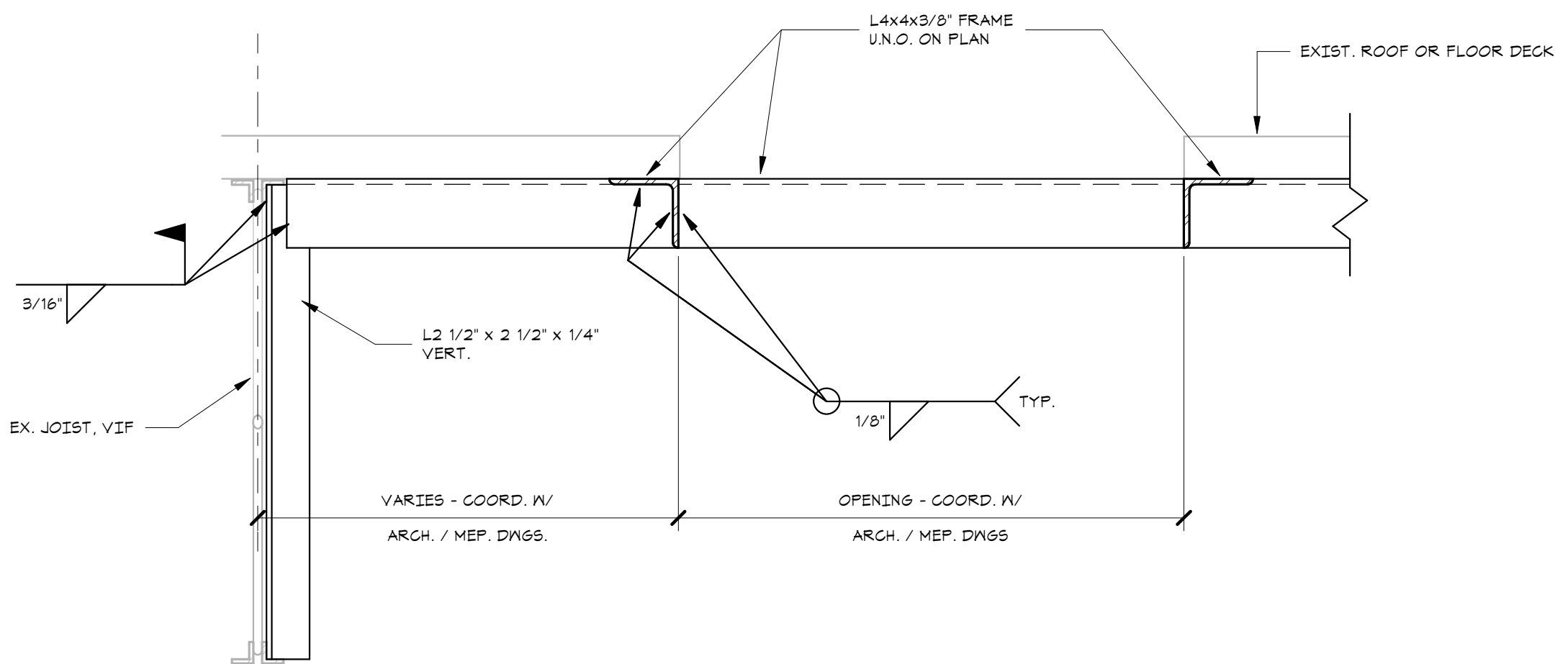
S001



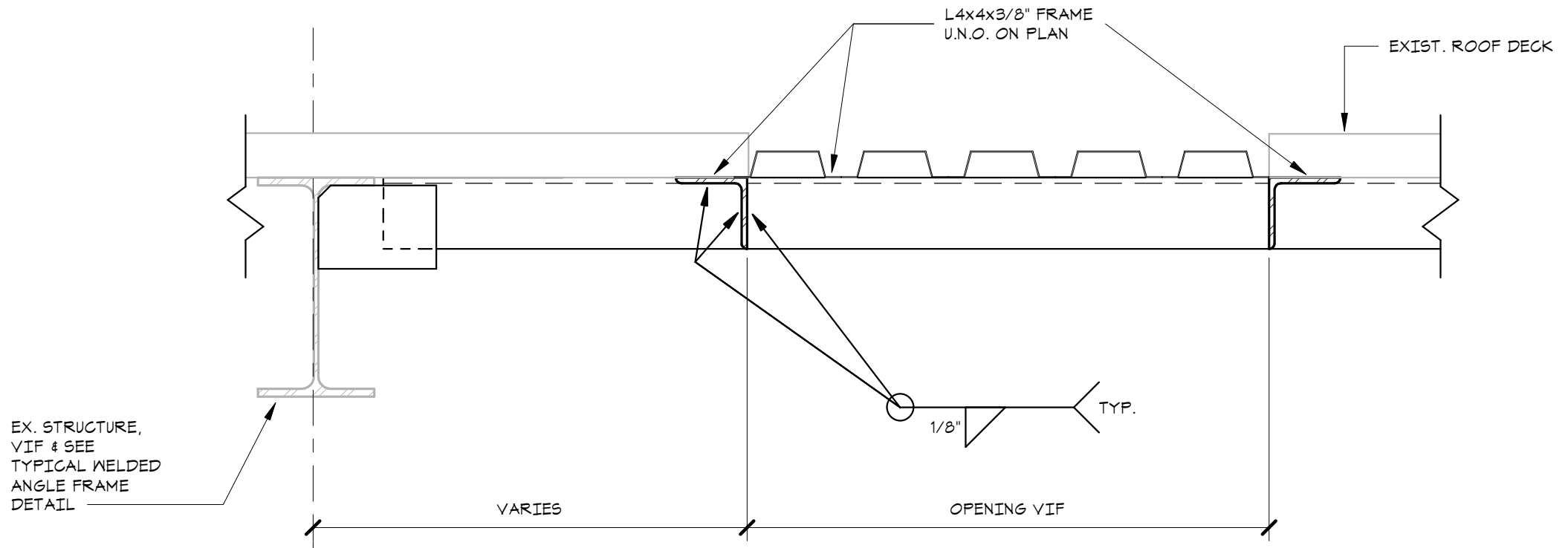
TYPICAL BLOCKING AT RTU FRAME DETAIL



TYPICAL JOIST REINFORCING @ MECHANICAL UNIT DETAIL



TYPICAL WELDED ANGLE FRAME DETAIL



- NOTES:
- USE 1 1/2", 20 GA. TYPE B, GALV. ROOF DECK.
 - MAX. DECK INFILL SPAN = 5'-0".
 - ATTACH DECK TO PERIMETER ANGLE WITH 5/8" PUDDLE WELDS @ 6" O.C.
 - REFER TO ARCH. DWGS. FOR ROOFING, FLASHING & INSULATION REQUIREMENTS.

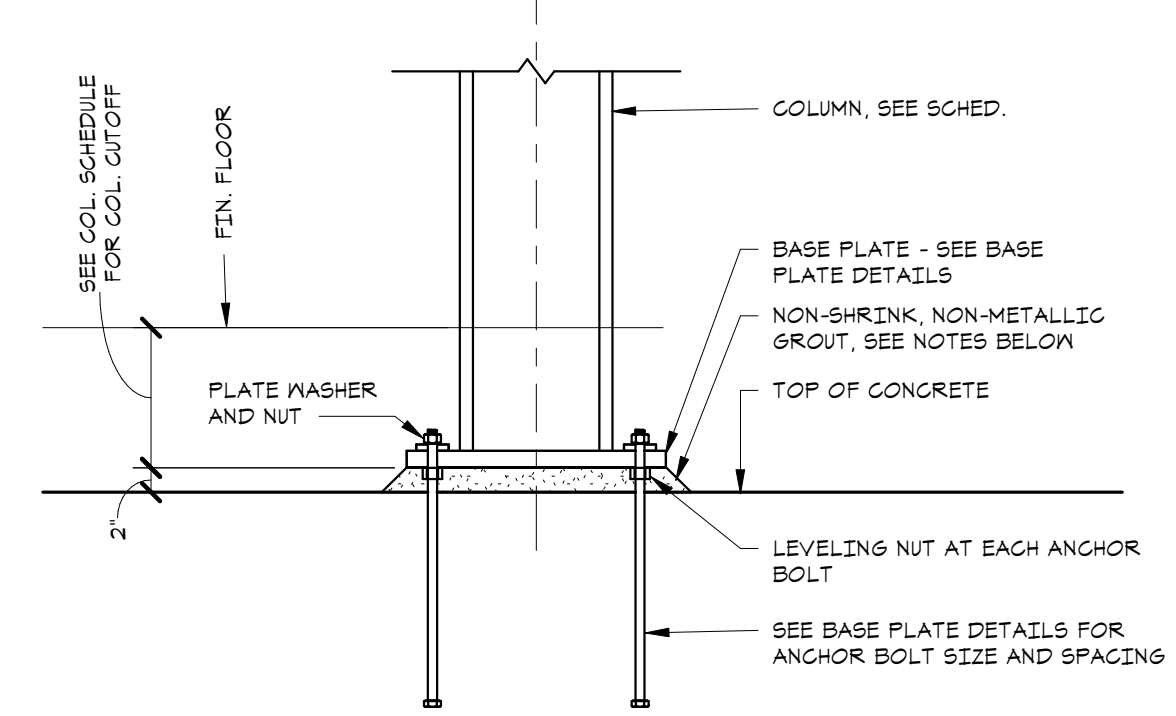
TYPICAL WELDED ANGLE FRAME AT DECK INFILL

INTERIOR LINTEL SCHEDULE		
SCHEDULE APPLIES TO ALL OPENINGS REQ'D IN NON-LOAD BEARING WALLS INCLUDING OPENINGS REQUIRED FOR MECHANICAL PENETRATIONS		
THICKNESS OF MASONRY WALL	CLEAR OPENING	SIZE OF LINTEL
4" MASONRY	UP TO 9'-0"	2L _s 3/8" x 4" x 3/8" x 3"
	9'-0" TO 12'-0"	2L _s 1/2" x 6" x 3/8" x 3"
6" MASONRY	UP TO 9'-0"	2L _s 3/8" x 6" x 3/8" x 3"
	9'-0" TO 12'-0"	2L _s 1/2" x 6" x 3/8" x 3"
8" MASONRY	UP TO 5'-0"	2L _s 4 x 3 1/2 x 5/16
	5'-0" TO 7'-6"	2L _s 5 x 3 1/2 x 5/16
	7'-6" TO 9'-0"	2L _s 6 x 3 1/2 x 5/16
10" MASONRY	UP TO 5'-0"	3L _s 4 x 3 x 5/16
	5'-0" TO 7'-6"	3L _s 5 x 3 x 5/16
	7'-6" TO 9'-0"	3L _s 6 x 3 x 5/16
12" MASONRY	UP TO 5'-0"	3L _s 4 x 3 1/2 x 5/16
	5'-0" TO 7'-6"	3L _s 5 x 3 1/2 x 5/16
	7'-6" TO 9'-0"	3L _s 6 x 3 1/2 x 5/16

LINTELS TO BEAR 8" MIN. AT EACH END.
 NOTE: LINTELS FOR OPENINGS EXCEEDING 6'-0" TO BE SHORED AT 1/3 POINTS FOR 12 HOURS AFTER SETTING MASONRY.

REINFORCING BAR EMBEDMENT / LAP SPLICE SCHEDULE												
BAR SIZE	CONCRETE COVER < 1 1/2"						CONCRETE COVER ≥ 1 1/2"					
	TOP BARS		OTHER BARS				TOP BARS		OTHER BARS			
	3,000 psi	4,000 psi	3,000 psi	4,000 psi	3,000 psi	4,000 psi	3,000 psi	4,000 psi	3,000 psi	4,000 psi		
	EMBED.	LAP	EMBED.	LAP	EMBED.	LAP	EMBED.	LAP	EMBED.	LAP	EMBED.	LAP
#3	18"	17"	12"	15"	12"	13"	12"	12"	13"	11"	12"	12"
#4	22"	28"	14"	24"	11"	22"	14"	17"	23"	15"	20"	13"
#5	32"	41"	28"	36"	24	32"	21"	28"	22"	19"	24"	17"
#6	43"	56"	37"	48"	33"	43"	24"	31"	26"	34"	22"	24"
#7	64"	90"	60"	78"	53"	64"	46"	60"	43"	55"	37"	48"
#8	86"	111"	74"	96"	66"	86"	57"	64"	54"	70"	47"	60"
#9	104"	135"	90"	117"	80"	104"	64"	90"	66"	86"	57"	74"
#10	125"	162"	108"	140"	96"	125"	83"	108"	81"	105"	70"	91"

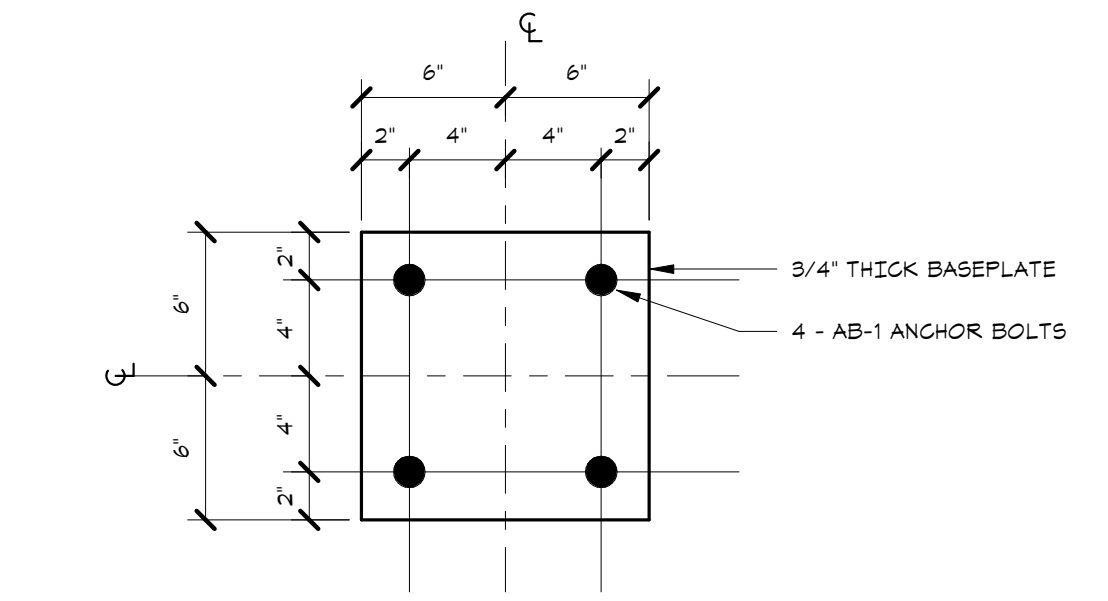
- NOTES:
- TOP BARS ARE THOSE WHICH ARE ORIENTED HORIZONTALLY AND HAVE MORE THAN 12" OF CONCRETE BELOW THE BAR.
 - EMBEDMENT AND LAP SPLICE LENGTHS SHOWN ARE APPLICABLE TO ASTM A615 GR. 60 REINFORCING BARS. FOR GR. 75 REINFORCING BARS, MULTIPLY LENGTHS BY 1.25.
 - TABULATED VALUES ARE BASED ON CONCRETE COVER CONTROLLING. FOR BARS WITH CENTER-TO-CENTER SPACING LESS THAN 100D (BAR DIAMETER) PLUS TWICE THE CONCRETE COVER, NOTIFY THE ENGINEER.
 - WHERE CONCRETE DEPTH PRECLUDES FULL EMBEDMENT, PROVIDE 90 DEGREE HOOK.
 - PROVIDE CONCRETE PROTECTION FOR REINFORCEMENT AS DESCRIBED IN ACI 318, CHAPTER 7.
 - TABULATED VALUES ARE BASED ON NORMAL WEIGHT AGGREGATE. FOR LIGHTWEIGHT AGGREGATE, MULTIPLY LENGTHS BY 1.35.



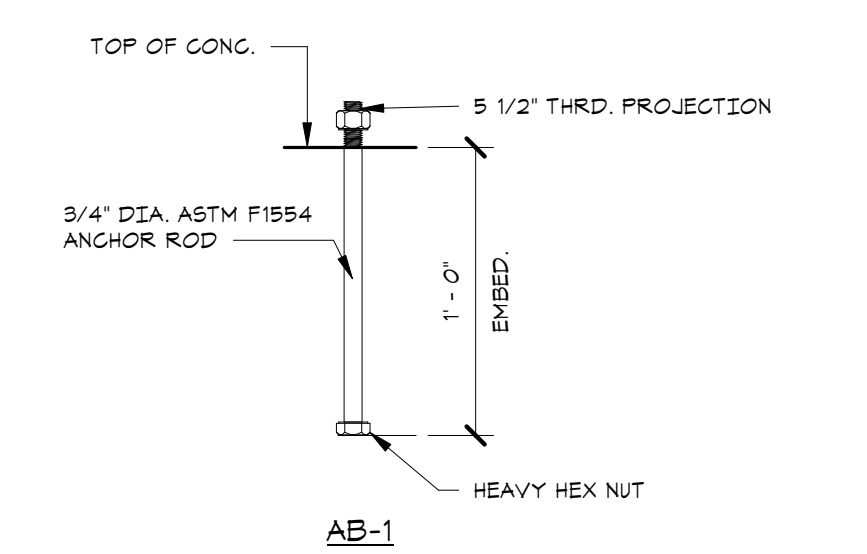
- SET COLUMN PLUMB - ADJUST LEVELING NUTS AS REQUIRED
- IF CLEARANCE IS INSUFFICIENT FOR ADJUSTMENT OF NUTS, SUPPORT BASEPLATE WITH STEEL SHIMS.
- DRY-PACK BELOW BASE PLATE WITH NON-SHRINK, NON-METALLIC GROUT

TYPICAL COLUMN BASE DETAIL

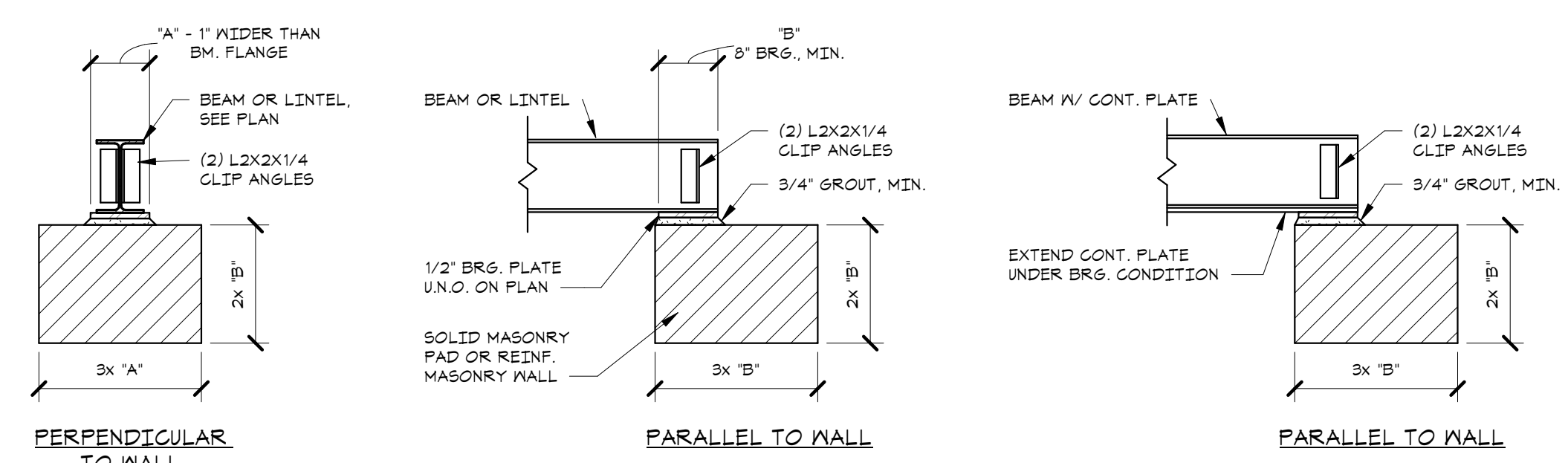
ANCHOR BOLT HOLE & WASHER SIZE SCHEDULE		
ANCHOR BOLT SIZE	MAX. BASEPLATE HOLE SIZE	MIN. WASHER SIZE
3/4" DIA.	1 5/16" DIA.	2" DIA. x 1/4"
7/8" DIA.	1 9/16" DIA.	2 1/2" DIA. x 5/16"
1" DIA.	1 13/16" DIA.	3" DIA. x 3/8"
1 1/4" DIA.	2 1/16" DIA.	3" DIA. x 1/2"
1 1/2" DIA.	2 5/16" DIA.	3 1/2" DIA. x 1/2"
1 3/4" DIA.	2 3/4" DIA.	4 DIA. x 5/8"
2" DIA.	3 1/4" DIA.	5" DIA. x 3/4"
2 1/2" DIA.	3 3/4" DIA.	5 1/2" DIA. x 7/8"



BASE PLATE DETAIL



ANCHOR BOLT DETAIL



TYPICAL WALL BEARING DETAILS

TYPICAL DETAILS

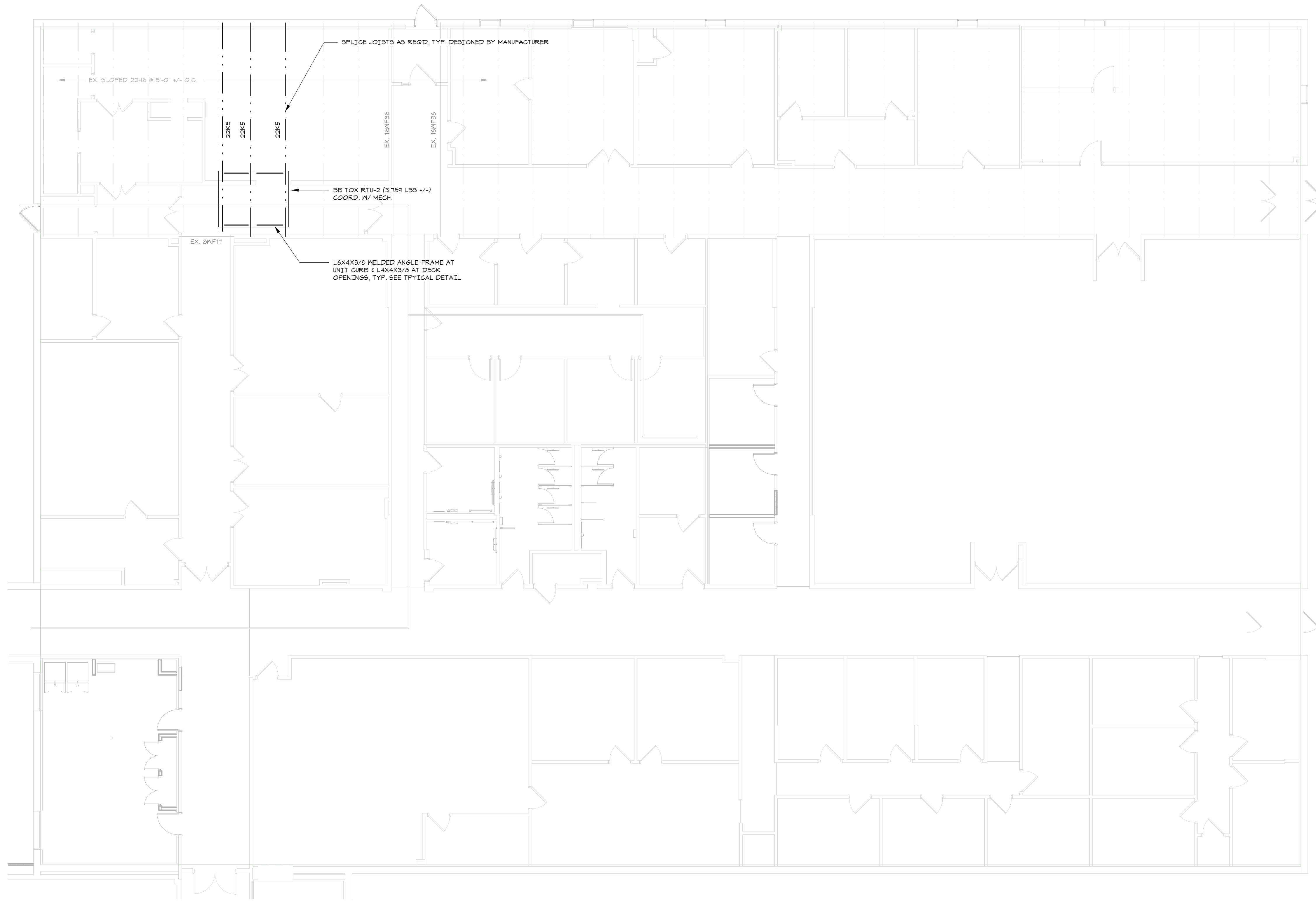
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Revision Number	Revision Date

AS NOTED
 Date: 01/24/2023
 Project Manager: SC
 Drawn By: CM
 Checked By:
 Project: 2021-885-01

Sheet: S002



1
S100
PARTIAL ROOF FRAMING PLAN - BB

NORTH

- SCALE: 1/8" = 1'-0"
- NOTES:
1. CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD. IMMEDIATELY NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND.
 2. EXISTING ROOF ELEVATIONS SHALL BE VERIFIED IN FIELD.
 3. TOP OF STEEL SHALL MATCH EXISTING TOP OF STEEL ELEVATION AND SLOPE. EXISTING TOP OF STEEL ELEVATIONS SHALL BE VERIFIED IN FIELD UNLESS NOTED OTHERWISE ON PLAN. INSTALL NEW MEMBERS TIGHT TO UNDERSIDE OF DECK. PROVIDE NON-SHRINK GROUT AS REQUIRED.
 4. COORDINATE RTU WEIGHTS AND DIMENSIONS WITH EQUIPMENT MANUFACTURER. IMMEDIATELY NOTIFY ENGINEER IF ACTUAL WEIGHTS ARE GREATER THAN WEIGHTS SHOWN ON 5 DRAWINGS.
 5. STEEL SHALL NOT BE FABRICATED UNTIL EXISTING FIELD CONDITIONS & DIMENSIONS ARE VERIFIED AND ALL EQUIPMENT SUPPLY, LOCATIONS & DIMENSIONS ARE COORDINATED WITH EQUIPMENT SUPPLIER.
 6. DO NOT SUPPORT MECHANICAL EQUIPMENT ON ROOF DECK.
 7. REFER TO ARCHITECTURAL & HVAC DRAWINGS DRAWINGS FOR ROOF OPENINGS & ROOF TOP EQUIPMENT LOCATIONS.
 8. REINFORCE JOISTS AT HVAC SUPPORT ANGLE FRAMES AS SHOWN ON TYPICAL JOIST REINFORCING @ MECHANICAL UNIT DETAIL.
 9. THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING, PROVIDING AND INSTALLING ALL TEMPORARY SHORING THAT IS REQUIRED DURING CONSTRUCTION. PROVIDE BRACING AND PROTECTION OF EXISTING CONSTRUCTION AS REQUIRED.
 10. CONTRACTOR MUST IDENTIFY ALL PIPING, CONDUIT, AND ADDITIONAL MEP ITEMS IN THE AREA OF WORK. REMOVE ALL ITEMS THAT INTERFERE WITH WORK. PROVIDE TEMPORARY SERVICE AS REQUIRED BY OWNER. REINSTATE AND RESUPPORT ALL ITEMS AS REQUIRED BY OWNER.
 11. SEE DRAWINGS S001 - S002 FOR GENERAL NOTES, SYMBOLS, ABBREVIATIONS & TYPICAL DETAILS TO BE INCORPORATED INTO THE WORK.

ROOF FRAMING PLAN

**ERIE COUNTY HEALTH LAB CC
RENOVATIONS - PHASE 3**



Revision Number	Revision Date

Scale: AS NOTED

Date: 01/24/2023	Project Manager: SC
Drawn By: CM	Checked By:
Project: 2021-885-01	

Sheet: **S100**

FoitaAlbert
ARCHITECTS

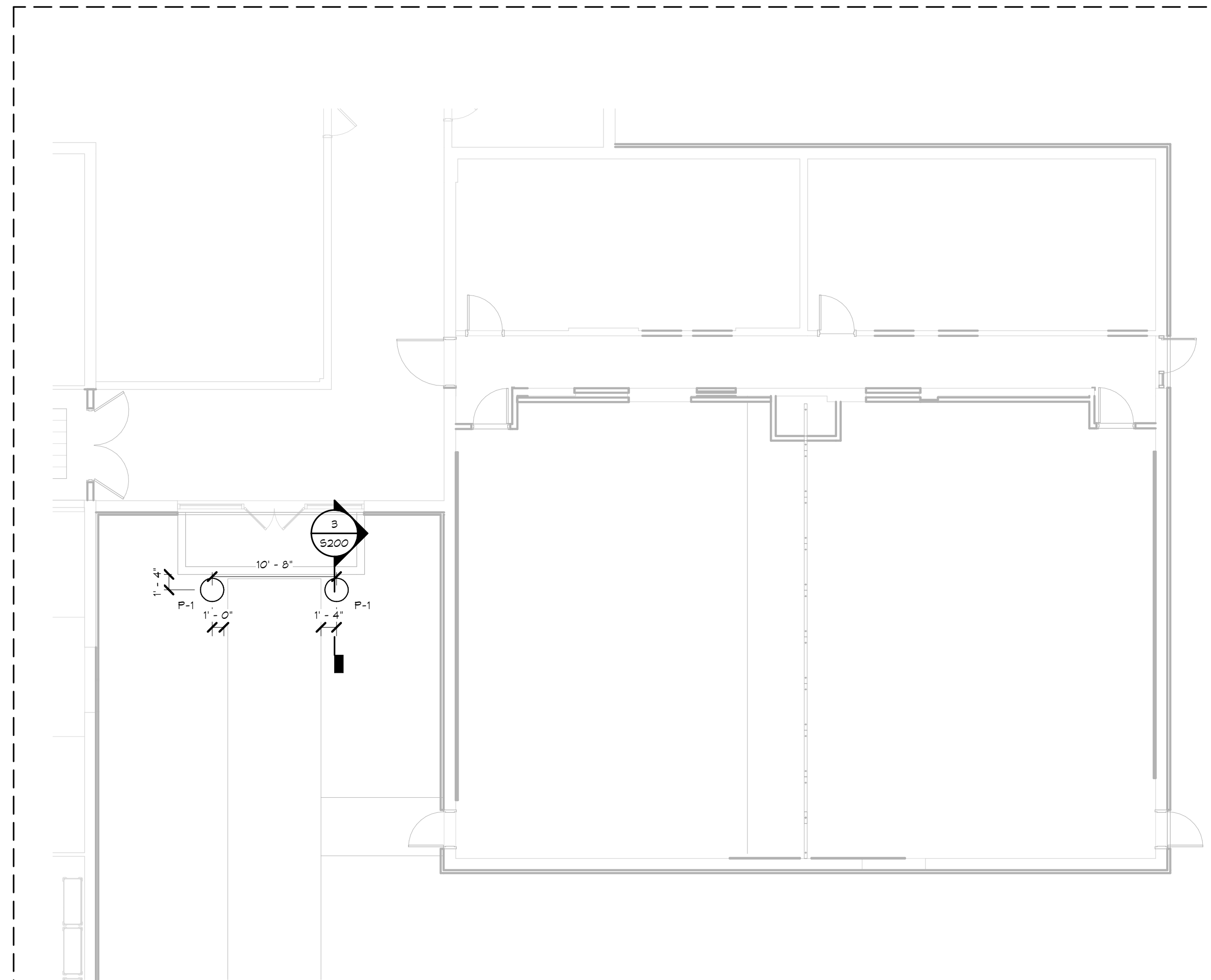
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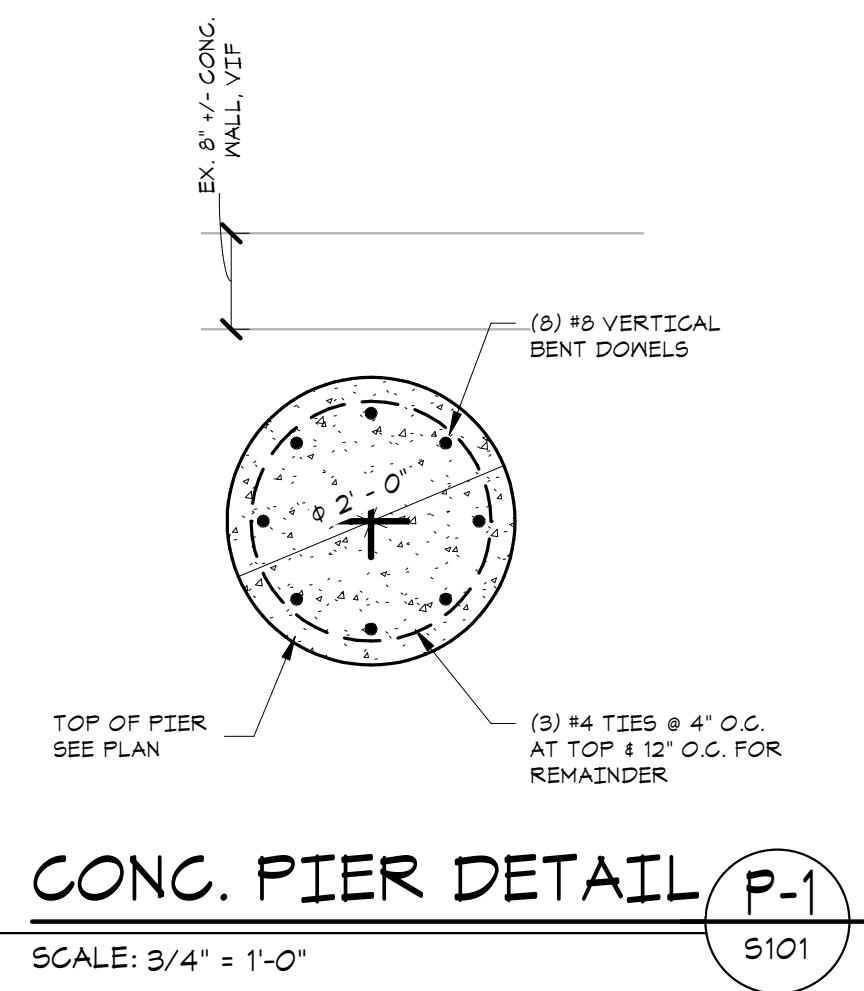
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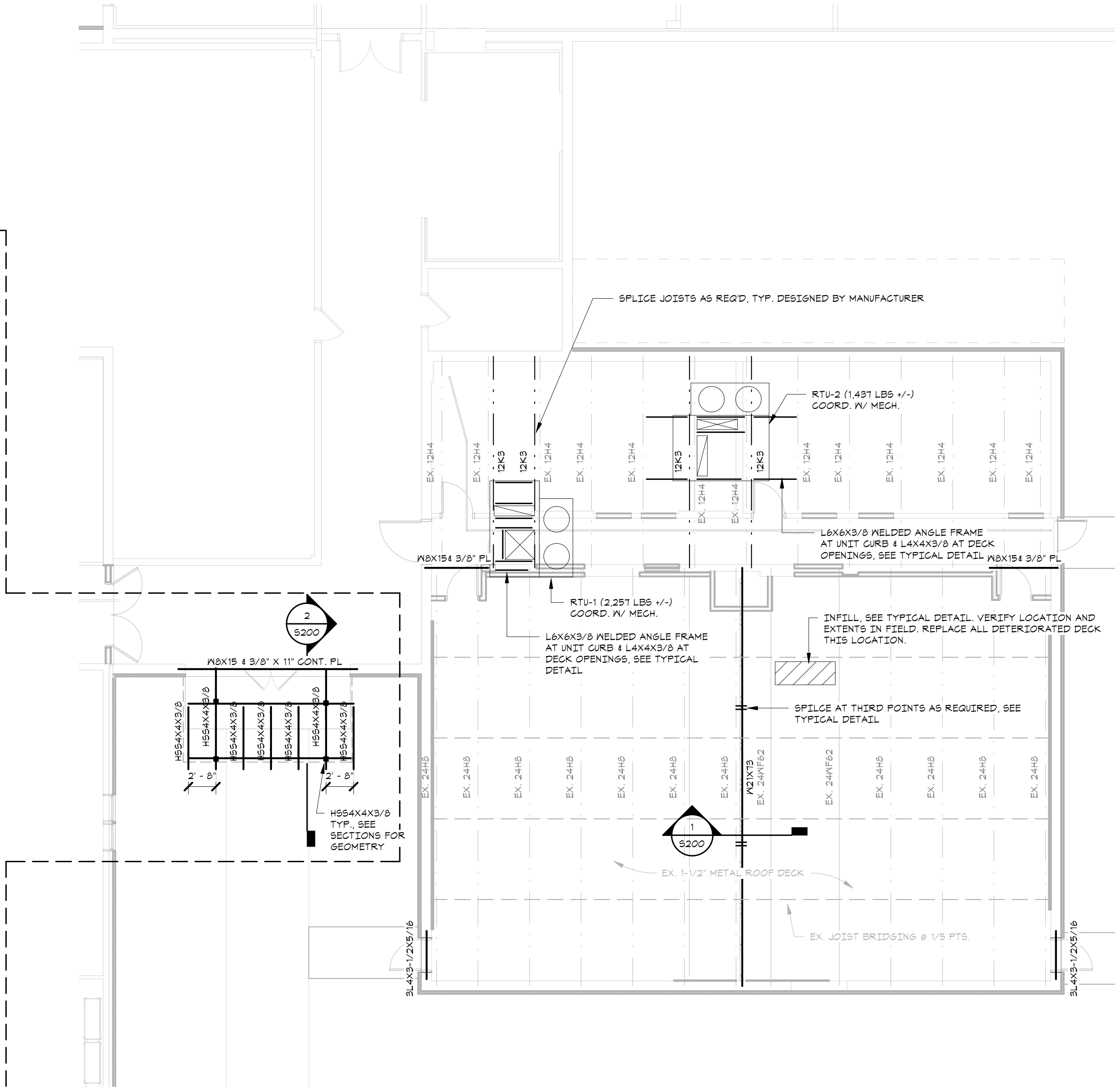


2 FOUNDATION PLAN - DD
 S101 SCALE: 1/8" = 1'-0" NORTH

- NOTES:
- CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD. IMMEDIATELY NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND.
 - EXIST. FINISH FLOOR ELEVATION SHALL BE 0'-0".
 - PIERS TO BEAR ON SOUND ROCK, APPROX. -2'-0" +/- BELOW GRADE. ELEVATION VARIES.
 - P-X DENOTES CONCRETE PIER. SEE PIER DETAILS FOR SIZE & REINFORCING.
 - TOP OF PIER ELEVATIONS TO BE -0'-8" FROM FINISH GROUND FLOOR ELEVATION UNLESS OTHERWISE NOTED ON PLAN.
 - SEE DRAWINGS S001 - S002 FOR GENERAL NOTES, SYMBOLS, ABBREVIATIONS & TYPICAL DETAILS TO BE INCORPORATED INTO THE WORK.



ALTERNATE

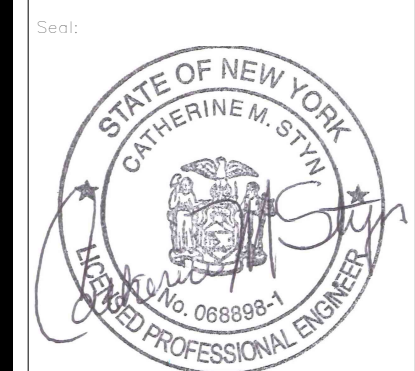


1 ROOF FRAMING PLAN - DD
 S101 SCALE: 1/8" = 1'-0" NORTH

- NOTES:
- CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD. IMMEDIATELY NOTIFY ARCHITECT OF ANY DISCREPANCIES FOUND.
 - EXISTING ROOF ELEVATIONS SHALL BE VERIFIED IN FIELD.
 - TOP OF STEEL SHALL MATCH EXISTING TOP OF STEEL ELEVATION AND SLOPE. EXISTING TOP OF STEEL ELEVATIONS SHALL BE VERIFIED IN FIELD, UNLESS NOTED OTHERWISE ON PLAN. INSTALL NEW MEMBERS TIGHT TO UNDERSIDE OF DECK, PROVIDE NON-SHRINK GROUT AS REQUIRED.
 - COORDINATE RTU WEIGHTS AND DIMENSIONS WITH EQUIPMENT MANUFACTURER. IMMEDIATELY NOTIFY ENGINEER IF ACTUAL WEIGHTS ARE GREATER THAN WEIGHTS SHOWN ON S DRAWINGS.
 - STEEL SHALL NOT BE FABRICATED UNTIL EXISTING FIELD CONDITIONS & DIMENSIONS ARE VERIFIED AND ALL EQUIPMENT SUPPLY, LOCATIONS & DIMENSIONS ARE COORDINATED WITH EQUIPMENT SUPPLIER.
 - DO NOT SUPPORT MECHANICAL EQUIPMENT ON ROOF DECK.
 - REFER TO ARCHITECTURAL & HVAC DRAWINGS DRAWINGS FOR ROOF OPENINGS & ROOF TOP EQUIPMENT LOCATIONS.
 - REINFORCE JOISTS AT HVAC SUPPORT ANGLE FRAMES AS SHOWN ON TYPICAL JOIST REINFORCING @ MECHANICAL UNIT DETAIL.
 - THE CONTRACTOR IS RESPONSIBLE FOR DESIGNING, PROVIDING AND INSTALLING ALL TEMPORARY SHORING THAT IS REQUIRED DURING CONSTRUCTION. PROVIDE BRACING AND PROTECTION OF EXISTING CONSTRUCTION AS REQUIRED.
 - CONTRACTOR MUST IDENTIFY ALL PIPING, CONDUIT, AND ADDITIONAL MEP ITEMS IN THE AREA OF WORK. REMOVE ALL ITEMS THAT INTERFERE WITH WORK. PROVIDE TEMPORARY SERVICE AS REQUIRED BY OWNER. REINSTATE AND RESUPPORT ALL ITEMS AS REQUIRED BY OWNER.
 - SEE DRAWINGS S001 - S002 FOR GENERAL NOTES, SYMBOLS, ABBREVIATIONS & TYPICAL DETAILS TO BE INCORPORATED INTO THE WORK.
 - TOP OF STEEL ELEVATION AT CANOPY SHALL BE NOTED 'XX'-X" FROM FINISH FIRST FLOOR ELEVATION, 0'-0".
 - DECK SPAN DIRECTION INDICATED ON PLAN, SEE DRAWING S001 FOR SYMBOLS.
 - REFER TO ARCHITECTURAL DRAWINGS FOR CANOPY ROOF CONSTRUCTION.

FOUNDATION & ROOF FRAMING PLAN

**ERIE COUNTY HEALTH LAB CC
 RENOVATIONS - PHASE 3**



Revision Number	Revision Date

Scale: AS NOTED

Date: 01/24/2023	Project Manager: SC
Drawn By: CM	Checked By:

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S101

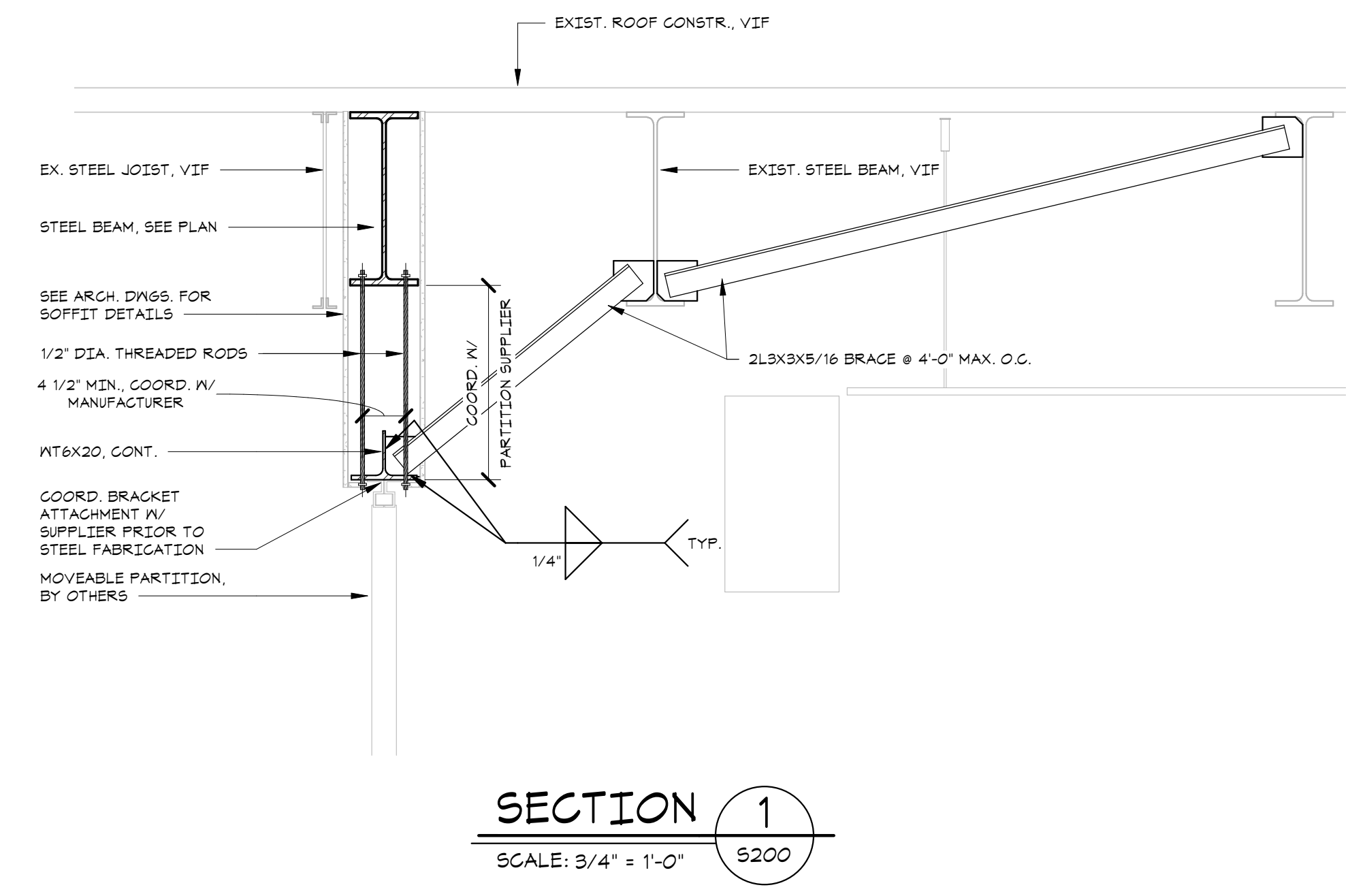
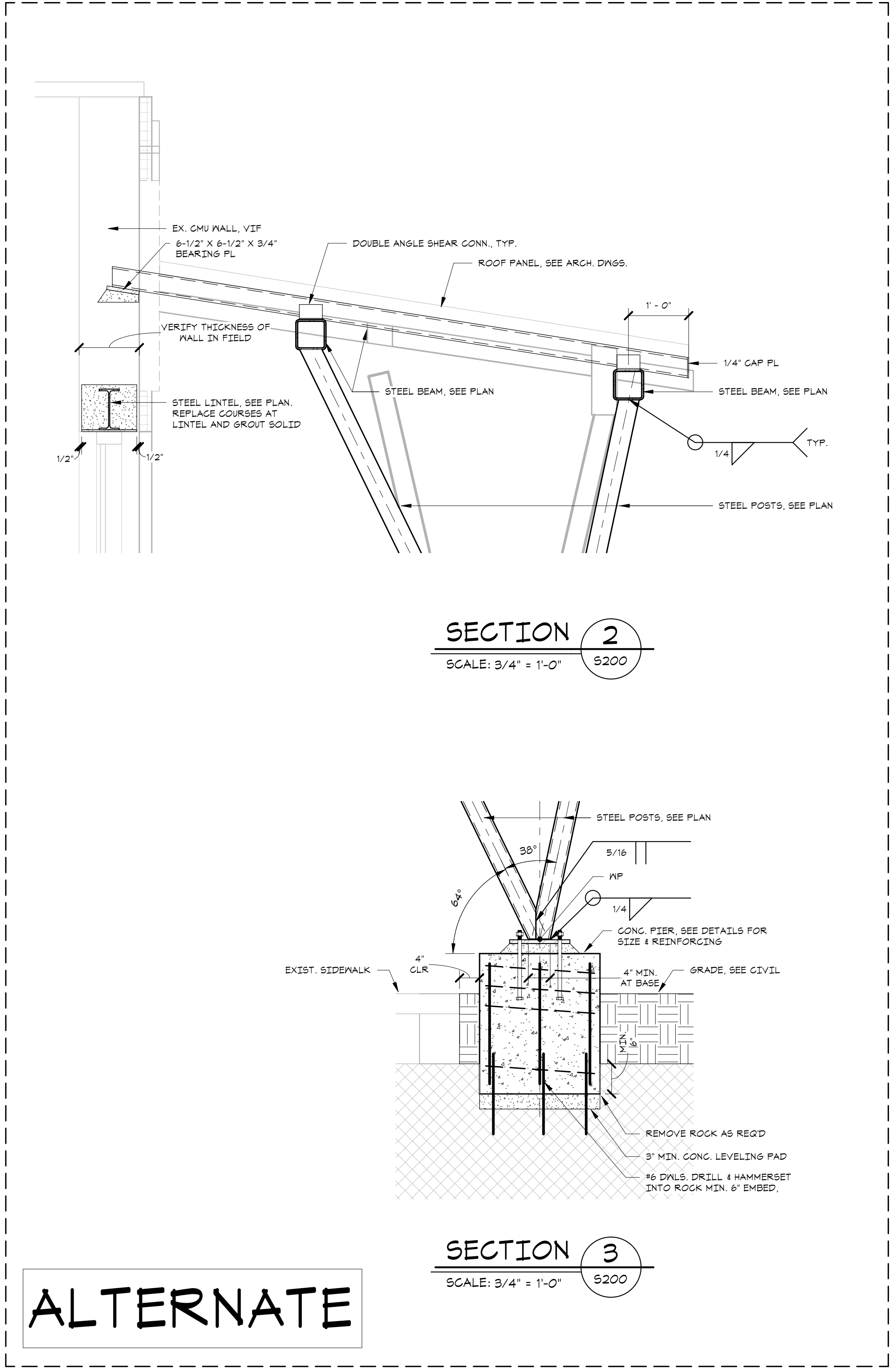
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SECTIONS

**ERIE COUNTY HEALTH LAB CC
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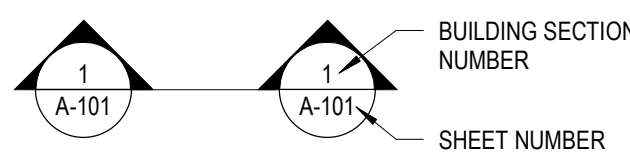
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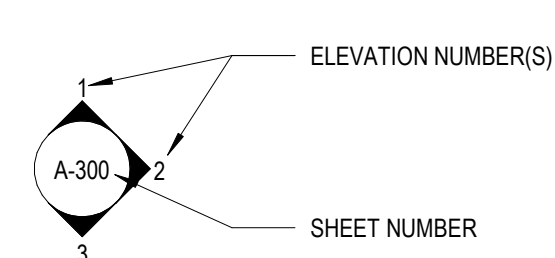
STANDARD SYMBOL LEGEND

REFERENCE INDIVIDUAL SHEET LEGENDS FOR THOSE SYMBOLS NOT COVERED BY THIS GENERAL LEGEND

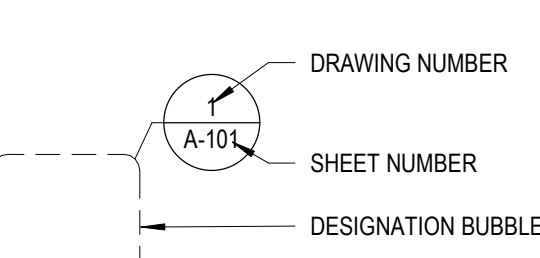
SECTION IDENTIFICATION



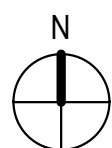
ELEVATION IDENTIFICATION



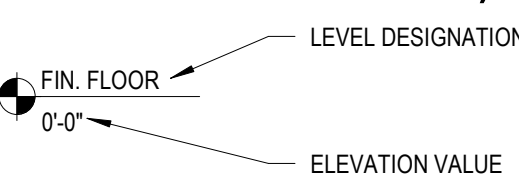
CALLOUT IDENTIFICATION



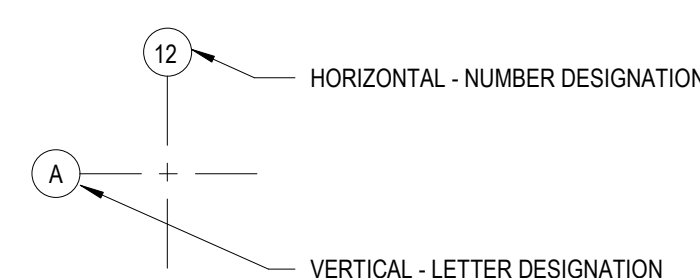
STANDARD NORTH ARROW



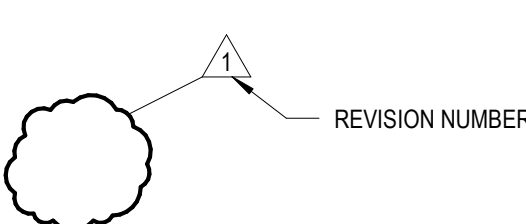
ELEVATION NOTATION (SECTION AND ELEVATION VIEWS)



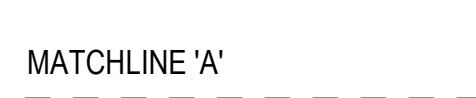
STRUCTURAL GRID



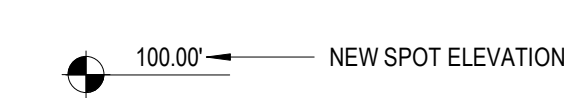
DRAWING REVISION



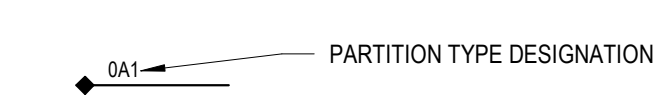
STANDARD MATCHLINE



SPOT ELEVATION SITE IDENTIFICATION



PARTITION TYPE IDENTIFICATION



DOOR IDENTIFICATION



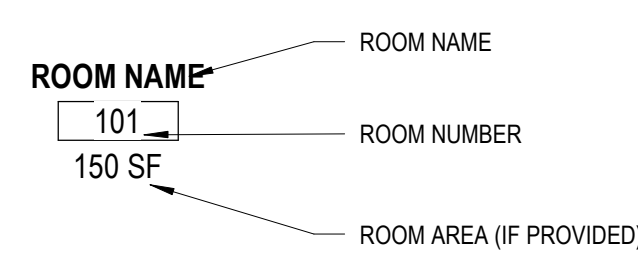
WINDOW IDENTIFICATION



EQUIPMENT IDENTIFICATION

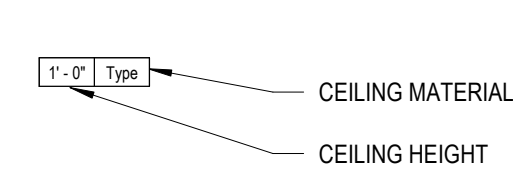


ROOM IDENTIFICATION

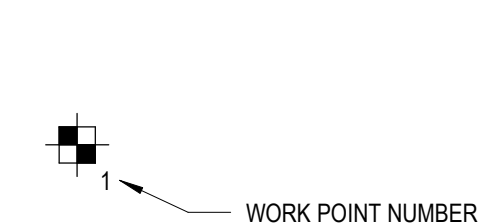


REFLECTED CEILING PLAN IDENTIFICATION

NOTE: USE STANDARD ROOM TAG FOR ROOM NAME AND NUMBER



WORK POINT IDENTIFICATION



STANDARD ABBREVIATIONS

A.F.F.	ABOVE FINISHED FLOOR	L.L.V.	LONG LEG VERTICAL
AB	ANCHOR BOLT	LF	LINEAL FEET
ADJ.	ADJUSTABLE	LT. WT.	LIGHT WEIGHT
ALT.	ALTERNATE	LL	LIVE LOAD
APPROX.	APPROXIMATE	LL.H.	LONG LEG HORIZONTAL
ARCHL	ARCHITECTURAL	MAS	MASONRY
B.P.	BEAM POCKET	MAX.	MAXIMUM
B.PL.	BEARING PLATE	MECH	MECHANICAL
BLK.	BLOCK (ING)	MIN.	MINIMUM
BD.	BOARD	M.O.	MASONRY OPENING
BRG.	BEARING	M.R.	MOISTURE RESISTANT
B.S.	BOTH SIDES	MEP	MECHANICAL, ELECTRICAL AND PLUMBING
B.W.	BOTH WAYS	MMR	MOLD AND MOISTURE RESISTANT
BOT.	BOTTOM	MET	METAL
BLDG.	BUILDING	MTL	METAL
C*	COLUMN MARK	N.I.C.	NOT IN CONTRACT
CIP	CAST-IN-PLACE CONCRETE	NO.	NUMBER
CLNG	CEILING	NOM.	NOMINAL
CL	CENTERLINE	N.T.S.	NOT TO SCALE
CLR	CLEAR	O.C.	ON CENTER
CMU	CONCRETE MASONRY UNIT	O.D.	OUTER DIAMETER
COL	COLUMN	OH	OPPOSITE HAND
CONC	CONCRETE	OPP.	OPPOSITE
CONN	CONNECTION	PART. BD	PARTICLE BOARD
CONT.	CONTINUOUS	PARTN	PARTITION
CR	CARD READER	PC	PIER CAP (STRUCTURAL)
C.J.	CONTROL JOINT	PC	POINT OF CURVE
C.T.	CERAMIC TILE	PDF	POWER DRIVEN FASTENERS
D.F.	DRINKING FOUNTAIN	PL	PLATE (STRUCTURAL)
DBA	DEFORMED BAR ANCHORS	PL	PROPERTY LINE
DBL	DOUBLE	P.LAM.	PLASTIC LAMINATE
DIA	DIAMETER	P.L.F.	POUNDS PER LINEAL FOOT
DIM	DIMENSION	PLYWD	PLYWOOD
D.L.	DEAD LOAD	PREFAB	PREFABRICATED
DWG	DRAWING	P.S.F.	POUNDS PER SQUARE FOOT
E.C.	EPOXY COATED	P.S.I.	POUNDS PER SQUARE INCH
E.F.	EACH FACE	P.T.	PRESSURE TREATED
E.F.F.	ELEVATION FINISHED FLOOR	R	RADIUS
EIFS	EXTERIOR INSULATION FINISH SYSTEM	RTU	ROOF TOP UNIT
E.J.	EXPANSION JOINT	REIN	REINFORCED (ING) (MENT)
ELEV	ELEVATION	REQ'D	REQUIRED
ENCL	ENCLOSE (URE)	REV	REVISION, REVISED
EP	ELECTRIC PANEL	RM.	ROOM
EQ	EQUIPMENT	SECT	SECTION
E.R.D.	EXISTING ROOF DRAIN	SERV	SERVICES
E.W.	EACH WAY	SHT	SHEET
EXIST.	EXISTING	SIM	SIMILAR
F#	FOOTING MARK	S.L.	SNOW LOAD
FD	FLOOR DRAIN	S.O.G.	SLAB-ON-GRADE
FDN	FOUNDATION	SPEC	SPECIFICATION
F.E.C.	FIRE EXTINGUISHER CABINET	SQ.	SQUARE
FE	FIRE EXTINGUISHER	SS	STAINLESS STEEL
F.F.F.	FINISHED FIRST FLOOR	STL	STEEL
F.F.	FINISHED FLOOR	SUSP	SUSPENDED
F.G.	FINISHED GRADE	T	TOP
FIN.	FINISH (ED)	TB	TACK BOARD
F.C.S.	FINISHED CONCRETE SLAB	TC	TOP OF CURB
F.O.M.	FACE OF MASONRY	T/C/CONC	TOP OF CONCRETE
FRP	FIBERGLASS REINFORCED PANEL	TDP	TOP OF DRILLED PIER
F.S.F.	FINISHED SECOND FLOOR	TEMP	TEMPORARY
F.S.	FIRE SHUTTER	T/FTG	TOP OF FOOTING (STRUCTURAL)
FT.	FOOT, FEET	T/FW	TOP OF FOUNDATION WALL (STRUCTURAL)
F.T.F.	FINISHED THIRD FLOOR	T.O.D.	TOP OF DECK
FTG	FOOTING	T.O.F.	TOP OF FOUNDATION
FRT	FIRE TREATED	T.O.L.	TOP OF STAIR LANDING
GA	GAUGE	T.O.M.	TOP OF MASONRY
GALV	GALVANIZED	T.O.P.	TOP OF PARAPET
GB	GRADE BEAM	T.O.S.	TOP OF STEEL
GC	GENERAL CONTRACTOR	T.O.W.	TOP OF WALL
GWB	GYPSUM WALL BOARD	TYP.	TYPICAL
GYP	GYPSUM	TW	TOP OF WALL (STRUCTURAL)
HORIZ	HORIZONTAL	U.O.N.	UNLESS NOTED
HT	HEIGHT	UTIL	UTILITIES
HM	HOLLOW METAL	W	WITH
IN	INCH (ES)	WD	WOOD
INSUL	INSULATE (D) (ION)	WWF	WELDED WIRE FABRIC
I.D.	INSIDE DIAMETER	V.B.	VAPOR BARRIER
INV.	INVERT	V.C.T.	VINYL COMPOSITION TILE
JAN CLOS	JANITOR'S CLOSET	VERT.	VERTICAL
JT	JOINT	V.I.F.	VERIFY IN FIELD

ARCHITECTURAL NOTES, SYMBOLS, & LEGENDS

**ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS-
PHASE 3**

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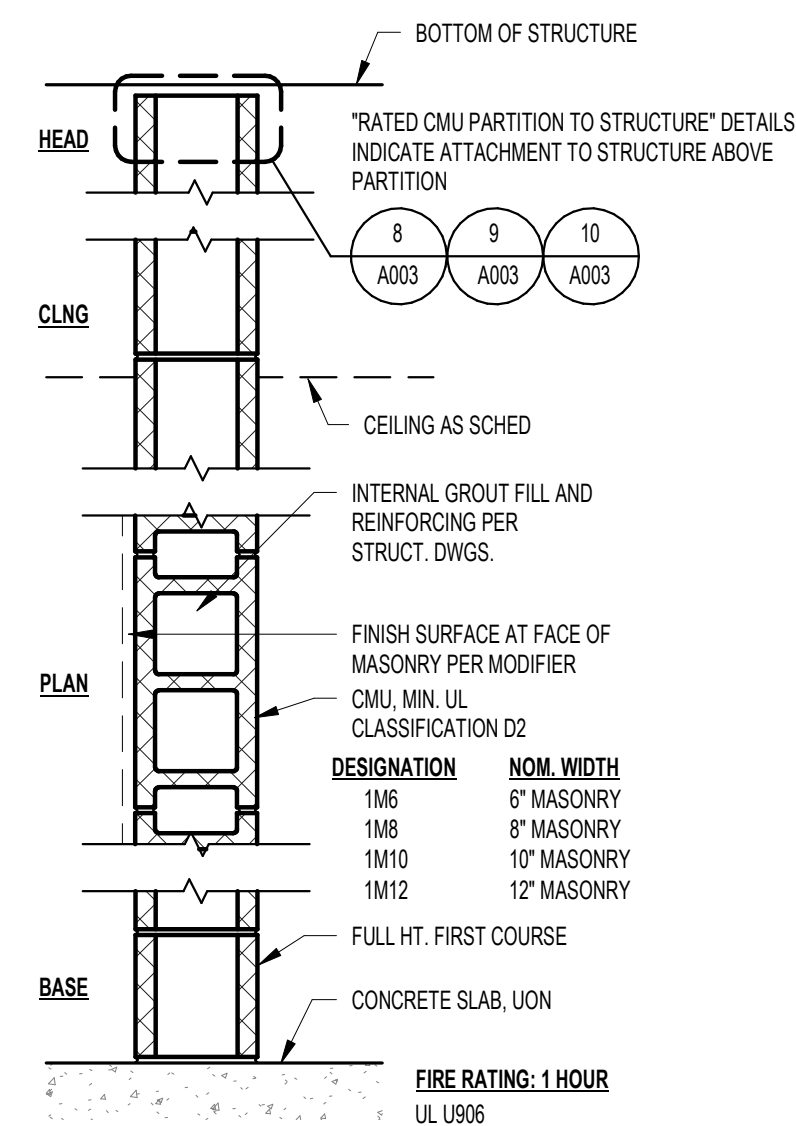
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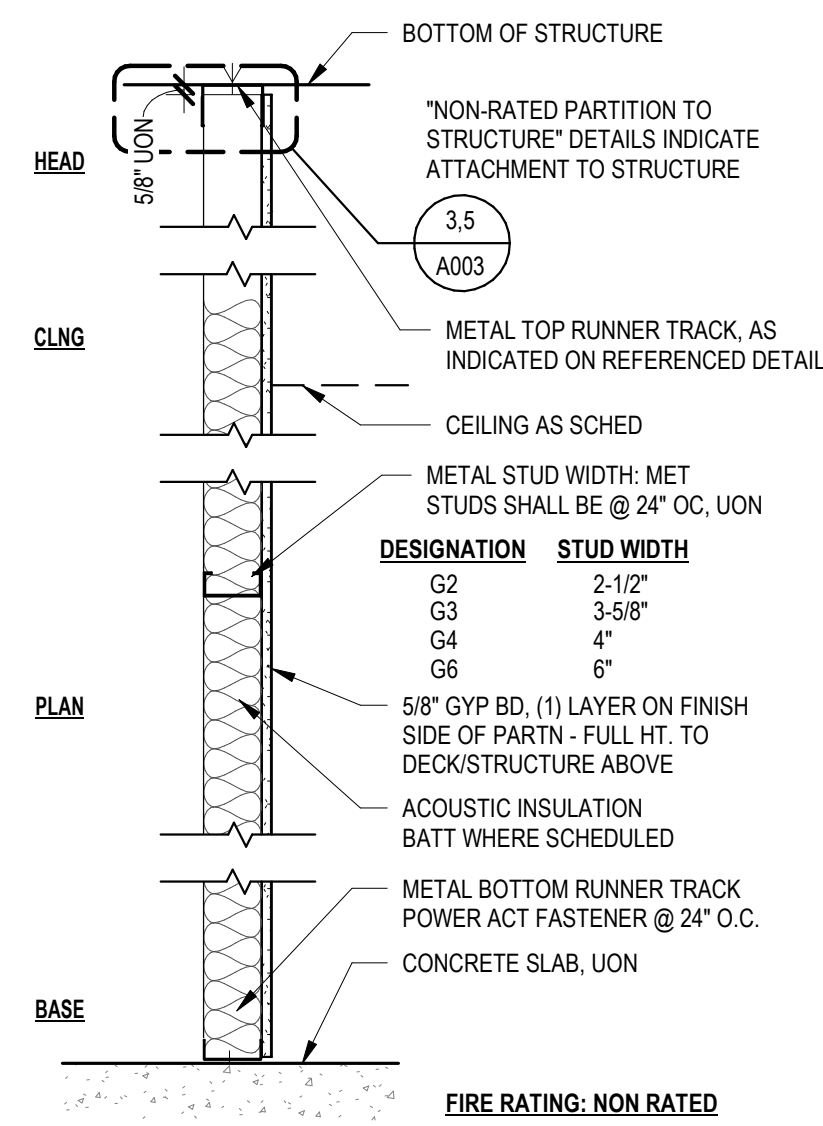
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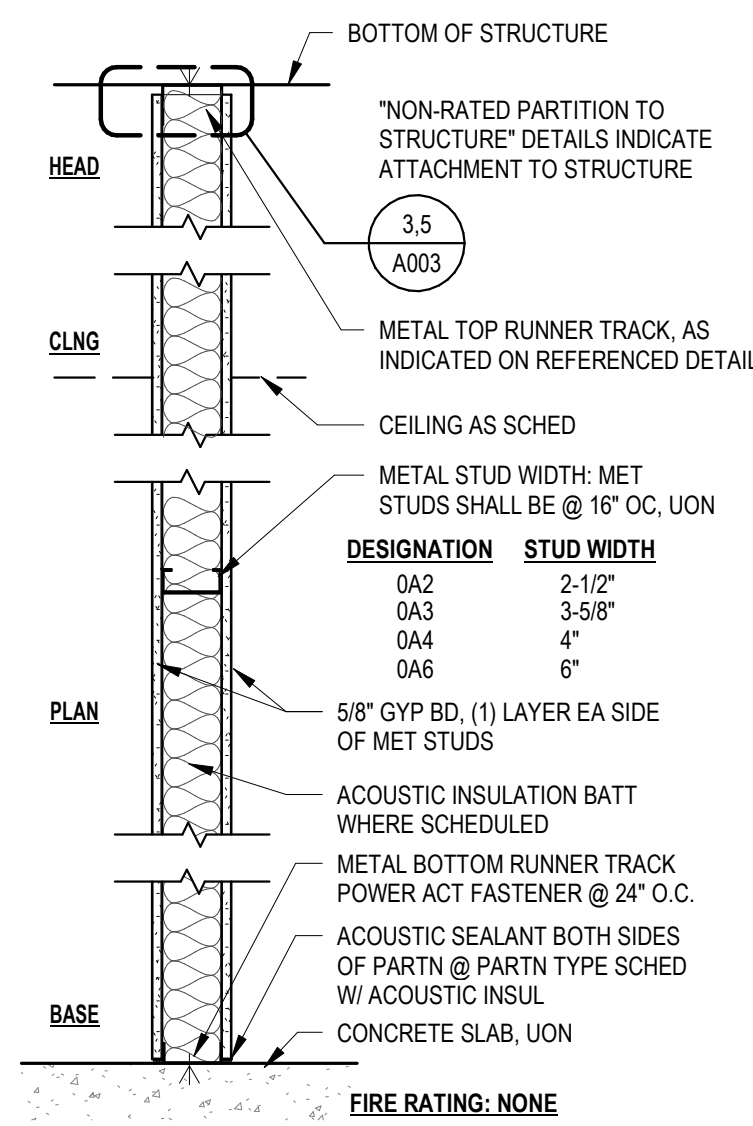
TYPE 1M - MASONRY WALL - 1 HR. RTD

1" = 1'-0"



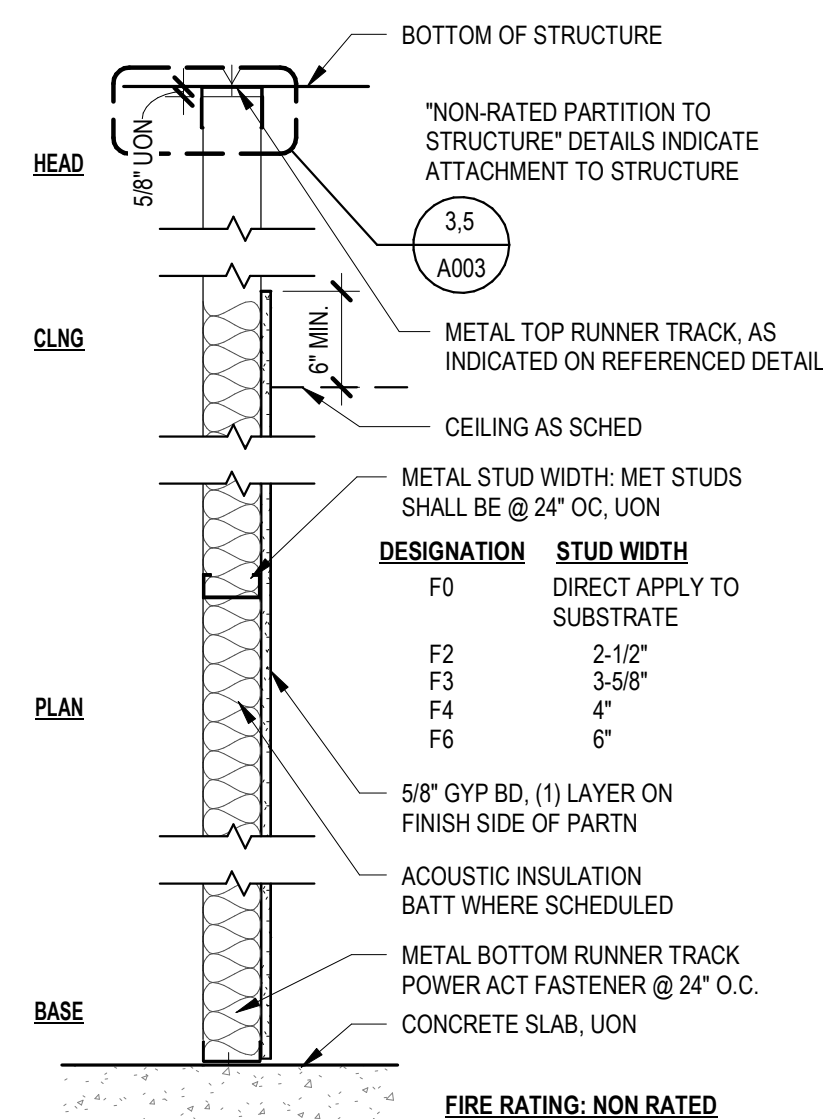
TYPE 0G - FULL HEIGHT FURRING

1" = 1'-0"



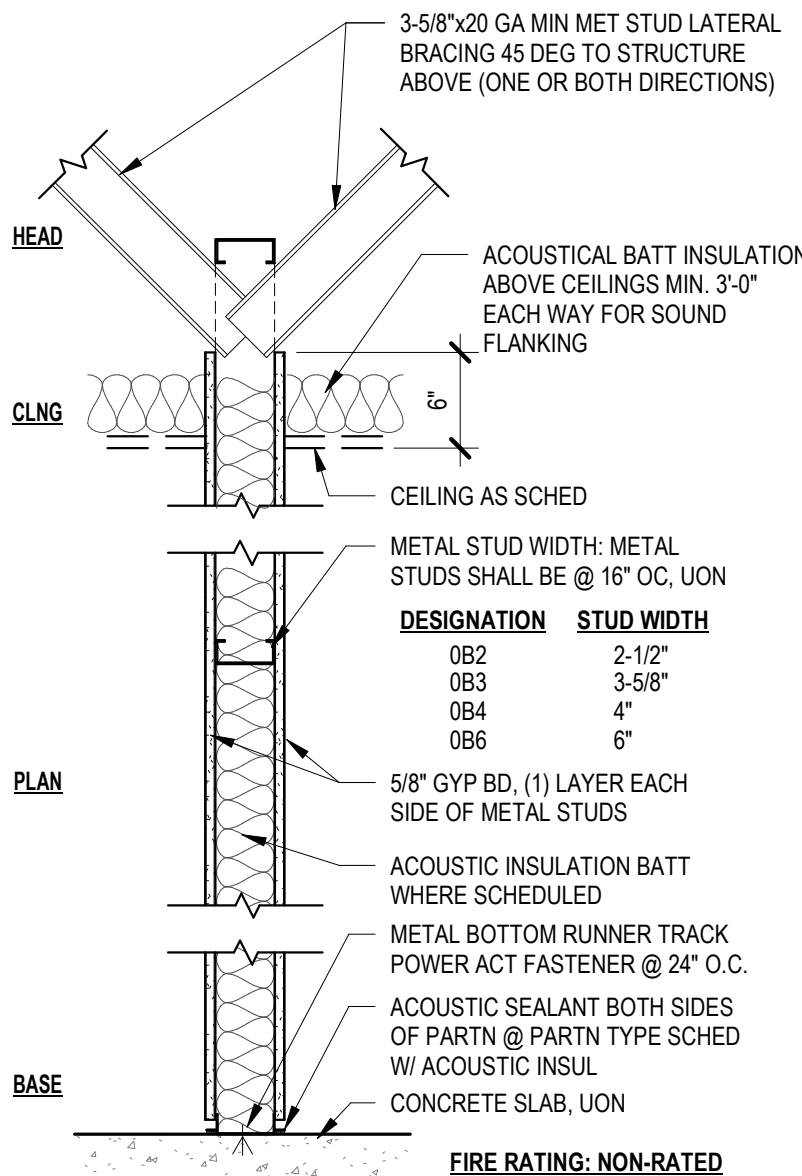
TYPE 0A - FULL HT. MTL. STUD PARTN

1" = 1'-0"



TYPE 0F - PART. HEIGHT FURRING

1" = 1'-0"



TYPE 0B - PART. HT. NON-RATED PARTN.

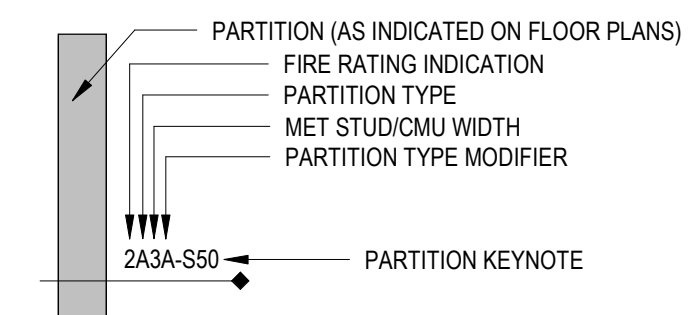
1" = 1'-0"

PARTITION TYPE GENERAL NOTES

- THE "PARTITION TYPE TAG", ILLUSTRATED BELOW, INDICATES THE ASSEMBLY OF THE COMPLETE EXTENT OF EACH PARTITION INDICATED BY THE TAG ON THE FLOOR PLANS, AND OTHER DRAWINGS IN THE PROJECT DOCUMENTS.
- REFER TO PARTITION TYPE DETAILS INDICATED BY THE "PARTITION TYPE" CHARACTER ON THE TAG
 * EXAMPLE: PARTITION TAG ID "A" = REFERENCE TO DETAIL "TYPE A".
- REFER TO THE "FIRE RATING LEGEND" BELOW FOR THE FIRE-RESISTANCE CLASSIFICATION NOTED BY THE "FIRE RATING IDENTIFICATION" ON THE TAG
 * EXAMPLE: "1" = 80 MIN FIRE-RESISTANCE RATED PARTITION ASSEMBLY.
- THE "METAL STUD/CMU NOM WIDTH" CHARACTER ON THE TAG, AND AS SHOWN ON PARTITION TYPE DETAILS, INDICATES THE METAL STUD OR CMU NOM WIDTH
 * EXAMPLE: "2" = 12 INCH CMU WALL THICKNESS, NOM.
- THE "PARTITION TYPE MODIFIER" CHARACTERS REFER TO THE "PARTITION TYPE MODIFIER" NOTES SHOWN BELOW, WHICH APPLY TO THE COMPLETE EXTENT OF EACH PARTITION WHERE SO TAGGED.
 * EXAMPLE: "A" FOR INSULATION AS DESCRIBED IN THE MODIFIER.
- THE "PARTITION KEYNOTE" CHARACTERS REFER TO NOTES SHOWN ON DRAWING KEYNOTE LEGENDS, WHICH APPLY TO THE COMPLETE EXTENT OF EACH PARTITION SO TAGGED.
 * EXAMPLE: "S50" = PARTITION SHALL COMPLY WITH SOUND TRANSMISSION CLASS LEVEL STC-50.

- GENERAL NOTES - IBC SEISMIC CATEGORY A-C:**
- ALL CMU PARTN TYPES SHALL COMPLY WITH PARTITION TYPE GENERAL NOTES, AND "CMU LINTEL SCHEDULE" FOR MIN CMU REINFORCING AND LIMITING LINTEL SPANS.
 - ALL CMU PARTN TYPES SHALL COMPLY WITH PARTITION TYPE GENERAL NOTES, AND REINFORCING AS INDICATED ON THE STRUCTURAL DRAWINGS, UON.

PARTITION TYPE TAG



PARTITION TYPE MODIFIERS

THE FOLLOWING NOTES APPLY TO THE FULL EXTENT OF EACH PARTITION, WHERE "PARTITION TYPE MODIFIER" CHARACTER(S) ARE SHOWN ON THE TAG:

- PROVIDE THERMAL INSULATION BATT FULL HEIGHT IN EACH STUD CAVITY, AS SPECIFIED.
- PROVIDE RIGID INSULATION FULL HEIGHT OF WALL ON ONE SIDE, AS SPECIFIED.
- PROVIDE PARTN TYPE AS SCHED, WITH MIN 20 GA MET STUDS @ 16" OC.
- PROVIDE PARTN TYPE AS SCHED, WITH MIN 18 GA MET STUDS @ 16" OC.
- PROVIDE PARTN TYPE AS SCHED, WITH MIN 16 GA MET STUDS @ 16" OC.
- PROVIDE (1) LAYER 5/8" WR GYP BD IN PLACE OF THE OUTSIDE LAYER OF GYP BD ON SCHED PARTN TYPE. MOUNT ON EACH FACE OF THE PARTN EXPOSED TO MOISTURE - EXTEND FULL HT OF PARTN UON, PROVIDE ACOUSTIC BATT INSUL FULL DEPTH OF EACH METAL STUD CAVITY.
- PROVIDE (1) LAYER OF 5/8" CEMENT BD IN PLACE OF THE OUTSIDE LAYER OF GYP BD ON THE SCHED PARTN TYPE. MOUNT ON EACH FACE OF PARTN INDICATED W/ CERAMIC TILE OR OTHER FINISH. PROVIDE ACOUSTIC BATT INSUL FULL DEPTH OF EACH METAL STUD CAVITY.
- ADD CEMENTITIOUS BACKER BOARD AT A HEIGHT OF 4'-0" AFF TO MATCH TILE INSTALLATION.

FIRE RATING LEGEND

THE COMPLETE ASSEMBLY OF EACH PARTITION WITH A FIRE RATING INDICATION SYMBOL SHOWN ON THE TAG, SHALL COMPLY WITH ALL REQUIREMENTS OF THE FIRE-RESISTANCE RATING CLASSIFICATION.

SYMBOL	RATING CLASSIFICATION
<OMITTED>	NON-RATED PARTITION, UON
1	60 MIN FIRE-RESISTANCE RATED FIRE PARTITION
1S	60 MIN FIRE-RESISTANCE RATED & SMOKE BARRIER PARTITION
2	120 MIN FIRE-RESISTANCE RATED FIRE BARRIER
3	180 MIN FIRE-RESISTANCE RATED FIRE BARRIER
4	240 MIN FIRE-RESISTANCE RATED FIRE BARRIER

PARTITION KEYNOTES

THE FOLLOWING NOTES APPLY TO THE FULL EXTENT OF EACH PARTN, WHERE "PARTITION KEYNOTE" CHARACTER(S) ARE SHOWN ON THE TAG:

S-- KEYNOTE "S" INDICATES THE COMPLETE PARTN ASSEMBLY SHALL COMPLY WITH THE SOUND TRANSMISSION CLASS LEVEL AS INDICATED - FOR EXAMPLE, S50 = STC 50.

* - STUDS FOR FURRED PARTITIONS WHICH EXCEED 12'-0" HEIGHT REQUIRED MID-HEIGHT BRACE TO ADJACENT WALL

PARTITION TYPES & NOTES

**ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS-
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MC	SC

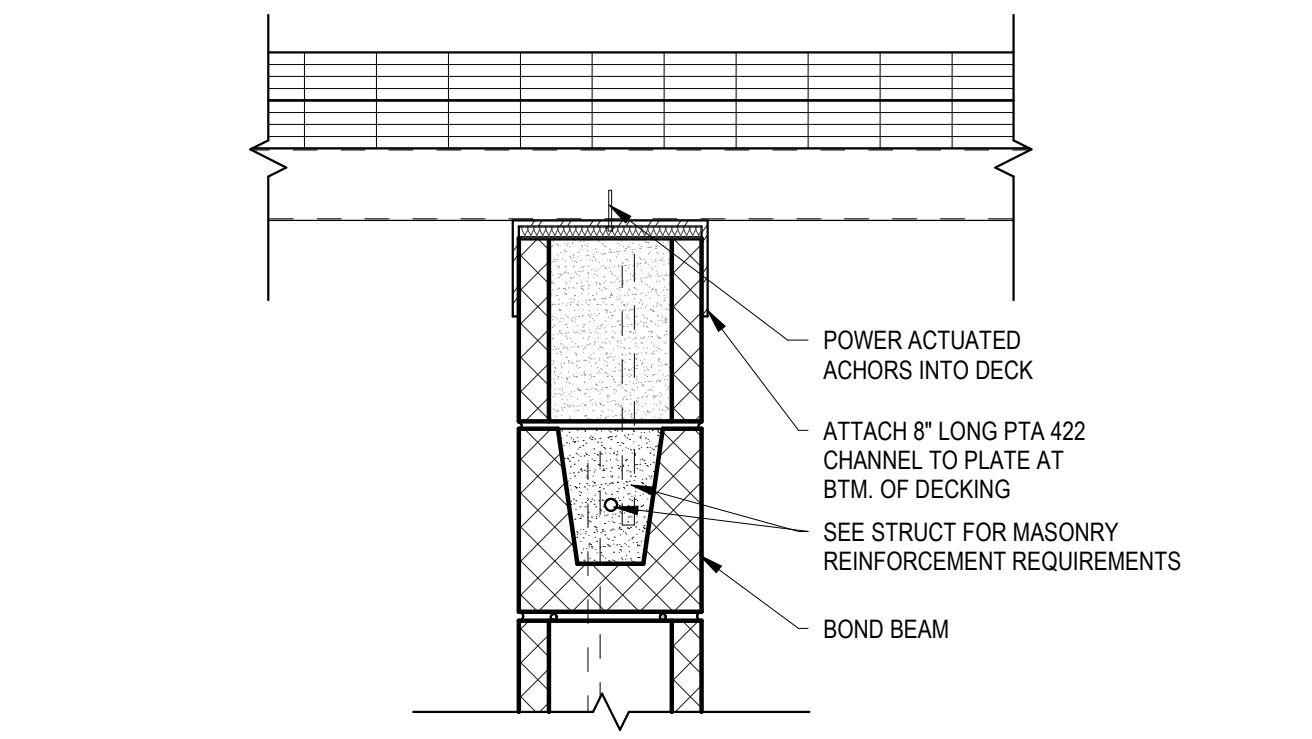
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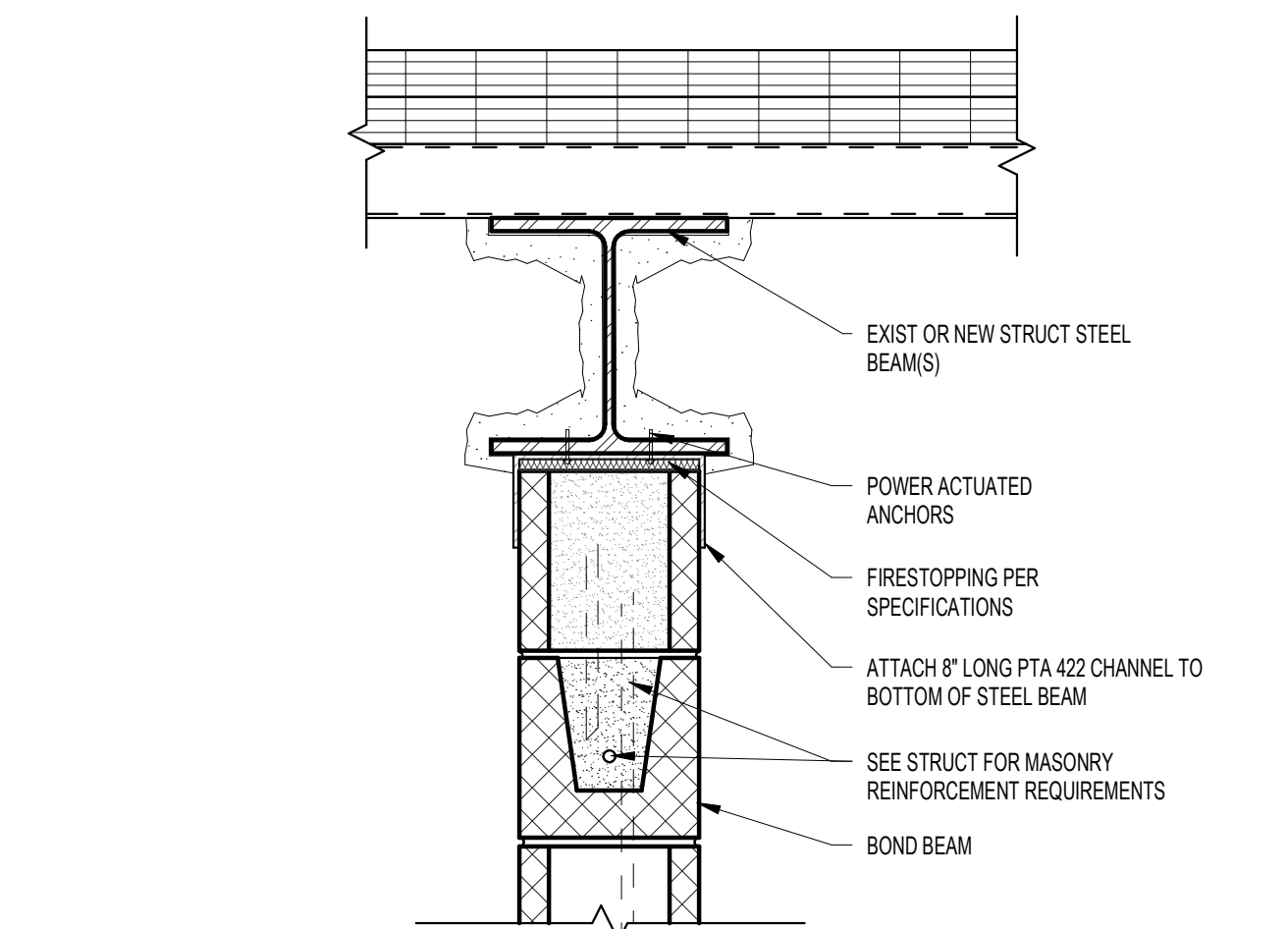
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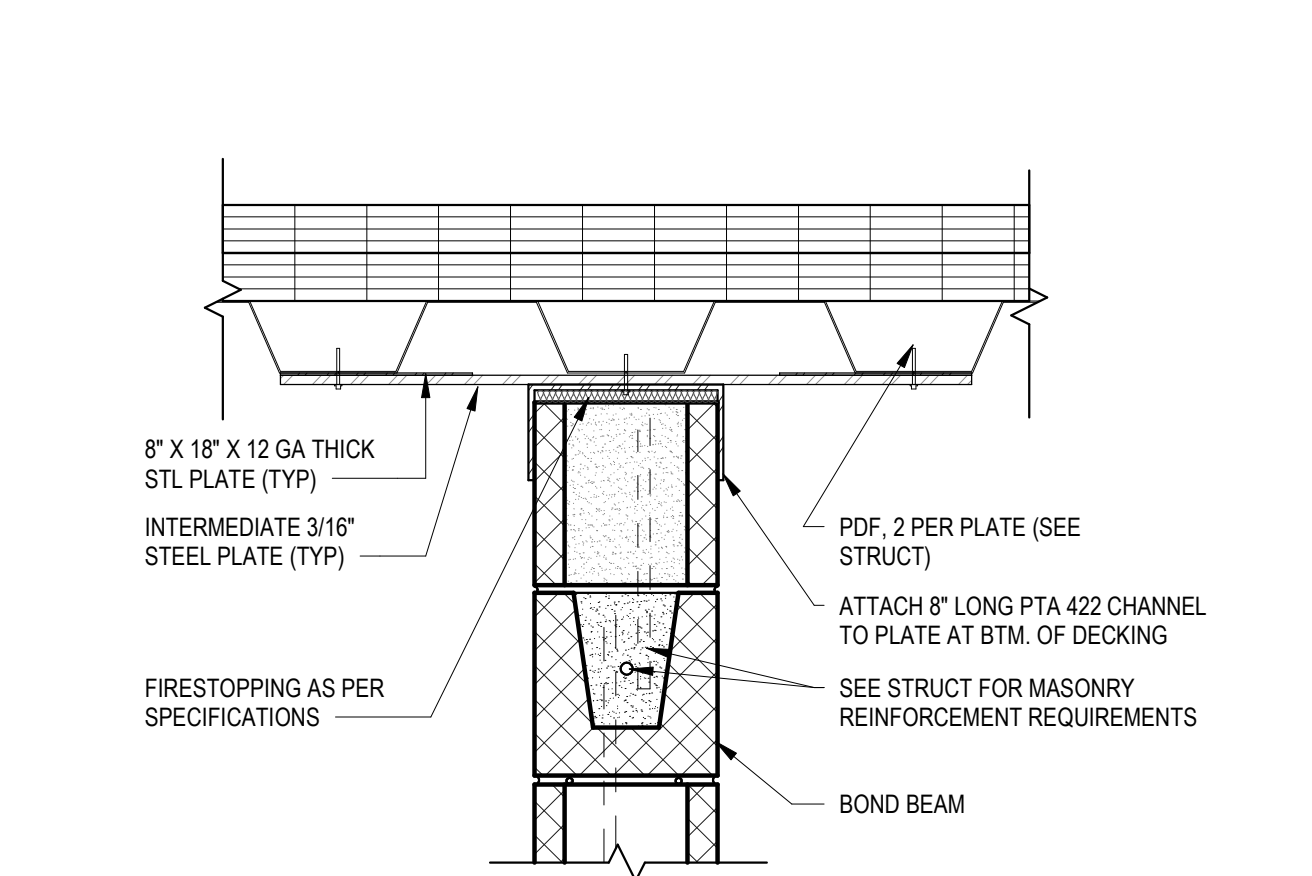
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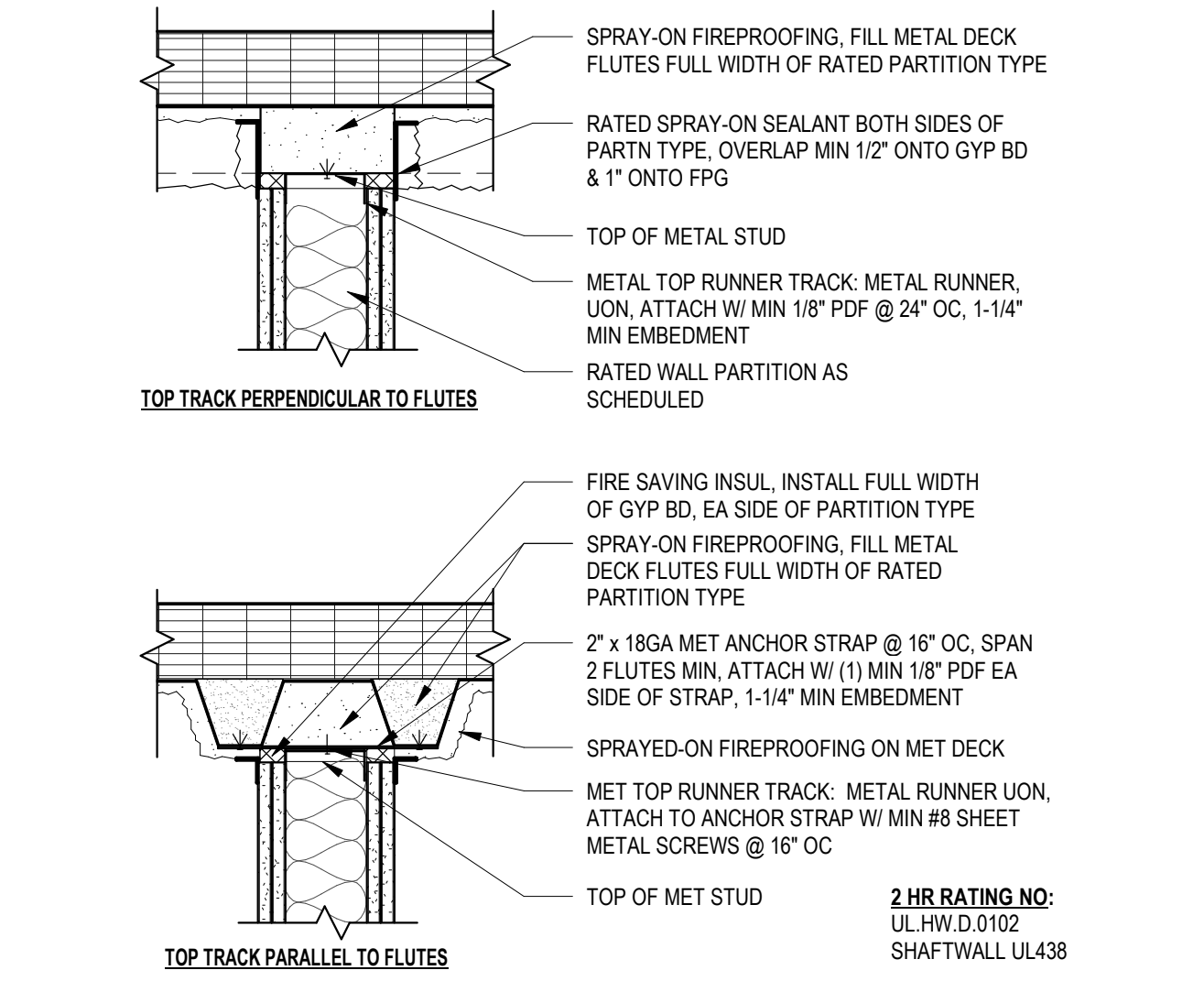
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A003
TYP. CMU PARTN. HEAD PURP. TO DECK
1 1/2" = 1'-0"



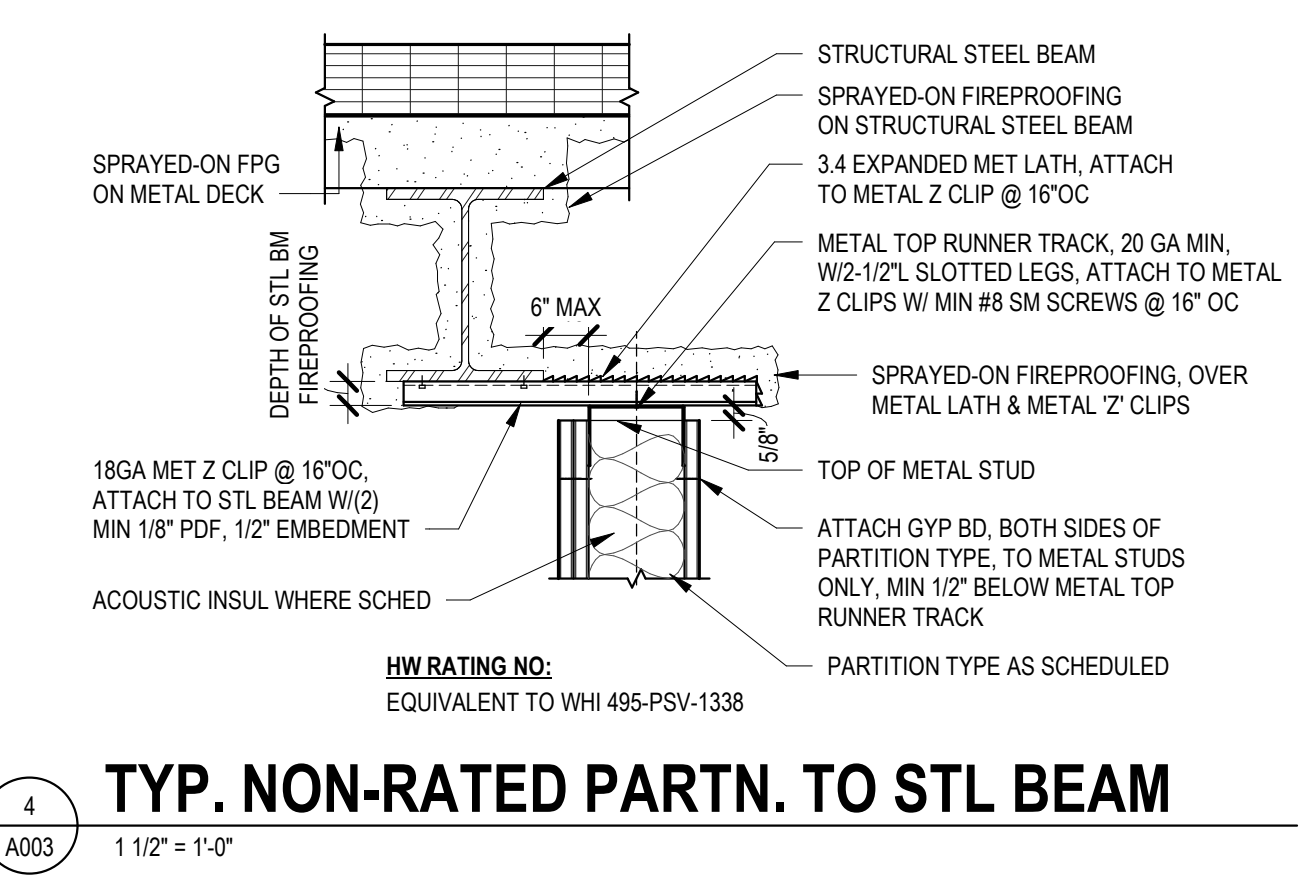
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A003
TYP. CMU PARTN. HEAD @ STEEL
1 1/2" = 1'-0"



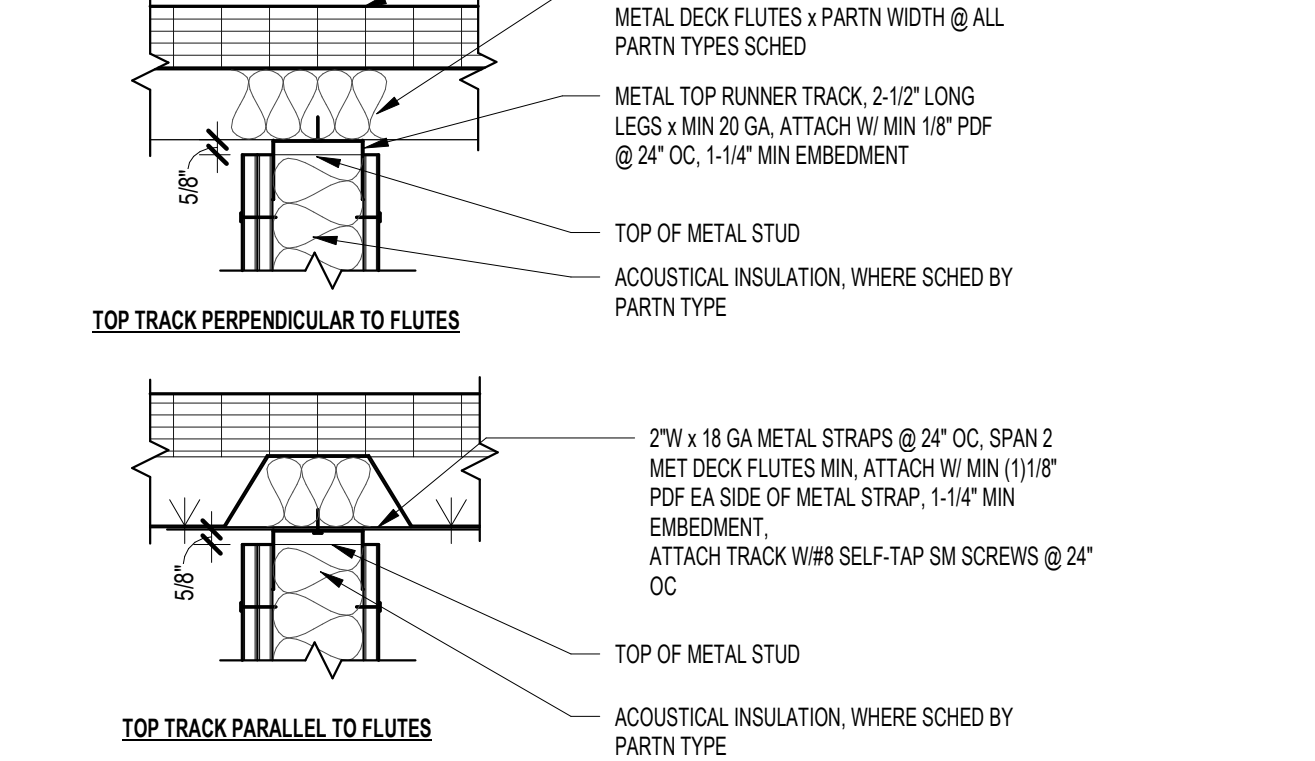
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A003
TYP. CMU PARTN - PARALLEL TO STL DECK
1 1/2" = 1'-0"



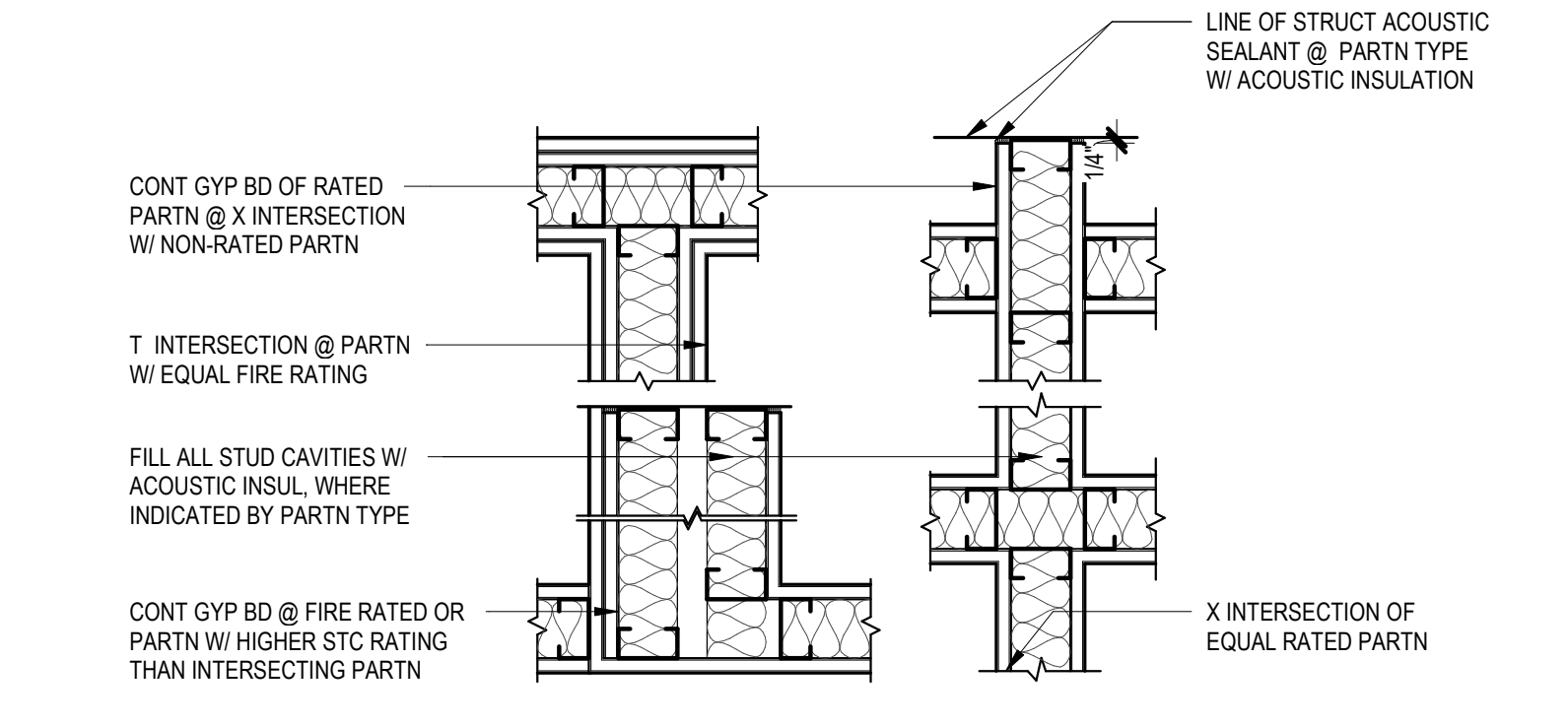
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A003
TYP. RATED WALL TO MTL. DECK
1 1/2" = 1'-0"



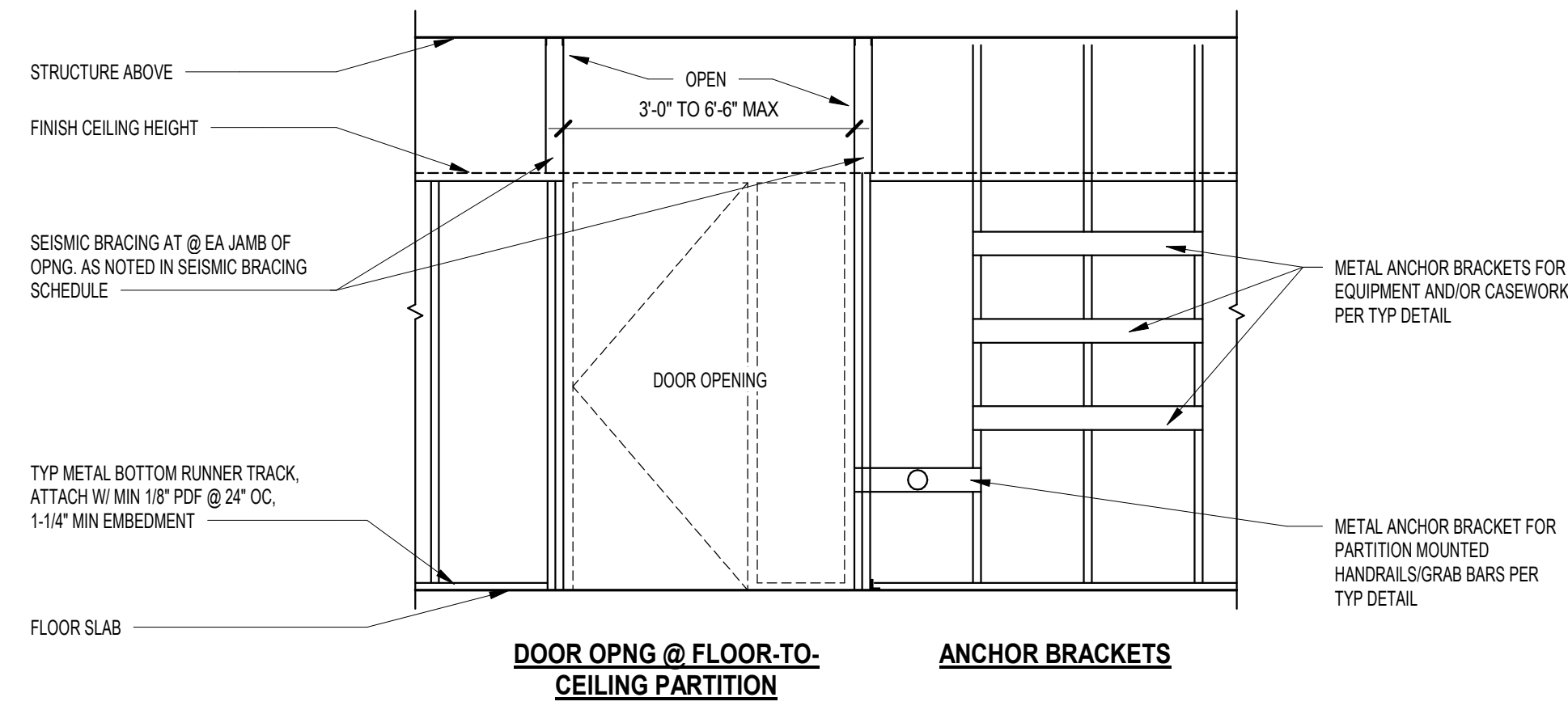
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A003
TYP. NON-RATED PARTN. TO STL BEAM
1 1/2" = 1'-0"



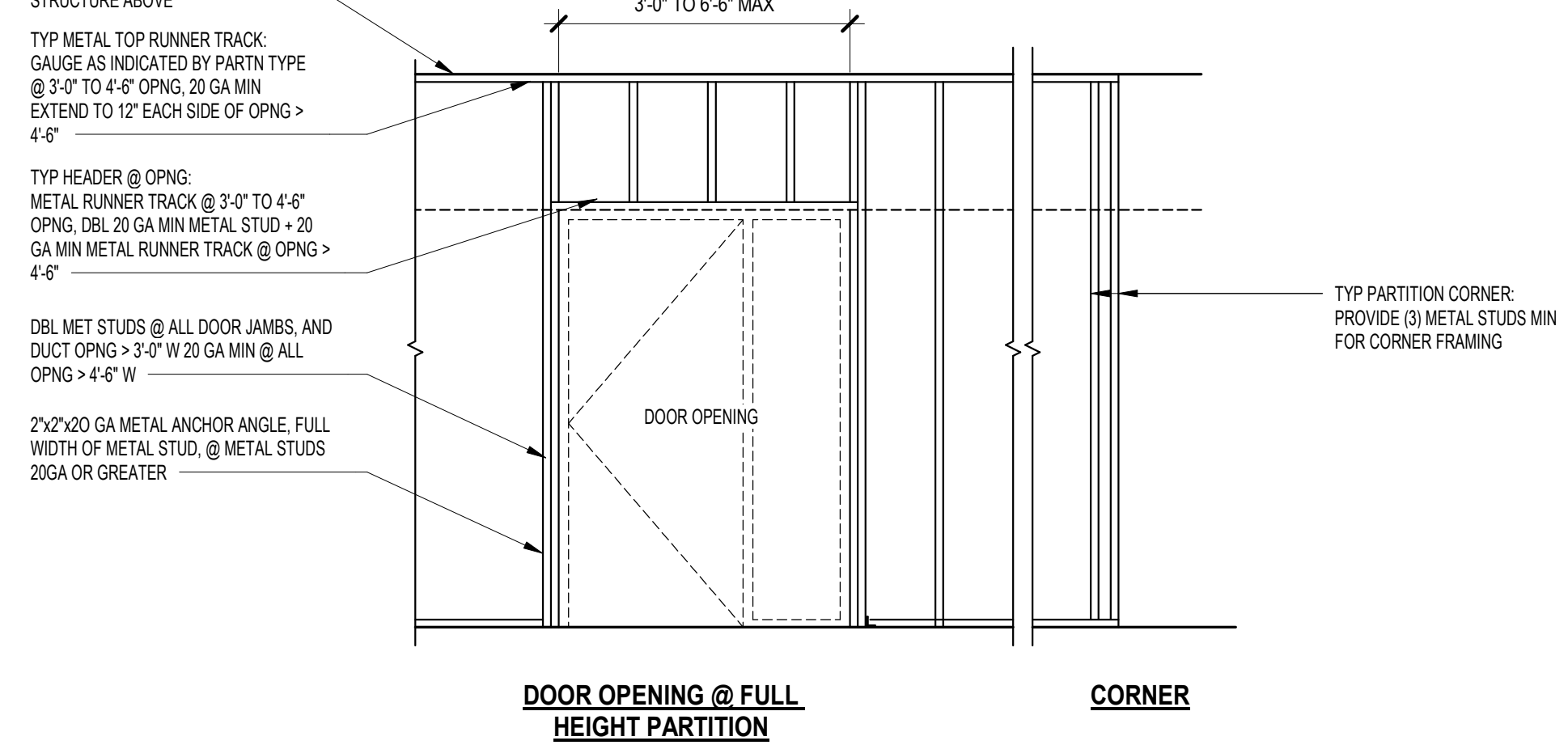
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TYP. PARTN. TO MTL. DECK - NON-RATED
1 1/2" = 1'-0"



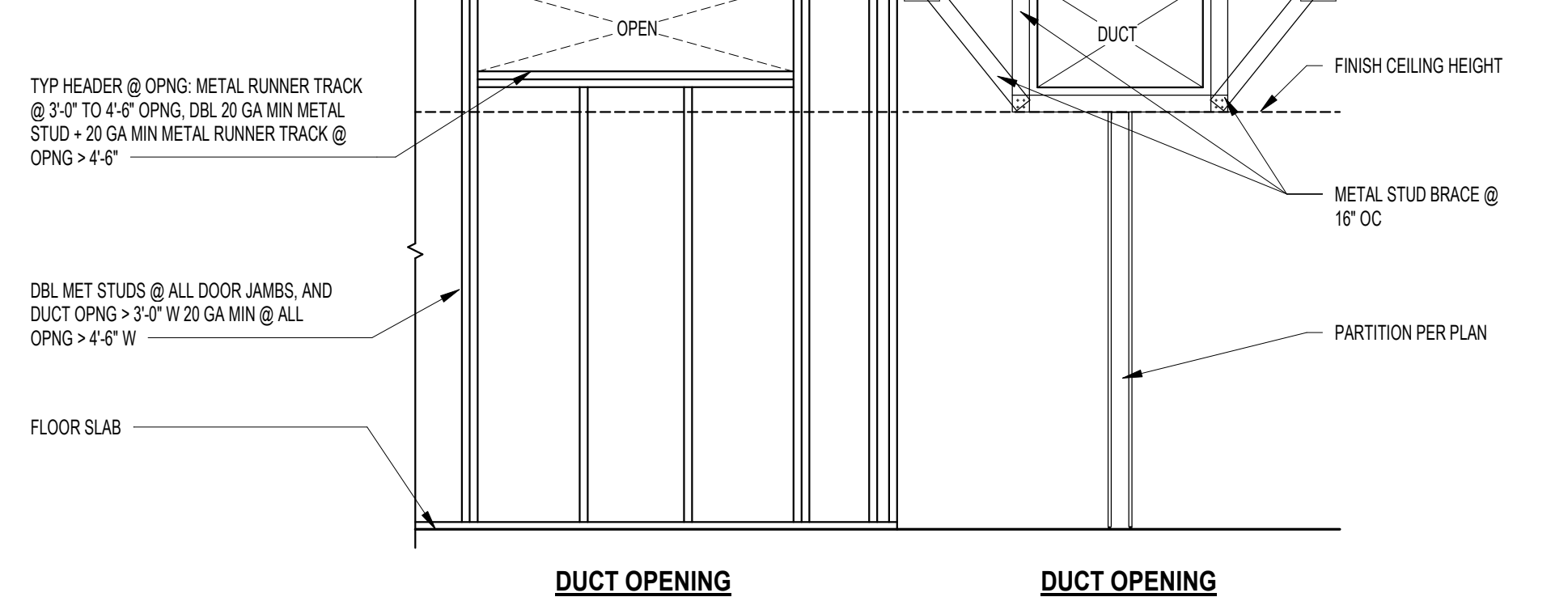
2
A003
TYP. PARTITION INTERSECTIONS
1 1/2" = 1'-0"



DOOR OPNG @ FLOOR-TO-CEILING PARTITION
ANCHOR BRACKETS



DOOR OPNG @ FULL HEIGHT PARTITION
CORNER



1
A003
TYP. MTL STUD FRAMING DIAGRAM
3/8" = 1'-0"

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ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS-
PHASE 3

PARTITION DETAILS

REGISTERED ARCHITECT
SARAH M. COME
No. 24485
STATE OF NEW YORK

Revision Number	Revision Date

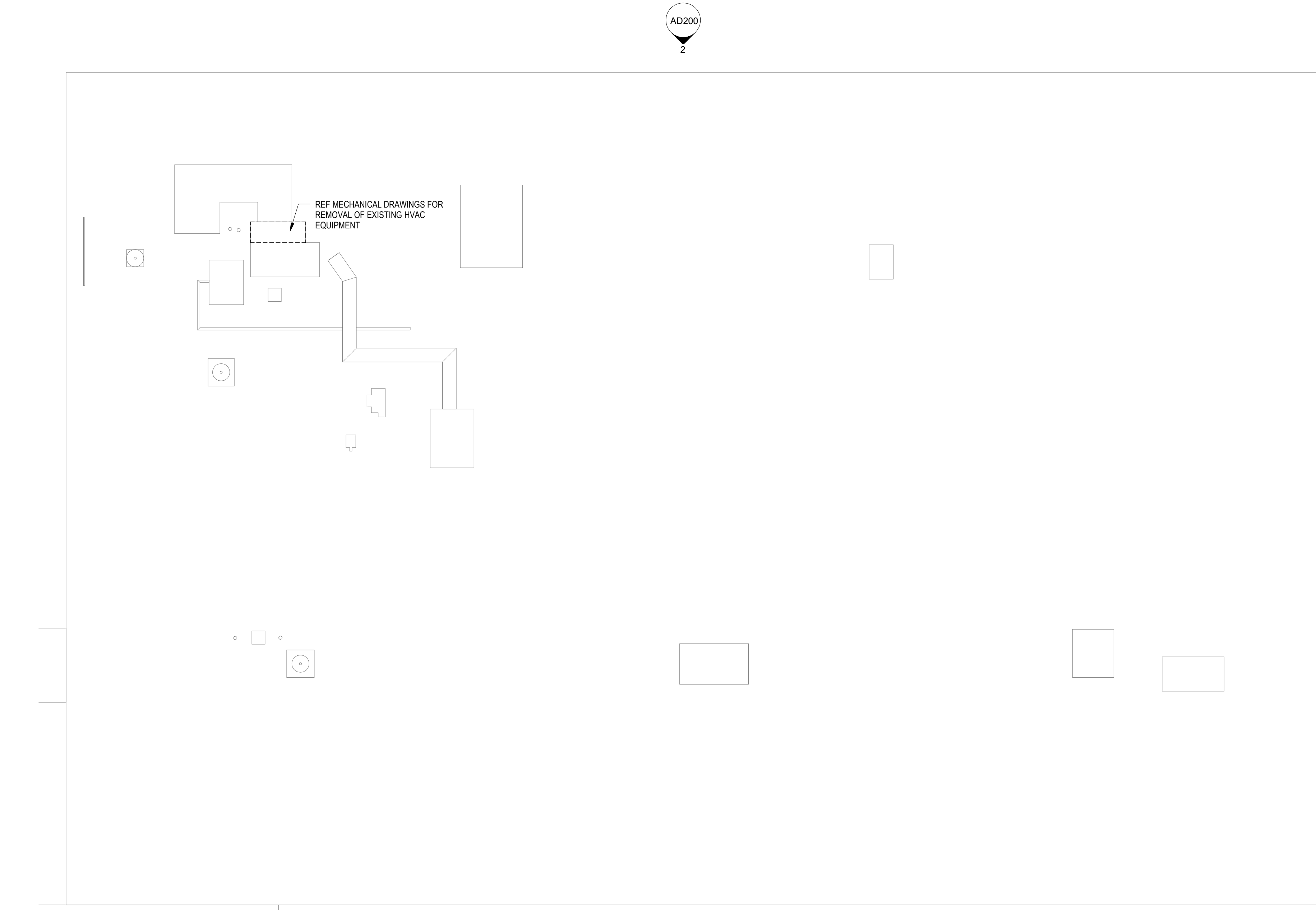
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Drawn By: MC
Checked By: SC

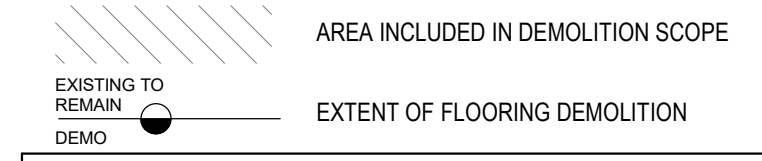
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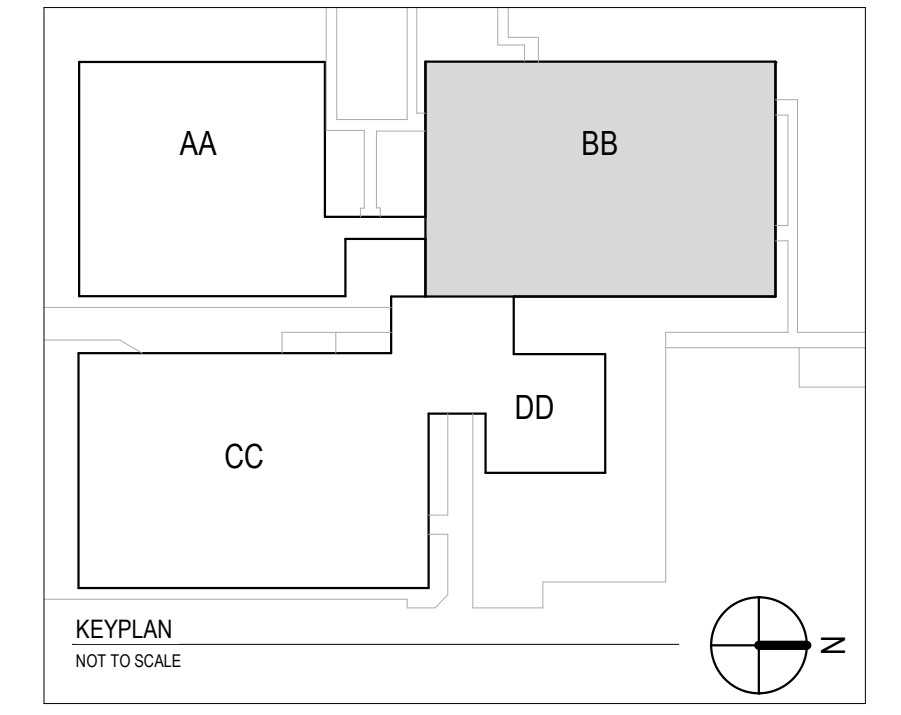


1
AD105
DEMOLITION ROOF PLAN - BB BUILDING
1" = 10'-0"

- DEMOLITION GENERAL NOTES**
- A. THESE GENERAL DEMOLITION NOTES SHALL BE USED IN CONJUNCTION WITH THE WRITTEN SPECIFICATION FOR (SELECTIVE) DEMOLITION.
 - B. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS IN THE FIELD PRIOR TO THE START OF DEMOLITION/CONSTRUCTION EFFORTS. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES IN COMPARISON TO THE DOCUMENTS PRIOR TO BEGINNING THE WORK.
 - C. CONTRACTOR SHALL COORDINATE THE ARCHITECTURAL DEMOLITION WORK WITH THE ENGINEERING DESIGN ISSUED AS PART OF THIS SET OF CONSTRUCTION DOCUMENTS, INCLUDING BUT NOT LIMITED TO MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION AND SECURITY SYSTEMS.
 - D. ALL DIMENSIONS ARE TAKEN FROM FACE OF EXISTING WALL AND/OR COLUMN CENTERLINES.
 - E. CONTRACTOR SHALL PROTECT ALL EXISTING UNAFFECTED AREAS DURING CONSTRUCTION.
 - F. ALL EXISTING SURFACES WHICH HAVE BEEN DISTURBED OR DAMAGED DURING DEMOLITION WHICH WERE NOT MEANT TO BE AFFECTED ARE TO BE REPAIRED, PATCHED, REPLACED TO MATCH EXISTING CONDITIONS PRIOR TO THE WORK.
 - G. CONTRACTOR SHALL VERIFY ALL FIRE OR SMOKE RATED PARTITIONS/WALLS, THROUGH EXISTING WALLS THAT ARE EXPOSED AND NOT FIRE RATED OR SMOKE RATED PER THE REQUIRED RATING SHALL BE FIRE STOPPED OR SMOKE STOPPED AS REQUIRED BY CODE. NOTIFY ARCHITECT OF MISSING CONDITIONS FOR FURTHER DIRECTIVES.
 - H. WHERE DEMOLITION EFFORTS ARE ADJACENT TO OCCUPIED SPACES, CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION TO BUILDING AND OCCUPANTS PER THE NEW YORK STATE BUILDING CODE. PROVIDE TEMPORARY ENCLOSURES, OR OTHER SUITABLE METHODS, TO LIMIT DUST AND DIRT RISING AND SCATTERING IN THE AIR, TO THE LOWEST PRACTICAL LEVELS.
 - I. CONTRACTOR SHALL PROVIDE SHORING AND/OR BRACINGS AS REQUIRED AS PART OF THE DEMOLITION WORK.
 - J. CONTRACTOR IS TO DISPOSE OF DEMOLITION REFUSE AND DEBRIS DAILY AND ANYTHING THAT CANNOT BE REMOVED FROM THE SITE IS TO BE STORED IN A SECURE AREA. BROOM CLEAN SITE DAILY.
 - K. CONTRACTOR SHALL VERIFY WITH THE OWNER'S MATERIALS TO BE SALVAGED. TAKE CARE NOT TO DAMAGE ANY SALVAGED MATERIALS OR ITEMS DURING REMOVAL. PLACE SALVAGE MATERIALS IN A STORAGE LOCATION AS DIRECTED BY THE OWNER. MAINTAIN EXISTING UTILITIES TO REMAIN. KEEP IN SERVICE AND PROTECT AGAINST DAMAGE DURING DEMOLITION AND CONSTRUCTION OPERATIONS.
 - L. ALL TEMPORARY OR NEW CONSTRUCTION ITEMS INCLUDING EQUIPMENT AND ACCESSORIES SHALL BE SECURED IN SUCH A MANNER TO PRECLUDE ANY POTENTIAL THEFT, DAMAGE, OR OTHERWISE ADVERSE EFFECTS.
 - M. CONTRACTOR SHALL REMOVE ALL EXISTING FLOOR FINISHES AND SUSPENDED CEILINGS FROM AREA OF WORK THAT ARE SCHEDULED FOR DEMOLITION.
 - N. CONTRACTOR SHALL REMOVE ALL EXISTING SINKS AND CAP UTILITIES.
 - O. REMOVE ALL WALLS SHOWN WITH DASHED LINES. WALLS ARE 4" CMU, TYPICAL.
 - P. HAZARDOUS MATERIALS REPORT IS INCLUDED AS AN APPENDIX.
 - Q. INFILL TRANSFER DUCT OPENINGS WITH MATCHING CMU. REFER TO MECHANICAL DRAWINGS FOR ALL LOCATIONS.
 - R. REMOVE EXISTING CLOCKS, SAFETY SHOWERS, ROOM PLACARDS FROM THE EXISTING HALLWAYS.
 - T. REMOVE ALL EXISTING CHALK BOARD, MARKER BOARD, TACK BOARDS, DECORATIVE BOARDERS, OR OTHER DECORATIONS FROM EXISTING WALLS AND PREP WALL FOR FINISH PAINTS.
 - U. AT LOCATIONS WHERE A WALL TO BE DEMOLISHED INTERSECTS AN EXISTING WALL TO REMAIN, REMAINING CMU WALL TO BE PATCHED TO MATCH THE EXISTING WALL TO REMAIN.
 - V. COORDINATE THE REMOVAL OR ANY WIRING, CONDUIT, OR DEVICES WITHIN WALLS TO BE REMOVED WITH THE ELECTRICAL CONTRACTOR'S DEMOLITION.
 - W. COORDINATE THE REMOVAL OF ANY PIPING, PLUMBING, OR FIXTURES WITHIN OR ON WALLS TO BE REMOVED WITH THE PLUMBING CONTRACTOR'S DEMOLITION.



- KEYED NOTES** AD #
- 1 EXISTING EQUIPMENT RAILS TO BE REMOVED
 - 2 INFILL WITH METAL DECK AT LOCATION WHERE RTU, EXISTING MECHANICAL DUCT WORK, AND ELECTRICAL CONDUIT WAS REMOVED OR WHERE DECK IS DETERIORATED. SEE STRUCTURAL DWGS.
 - 3 REMOVE EXISTING RTU, DISCONNECT AND REMOVE ANY ATTACHED DUCT WORK AND ELECTRICAL HAZARDOUS MATERIAL NOTE: PUTTY WRAP AROUND EXISTING JABS HAS ASBESTOS CONTAINING MATERIAL. REF NOTE Q.
 - 4 HAZARDOUS MATERIALS AWARENESS NOTE: VENT TAR HAS ASBESTOS CONTAINING MATERIAL. REF NOTE Q.
 - 5 REMOVE EXISTING ROOF HATCH AND KEEP EXISTING LADDER. PATCH AND PREP OPENING.



DEMOLITION ROOF PLAN - BB BUILDING
**ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS-
PHASE 3**



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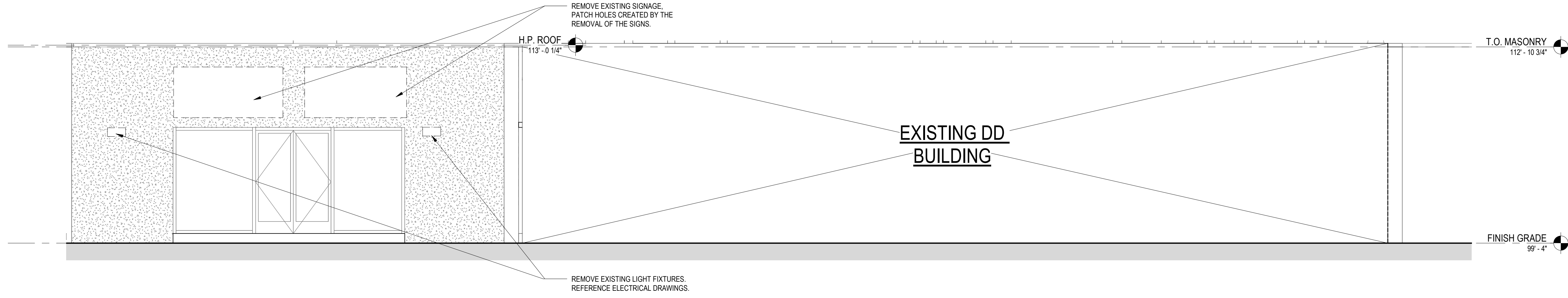
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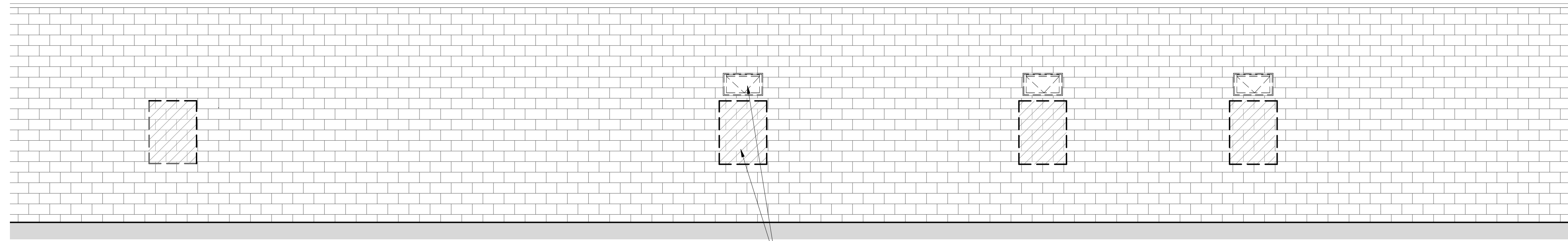
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1
AD200
DEMOLITION EXT. ELEV. - DD BUILDING - ENTRY
1/4" = 1'-0"



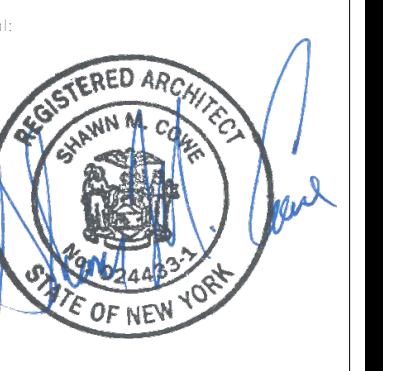
2
AD200
DEMOLITION EXT. ELEV. - BB BUILDING
1/4" = 1'-0"

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DEMOLITION EXTERIOR ELEVATIONS
**ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS-
PHASE 3**

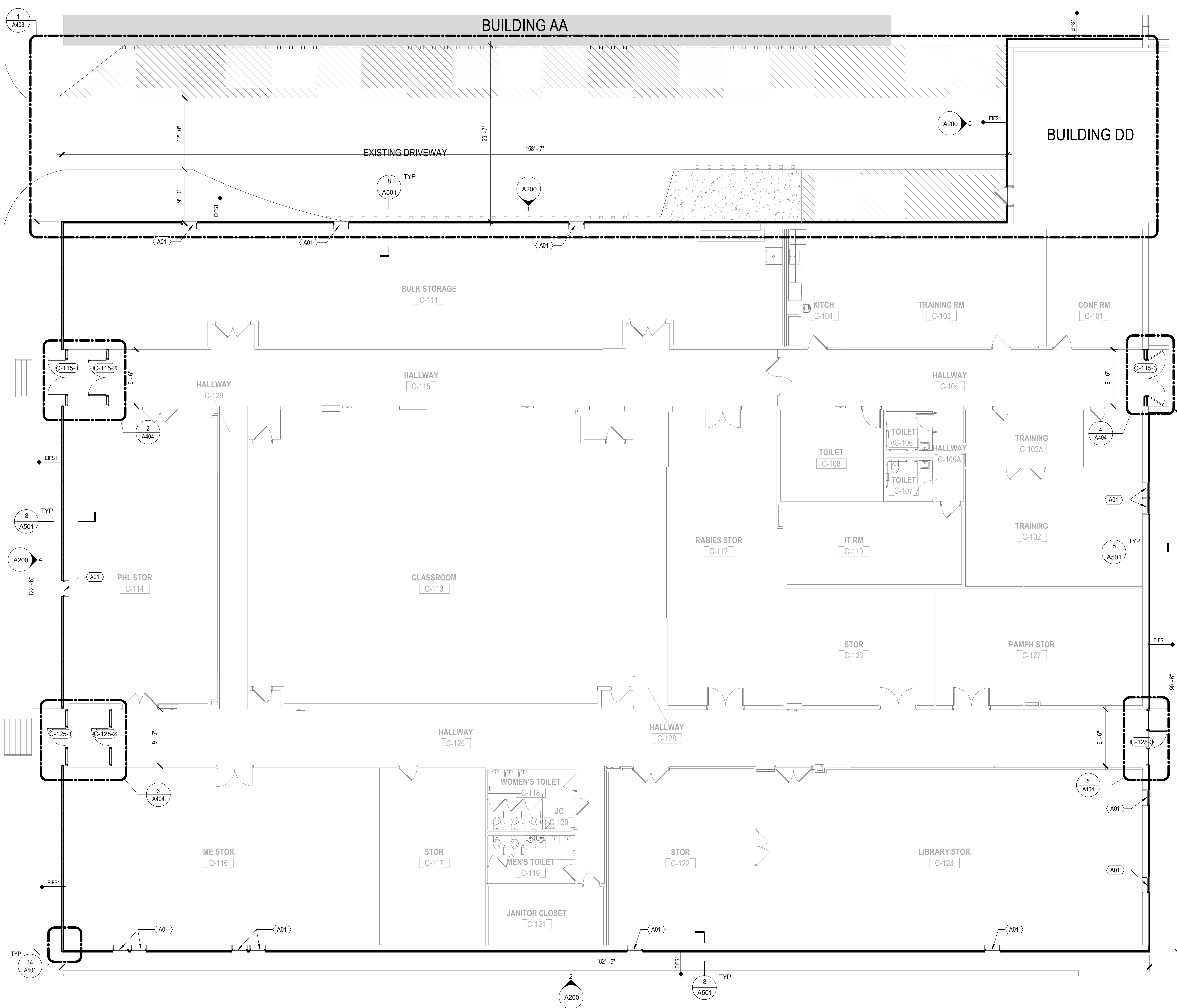


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LEVEL 1 FLOOR PLAN - CC
1/8" = 1'-0"

FLOOR PLAN NOTES

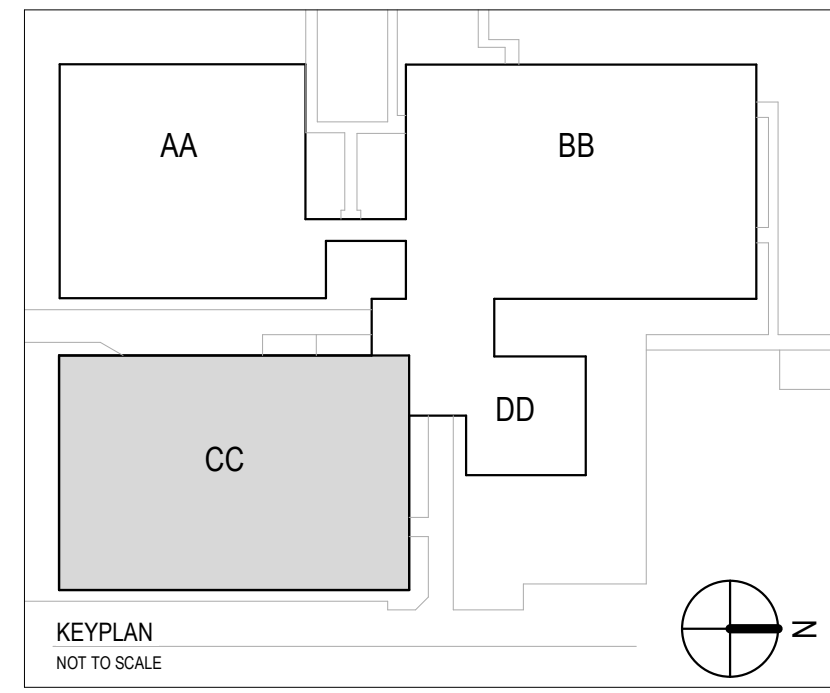
- A. DO NOT SCALE THE DRAWINGS. IF THERE IS A MISSING DIMENSION, OR ONE THAT IS NOT CLEAR IN THE CONSTRUCTION DOCUMENTS, REQUEST CLARIFICATION OF THAT DIMENSION FROM THE ARCHITECT.
- B. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF ALL LOCAL, STATE AND FEDERAL CODES AND REGULATIONS. WHERE A NON-COMPLIANT CONDITION OCCURS, THOSE CODES ARE TO TAKE PRECEDENCE OVER THE DRAWINGS AND SPECIFICATIONS. IF A DISCREPANCY IS DISCOVERED, INFORM THE ARCHITECT IMMEDIATELY BEFORE PROCEEDING WITH THE WORK.
- C. THE CONTRACTOR IS RESPONSIBLE FOR AND SHALL IMMEDIATELY VERIFY ALL DIMENSIONS, BOUNDARIES, GRADE ELEVATIONS, AND OTHER NECESSARY DIMENSIONAL GUIDES ON SITE AND COMPARE THEM TO THE CONSTRUCTION DOCUMENTS. IMMEDIATELY REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR CLARIFICATION AND DIRECTIVES ON HOW TO PROCEED.
- D. ALL DIMENSIONS PROVIDED ARE TO THE FACE OF SAID MATERIALS/CONSTRUCTION, UNLESS NOTED OTHERWISE.
- E. ALL DIMENSIONS, NOTES, FINISHES AND FIXTURES SHOWN ON THE FLOOR PLANS, SECTIONS, DETAILS, AND OTHER ILLUSTRATIONS SHALL APPLY TO ALL SIMILAR, OPPOSITE HAND, OR SYMMETRICAL PLANS, SECTIONS OR DETAILS.
- F. ALL NEW PARTITION/WALLS SHALL BE ALIGNED WITH THE CENTER, OR NEAREST EDGE (AS INDICATED ON THE DRAWINGS) OF EXISTING WALLS, COLUMNS, WINDOW OPENINGS, ETC. UNLESS OTHERWISE NOTED.
- G. FAILURE TO ILLUSTRATE OR MENTION MINOR DETAILS SHALL NOT BE WARRANT FOR OMISSION OF NECESSARY APPURTENANCES FOR THE NORMAL, USUAL OR PROPER COMPLETION OF THE WORK.
- H. COORDINATE ALL NEW ARCHITECTURAL WORK WITH THE ENGINEERING DESIGNS ISSUED AS PART OF THIS SET OF THESE CONSTRUCTION DOCUMENTS, INCLUDING BUT NOT LIMITED TO MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION AND SECURITY SYSTEMS.
- J. IN LOCATIONS WHERE EXISTING TRANSFER GRILLES HAVE BEEN REMOVED AND NOT REPLACED, FILL OPENING WITH CMU PARTITION OF THE SAME RATING BY GENERAL CONTRACTOR. REFER TO M101 DWG.
- K. IN LOCATIONS WHERE EXISTING DUCT WORK IS REMOVED FROM EXISTING CMU WALL, WALL MUST BE INFILLED WITH CMU WALL OF SIMILAR RATING BY GENERAL CONTRACTOR. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS OF DUCT WORK TO BE DEMOLISHED AT EXISTING WALLS.

FLOOR PLAN LEGEND

SYMBOL/TAG	DESCRIPTION
MATCHLINE 'A'	MATCHLINE W/PLAN REFERENCE
ROOM NAME 101 150 SF	ROOM NAME ROOM NUMBER ROOM AREA (IF PROVIDED) ROOM IDENTIFICATION TAG
(01-1)	DOOR AND DOOR TAG
PARTITION TYPE DESIGNATION	PARTITION & TYPE IDENTIFICATION
100.00'	SPOT ELEVATION
W	WINDOW IDENTIFICATION TAG
FE	FIRE EXTINGUISHER HUNG WITH WALL BRACKET
FE	EXISTING FIRE EXTINGUISHER HUNG WITH WALL BRACKET TO REMAIN.
P.B.	42" HIGH X 6" DIA. STEEL PIPE BOLLARD, CONCRETE FILLED WITH COVER SEE DETAIL.

KEYED NOTES

- 01 INSTALL NEW WINDOW AT WINDOW OPENING.
- 02 PATCH AND PAINT WALLS.
- 03 RELOCATE EXISTING REFRIGERATORS FROM KITCHENETTE.
- 04 INSTALL BOTTLE FILLER.
- 05 INSTALL NEW WATER CLOSET PARTITION.
- 06 INSTALL NEW WATER CLOSET.
- 07 INSTALL NEW URINAL PARTITION.
- 08 INSTALL NEW URINAL.
- 09 EXTEND CONCRETE LOADING DOCK, REF. STRUCTURAL DRAWINGS



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FIRST FLOOR PLAN - CC BUILDING
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BLDG 17 BB CC RENOVATIONS-
PHASE 3



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1
A101
LEVEL 1 FLOOR PLAN - BB
1/8" = 1'-0"

FLOOR PLAN NOTES

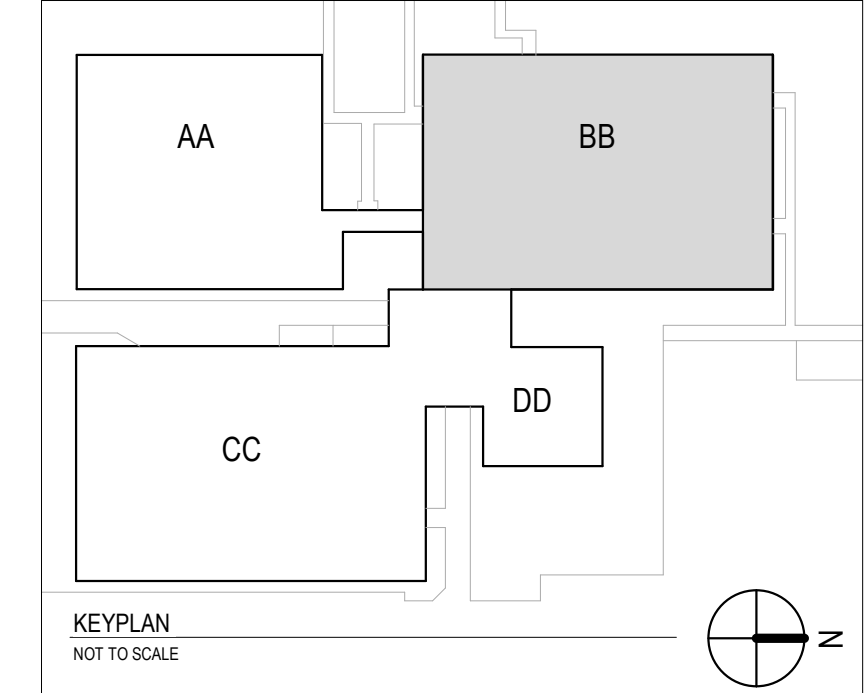
- A. DO NOT SCALE THE DRAWINGS. IF THERE IS A MISSING DIMENSION, OR ONE THAT IS NOT CLEAR IN THE CONSTRUCTION DOCUMENTS, REQUEST CLARIFICATION OF THAT DIMENSION FROM THE ARCHITECT.
- B. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF ALL LOCAL, STATE AND FEDERAL CODES AND REGULATIONS. WHERE A NON-COMPLIANT CONDITION OCCURS, THOSE CODES ARE TO TAKE PRECEDENCE OVER THE DRAWINGS AND SPECIFICATIONS. IF A DISCREPANCY IS DISCOVERED, INFORM THE ARCHITECT IMMEDIATELY BEFORE PROCEEDING WITH THE WORK.
- C. THE CONTRACTOR IS RESPONSIBLE FOR AND SHALL IMMEDIATELY VERIFY ALL DIMENSIONS, BOUNDARIES, GRADE ELEVATIONS, AND OTHER NECESSARY DIMENSIONAL GUIDES ON SITE AND COMPARE THEM TO THE CONSTRUCTION DOCUMENTS. IMMEDIATELY REPORT ANY DISCREPANCIES TO THE ARCHITECT FOR CLARIFICATION AND DIRECTIVES ON HOW TO PROCEED.
- D. ALL DIMENSIONS PROVIDED ARE TO THE FACE OF SAID MATERIALS/CONSTRUCTION, UNLESS NOTED OTHERWISE.
- E. ALL DIMENSIONS, NOTES, FINISHES AND FIXTURES SHOWN ON THE FLOOR PLANS, SECTIONS, DETAILS, AND OTHER ILLUSTRATIONS SHALL APPLY TO ALL SIMILAR, OPPOSITE HAND, OR SYMMETRICAL PLANS, SECTIONS OR DETAILS.
- F. ALL NEW PARTITION WALLS SHALL BE ALIGNED WITH THE CENTER, OR NEAREST EDGE (AS INDICATED ON THE DRAWINGS) OF EXISTING WALLS, COLUMNS, WINDOW OPENINGS, ETC. UNLESS OTHERWISE NOTED.
- G. FAILURE TO ILLUSTRATE OR MENTION MINOR DETAILS SHALL NOT BE WARRANT FOR OMISSION OF NECESSARY APPURTENANCES FOR THE NORMAL, USUAL OR PROPER COMPLETION OF THE WORK.
- H. COORDINATE ALL NEW ARCHITECTURAL WORK WITH THE ENGINEERING DESIGNS ISSUED AS PART OF THIS SET OF THESE CONSTRUCTION DOCUMENTS, INCLUDING BUT NOT LIMITED TO MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION AND SECURITY SYSTEMS.
- J. IN LOCATIONS WHERE EXISTING TRANSFER GRILLES HAVE BEEN REMOVED AND NOT REPLACED, FILL OPENING WITH CMU PARTITION OF THE SAME RATING BY GENERAL CONTRACTOR. REFER TO M101 DWG.
- K. IN LOCATIONS WHERE EXISTING DUCT WORK IS REMOVED FROM EXISTING CMU WALL, WALL MUST BE INFILLED WITH CMU WALL OF SIMILAR RATING BY GENERAL CONTRACTOR. REFER TO MECHANICAL DRAWINGS FOR LOCATIONS OF DUCT WORK TO BE DEMOLISHED AT EXISTING WALLS.

FLOOR PLAN LEGEND

SYMBOL/TAG	DESCRIPTION
MATCHLINE 'A'	MATCHLINE W/PLAN REFERENCE
ROOM NAME 101	ROOM NAME ROOM NUMBER ROOM IDENTIFICATION TAG
150 SF	ROOM AREA (IF PROVIDED)
(101)	DOOR AND DOOR TAG
04	PARTITION TYPE DESIGNATION
100.00'	SPOT ELEVATION
(W1)	WINDOW IDENTIFICATION TAG
FE	FIRE EXTINGUISHER HUNG WITH WALL BRACKET
FE	EXISTING FIRE EXTINGUISHER HUNG WITH WALL BRACKET TO REMAIN.
P.B.	42" HIGH X 6" DIA. STEEL PIPE BOLLARD, CONCRETE FILLED WITH COVER SEE DETAIL

KEYED NOTES

- 01 INSTALL NEW WINDOW AT WINDOW OPENING.
- 02 PATCH AND PAINT WALLS.
- 03 RELOCATE EXISTING REFRIGERATORS FROM KITCHENETTE.
- 04 INSTALL BOTTLE FILLER.
- 05 INSTALL NEW WATER CLOSET PARTITION.
- 06 INSTALL NEW WATER CLOSET.
- 07 INSTALL NEW URINAL PARTITION.
- 08 INSTALL NEW URINAL.
- 09 EXTEND CONCRETE LOADING DOCK, REF. STRUCTURAL DRAWINGS



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FIRST FLOOR PLAN - BB BUILDING
ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS-
PHASE 3



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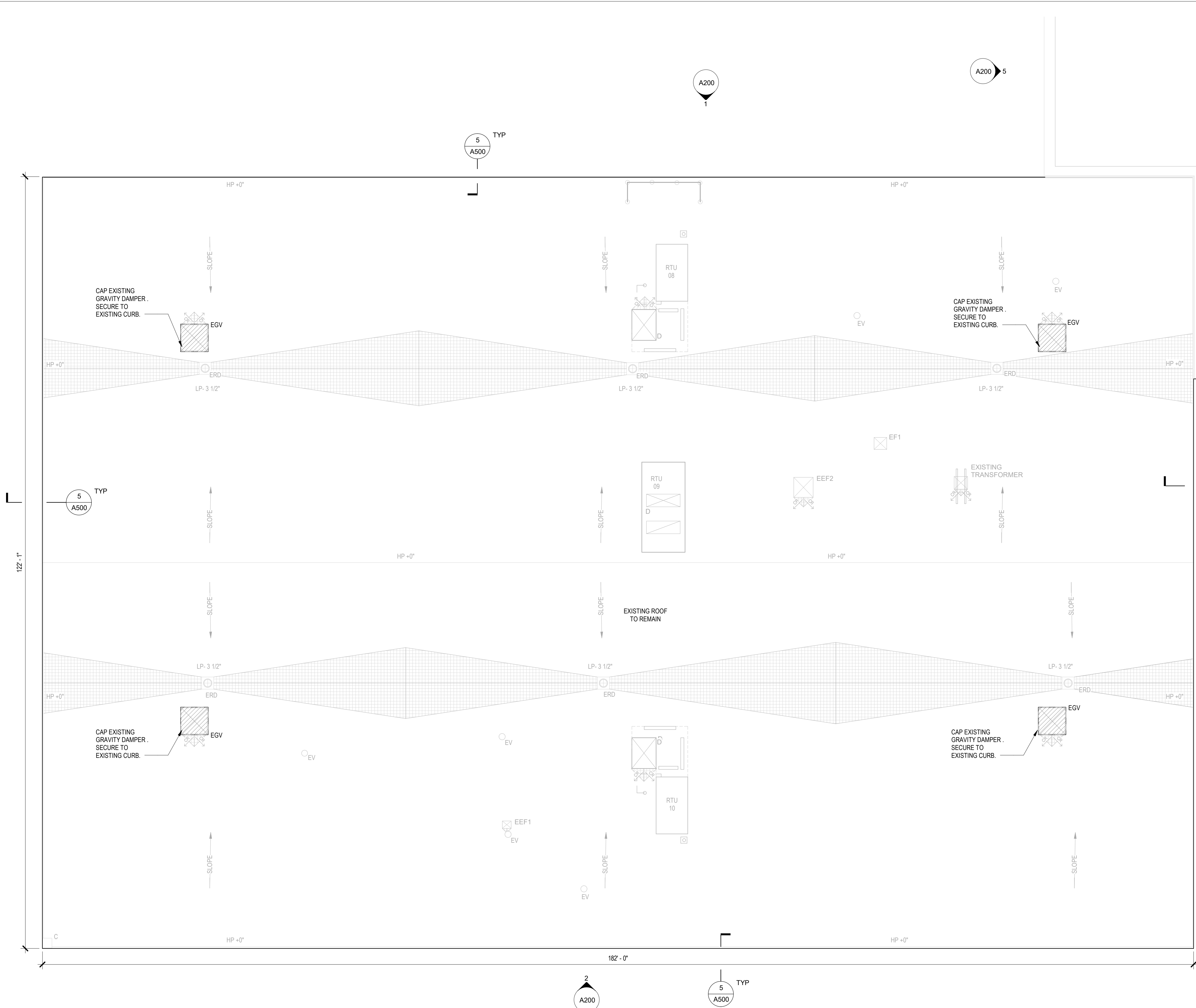
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Project: 2021-885-02

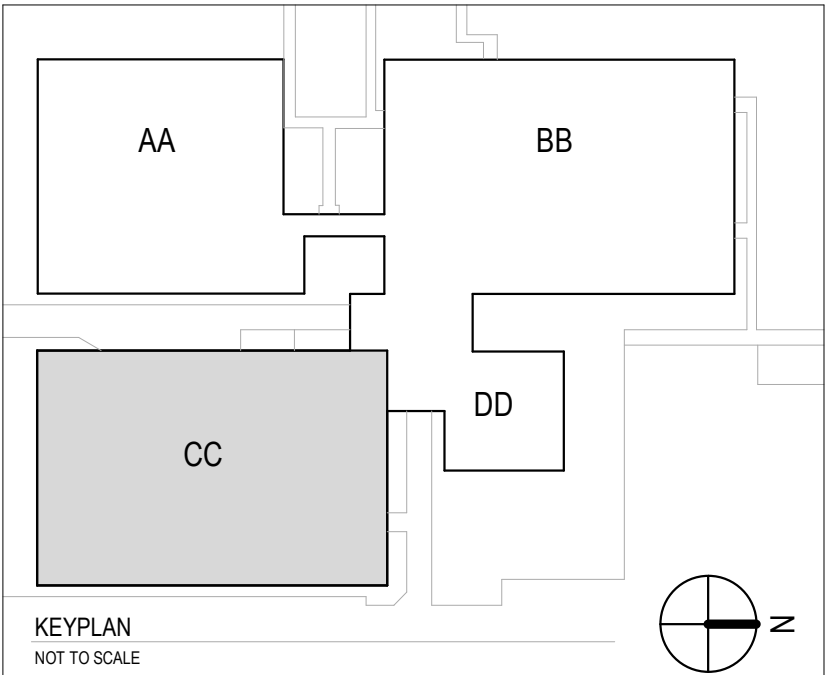
Sheet: **A101**

2
A107 **ROOF PLAN - CC BUILDING**
1/8" = 1'-0"



ROOF LEGEND

- EXISTING ROOF DRAIN
- EXISTING EXHAUST FAN
- EXISTING GRAVITY VENT FAN TO BE CAPPED AND SECURED TO EXISTING CURB.
- EXISTING ROOF TOP UNIT.
- DUCT PENETRATION.
- EXISTING VENT
- EXISTING CAMERA
- EXISTING CRICKET SLOPED AT 12":12"
- HP LP HIGH POINT/ LOW POINT
- ROOF SLOPE DOWN IN THE DIRECTION INDICATED



ROOF PLAN - DD & CC BUILDING
**ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS-
PHASE 3**



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MM	SC
Project:	2021-885-02

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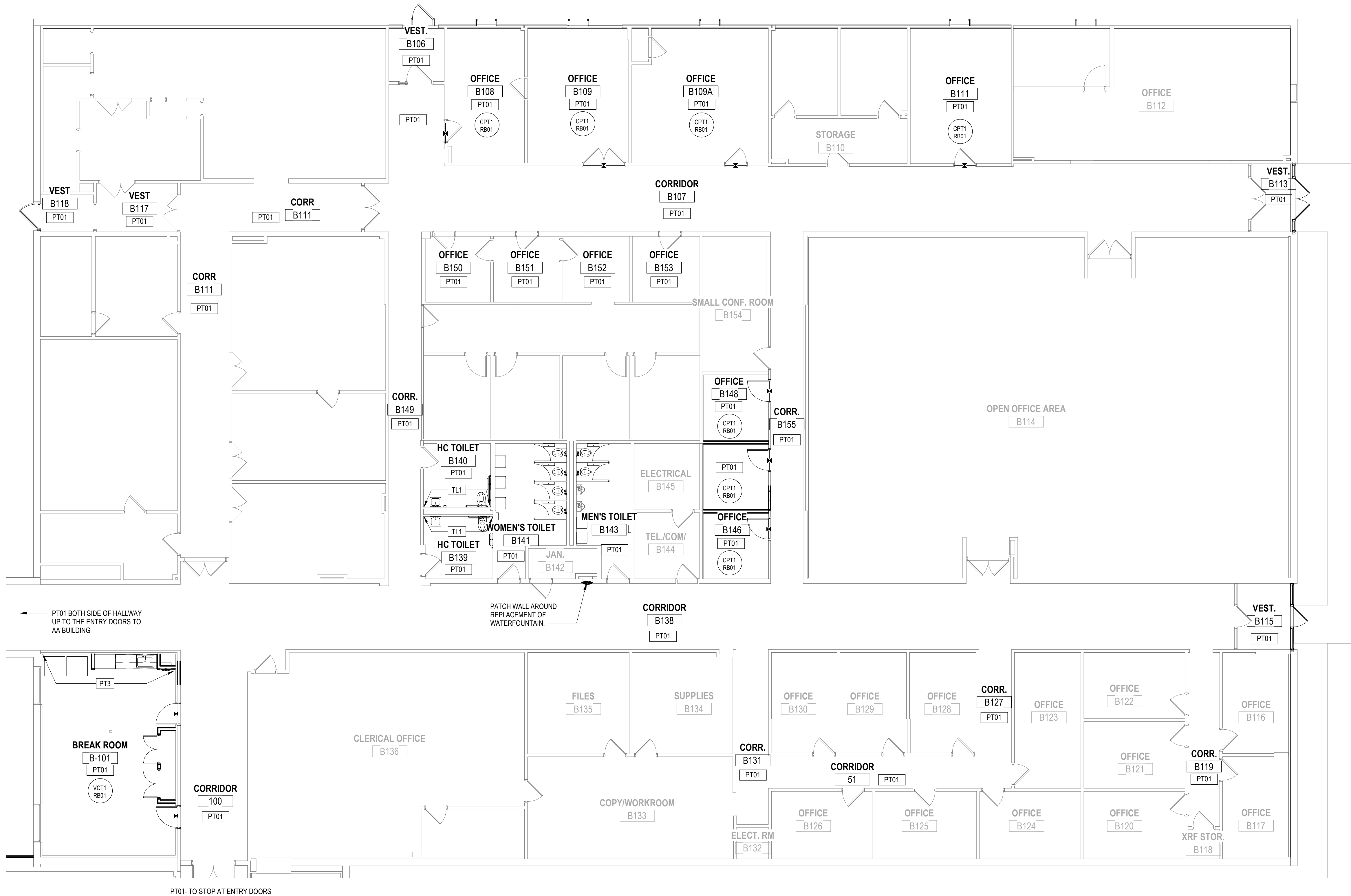
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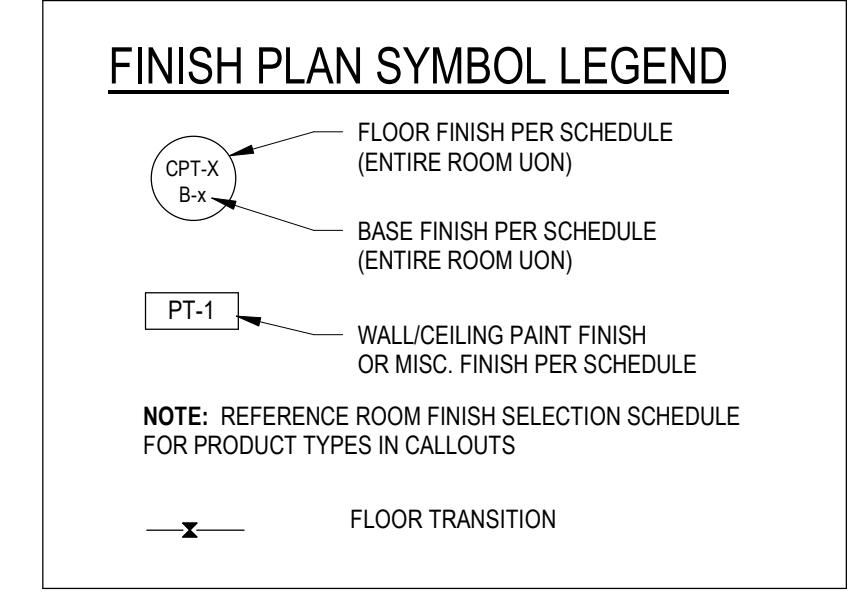
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FIRST FLOOR- FINISH FLOOR PLAN - BB
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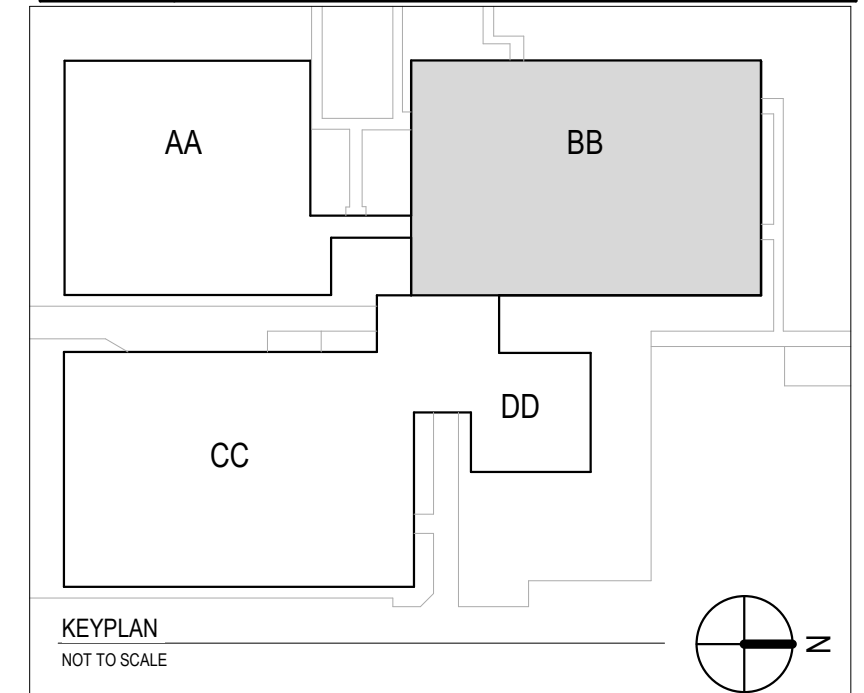
ROOM FINISH GENERAL NOTES

- FAILURE TO ILLUSTRATE OR INDICATE MINOR DETAILS THAT ARE NECESSARY FOR THE PROPER INSTALLATION OF ANY MATERIAL SHALL NOT BE WARRANT FOR THE OMISSION OF THOSE APPURTENANCES FOR THE NORMAL, USUAL OR STANDARD COMPLETION OF THE WORK.
- IN ADDITION TO THIS INFORMATION AND FINISH PLANS AND SCHEDULES PROVIDED, REFERENCE INTERIOR ELEVATIONS FOR ADDITIONAL FINISH INFORMATION.
- IF COLOR OR FINISH IS NOT SPECIFIED FOR ANY PART OF THE PROJECT, CONTACT THE ARCHITECT FOR CLARIFICATION.
- IF THERE IS ANY DISCREPANCY BETWEEN FINISH PLANS, SCHEDULES, ELEVATIONS OR OTHER DETAILS, REQUIRED CLARIFICATION OF THE ARCHITECT PRIOR TO THE PURCHASE OR INSTALLATION OF MATERIALS.
- ORIENTATION OF MATERIAL IS INDICATED ON THE DRAWINGS OR WITHIN THE SCHEDULE.
- THE CONTRACTOR SHALL REVIEW MATERIALS FOR ANY DEFECTS PRIOR TO INSTALLATION. IF DEFECTS ARE DISCOVERED, DO NOT PROCEED WITH THE INSTALLATION UNTIL ACCEPTABLE MATERIAL IS OBTAINED, CONTACT THE ARCHITECT IMMEDIATELY.
- SUBMITTALS SHALL BE ISSUED FOR APPROVAL BY THE ARCHITECT IN A TIMELY MANNER, AND LONG LEAD ITEMS SHALL BE IDENTIFIED DURING THE CONSTRUCTION OF THE PROJECT TO ALLEVIATE ANY SCHEDULE DELAYS.
- SCRIBE ALL FLOORING MATERIALS AROUND PERMANENT OBSTRUCTIONS OR INSTALLATIONS CLOSELY AND TIGHTLY.
- WHERE REQUIRED, USE COORDINATING AND APPROVED FLOORING TRANSITIONS. THESE MAY BE FOUND WITHIN THE SCHEDULE OR DETAILS PROVIDED ON THE DRAWINGS.
- ALL PAINTABLE MECHANICAL DEVICES, INCLUDING BUT NOT LIMITED TO CABINETS, CONDUITS AND COVERS, SHALL BE PAINTED TO MATCH THE ADJACENT WALL OR CEILING SURFACES, UNLESS PROHIBITED BY THE MANUFACTURER OR BY CODE.
- ALL PLASTIC LAMINATED COUNTERTOPS AND BACKSPLASHES SHALL BE SELF-EDGE AND INTEGRAL POST-FORMED CONSTRUCTION UNLESS DETAILED OTHERWISE.
- REF A600 FOR EXISTING DOORS TO BE PAINTED PER THIS CONTRACT.
- AT ALL LOCATIONS WHERE CMU IS INSTALLED, BLOCK FILLER IS REQUIRED AT ALL NEW SURFACES TO RECEIVE PAINT.
- EXISTING BB BUILDING PROJECT SCOPE:
 -50 LINEAR FOOT OF WALL BASE TO BE INSTALLED BY GENERAL CONTRACTOR. OWNER TO PROVIDE WALL BASE.
 -500 SQ FT OF PAINT TO MATCH EXISTING. GENERAL CONTRACTOR TO PROVIDE PAINT AND LABOR.
- PAINT ALL CORRIDORS IN BUILDING BB.



FINISH MATERIAL SCHEDULE

MARK	MATERIAL	BASIS OF DESIGN	SPEC SECTION
CONC	Sealed Concrete	W.R. Meadows, Infraguard Silane/Siloxane Sealing Compound	03 01 30
VCT1	Resilient Flooring	Armstrong Premium Excelon Ruffa Stream Diamond 10, Avlanche Z5900	09 65 19
PT01	Paint	Benjamin Moore, Decorator White	09 91 23
PT02	Paint	Benjamin Moore, Custom Color, To Match Existing Exposed Ceiling	09 91 23
PT03	Paint	Benjamin Moore, Downpour Blue, 2063-20	09 91 23
PL1	Plastic Laminate	Fornica, Danish Maple 8906-58	06 42 3
RB01	Rubber Base	Tarkett 4" Wall Base, 20 Charcoal WG	09 65 13
TL01	Porcelain Tile	Daltile, Classic, Matte Arctic White	09 65 19
ACT-1	Acoustical Ceiling Panels	Armstrong Ultima 1913	09 51 13
ACT-2	Acoustical Ceiling Panels	Armstrong Soundscapes Basics	09 51 13
CT1	Quartz Countertop	DuPont Zodiaq, Snowdrift	06 61 19
CPT1	Carpet Tile	Shaw Contract Group, Surround Tile, Storm Cloud	09 68 13
ACP1	Acoustical Wall Panel	Carnegie, Fabric Wrapped Wall Panel, Channel	09 68 13
CG1	16 GA Stainless Steel Corner Guard, Extending from finished floor to 6'-0" AFF.		
EXIST	EXISTING FINISH TO REMAIN		



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FINISH PLANS - BB BUILDING

ERIE COUNTY HEALTH LAB

BLDG 17 BB CC RENOVATIONS-

PHASE 3

REGISTERED ARCHITECT
 STATE OF NEW YORK

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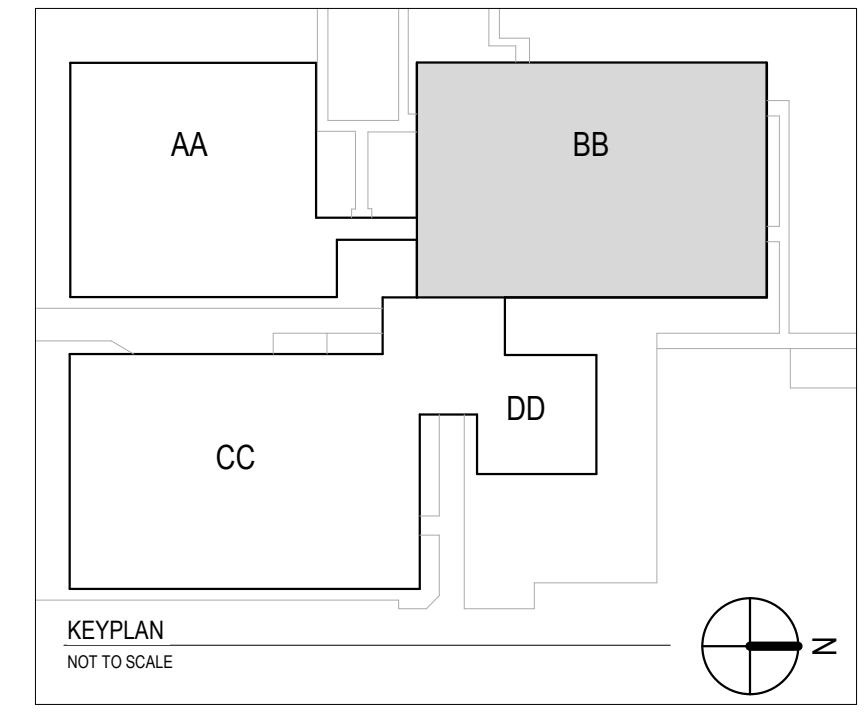


- ### CEILING PLAN NOTES
- ALL CEILINGS SHALL BE INSTALLED AT THE HEIGHT ABOVE FINISH FLOOR, AS INDICATED ON THE REFLECTED CEILING PLAN.
 - CONSIDER SEQUENCING INSTALLATION OF CEILING MATERIALS ONLY AFTER ALL OVERHEAD WORK IS COMPLETED, INCLUDING BUT NOT LIMITED TO MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION SYSTEMS. THOSE SYSTEMS SHOULD BE TESTED AND APPROVED BEFORE THE CEILING IS INSTALLED.
 - VERIFY CEILING LAYOUTS AND HEIGHTS WITH ACTUAL FIELD CONDITIONS AND MEASUREMENTS PRIOR TO INSTALLATION. VERIFY LOCATION OF PENETRATING SYSTEMS IN THE FIELD.
 - SUPPORT SUSPENDED SYSTEMS INDEPENDENT OF WALLS, COLUMNS, DUCTS, PIPES AND CONDUIT. MAINTAIN FACE PLACE WITH ADJACENT MEMBERS WHEN SPLICING CARRYING TEES. FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RECOMMENDATIONS.
 - USE PROPERLY PLACED AND SUSPENDED LOAD-CARRYING FRAME CHANNELS TO MAINTAIN HANGER SPACING AND VERTICAL POSITION WHEN INTERRUPTED BY MECHANICAL, ELECTRICAL AND PLUMBING EQUIPMENT, OR ANY OTHER HORIZONTALLY RUN EQUIPMENT.
 - COORDINATE WITH ALL OTHER WORK SUPPORTED BY OR PENETRATING THE CEILING SYSTEMS, WHICH MAY BE MECHANICAL OR ELECTRICAL SYSTEMS INCLUDING BUT NOT LIMITED TO RETURN AND SUPPLY AIR DIFFUSERS, LIGHT FIXTURES, EMERGENCY LIGHTING, EXIT SIGNS, FIRE DETECTIONS SYSTEMS, FIRE SUPPRESSION SYSTEMS, AUDIO AND VISUAL EQUIPMENT.
 - FOR SELECTION AND INSTALLATION OF ELECTRICAL INTERIOR LIGHTING, REFERENCE ELECTRICAL ENGINEERING DRAWINGS AND WRITTEN SPECIFICATIONS, DIVISION 26, INCLUDING LIGHTING AND WIRING DEVICES.
 - CONTRACTOR IS REQUIRED TO FOLLOW ALL CODES AND REGULATIONS FOR SUPPORTING FIRE PROTECTION SPRINKLER SYSTEMS APPROPRIATELY. REFERENCE WRITTEN SPECIFICATIONS SECTION 21 0500 FOR COMMON WORK RESULTS FOR FIRE PROTECTION.
 - NEW LIGHT FIXTURES SHALL HAVE NEW LIGHT SWITCHING WHICH SHALL BE ADJACENT TO OR INCORPORATED IN A NEW ELECTRICAL SWITCH BOX, COORDINATE FINAL LOCATIONS WITH THE OWNER, AND DIRECTIVES ON THE ELECTRICAL ENGINEERING DRAWINGS AND WRITTEN SPECIFICATIONS.

CEILING PLAN LEGEND

SYMBOL/TAG	DESCRIPTION
MATCHLINE 'A'	MATCHLINE W/PLAN REFERENCE
ROOM NAME 101	ROOM NAME ROOM NUMBER ROOM IDENTIFICATION TAG
150 SF	ROOM AREA (IF PROVIDED)
GYP	CEILING TYPE CEILING HEIGHT/TAG
10'-0" AFF	CEILING HEIGHT *TIME TO MATCH EXISTING
[Symbol]	SUSPENDED GYPSUM WALLBOARD CEILING ASSEMBLY
[Symbol]	SUSPENDED GRID AND PANEL CEILING ASSEMBLY
[Symbol]	SPRINKLER HEAD LOCATION IF APPLICABLE.
LX, [Symbol]	VARIOUS LIGHT FIXTURES AND CALLOUTS - REFERENCE ELECTRICAL DWGS (L1, L2...)
Xx, [Symbol]	EXIT SIGN LIGHT FIXTURES AND CALLOUTS - REFERENCE ELECTRICAL DWGS (X1, X2...)
[Symbol]	MECHANICAL AIR DIFFUSERS/GRILLES REFERENCE MECHANICAL DRAWINGS

1 LEVEL 1- REFLECTED CEILING PLAN - BB
A121 1/8" = 1'-0"



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REFLECTED CEILING PLAN - BB BUILDING

ERIE COUNTY HEALTH LAB

BLDG 17 BB CC RENOVATIONS-

PHASE 3

Revision Number	Revision Date

Scale: AS NOTED

Date: 01/24/2023 Project Manager: SC

Drawn By: MM Checked By: SC

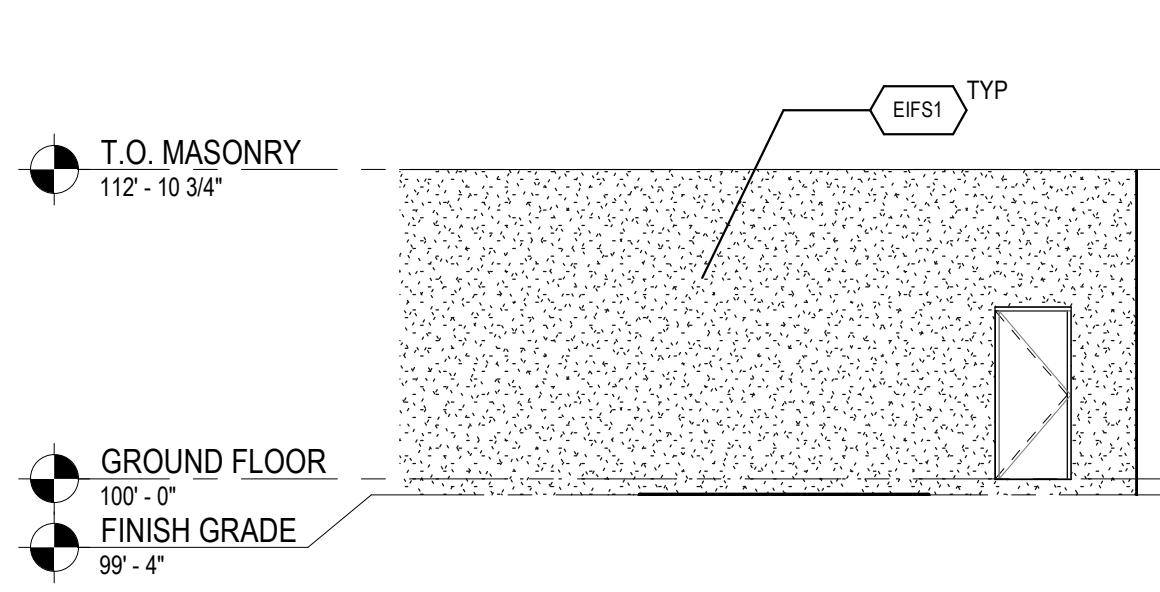
Project: 2021-885-02

Sheet: **A121**

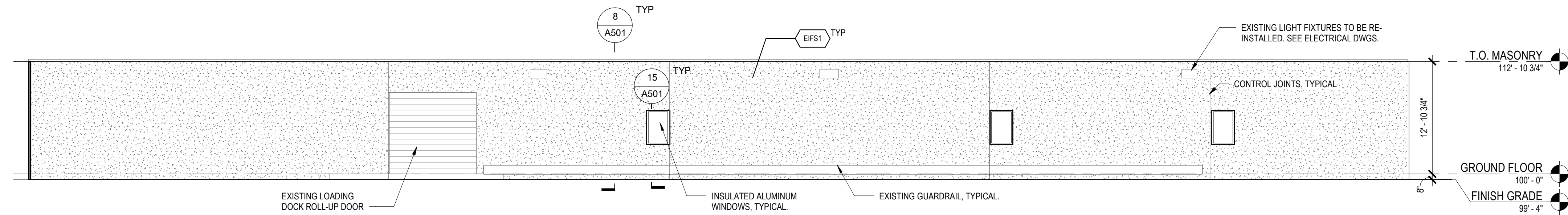
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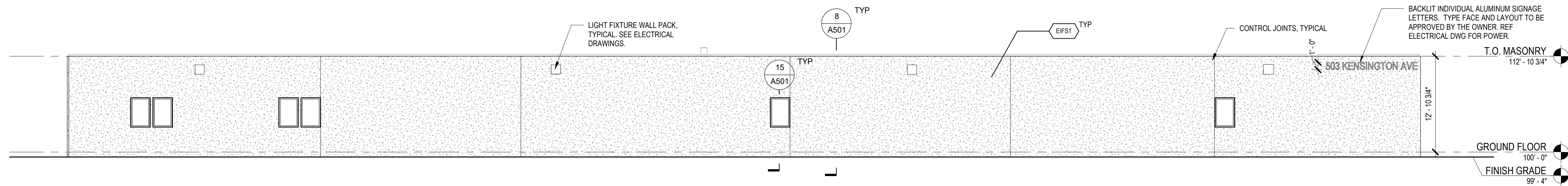
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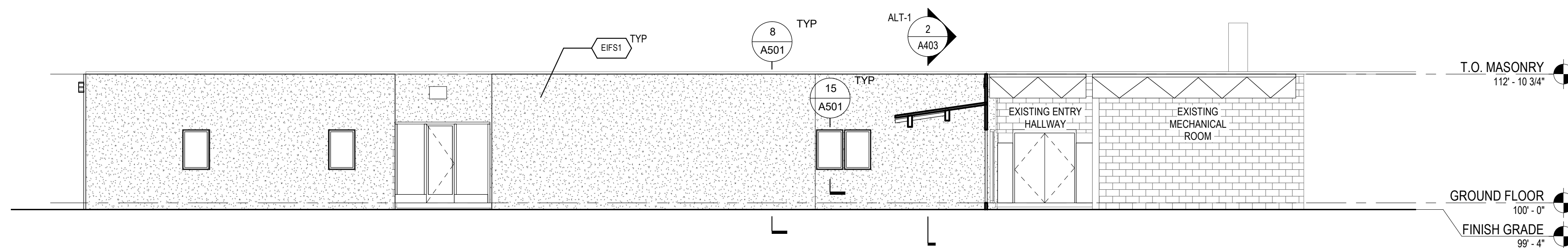
5 DOCKING SOUTH ELEVATION
 1/8" = 1'-0"



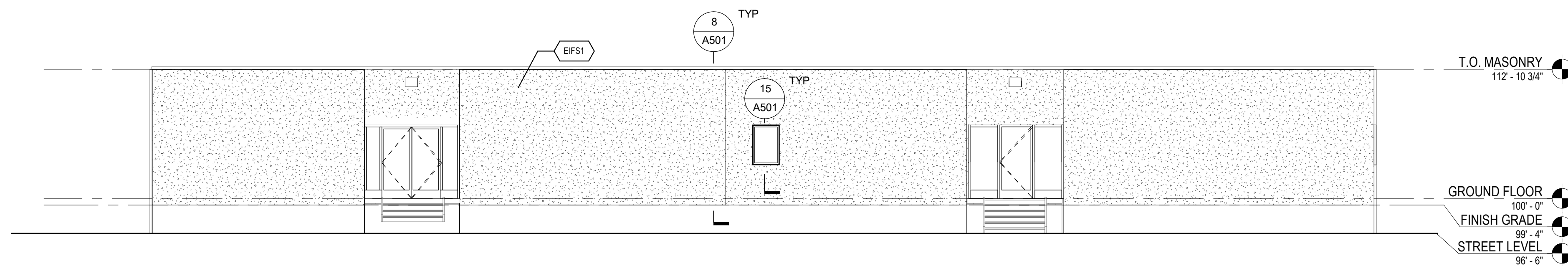
1 WEST ELEVATION
 1/8" = 1'-0"



2 EAST ELEVATION
 1/8" = 1'-0"



3 NORTH ELEVATION
 1/8" = 1'-0"



4 SOUTH ELEVATION
 1/8" = 1'-0"

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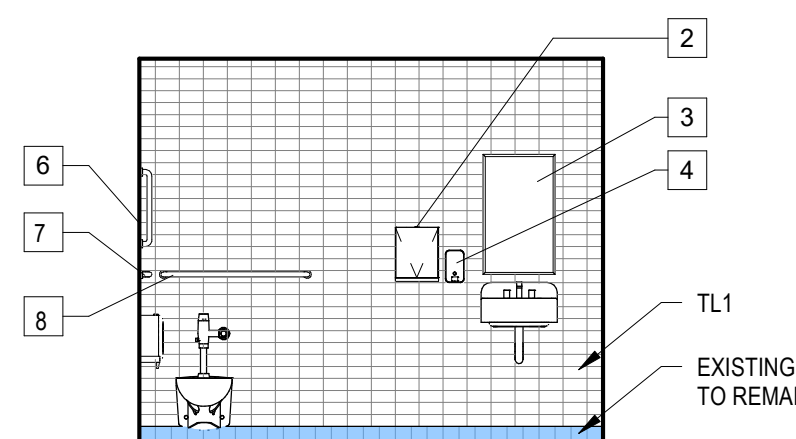
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EXTERIOR ELEVATIONS
ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS-
PHASE 3



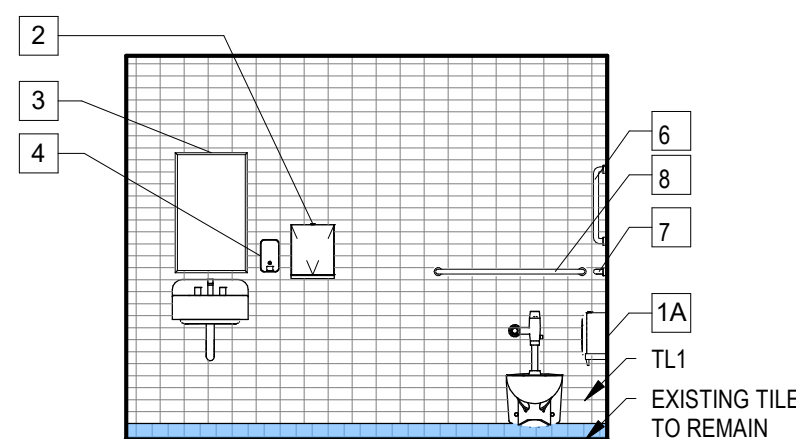
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Scale: AS NOTED
 Date: 01/24/2023 Project Manager: SC
 Drawn By: MC Checked By: SC
 Project: 2021-885-02
 Sheet: **A200**



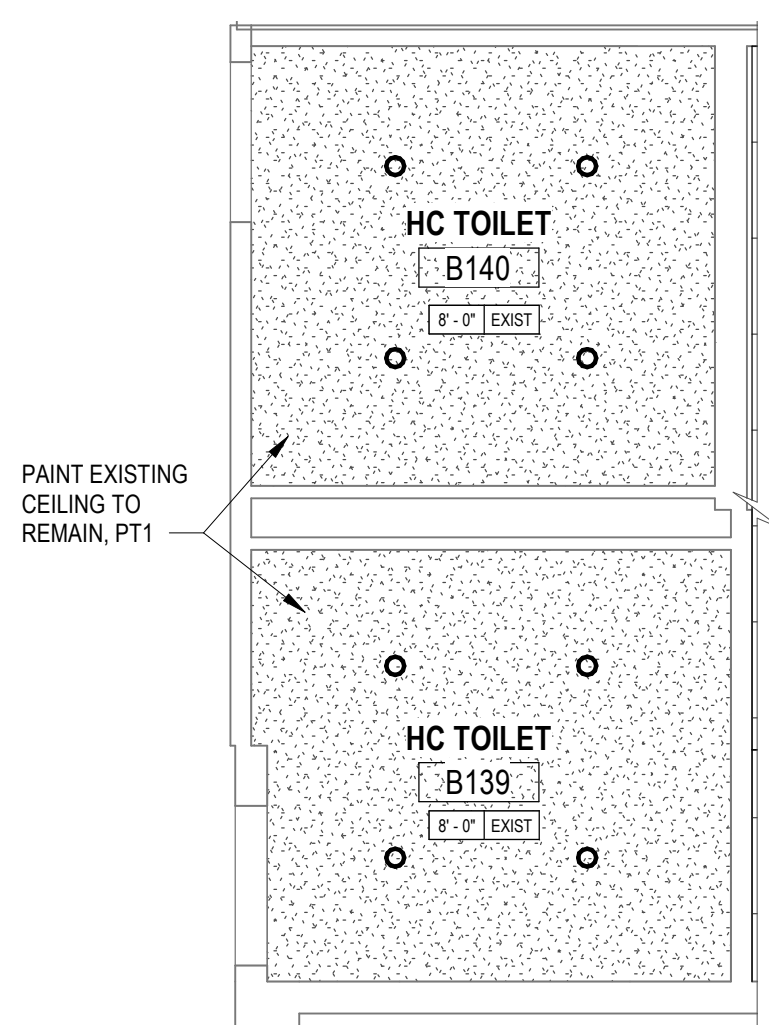
**INT. ELEV. - BB -
HC TOILET SOUTH**

6
A400
1/4" = 1'-0"



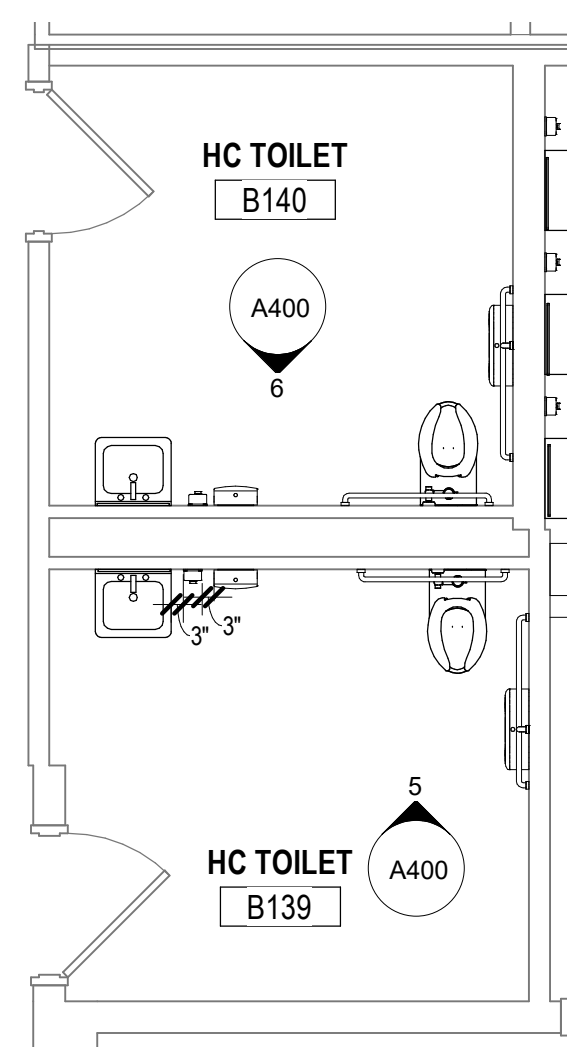
**INT. ELEV. - BB -
HC TOILET - NORTH**

5
A400
1/4" = 1'-0"



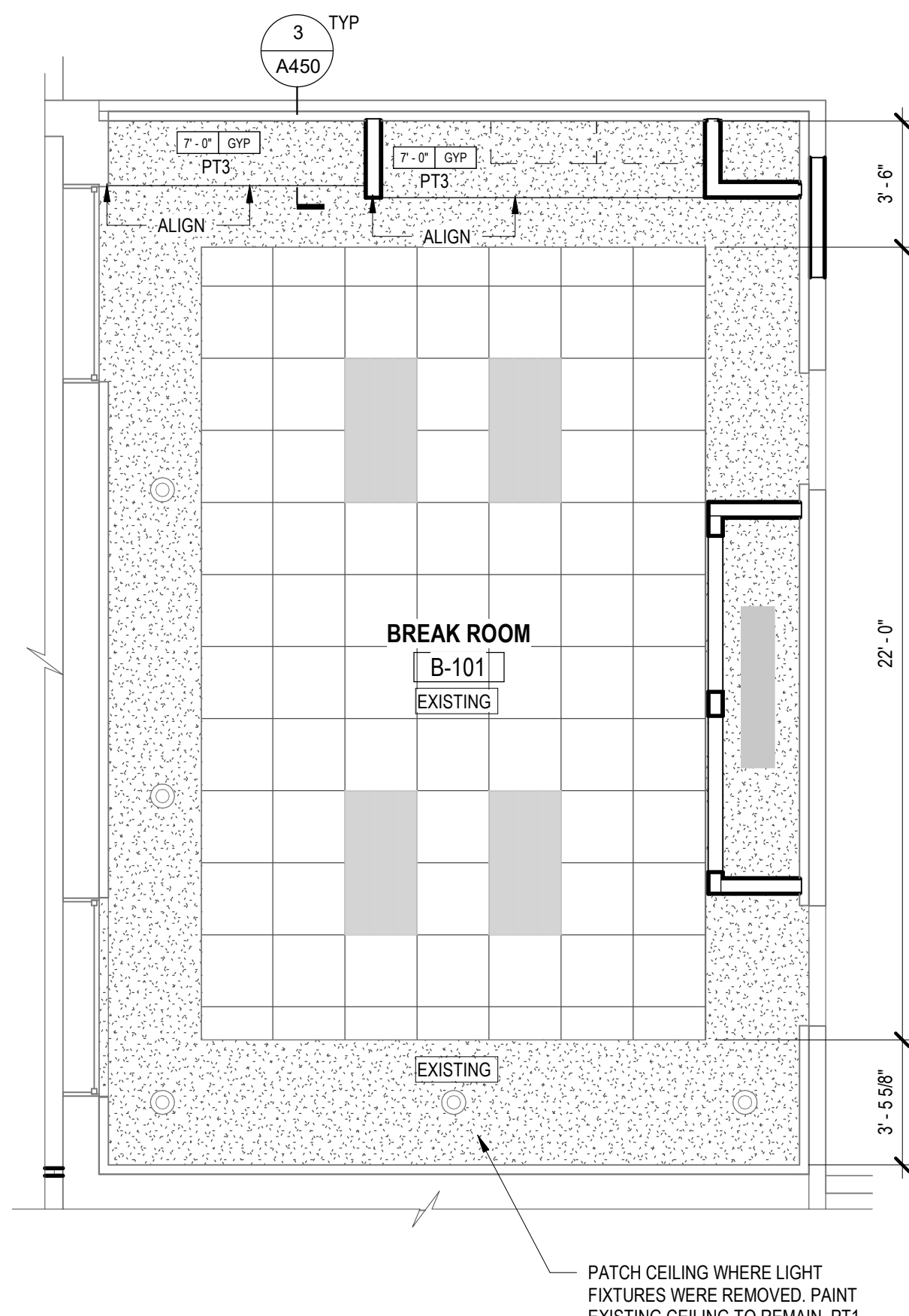
**REFLECTED CEILING PLAN
BB - HC TOILETS**

4
A400
1/4" = 1'-0"



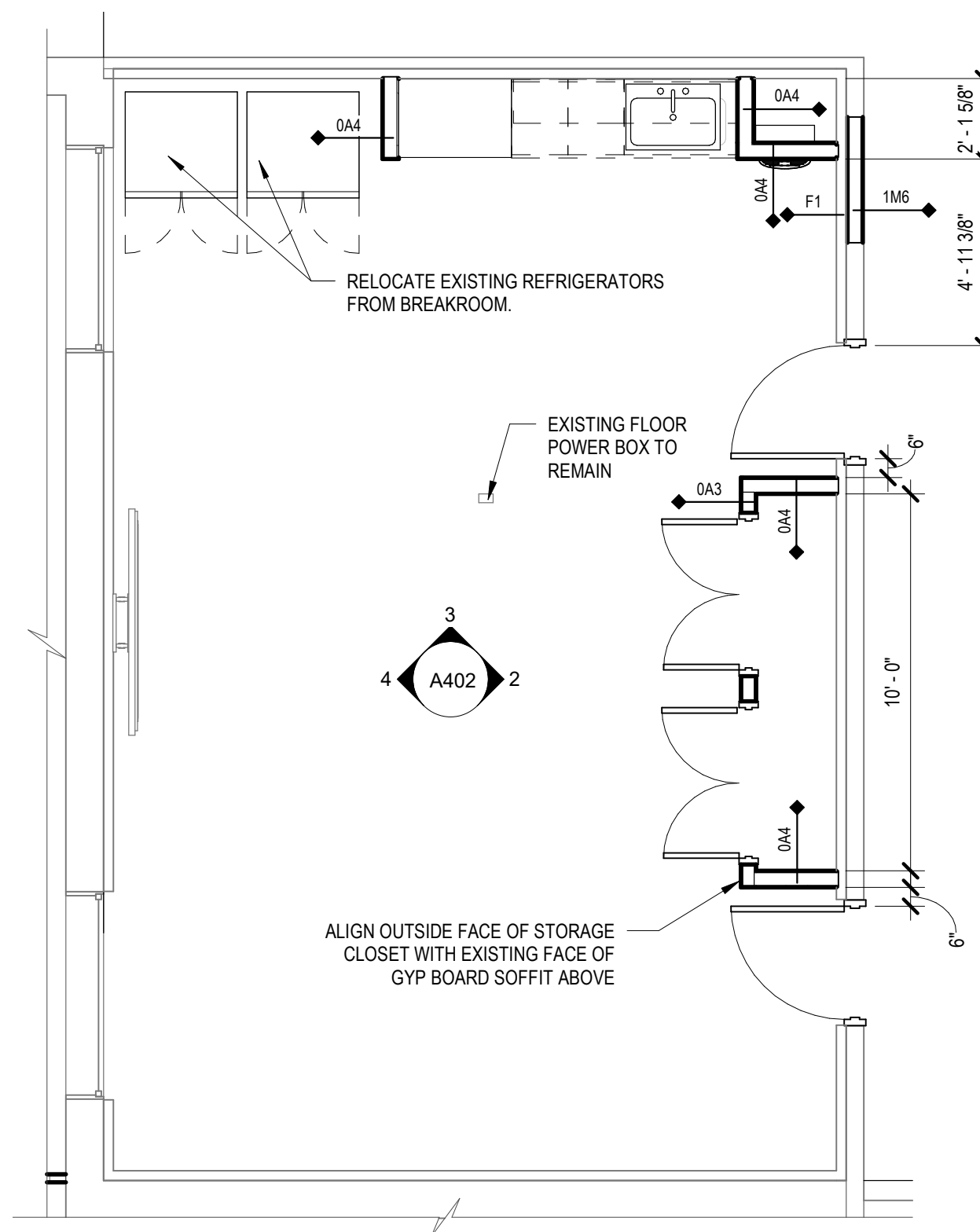
**ENLARGED FLOOR PLAN
BB - HC TOILETS**

10
A400
1/4" = 1'-0"



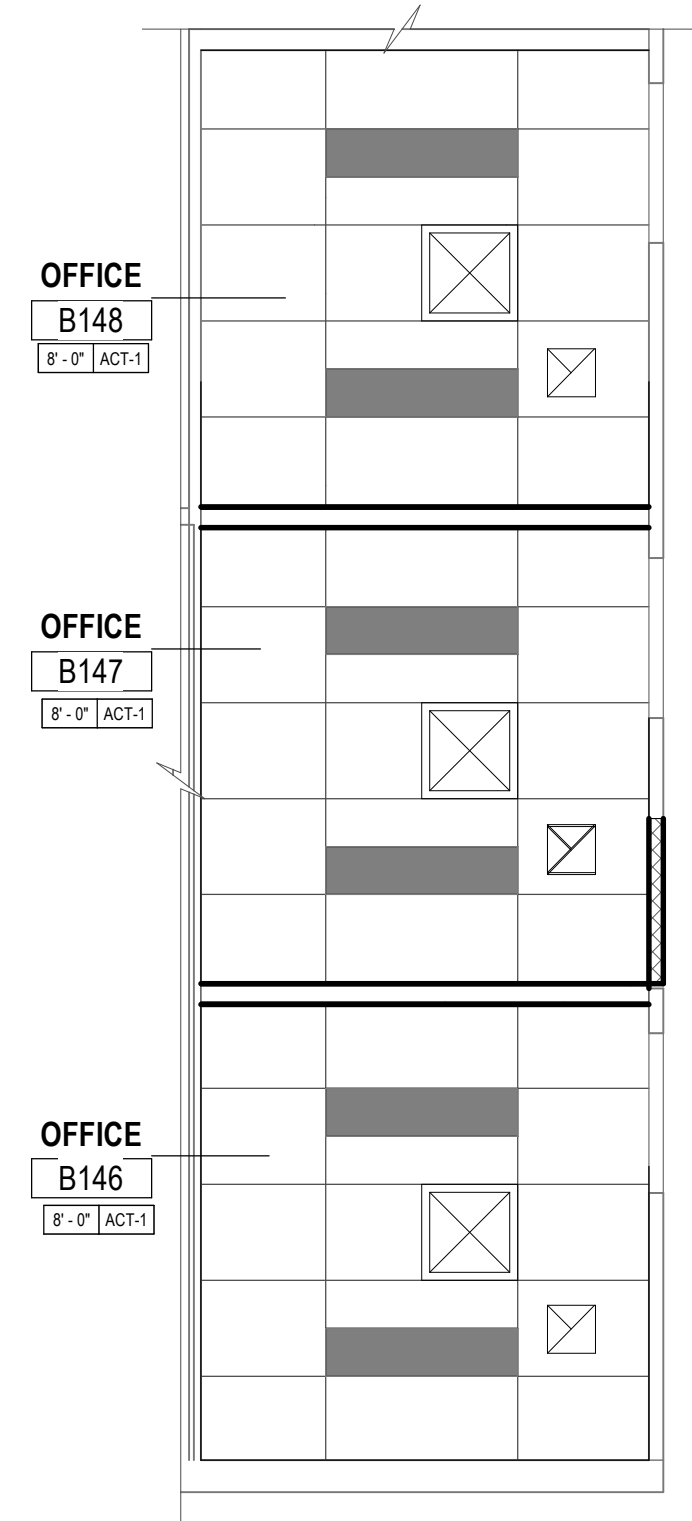
**REFLECTED CEILING PLAN
FIRST FLOOR BB - BREAK ROOM**

3
A400
1/4" = 1'-0"



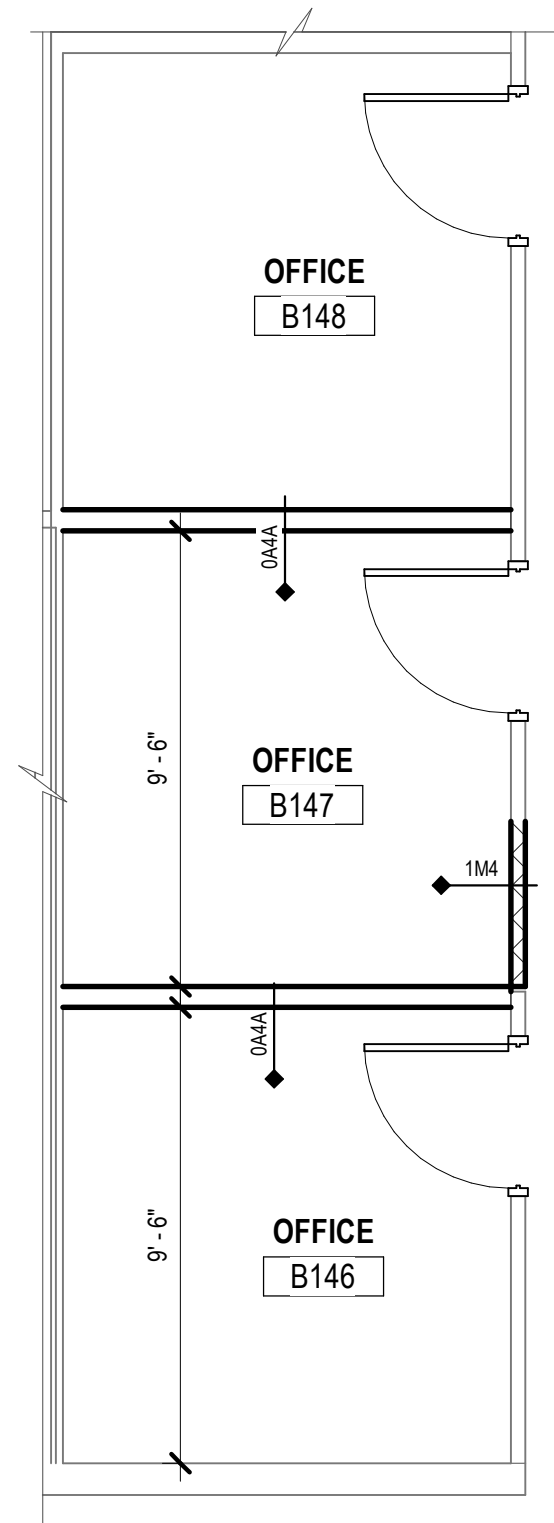
**ENLARGED FLOOR PLAN - BB -
BREAK ROOM**

9
A400
1/4" = 1'-0"



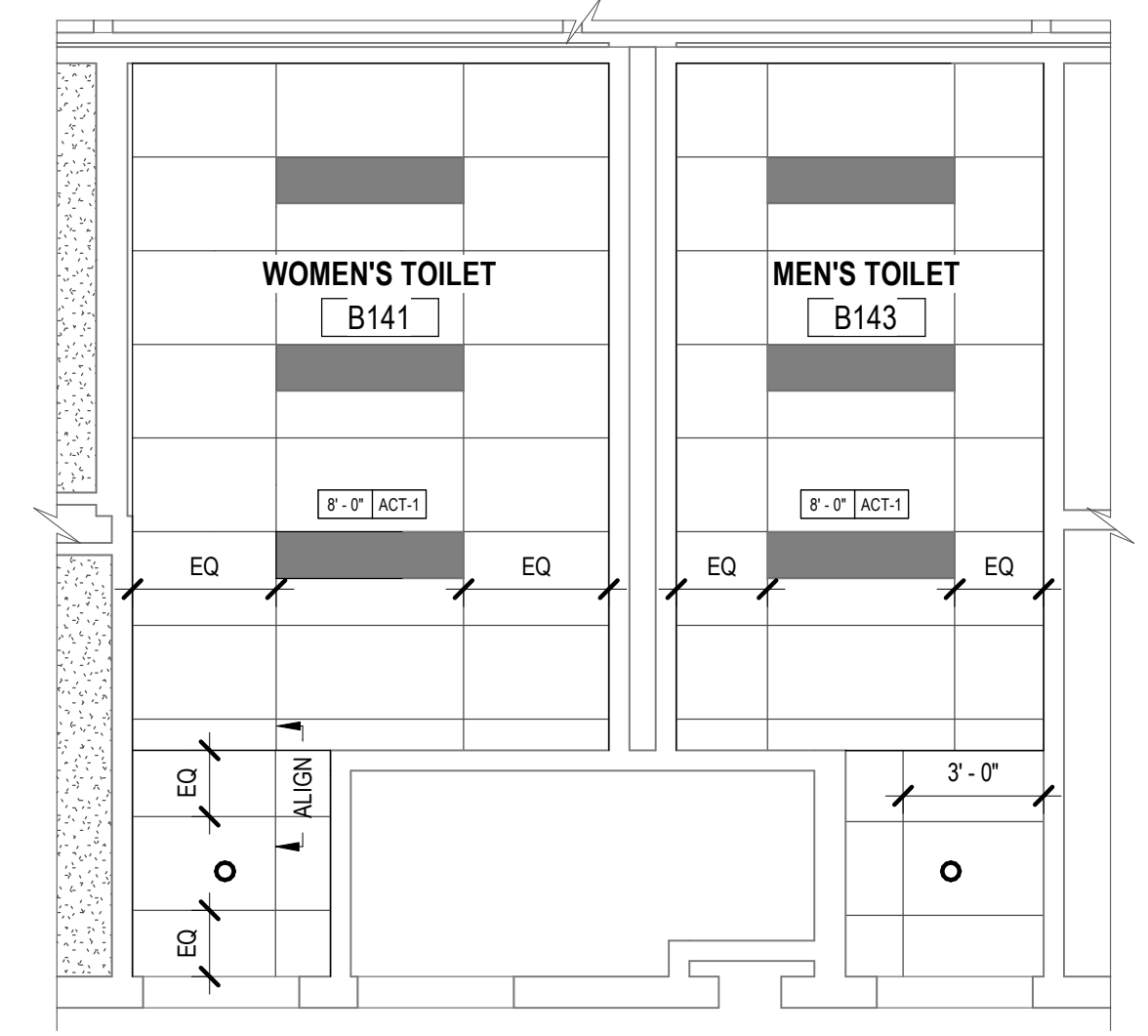
**REFLECTED CEILING PLAN
FIRST FLOOR - BB - OFFICE**

2
A400
1/4" = 1'-0"



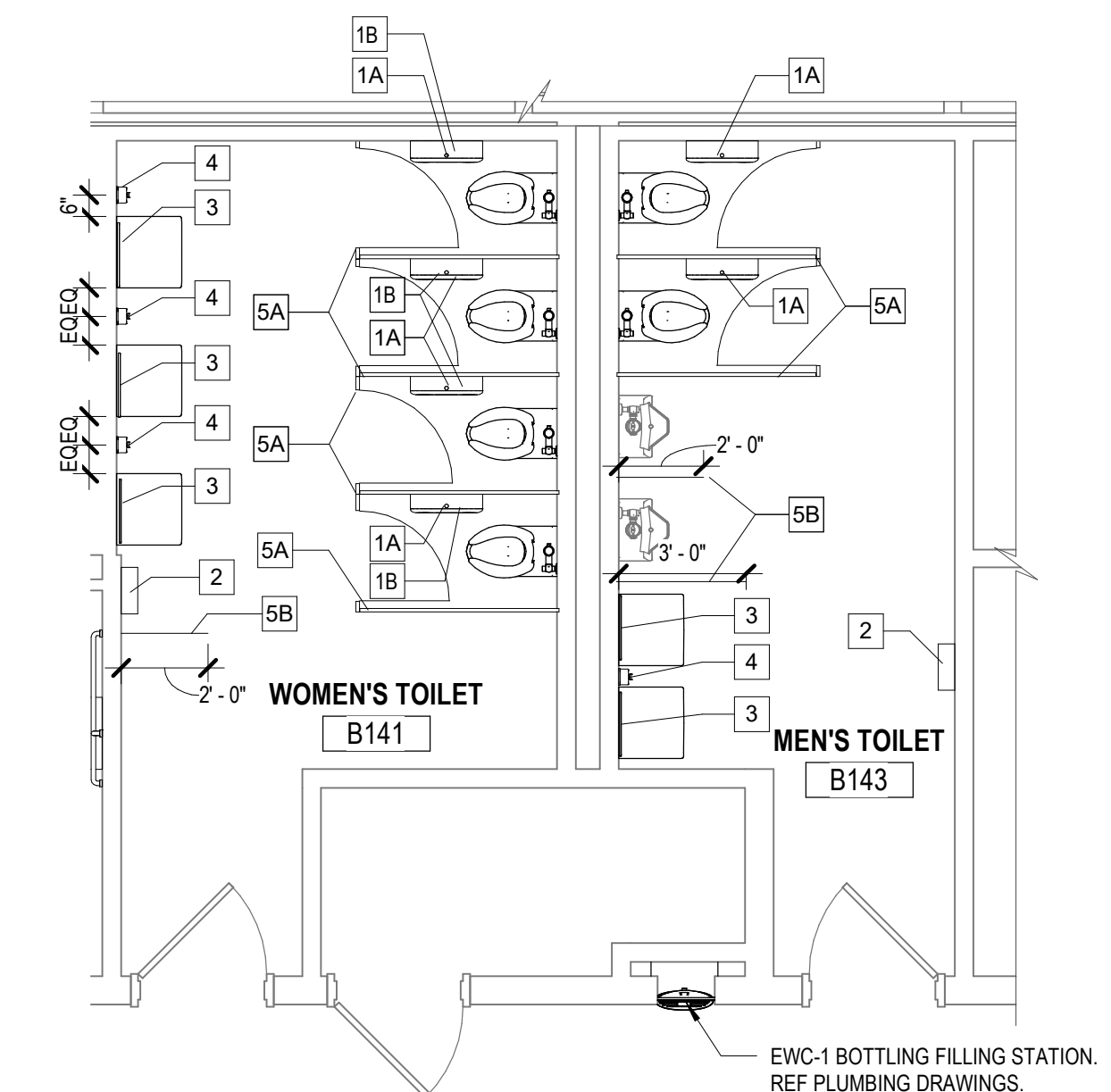
ENLARGED FLOOR PLAN - BB - OFFICE

8
A400
1/4" = 1'-0"



**REFLECTED CEILING PLAN
BB - WASHROOMS**

1
A400
1/4" = 1'-0"



ENLARGED FLOOR PLAN - BB - WASHROOMS

7
A400
1/4" = 1'-0"

RESTROOM NOTES

- DIMENSIONS AND CLEARANCES PROVIDED IN THE DRAWINGS FOR RESTROOMS (PLANS AND ELEVATIONS) ARE IN COMPLIANCE WITH INTERNATIONAL BUILDING CODE 2015 AND THE ICC/ANSI A117.1 STANDARDS (UDN)
- GRAB BARS AND OTHER WALL MOUNTED ACCESSORIES ARE ILLUSTRATED IN ELEVATION AND PLANS, SHOWING TYPICAL MOUNTING HEIGHT, LOCATIONS AND CLEARANCES REQUIRED. WOOD BLOCKING SHALL BE PROVIDED FOR ALL WALL MOUNTED ACCESSORIES IN METAL STUD WALLS, INCLUDING GRAB BARS. COORDINATE WITH THE EQUIPMENT MANUFACTURER'S INSTALLATION INSTRUCTIONS. EXPANSION ANCHORS SHALL BE USED IN MASONRY WALLS. PROVIDE EITHER 2X6 WOOD BLOCKING OR METAL STRAP BLOCKING BETWEEN STUDS WITHIN THE WALLS AT GYP BD PARTITIONS TO SUPPORT MILLWORK.
- LOCATION AND TYPE OF PLUMBING FIXTURES SHALL BE COORDINATED WITH THE PLUMBING ENGINEERING DRAWINGS AND SCHEDULES.
- FURNISH AND INSTALL ALL ACCESSORIES INDICATED FOR EACH RESTROOM. ADDITIONAL ACCESSORY INFORMATION IS PROVIDED IN THE ACCESSORIES SCHEDULE AND WRITTEN SPECIFICATIONS.
- IF GRAB BARS ARE MOUNTED TO TOILET PARTITIONS, USE TAMPER PROOF THROUGH BOLTS IN LIEU OF STANDARD ANCHORS/SCREWS. PROVIDE ADDITIONAL SUPPORTS AT WALL MOUNTING FOR TOILET PARTITION TO SUPPORT ADDITIONAL EXPECTED WEIGHT BEING INDUCED ON PARTITION WITH GRAB BAR USE.
- LAVATORY EXPOSED PIPING SHALL HAVE PROTECTION COVERS MEETING WITH MEETING WITH ICC/ANSI A117.1 SECTION 606.6.

TOILET AND BATH ACCESSORIES

TAG	DESCRIPTION
1A	TOILET TISSUE DISPENSER
1B	SANITARY NAPKIN DISPENSER
2	PAPER TOWEL DISPENSER
3	18" x 30" MIRROR
4	SOAP DISPENSER
5A	STAINLESS STEEL TOILET PARTITIONS
5B	STAINLESS STEEL URINAL/PRIVACY SCREEN
6	18" GRAB BAR
7	36" GRAB BAR
8	42" GRAB BAR

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ENLARGED PLANS- BB BUILDING

**ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS-
PHASE 3**

REGISTERED ARCHITECT
SHAWN M. COVEY
STATE OF NEW YORK

Revision Number	Revision Date

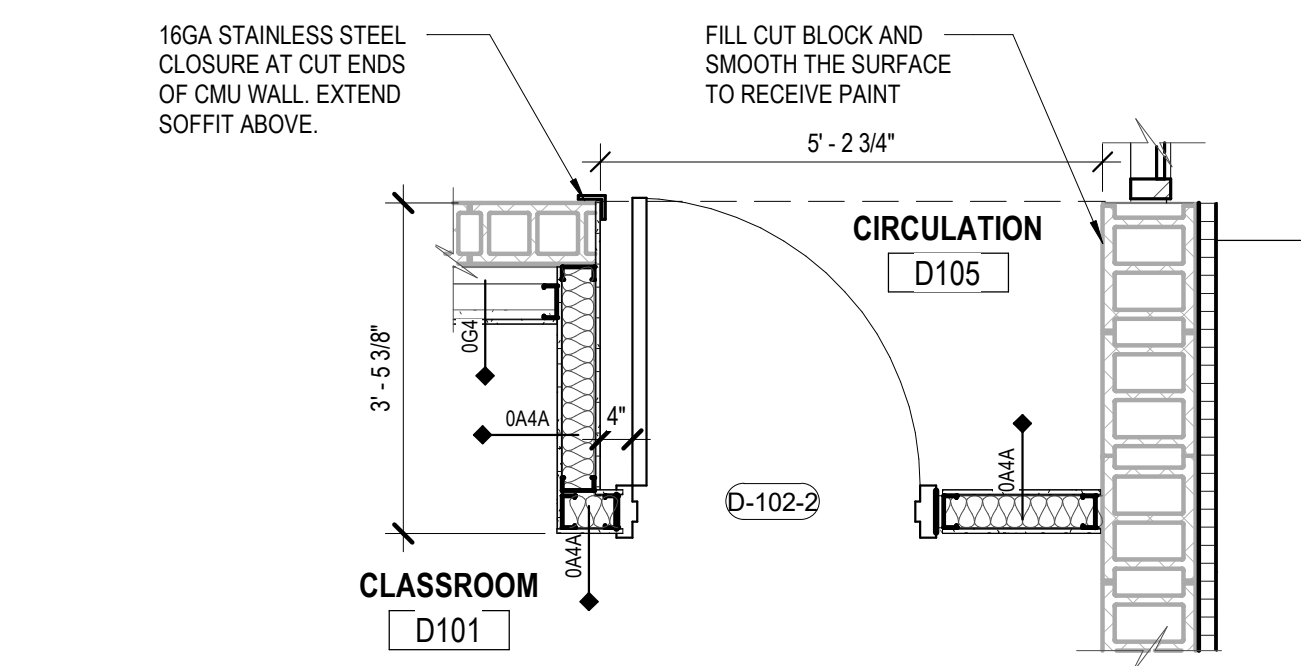
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Project Manager: SC

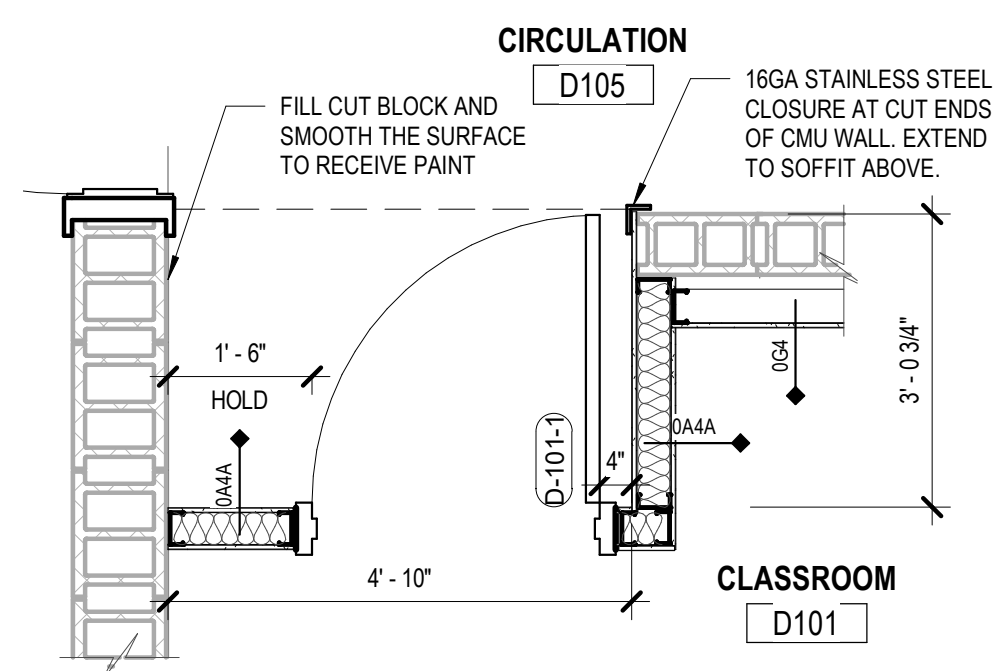
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Checked By: SC

Project: 2021-885-02

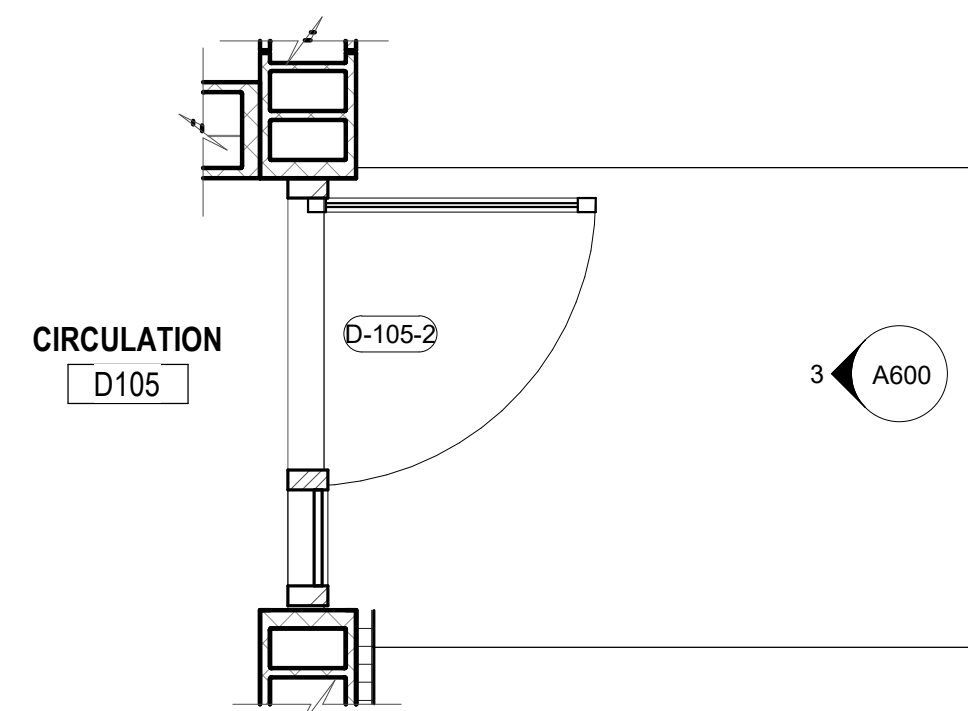
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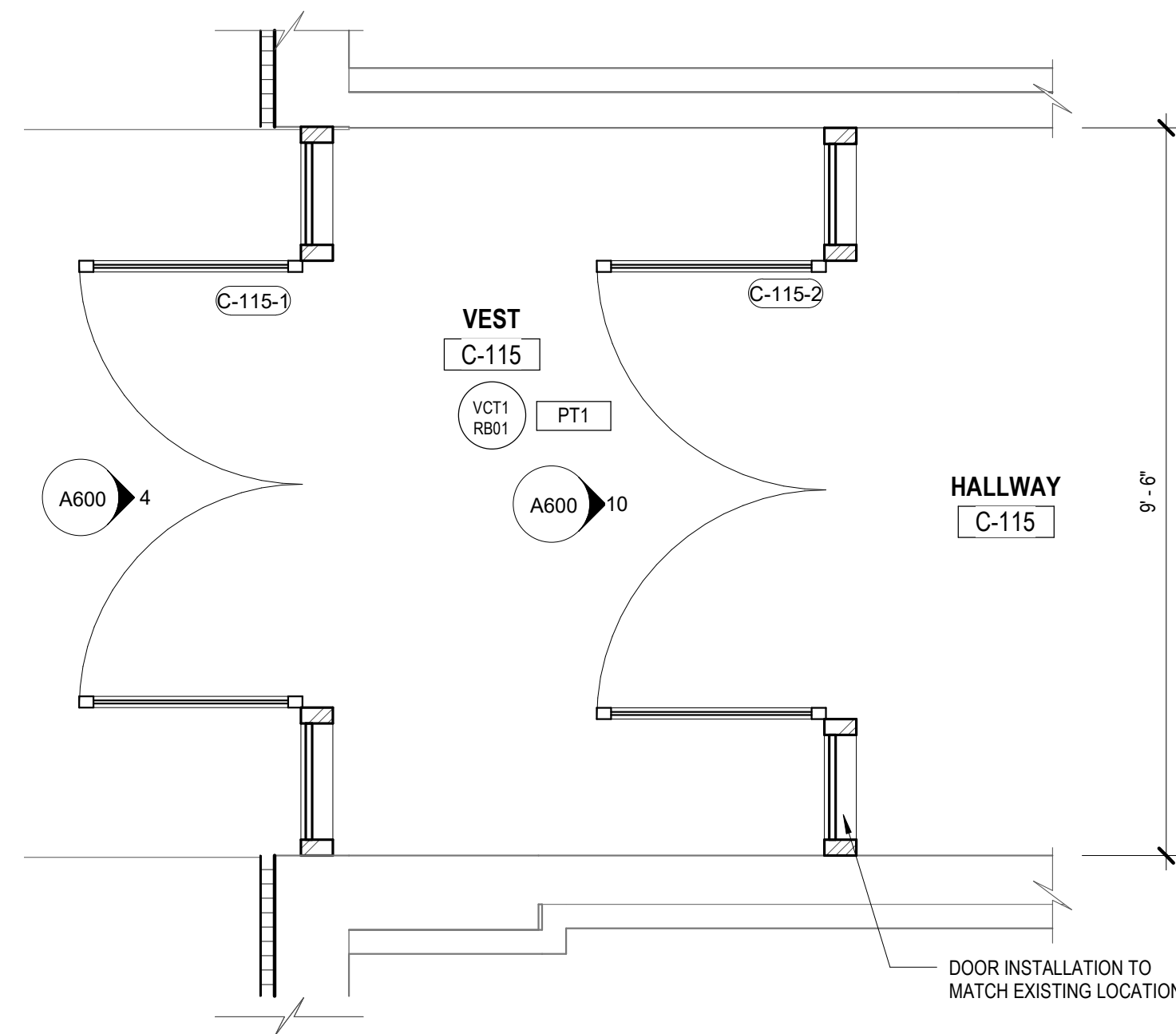
9
A404
1/2" = 1'-0"



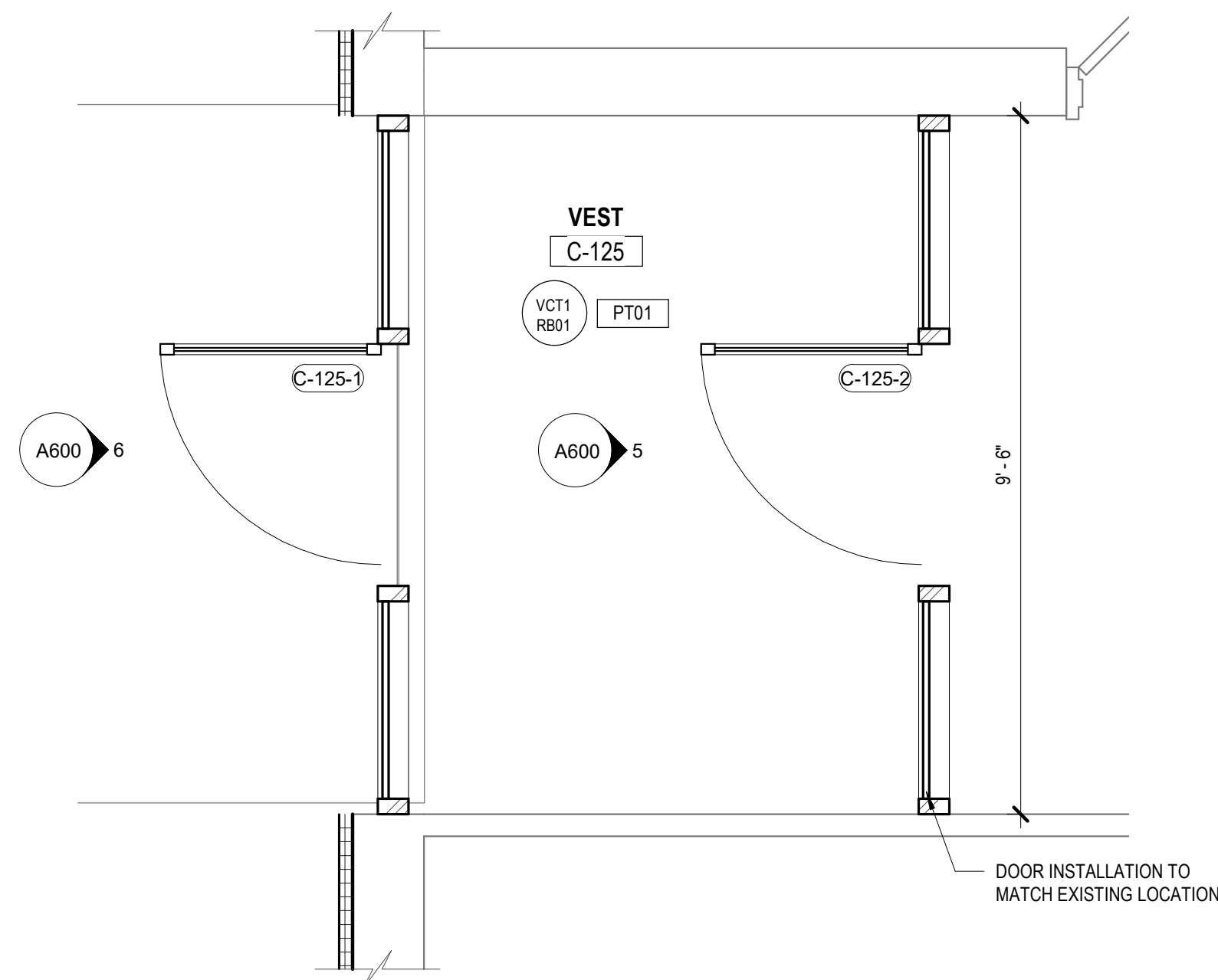
8
A404
1/2" = 1'-0"



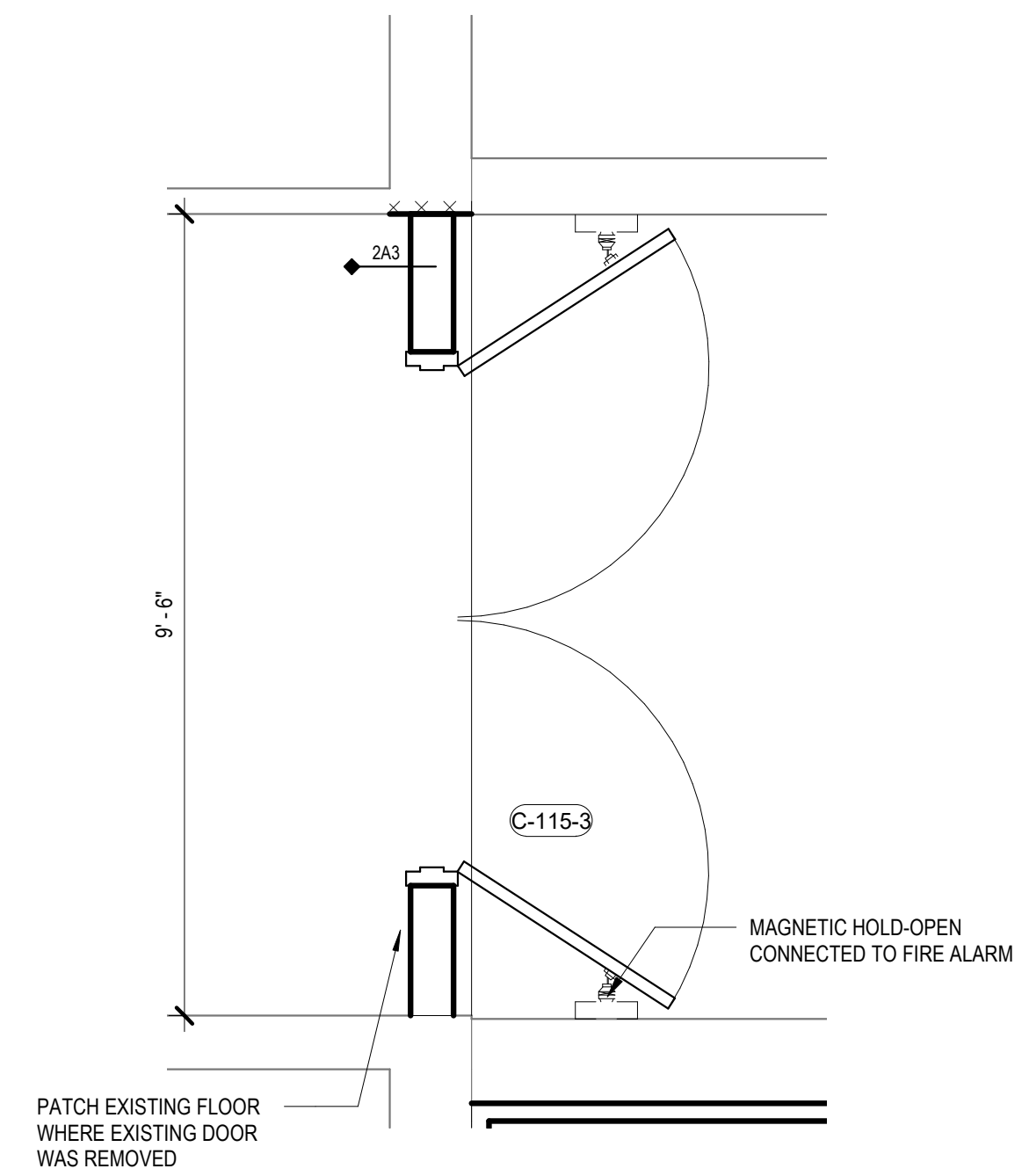
7
A404
1/2" = 1'-0"



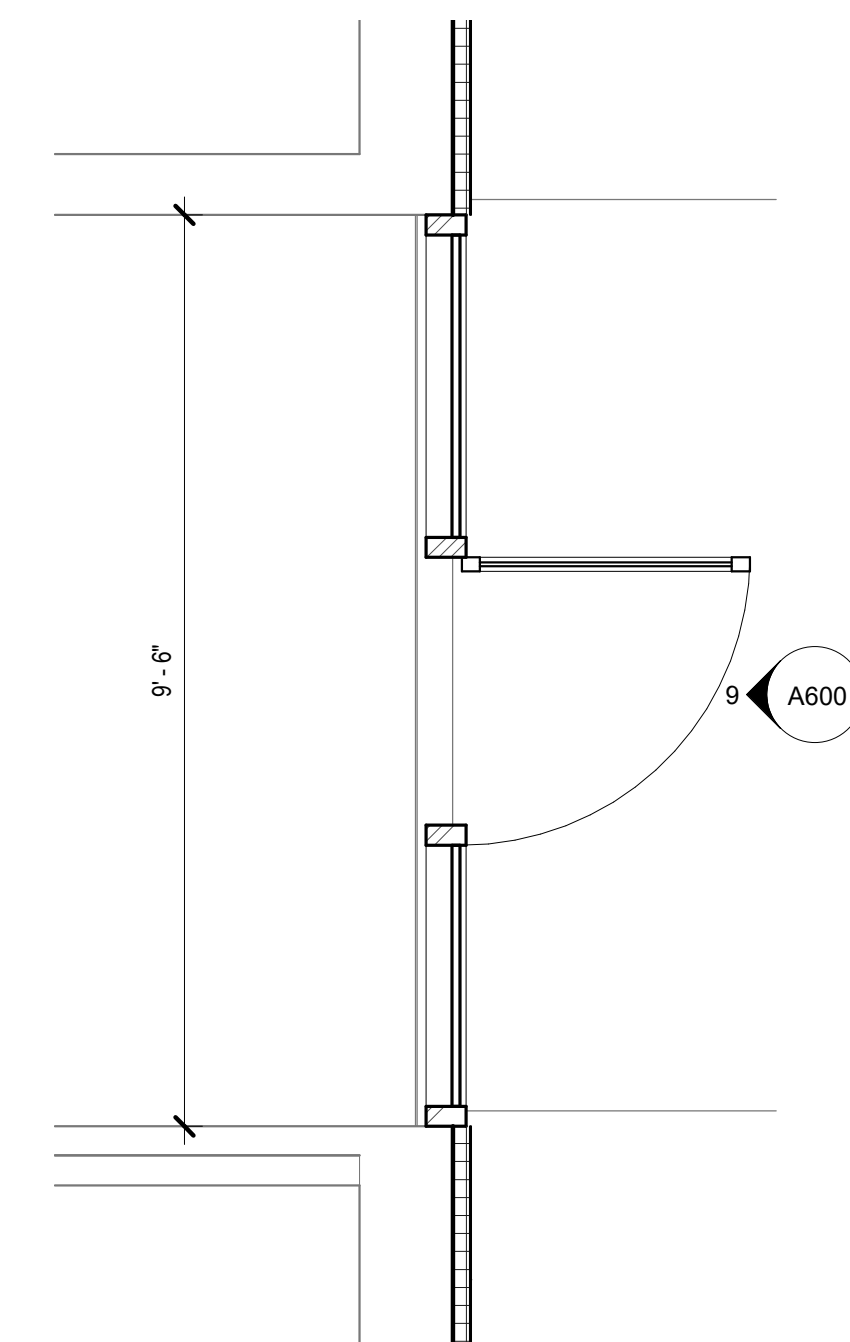
2
A404
1/2" = 1'-0"



3
A404
1/2" = 1'-0"



4
A404
1/2" = 1'-0"



5
A404
1/2" = 1'-0"

ENLARGED PLANS & INTERIOR ELEVATIONS
ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS-
PHASE 3



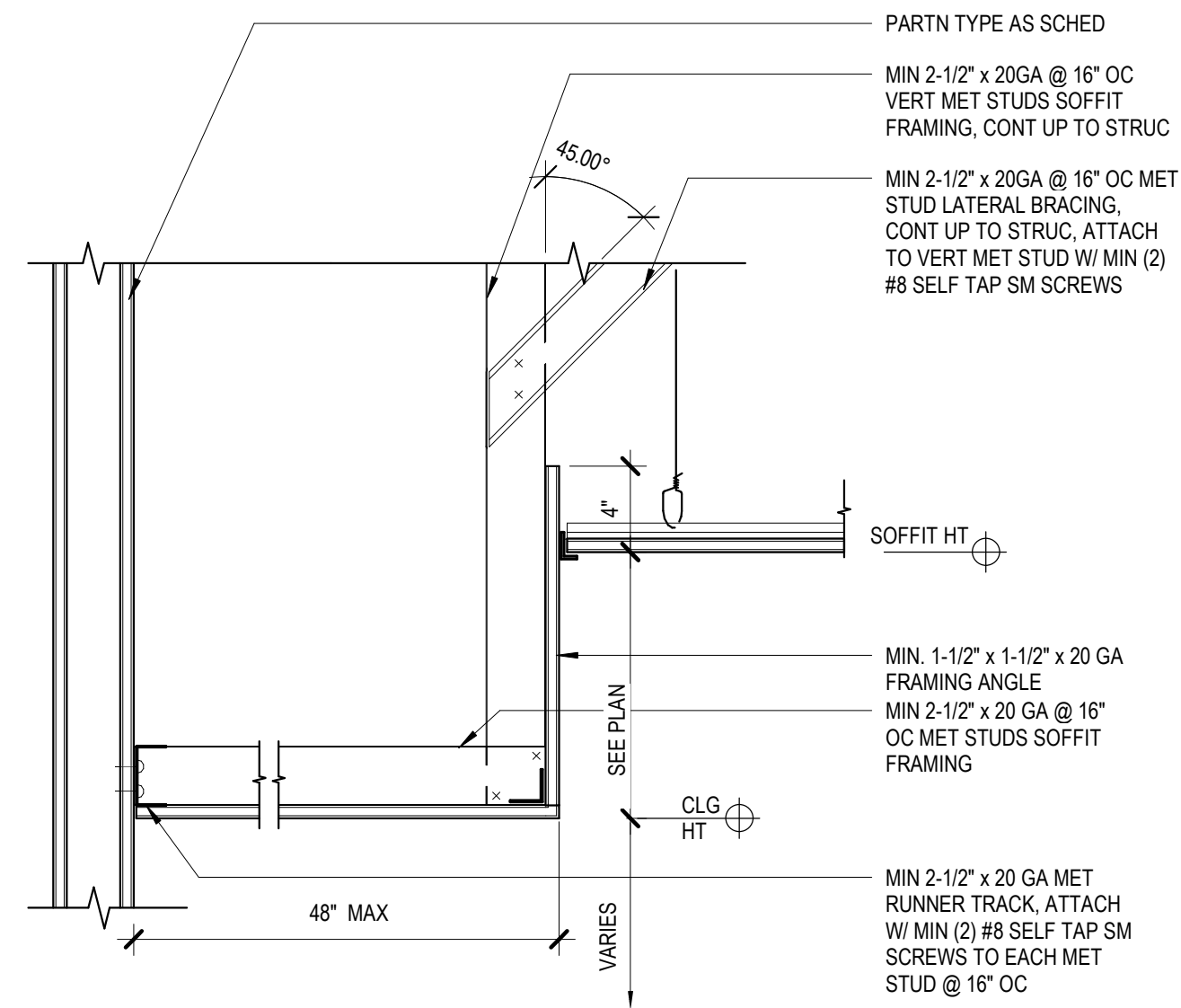
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Date:	Project Manager:
01/24/2023	SC
Drawn By:	Checked By:
MM	SC
Project:	2021-885-02

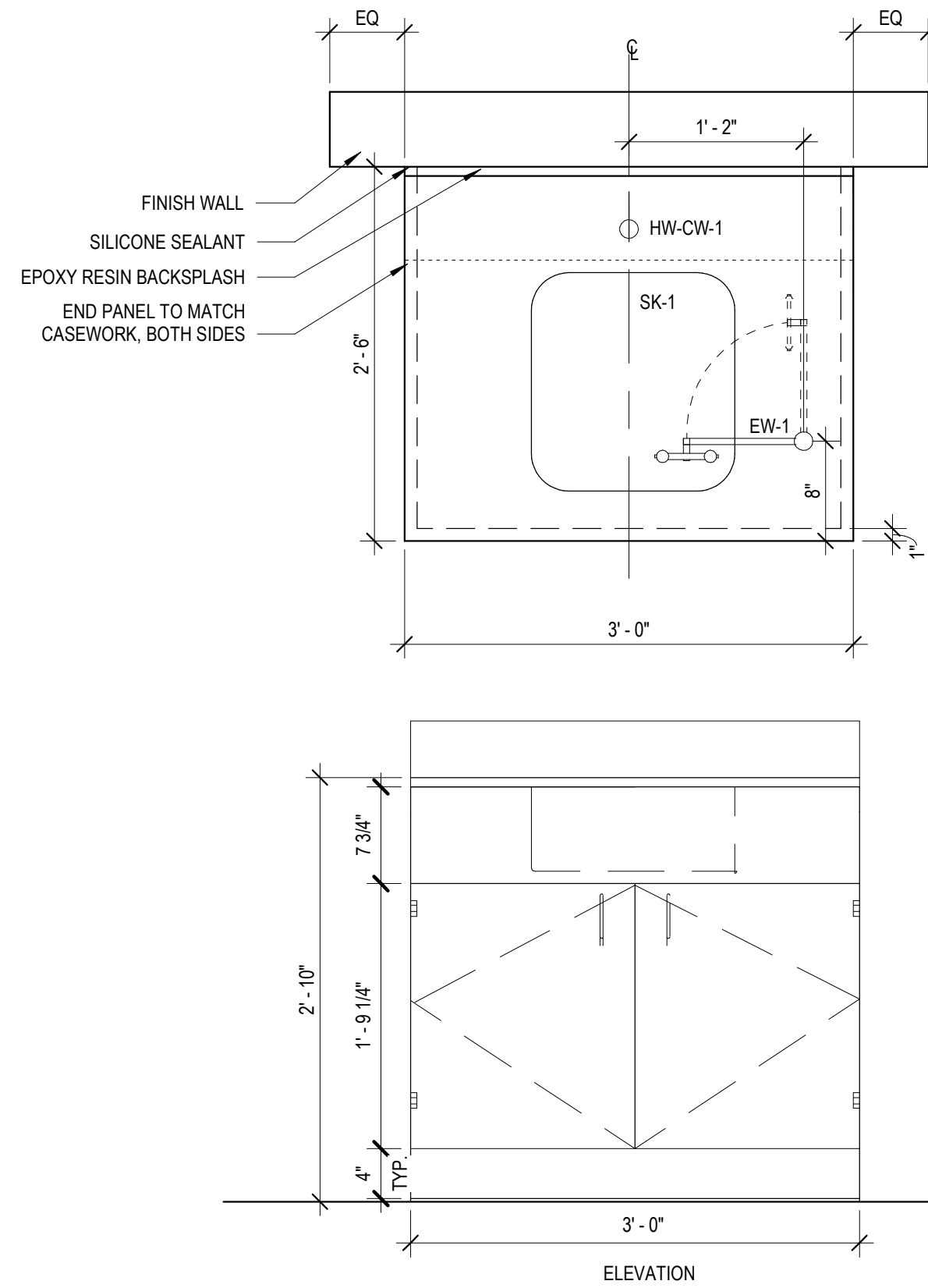
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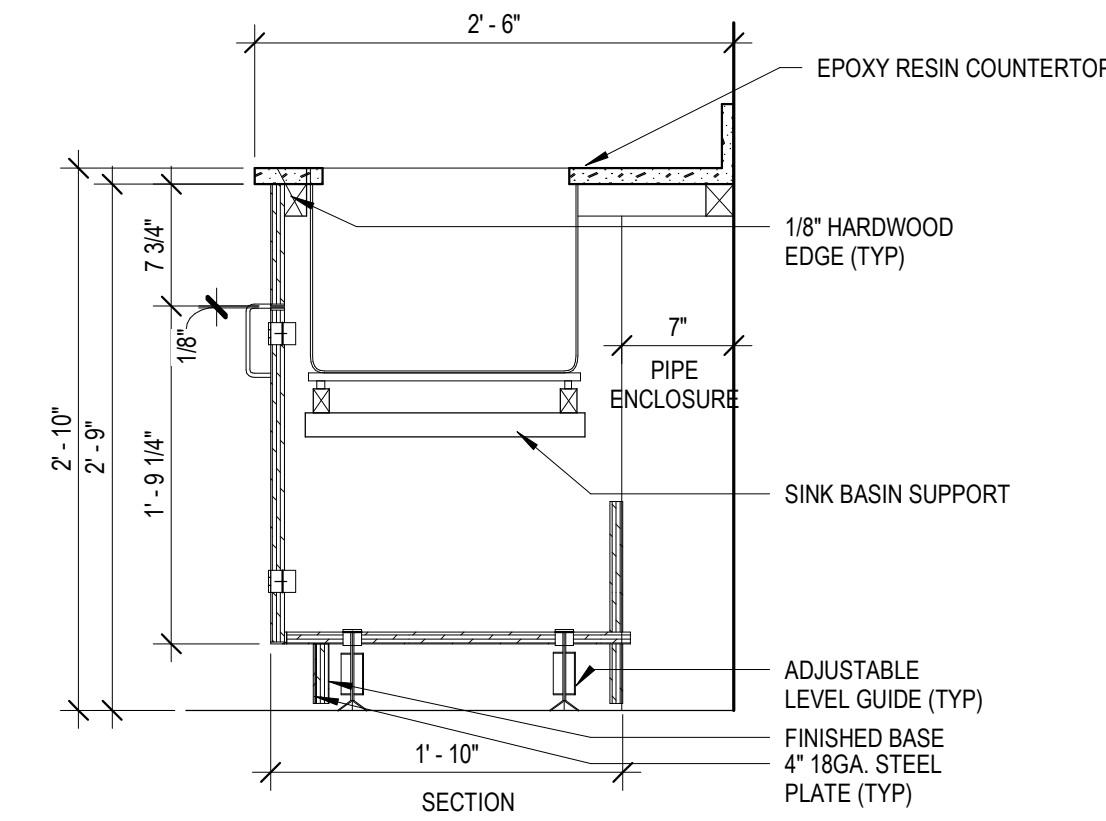


3
A450
1 1/2" = 1'-0"

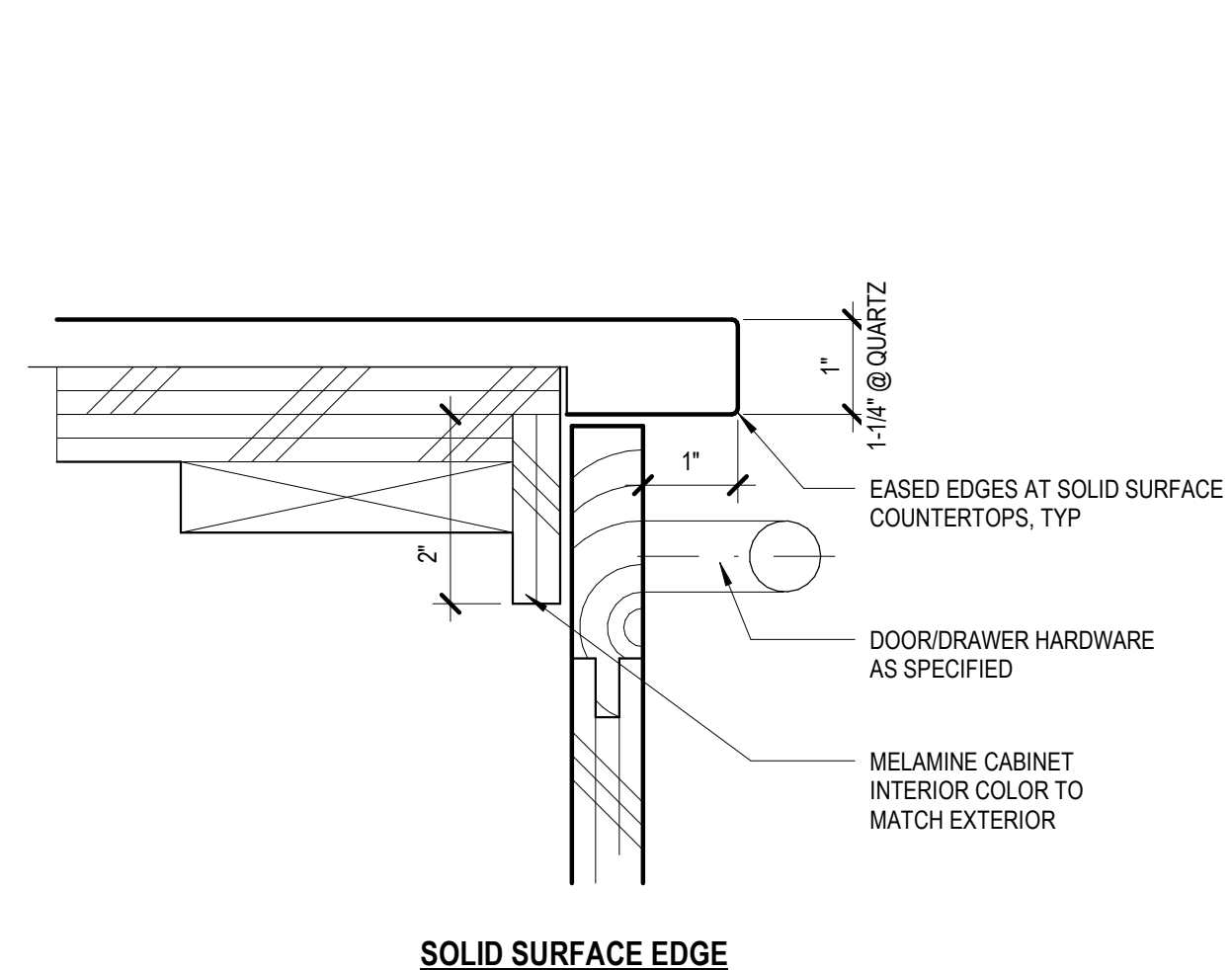
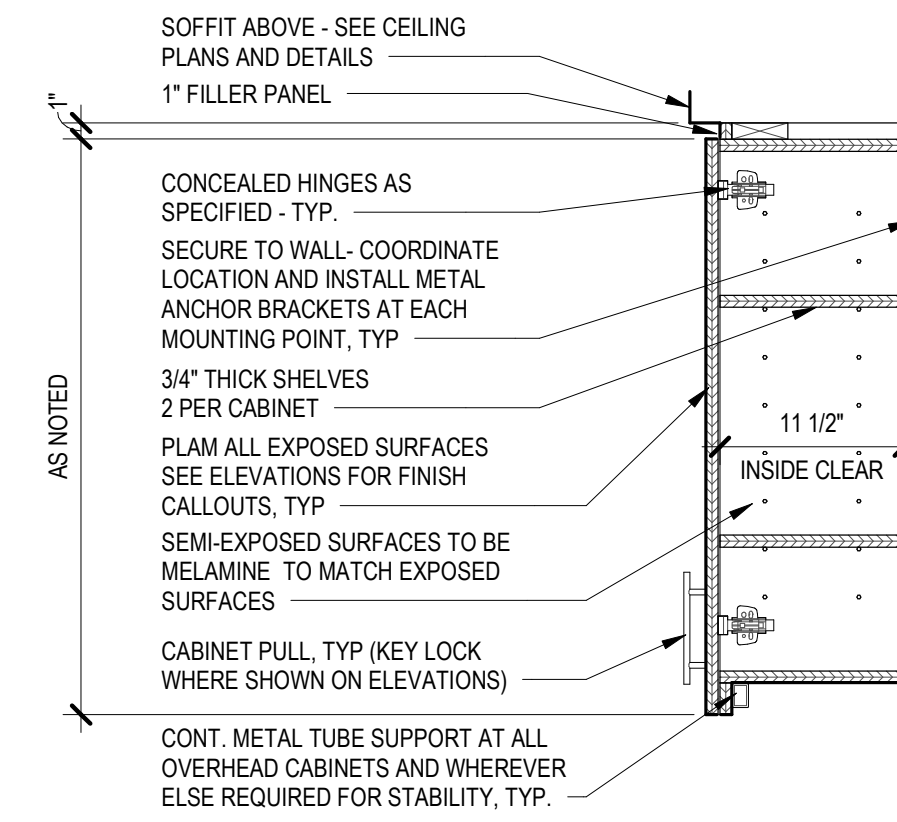


2
A450
1" = 1'-0"

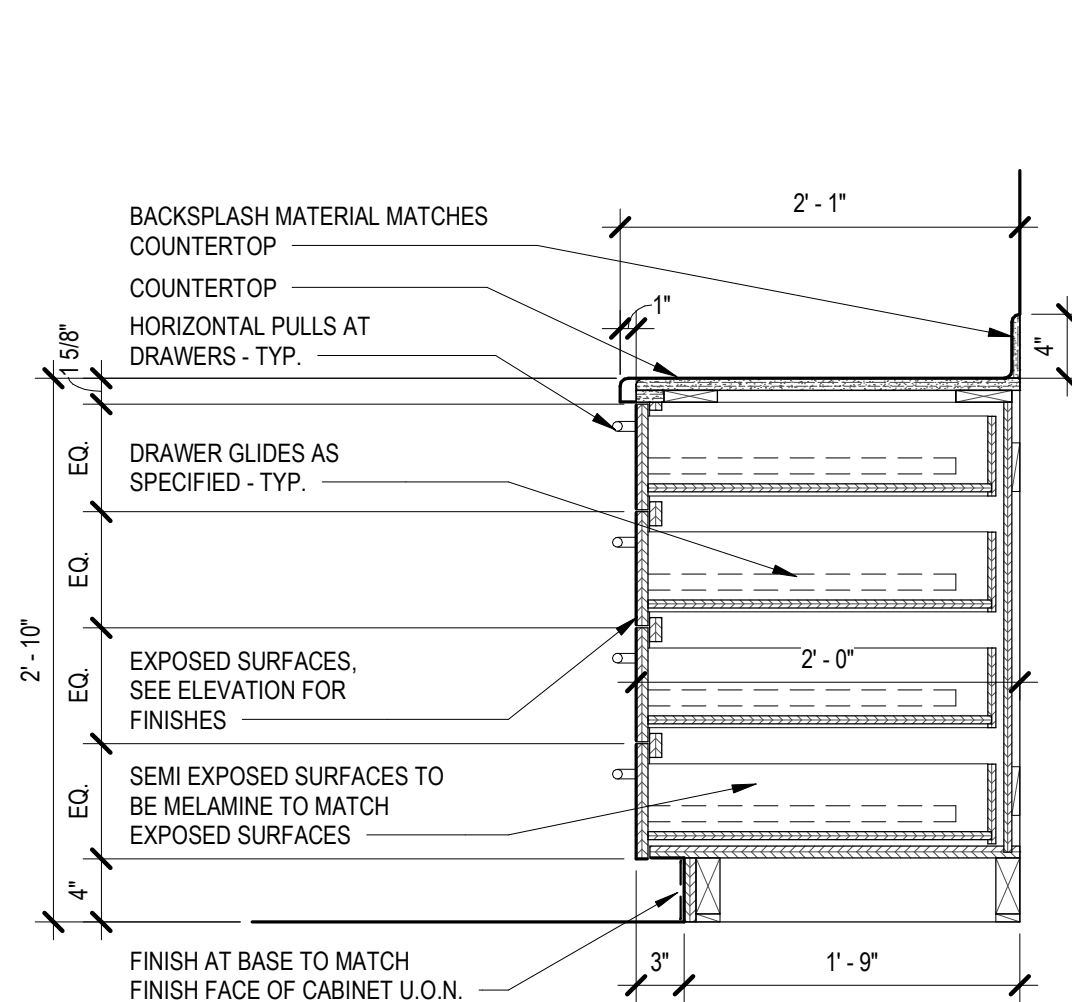
FIXTURE SCHEDULE		
TYPE	COMMENTS	MODEL
EW-1	WATERSAVER EYEWASH, DECK MOUNTED AUTOFLOW 50 DEGREE SWIVEL, RIGHT HAND MOUNTING.	EW805
HW-CW-1	COLORTECH LABORATORY MIXING FAUCET, DECK MOUNTED, 10" RIGID/SWING VACUUM BREAKER GOOSENECK	CT414-10 VB
SK-1	EPOXY RESIN UNDER MOUNT 24" LENGTH, 16" WIDTH, 12" DEPTH	
CABINET	MOTT MANUFACTURING ARCHITECTURAL OVERLAY POWDER COATED FRONT END PANELS ON BOTH SIDES	



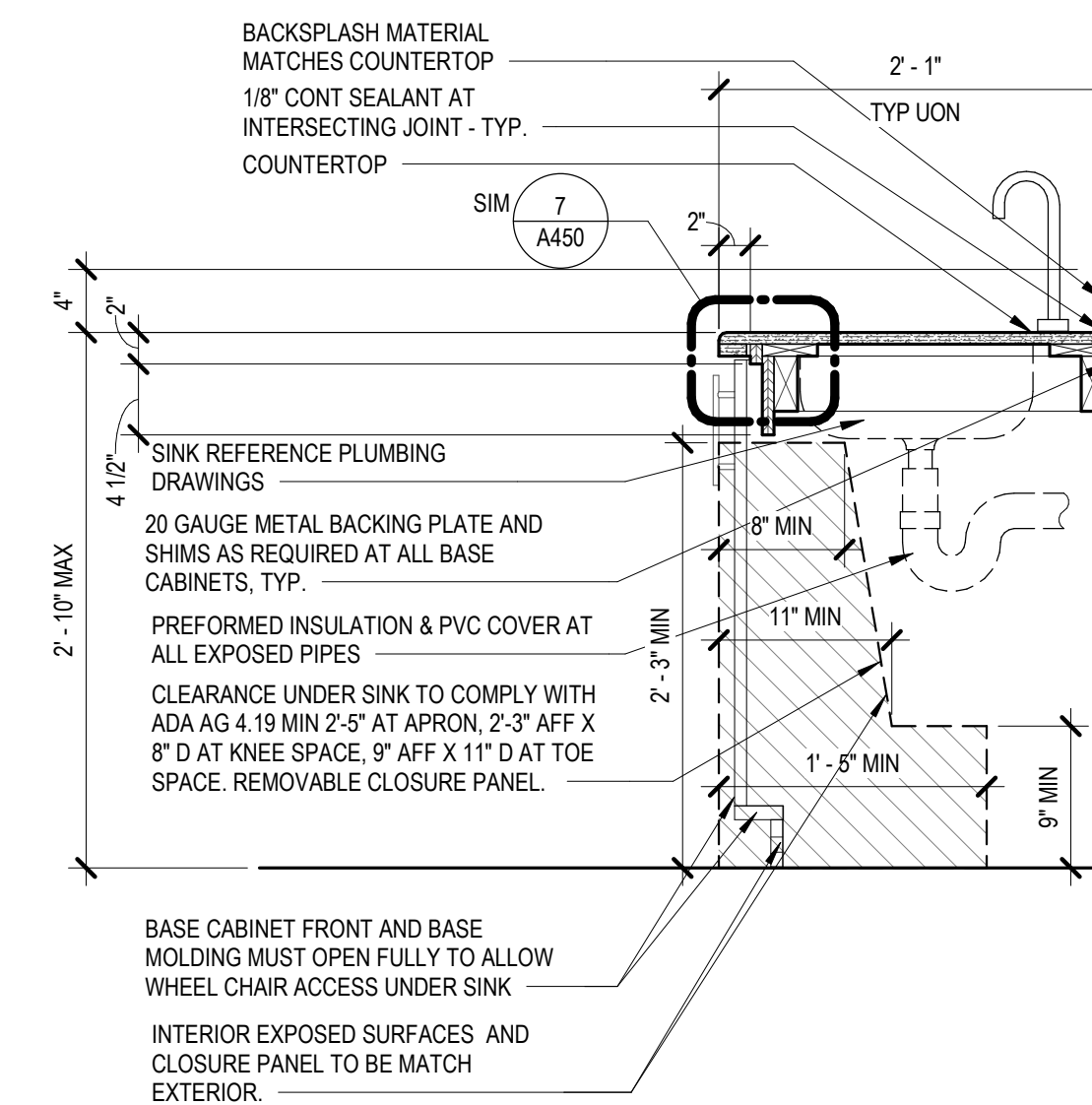
1
A450
1" = 1'-0"



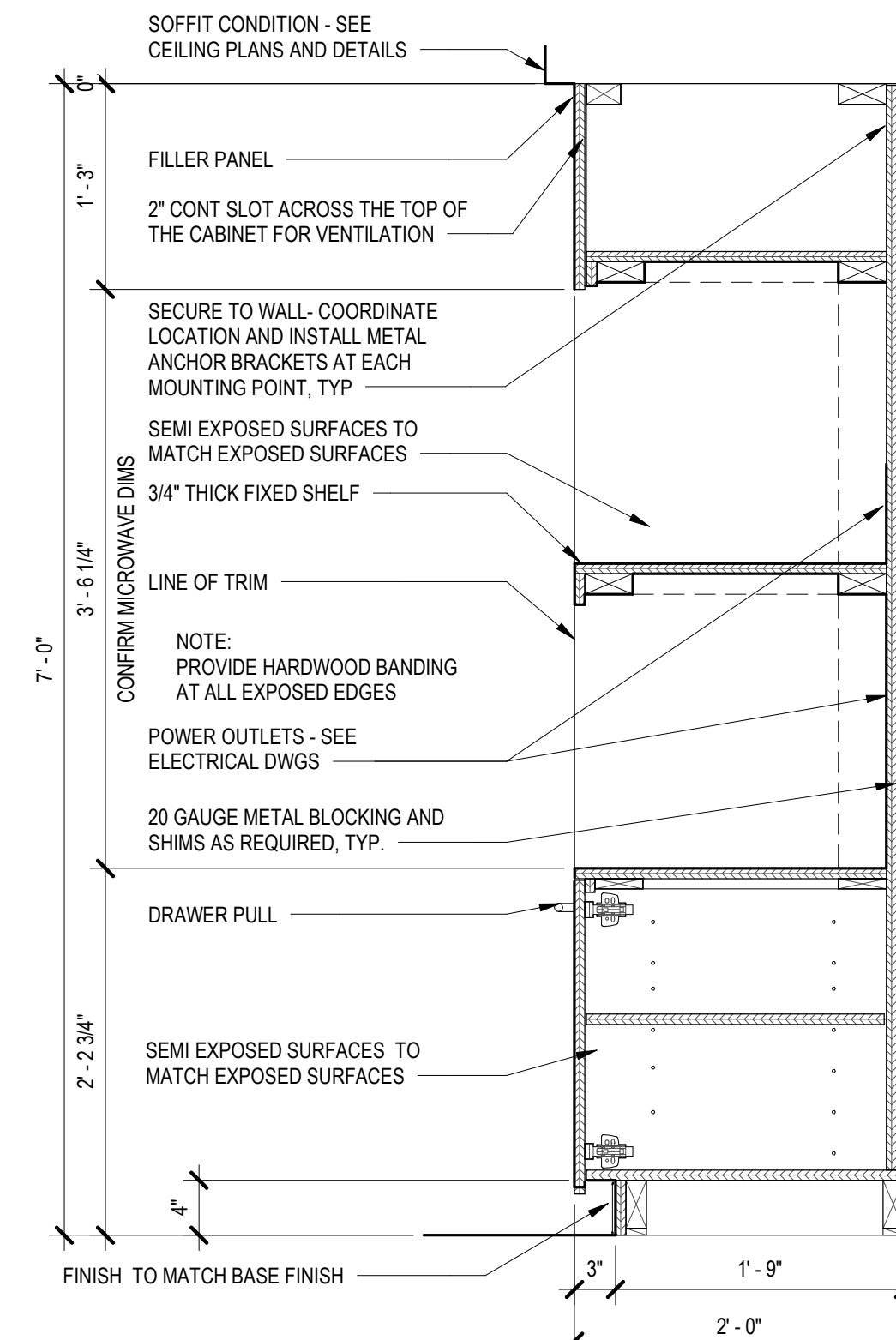
7
A450
6" = 1'-0"



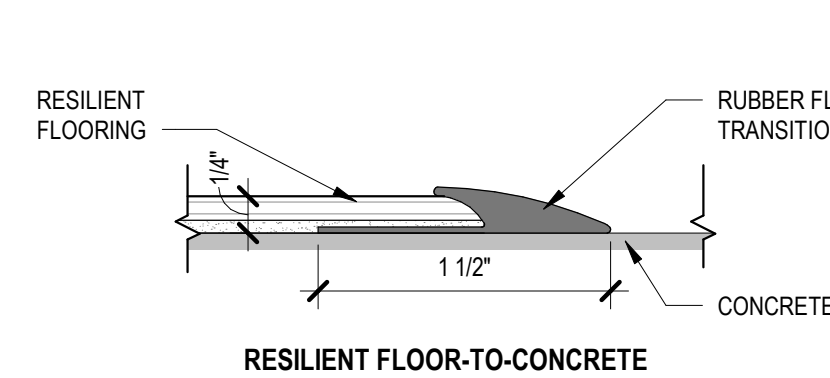
6
A450
1" = 1'-0"



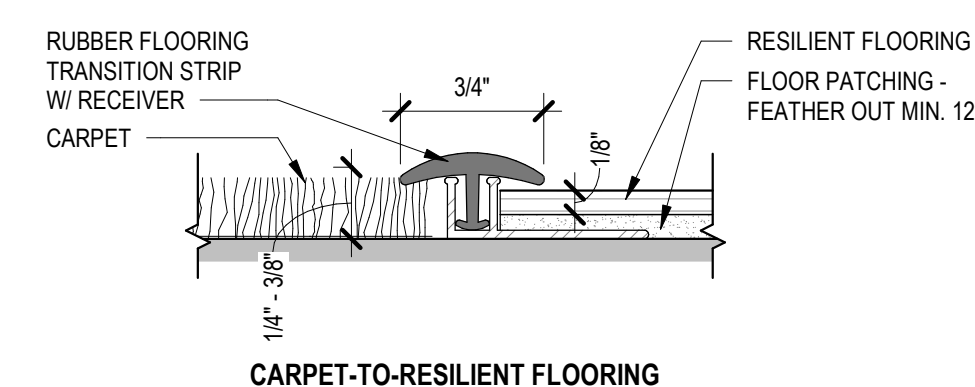
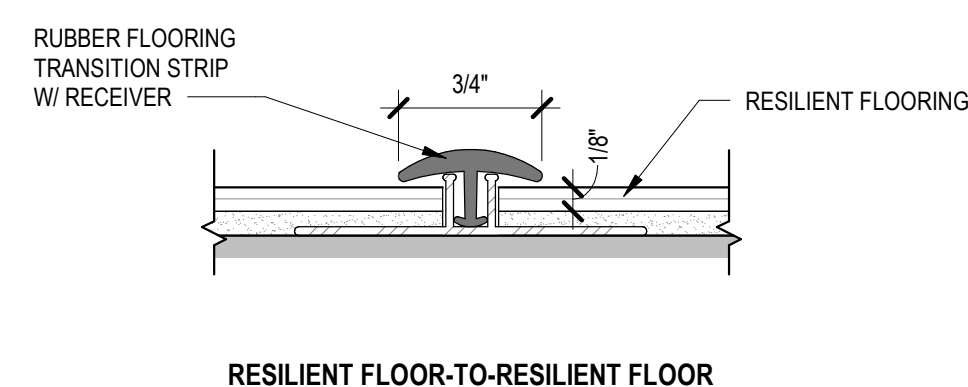
5
A450
1" = 1'-0"



4
A450
1" = 1'-0"



8
A450
12" = 1'-0"



CASEWORK AND FINISH DETAILS

ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS-
PHASE 3



Revision Number	Revision Date

Scale: AS NOTED

Date:	01/24/2023	Project Manager:	SC
Drawn By:	FA	Checked By:	SC
Project:	2021-885-02		

Sheet: A450

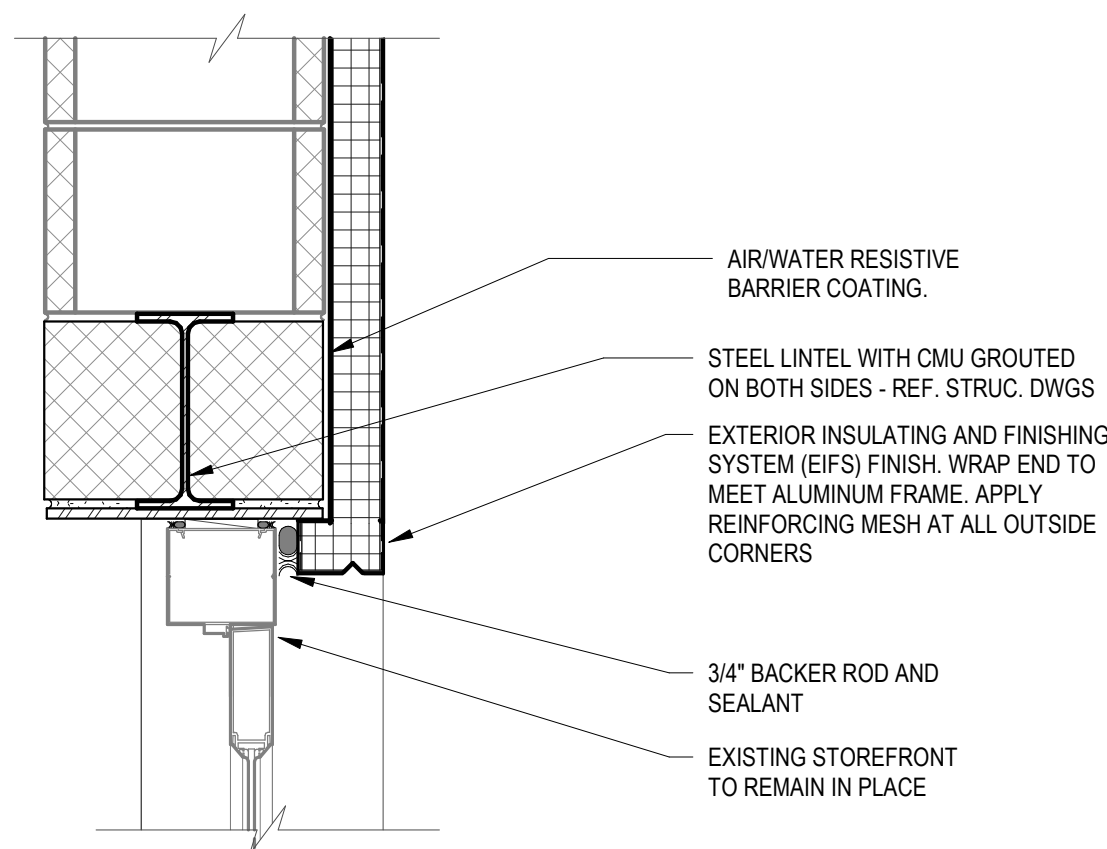
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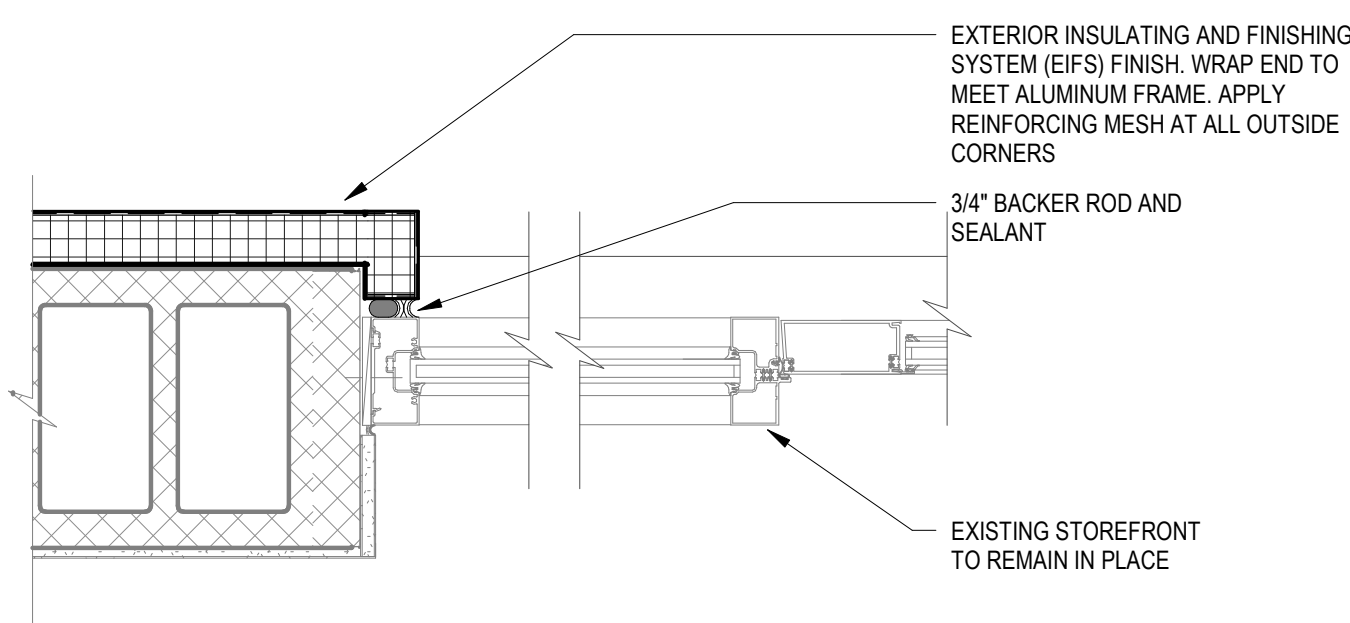
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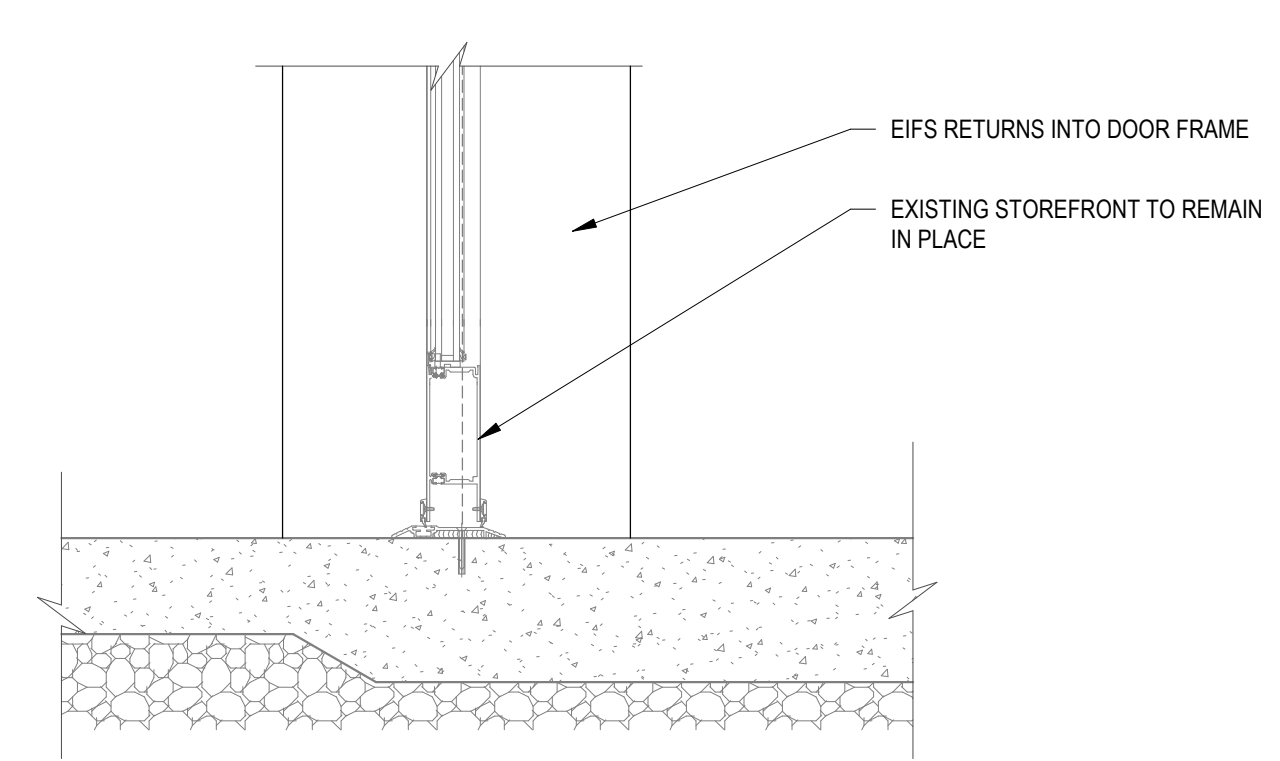
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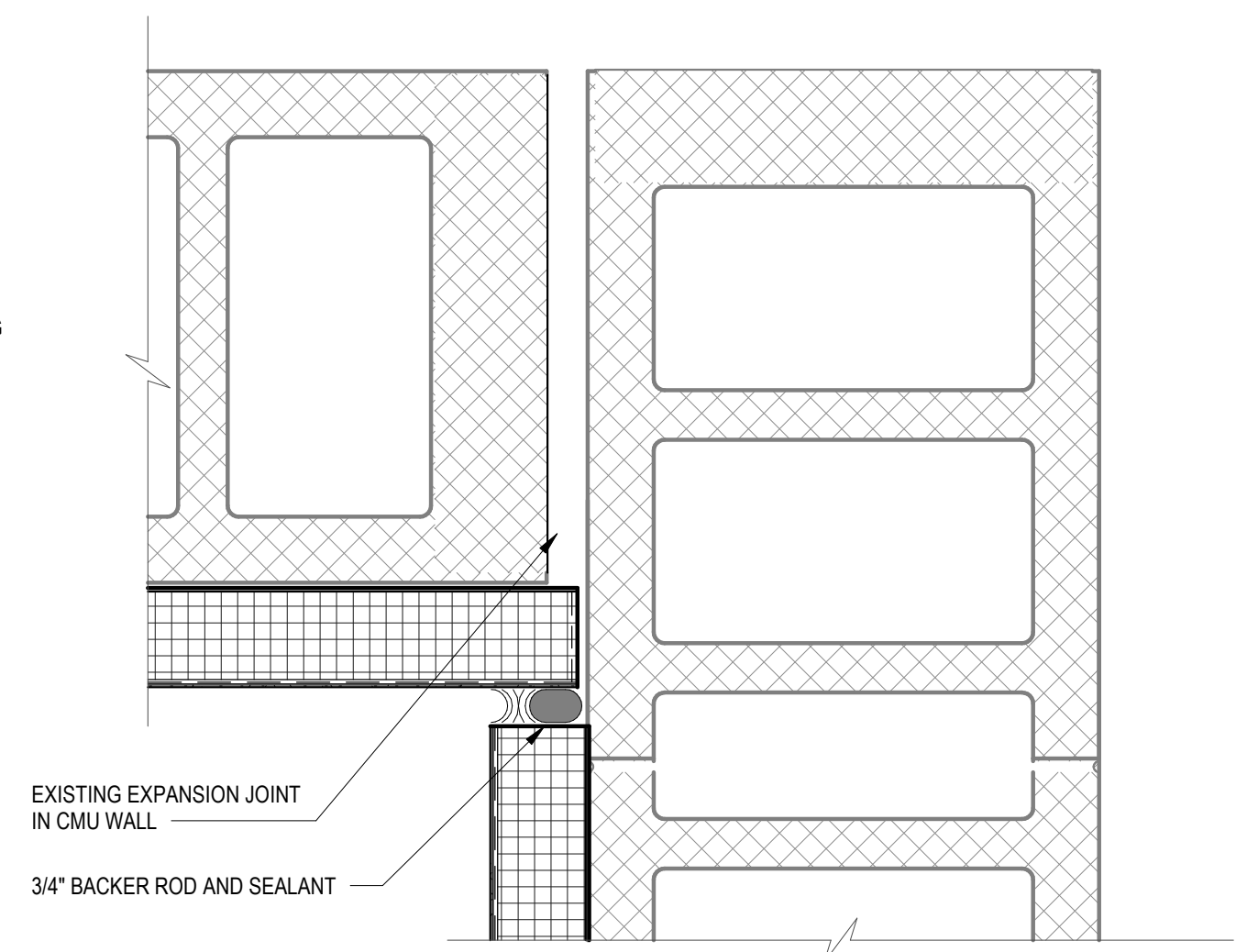
2
A502
DD ENTRANCE - DOOR HEAD
1 1/2" = 1'-0"



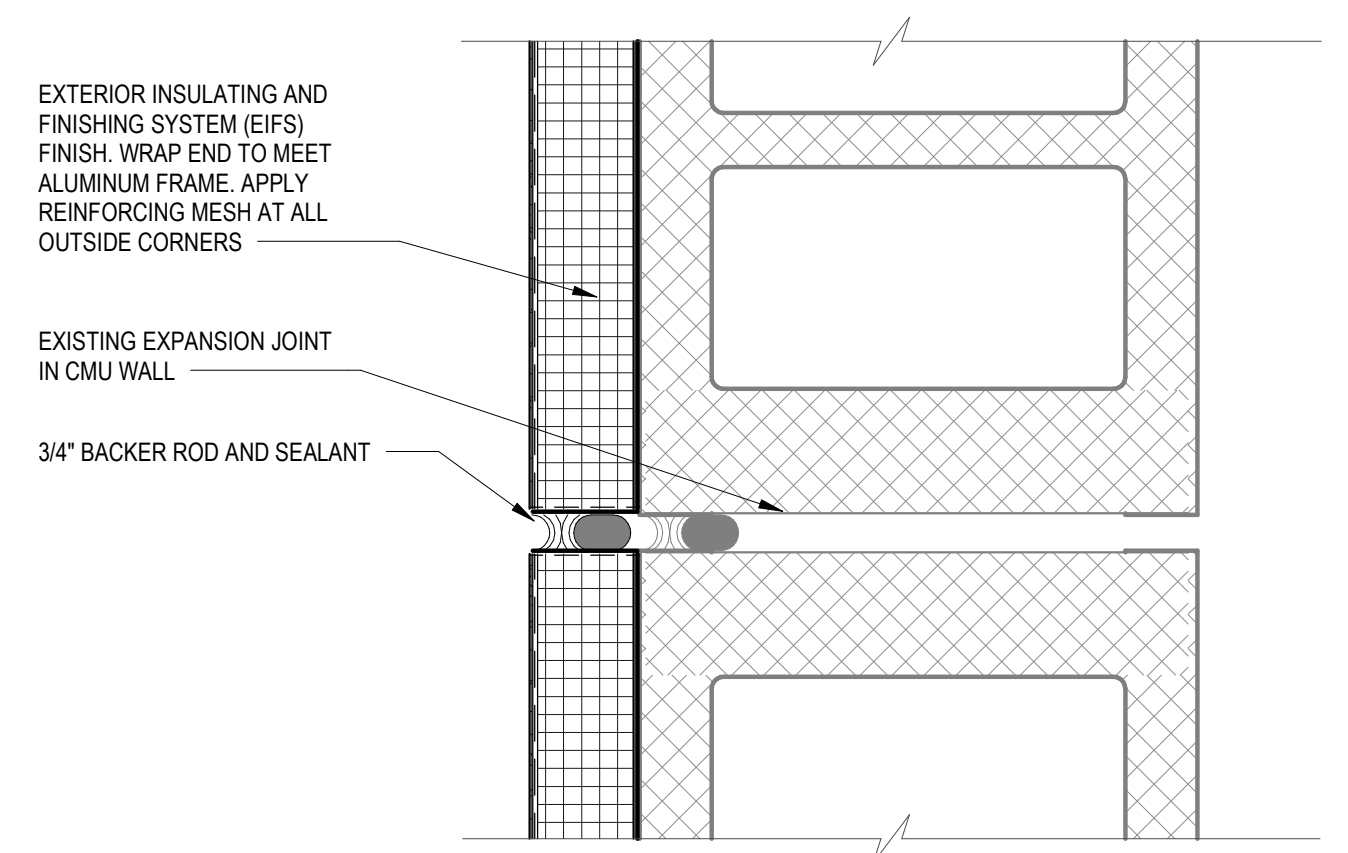
4
A502
DD ENTRANCE - DOOR JAMB
1 1/2" = 1'-0"



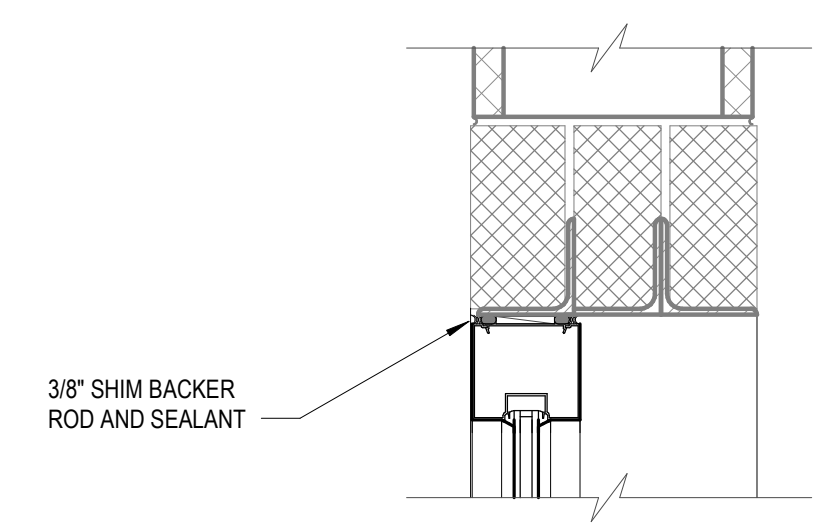
3
A502
DD ENTRANCE - DOOR SILL
1 1/2" = 1'-0"



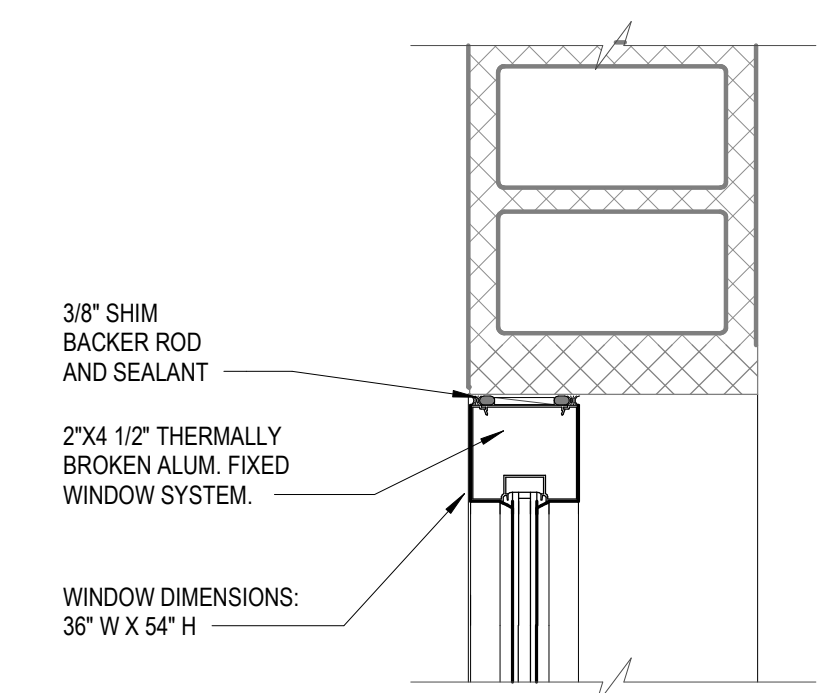
5
A502
EIFS EXPANSION JOINT - INSIDE CORNER
3" = 1'-0"



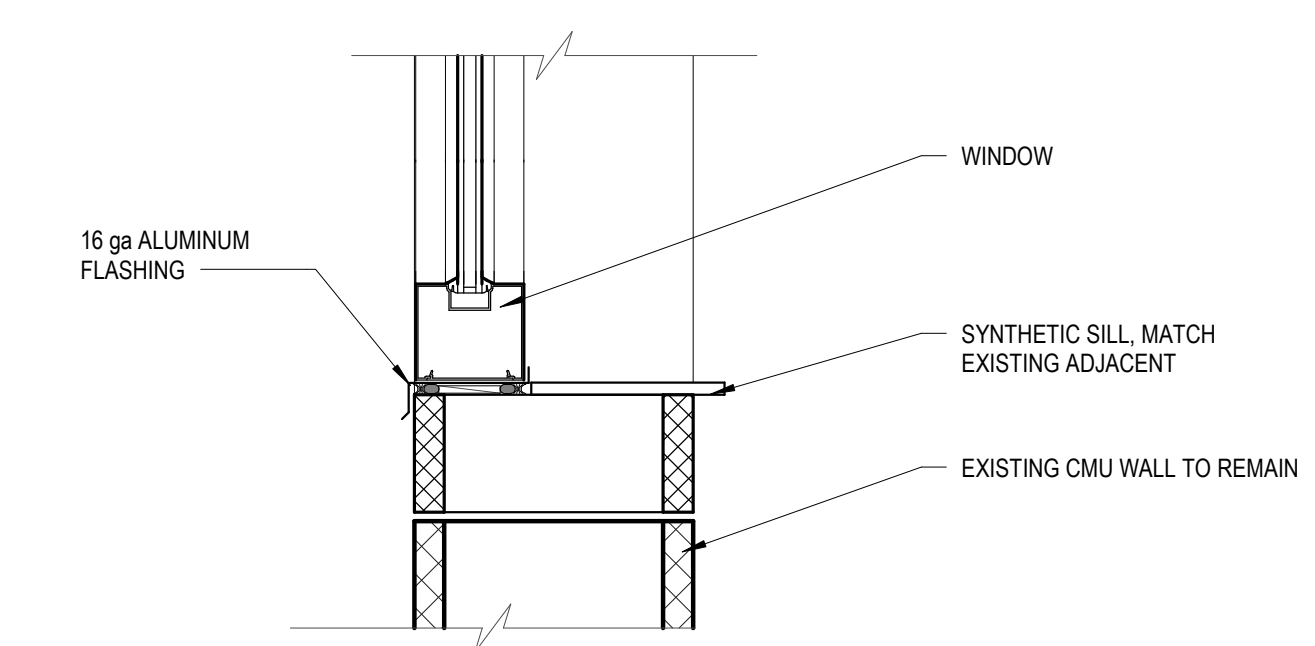
6
A502
EIFS EXPANSION JOINT- FLUSH
3" = 1'-0"



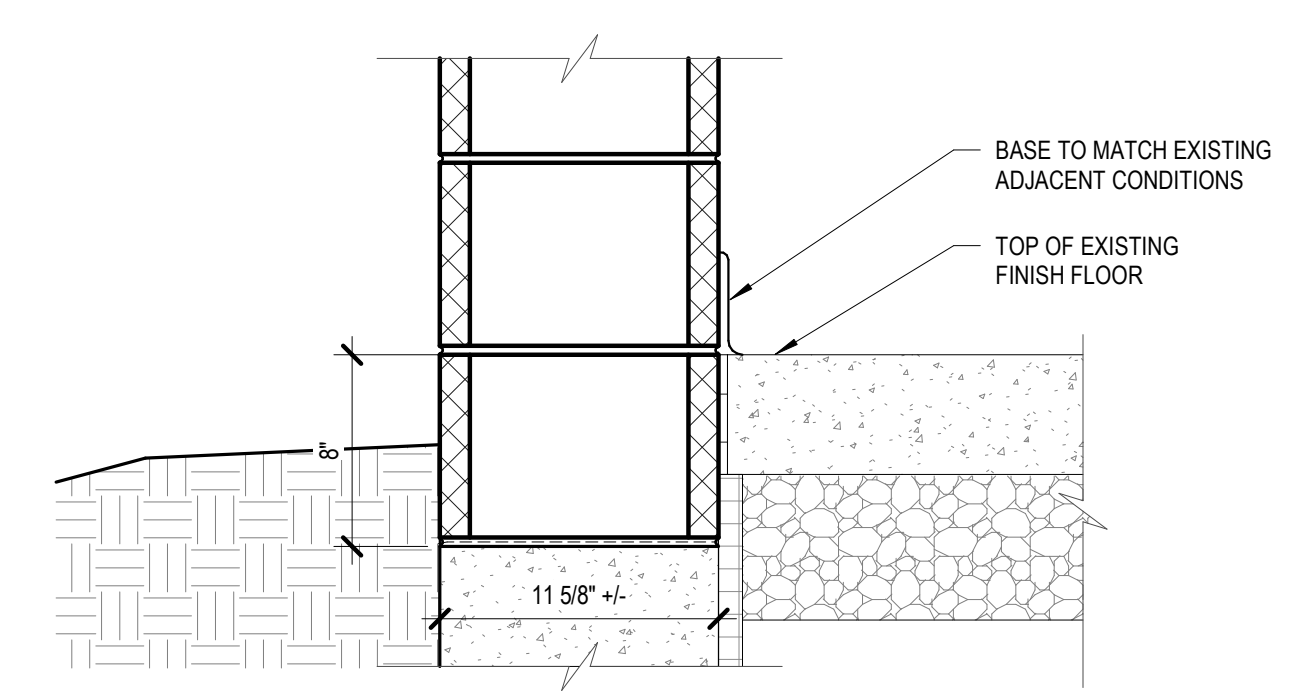
7
A502
DETAIL - WINDOW HEAD AT BB BUILDING
1 1/2" = 1'-0"



8
A502
DETAIL - WINDOW JAMB AT BB BUILDING
1 1/2" = 1'-0"



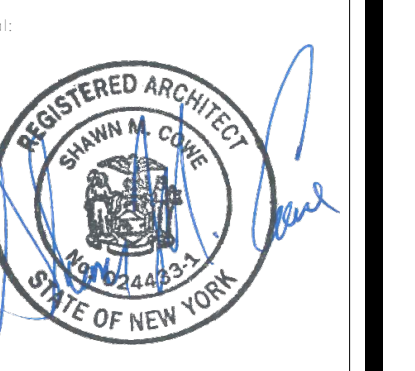
9
A502
DETAIL - WINDOW SILL AT BB BUILDING
1 1/2" = 1'-0"



10
A502
DETAIL - WALL BASE AT BB BUILDING
1 1/2" = 1'-0"

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WALL DETAILS
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PHASE 3



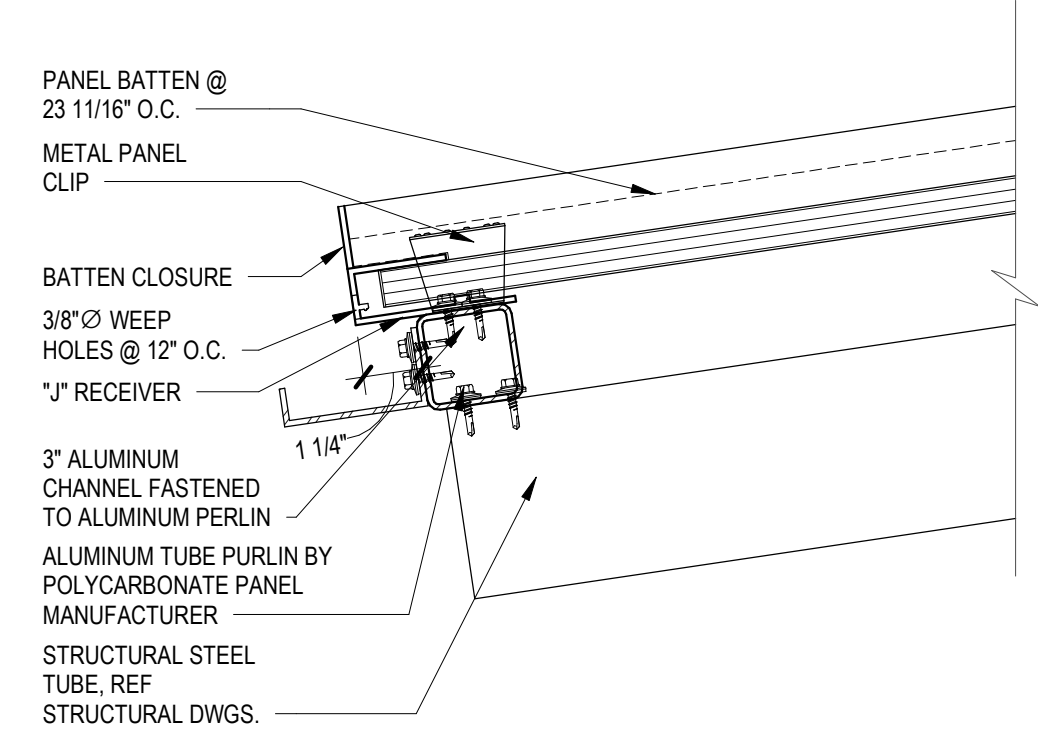
Revision Number	Revision Date

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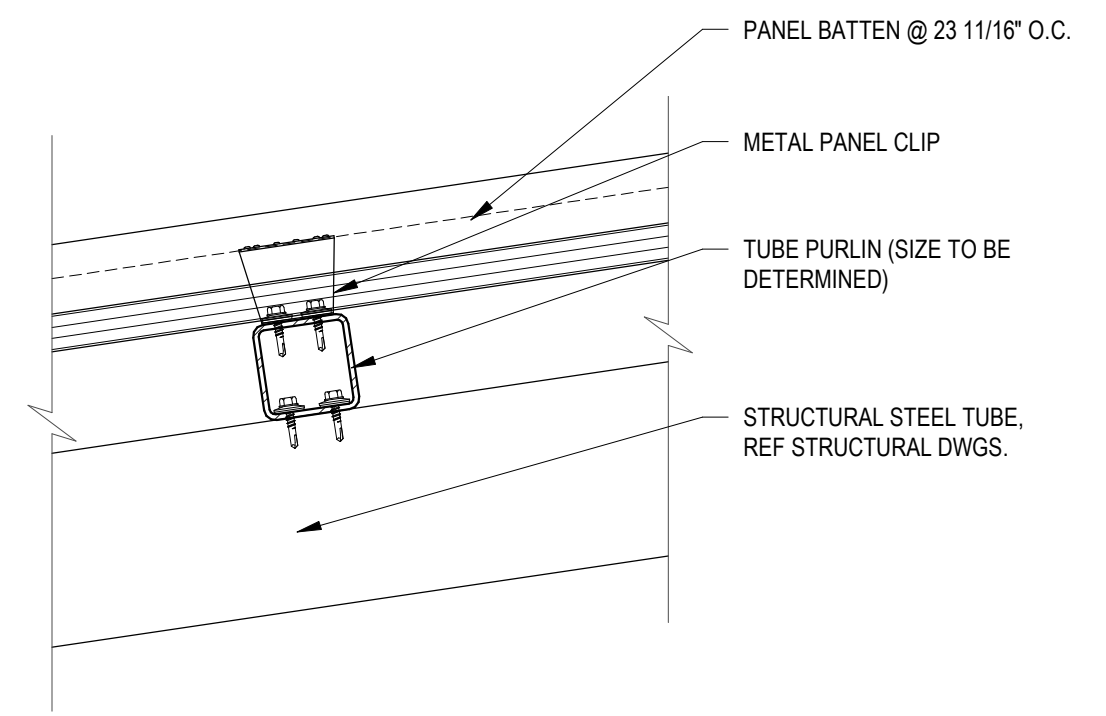
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Drawn By:	Checked By:
MM	SC
Project:	2021-885-02

Sheet: **A502**

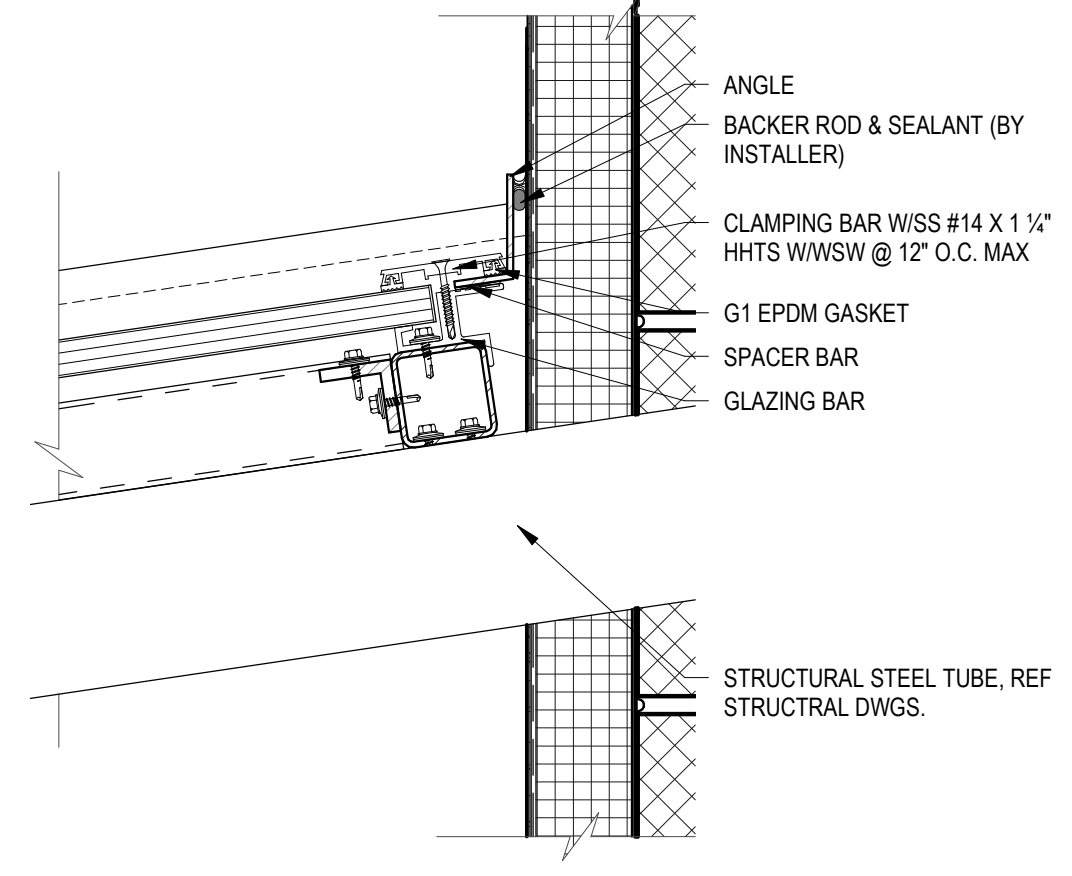
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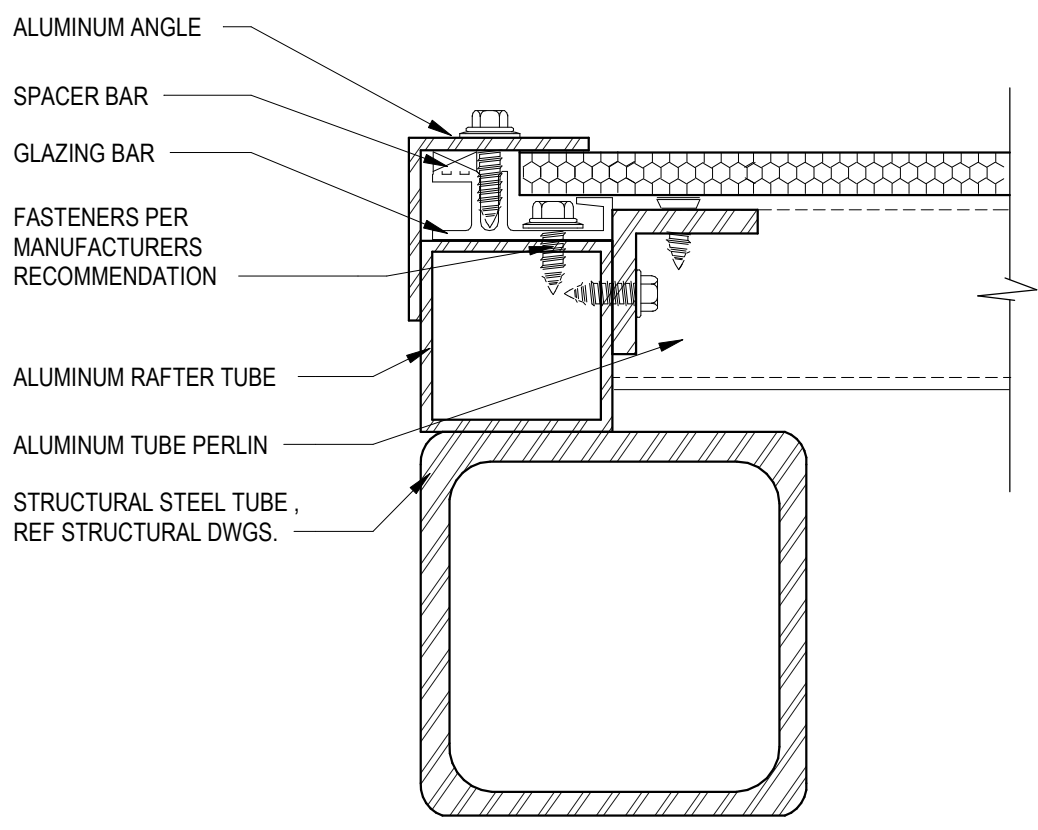
5 CANOPY SECTION @ SILL
3" = 1'-0"



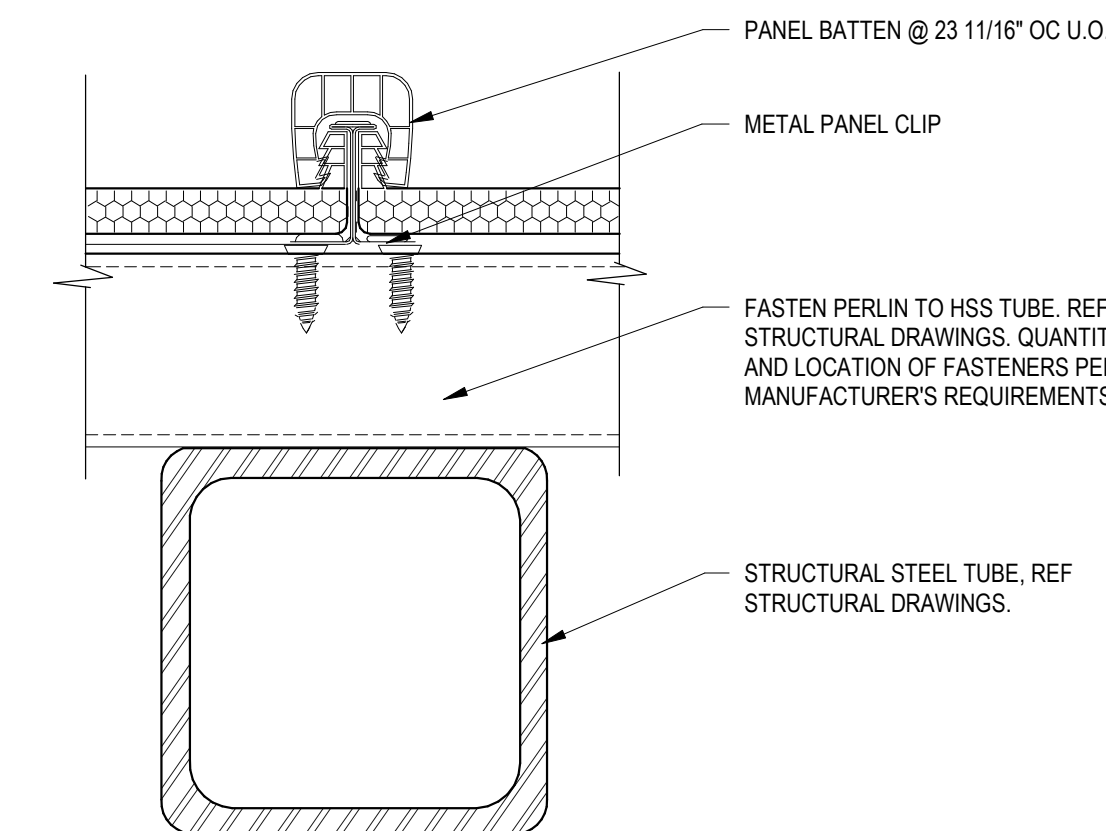
4 CANOPY SECTION @ PURLIN
3" = 1'-0"



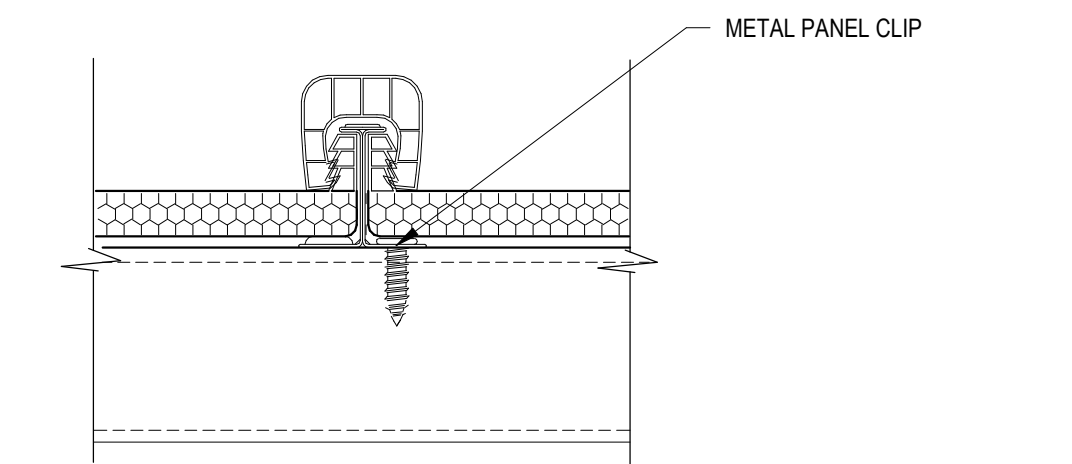
3 CANOPY SECTION @ HEAD
3" = 1'-0"



6 CANOPY END DETAIL
6" = 1'-0"



1 CANOPY JOINT DETAIL AT HSS POST
6" = 1'-0"



2 CANOPY JOINT DETAILS
6" = 1'-0"

ALTERNATE 1- CANOPY DETAILS

**ERIE COUNTY HEALTH LAB
BLDG 17 BB CC RENOVATIONS-
PHASE 3**



Revision Number	Revision Date

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Date: 01/24/2023	Project Manager: SC
Drawn By: MM	Checked By: SC
Project: 2021-885-02	

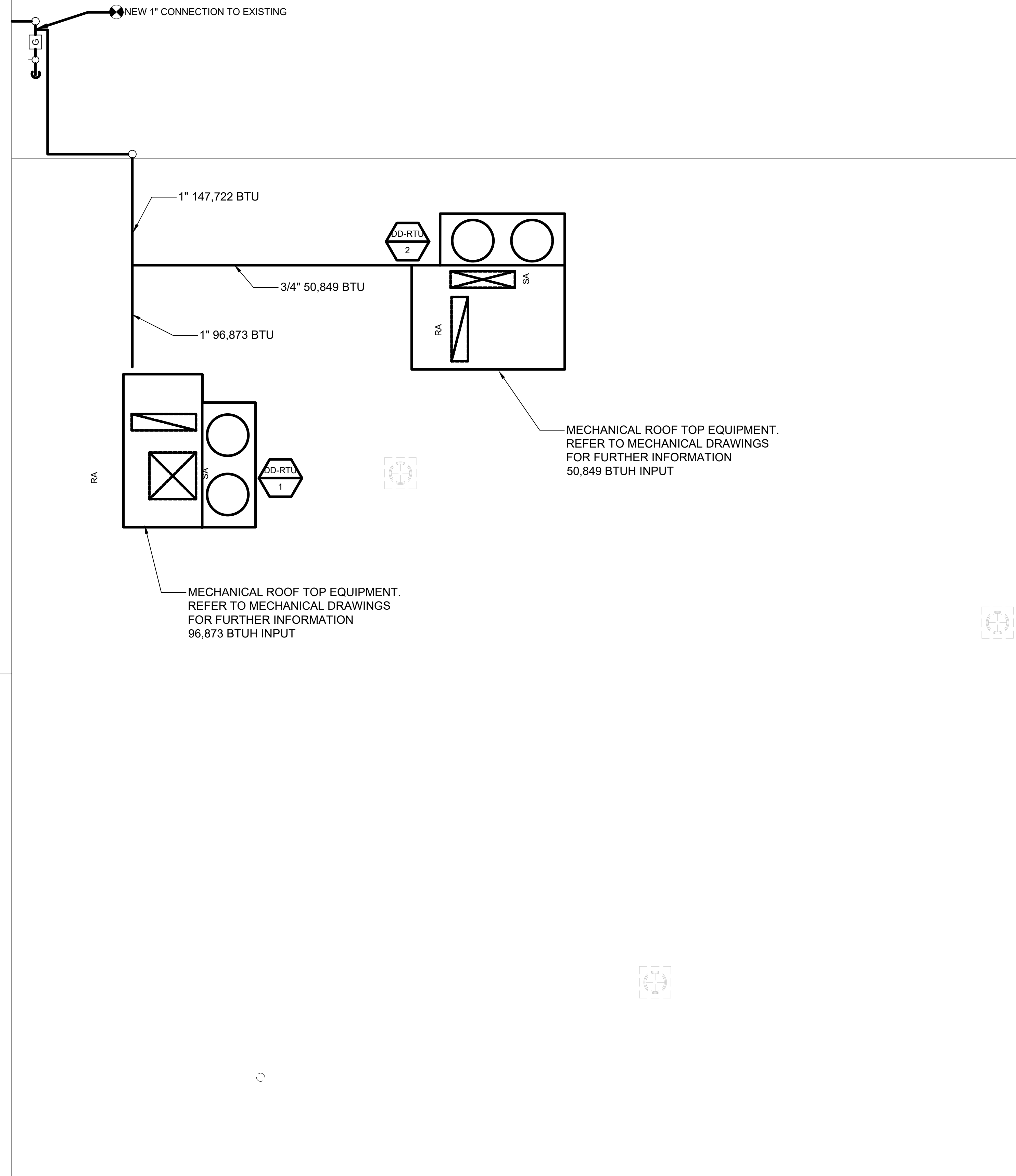
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GENERAL NOTES:

1. PLUMBING CONTRACTOR IS TO REVISE GAS PIPING TO ACCOMMODATE NEW ROOFTOP GAS-FIRE EQUIPMENT AND SHALL COORDINATE WITH LOCAL UTILITY.

BUILDING DD ROOF - CONSTRUCTION

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

PLUMBING BUILDING DD ROOF CONSTRUCTION PLANS

ERIE COUNTY HEALTH LAB CC RENOVATIONS-PHASE 3



Revision Number	Revision Date

AS NOTED

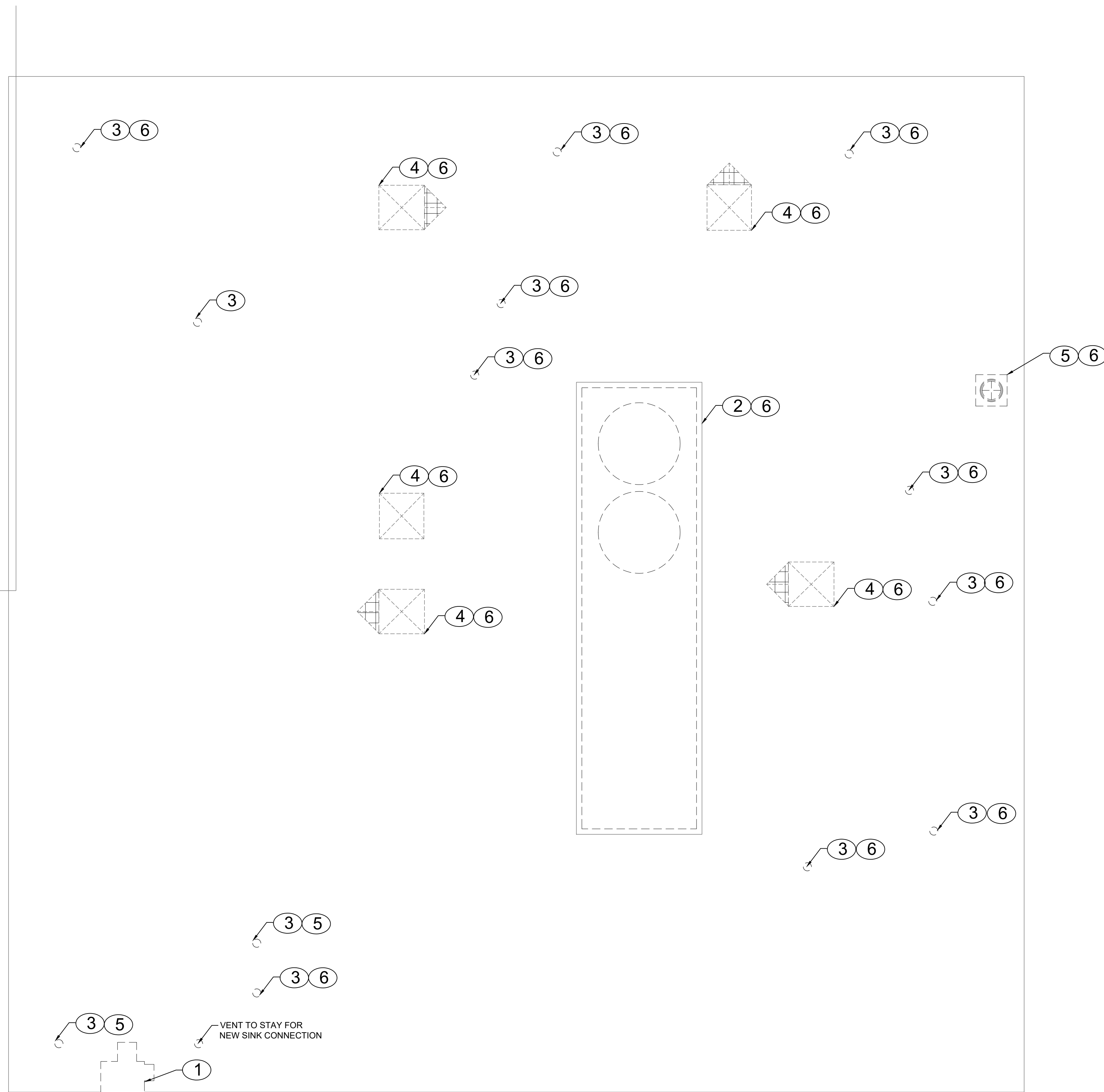
Date:	Project Manager:
01/24/2023	TL
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Project:	2021-885-02
Sheet:	P203

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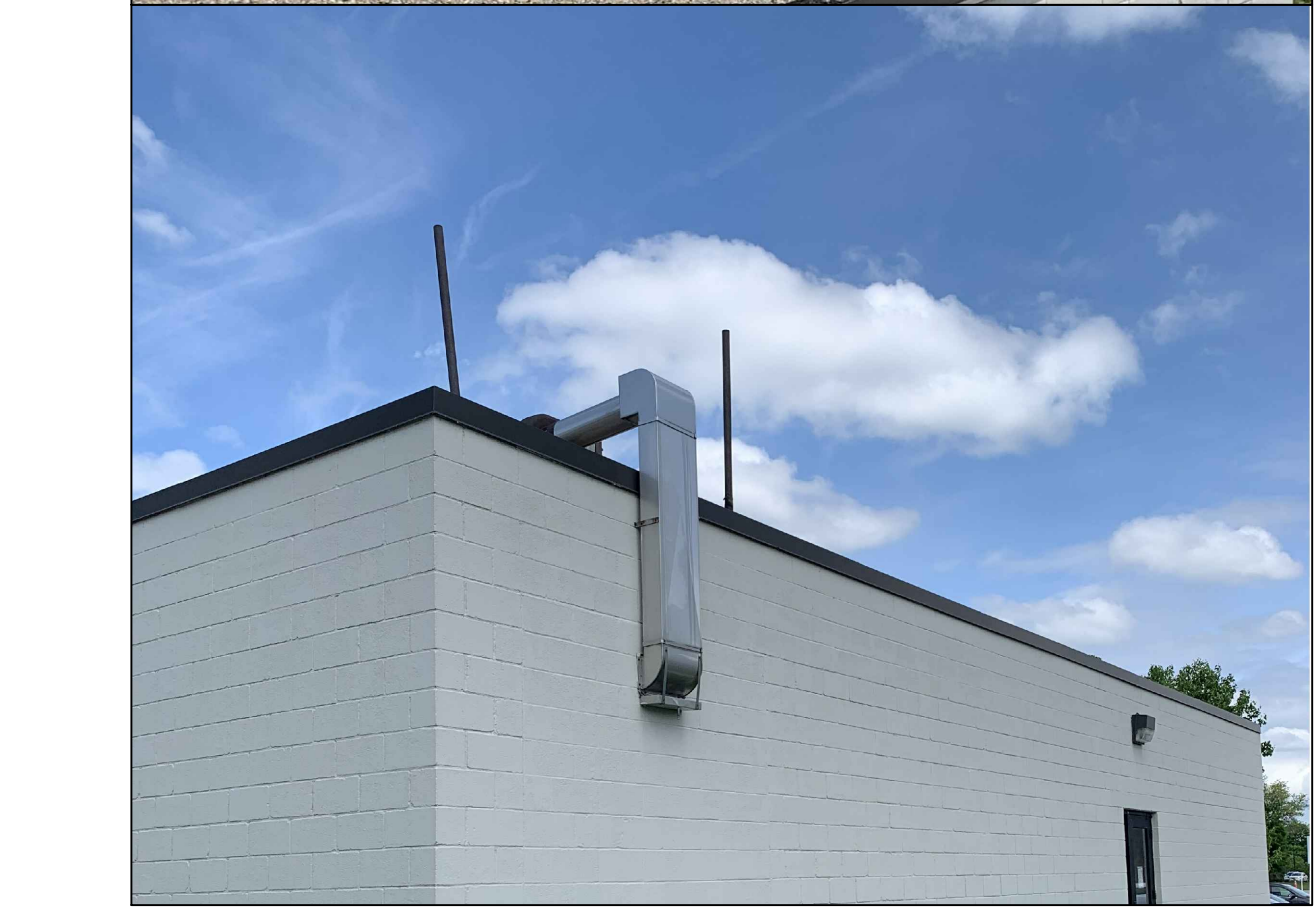
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- MECHANICAL NOTES:**
- ① EXISTING AIR HANDLER TO BE REMOVED.
 - ② EXISTING AIR HANDLER TO BE REMOVED. ROOF CURB TO BE REMOVED. GENERAL CONTRACTOR TO PATCH THE ROOF. REFER TO ARCHITECTURAL AND INSTRUCTURAL DRAWINGS FOR DETAILS.
 - ③ EXISTING SANITARY SEWER VENT TO BE REMOVED. REFER TO PLUMBING AND INSTRUCTURAL DRAWINGS.
 - ④ EXISTING EXHAUST FAN DUCT AND PENETRATION TO BE REMOVED. ROOF CURB TO BE REMOVED. GENERAL CONTRACTOR TO PATCH THE ROOF. REFER TO ARCHITECTURAL AND INSTRUCTURAL DRAWINGS.
 - ⑤ EXISTING ROOF DRAIN TO BE RETROFIT. REFER TO PLUMBING AND ARCHITECTURAL DRAWINGS FOR DETAILS.
 - ⑥ EXISTING ROOF UNITS, EXHAUST VENT, EXHAUST FAN DUCT PENETRATION . REFER FIELDWORK PHOTO.



BUILDING DD ROOF - DEMOLITION
SCALE: 1/4" = 1'-0"

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MECHANICAL BUILDING DD ROOF DEMOLITION
**ERIE COUNTY HEALTH LAB CC
RENOVATIONS-PHASE 3**



Revision Number	Revision Date

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Date: 01/24/2023	Project Manager: TL
Drawn By: SH	Checked By: TL

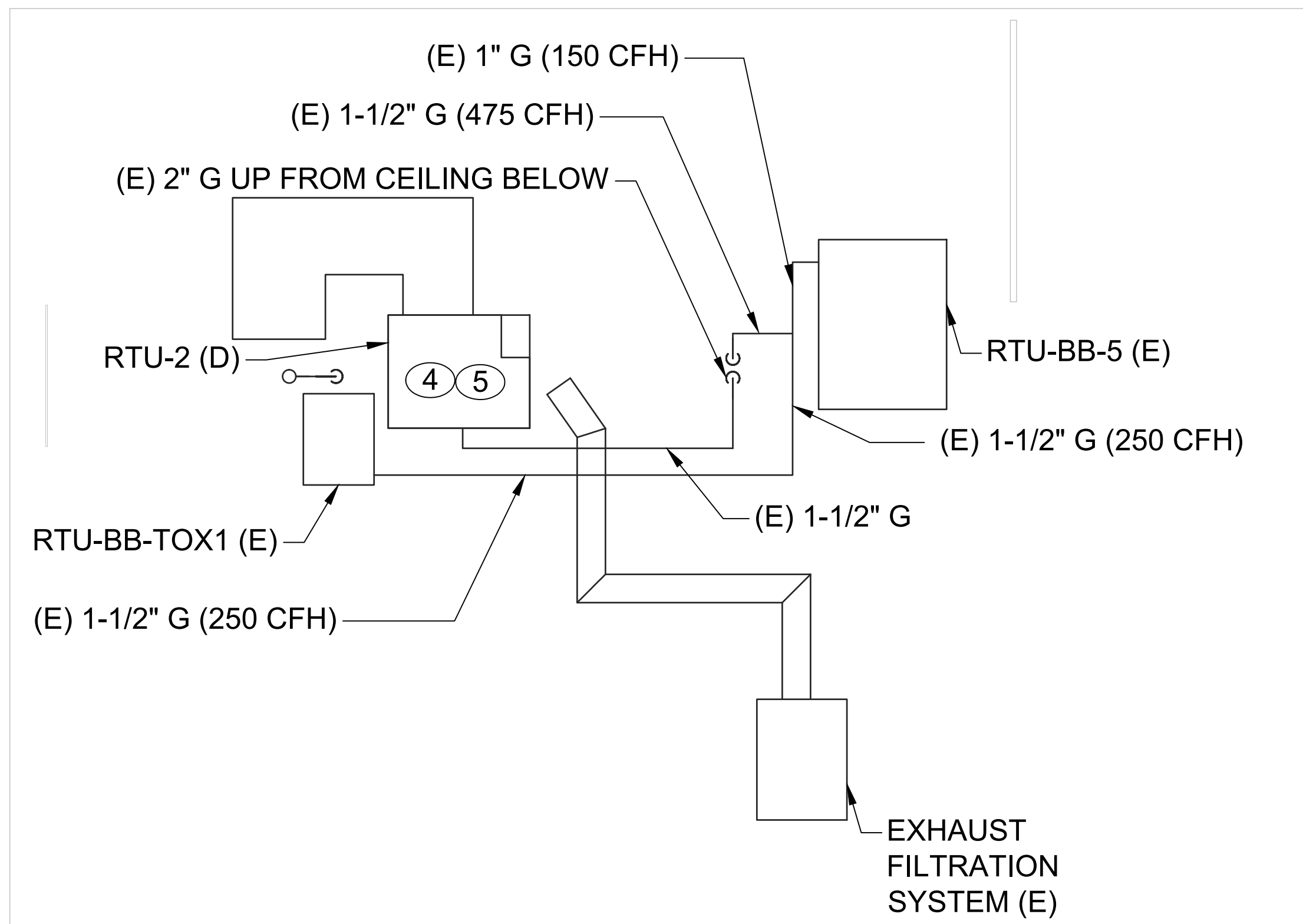
Project: 2021-885-02

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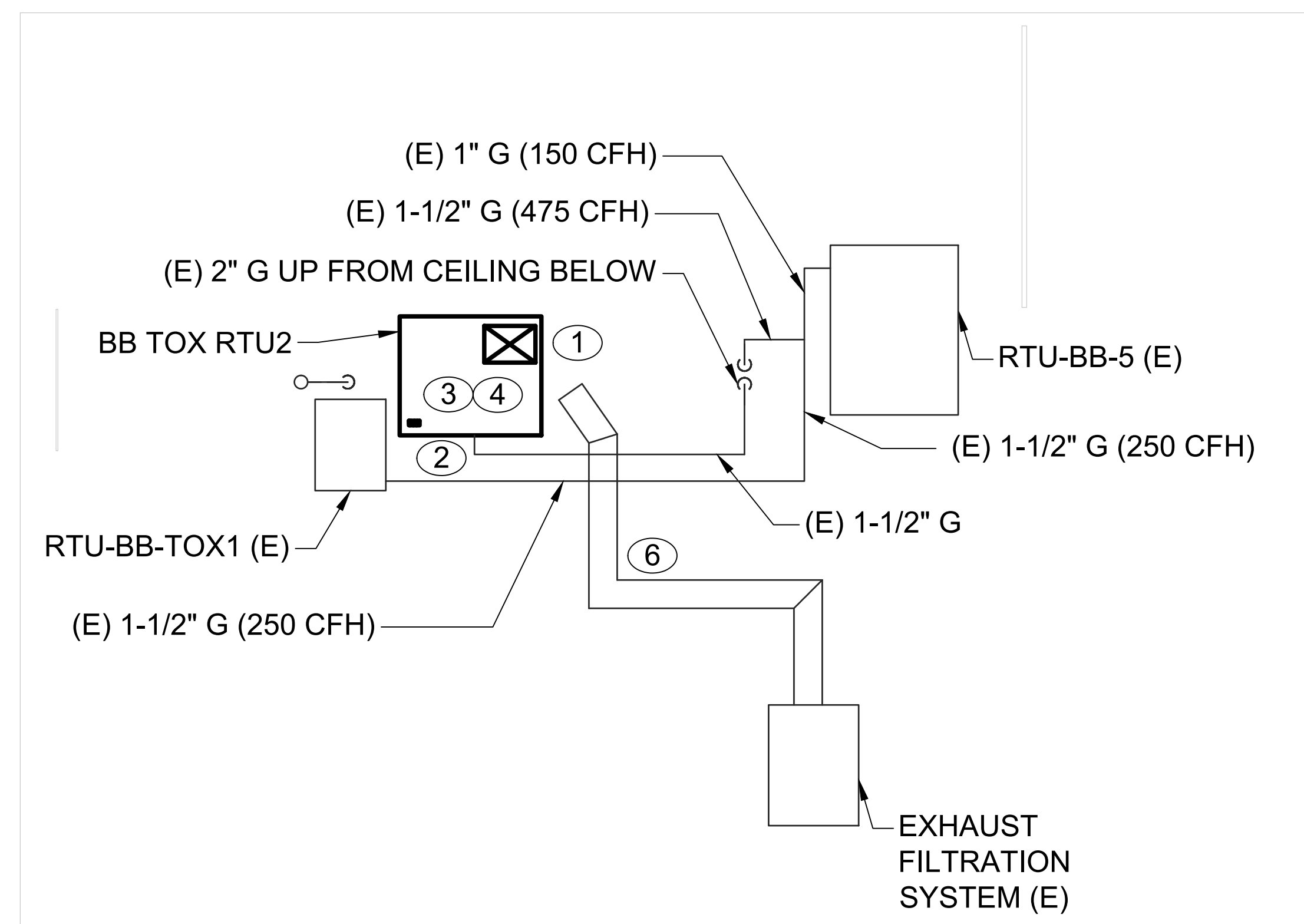
GENERAL NOTES:
 1. EXISTING EQUIPMENT TO REMAIN

MECHANICAL NOTES:

- EXISTING ROOF PENETRATION TO BE RE-USED. PROVIDE ROOF CURB ADAPTOR AS REQUIRED.
- PROVIDE NEW GAS PIPING AS NECESSARY TO CONNECT TO NEW ROOFTOP UNIT.
- NEW RTU AS PER SCHEDULE. MODIFY EXISTING PIPING AND DUCT WORK AS REQUIRED.
- MECHANICAL CONTRACTOR MUST SHOW EXTENSIVE EXPERIENCE WORKING WITH A BSL-3 LEVEL ENVIRONMENT OR RELATED LICENSE.
- MECHANICAL CONTRACTOR IS TO REMOVE AND REPLACE EXISTING AAKN MODEL RK-16-3 (RTU-2) UNIT. REFER TO THIS SHEET FOR MORE DETAILS.
- MODIFY EXISTING EXHAUST FILTRATION DUCT WORK AS REQUIRED.



BUILDING BB ROOF - DEMOLITION
 SCALE: 1/8" = 1'-0"



BUILDING BB ROOF - CONSTRUCTION
 SCALE: 1/8" = 1'-0"

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MECHANICAL BUILDING BB ROOF DEMOLITION AND CONSTRUCTION PLANS
ERIE COUNTY HEALTH LAB CC RENOVATIONS-PHASE 3



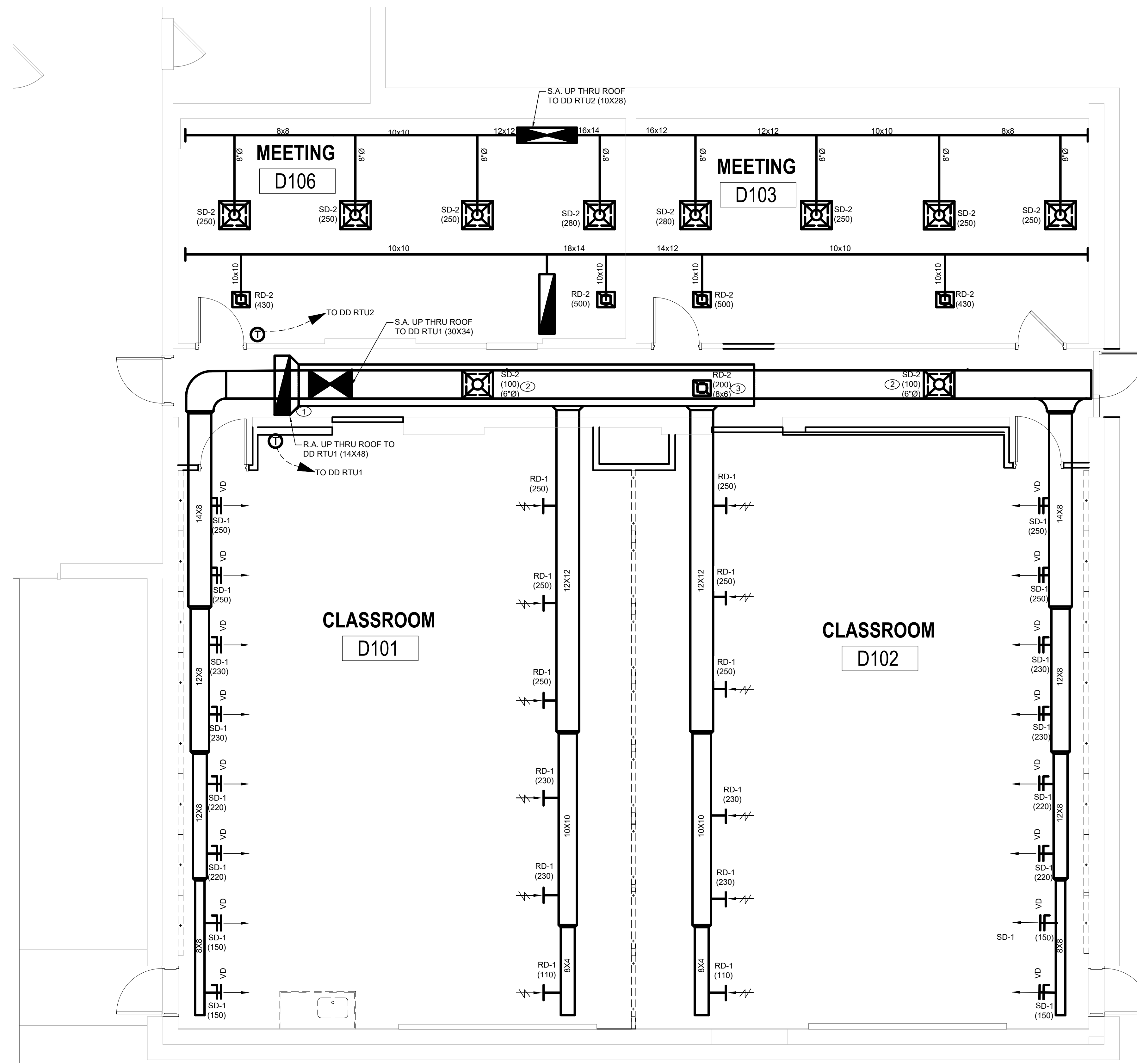
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BUILDING DD - CONSTRUCTION
SCALE: 1/4" = 1'-0"

MECHANICAL NOTES:

- 1 RETURN MAIN RUN UNDER SUPPLY.
- 2 SUPPLY DIFFUSER INSIDE SUPPLY DUCTWORK.
- 3 RETURN DIFFUSER INSIDE RETURN DUCTWORK.

GENERAL NOTES:

SEE ARCH DRAWINGS FOR DUCT HEIGHTS IN THE D101/D102 ROOMS



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MECHANICAL BUILDING DD CONSTRUCTION PLANS

ERIE COUNTY HEALTH LAB CC RENOVATIONS-PHASE 3

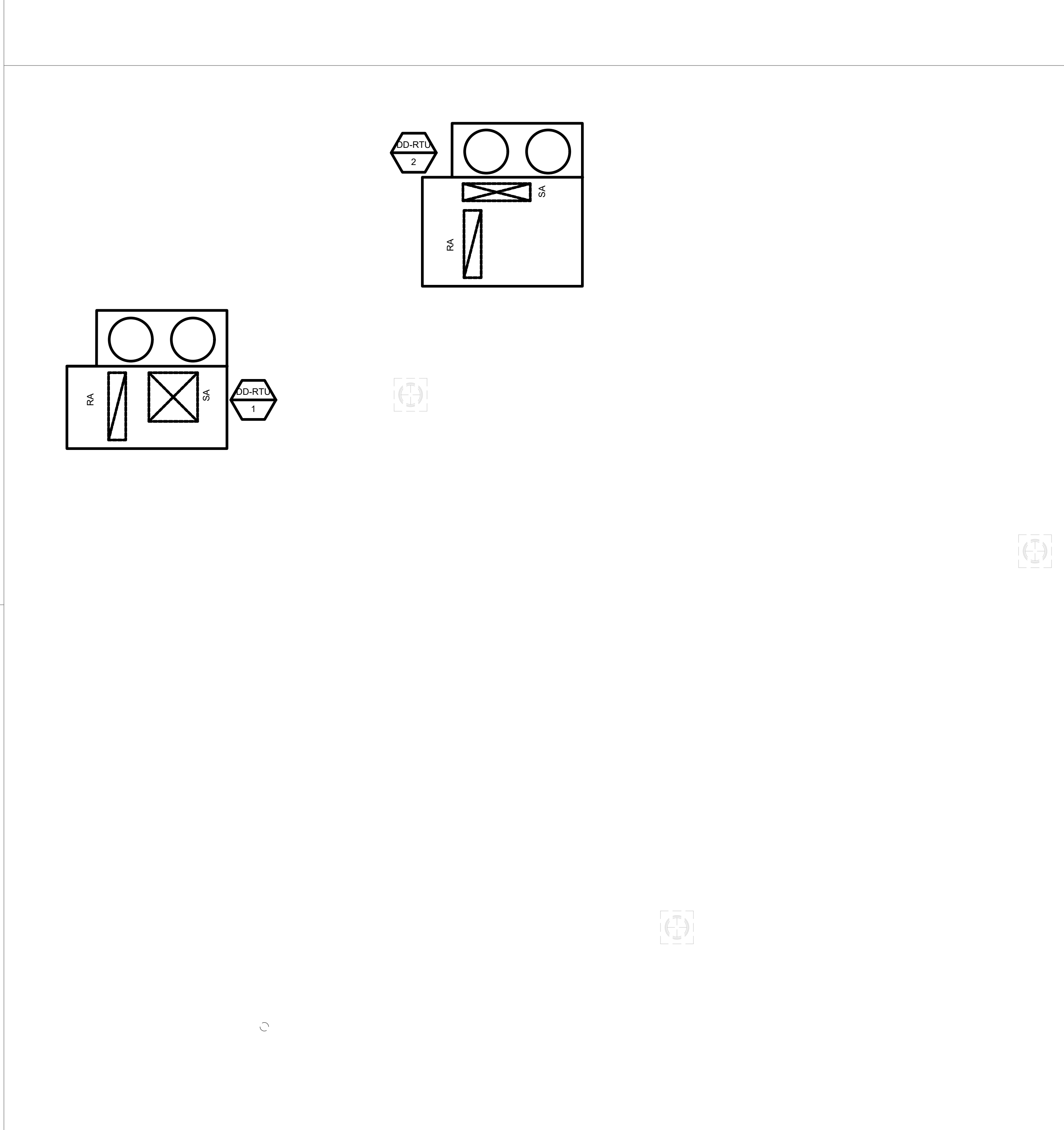


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Sheet: **M203**



 **BUILDING DD ROOF - CONSTRUCTION**
SCALE: 1/4" = 1'-0"

MECHANICAL NOTES:
① TO PROVIDE NEW RTU PER SCHEDULE. REFER TO PLUMBING FOR GAS PIPING DETAILS

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MECHANICAL BUILDING DD ROOF CONSTRUCTION PLANS
**ERIE COUNTY HEALTH LAB CC
RENOVATIONS-PHASE 3**



Revision Number	Revision Date

Date: 01/24/2023 Project Manager: TL
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Project: 2021-885-02
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M204

ROOFTOP AIR CONDITIONING UNIT SCHEDULE (CON.)

EQUIP. NO.	SERVICE	SUPPLY FAN							MIN. O.A. (CMF)	EXHAUST FAN						FILTERS		STATIC PRESSURE (IN. W.G.)	DX COOLING										COMPRESSOR			
		AIR FLOW (CFM)	ESP (inH2O)	TSP (inH2O)	MOTOR BHP	RPM	TYPE	MOTOR SIZE (HP)		AIR FLOW (CFM)	ESP (inH2O)	RPM	TYPE	MOTOR BHP	HP (MTR QTY)	FACE AREA ((ft²))	EFFICIENCY		EER	IEER/SEER	EDB (°F)	EWB (°F)	LDB (°F)	LWB (°F)	TOTAL CAP. (MBH)	SENSIBLE CAP. (MBH)	REFRIG TYPE	AMB. TEMP (°F)	NOM. TONS	TYPE	QTY	POWER (KW)
DD RTU1	CONFERENCE ROOMS	3600	1.5	2.09	1.83	1702	SWSI AF	8	776	1200	0.5	1134	SWSI AF	0.15	(1) 4.0	18	2" MERV 8 & 4" MERV 14 Filters	2.09	12.3	20.1	78.2	66.8	58.5	58.4	96.9	77.4	R-410A	95.0	7.5	INVERTER SCROLL-FIXED SCROLL	2	5.56
DD RTU2	MEETING ROOMS	2050	1.5	2.6	1.31	2317	SWSI AF	4	204	1200	0.5	1134	SWSI AF	0.15	(1) 4.0	7.1	2" MERV 8 & 4" MERV 14 Filters	2.6	11.8	16.2	77.2	66.3	58.6	58.5	50.8	41.7	R-410A	95.0	4.0	INVERTER SCROLL	1	2.9
BB TOX RTU2	TOX LAB	3700	3	3.51	4.01	1848	SWSI AF	5		1200	0.5	NONE	NONE	-	-	27	2" MERV 8 & 4" MERV 14 Filters	3.5	10.8	-	91.0	73.0	56.5	56.5	206.7	139.6	R-410A	95.0	18.0	INVERTER SCROLL	1	12.47

ROOFTOP AIR CONDITIONING UNIT SCHEDULE

EQUIP. NO.	SERVICE	CONDENSER			GAS HEATING			HOT GAS REHEAT COIL					ELECTRICAL				MANUFACTURER	MODEL	WEIGHT (± LBS.)	OPTIONS & ACCESSORIES		
		TYPE	FAN QTY	FLA	EDB (°F)	LDB (°F)	MBH INPUT	MBH OUTPUT	TYPE	FACE AREA ((ft²))	AIR PRESURE DROP (inH2O)	TOTAL CAPACITY MBH	LDB	LWB	V.-PH.-CY.	FLA					MCA	MOCP
DD RTU1	CONFERENCE ROOMS	ALUMINUM MICROCHANNEL	2	1.8	54.4	95.4	200.0	160.0	NONE	-	-	-	-	-	460-3-60	22.6	24.3	30	DAIKIN	DPS007A	2257	1--3
DD RTU2	MEETING ROOMS	ALUMINUM MICROCHANNEL	1	0.4	54.4	83.2	80.0	64.0	NONE	-	-	-	-	-	460-3-60	14.1	15.3	20	DAIKIN	DPS004A	1437	1--3
BB TOX RTU2	TOX LAB	ALUMINUM MICROCHANNEL	1	5.2	-5.0	95.0	600.0	480.0	ALUMINUM TUBE MICROCHANNEL	21.6	0.02	54.2	70.0	61.3	460-3-60	34.7	40.4	60	DAIKIN	DPS018A	3789	1-4

NOTES:
 1. USE ONLY COPPER SUPPLY WIRES WITH AMPACITY BASED ON 75C CONDUCTOR RATING.
 2. CONNECTIONS TO TERMINALS MUST BE MADE WITH COPPER LUGS AND COPPER WIRE.
 3. CONDENSATE CONNECTION SIZE IS SUPPOSED TO BE 3/4 IN. MALE NPT.
 4. ROOF CURB ADAPTOR TO BE PROVIDED BY MANUFACTURER.

DIFFUSER SCHEDULE

EQUIP. NO.	SERVICE	QTY.	CFM	NECK SIZE (IN.)	FACE SIZE (IN.)	THROW @ 100 FPM	MAX PD (wg)	MAX NC	MANUFACTURER	MODEL	NOTES
SD-1	DD BUILDING CONFERENCE ROOM	16	250	-	6X12	16-24-33	0.07	< 30	PRICE	HCD1	1
SD-2	BB BUILDING OFFICES, DD BUILDING MEETING ROOM	11	100-420	8	24x24	2-2-5	0.02	< 30	PRICE	SCD	3
RD-1	DD BUILDING CONFERENCE ROOM	12	250	-	6X12	16-24-33	0.07	< 30	PRICE	HCD2	2
RD-2	BB BUILDING OFFICES, DD BUILDING MEETING ROOM	7	200-420	8	24x24	2-2-5	0.02	< 30	PRICE	SCD	3

NOTES:
 1. HIGH CAPACITY ALUMINUM DRUM SINGLE BLADE
 2. HIGH CAPACITY ALUMINUM DRUM SPLIT BLADE
 3. ALUMINUM SQUARE PLAQUE DIFFUSER

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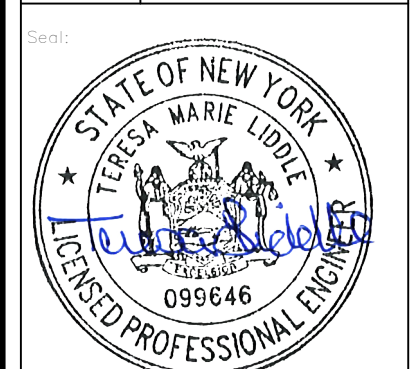
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MECHANICAL SCHEDULES

ERIE COUNTY HEALTH LAB CC RENOVATIONS-PHASE 3



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