

The Windsor Locks Passenger Station

Vanilla Box
Windsor Locks, CT

Bid Set
1/17/2025



Civil Engineer / Landscape Architect:



Alfred Benesch & Company
120 Hebron Ave
Glastonbury, CT 06033
860-633-3841

Environmental Engineer:

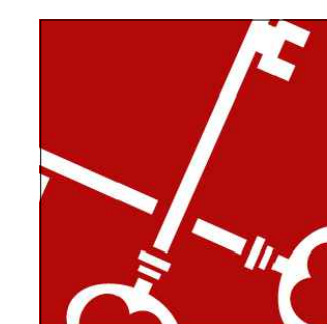


Fuss & O'Neill
One Financial Plaza, 15th Floor
Hartford, CT 06103
860-646-2469

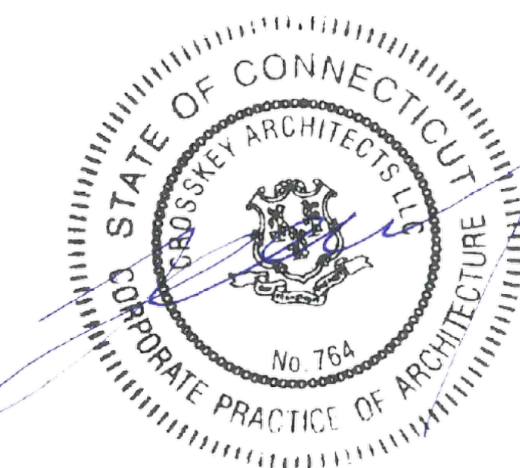
Owner:

Town of Windsor Locks
50 Church Street
Windsor Locks, CT 06096
860-292-8696

Architect:



Crosskey Architects LLC
750 Main Street
Hartford, CT 06103
860-724-3000



Structural Engineer:



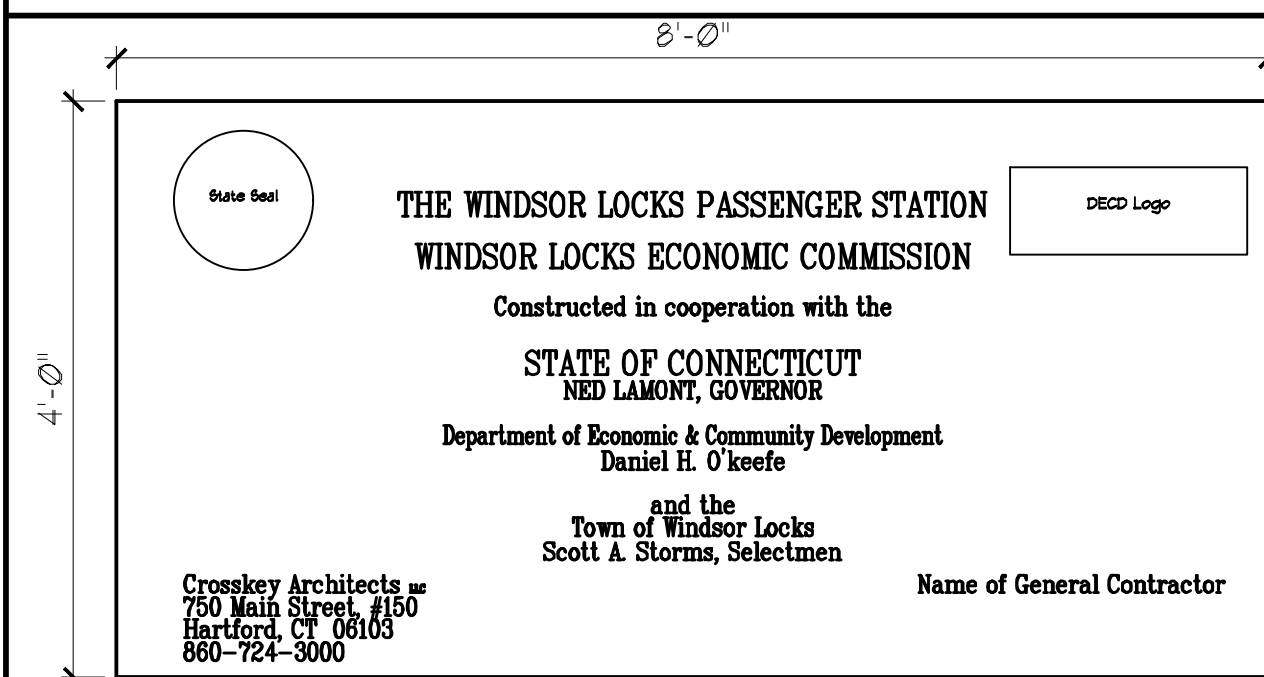
Cirrus Structural Engineering LLC
19 Lower Woodland Terrace
Columbia, CT 06237
860-337-0200

Mech / Elec / Plumbing Engineer:



Acorn Consulting Engineers INC
244 Farms Village Road
West Simsbury, CT 06092
860-651-1949

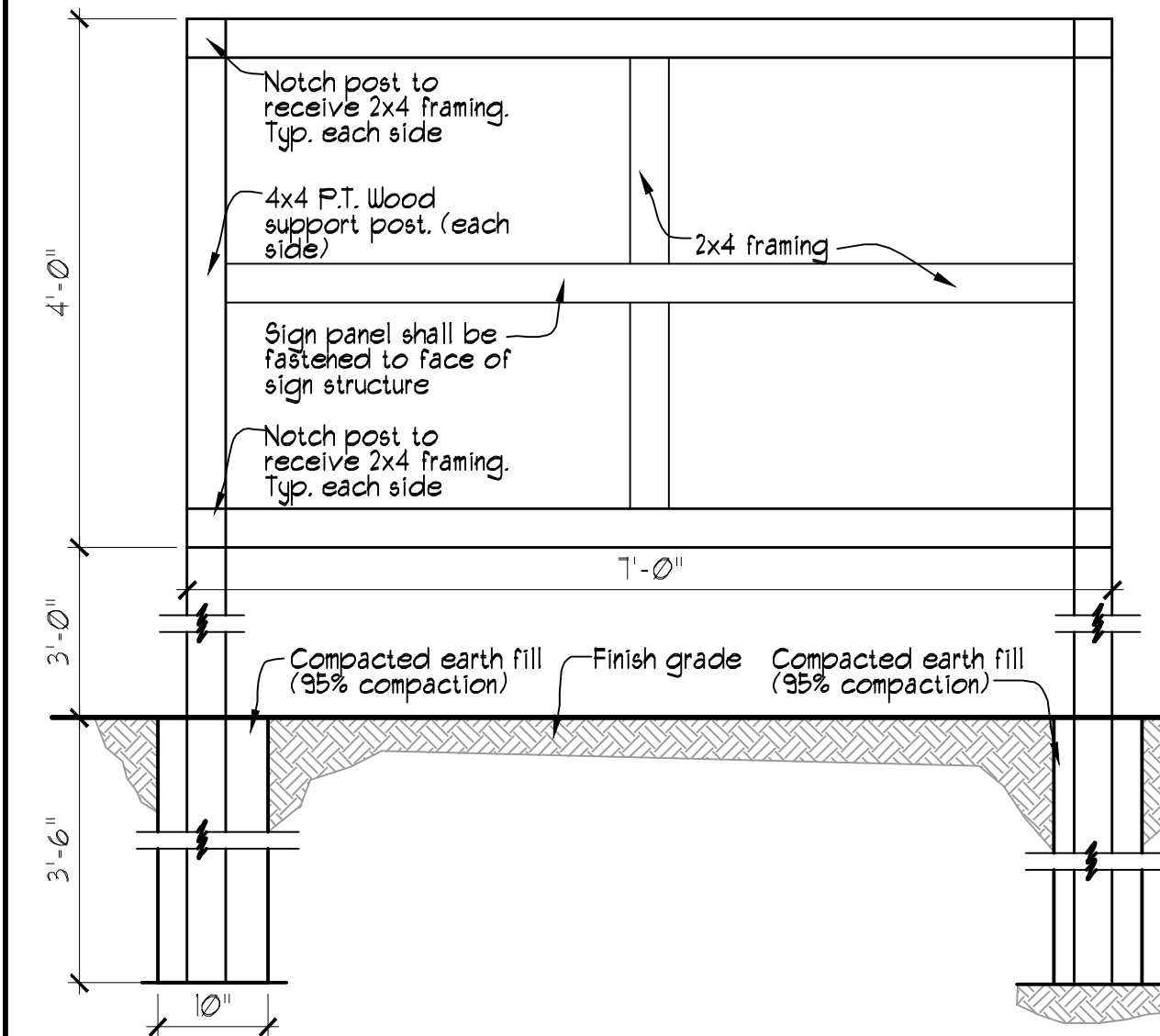
PROJECT SIGN - ADD ALTERNATE



TEMPORARY PROJECT SIGN

NO SCALE

- NOTES:
- 3/4" MDO EXT-APA grade plywood with (2) 4x4 treated wood columns and secured 4" into grade. Top of sign at 8'-0" above grade.
 - All letters and symbols are to be royal blue. The background will be white enamel. Back of plywood and support structure shall be painted matte black.
 - Type face to be Helvetica Medium.
 - Sign must be located to be clearly visible to the public.
 - Install at the start of construction and remove at construction completion.
 - Provide shop drawings which shall include means of mounting.

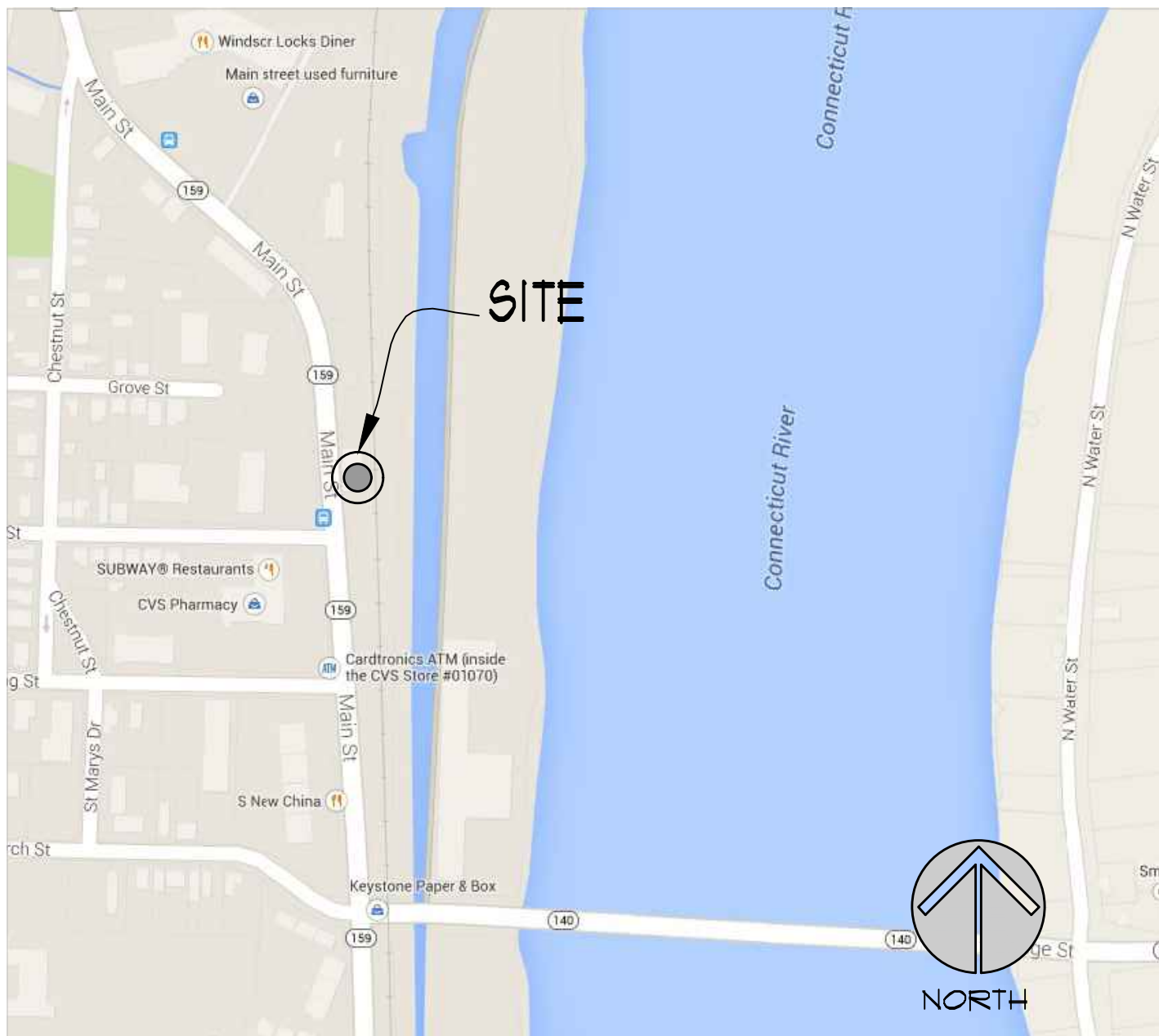


PROJECT SIGN SUPPORTING FRAME

NO SCALE

NOTE: Previous project sign supports may be reused. Verify structural stability in the field.

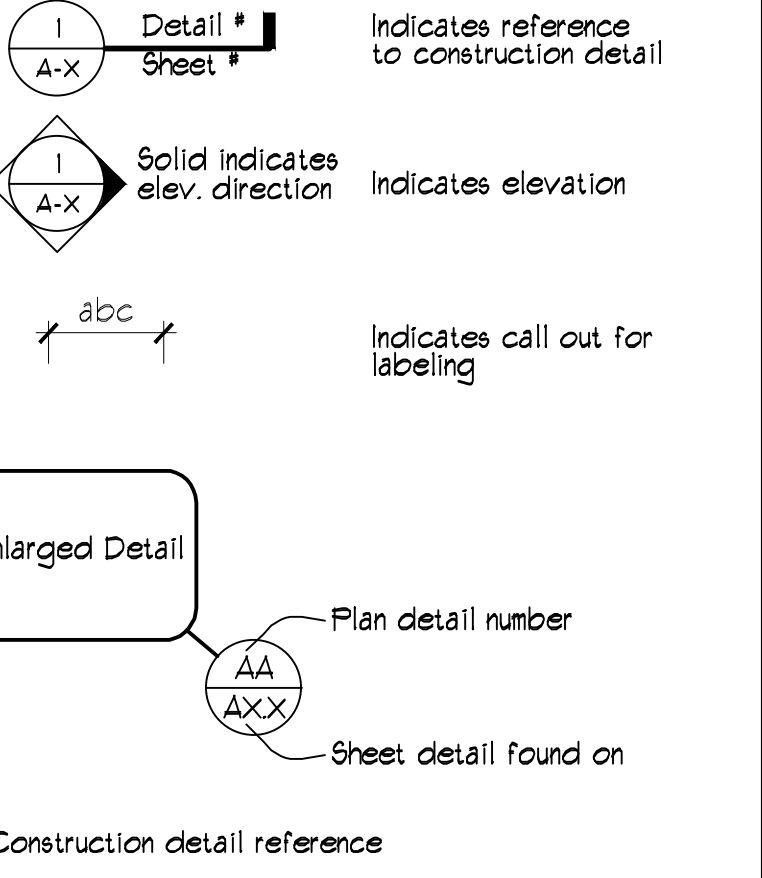
LOCATION MAP



ABBREVIATIONS

ABBREV	Abbreviation	DB	Deck Beam	IN	Inch	P	Panel	T	Trim
AFF	Above finished floor	DC	Dowel Caps	INT	Interior	PTD	Painted	T4B	Top & Bottom
AP	Applied Decoration	DIA	Diameter	KP	Kingpost	QR	Quarter Round	T4G	Tongue & Groove
AFFPROX	Approximate	DIM	Dimension	LF	Lineal Foot	RA	Rafter	TO	Top of
ARCH	Architectural	DUG	Drawing	MAX	Maximum	RD	Roof Beam	TYP	Typical
B	Brace	E	East	MFR	Manufacturer	RE	Roof Decking	VIF	Verify in Field
BB	Brace Beam	EA	Each	MIN	Minimum	REFR	Reference	W	West
BK	Bracket	EB	East Bay	MISC	Miscellaneous	REQ'D	Required	W/	With
BLDG	Building	EC	End Cap	MTD	Mounted	RKD	Rake Detail	WB	Wall Bay
BP	Brace Post	ED	Eave Detail	MTL	Metal	RP	Roof Purlin	WF	Wood Furring
C	Center Line	EL	Elevation	N	North	S	South	WP	Wall Post
CB	Column or Column Component	EQ	Equal	NB	North Bay	SB	South Bay	WD	Wood
CJ	Control Joint	EXG	Existing	NIC	Not In Contract	SF	Square Foot	W/O	Without
CFM	Center Framing Members	EXT	Exterior	NO	Not In Contract or * Number	SIM	Similar		
CLG	Ceiling	FB	Fascia Board	NOM	Nominal	SQ	Square		
CLKG	Caulking	FJ	Floor Joist	NTS	Not To Scale	ST	Strut		
CLR	Clear	FLRG	Flooring	OC	On Center	STD	Standard		
CONT	Continuous	FT	Fascia Trim	OPNG	Opening	SW	Scroll Work		
COR	Cornice	GC	General Contractor	OPP	Opposite				
CT	Collar Tie	GR	Grille						
CTR	Center	HGT	Height						
		HORIZ	Horizontal						

SYMBOL LEGEND



GENERAL NOTES

- All common stairs to have a maximum riser dimension of 11" and a minimum tread dimension of 11".
- G.C. to provide all demolition and dumpsters as is necessary to complete the work.
- All wiring shall be run concealed. Notify architect of problem areas for direction prior to beginning work. Wire mold is not acceptable.
- All materials are to be new unless noted otherwise and shall be installed per manufacturer's recommendations.
- New lumber in the following locations shall be pressure treated:
 - Any locations where lumber is in contact with concrete or masonry.
 - All porch or deck framing (included framing and blocks for roofs above such elements)
 - All lumber outside the building thermal envelope including but not limited to exterior wall furring strips, blocking in eaves, soffits, etc.
- If plans and specifications provide conflicting information, then the strictest, most expensive interpretation shall apply.
- Provide metal UL fire rated plumbing access panels as indicated on the plans. Panels are to be 18" x 18" with keyed locks. Provide panels to access bathroom plumbing traps. Field verify locations. Provide submittal architect's review.
- Provide all necessary chases and "box outs" for plumbing and heating piping as required to complete the work. Review locations with Architect prior to installation.
- Provide 6" min. clearance between mechanical flues and combustible materials.
- All plumbing and heating piping to be concealed in walls and floor assemblies, unless noted otherwise.
- All concrete footings shall bear on undisturbed soil unless noted otherwise.
- G.C. to minimize notching of floor joist for the installation of new plumbing piping. Where notching is unavoidable, joist hole or notch shall be less than 1/4 joist depth. Provide 1/8" x 12" sheet metal strips at the bottom of all notched floor joist. Straps shall extend 8" along bottom of joist each side of

DEFINITIONS

- RESTORE Renovate to original "like new" condition. If portions of work are damaged beyond repair, consult architect and replace w/ new to replicate original.
- CLEAN Remove dirt, soil, debris and any foreign elements adhered to the surface. Consult architect for method of cleaning.
- REPLACE Remove existing and provide & install new material. Consult architect on material to replace existing.
- REFINISH Renovate existing finish to original "like new" condition.
- REFURBISH Clean, restore, refinish to match original "like new" condition.
- MATCH EXISTING Area of work shall replicate in every respect similar elements, finishes, etc., which are existing. If existing work is to be improved, items noted to match existing shall match the improved condition.
- * NOTE: In all of the above, consult w/ architect and refer to plans.

ELECTRICAL DEVICE MOUNTING HEIGHTS

- All dimensions are to center of device unless otherwise noted. Receptacles:
 - Typical locations, mount at 18" AFF.
 - At locations above casework, mount bottom of receptacle at 2" above backsplash.
 - At locations below casework mount at 24" AFF.
 - At exterior locations mount 24" above grade.
- Switches:
 - Boiler emergency switches: 48" AFF.
 - Wiremold: 24" AFF.
 - Data/phone/TV outlets: 18" AFF.
 - Fire alarm pull stations: 48" AFF.
 - Fire alarm visual/audio indicating units: 80" AFF.
 - Area of refuge call station: 48" AFF.
 - Emergency shut-off switch/ push button: 48" AFF.
 - Emergency call switch: 36" AFF.
 - Emergency call bell/light: 90" AFF. (Centered above door)
 - Wall mounted exit signs: 90" AFF.
 - Wall mounted clocks & speakers: 90" AFF.

LIST OF DRAWINGS

GENERAL SHEETS	
G-000	COVER SHEET
G-001	DRAWING INDEX & GENERAL INFORMATION
G-100	CODE INFORMATION & DIAGRAMS

CIVIL DRAWINGS	
C-10	DEMO AND EROSION & SEDIMENT PLAN
C-11	DEMO AND EROSION & SEDIMENT DETAILS
C-20	SITE PLAN
C-30	SITE DETAILS
C-31	SITE DETAILS

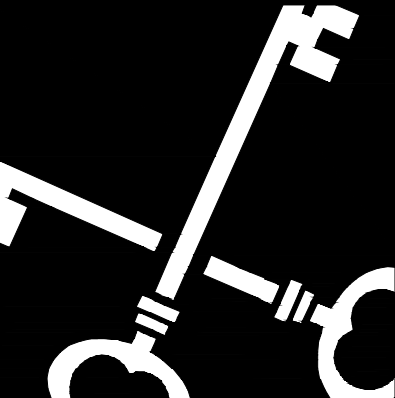
STRUCTURAL DRAWINGS (BID ALTERNATE #6)	
DS-1	FOUNDATION DEMOLITION PLAN
DS-2	FIRST FLOOR DEMOLITION FRAMING PLAN
S-1	PROPOSED FOUNDATION PLAN
S-2	FIRST FLOOR FRAMING PLAN
S-3	ATTIC FRAMING PLAN
S-4	ROOF FRAMING PLAN
S-5	ELEVATIONS
S-6	GENERAL NOTES AND TYPICAL DETAILS
S-7	SECTION AND DETAILS
S-8	SECTION AND DETAILS

ARCHITECTURAL DRAWINGS	
AD-101	DEMOLITION PLANS
A-110	FLOOR PLANS
A-210	EXTERIOR ELEVATIONS
A-220	EXTERIOR ELEVATIONS
A-301	BUILDING SECTION
A-310	INTERIOR ELEVATIONS
A-501	CONSTRUCTION ASSEMBLIES
A-610	DOOR SCHEDULE
A-110	ENLARGED STAIR PLANS & DETAILS
AC-110	REFLECTED CEILING PLANS
AC-111	REFLECTED CEILING PLANS
AF-110	FINISH PLAN

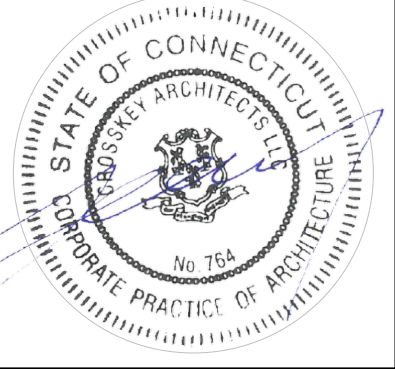
MECHANICAL DRAWINGS	
M-100	BASEMENT FLOOR PLAN MECHANICAL
M-110	FIRST FLOOR PLAN MECHANICAL
M-120	ATTIC PLAN MECHANICAL
M-200	DETAIL PLAN MECHANICAL
M-300	SCHEDULE PLAN MECHANICAL

ELECTRICAL DRAWINGS	
E-100	BASEMENT FLOOR PLAN ELECTRICAL
E-110	FIRST FLOOR PLAN ELECTRICAL
E-120	ATTIC PLAN ELECTRICAL
E-200	ELECTRICAL DETAILS

PLUMBING DRAWINGS	
P-100	BASEMENT FLOOR PLAN PLUMBING
P-110	FIRST FLOOR PLAN PLUMBING
P-120	ATTIC PLAN PLUMBING



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Windsor Locks Economic Commission
50 Church Street, Windsor Locks, CT

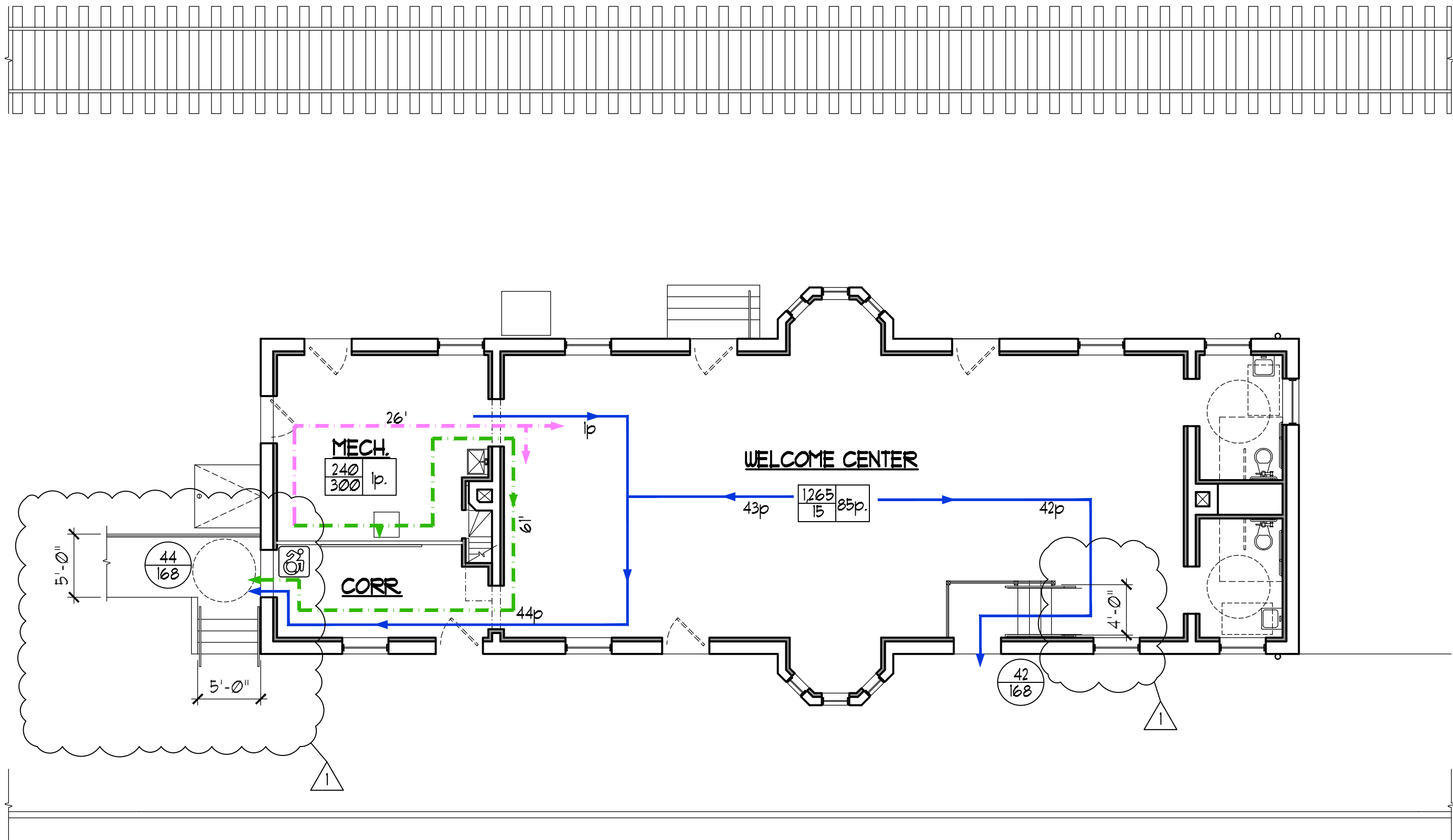
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Revisions

1 Add. # 1/30/25

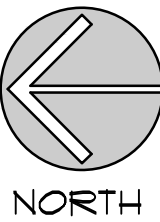
Drawing Index
&
General
Information

G-001

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1 FIRST FLOOR CODE PLAN
SCALE: 1/8"=1'-0"



CODE PLAN LEGEND

Exit Capacity

- 75 Actual egress capacity of door
- 168 Max. allowable egress capacity of door
- 44" Width of stairs
- 62 Actual egress capacity of stairs
- 146 Max. allowable egress capacity of stairs

Room Occupancy Load

- 300/45 Occupant load of room
- 28 Occupancy load factor
- 18p Number of occupants exiting
- 18p Direction of travel
- 184 Max. travel distance
- 184 Path of max. travel distance
- 114 Max. common path distance
- 114 Common path of travel distance

Fire Rated Designations

- 20 Minute rated construction
- 1 Hour fire rated construction
- 2 Hour fire rated construction

NOTE:
Other partitions may contain ratings for other req's which are not shown here. See partition tags on architectural sheets for further info.

- 62 Accessible element

BUILDING CODE SUMMARY

Project Description

The scope of work for this project shall include completing the interior restoration for the subject building into a Welcome Center. Work shall include interior carpentry restoration, door repair/replacement, replacement of all interior finishes, new ceilings and lighting throughout, and two new ADA compliant restrooms. Refer to drawings for more information.

2022 Connecticut State Building Code

- 2021 International Building Code with State Amendments
- 2021 International Existing Building Code with State Amendments
- 2021 International Plumbing Code with State Amendments
- 2021 International Mechanical Code with State Amendments
- 2021 International Energy Code with State Amendments
- 2020 NFPA 70, National Electric Code with State Amendments
- ICC A117.1-2017 with State Amendments
- 2022 Connecticut Fire Code
- 2021 International Fire Code with State Amendments

Use Group Classification: A-3: ASSEMBLY

Accessory Occupancies: S-2: Storage

Construction Classification: Type IIIB

Building Height and Area Limitations	Allowed	Provided
Height Limit - Feet (Table 504.5):	75'	0'
Height Limit - Stories (Table 504.4):	2 stories	1 Story
Area Limit - Footprint (Table 506.2):	9,500 SF.	2,120 SF.

Fire Resistance Ratings:	Required	Provided
Primary Structure (T60):	0 HR	0 HR
Exterior Walls: Load Bearing (T105.5):	2 HR	2 HR
Exterior Walls: Non-Load Bearing (T105.5):	2 HR	N/A
Interior Walls: Load Bearing (T60):	0 HR	0 HR
Interior Walls: Non-Load Bearing (T60):	0 HR	0 HR
Floor Construction (T60):	0 HR	0 HR
Roof Construction (T60):	0 HR	0 HR

Draftstopping:

Floor/Ceilings (T10.3): N/A
Attics (T10.4): Not required (less than 3,000 SF)

Interior Finishes (T 203.11)

Use Group Classification	Exit Stairs	Exit Access	Rooms
Group A-3 (non-sprinklered)	N/A	Class A	Class C

Fire Protection Sprinkler System: Required

Use: A-3 No (903.2.1.3) No

Standpipes (905) Not Required Not Provided

Fire Alarm Required Provided

Use: A-3 No (907.2.1) No

Means of Egress	Required	Provided
Ground Floor:	2 Means	2 provided

Accessible Egress (1009): 1 Means
Accessible Entrance (1105): Provided

Occupant Load (T1004.5): See Code Plan

Total: 26 people

Common Path of Travel (T106.2.1)	125' max	26'
Travel Distance (T107.1.2):	250' max.	61'
Dead End Corridor (107.0.5)	50'	0'
Stair width (1011.2)	44"	4'-6"
Corridor width (T107.0.3)	44"	5'-6" min.

Handicap Accessibility: Accessibility is provided throughout the building.

Water Closets	Required	Provided
Men:	1 per TSM	1 provided
Women:	1 per TSW	1 provided

Windsor Locks Passenger Station

Main Street, Windsor Locks, CT

Windsor Locks Economic Commission

50 Church Street, Windsor Locks, CT

Drawn: TN

Date: January 17, 2025

Revisions

4/16/2025

Code
Information &
Diagrams

G-100

SITE PREPARATION NOTES:

1. CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" (1-800-922-4455) AND VERIFY UTILITY MARK-OUT WITH THE OWNER PRIOR TO THE INITIATION OF ANY SITE DISTURBANCE.
2. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFICATION OF THE LOCATION AND NATURE OF ALL SUBSURFACE UTILITIES AT THE PROJECT WHICH MAY BE AFFECTED BY THE WORK. COORDINATE WITH RESPECTIVE UTILITY OWNERS AND PERFORM VERIFICATION OF TYPE, LOCATION, AND INVERTS AS REQUIRED.
3. PROTECT ALL IMPROVEMENTS NOT INCLUDED WITHIN THE LIMITS OF WORK. ANY IMPROVEMENT WHICH IS DAMAGED SHALL BE REPAIRED OR REPLACED IN-KIND TO THE OWNER'S SATISFACTION.
4. DURING DEMOLITION, PROTECT ALL ADJACENT CURBING, SIDEWALKS, RAMPS, ABOVE-GRADE AND BELOW-GRADE UTILITIES, DRAINAGE STRUCTURES, LIGHT BASES, AND OTHER IMPROVEMENTS POTENTIALLY AFFECTED BY THE WORK. CLEARLY DELINEATE THE LIMITS OF WORK AND MARK, BARRICADE, OR OTHERWISE IDENTIFY THOSE IMPROVEMENTS THAT ARE TO BE PROTECTED AND/OR AVOIDED. ANY IMPROVEMENT WHICH IS DAMAGED SHALL BE REPAIRED OR REPLACED IN-KIND TO THE OWNER'S SATISFACTION.
5. THE LOCATIONS OF EXISTING SITE FEATURES AS SHOWN HAVE BEEN OBTAINED FROM MAPS, SURVEYS, FIELD INSPECTIONS, AND OTHER AVAILABLE INFORMATION. THEY MUST BE CONSIDERED APPROXIMATE BOTH TO LOCATION, SIZE, AND AS-BUILT CONDITION AND ARE PROVIDED FOR INFORMATIONAL PURPOSES ONLY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL FIELD CONDITIONS.
6. THE DIMENSIONS SHOWN ON THE PLANS, INCLUDING THE INTENDED DIMENSIONS OF THE WORK, MAY VARY FROM ACTUAL EXISTING CONDITIONS IN THE FIELD. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASUREMENTS TO VERIFY ALL DIMENSIONS SHOWN ON THE DRAWINGS AS WELL AS OTHER DIMENSIONS HE MAY DEEM APPROPRIATE TO FACILITATE THE COMPLETION OF THE WORK. NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THAT PORTION OF THE WORK.
7. IMPLEMENTING WORKER SAFETY AND/OR HEALTH PROTOCOLS THAT ADDRESS COMPLIANCE WITH RULES, LAWS, AND REGULATIONS PERTAINING TO CONSTRUCTION SAFETY AND/OR THE POTENTIAL AND/OR ACTUAL RISK OF EXPOSURE TO SITE-SPECIFIC PHYSICAL OR CHEMICAL HAZARDS IS SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.
8. PROVIDE PAVEMENT SAWCUT AT THE EDGE OF EACH PAVEMENT REMOVAL AREA TO ESTABLISH A CLEAN EDGE WHERE NEW WORK WILL MEET EXISTING PAVEMENT. SAWCUT SHALL BE A MINIMUM OF 12 INCHES FROM EDGE OF PAVEMENT REMOVAL.
9. UNLESS OTHERWISE INDICATED, ALL DISTURBED AREAS SHALL BE RESTORED WITH SIX (6) INCHES OF LOAM, SEED, FERTILIZED, AND MULCHED. PROVIDE ADDITIONAL EROSION CONTROLS AS REQUIRED.

EROSION AND SEDIMENT CONTROL NOTES:

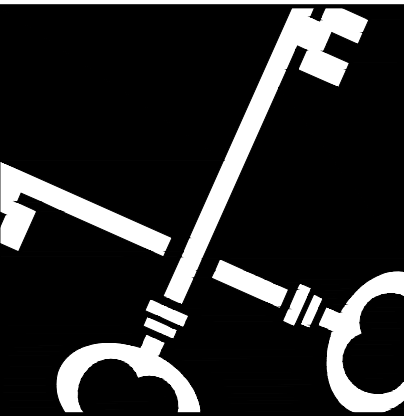
1. THIS PLAN IS FOR EROSION AND SEDIMENTATION (E&S) CONTROL ONLY. SEE OTHER PLANS FOR THE SCOPE OF CONSTRUCTION WORK.
2. THE MEASURES SPECIFIED HEREON ARE THE MINIMUM REQUIREMENTS FOR E&S CONTROL AND ARE SHOWN IN GENERAL SIZE AND LOCATION ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL E&S CONTROL MEASURES ARE CONFIGURED AND CONSTRUCTED IN A MANNER THAT WILL MINIMIZE EROSION OF SOILS AND PREVENT THE TRANSPORT OF SEDIMENTS AND OTHER POLLUTANTS TO ANY RESOURCE AREAS. ALL EROSION CONTROLS SHALL BE INSTALLED PRIOR TO ANY SITE WORK. CONTROLS SHOULD BE INSPECTED WEEKLY AND AFTER EACH RAINFALL. EXCAVATED MATERIAL SHOULD NOT BE DISPOSED OF IN THE WETLAND AREA. PROVIDE ADDITIONAL E&S MEASURES AS REQUIRED TO CONTROL EROSION AND SILTATION THROUGHOUT THE DURATION OF THE CONSTRUCTION AS CONDITIONS DICTATE AND/OR AS DIRECTED BY THE OWNER OR THE ENGINEER.
3. MONITOR AND INSPECT ALL E&S MEASURES IN AN ONGOING MANNER THROUGHOUT THE WORK AND TAKE CORRECTIVE MEASURES, AS REQUIRED, TO MINIMIZE EROSION OF SOILS AND PREVENT THE TRANSPORT OF SEDIMENTS AND OTHER POLLUTANTS TO ANY RESOURCE AREAS.
4. ANY EROSION AND SEDIMENTATION MEASURE IMPLEMENTED BEYOND THAT SHOWN HEREON SHALL CONFORM TO APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT'S 2024 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL."
5. ANY STOCKPILED MATERIAL SHALL BE SUBJECT TO EROSION CONTROL MEASURES THAT INCLUDE A MINIMUM OF SILT FENCE OR HAY BALE BARRIER, COVER STOCKPILES IF SIGNIFICANT RAINFALL IS PREDICTED.
6. PROVIDE TEMPORARY SEEDING WITH MULCH ON ALL EXPOSED SOIL AREAS WHERE WORK WILL BE SUSPENDED FOR LONGER THAN 30 DAYS. APPLY SEED AND MULCH WITHIN THE FIRST 7 DAYS OF SUSPENDING WORK. WHEN SEEDING IS NOT POSSIBLE DUE TO SEASONAL WEATHER CONDITIONS OR OTHER FACTORS, PROVIDE TEMPORARY STRUCTURAL SOIL PROTECTION SUCH AS MULCH, WOODCHIPS, EROSION CONTROL MATTING, OR COMPOST.
7. ALL TEMPORARY SLOPES IN EXCESS OF 3 (HORIZONTAL) TO 1 (VERTICAL) SHALL BE STABILIZED WITH EROSION CONTROL MATTING OR APPROVED EQUIVALENT.
8. NO RUNOFF SHALL BE ALLOWED TO EXIT THE SITE PRIOR TO TREATMENT FOR SEDIMENT REMOVAL.
9. THE CONTRACTOR SHALL MAINTAIN A CLEAN CONSTRUCTION SITE AND SHALL NOT ALLOW THE ACCUMULATION OF RUBBISH OR CONSTRUCTION DEBRIS. ALL TRASH SHALL BE CLEANED ON A DAILY BASIS AND THE SITE SHALL BE LEFT IN A NEAT CONDITION AT THE END OF EACH WORK DAY.
10. TAKE ALL NECESSARY PRECAUTIONS TO AVOID THE SPILLAGE OF FUEL OR OTHER POLLUTANTS AND ADHERE TO ALL APPLICABLE POLICIES AND REGULATIONS RELATED TO SPILL PREVENTION, CONTROL, AND RESPONSE.
11. FOR DUST CONTROL, PERIODICALLY MOISTEN EXPOSED SOIL SURFACES WITH WATER AND MAINTAIN ADEQUATE MOISTURE LEVELS.
12. SWEEP ADJACENT ROADWAYS IF MUD OR SOIL IS TRACKED ON TO THEM, OR AS DIRECTED BY THE ENGINEER.
13. SILT SACKS TO BE INSTALLED IN ALL PROPOSED CATCH BASINS ONCE CONSTRUCTED.

TEMPORARY E&S MAINTENANCE MEASURES:

FILTER INSERTS IN DRAINAGE SYSTEM	CLEAN CATCH BASIN GRATE, REMOVE SEDIMENT/DEBRIS FROM FILTER INSERTS	WEEKLY & WITHIN 24 HOURS AFTER STORM GENERATING A DISCHARGE
HAY BALES/ SILT FENCE BARRIER	REPAIR/REPLACE WHEN FAILURE OBSERVED, REMOVE SILT WHEN ACCUMULATION REACHES APPROX. HALF HEIGHT OF BARRIER	WEEKLY & WITHIN 24 HOURS AFTER STORM GENERATING A DISCHARGE
MOISTEN EXPOSED SOILS	PERIODICALLY MOISTEN EXPOSED SOIL SURFACES WITH WATER ON UNPAVED TRAVELWAYS AND KEEP TRAVELWAYS DAMP	DAILY

LEGEND

	PROPERTY LINE
	EX. SITE ITEM TO BE REMOVED
	UTILITY STRUCTURE TO BE RESET
	FENCE/WALL TO BE REMOVED
	PIPING TO BE FLOW FILLED
	SILT FENCE
	TEMPORARY SOIL STOCKPILE
	CONCRETE WASHOUT AREA
	BIT. PAVEMENT TO BE REMOVED
	CONCRETE PAVEMENT TO BE REMOVED
	BRICK PAVEMENT TO BE REMOVED
	WOODEN STAIR AND DECK REMOVAL



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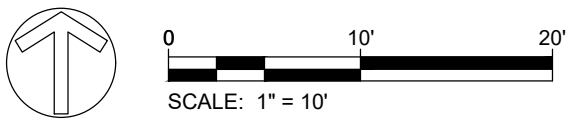
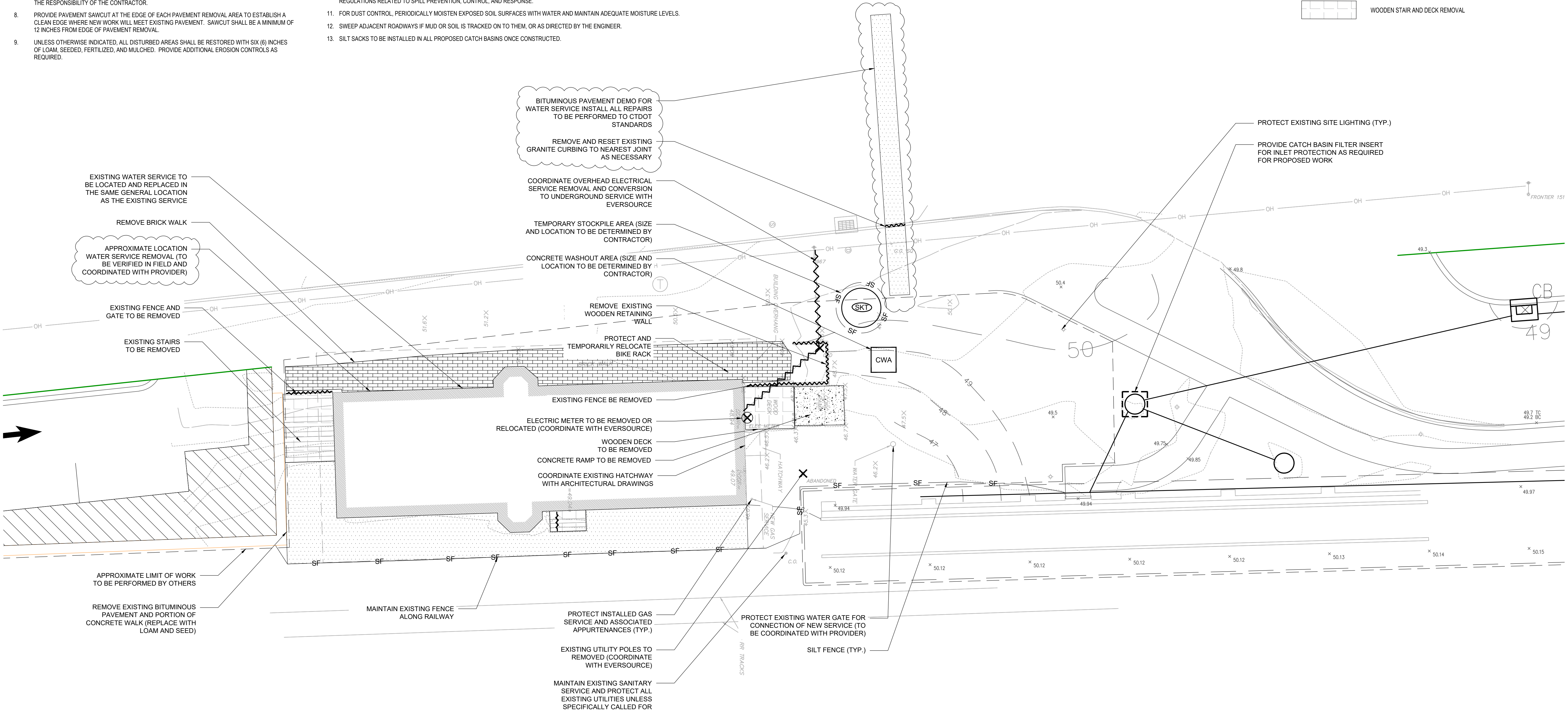


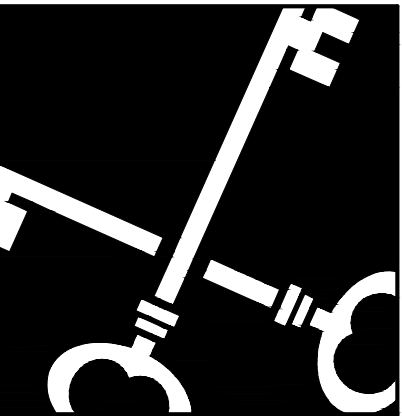
Windsor Locks Passenger Station
Main Street, Windsor Locks, CT
Windsor Locks Economic Commission

Drawn: BENESCH: GSL
Date: January 17, 2025
Revisions
05-15-2025 CTDOT RESPONSE
06-02-2025 CT WATER REV
06-11-2025 CTDOT PERMIT

DEMO & E&S
PLAN

C1.0
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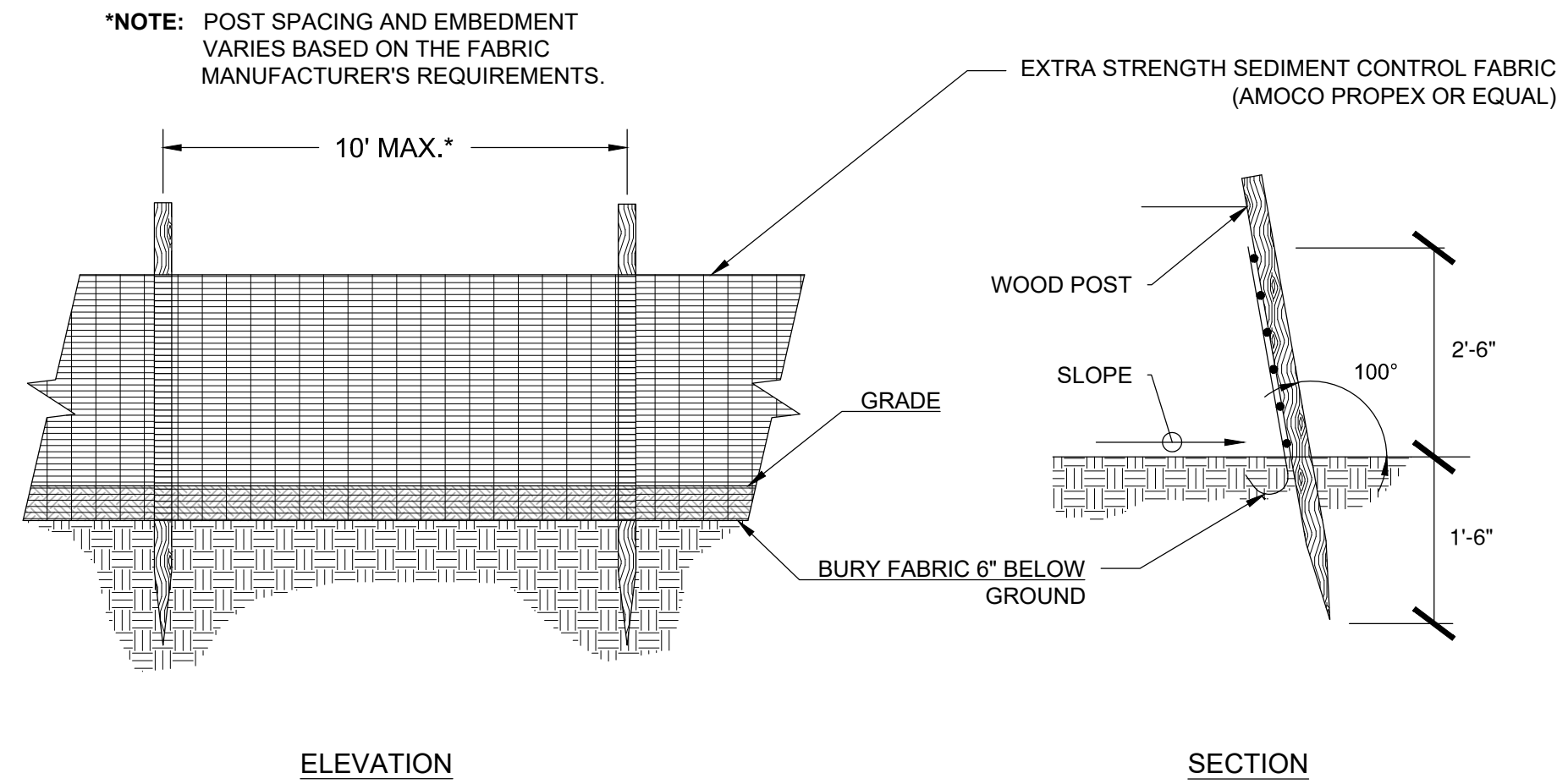
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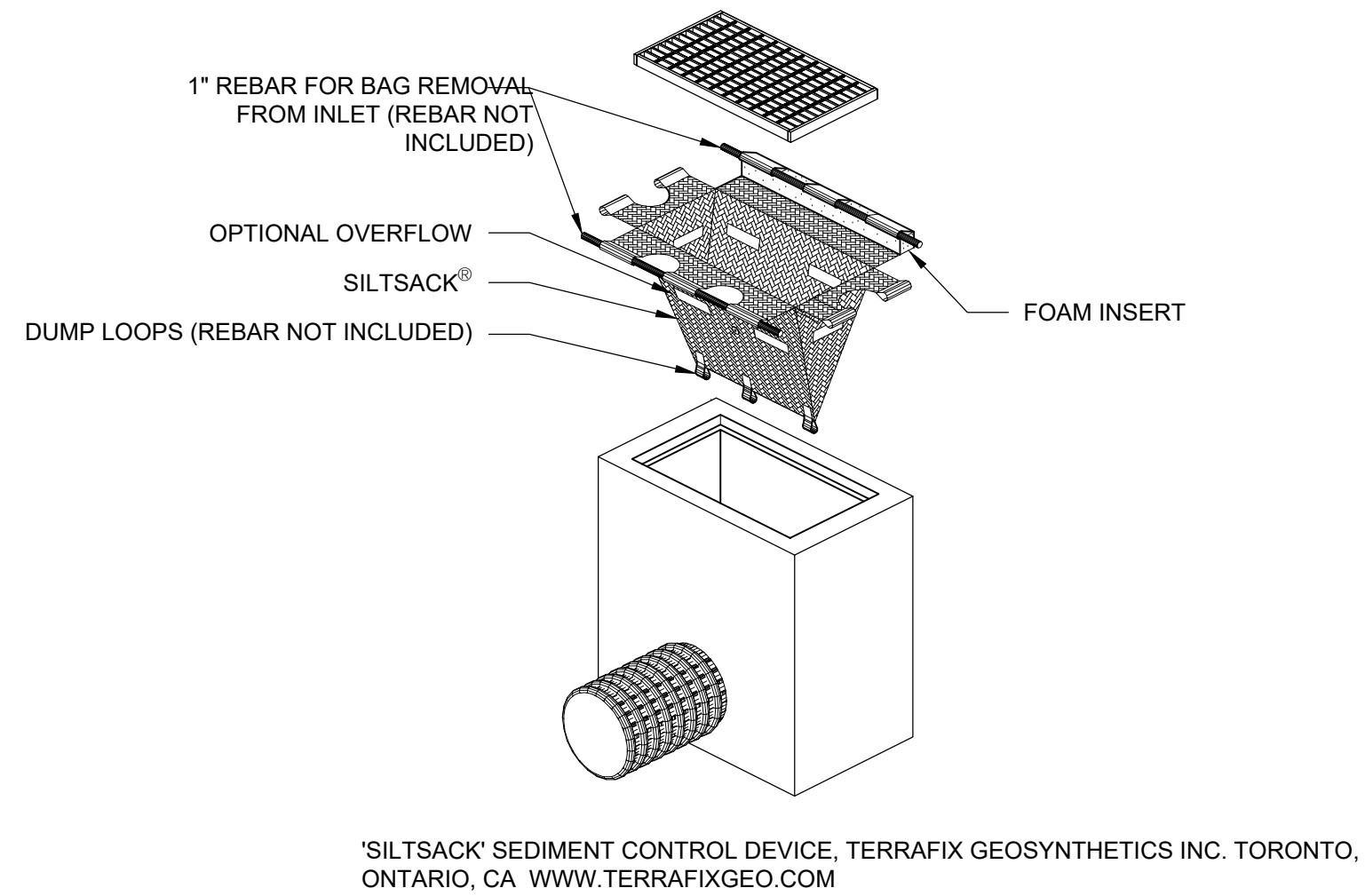
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DEMO & E&S
DETAILS

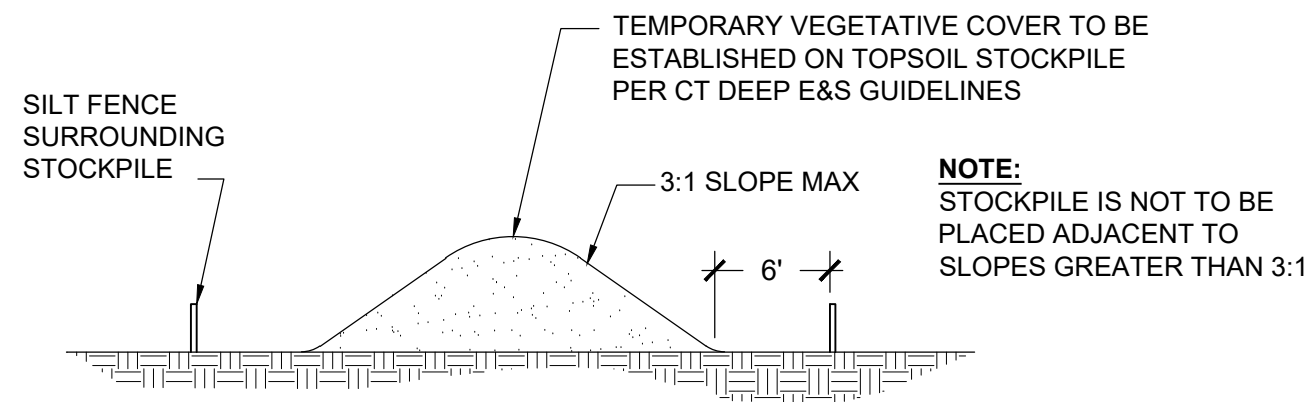
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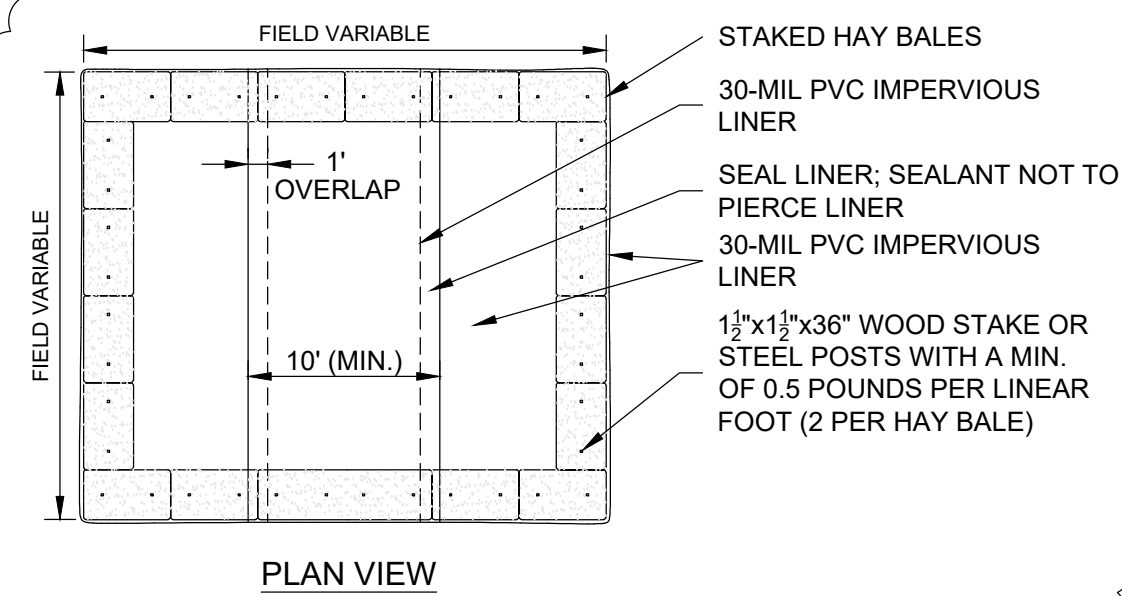
SILT FENCE BARRIER (SF)
N.T.S.



SILT SACK DETAIL (CATCH BASIN FILTER INSERT)
N.T.S.

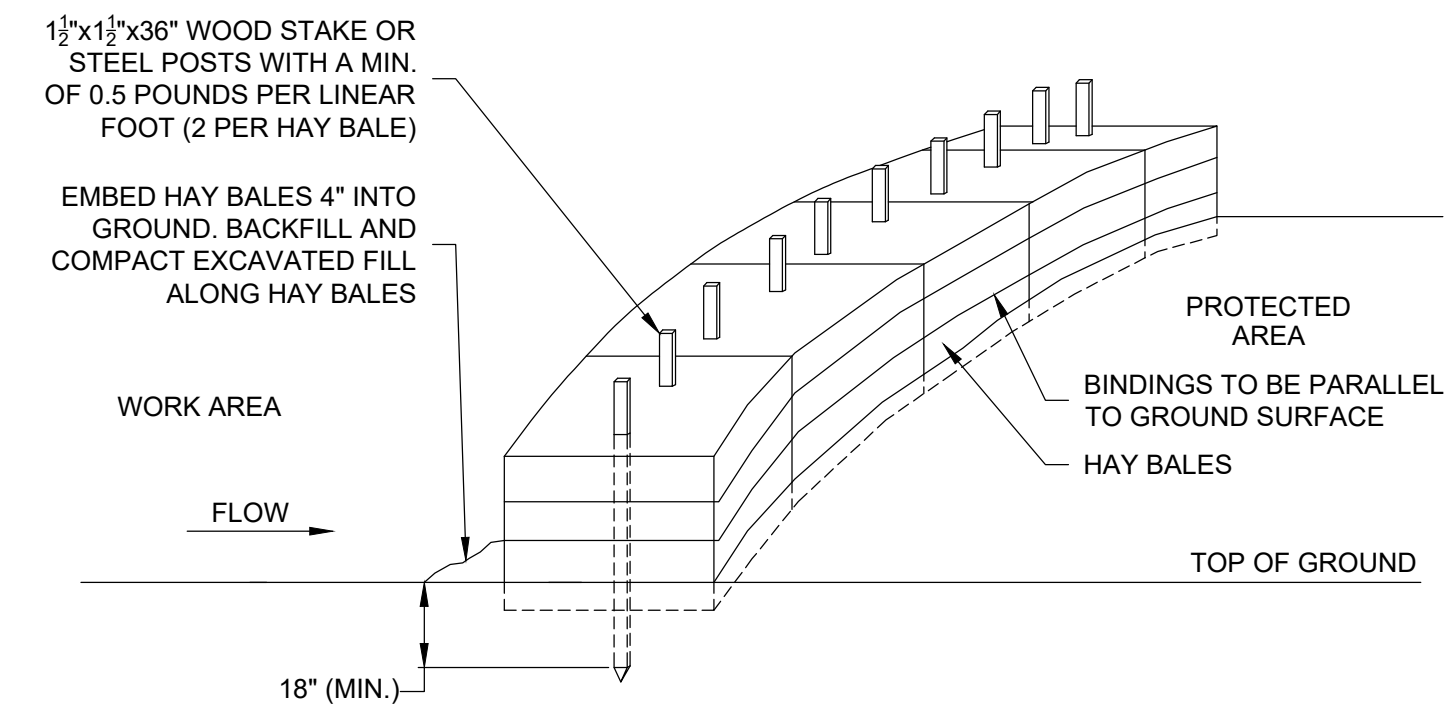


TEMPORARY STOCKPILE (STK)
N.T.S.



- NOTES:**
1. CONSTRUCT WASHOUT AREA LARGE ENOUGH TO ENSURE MATERIALS WILL BE CONTAINED WHERE WASTE CONCRETE CAN SOLIDIFY IN PLACE AND EXCESS WATER CAN SAFELY EVAPORATE.
 2. WASHOUT AREA SHALL BE LARGE ENOUGH TO RETAIN ALL LIQUID AND WASTE CONCRETE MATERIALS FROM WASHOUT OPERATION.
 3. WEEKLY INSPECTIONS OF WASHOUT AREAS SHALL BE CONDUCTED TO ASSESS THE HOLDING CAPACITY AND FUNCTIONALITY OF THE WASHOUT AREA.

TEMPORARY CONCRETE WASHOUT AREA (CWA)
N.T.S.



- NOTES:**
1. HAY BALES SHALL BE MADE OF HAY OR STRAW WITH 40 POUND MIN. WEIGHT AND 120 POUND MAX. WEIGHT HELD TOGETHER BY TWINE OR WIRE.
 2. PLACE HAY BALES ON CONTOUR AND WING THE LAST HAY BALES UP SLOPE SO THAT THE TOP OF THE LAST SEVERAL HAY BALES ARE HIGHER THAN THE LINE OF HAY BALES.
 3. DRIVE FIRST STAKE IN EACH BALE TOWARD THE PREVIOUSLY LAID BALE TO FORCE THEM TOGETHER.
 4. PUT ONE HAY BALE PERPENDICULAR ALONG HAY BALE BARRIER EACH 100 FEET.

HAY BALE BARRIER (HB)
N.T.S.

MATERIALS NOTES

1. MATERIALS AND CONSTRUCTION PROCEDURES SHALL COMPLY WITH CT DOT FORM 820, THE TOWN OF WINDSOR LOCKS LAND-USE REGULATIONS AND THE PROJECT MANUAL.
2. ALL LOCATIONS WHERE EXISTING CURBING, BITUMINOUS CONCRETE ROADWAY OR CONCRETE ROADWAY OR CONCRETE SIDEWALK ADJUT NEW CONSTRUCTION. THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAW CUT TO PROVIDE A CLEAN, SMOOTH EDGE. TACK COAT EXPOSED EDGES OF EXISTING CONCRETE PRIOR TO PLACEMENT OF NEW BITUMINOUS CONCRETE PAVEMENT.
3. MANUFACTURED ITEMS SHALL BE INSTALLED, CONNECTED AND CLEANED ACCORDING TO THE MANUFACTURERS DIRECTIONS.
4. EXPANSION AND SCORE JOINTS FOR NEW CONCRETE WALKS SHALL BLEND TO MATCH EXISTING PATTERNS. CONTRACTOR TO ARRANGE TIMELY ON-SITE CONFERENCES WITH LANDSCAPE ARCHITECT TO APPROVE LAYOUT OF JOINT PATTERNS.
5. PROVIDE EXPANSION JOINTS FOR NEW CONCRETE PAVING AT ALL CURBS, TREE GRATES, BUILDING WALLS, SITE WALLS, STAIRS, LIGHT POLE BASES, MANHOLES, GRATES/VAULTS, EXISTING CONCRETE PAVING, STOP LIGHTS, FIRE HYDRANTS AND ALL OTHER FIXED MATERIALS. MAXIMUM DISTANCE BETWEEN EXPANSION JOINTS SHALL NOT EXCEED 20 FEET.
6. ALL DAMAGED OR BROKEN SECTIONS OF EXISTING STREET SIDEWALK AND CURBING WITHIN THE TOWN / CITY RIGHT OF WAY SHALL BE REPLACED.

LAYOUT NOTES

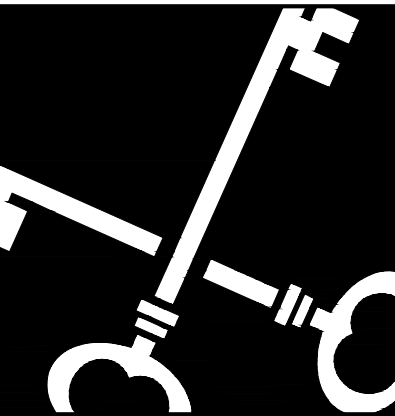
1. NEW PAVEMENT TO MEET LINE & GRADE OF EXISTING PAVEMENTS.
2. ALL LINES AND DIMENSIONS ARE PARALLEL OR PERPENDICULAR TO THE LINES FROM WHICH THEY ARE MEASURED.
3. FIELD ADJUSTMENTS MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE AND APPROPRIATE MUNICIPAL OFFICIALS PRIOR TO CONSTRUCTION.
4. CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE VERTICAL AND HORIZONTAL POSITION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION.

UTILITY NOTES

1. A 4" CONDUIT STUB HAS BEEN INSTALLED FOR THE ELECTRICAL AND COMMUNICATIONS SERVICE ON THE PROJECT SIDE OF THE MULTI-USE PATH IN THE APPROXIMATE LOCATION AS CALLED OUT ON THE PLAN. CONTRACTOR IS TO COORDINATE WITH EVERSOURCE TO DETERMINE CONNECTION TYPE, WETHER OVERHEAD OR UNDERGROUND.

LEGEND

- EXPANSION JOINT
- CONTRACTION JOINT
- CONCRETE SIDEWALK
- DRAINAGE PIPE
- AREA DRAIN



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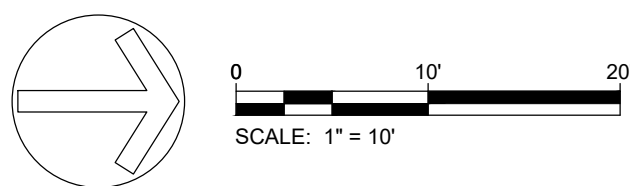
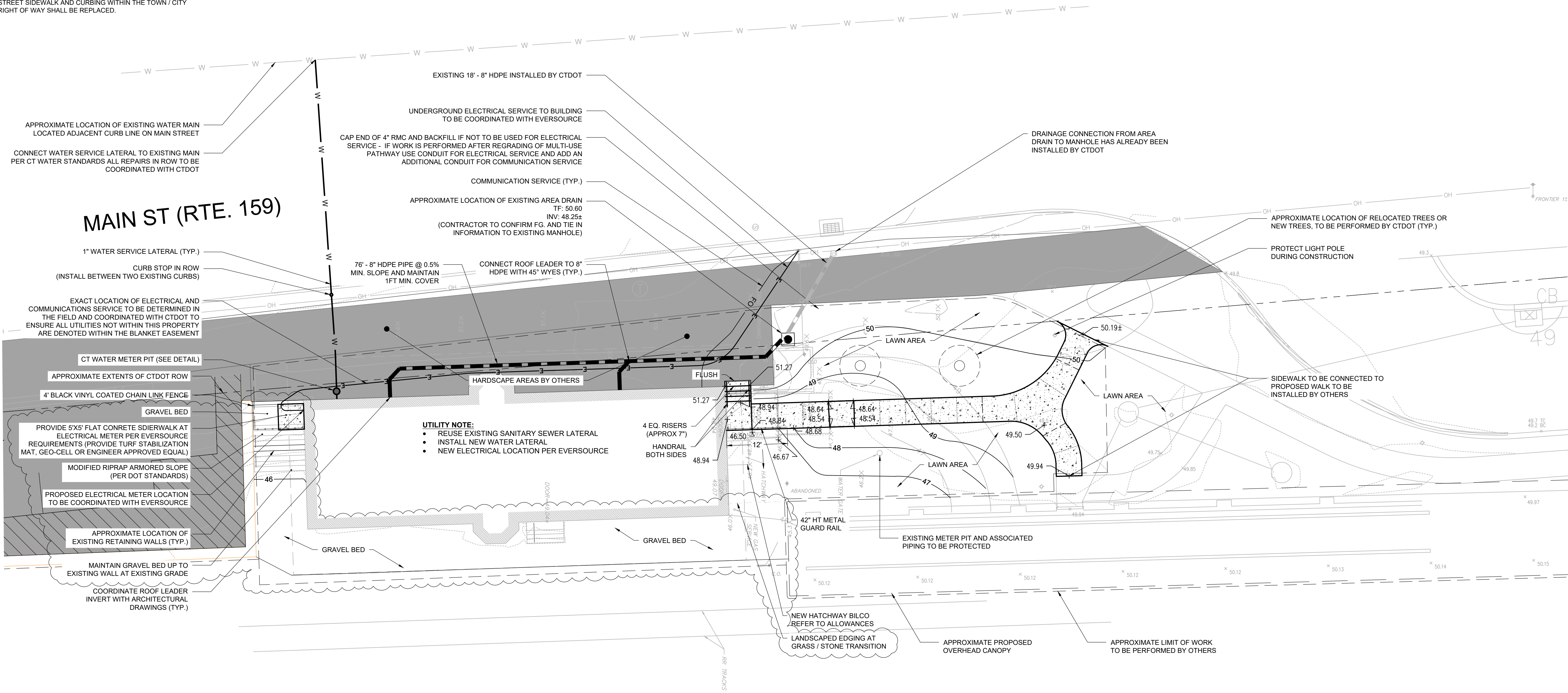
Windsor Locks Passenger Station
Main Street, Windsor Locks, CT

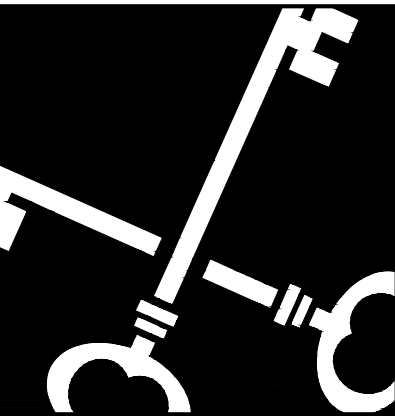
Windsor Locks Economic Commission
50 Church Street, Windsor Locks, CT

Drawn: BENESCH: GSL, JHL
Date: January 17, 2025
Revisions
05-15-2025 CTDOT RESPONSE
06-02-2025 CT WATER REV
06-11-2025 CTDOT PERMIT
07-29-2025 WATER REVISION
08-14-2025 STAIR REVISION
09-09-2025 ELEC + COMS REV.
09-25-2025 ASI #10

SITE PLAN

C2.0
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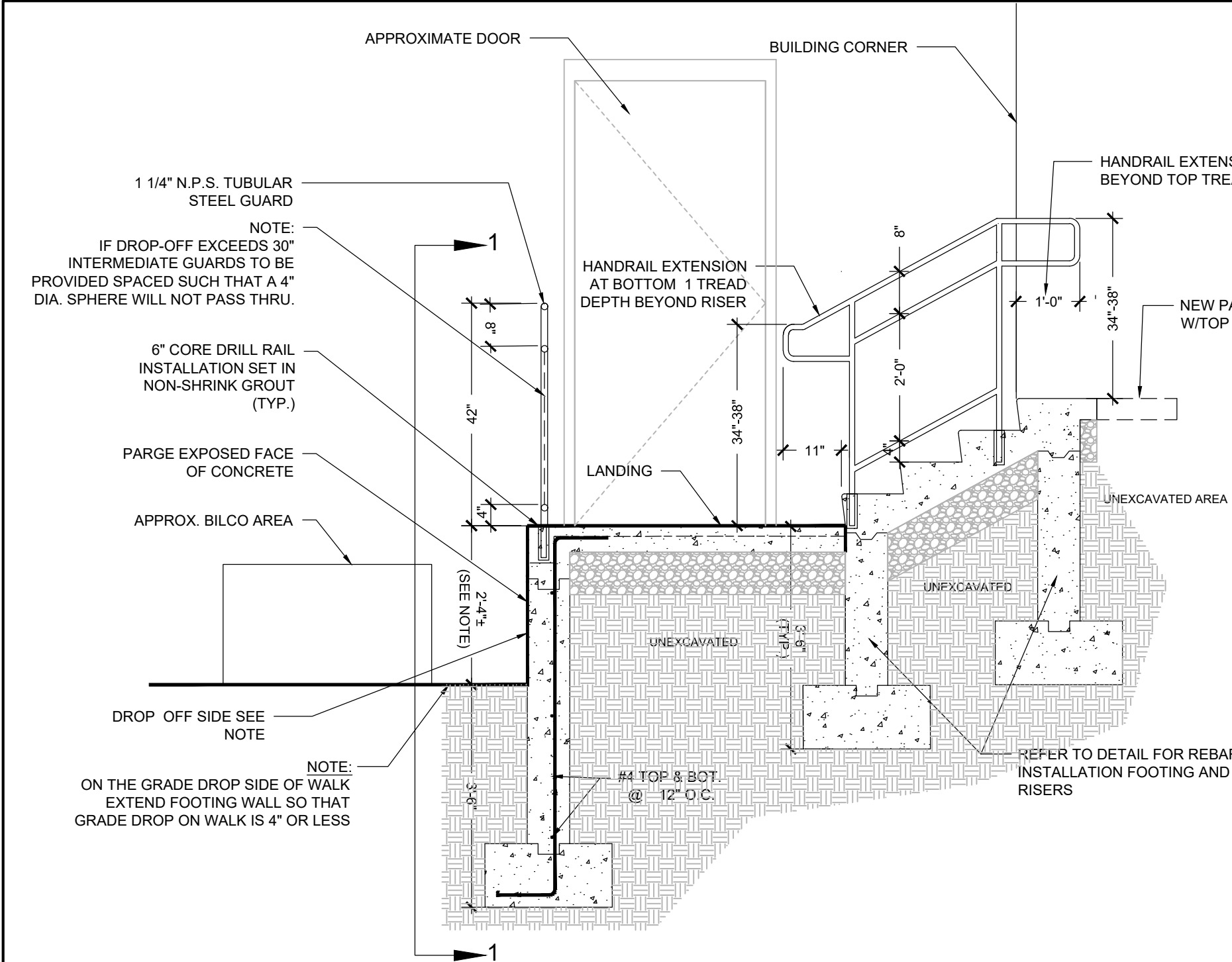
A circular professional engineer seal for the State of Connecticut. The outer ring contains the text "STATE OF CONNECTICUT" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the name "WILLIAM G. WALTER" is written in an arc. Below the name is a crest featuring a shield with a star and a banner. Underneath the crest, the year "2014" is printed. The license number "29148" is written in the center. The entire seal is signed with a blue ink signature across the middle.

Main Street, Windsor Locks, CT

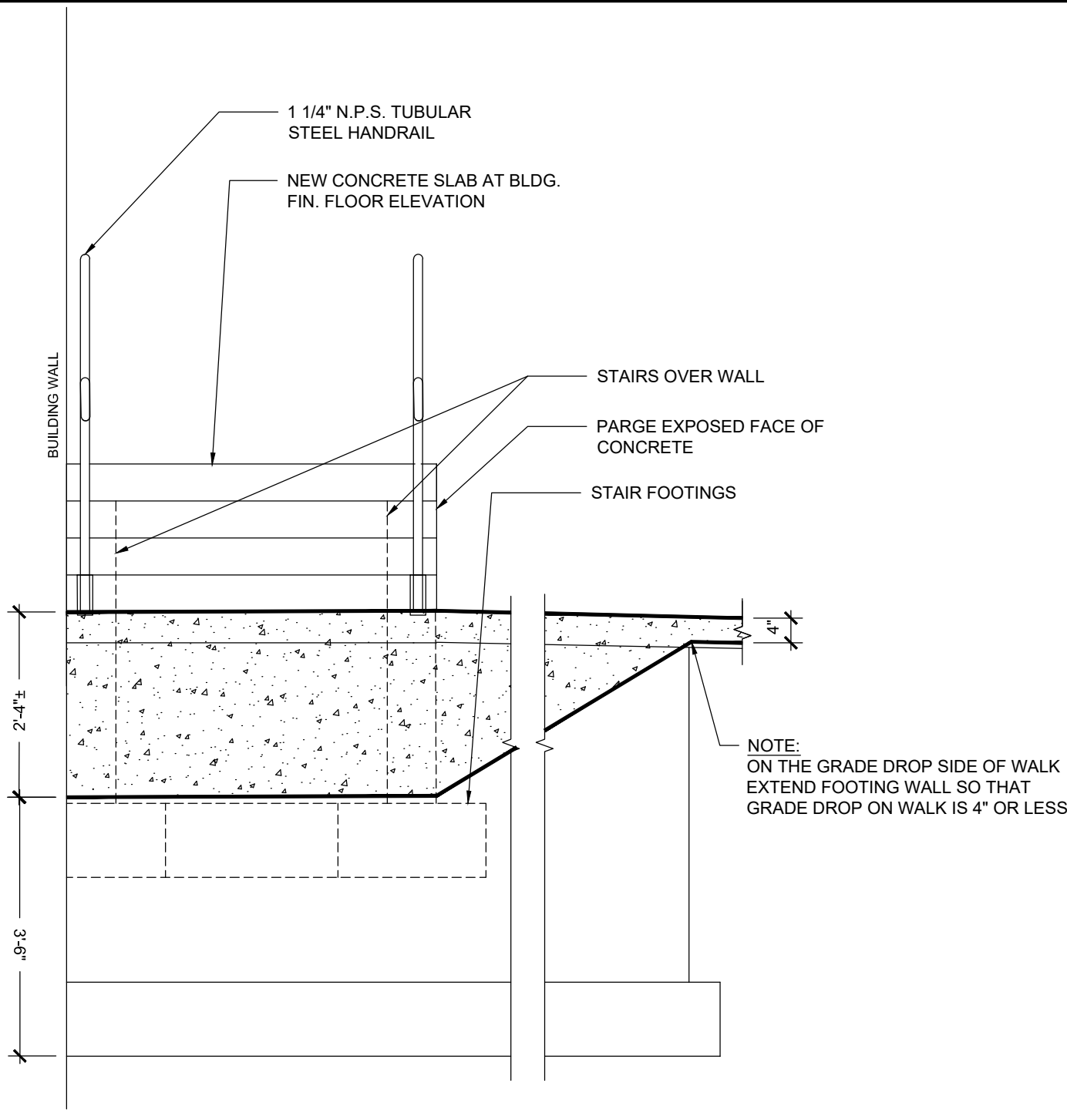
SITE DETAILS

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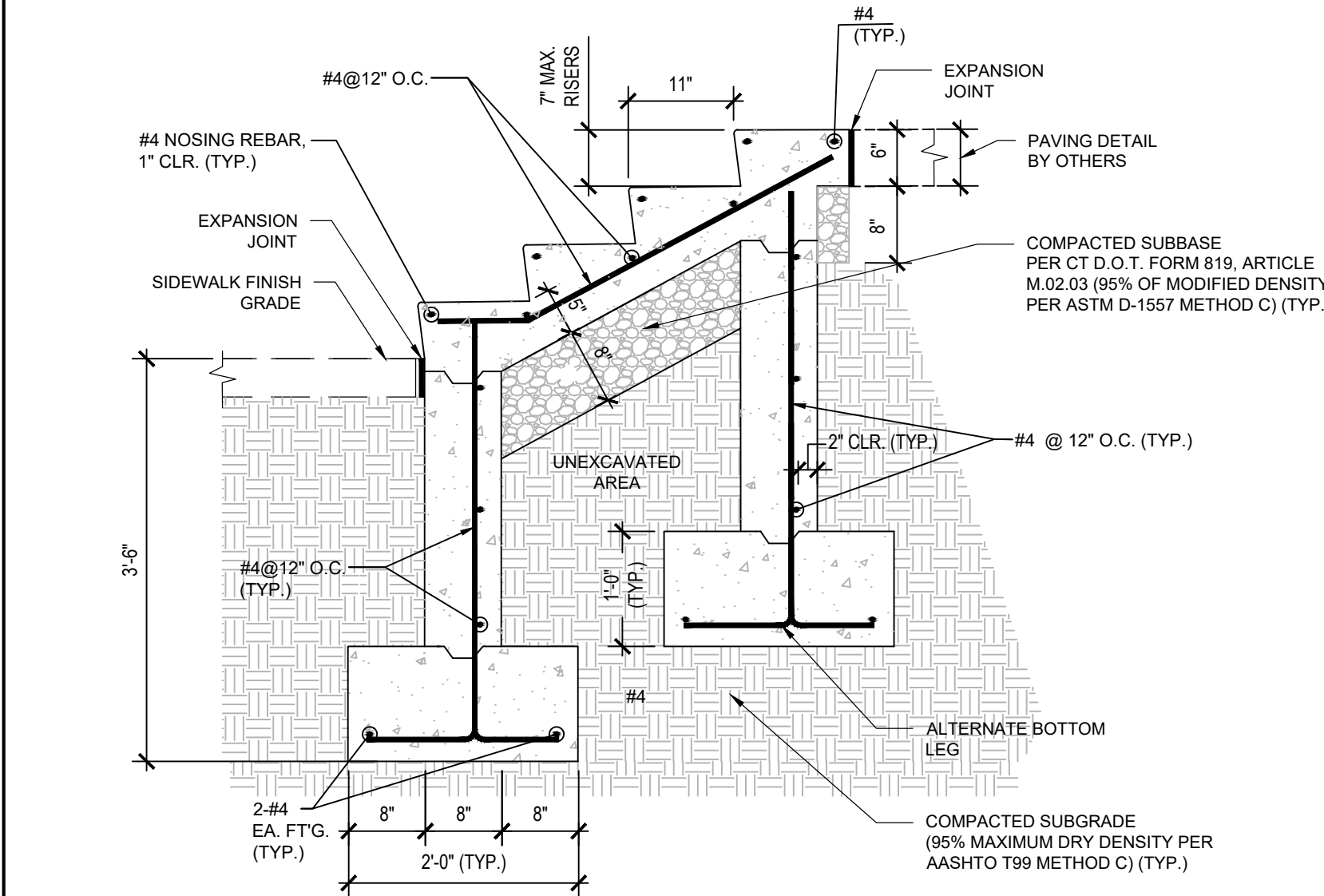


SECTION VIEW LANDING AND RISERS NORTH BLDG.
SCALE: NONE

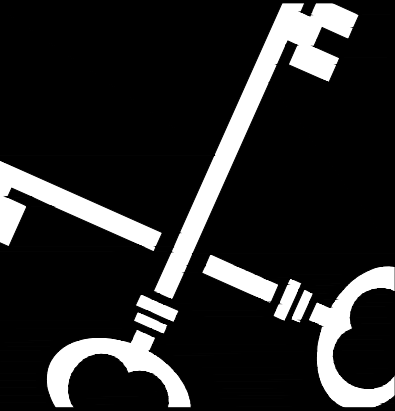
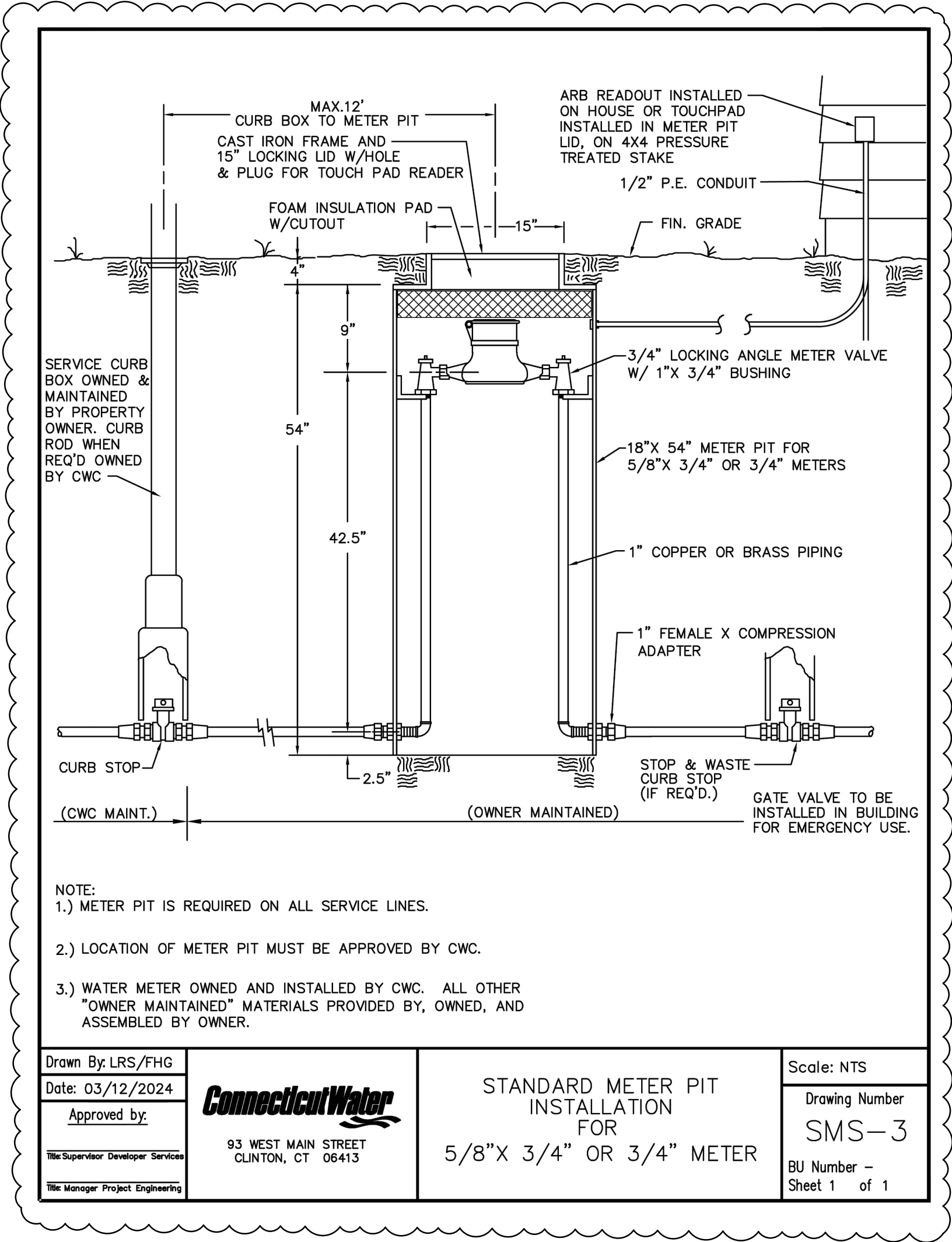


VIEW 1-1
SCALE: NONE

- GENERAL NOTES:**
- Design specifications: 2021 International Building Code (IBC) with 2022 CT STATE BUILDING CODE.
 - Cast -in-place concrete shall attain a minimum of 28 day-strength of 4400 psi. Provide 4% to 7% air entrained with type I/II Portland cement. Maximum aggregate size 3/4". Maximum slump shall be 4" (equivalent to CTDOT concrete sidewalk and ramps).
 - Reinforcement shall be ASTM designation A615, grade 60, deformed, galvanized or epoxy coated.
 - All concrete shall have 2" minimum cover, unless notes otherwise.
 - Assumed allowable bearing capacity of subgrade soil = 1 TSF.
 - Excavation shall be performed in accordance with the OSHA regulations.
 - Excavated area shall be back-filled with suitable material.
 - Subgrade below bottom footing shall be compacted properly.
 - Any unsuitable material shall be removed and replaced with controlled fill materials.
 - Finishing: the surface of the concrete shall be finished with a wood float or by other approved means to produce a skid free surface. All outside edges with a 1/4" radius tool.



TYPICAL REBAR INSTALLATION FOOTING AND RISERS
SCALE: NONE



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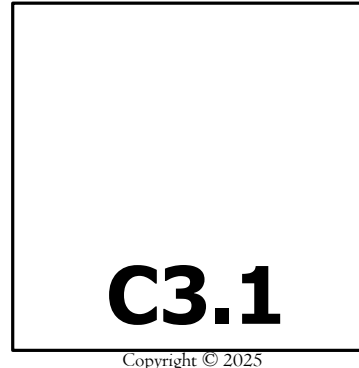


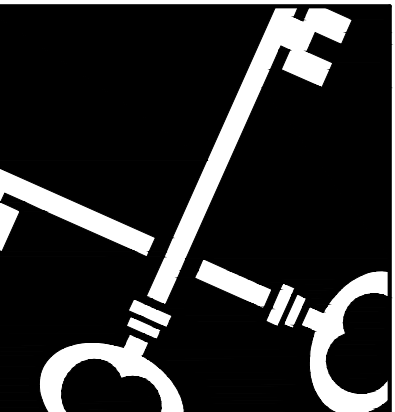
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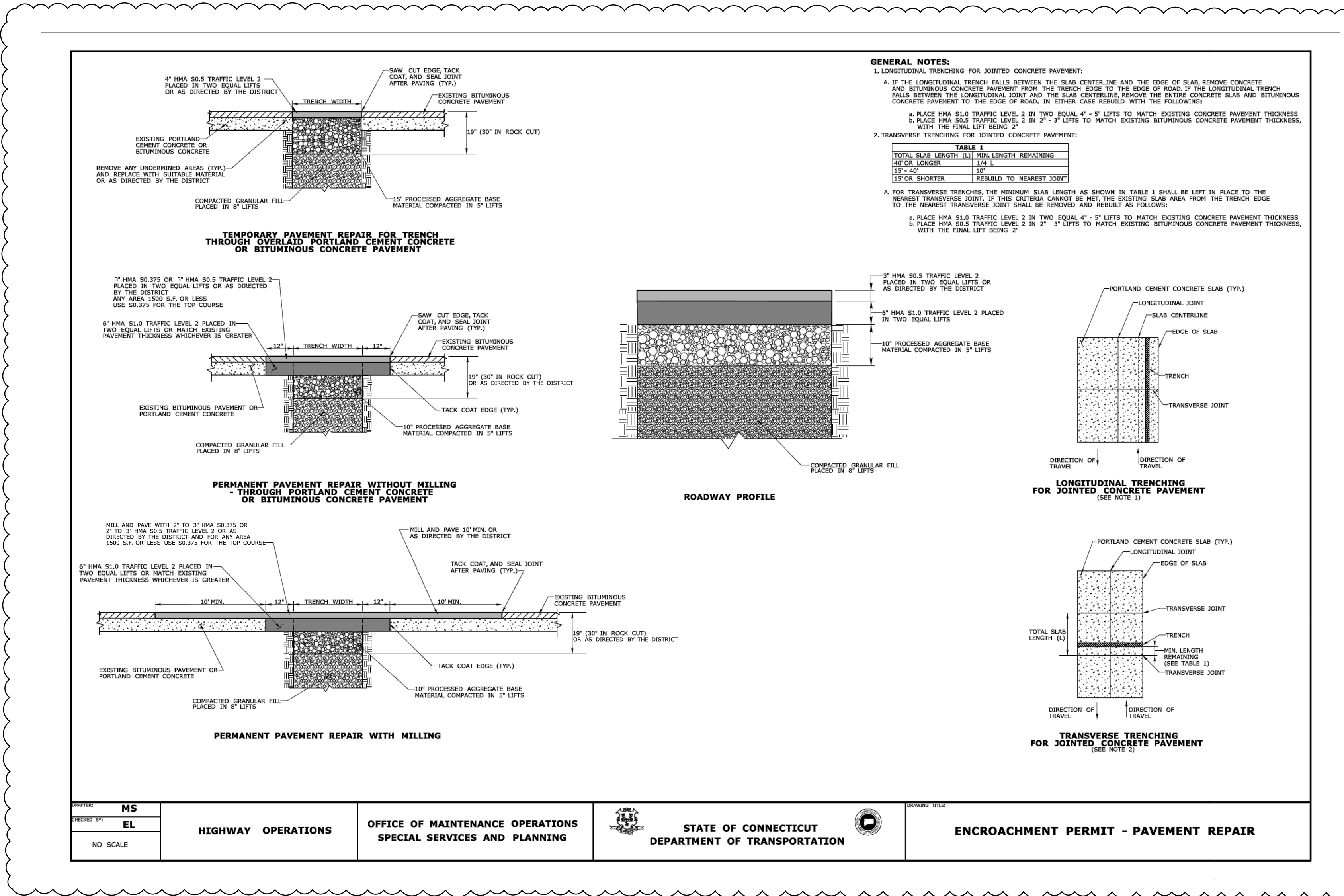


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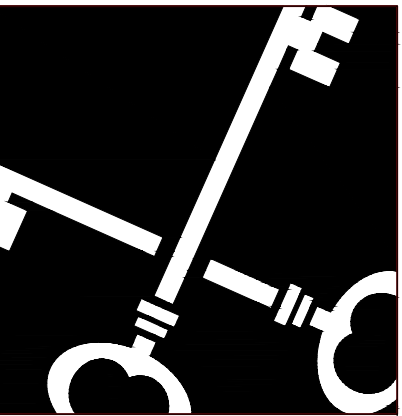


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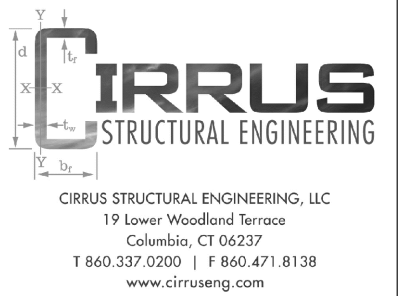
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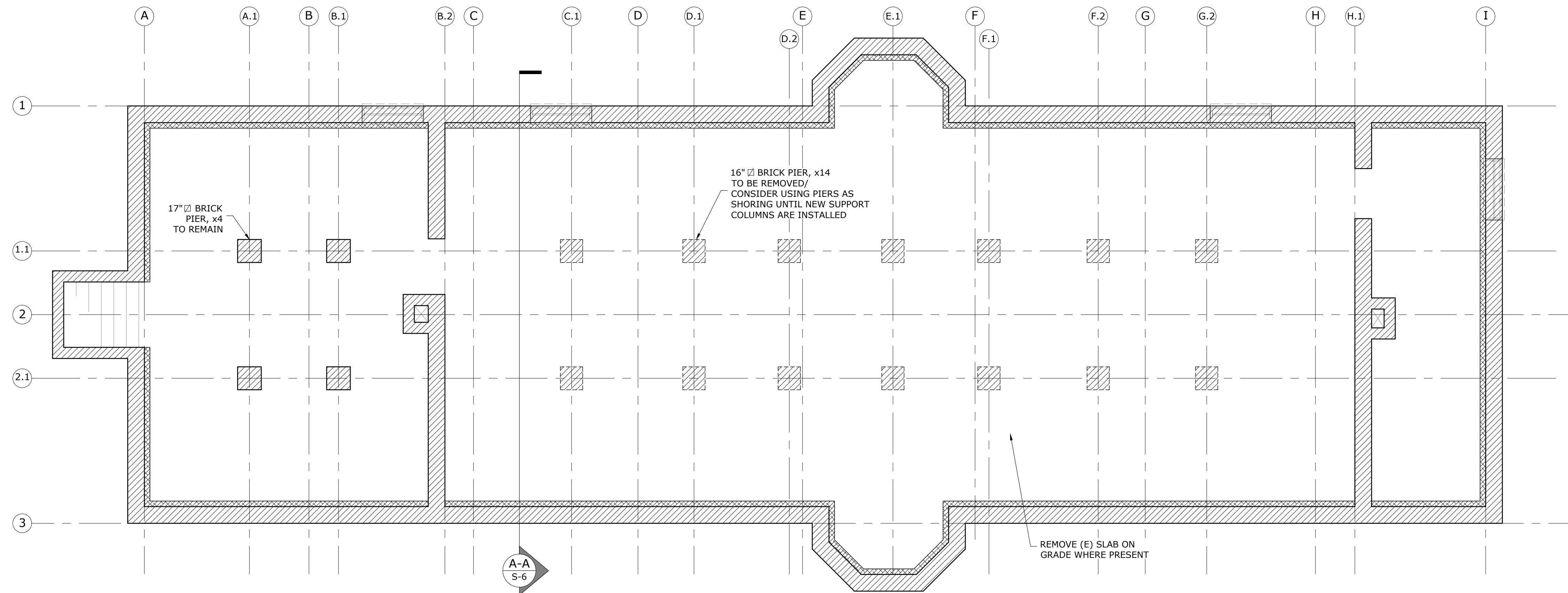
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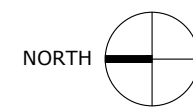
FOUNDATION
DEMOLITION
PLAN

DS-1

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FOUNDATION DEMOLITION PLAN
1/4" = 1'-0"

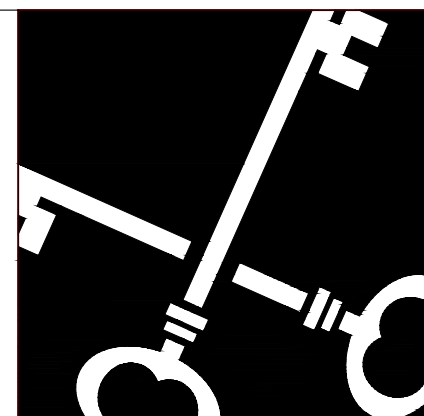


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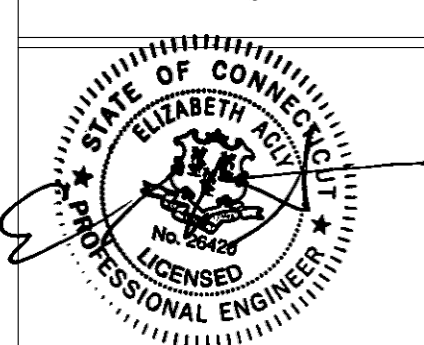
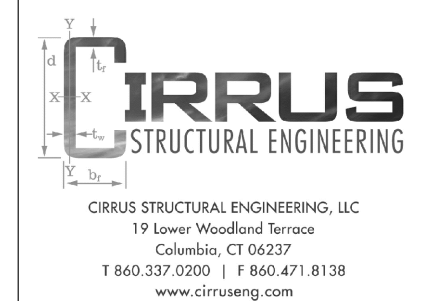
1. VERIFY ALL DIMENSIONS IN FIELD. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE ENGINEER.
2. DO NOT SCALE DRAWING.
3. REFER TO S-6 FOR GENERAL STRUCTURAL NOTES.
4. ONCE EXPOSED, VERIFY CONDITION OF (E) ELEMENTS DESIGNATED FOR REPLACEMENT. NOTIFY ENGINEER IF MEMBER APPEARS IN BETTER OR WORSE CONDITION THAN TREATMENT ON DRAWINGS SUGGEST.

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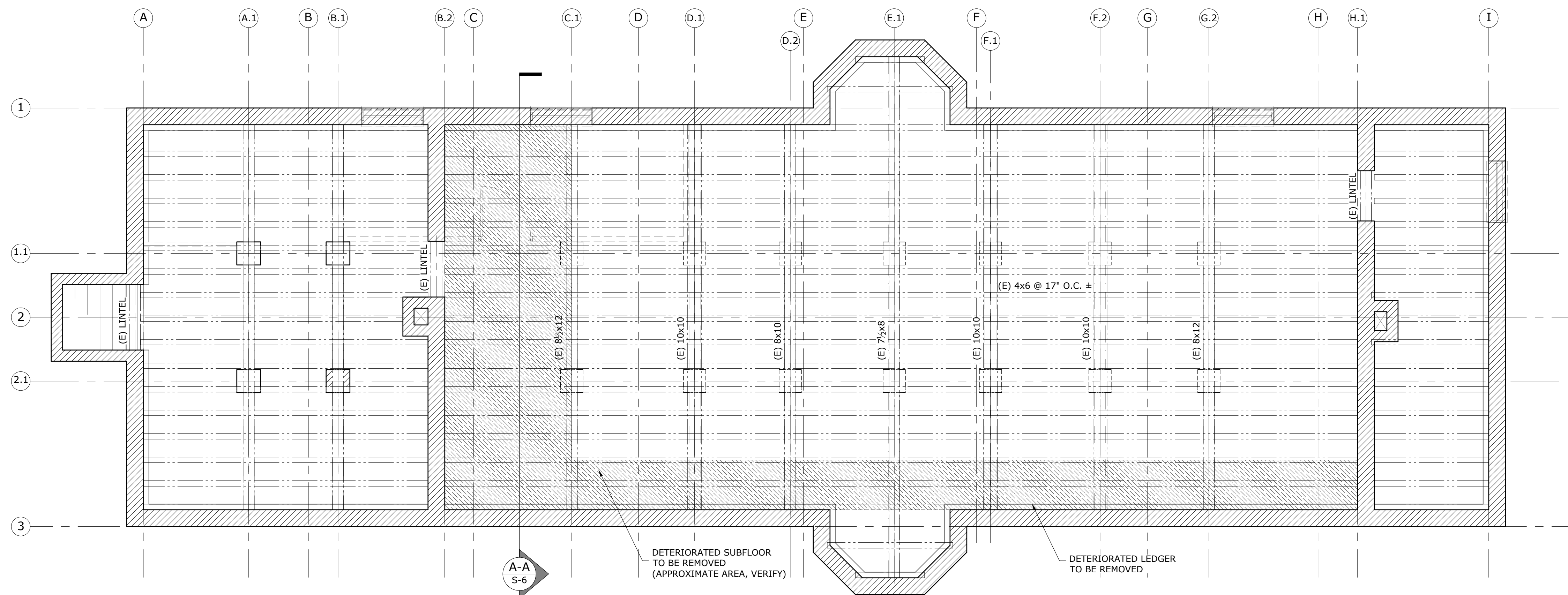
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FIRST FLOOR
DEMOLITION
FRAMING PLAN

DS-2

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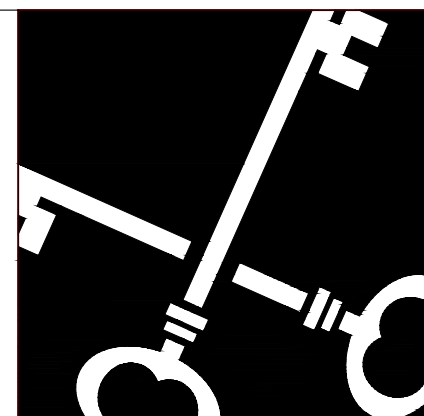
FIRST FLOOR DEMOLITION PLAN
1/4" = 1'-0"



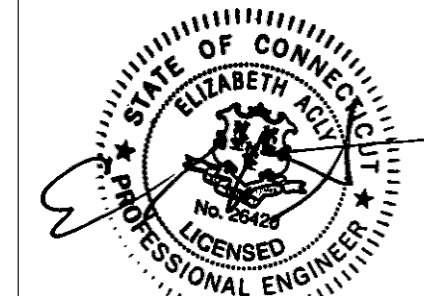
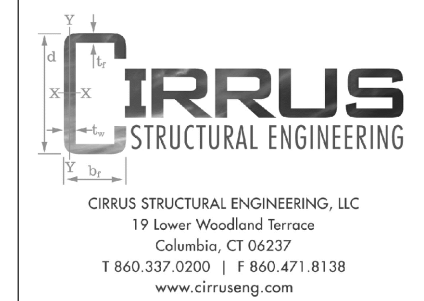
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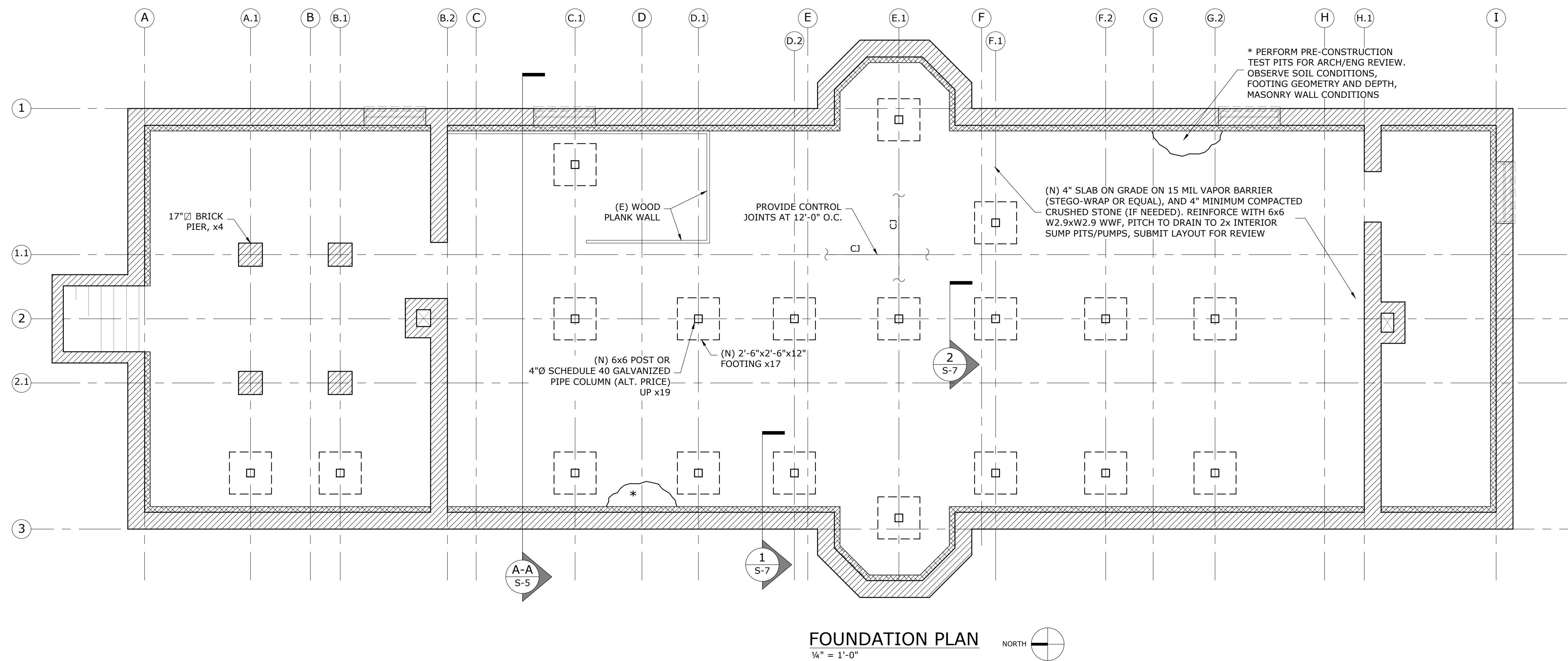
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PROPOSED
FOUNDATION
PLAN

S-1

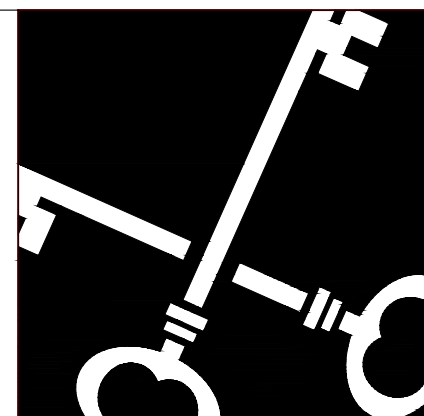
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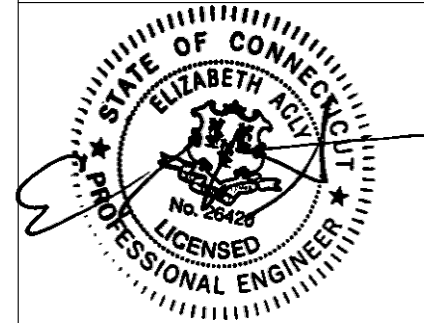
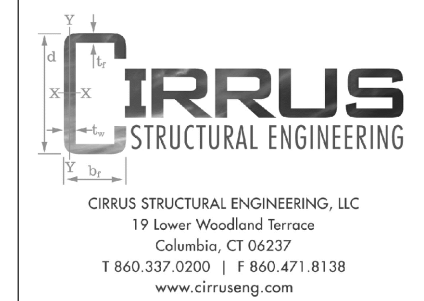
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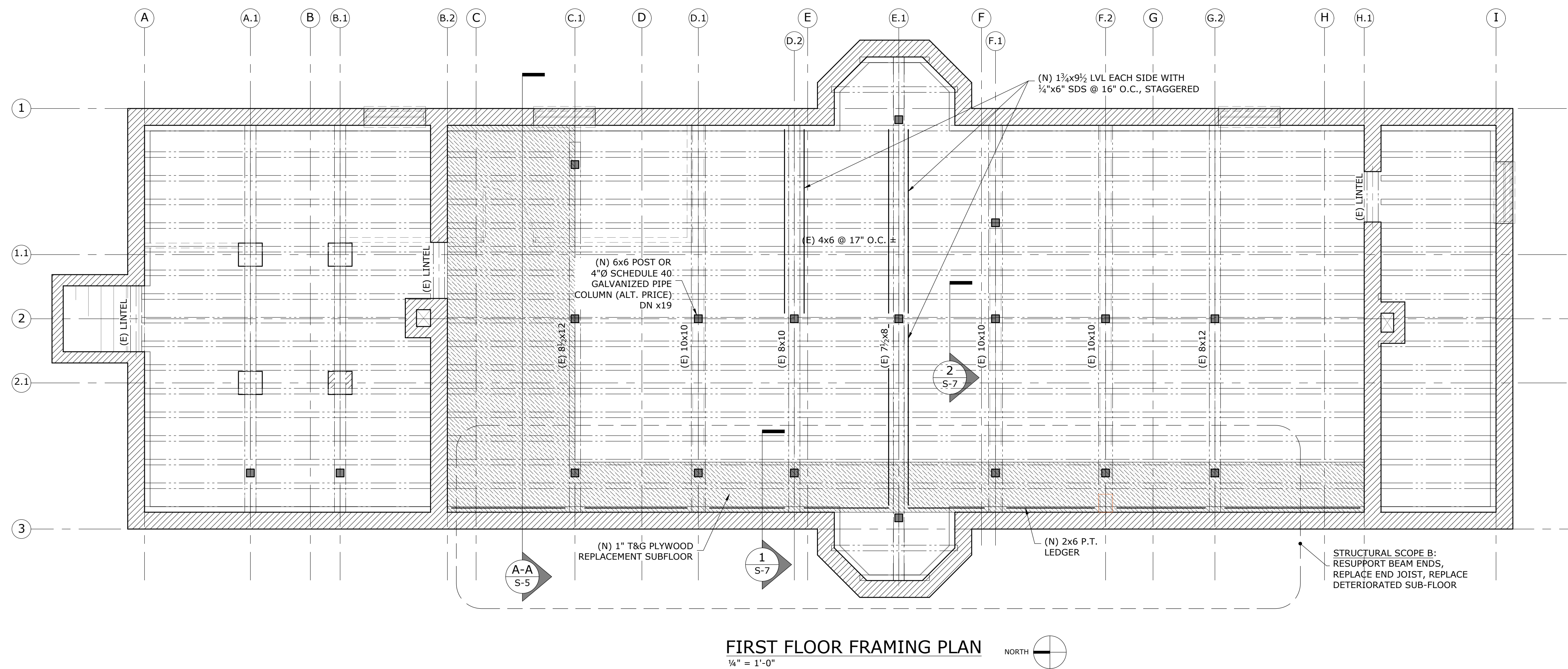
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FIRST FLOOR
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S-2

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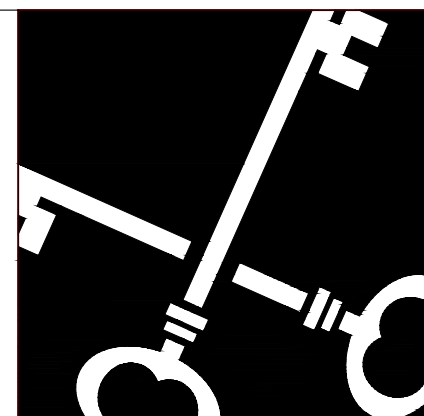
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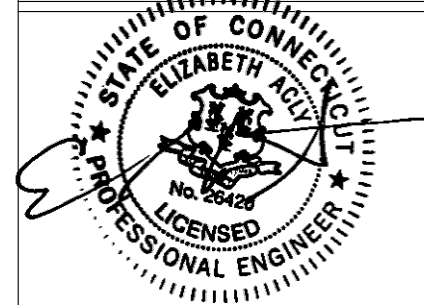
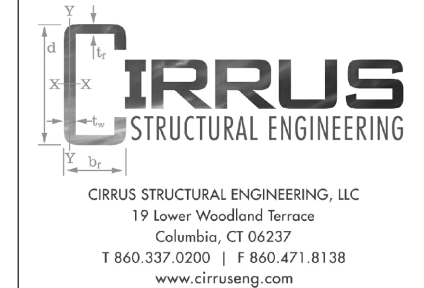
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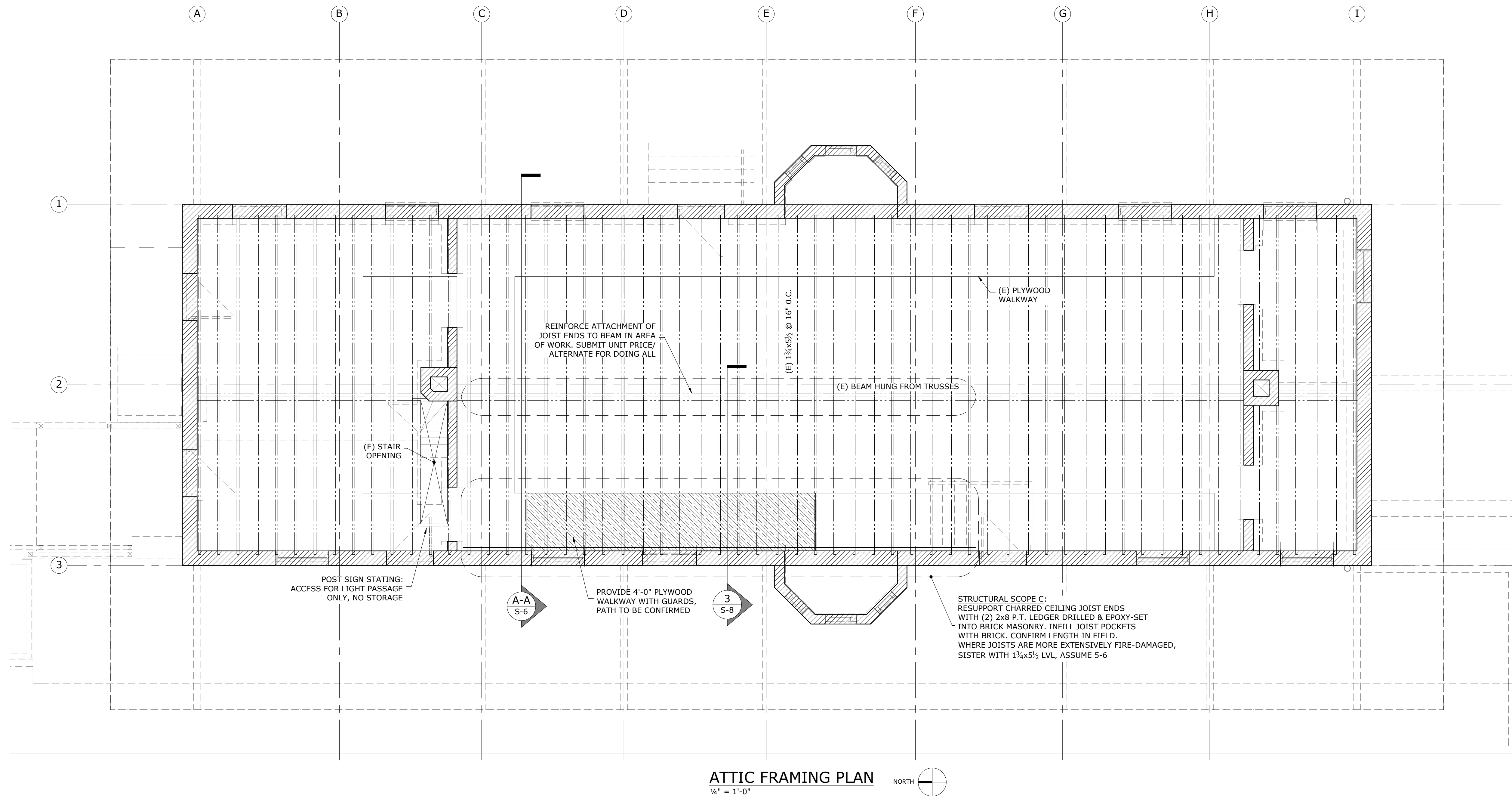
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FRAMING PLAN

S-3

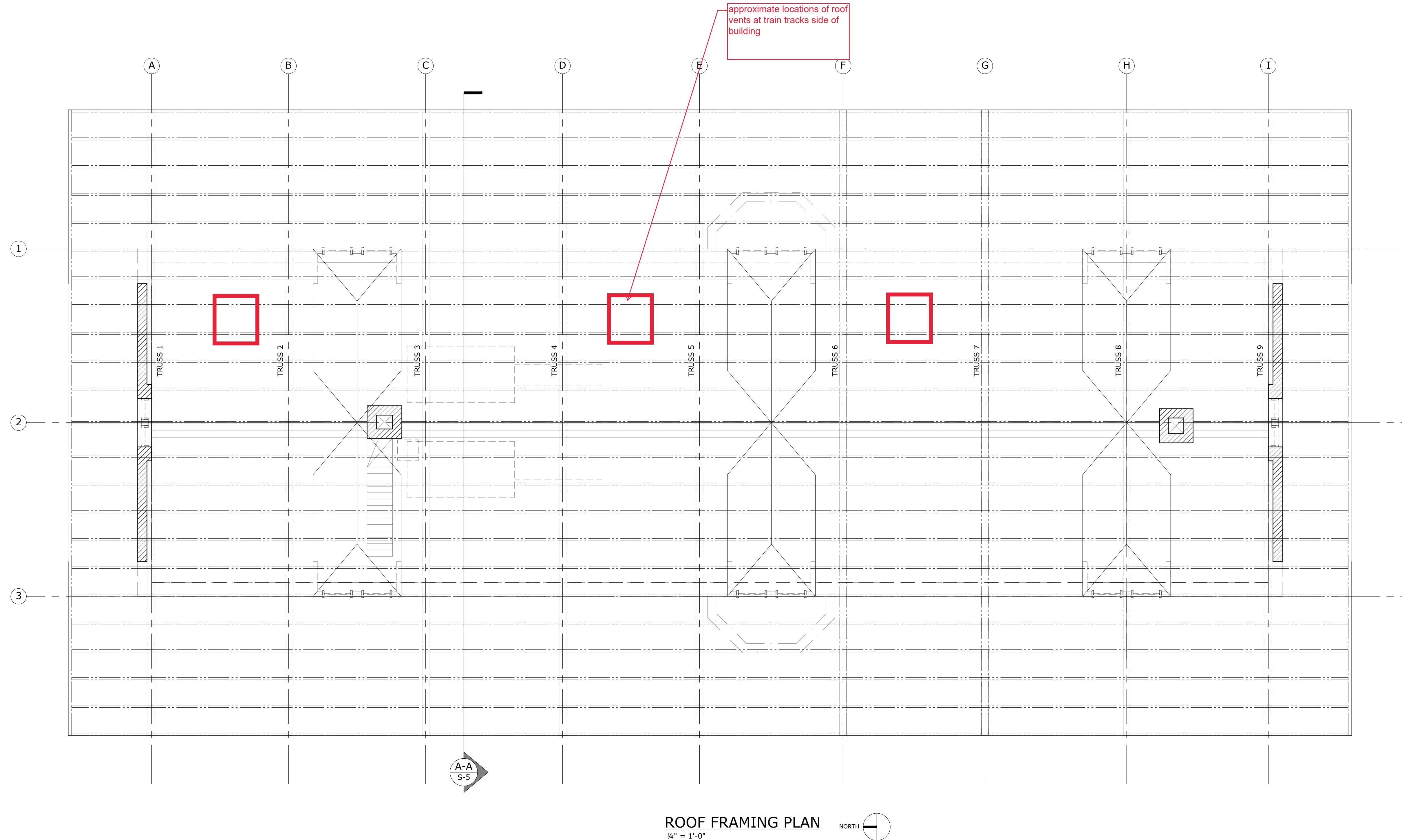
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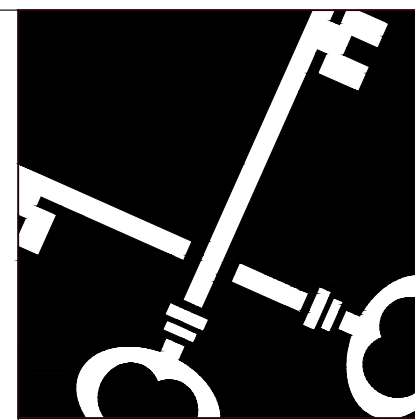
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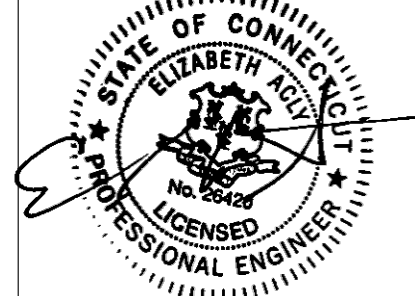
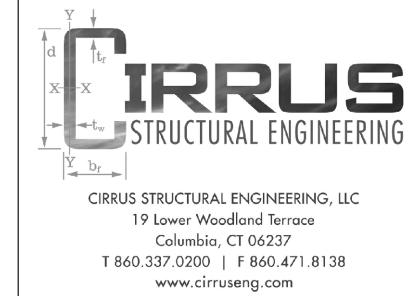
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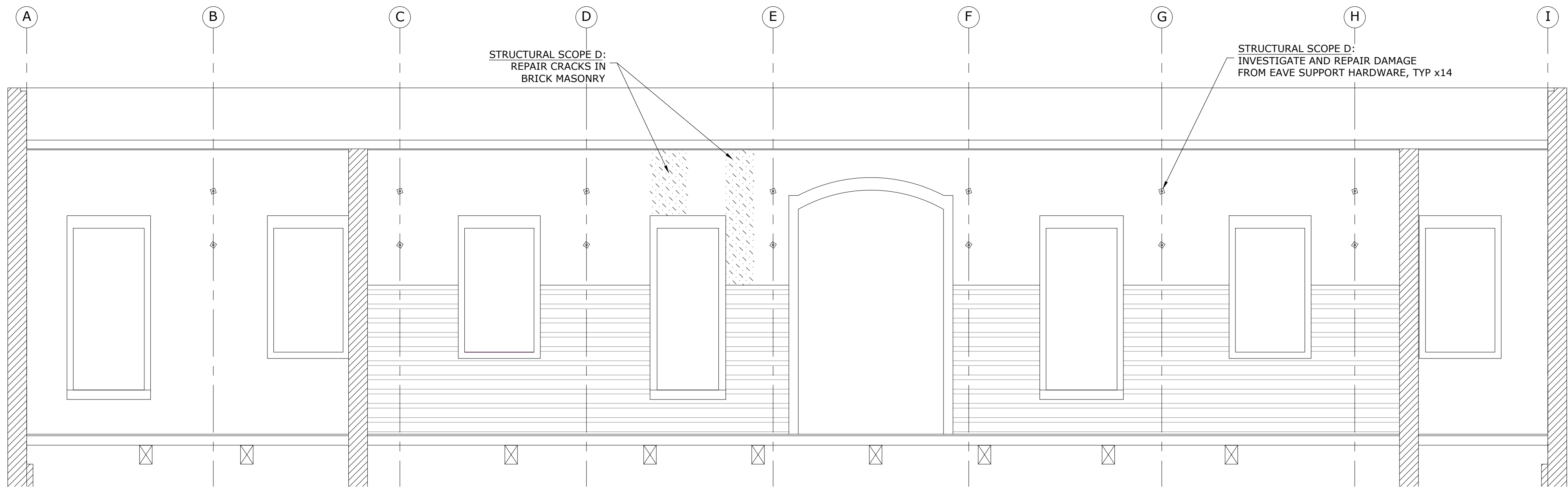


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ROOF FRAMING
PLAN

S-4

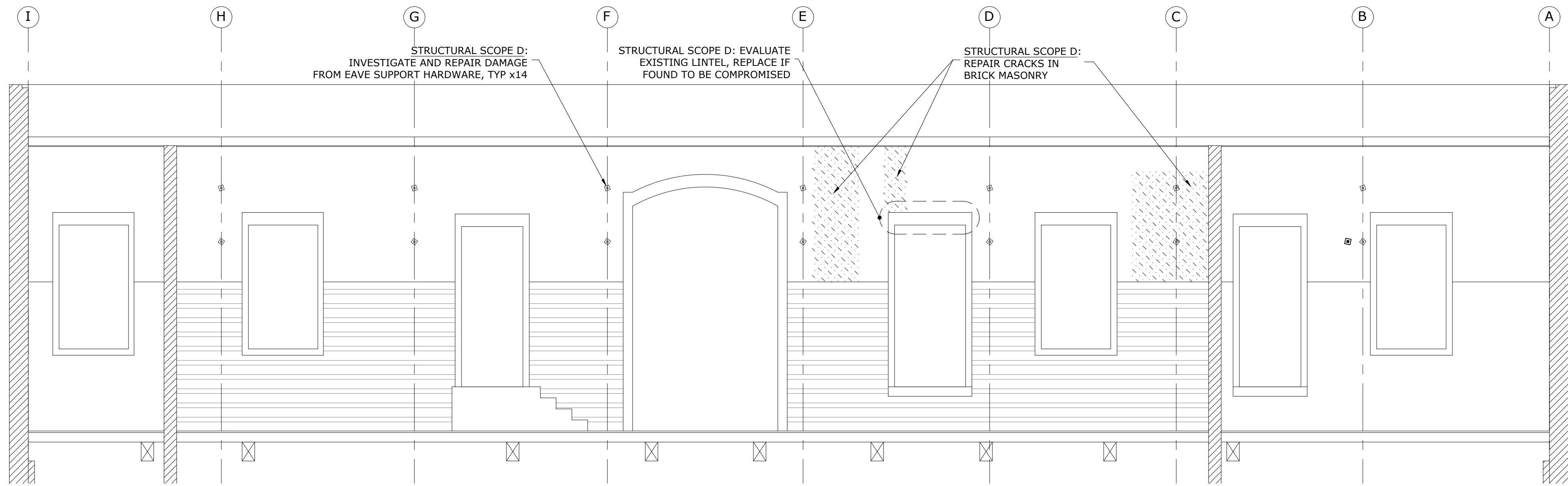


EAST INTERIOR ELEVATION
1/4" = 1'-0"

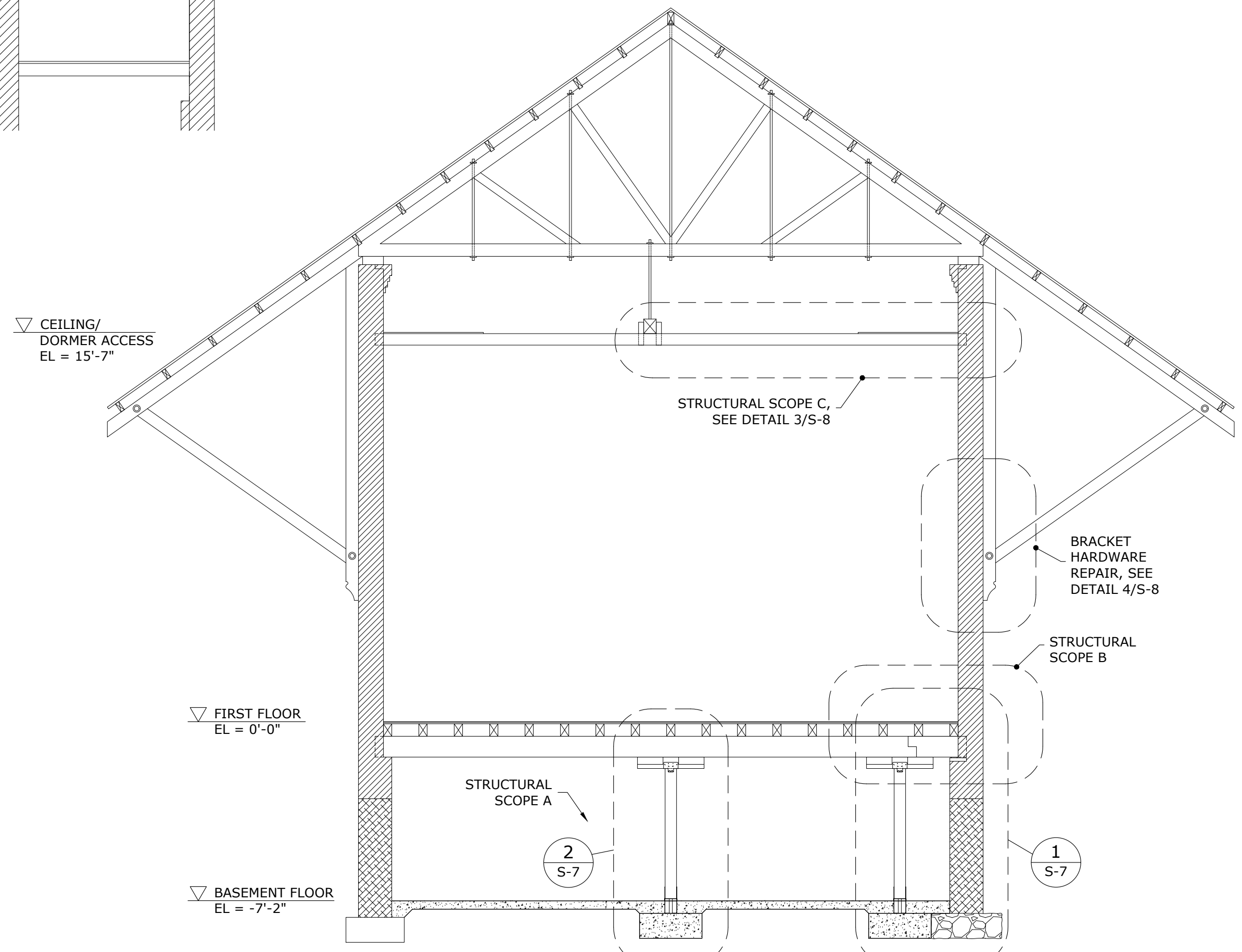
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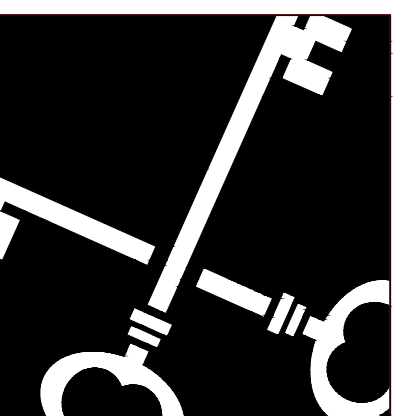


WEST INTERIOR ELEVATION
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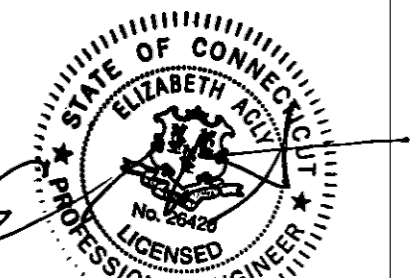
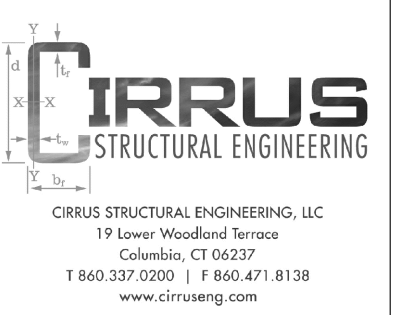


A-A BUILDING SECTION
S-6 1/4" = 1'-0"

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ELEVATIONS

S-5

STRUCTURAL GENERAL NOTES

GENERAL

1. ALL WORK SHALL COMPLY WITH THE FOLLOWING:

CONNECTICUT STATE BUILDING CODE.
AWS STRUCTURAL WELDING CODE
AISC SPECIFICATION FOR THE DESIGN, FABRICATION, ERECTION OF
STRUCTURAL STEEL FOR BUILDINGS.

2. ALL STRUCTURAL WORK SHALL BE COORDINATED BETWEEN ALL RELATED
TRADES.

3. ALL DETAILS SHALL BE CONSIDERED TYPICAL AND APPLICABLE TO ALL
SIMILAR CONDITIONS UNLESS OTHERWISE NOTED OR INDICATED.

4. THE CONTRACTOR SHALL COORDINATE INSPECTIONS OF STRUCTURE TO
MEET THE REQUIREMENTS OF THE CONNECTICUT STATE BUILDING CODE AND
REFERENCED STANDARDS. THE CONTRACTOR SHALL NOT PROCEED WITH ANY
WORK THAT OTHERWISE CONCEALS ITEMS SCHEDULED FOR INSPECTION UNTIL
INSPECTION HAS BEEN COMPLETED.

5. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING THE SAFETY
AND STABILITY OF THE STRUCTURE, ITS OCCUPANTS, AND ALL ADJACENT
STRUCTURES DURING ALL PHASES OF THE WORK, AND SHALL CORRECT ANY
DEFECTS OR DAMAGE WHICH RESULTS FROM HIS ACTIONS.

6. SEE ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS AND
SPECIFICATIONS FOR DIMENSIONS AND DETAILS REQUIRED AS STRUCTURAL
WORK BUT WHICH ARE NOT SHOWN ON STRUCTURAL DRAWINGS.

7. SEE SPECIFICATIONS GOVERNING DETAILING, FABRICATION, ERECTION AND
INSTALLATION OF ALL STRUCTURAL STEEL, CONCRETE AND WOOD FRAMED
CONSTRUCTION.

DESIGN LOADS

THE FOLLOWING LOADS ARE CONSIDERED:

DEAD LOADS
WEIGHT OF BUILDING COMPONENTS

LIVE LOADS:
GROUND LEVEL = 100 PSF

ROOF LIVE LOAD: 20 PSF
AREA UNDER ROOF-LIGHT PASSAGE, NO STORAGE: 10 PSF

FOUNDATIONS

1. FOOTINGS SHALL BEAR ON COMPACTED STRUCTURAL BACKFILL. FOUNDATION
SIZES ARE BASED ON AN ASSUMED 2000 PSF BEARING CAPACITY.

2. ALL STRUCTURAL FILL WITHIN THE BUILDING LIMITS SHALL BE PLACED IN
MAXIMUM 9 INCH THICK LIFTS AND SHALL BE COMPACTED TO 95 PERCENT OF
ITS MAXIMUM DRY DENSITY DETERMINED IN ACCORDANCE WITH ASTM D1557.
STRUCTURAL FILL SHALL MEET THE FOLLOWING GRADATION REQUIREMENTS:

SIEVE SIZE	PERCENT PASSING BY WEIGHT
3 INCH	100
1/2 INCH	50-100
NO. 4	35-90
NO. 16	20-70
NO. 50	5-45
NO. 200	0-8

3. MAKE NO EXCAVATIONS TO THE FULL DEPTH INDICATED WHEN FREEZING
TEMPERATURE MAY BE EXPECTED, UNLESS THE FOUNDATIONS OR SLABS CAN BE
PLACED IMMEDIATELY AFTER THE EXCAVATION HAS BEEN COMPLETED. PROTECT
THE BOTTOM SO EXCAVATED FROM FROST IF PLACING OF CONCRETE IS
DELAYED. SHOULD PROTECTION FAIL, REMOVE FROZEN MATERIALS AND
REPLACE WITH CONCRETE OR GRAVEL FILL, AS DIRECTED, AT NO COST TO
OWNER.

4. FOOTINGS SHALL BE PROTECTED AGAINST FROST UNTIL PROJECT IS
COMPLETED.

5. UNLESS OTHERWISE NOTED, FOOTINGS SHALL BE CENTERED UNDER
SUPPORTED MEMBERS.

REINFORCED CONCRETE

1. ALL CONCRETE IS DESIGNED BY ULTIMATE STRENGTH METHODS PER ACI 318
AND SHALL BE NORMAL WEIGHT (UNLESS INDICATED AS LIGHT WEIGHT ON
PLANS) AIR ENTRAINED WITH 28 DAY COMPRESSIVE STRENGTH AS FOLLOWS:

FOUNDATION WALLS AND SLABS ON GRADE 4000 PSI
615-GRADE 60 U.N.O.

3. DETAIL ALL BARS IN ACCORDANCE WITH "ACI DETAILING MANUAL - 1988".
SHOW ON THE PLACING DRAWINGS THE NUMBER AND LOCATION OF ALL BAR
SUPPORTS AND ACCESSORIES NECESSARY TO SUPPORT REINFORCEMENT IN
POSITIONS INDICATED.

4. MINIMUM CONCRETE PROTECTION FOR REINFORCEMENT WHEN NOT
OTHERWISE INDICATED SHALL BE:

CONCRETE POURED AGAINST EARTH	3"
CONCRETE POURED IN FORMS BUT EXPOSED TO EARTH OR WEATHER:	
BARS #5 AND SMALLER	1-1/2"
BARS LARGER THAN #5	2"

5. NO SPLICES OF REINFORCEMENT SHALL BE MADE EXCEPT AS DETAILED OR
APPROVED BY THE STRUCTURAL ENGINEER. REBAR DEVELOPMENT/SPLICE
LENGTH SHALL BE AS SHOWN ON TYPICAL DETAIL ON S2.1. MAKE ALL BARS
CONTINUOUS AROUND CORNERS.

6. WIRE MESH REINFORCEMENT MUST LAP ONE FULL MESH AT SIDE AND END
LAPS, AND SHALL BE WIRED TOGETHER. PROVIDE ADEQUATE SUPPORTS FOR
MESH TO INSURE ITS LOCATION AS SHOWN ON DRAWINGS.

7. CONCRETE TO BE EXPOSED TO THE WEATHER IN THE FINISHED PROJECT
SHALL BE AIR-ENTRAINED. SEE SPECIFICATIONS.

8. SIZE OF CONCRETE PLACEMENTS AND POURING INTERVALS SHALL, UNLESS
SHOWN ON THE DRAWINGS, BE AS FOLLOWS:

(A) SLABS ON GRADE 30 FT MAXIMUM PANEL DIMENSION. 3 DAYS
MINIMUM BETWEEN ADJACENT POURS.
(B) WALLS BELOW GRADE 40 FT MAXIMUM PANEL LENGTH UNLESS
CONTROL JOINTS OCCUR AT NOT OVER 40' O.C. 5 DAYS MINIMUM BETWEEN
ADJACENT POURS.

9. CONCRETE SHALL BE PLACED WITHOUT HORIZONTAL CONSTRUCTION JOINTS
EXCEPT WHERE SHOWN OR NOTED. VERTICAL CONSTRUCTION JOINTS AND
STOPS IN CONCRETE WORK SHALL BE MADE AT MID-SPAN OR AT POINTS OF
MINIMUM SHEAR.

10. SLAB-ON-GRADE SHALL BE PLACED IN ALTERNATE PANELS NOT EXCEEDING
1200 SQUARE FEET.

11. AGGREGATE SIZE SHALL NOT EXCEED ONE THIRD THE DEPTH OF SLABS, ONE
FIFTH THE WIDTH BETWEEN FORMS, THREE QUARTERS THE CLEAR DISTANCE
BETWEEN REINFORCING BARS OR 1-½ INCHES. PROVIDE SMALLER SIZE WHERE
NECESSARY.

TEMPORARY SHORING AND BRACING

1. PROVIDE AND INSTALL TEMPORARY SHORING DESIGNED TO SUPPORT THE
TEMPORARY STRUCTURAL LOADS OF THE SUPPORTED ITEMS. SUBMIT SHORING
PRODUCTS, CONFIGURATION AND PROCEDURE TO THE ENGINEER FOR RECORD
AND REVIEW.

2. SHORING SHALL BE OF ANY MATERIAL WHICH IS SUITABLE FOR THE
APPLICATION. TIMBER SHORING SHALL BE FULLY DRIED AND ALL END GRAIN
SHALL BE SEALED TO PREVENT FLUCTUATIONS IN MOISTURE CONTENT.
SHORING SHALL BE MADE STABLE, STIFF, AND SNUG FITTING SO AS NOT TO
DEFLECT UNDER LOAD. PRE-LOAD SUPPORTED ELEMENTS FOR SNUG FIT ONLY.
SHORING SHALL ALLOW DEFLECTION OF NO MORE THAN THE GIVEN SPAN
LENGTH DIVIDED BY 600 OR APPROPRIATE FOR THE MATERIAL.

3. BEARING SURFACES OF SHORING SHALL BE REVIEWED WITH ENGINEER AND
SHALL PROVIDE FOR PROPER TRANSFER OF LOADS TO SUPPORTING AND
SUPPORTED ELEMENTS.

SELECTIVE DEMOLITION

1. SCHEDULE A PRE-DEMOLITION CONFERENCE AND SUBMIT A PRE-DEMOLITION
PLAN PRIOR TO SELECTIVE DEMOLITION.

2. SUBMIT A REPORT, INCLUDING DRAWINGS, THAT INDICATES THE MEASURES
PROPOSED FOR PROTECTING INDIVIDUALS AND PROPERTY FOR ENVIRONMENTAL
PROTECTION, DUST CONTROL, AND NOISE CONTROL.

CARPENTRY

1. LUMBER SHALL FOLLOW DOC PS 20 AND APPLICABLE RULES OF GRADING
AGENCIES. GRADE STAMP MAY BE OMITTED FOR EXPOSED LUMBER INDICATED
TO RECEIVE A STAINED OR NATURAL FINISH. PROVIDE CERTIFICATES OF GRADE
COMPLIANCE ISSUED BY GRADING AGENCY OR SCHEDULE FOR VISUAL TIMBER
GRADING BY APPROVED QUALIFIED PROFESSIONAL. MAXIMUM MOISTURE
CONTENT OF 19 PERCENT.

2. DIMENSIONAL LUMBER JOISTS, BEAMS AND WOOD BLOCKING SHALL BE SPF
#2 OR SYP #2 OR BETTER, OR APPROVED EQUAL (FB/MIN = 1000 PSI) UNLESS
INDICATED OTHERWISE.

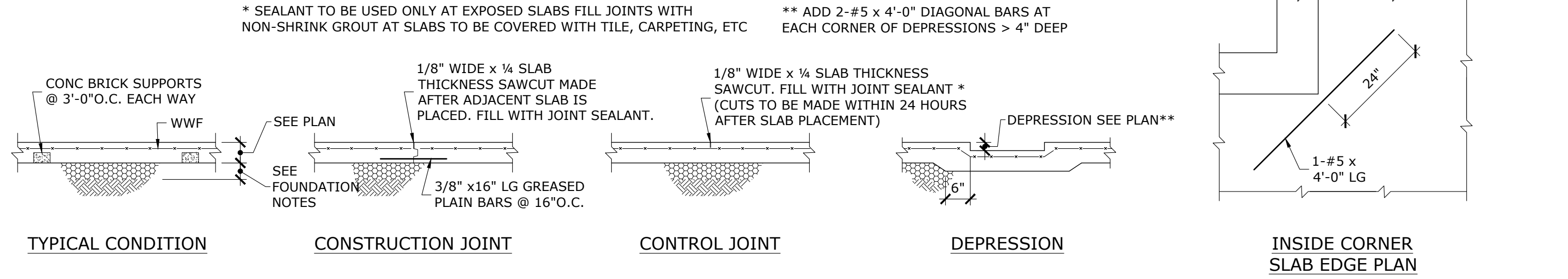
3. ENGINEERED LUMBER SHALL BE MICROLAM LVL OR APPROVED EQUAL.

4. ALL WOOD CONTACT WITH CONCRETE OR MASONRY TO BE PRESSURE
TREATED. PROVIDE PRESSURE TREATED LUMBER OR PLYWOOD TO INSULATE
FROM DIRECT CONTACT.

5. PRESSURE TREATED LUMBER (PT) SHALL BE SOUTHERN YELLOW PINE #1 OR
BETTER. COMPLY WITH AWP4 M4 FOR APPLYING FIELD TREATMENT TO CUT
SURFACES OF PT LUMBER.

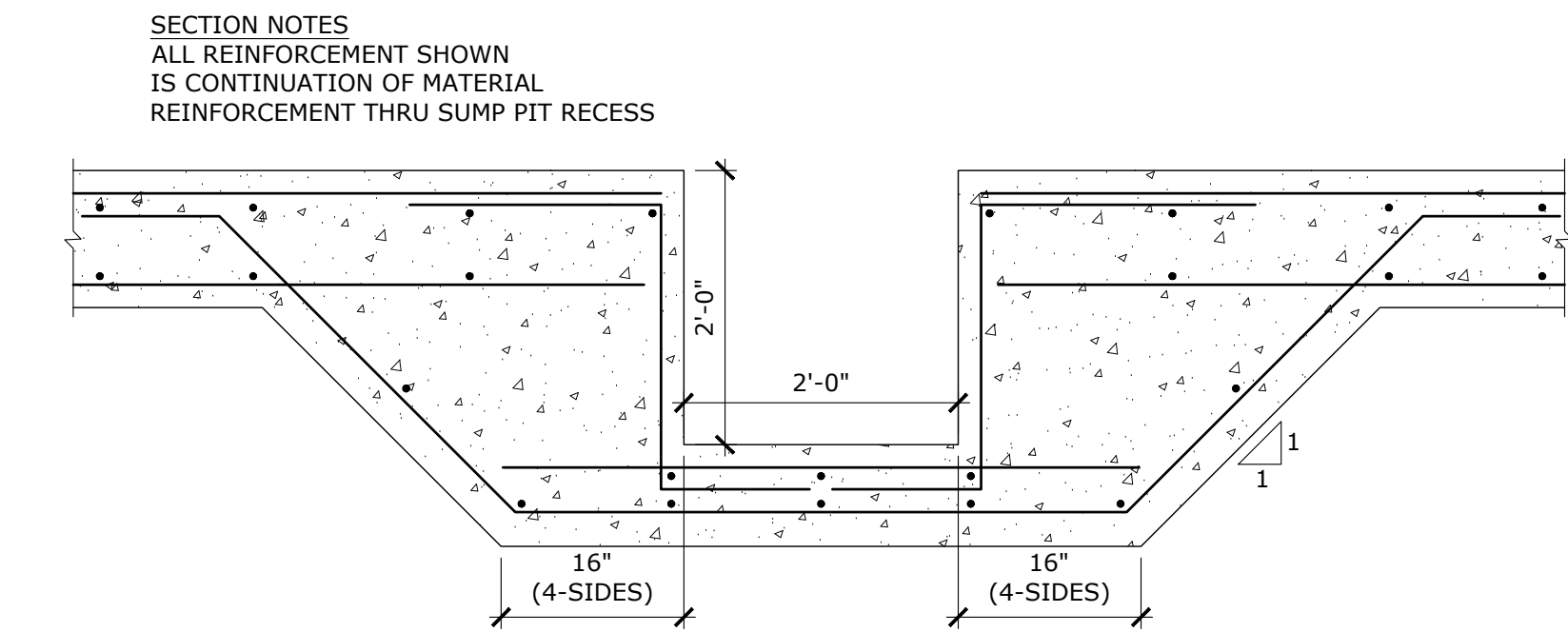
6. PROVIDE STANDARD ATTACHMENT HARDWARE CONSISTING OF NAILS, BOLTS,
SCREWS AND STANDARD FITTINGS AS NOTED ON THE DRAWINGS AND AS
REQUIRED. HARDWARE FOR ROUGH CARPENTRY SHALL BE AS FOLLOWS:

- A. BOLTS AND NUTS: AISI / ASME STANDARD B18.2.1
- B. STEEL WASHER PLATES: SAME AS ABOVE OR ASTM A36 FOR CUSTOM SIZES.



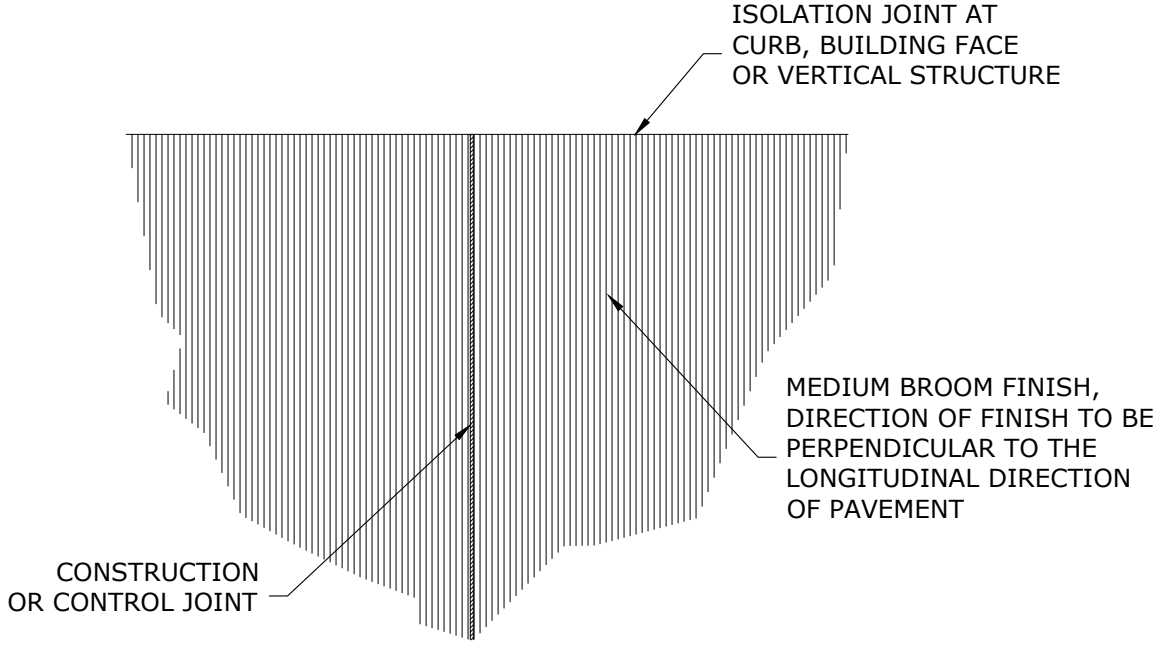
TYPICAL CONCRETE SLAB-ON-GRADE DETAILS

½" = 1'-0"



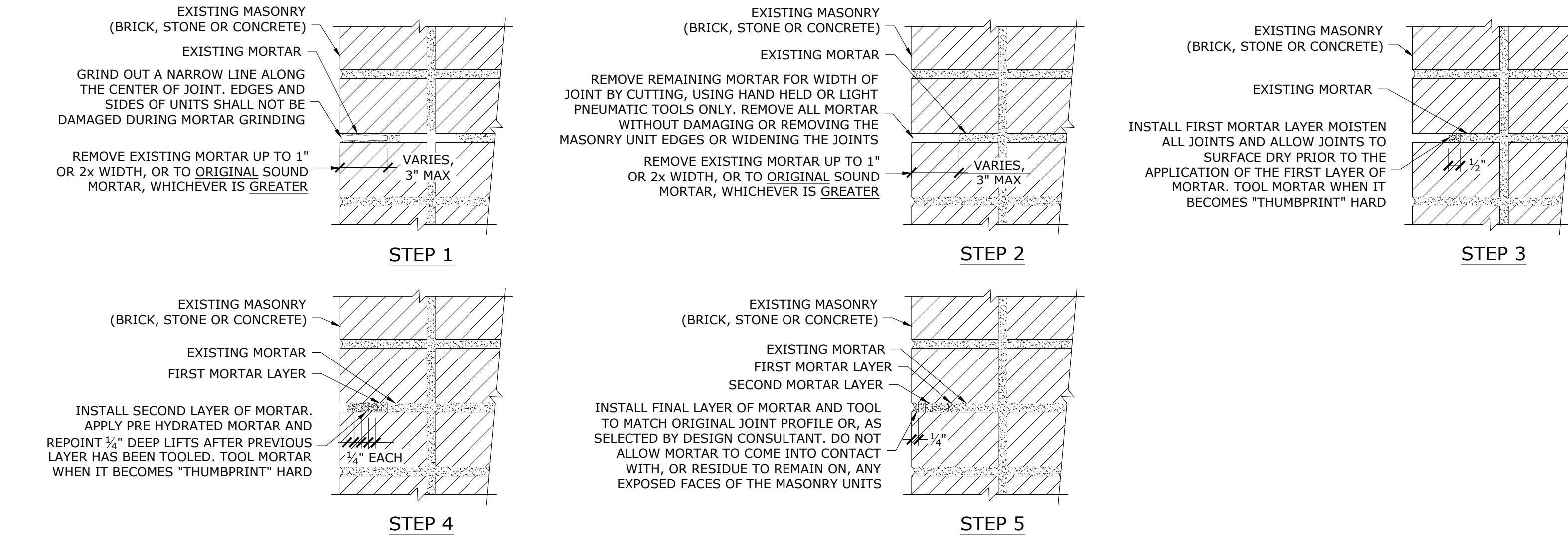
SECTION THROUGH SUMP PIT RECESS

¾" = 1'-0"



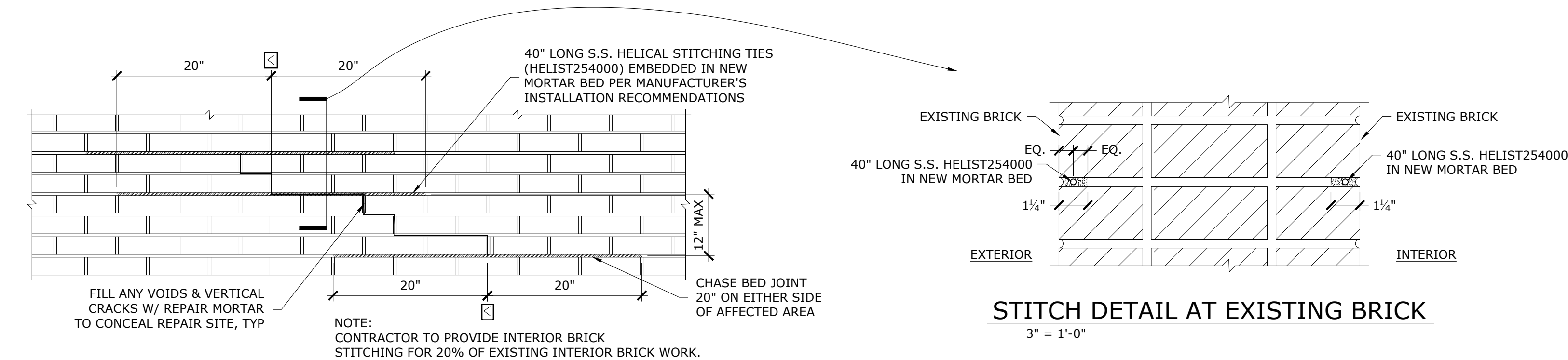
SLAB FINISH DETAIL (PLAN VIEW)

1½" = 1'-0"



TYPICAL MASONRY REPOINTING PROCEDURE - SECTION DETAILS

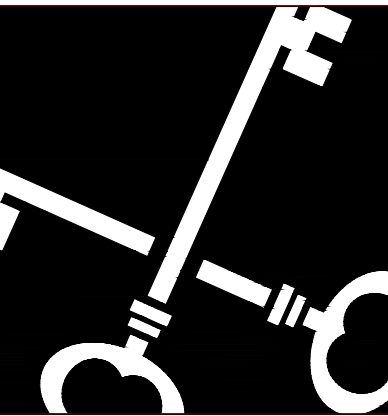
3" = 1'-0"



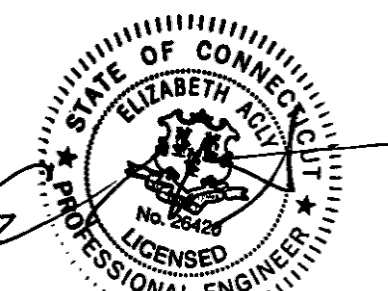
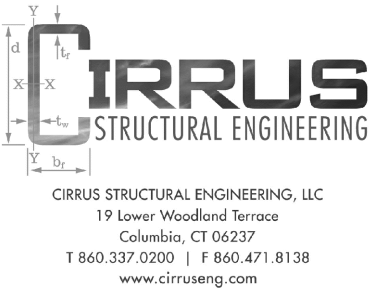
TYPICAL CRACK STITCHING ELEVATION - BRICK WALLS

1" = 1'-0"

BID SET



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Windsor Locks Economic Commission

Drawn: PN
Date: January 30, 2025
Revisions

GENERAL
NOTES AND
TYPICAL
DETAILS

S-6

EXISTING CONDITIONS PHOTOS

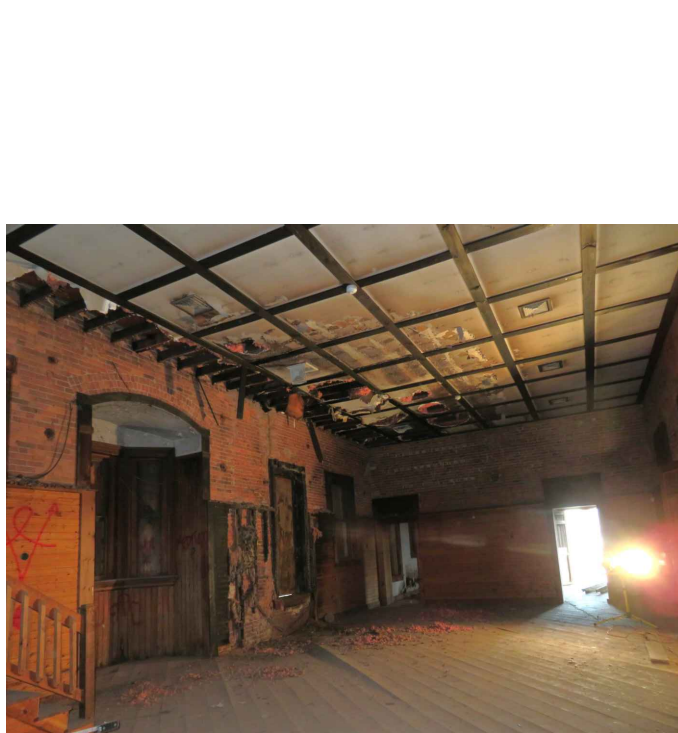
STRUCTURAL SCOPE A: REMOVE BRICK PIERS AFTER INSTALLATION OF NEW COLUMNS



STRUCTURAL SCOPE B - PHOTOS



STRUCTURAL SCOPE C - PHOTOS



STRUCTURAL SCOPE D:
REPAIR CRACKS AT BRICK MASONRY ADJACENT TO ROOF OVERHANG BRACKETS



AT WEST WALL NEAR TRUSS 5



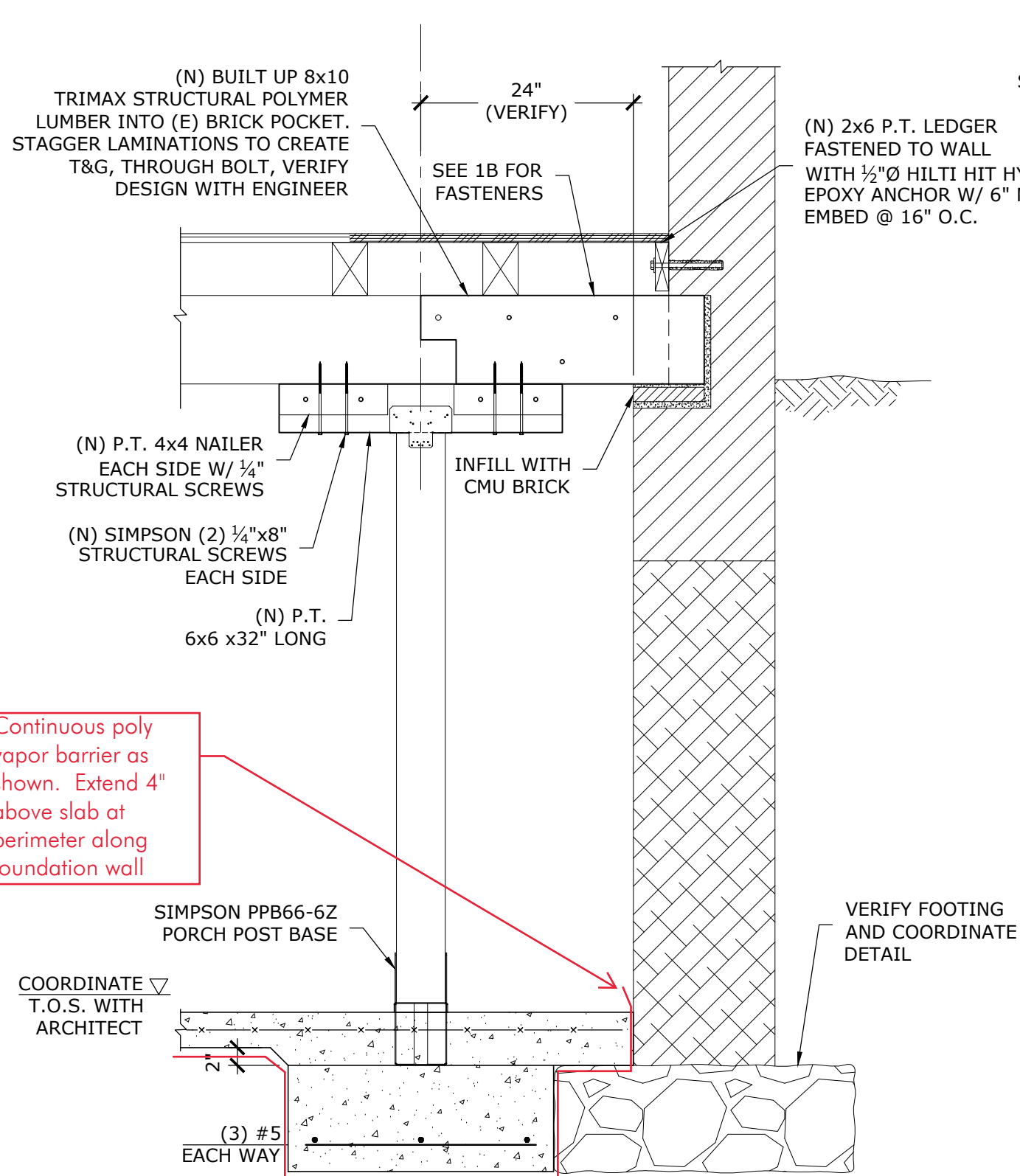
AT WEST WALL NEAR TRUSS 3



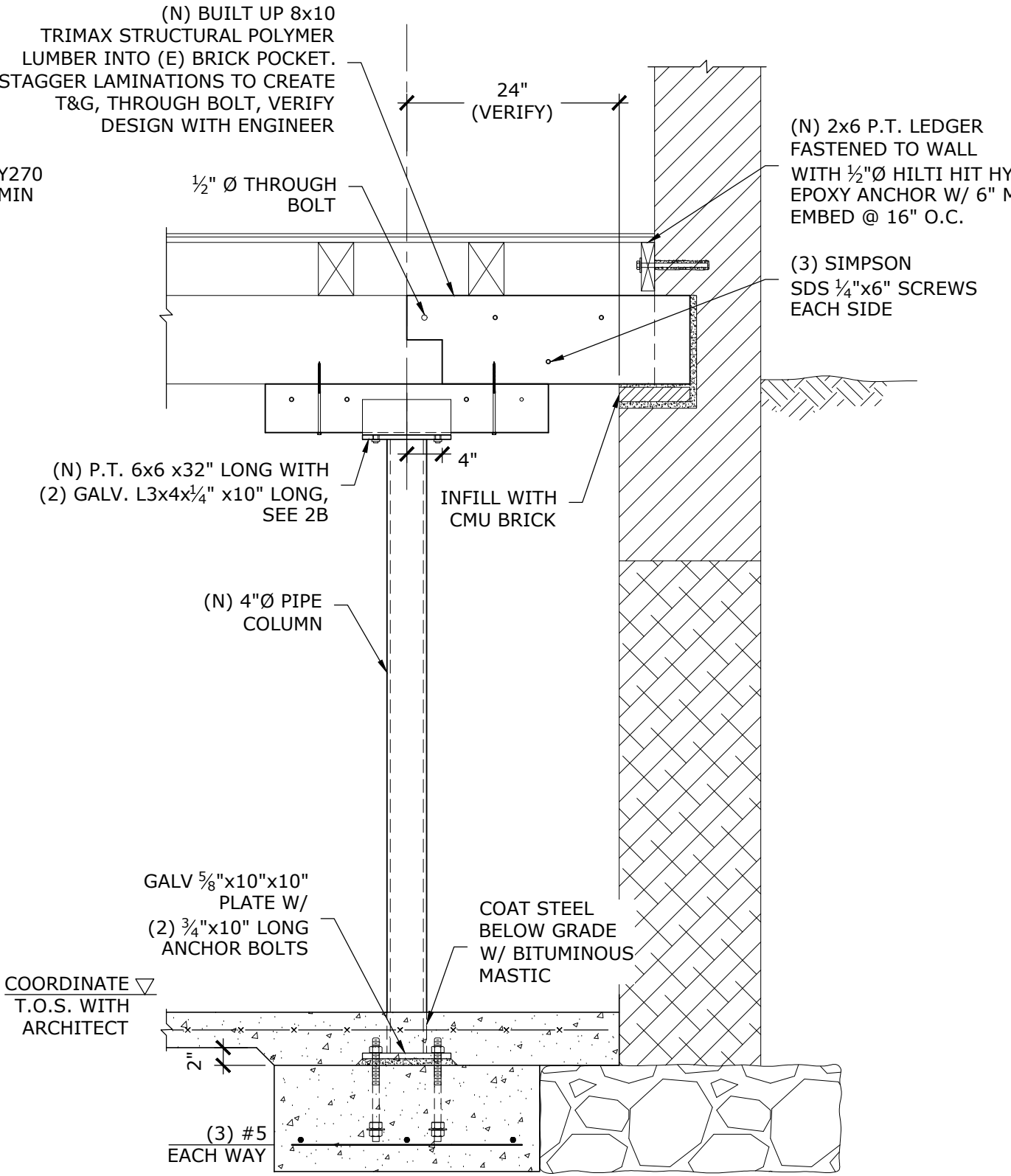
AT EAST WALL NEAR TRUSS 5



BRICK DAMAGED BY BRACKET FASTENERS

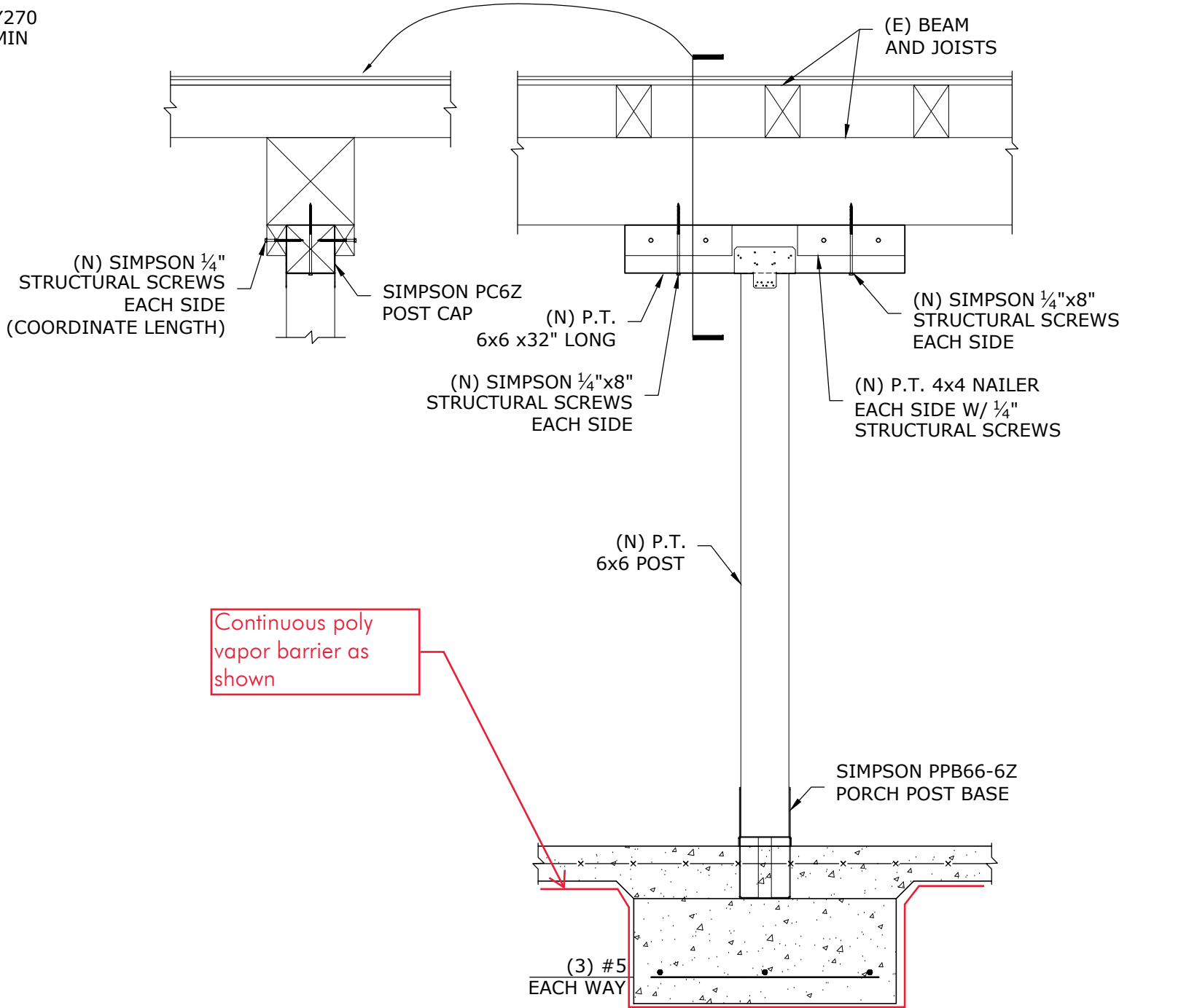


1A SECTION AT WOOD POST BEAM SUPPORT
S-7 3/4" = 1'-0"



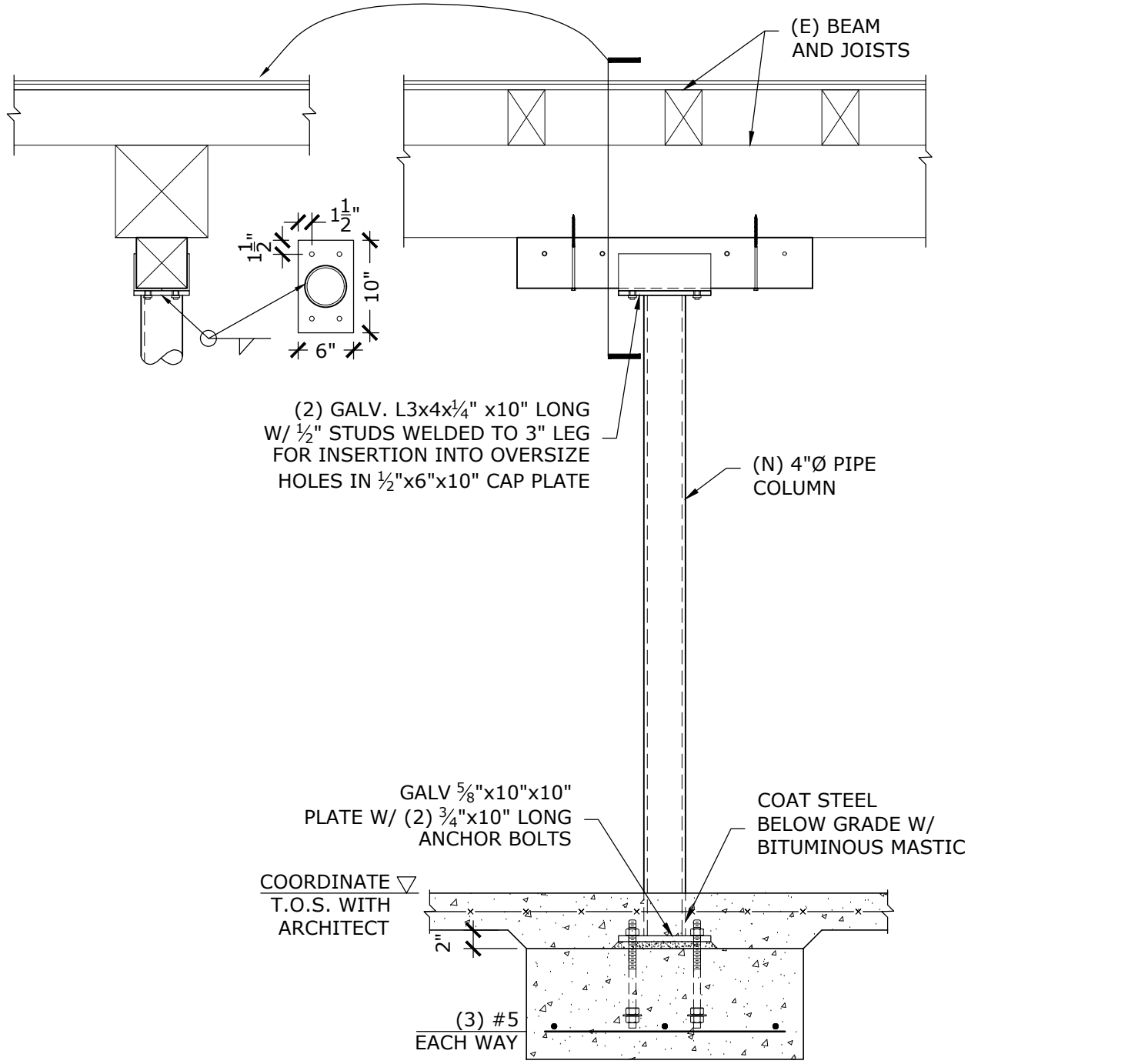
1B SECTION AT STEEL COLUMN BEAM SUPPORT
S-7 3/4" = 1'-0"

See 1A for poly vapor barrier



2A SECTION AT CENTER WOOD POST SUPPORT
S-7 3/4" = 1'-0"

Continuous poly vapor barrier as shown



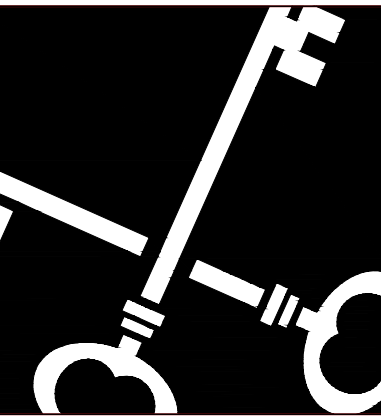
2B SECTION AT CENTER STEEL COLUMN SUPPORT
S-7 3/4" = 1'-0"

See 2A for poly vapor barrier

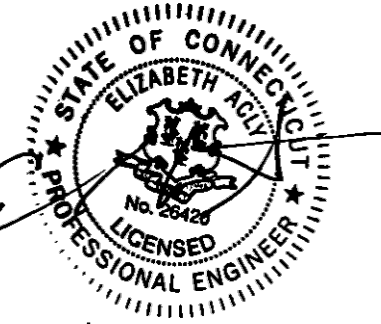
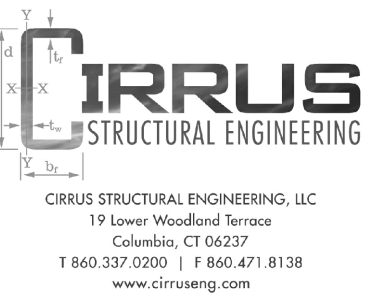
- NOTES:
1. VERIFY ALL DIMENSIONS IN FIELD. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE ENGINEER.
 2. DO NOT SCALE DRAWING.
 3. REFER TO S-6 FOR GENERAL STRUCTURAL NOTES.
 4. ONCE EXPOSED, VERIFY CONDITION OF (E) ELEMENTS DESIGNATED FOR REPLACEMENT. NOTIFY ENGINEER IF MEMBER APPEARS IN BETTER OR WORSE CONDITION THAN TREATMENT ON DRAWINGS SUGGEST.

KEY	
	STONE MASONRY
	BRICK MASONRY
	CONCRETE
(E)	EXISTING
(N)	NEW

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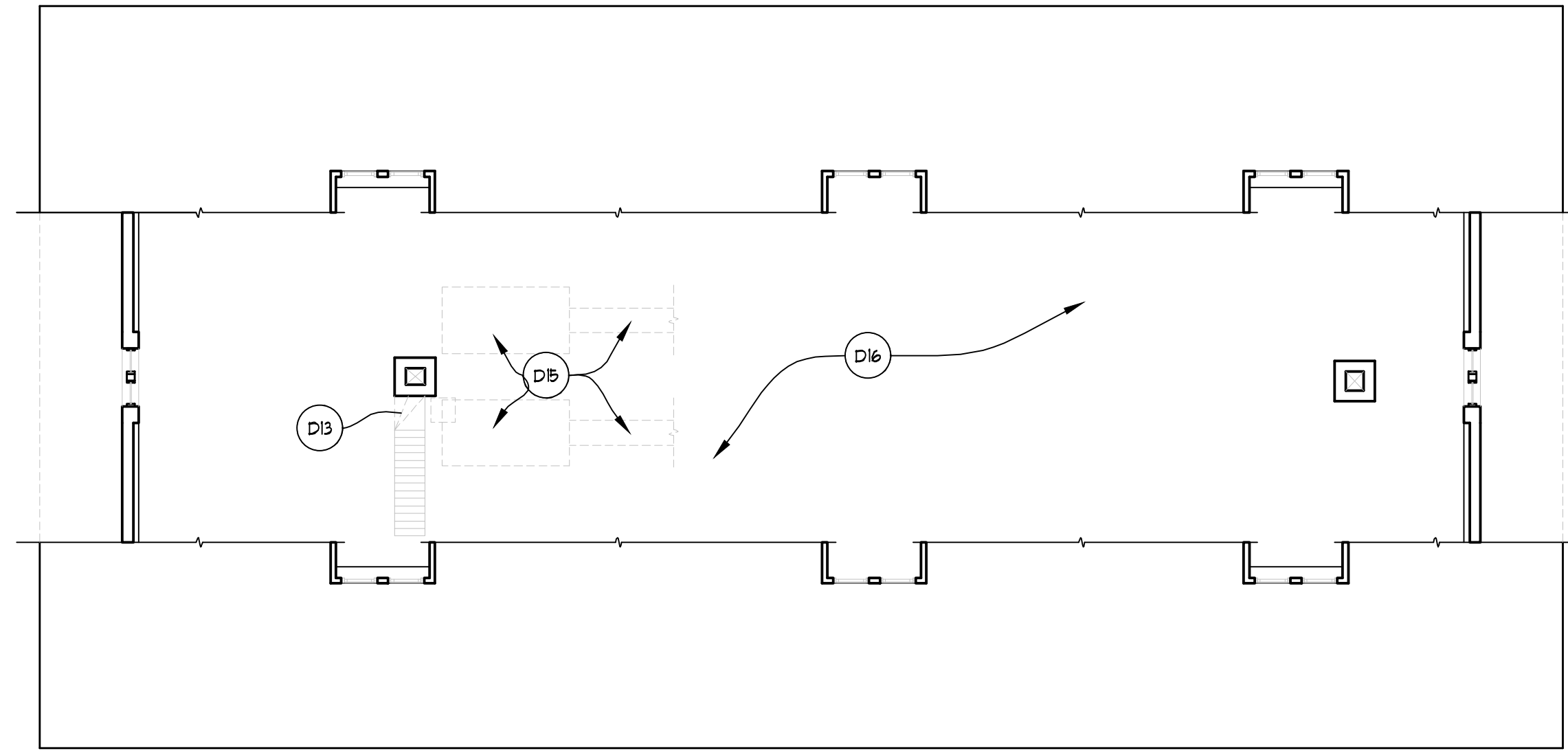
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Date:	January 30, 2025
Revisions	
	5/12/25 ASI #2

SECTIONS AND
DETAILS

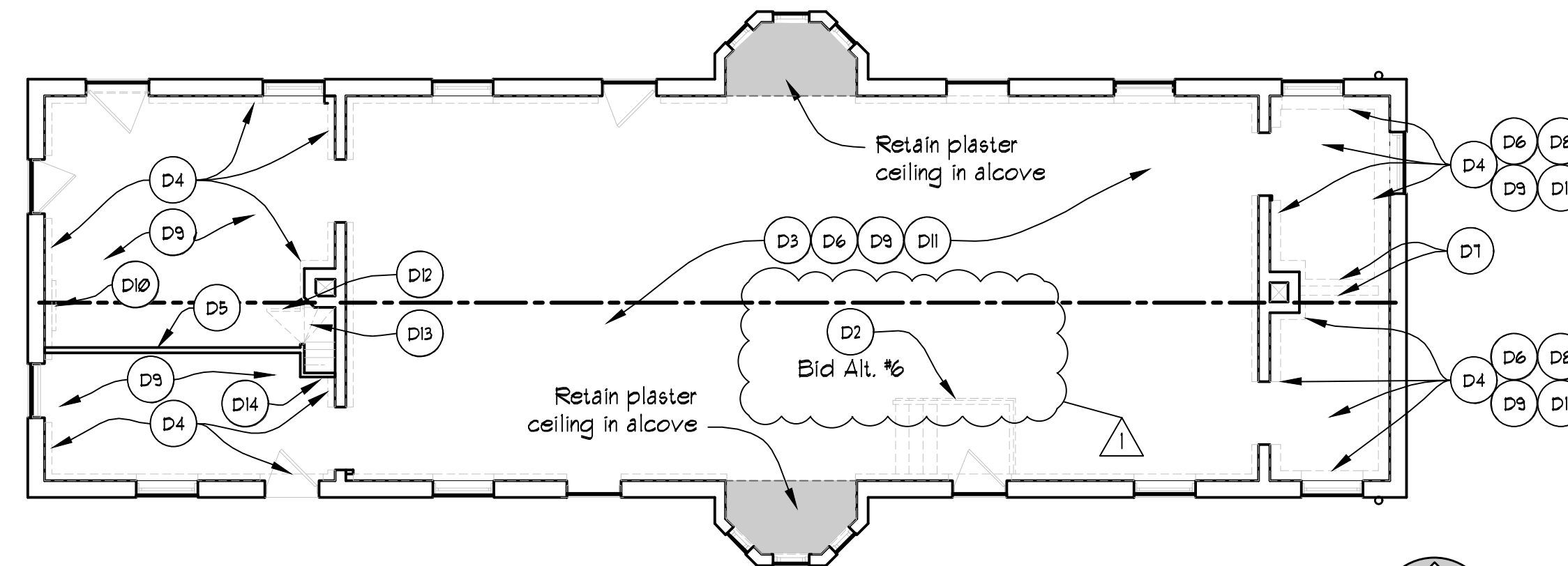
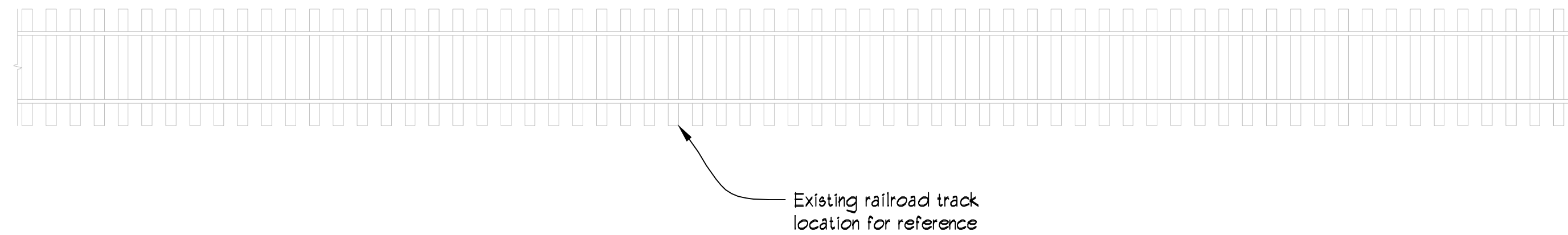
S-7



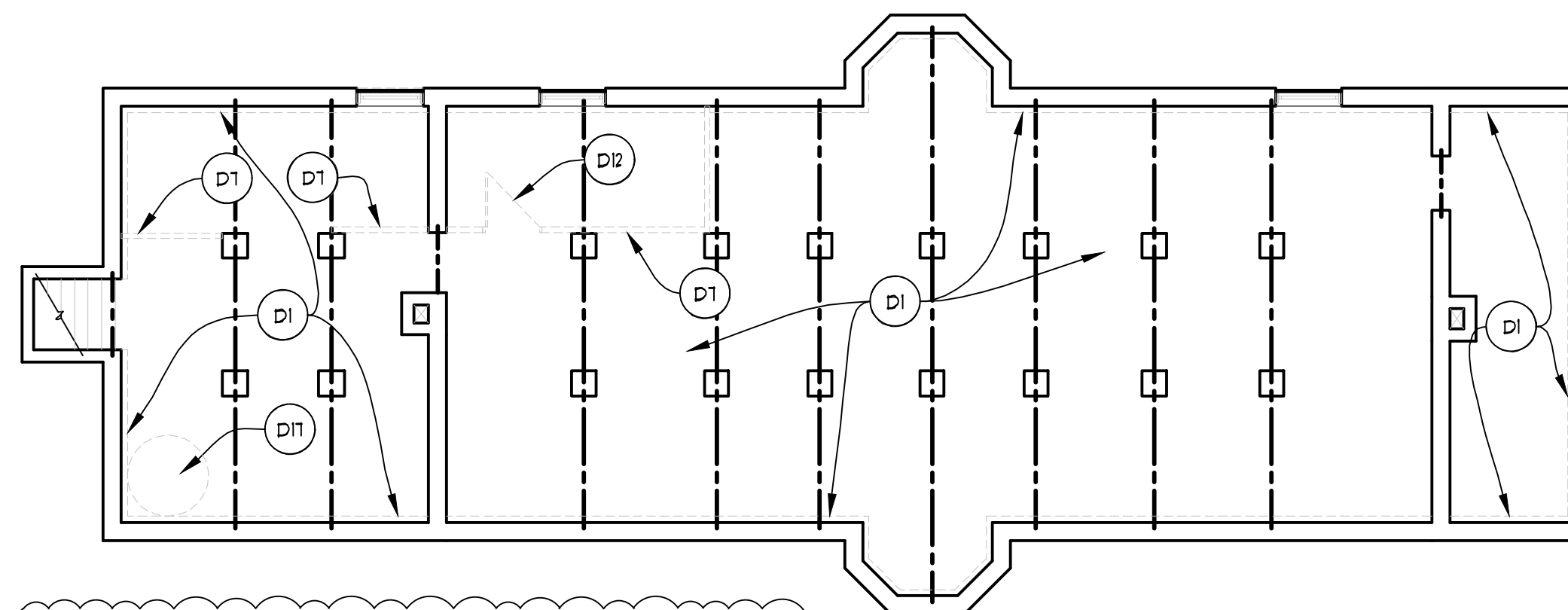
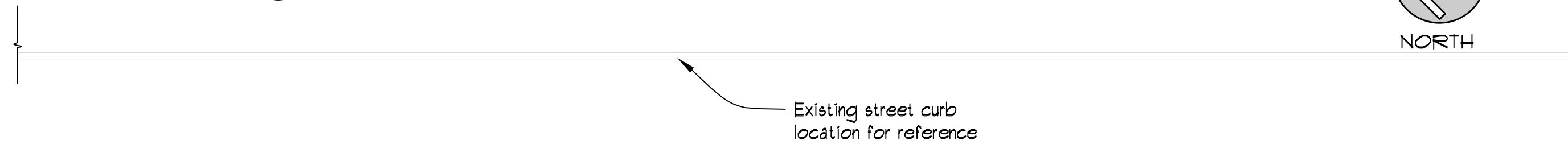
- KEY**
- | | |
|---|---------------|
|  | STONE MASONRY |
|  | BRICK MASONRY |
|  | CONCRETE |
| <u>(E)</u> | EXISTING |
| <u>(N)</u> | NEW |



3 ATTIC DEMOLITION PLAN
SCALE: 1/8"=1'-0"



2 FIRST FLOOR DEMOLITION PLAN
SCALE: 1/8"=1'-0"



1 BASEMENT DEMOLITION PLAN
SCALE: 1/8"=1'-0"

All related demo work on this level shall be captured in Bid Alt. #6

DEMOLITION GENERAL NOTES

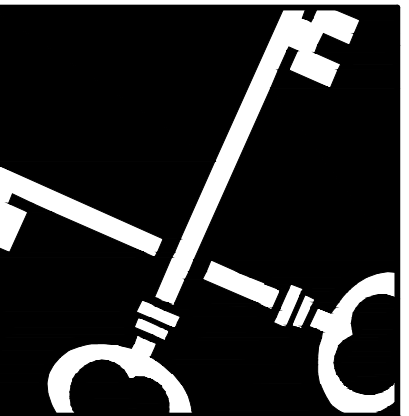
- These drawings are intended to provide a diagrammatic representation of demolition. Information shown shall not limit the scope of demolition work. Contractor shall be responsible for providing all necessary demolition as required to complete scope of work as indicated by the Contract Documents. Coordinate all demolition work with proposed work.
- Contractor shall verify existing conditions prior to commencement of demolition work. Notify Architect of any discrepancies between demolition and new work.
- Remove all wall appurtenances (i.e. towel bars, non original racks, smoke detectors, curtain hangers, picture hangers, nails, screws, pictures, signs, emergency lights, hooks, etc. unless noted otherwise)
- Contractor shall provide all necessary demolition of existing walls, ceilings, fixtures and other components as required to complete the scope of work as indicated on these drawings.
- When a wall is indicated to be removed, all existing components or services in or on the wall shall be removed and/or relocated (lights, plumbing, etc.)
- Contractor shall patch and repair any damages to existing components which are to remain.
- When removing existing components, care must be taken to ensure that adjacent surfaces to remain are not damaged. Patch and repair any damage to existing to remain components that may occur. Prepare for new finishes.
- Legally dispose of all construction debris off site in accordance with all Federal regulations, State and Local Ordinances
- All components shown as dashed shall be removed. Components that are not dashed shall remain unless noted otherwise.
- If requested, return items to be removed such as doors, hardware, etc. to Owner.
- Contractor to inform Owner upon discovery of any suspected hazardous materials.
- Refer to Asbestos Abatement Work Procedure prepared by Fuss & O'Neill and dated December 13, 2024 for additional information regarding abatement requirements.

DEMOLITION KEY NOTES

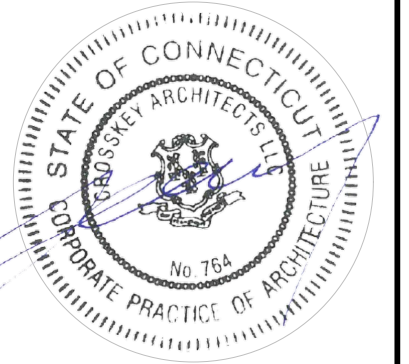
- (D1) Within the Basement, remove all existing wood wall boards and framing down to existing masonry.
- (D2) Indicates existing wood stair and overhead structure to be removed.
- (D3) Throughout building first floor, remove existing wood wainscoting, window and door trim, and framing down to existing masonry. If any existing plaster and lath is uncovered beneath wainscot, retain in place.
- (D4) Indicates existing wallboard, window & door trim, and furring to be removed down to existing masonry.
- (D5) Indicates existing wallboard to be removed. Existing wood framing is to remain.
- (D6) Bid Alt. #6: Throughout building first floor, remove all existing diagonal wood flooring down to strip wood flooring underneath. Remove deteriorated sections of strip wood flooring, if any (consult with Architect before removal). Carefully remove and retain wood strip flooring in areas noted for replacement of structural decking. Coordinate area with structural plans.
- (D7) Indicates existing partition to be removed entirely.
- (D8) Throughout building, remove existing plumbing. Cut back waste and supply lines to where they enter the building. Leave enough existing lines for future installation of new plumbing.
- (D9) Throughout building, remove existing electrical wiring & devices entirely, back service panels. Demolition of existing electrical on exterior of building to be removed by others.
- (D10) Indicates existing electrical panels and backboard to be removed entirely.
- (D11) Within existing first floor, remove existing ceiling and support framing. Existing attic joists to remain.
- (D12) Indicates existing door to be removed.
- (D13) Indicates (3) existing plywood stair treads to be removed.
- (D14) At underside of stair, remove existing wallboard.
- (D15) Within attic, remove all existing mechanical equipment and ductwork entirely.
- (D16) Within attic, remove all existing insulation.
- (D17) Within this area, removal excess soil to bring level ground with balance of Basement grade.

LEGEND

- Existing Construction to remain
- Building Component to be Demolished



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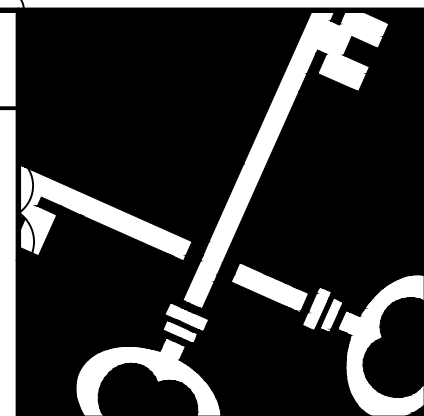
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50 Church Street, Windsor Locks, CT

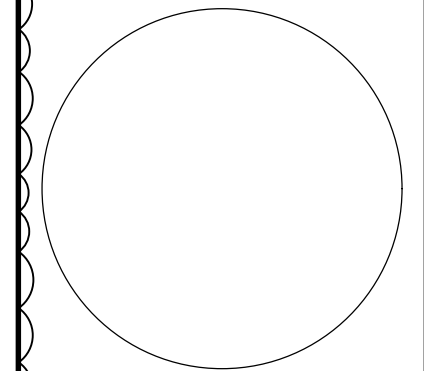
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1 Add. # 1/30/25

Demolition Floor
Plans

AD-101



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Floor Plans

A-110

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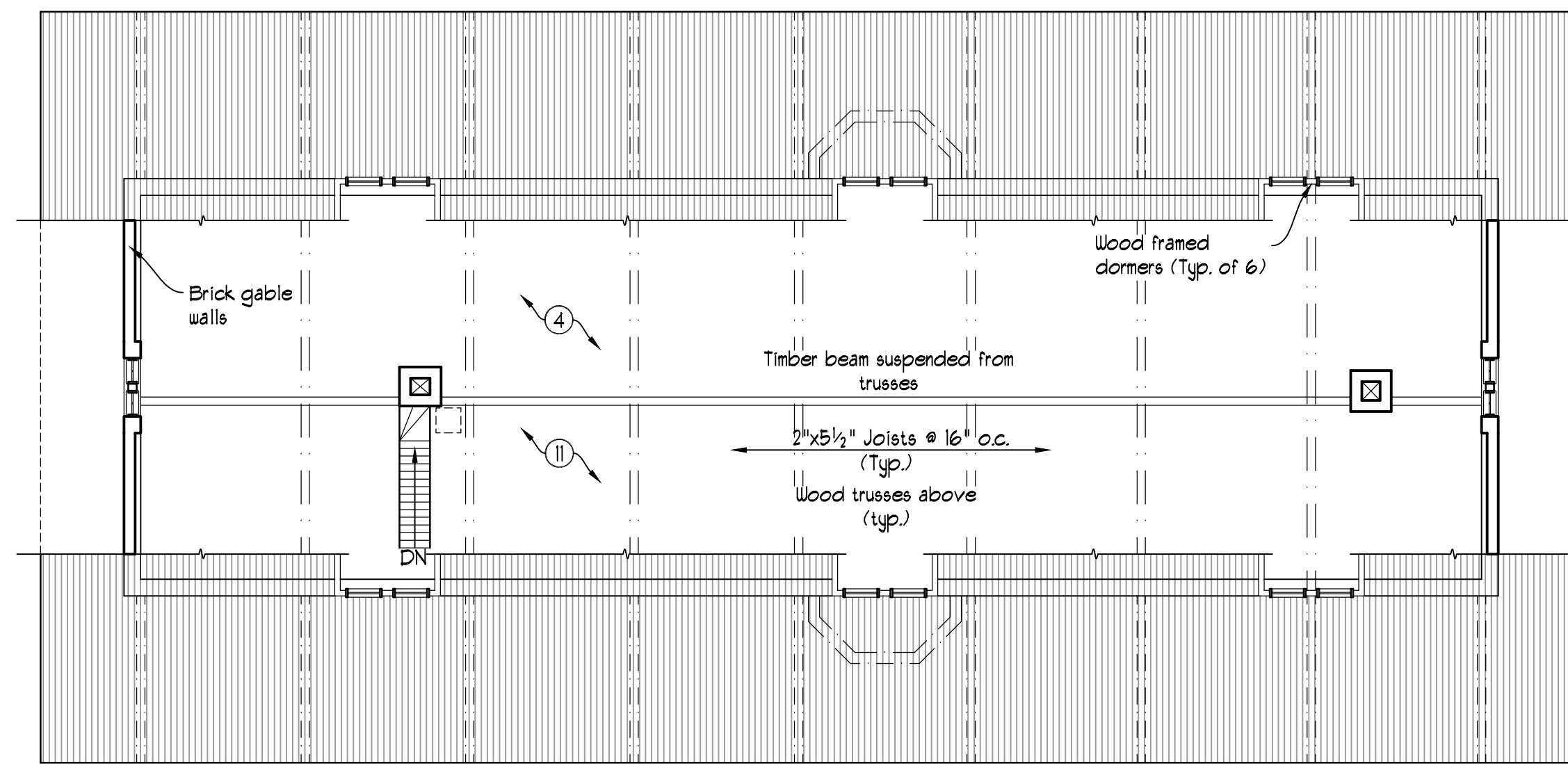
SCOPE NOTES:

1. Bid Alt. #6: Repair or replace existing wooden beams and joists at basement where rotted. Refer to Structural plans.
2. Bid Alt. #6: Remove existing concrete slab and loose soil. Provide new concrete slab and 15 ml PVB at basement, pitch to new sump pump. Note: soil may contain asbestos and requires full containment of the basement (full containment of the walls and ceiling along with negative air pressure) in order to do so. Refer to specifications for further information and requirements.
3. New sump pump and pit, refer to MEP drawings. Pit is Bid Alt. #6.
4. New ductwork, refer to MEP drawings.
5. Bid Alt. #4: New dehumidifier, refer to MEP drawings.
6. New insulation with vapor barrier at basement ceiling, between joists.
7. Bid Alt. #6: Demo existing interior stair. Base bid: Build new code compliant stair per layout shown.
8. Bid Alt. #6: Demo existing finish wood flooring throughout. 4 damaged subfloor as needed. Refer to Structural for scope of subfloor replacement. Bid Alt. #6: Install new 1" thick wood flooring throughout except at restrooms. Base Bid: Refinish wood floor.
9. New wall furring and drywall throughout, with new wood trim and wainscoting to match existing.
10. New solid core 5 panel wood doors throughout interior to match existing salvaged doors.
11. Bid Alt. #6: Repair or replace fire damaged ceiling joists as required, Refer to structural drawings for extent of damaged joists.
12. Install new finish ceiling and lighting throughout, refer to AC-110 for scope.
13. New plumbing fixtures, layouts as shown. Refer to MEP drawings.
14. New tile flooring with crack suppression system and full height wall tile at all walls of new restrooms. See AF-110 for more information.
15. Repair/replace glazing or glazing putty at all interior transoms. Provide new painted finish at all associated trim.
16. New janitor sink.
17. New vertical gas fired AHU, ductwork to run above ceiling through attic space.
18. New water heater.
19. New condensing unit & concrete pad.
20. Section of floor to be sloped to be flush with entry threshold. Refer to section 2 on A-301.
21. Salvage existing wood flooring from Mechanical room if needed to repair flooring in Corridor and Multi-function space. Where flooring has been removed from Mechanical room, replace with plywood flush with the balance of the flooring.
22. Replace first three winder treads at attic access stair. Match existing to remain.

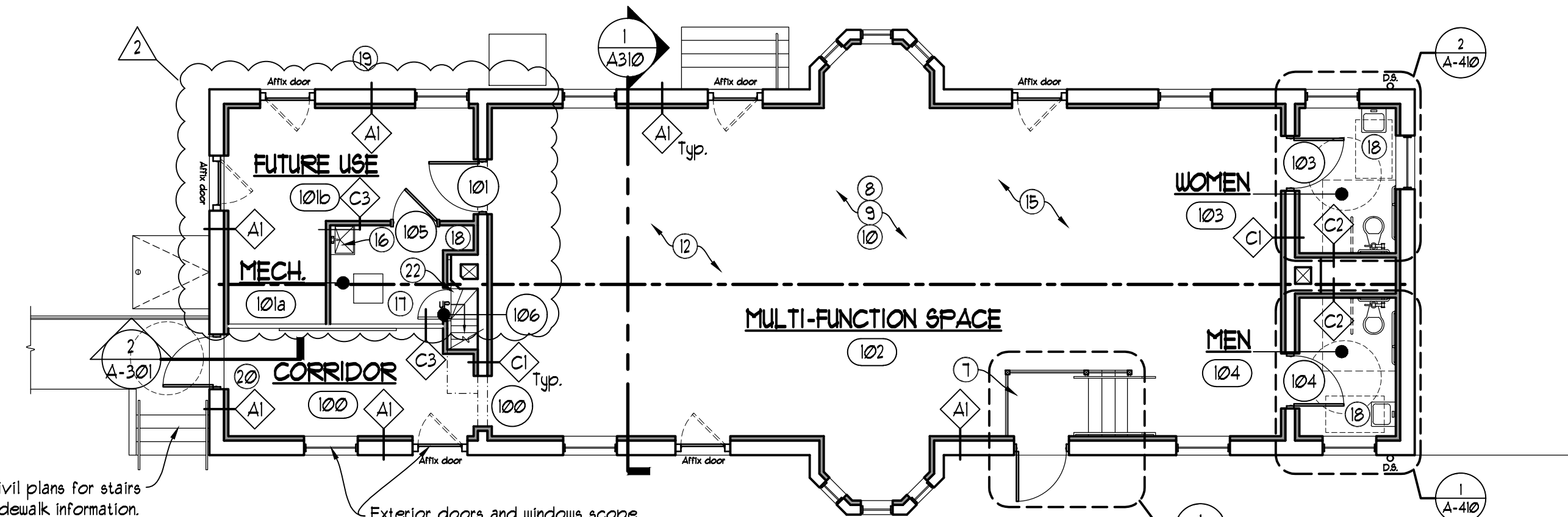
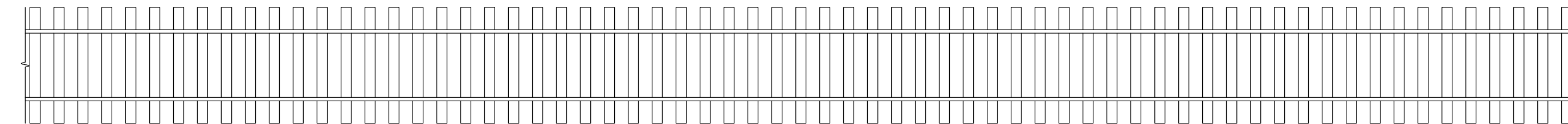
GENERAL NOTES:

1. All paint is assumed to be lead-based. Refer to specifications for further information and requirements.
2. All materials are to be new unless noted otherwise.
3. Assume 5/8" drywall throughout. All new drywall shall be mold & mildew resistant.
4. If plans and specifications provide conflicting information, then the strictest, most expensive interpretation shall apply.
5. Contractor shall verify all conditions prior to commencement of work. Notify Architect of any existing conditions that deviate from the drawings or specifications which will impact the work.
6. Contractor to follow manufacturer's details and installation instructions for a fully warranty compliant finish assembly.
7. Refer to Mechanical, Electrical and Plumbing drawings for MEP.
8. Refer to Structural drawings for Structural scope of work.

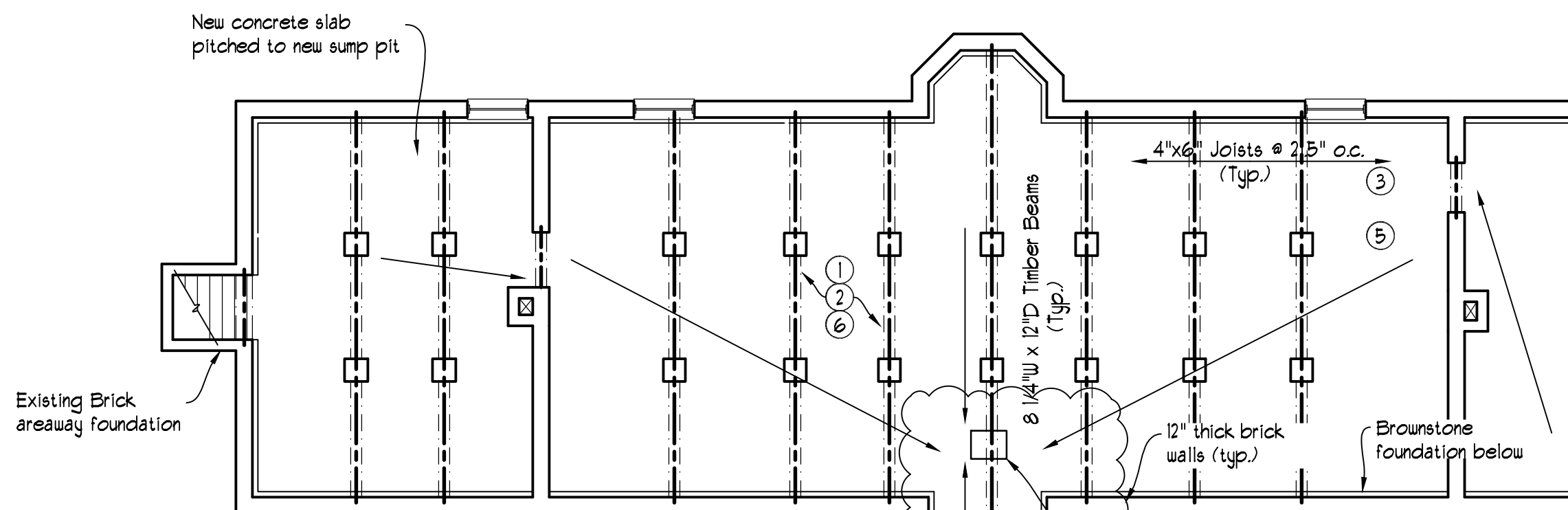
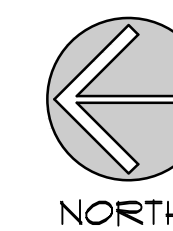
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Add. # 1/29/25



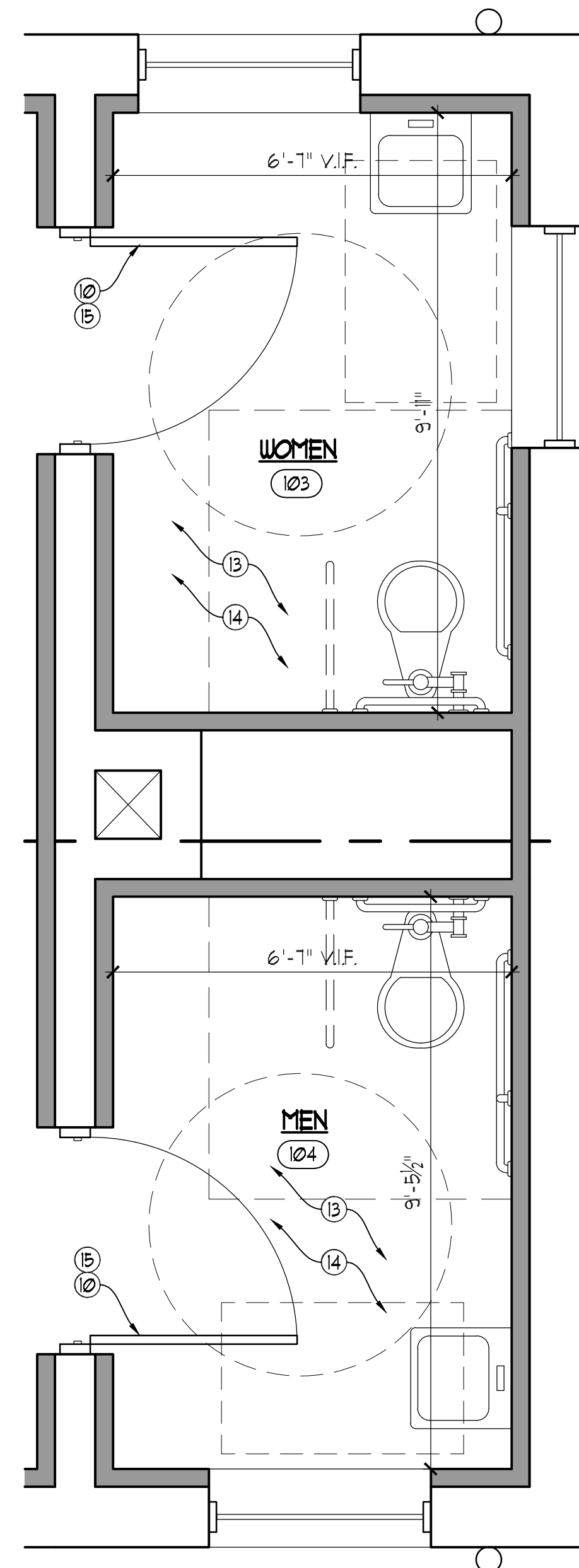
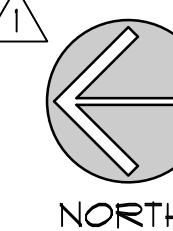
2 ATTIC PLAN
SCALE: 1/8"=1'-0"



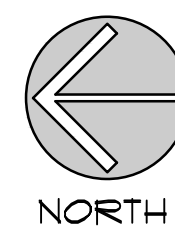
1 FIRST FLOOR PLAN
SCALE: 1/8"=1'-0"

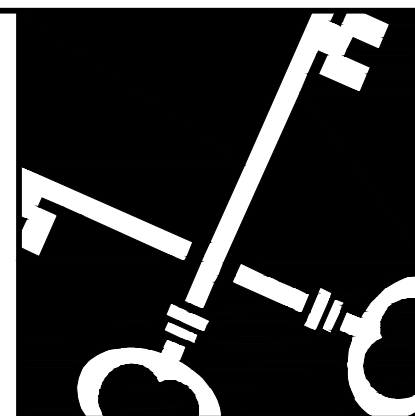


1 BASEMENT PLAN
SCALE: 1/8"=1'-0"



3 ENLARGED RESTROOM PLAN
SCALE: 1/2"=1'-0"





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Windsor Locks Passenger Station

Main Street, Windsor Locks, CT

Windsor Locks Economic Commission
50 Church Street, Windsor Locks, CT

Drawn: TN
Date: January 17, 2025
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Exterior
Elevations

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2 WEST ELEVATION

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

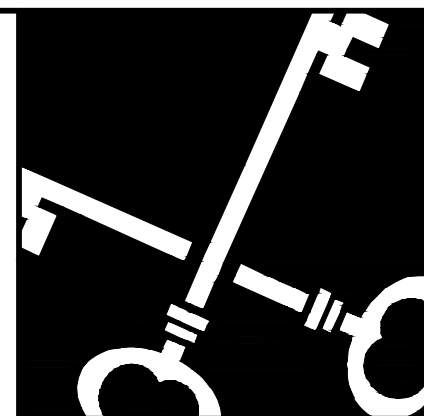
NOTE: Elevations included for diagrammatic purposes. Exterior work part of previous phase of work.



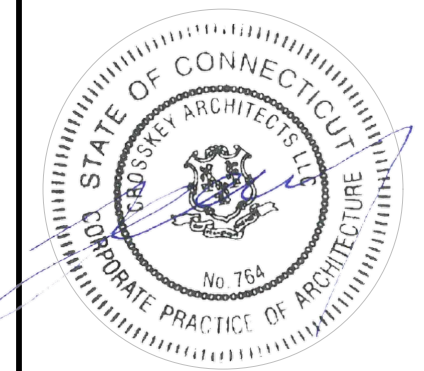
1 EAST ELEVATION

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

NOTE: Elevations included for diagrammatic purposes. Exterior work part of previous phase of work.



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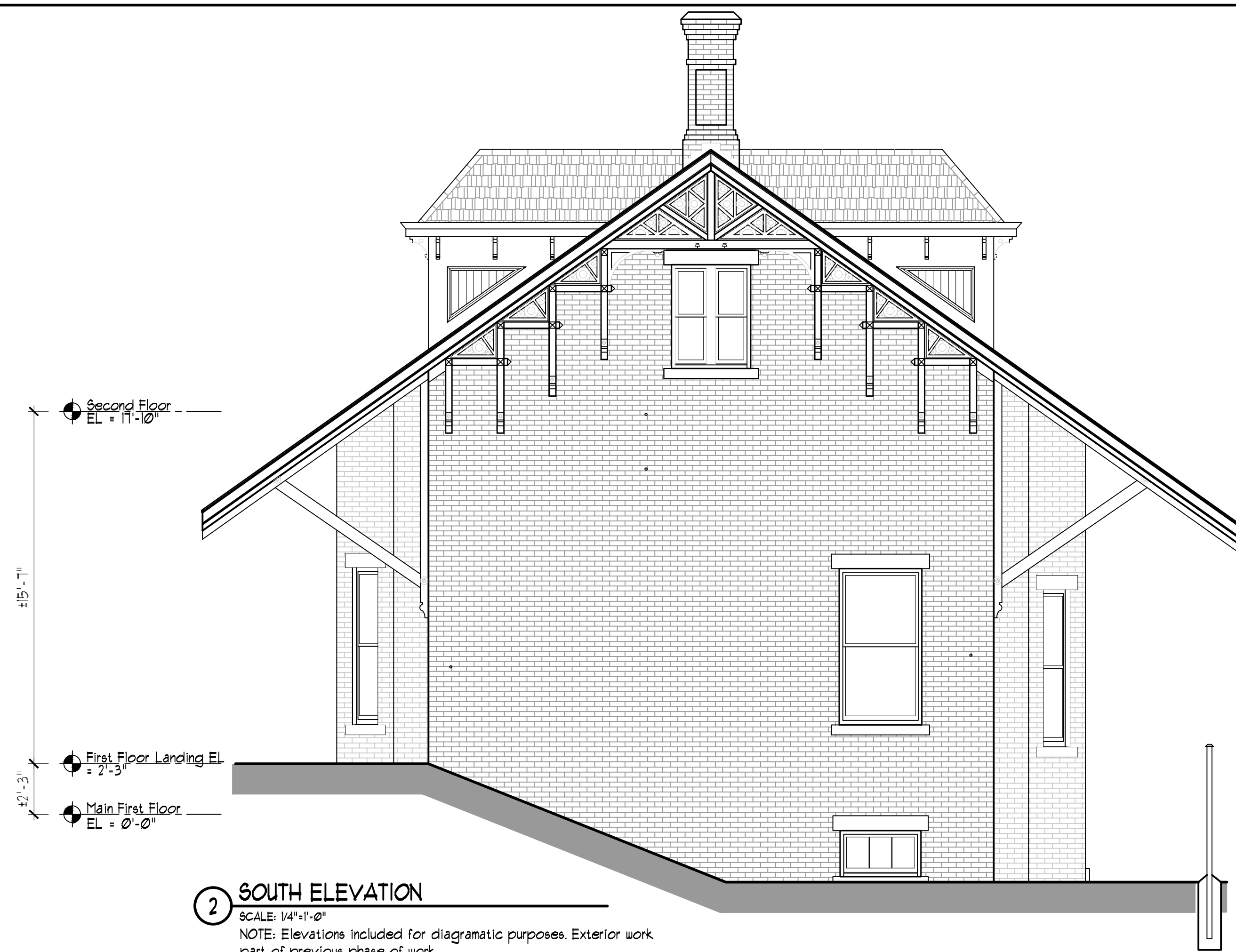
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Revisions	

Exterior
Elevations

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2 SOUTH ELEVATION

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

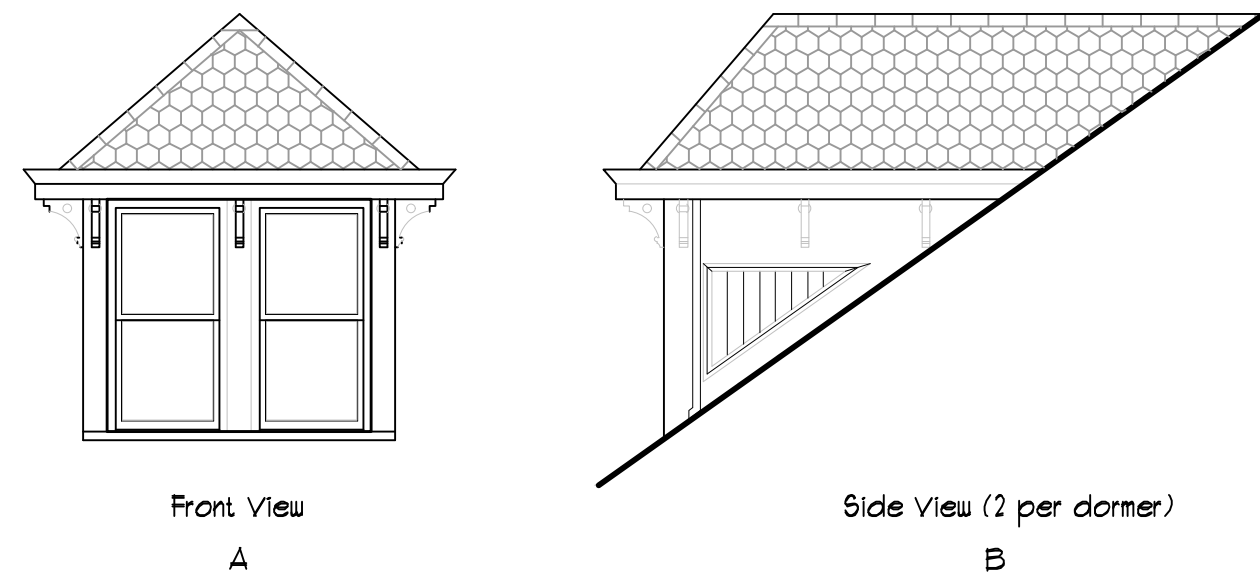
NOTE: Elevations included for diagrammatic purposes. Exterior work part of previous phase of work.



1 NORTH ELEVATION

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

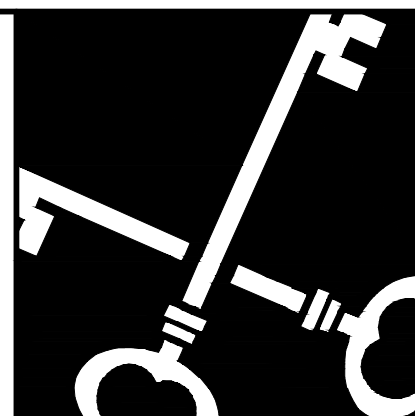
NOTE: Elevations included for diagrammatic purposes. Exterior work part of previous phase of work.



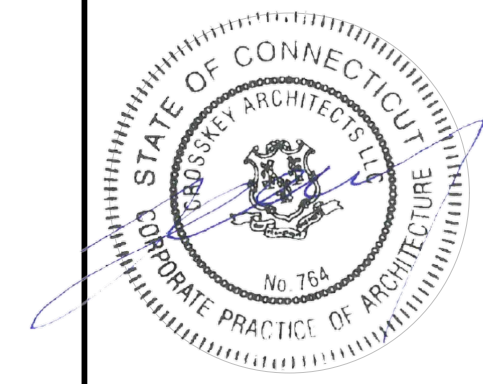
3 TYPICAL DORMER ELEVATION

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

NOTE: Elevations included for diagrammatic purposes. Exterior work part of previous phase of work.



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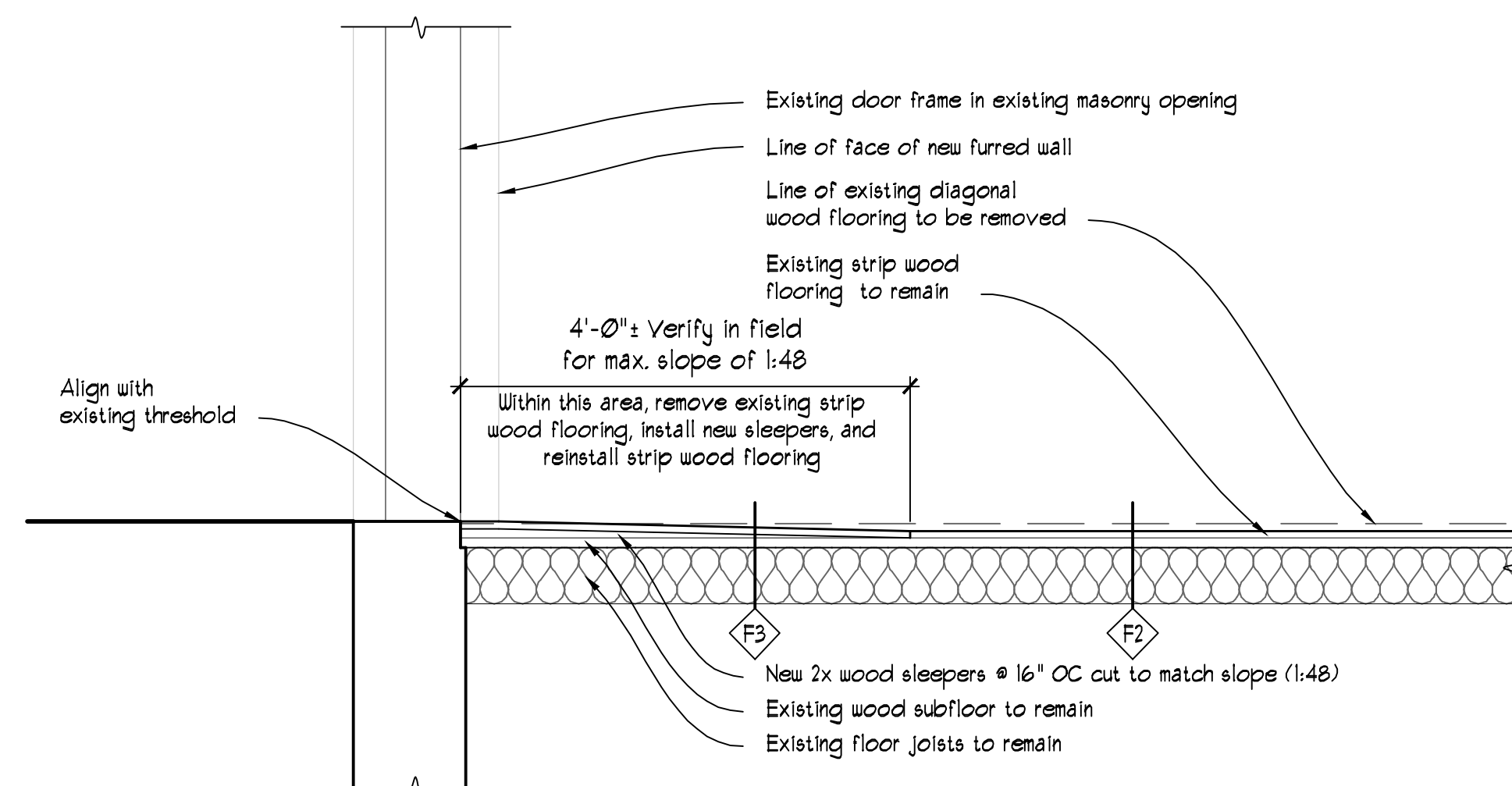
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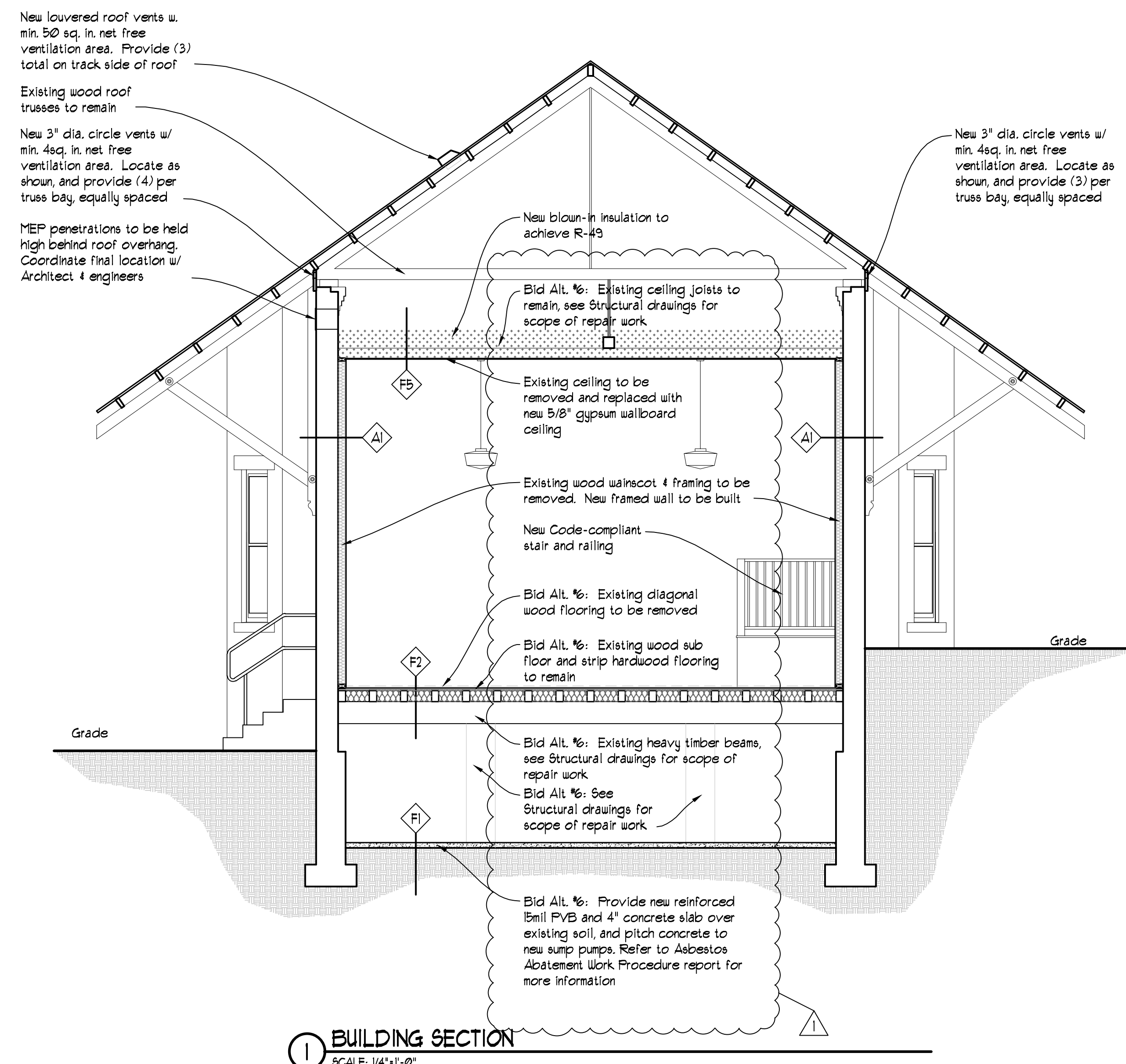
Building Sections

A-301

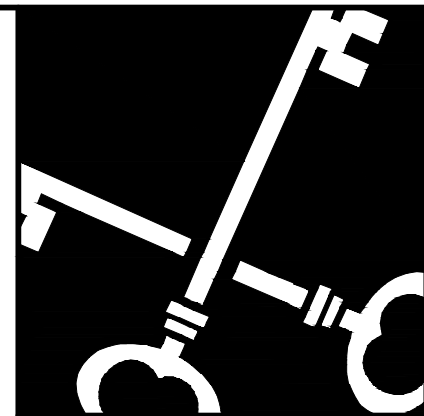
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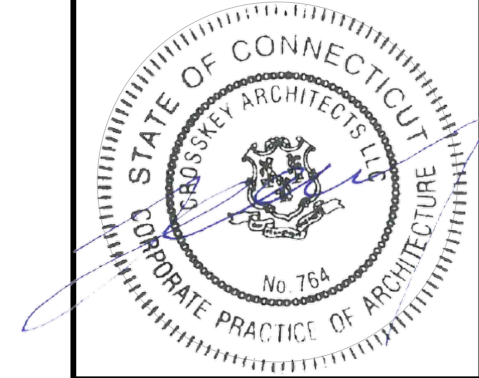
2 SECTION THROUGH CORRIDOR @ ELEVATION CHANGE
SCALE: 3/4"=1'-0"



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



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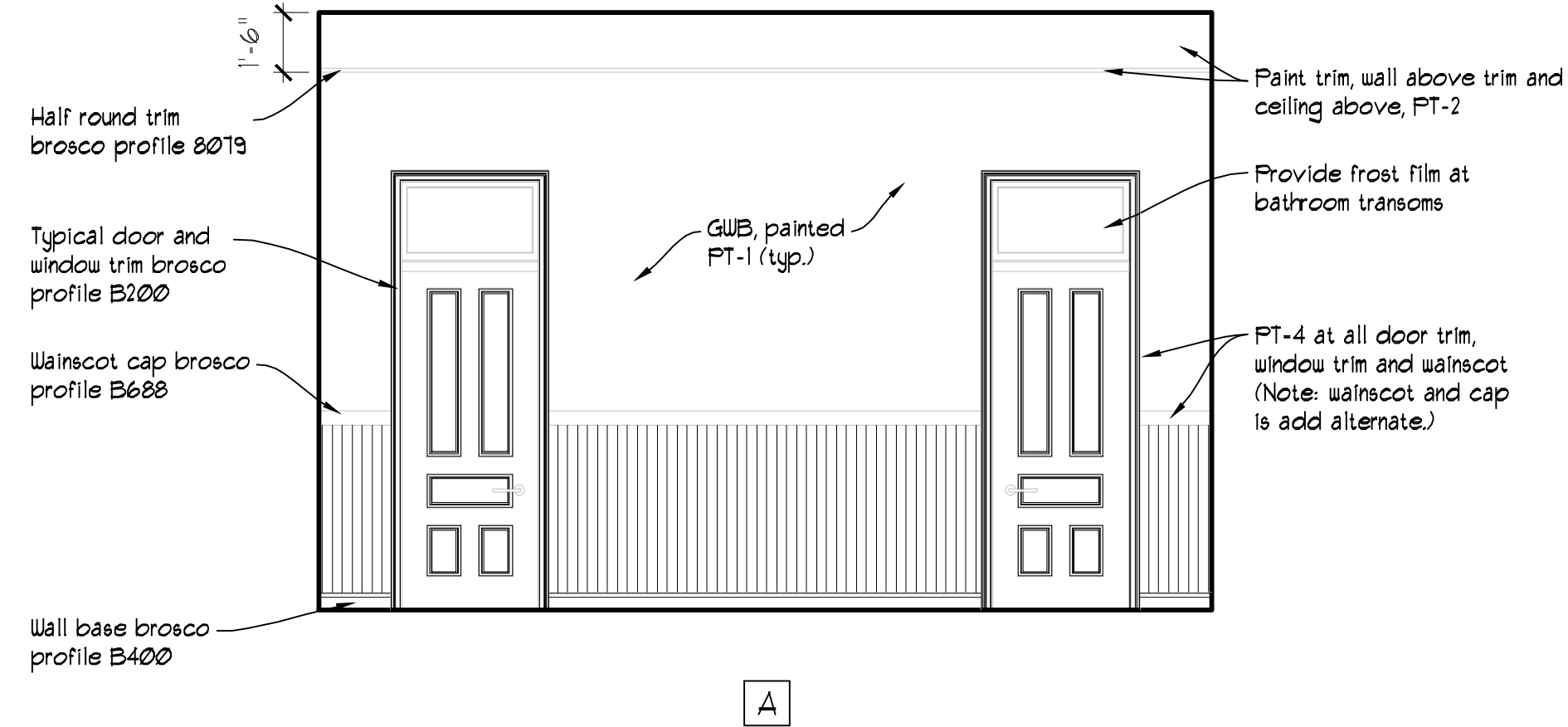
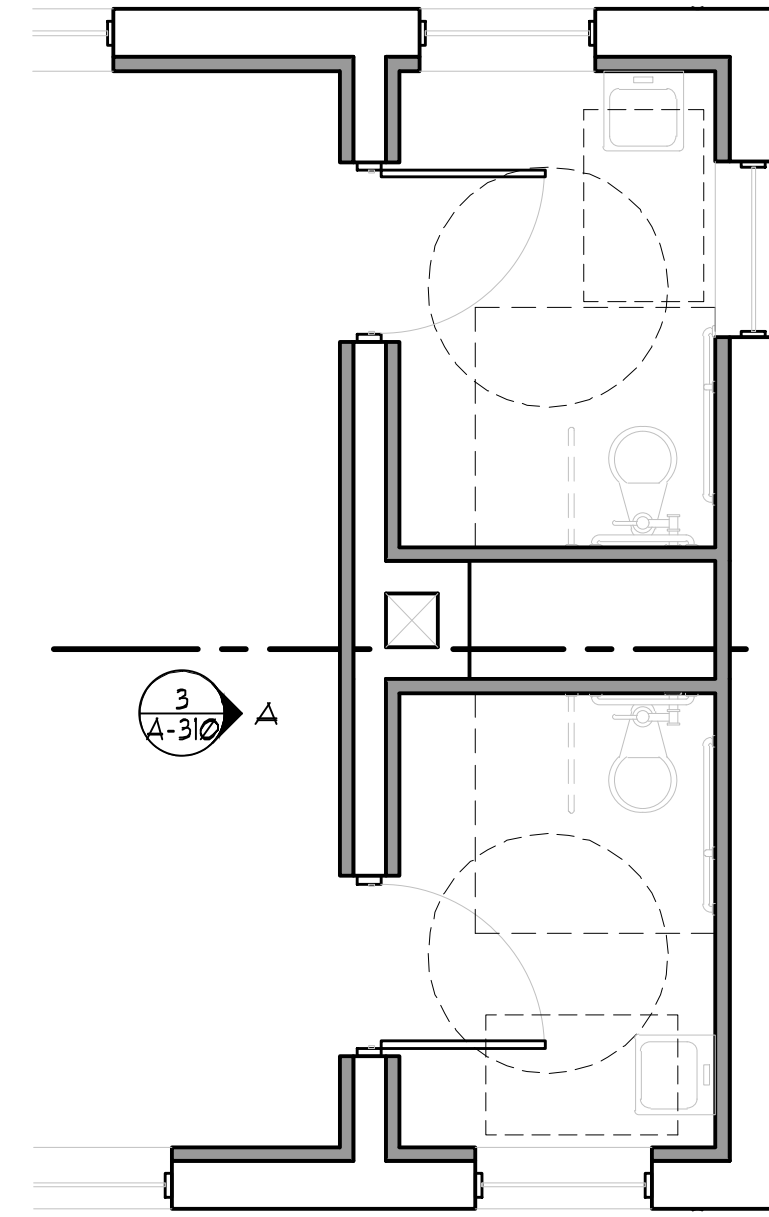
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Main Street, Windsor Locks, CT
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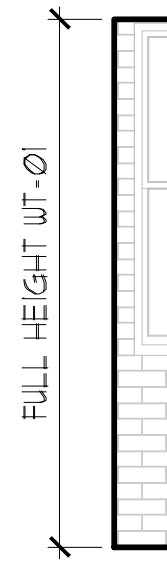
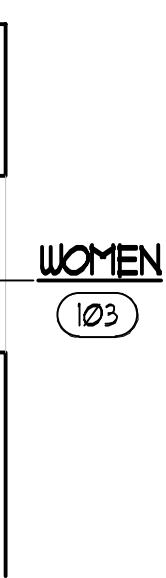
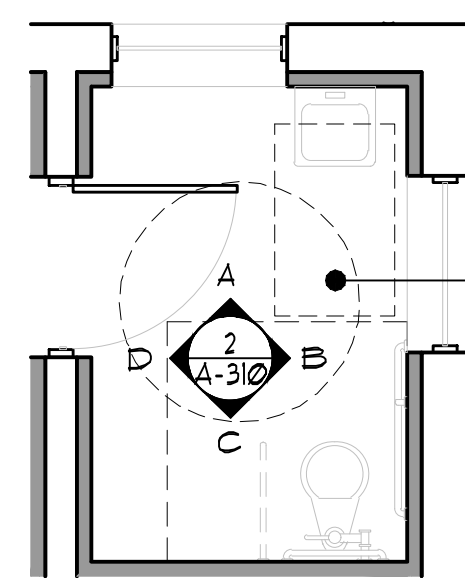
Interior
Elevations

A-310

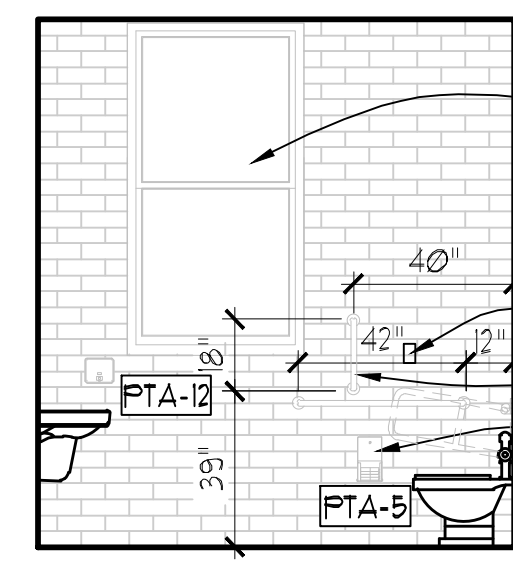
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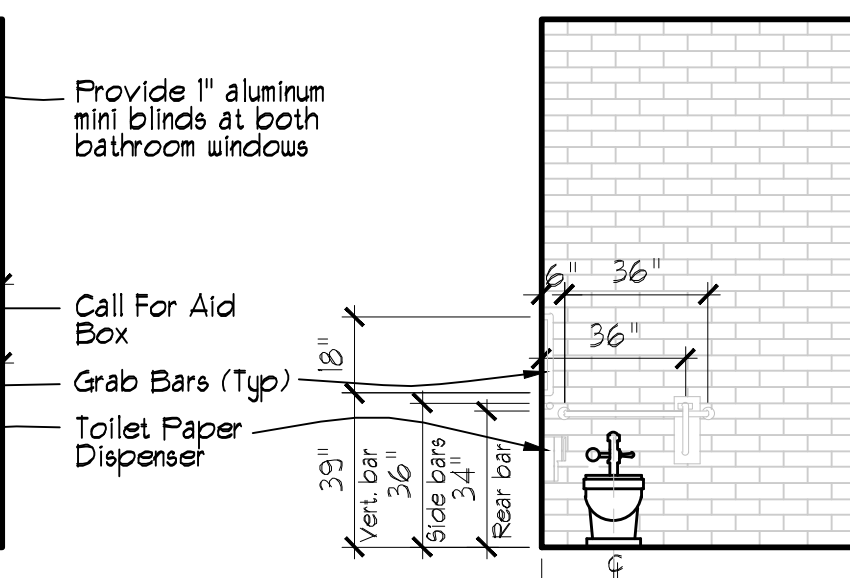
3 MULTIFUNCTION SPACE - TYPICAL TRIM ELEVATION
SCALE: 1/4"=1'-0"



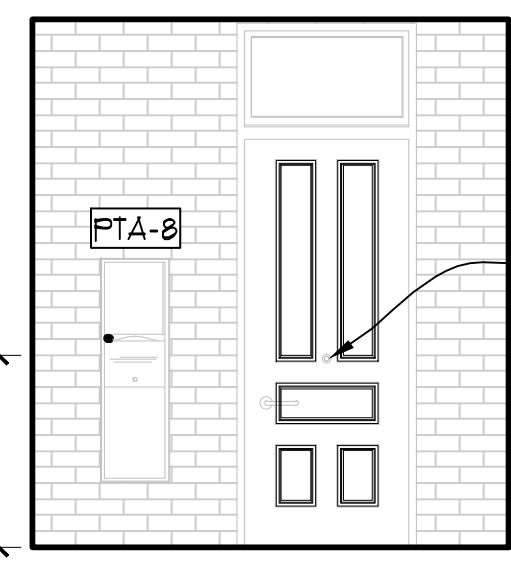
A



B

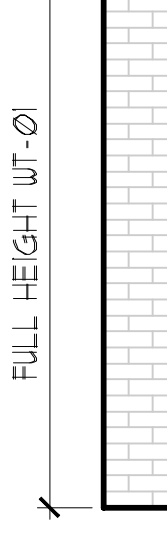
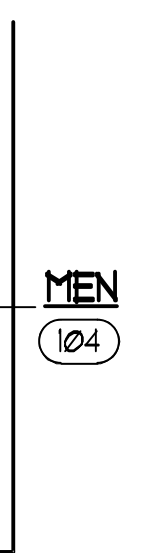
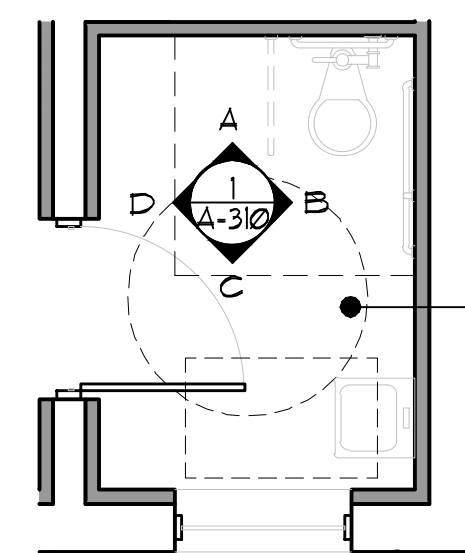


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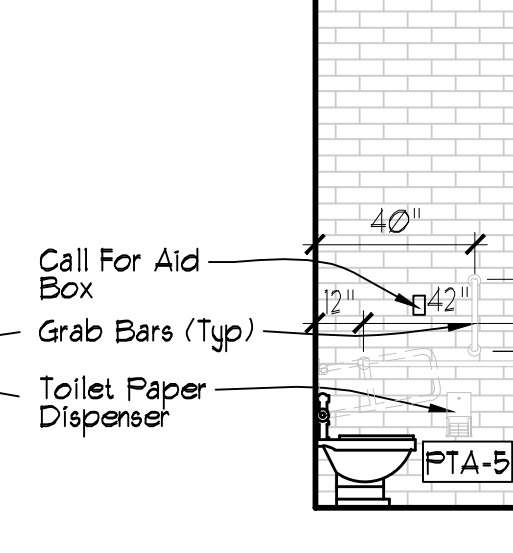


D

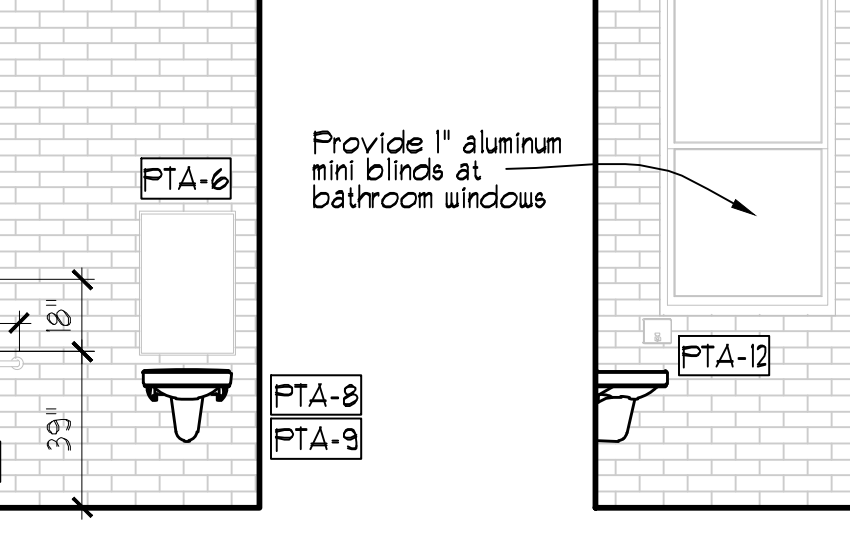
2 WOMENS RM 103 - INTERIOR ELEVATIONS
SCALE: 1/4"=1'-0"



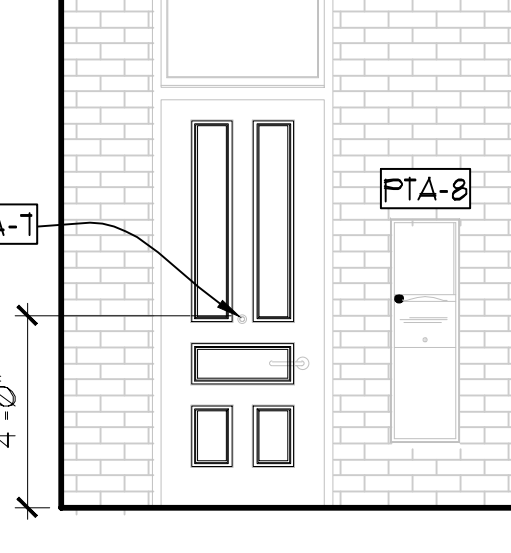
A



B



C



D

1 MENS RM 104 - INTERIOR ELEVATIONS
SCALE: 1/4"=1'-0"



PUBLIC TOILET ACCESSORY SCHEDULE

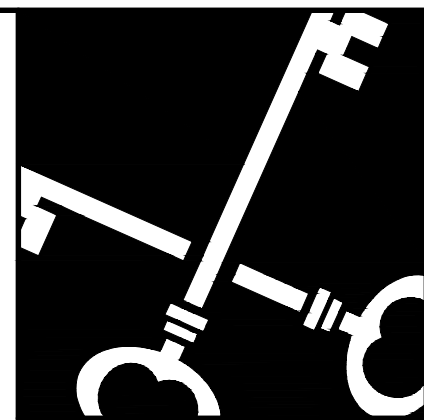
NO.	MANUFACTURER	DESCRIPTION
PTA-1	BOBRICK MO. #B-5806	36" Grab bar, stainless finish. See elevations.
PTA-2	BOBRICK MO. #B-6806	42" Grab bar, stainless finish. See elevations.
PTA-3	BOBRICK MO. #B-4998	30" Swing Up Grab bar, stainless finish. See elevations.
PTA-4	BOBRICK MO. #B-6806	18" Vertical Grab bar, stainless finish. See elevations.
PTA-5	BOBRICK MO. #B-4288	Surface-mounted toilet tissue dispenser
PTA-6	MIRROR	24" X 36" Mirror at Wall hung sink
PTA-7	BOBRICK MO. #B16111	Single coat hook, stainless finish
PTA-8	SEE PLUMBING DRAWINGS	Wall-mounted ada compliant sink, white
PTA-9	SEE PLUMBING DRAWINGS	Single-hole touchless faucet
PTA-10	SEE PLUMBING DRAWINGS	Floor-mounted ada compliant toilet
PTA-11	BOBRICK MO. #B-3949	Surface-mounted paper towel dispenser/waste receptacle
PTA-12	BOBRICK MO. #B-4112	Surface-mounted manual liquid soap dispenser

BATHROOM NOTES

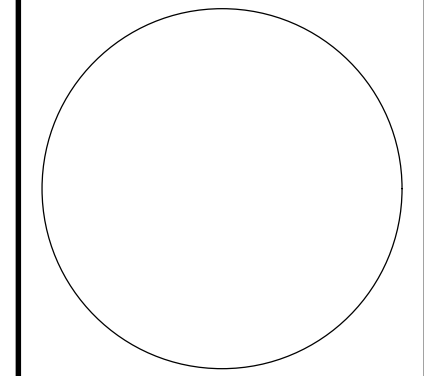
- PROVIDE MOISTURE RESISTANT GUB AT RESTROOMS & CONCRETE BACKER BOARDS BEHIND WALL TILE.
- PROVIDE SOLID WOOD BLOCKING TO SECURE TOWEL BARS, SOAP DISHES, GRAB BARS, PAPER DISPENSERS, SWING DOWN TUB SEATS, ETC.
- PROVIDE SURFACE MOUNTED MIRRORS IN ALL BATHROOMS. WALL MOUNTED SINKS SHALL HAVE 24" WIDE X 36" HIGH MIRRORS.
- PROVIDE TWO ROBE HOOK MOUNTED TO THE INSIDE SURFACE OF THE BATHROOM DOORS AT 48" AFF. (MAX.).
- G.C. TO PROVIDE SHOP DRAWINGS FOR ALL BATHROOM CABINETRY FOR ARCHITECT'S REVIEW & APPROVAL. DIMENSIONS TO BE
- PROVIDE HANDICAP ACCESSIBLE PLUMBING FIXTURES.
- PROVIDE METAL SCHLUTER STRIPS AT ALL TRANSITIONS BETWEEN DISSIMILAR FLOORING MATERIALS.
- BLOCKING TO BE PROVIDED AT ALL REQUIRED GRAB BAR LOCATIONS.
- CONTRACTOR SHALL REVIEW AND CONFIRM ALL BATHROOM LAYOUTS. INTERIOR ELEVATIONS ARE DRAWN TO SHOW

VERIFIED ON SITE(AFTER INSTALLATION OF GUB) BEFORE PREPARATION OF SHOP DRAWINGS. COORDINATE KITCHEN CABINETRY & APPLIANCES PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF ANY DISCREPANCIES OR ALTERATIONS.

ACCESSIBILITY CLEARANCES. CONTRACTOR SHALL NOTIFY ARCHITECT IF CONFLICTS OCCUR PRIOR TO FRAMING.



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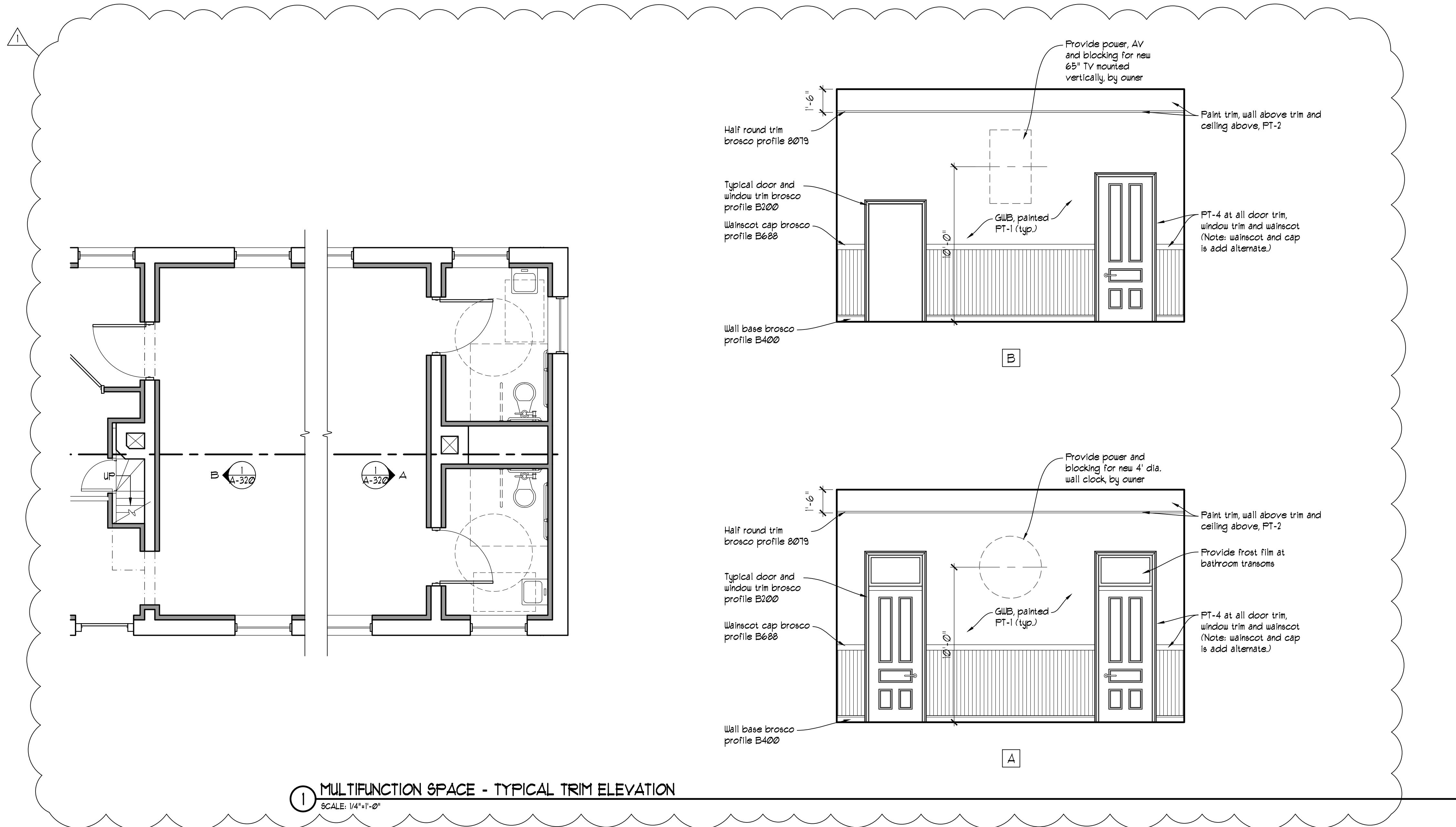
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Main Street, Windsor Locks, CT
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1 ASI 15 1/23/25

Interior
Elevations

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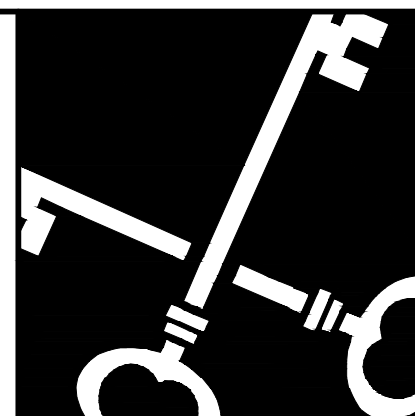
1 MULTIFUNCTION SPACE - TYPICAL TRIM ELEVATION
SCALE: 1/4"=1'-0"

PUBLIC TOILET ACCESSORY SCHEDULE

NO.	MANUFACTURER	DESCRIPTION
PTA-1	BOBRICK MO. PB-5806	36" Grab bar, stainless finish See elevations.
PTA-2	BOBRICK MO. PB-6806	42" Grab bar, stainless finish See elevations.
PTA-3	BOBRICK MO. PB-4998	30" Swing Up Grab bar, stainless finish See elevations.
PTA-4	BOBRICK MO. PB-6806	18" Vertical Grab bar, stainless finish See elevations.
PTA-5	BOBRICK MO. PB-4288	Surface-mounted toilet tissue dispenser
PTA-6	MIRROR	24" X 36" Mirror at Wall hung sink
PTA-7	BOBRICK MO. PB16111	Single coat hook, stainless finish
PTA-8	SEE PLUMBING DRAWINGS	Wall-mounted ada compliant sink, white
PTA-9	SEE PLUMBING DRAWINGS	Single-hole touchless faucet
PTA-10	SEE PLUMBING DRAWINGS	Floor-mounted ada compliant toilet
PTA-11	BOBRICK MO. PB-3949	Surface-mounted paper towel dispenser/waste receptacle
PTA-12	BOBRICK MO. PB-4112	Surface-mounted manual liquid soap dispenser

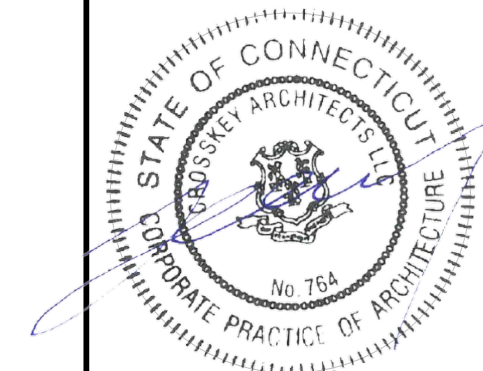
BATHROOM NOTES

- PROVIDE MOISTURE RESISTANT GWB AT RESTROOMS & CONCRETE BACKER BOARDS BEHIND WALL TILE.
 - PROVIDE SOLID WOOD BLOCKING TO SECURE TOWEL BARS, SOAP DISHES, GRAB BARS, PAPER DISPENSERS, SWING DOWN TUB SEATS, ETC.
 - PROVIDE SURFACE MOUNTED MIRRORS IN ALL BATHROOMS. WALL MOUNTED SINKS SHALL HAVE 24" WIDE X 36" HIGH MIRRORS.
 - PROVIDE TWO ROBE HOOK MOUNTED TO THE INSIDE SURFACE OF THE BATHROOM DOORS AT 48" AFF. (MAX.).
 - G.C. TO PROVIDE SHOP DRAWINGS FOR ALL BATHROOM CABINETRY FOR ARCHITECT'S REVIEW & APPROVAL. DIMENSIONS TO BE
- VERIFIED ON SITE(AFTER INSTALLATION OF GWB) BEFORE PREPARATION OF SHOP DRAWINGS. COORDINATE KITCHEN CABINETRY & APPLIANCES PRIOR TO CONSTRUCTION. NOTIFY ARCHITECT OF ANY DISCREPANCIES OR ALTERATIONS.
 - PROVIDE HANDICAP ACCESSIBLE PLUMBING FIXTURES.
 - PROVIDE METAL SCHLUTER STRIPS AT ALL TRANSITIONS BETWEEN DISSIMILAR FLOORING MATERIALS.
 - BLOCKING TO BE PROVIDED AT ALL REQUIRED GRAB BAR LOCATIONS.
 - CONTRACTOR SHALL REVIEW AND CONFIRM ALL BATHROOM LAYOUTS. INTERIOR ELEVATIONS ARE DRAWN TO SHOW
- ACCESSIBILITY CLEARANCES. CONTRACTOR SHALL NOTIFY ARCHITECT IF CONFLICTS OCCUR PRIOR TO FRAMING.



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Windsor Locks Passenger Station

Main Street, Windsor Locks, CT

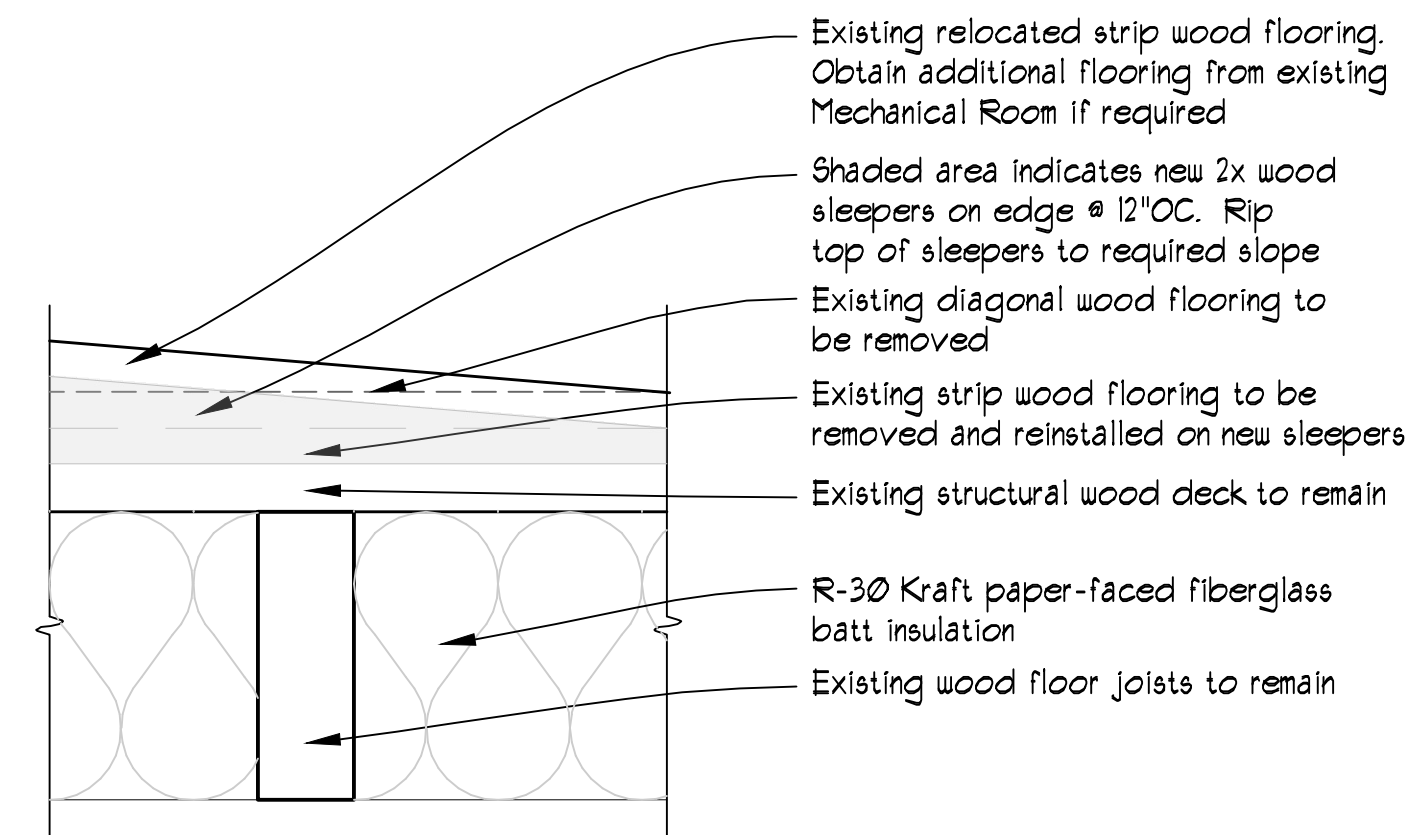
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Construction
Assemblies

A-501

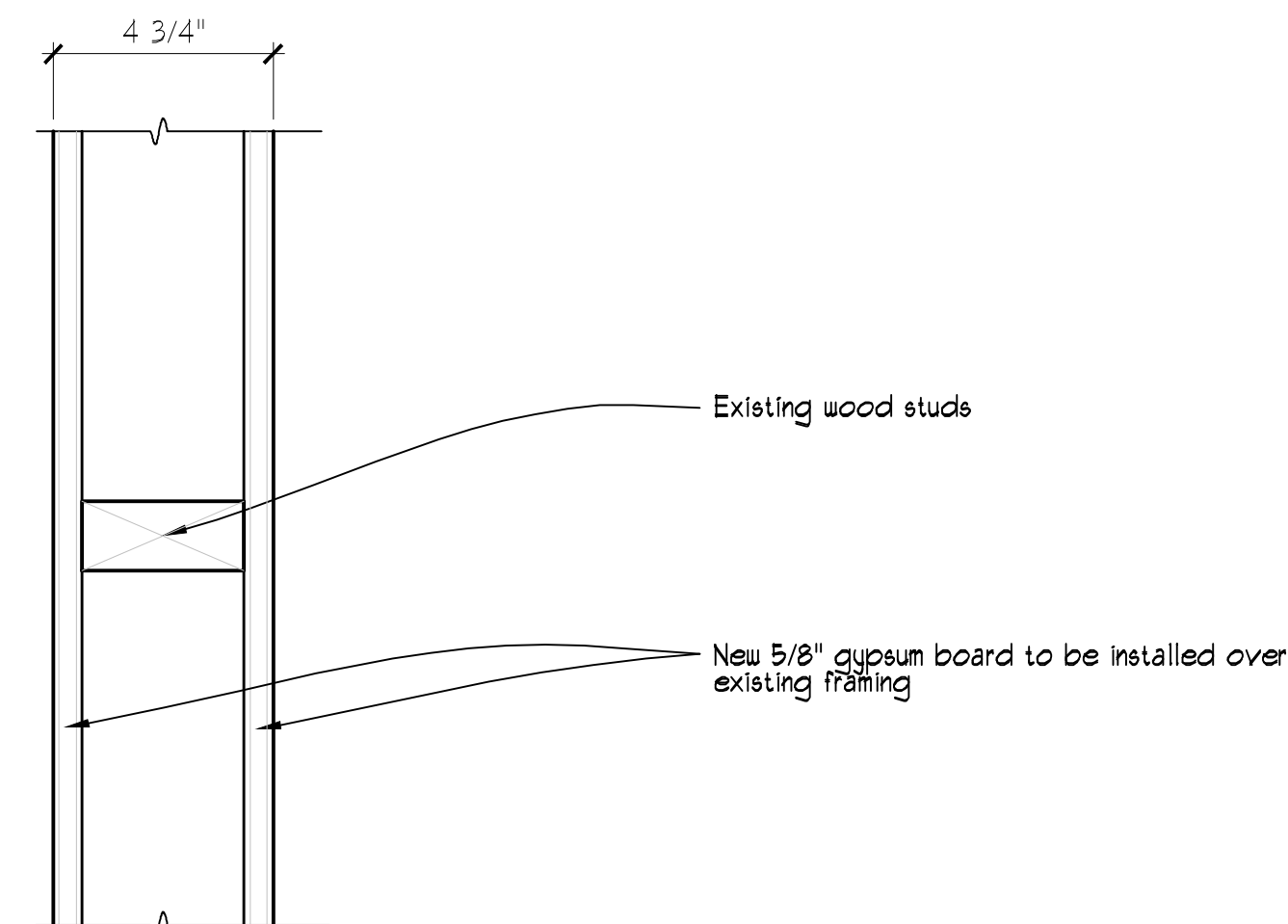
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FIRST FLOOR @ CORRIDOR

SCALE: 3"=1'-0"

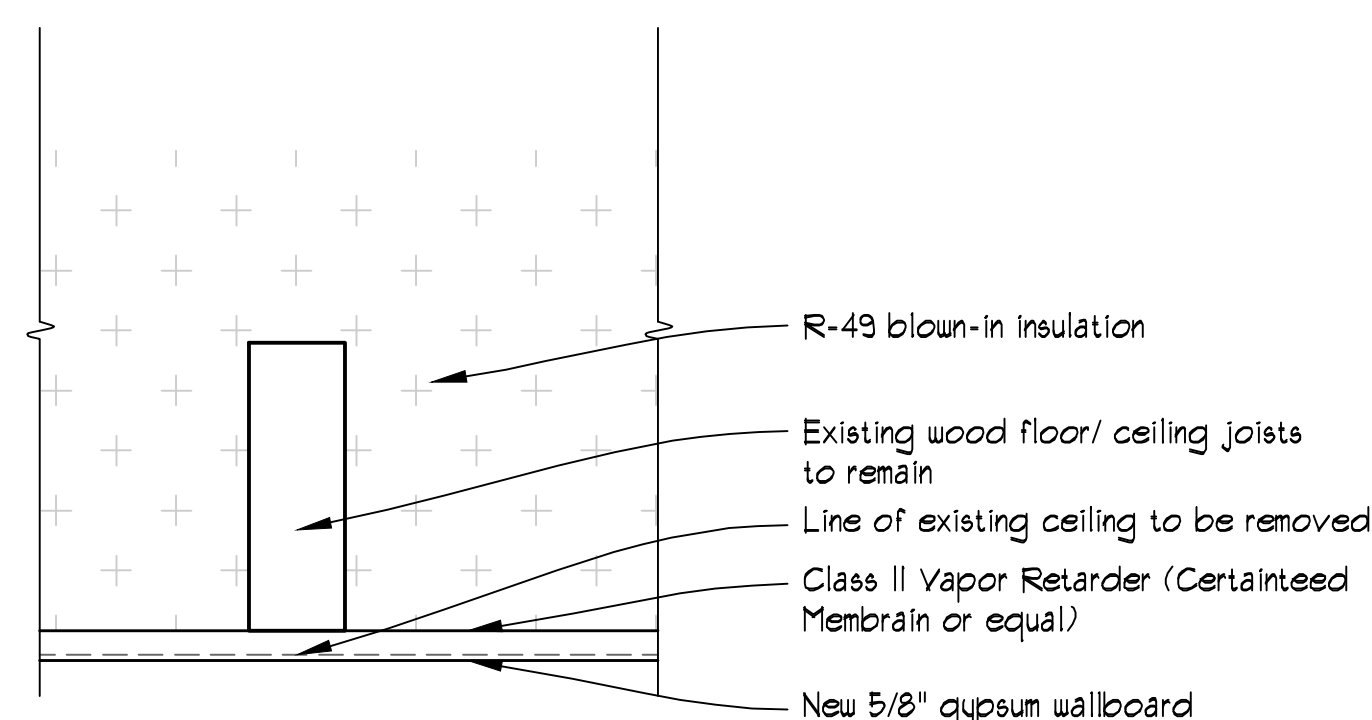
F3



TYPICAL UNRATED WALL

SCALE: 3"=1'-0"

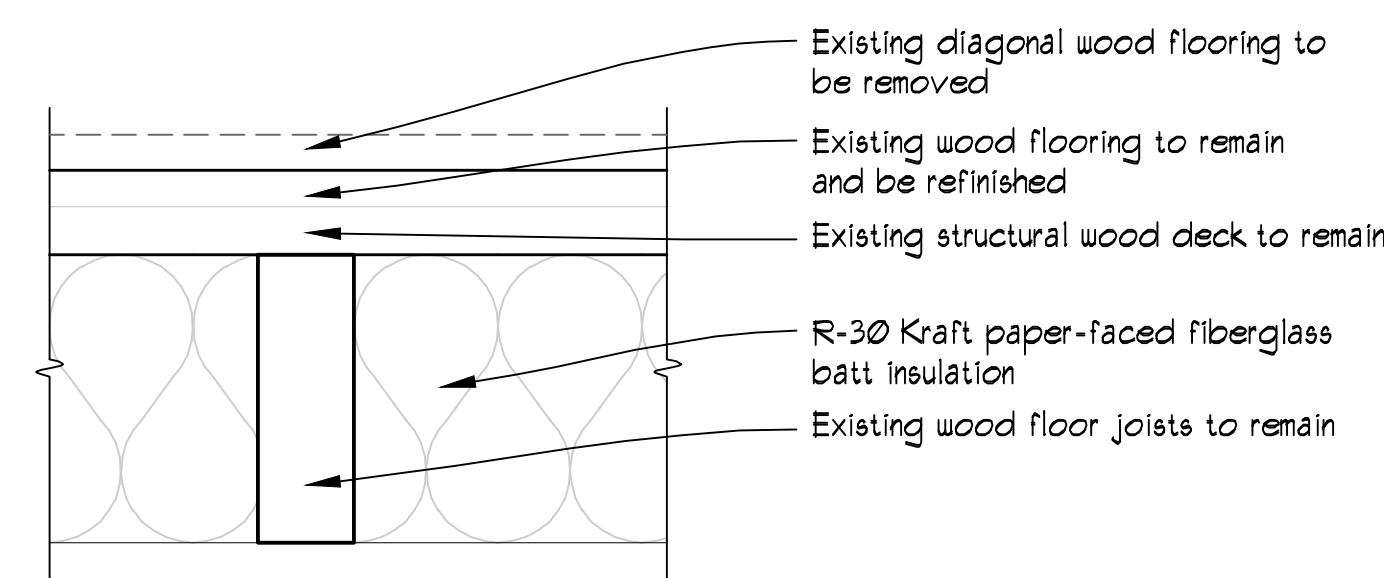
C3



ATTIC FLOOR/ FIRST FLOOR CEILING

SCALE: 3"=1'-0"

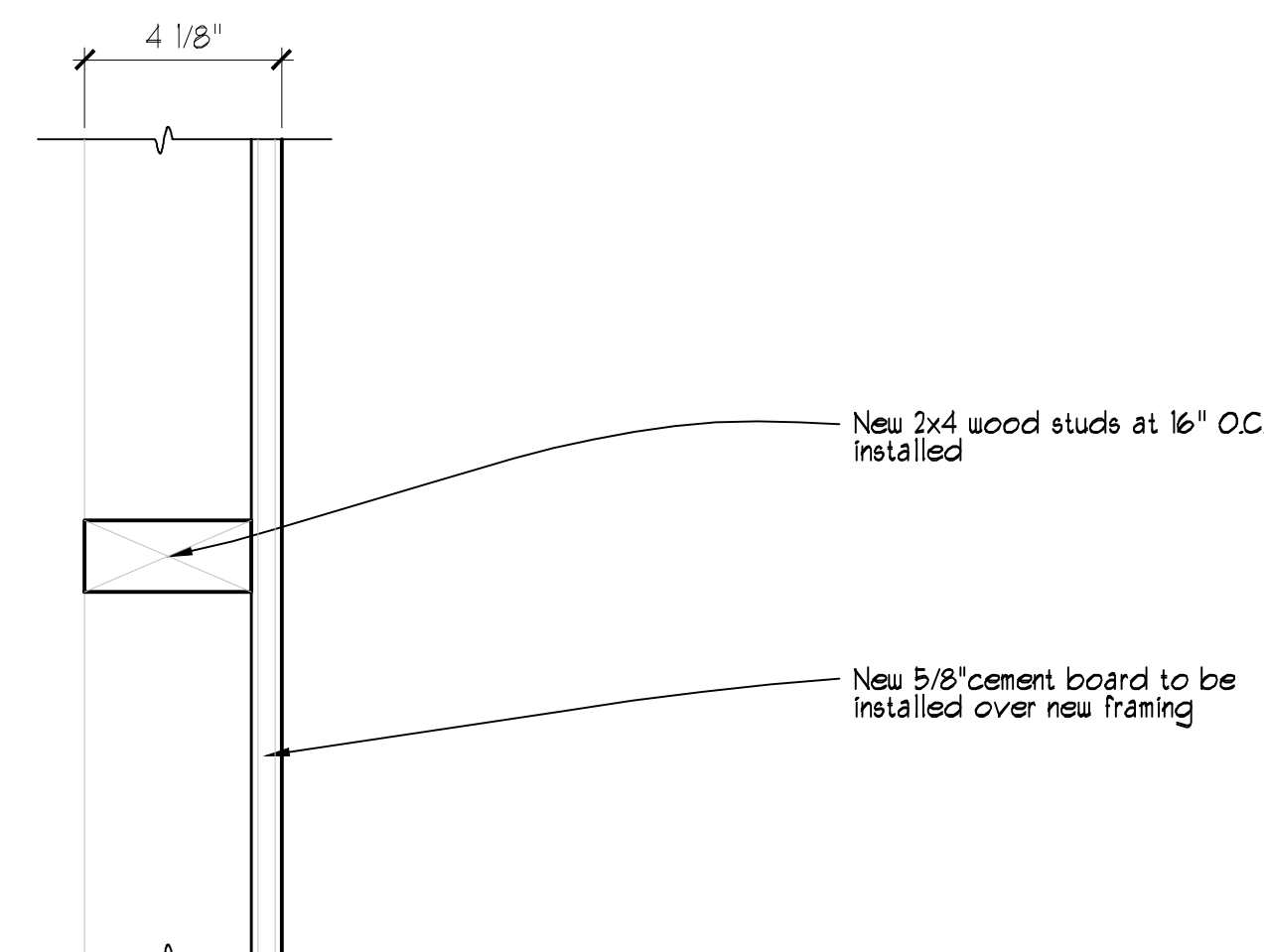
F5



FIRST FLOOR @ MECHANICAL AND
MULTI-FUNCTION SPACES

SCALE: 3"=1'-0"

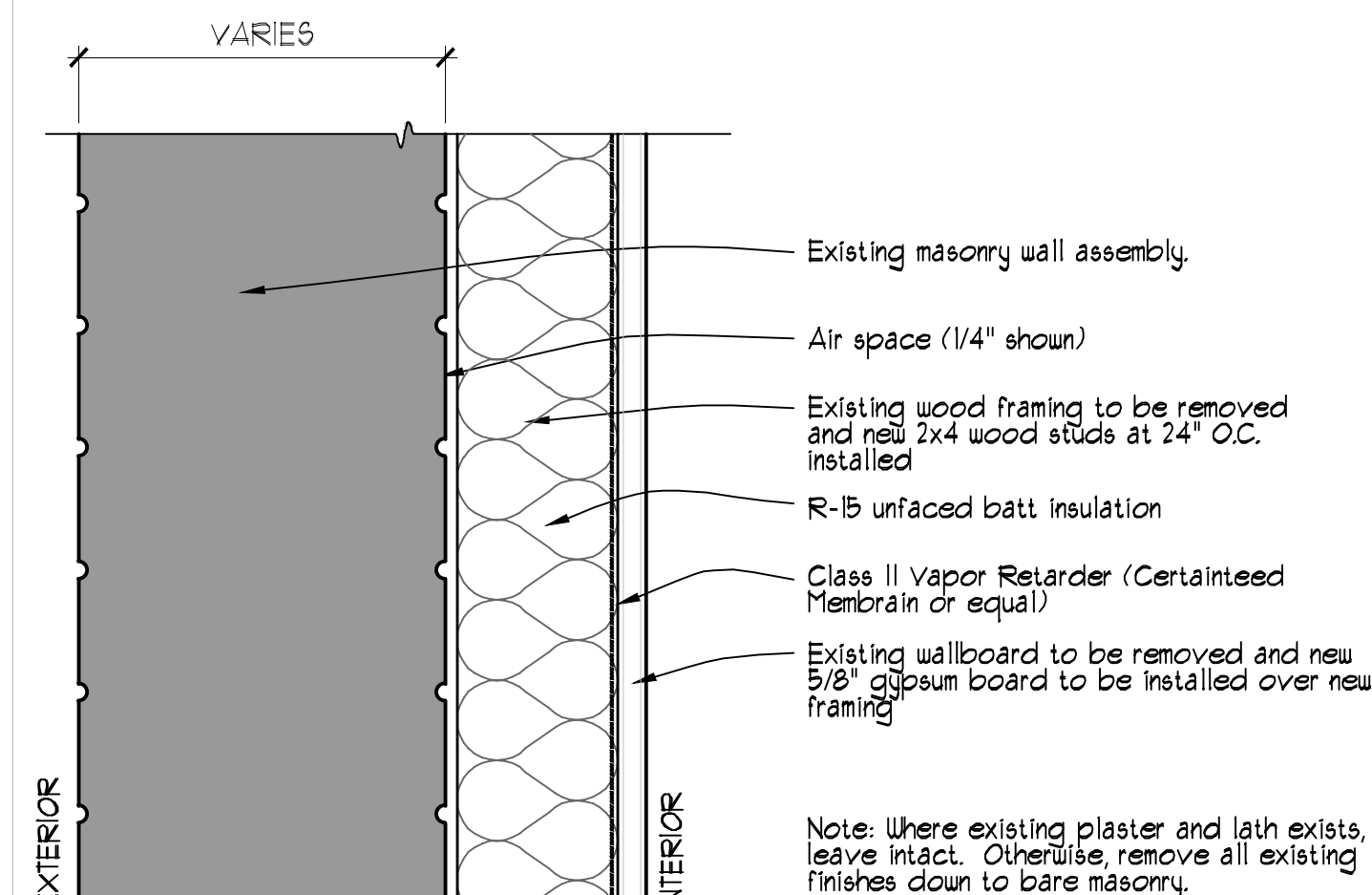
F2



NEW UNRATED CHASE WALL

SCALE: 3"=1'-0"

C2

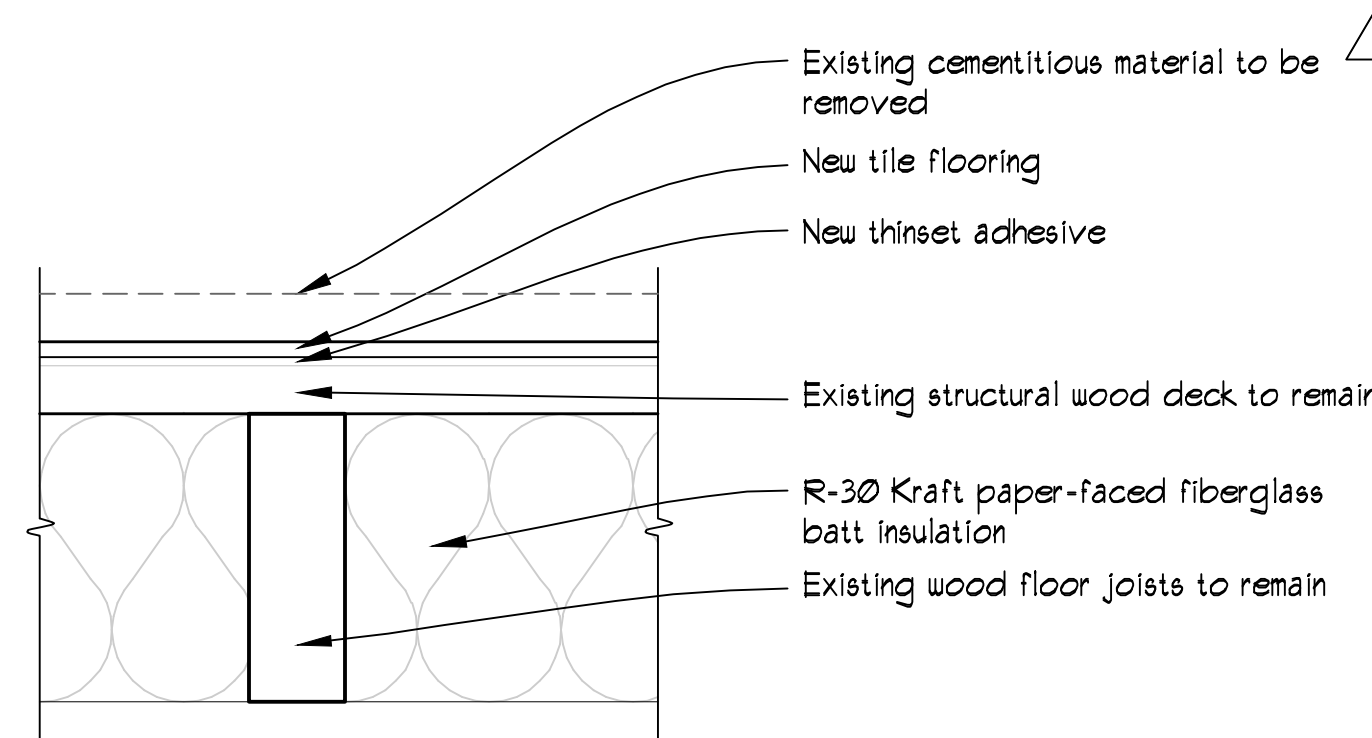


FURRED EXIST. EXT. MASONRY WALL

SCALE: 3"=1'-0"

A2

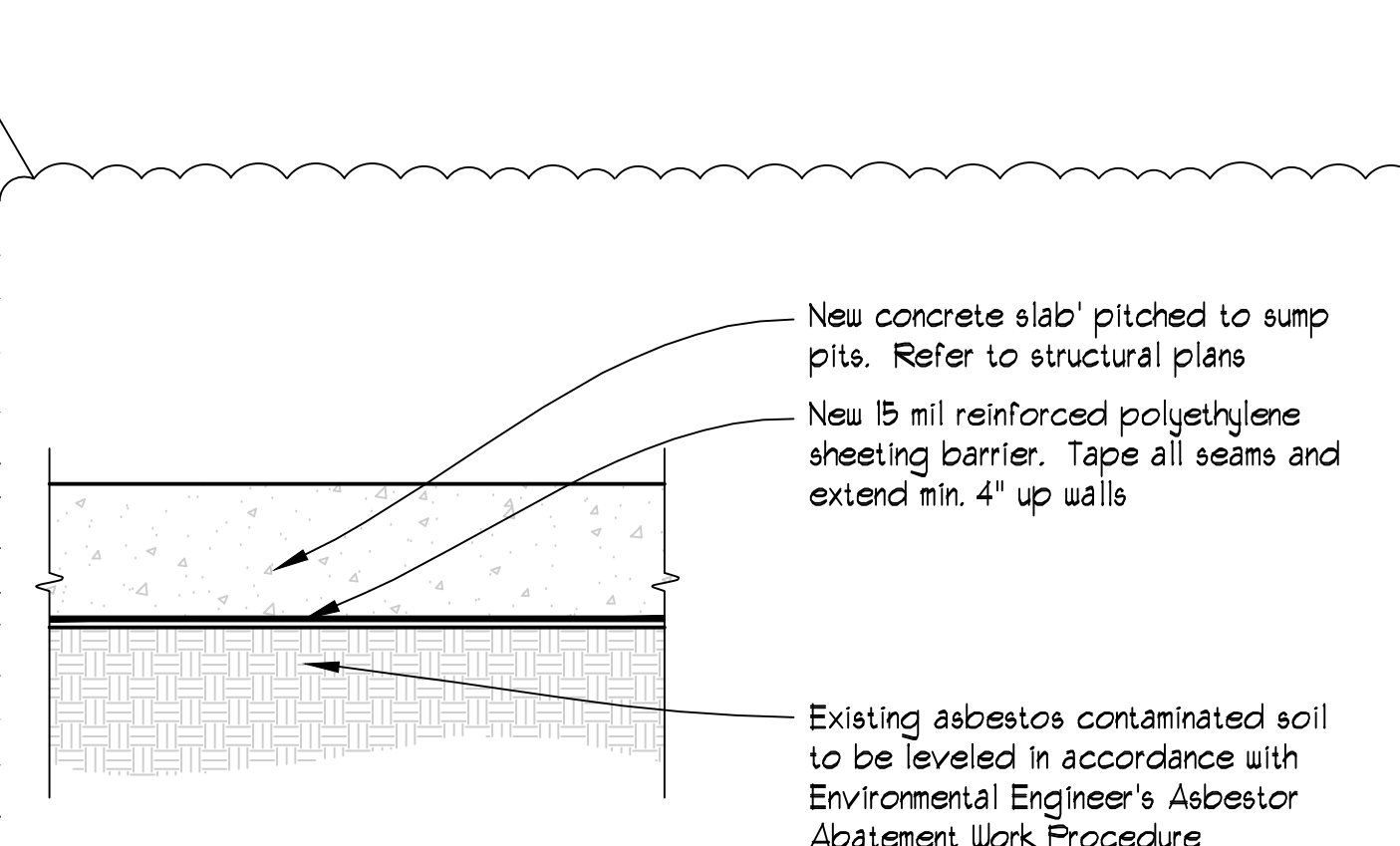
A2a



FIRST FLOOR @ TOILETS

SCALE: 3"=1'-0"

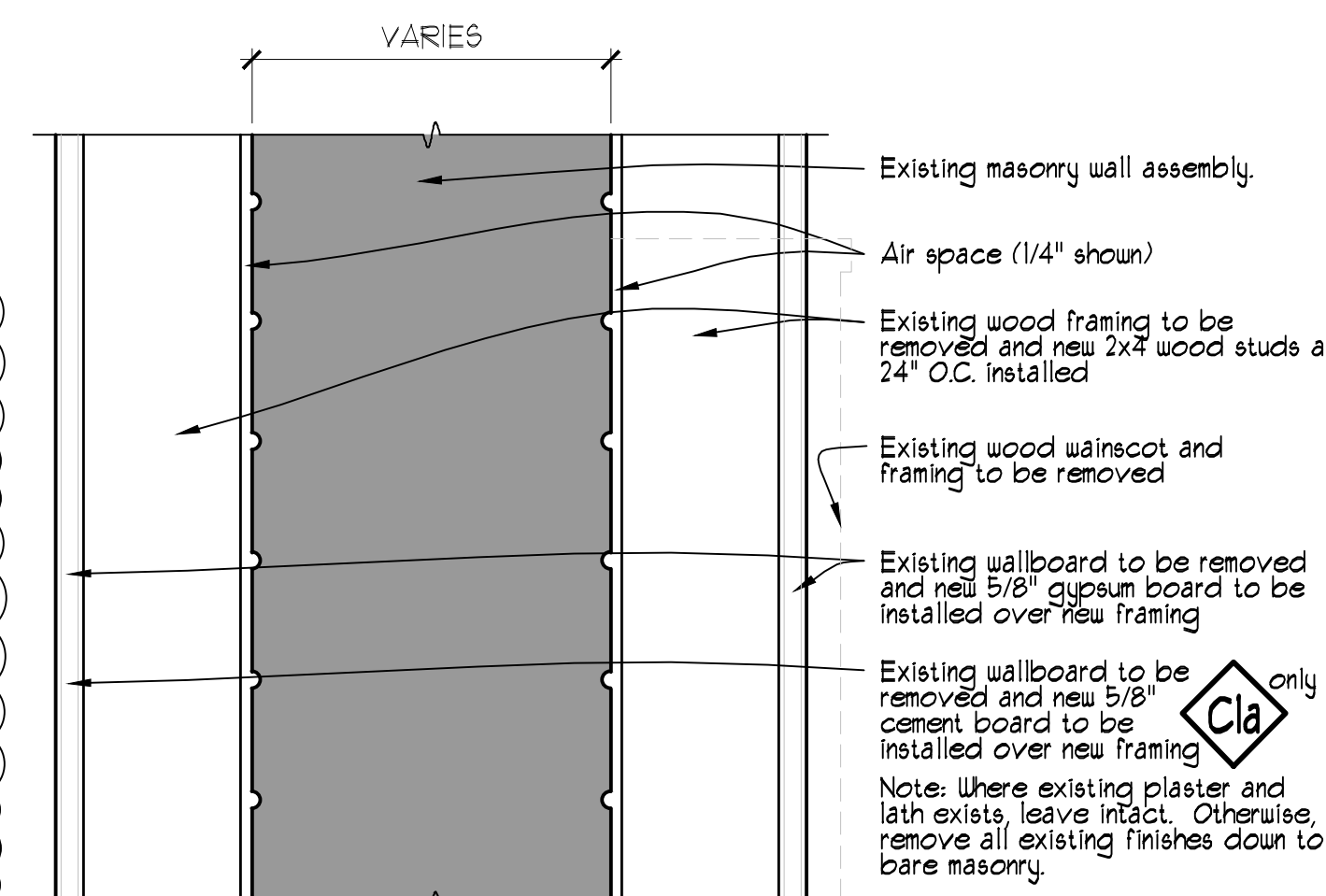
F4



BID ALT #6: BASEMENT FLOOR

SCALE: 3"=1'-0"

F1

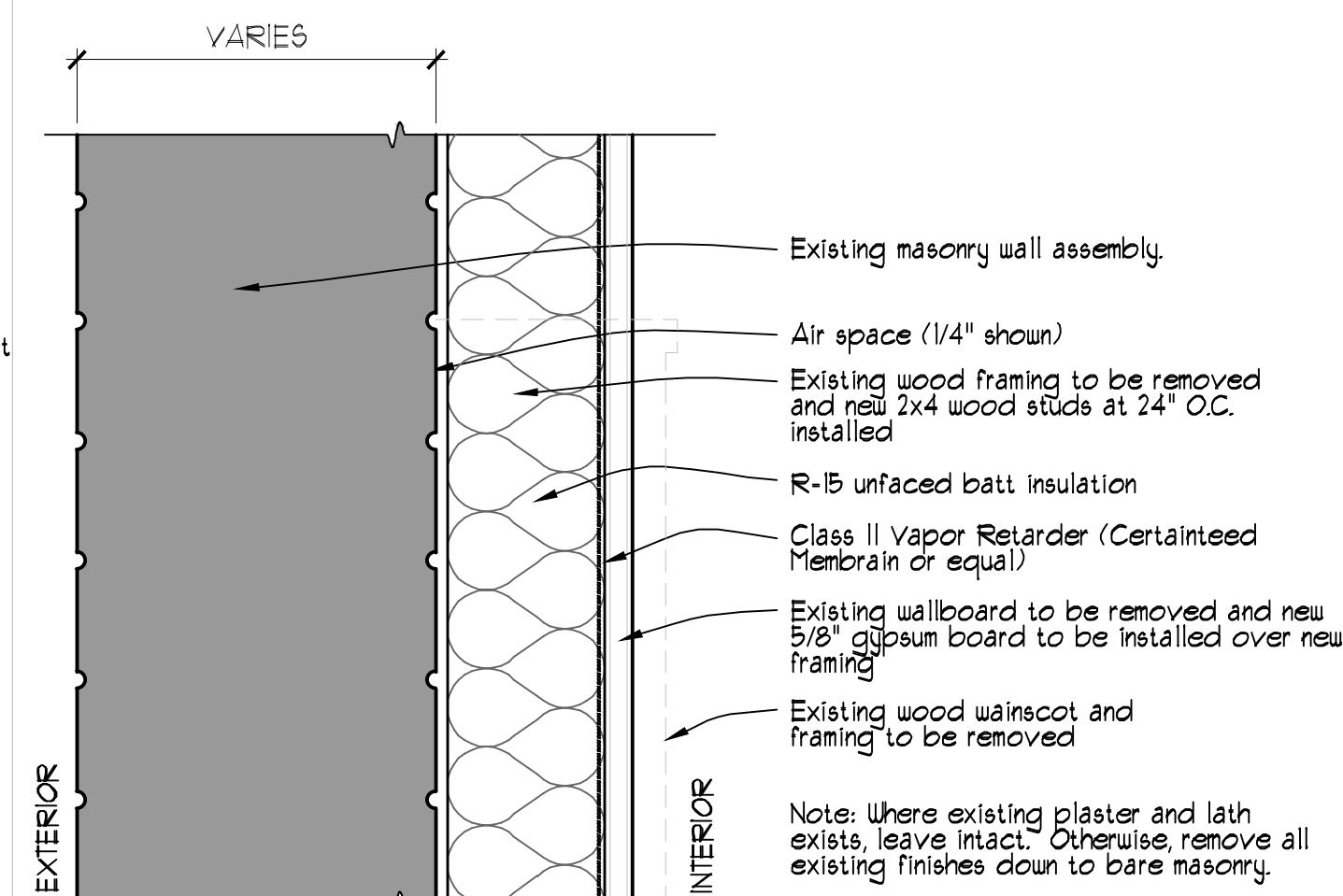


FURRED EXIST. INT. MASONRY WALL

SCALE: 3"=1'-0"

C1

Cl

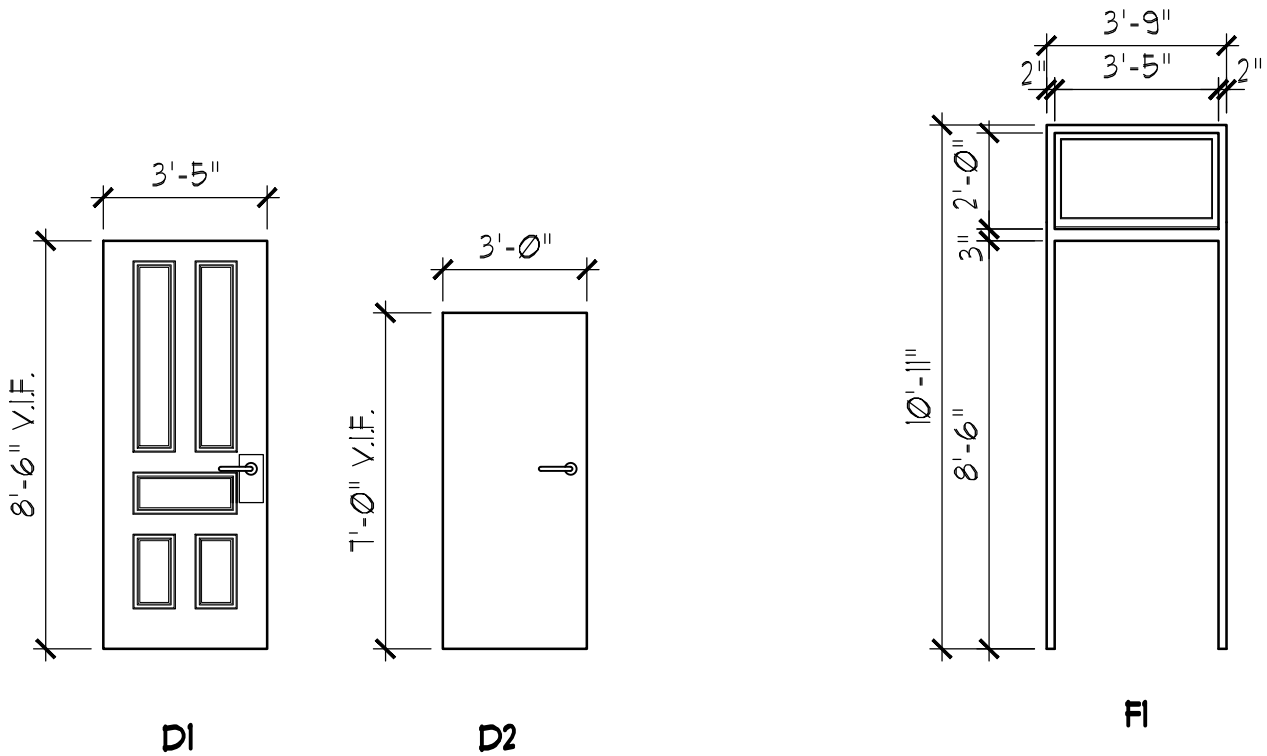


FURRED EXIST. EXT. MASONRY WALL

SCALE: 3"=1'-0"

A1

DOOR SCHEDULE															
DOORS								FRAMES				HARDWARE		REMARKS	
NO.	LOCATION	SIZE	TYPE	MAT.	FIN.	ELEV.	ELEV.	MAT.	FIN.	JAMB	HEAD	SILL	FUNCTION	RATING	NOTES
100	CORRIDOR	3'-5" x 8'-6" x 1 3/4" V.I.F.	--	--	--	--	FI	WD	PT	EXG	EXG	--	--	--	Existing frame and transom to be restored. Refer to restoration notes for more information.
101	FUTURE USE	3'-5" x 8'-6" x 1 3/4" V.I.F.	SWING	WD	PT	D1	FI	WD	PT	EXG	EXG	--	STOREROOM	--	Existing frame and transom to be restored with new door. Refer to restoration notes for more information.
103	WOMEN	3'-5" x 8'-6" x 1 3/4" V.I.F.	SWING	WD	PT	D1	FI	WD	PT	EXG	EXG	T-1/A-610	PRIVACY	--	Existing frame and transom to be restored with new door. Refer to restoration notes for more information.
104	MEN	3'-5" x 8'-6" x 1 3/4" V.I.F.	SWING	WD	PT	D1	FI	WD	PT	EXG	EXG	T-1/A-610	PRIVACY	--	Existing frame and transom to be restored with new door. Refer to restoration notes for more information.
105	MECHANICAL ROOM	3'-0" x 7'-0" x 1 3/4" V.I.F.	SWING	WD	PT	D2	--	WD	PT	4/A-610	5/A-610	--	STOREROOM	--	
106	ATTIC	VERIFY IN FIELD	SWING	WD	PT	D2	--	WD	PT	4/A-610	5/A-610	--	STOREROOM	--	Provide custom door size to match existing opening



D1
3'-5" x 8'-6" V.I.F.

FI
3'-9" x 10'-11"

RESTORATION NOTES

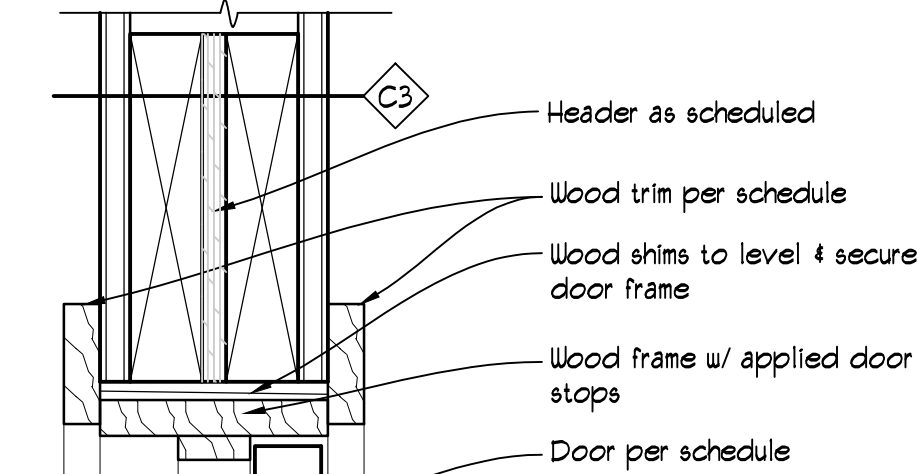
- Restore historic frames and transoms:
- Remove paint from existing frames.
 - Replace burned frame with new to match as needed
 - Extend frame and jambs as needed to accommodate new wall furring.
 - Remove existing door and provide new 5-panel door to match historic.
 - Prime & repaint frames, transoms and doors, see finish legend for colors
 - Remove existing compromised putty from surrounding existing glass
 - Furnish and install new glass in existing sash and re-putty
 - Remove existing compromised putty from surrounding

DOOR SCHEDULE ABBREVIATIONS

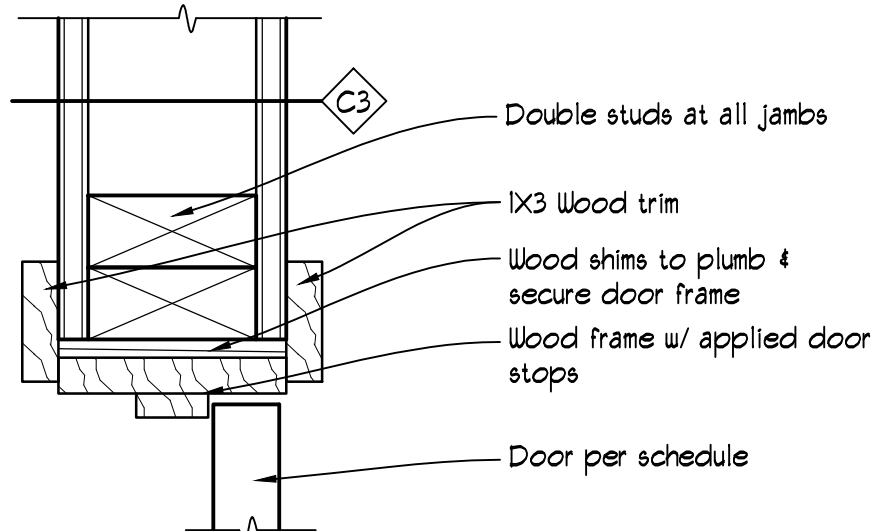
ALF	Aluminum Storefront Frame	HMF	Hollow Metal Frame
ALU	Aluminum	IGHM	Insulated Galvanized Hollow Metal
AL/GL	Aluminum and Glass	IHM	Insulated Hollow Metal
FF	Factory Finish	P.H.	Pre-Hung
FG	Fiberglass	PT	Paint
GHM	Galvanized Hollow Metal	S.C.	Solid Core
H.C.	Hollow Core	ST	Stain
HM	Hollow Metal	WD	Wood

DOOR NOTES

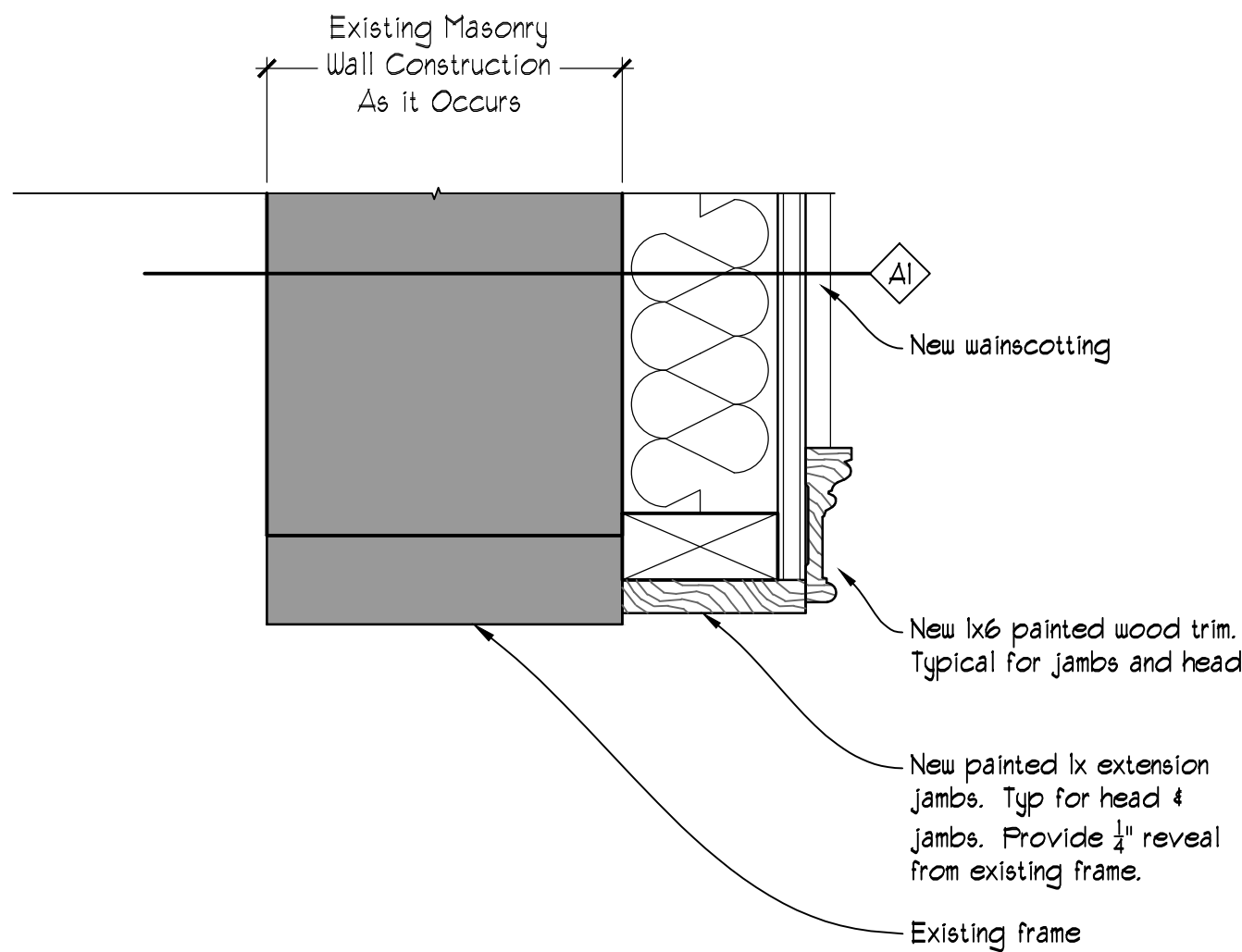
1. Carry \$10,000 allowance for new doors and hardware. Hardware sets to be determined.
2. Field verify all dimensions.
3. All new interior trim and casings at new doors and existing windows/transoms.
4. Style of new doors shall match existing exterior doors. Field verify dimensions and details prior to fabrication.
5. Refer to restoration notes. This shall formulate the base bid. The successful Contractor shall be responsible for removing all coverings, trim, etc. as well as disassembling door frames and sashes as required to complete the work. Once the Contractor has removed all coverings and has gained access to all doors, the Contractor shall perform a survey of the doors and notify the Architect once complete. The restoration scope will then be adjusted via unit prices.
6. Refer to project specifications for hardware set specifications.
7. General Contractor shall review and verify all hardware functions with the Owner prior to submitting on hardware and placing order.
8. All doors scheduled to receive locking hardware shall be supplied with construction cores per Specifications. General Contractor shall be responsible for organizing a keying meeting with their hardware vendor and the Owner. Contractor shall supply and install final cores, and supply final keys per Specifications.
9. All door thresholds shall be handicap accessible with a 1:2 sloped bevel at each edge, UNO.
10. All door latches shall be the lever type for handicap accessibility.
11. Provide tactile signage to read "Exit" on egress side of exit doors.
12. All door operating hardware shall be mounted within 48" above finish floor, (max.).
13. Operating force to open doors shall not exceed five (5) pounds.
14. Coordinate wall assembly thickness at all door frames to determine throat depth.



5 HEAD DETAIL @ MECH. ROOM
SCALE: 3/4"=1'-0"



4 JAMB DETAIL @ MECH. ROOM
SCALE: 3/4"=1'-0"

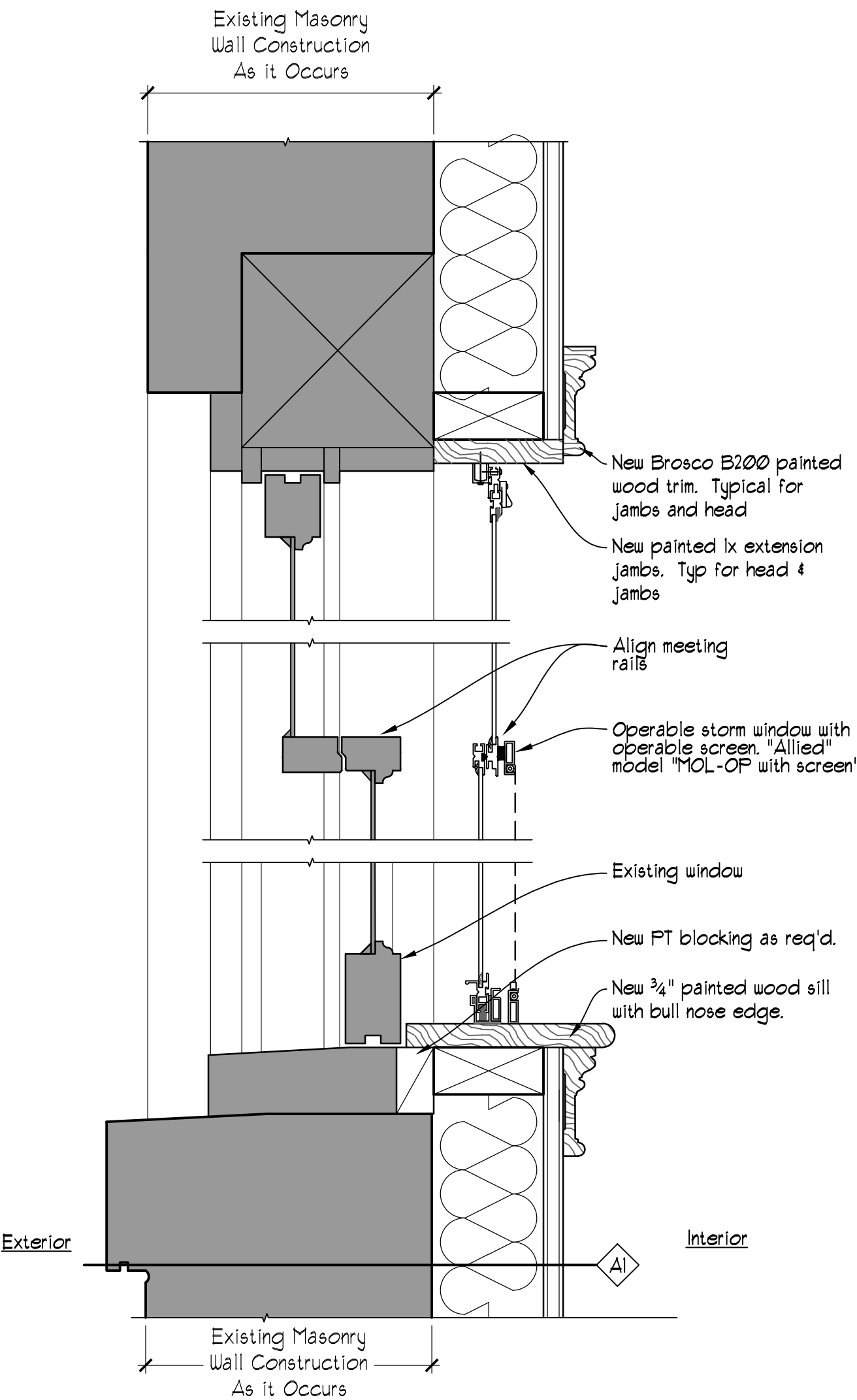


3 TYPICAL DOOR FRAME DETAIL
SCALE: 3/4"=1'-0"

NOTE: This condition occurs in (8) locations on the inside face of the exterior wall. This shall apply to operable doors and affixed doors.

NOTE: New extension jambs and casings shall be caulked to surrounding construction.

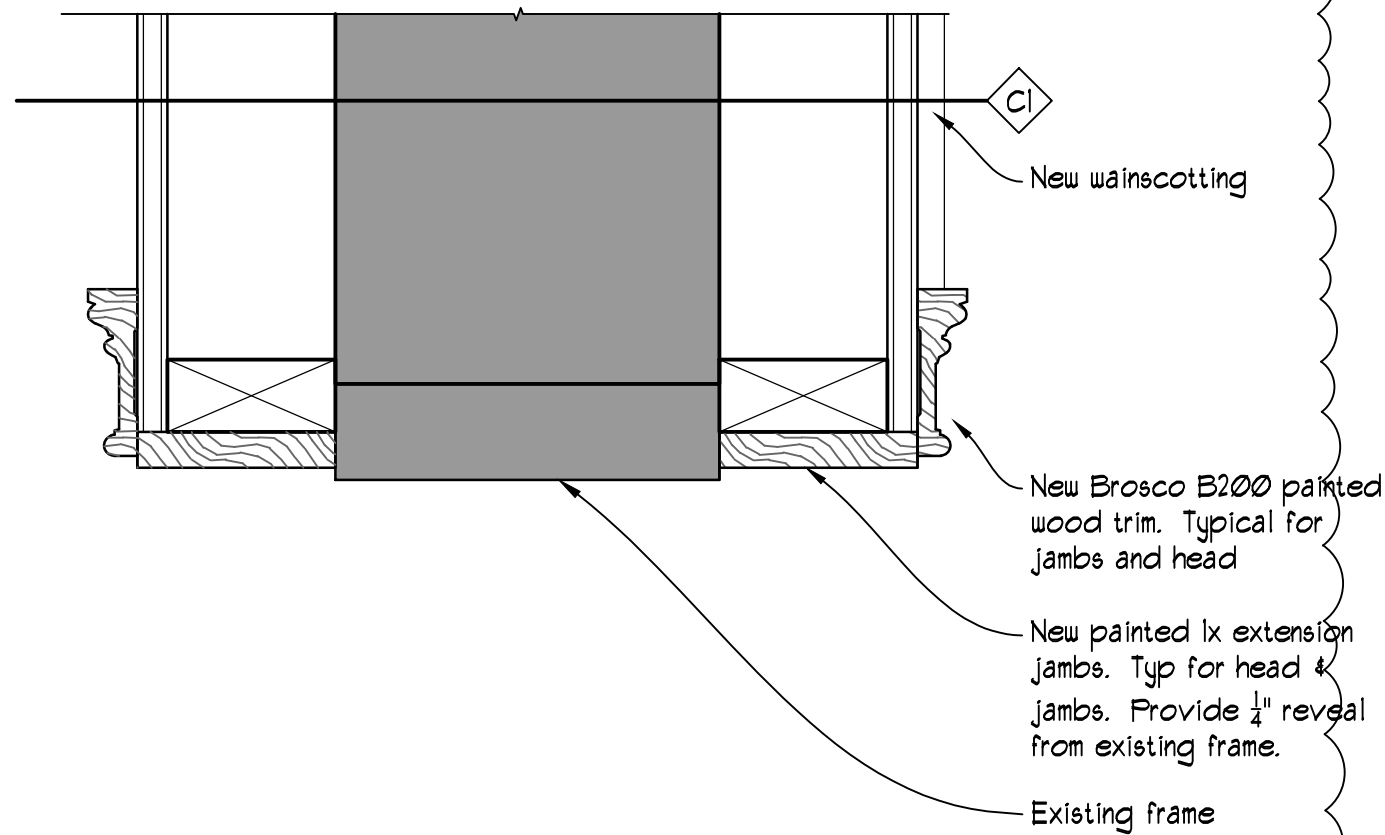
NOTE: Inside face of existing exterior doors shall be painted.



2 TYP. FIRST FLOOR WINDOW DETAIL
SCALE: 3/4"=1'-0"

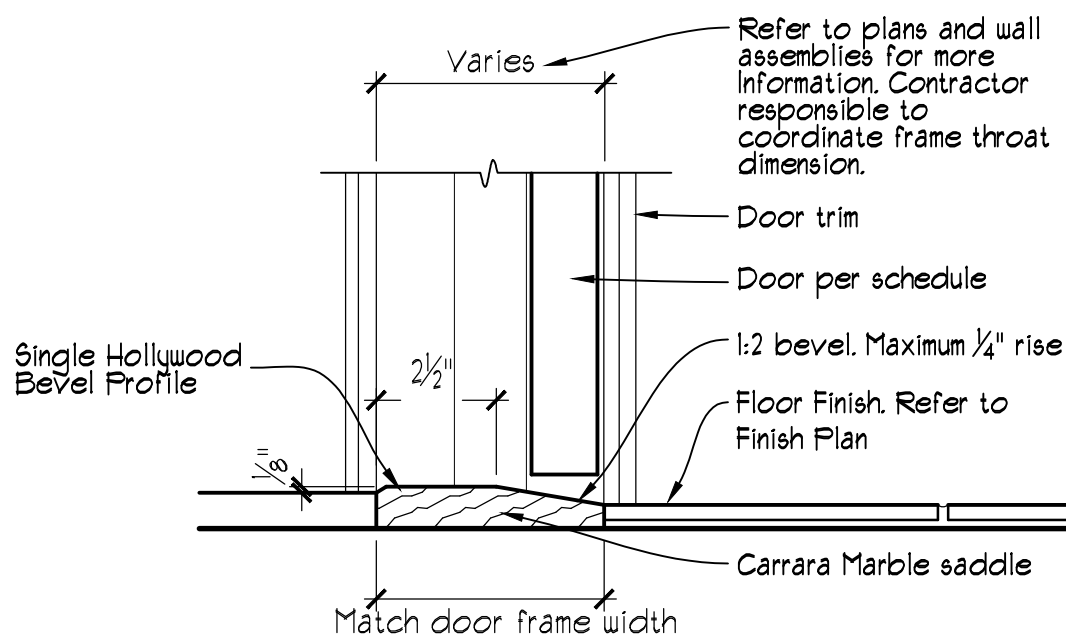
NOTE: New extension jambs, casings, and sill shall be caulked to surrounding construction.

NOTE: Inside face of existing windows shall be painted.

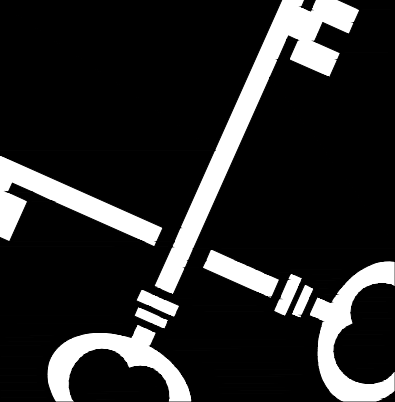


1 TYPICAL DOOR FRAME DETAIL
SCALE: 3/4"=1'-0"

NOTE: This condition occurs in (4) locations inside the building at openings 100, 101, 103 & 104.



T-1 THRESHOLD DETAIL @ BATH
SCALE: 3/4"=1'-0"



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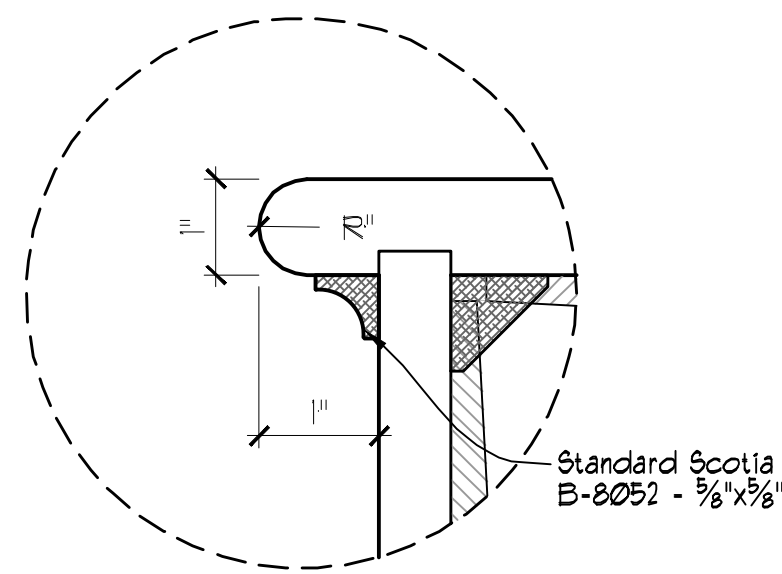
Windsor Locks Passenger Station
Main Street, Windsor Locks, CT

Windsor Locks Economic Commission
50 Church Street, Windsor Locks, CT

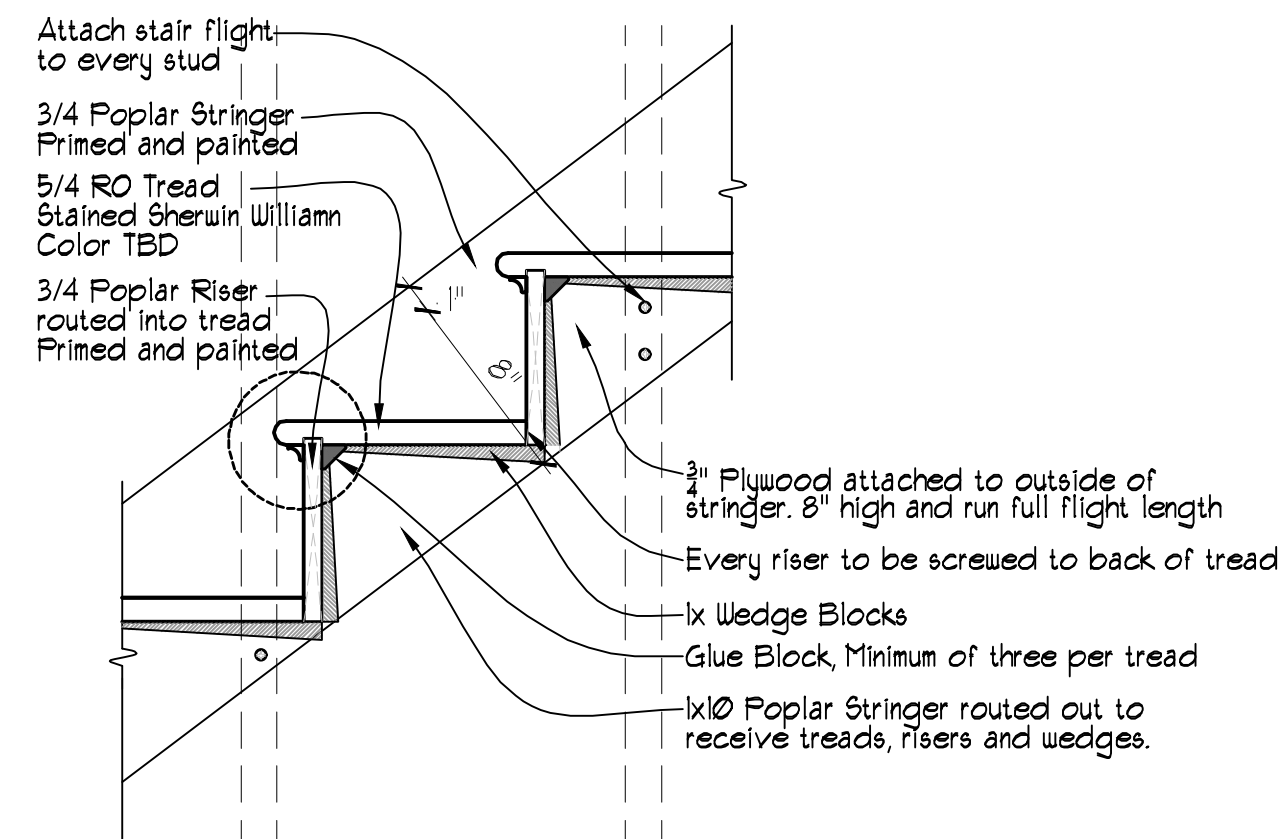
Drawn: TN
Date: January 17, 2025
Revisions
1 Add. 2 1/3/25
3 Add. 105 1/29/25

Door Schedule

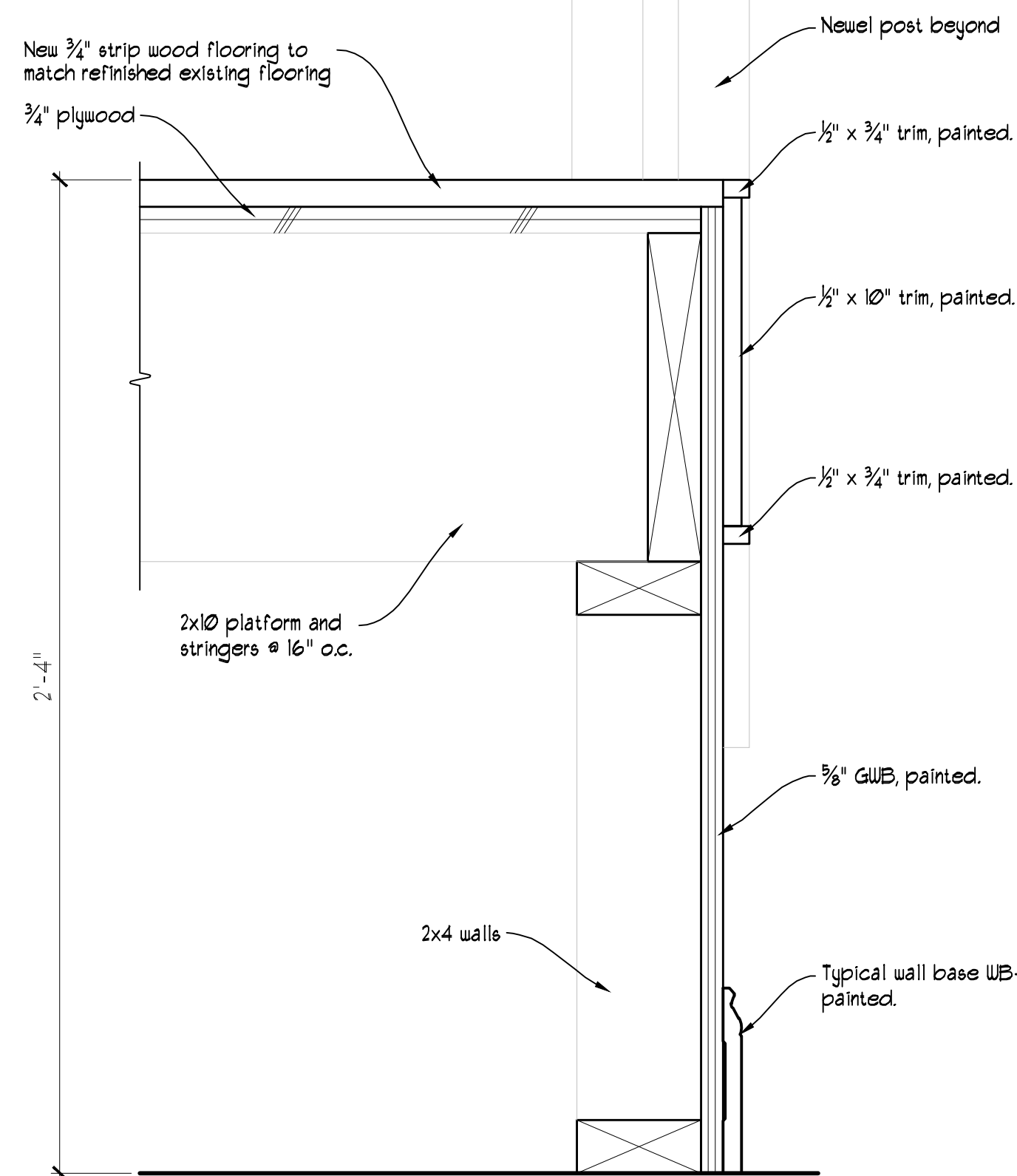
A-610



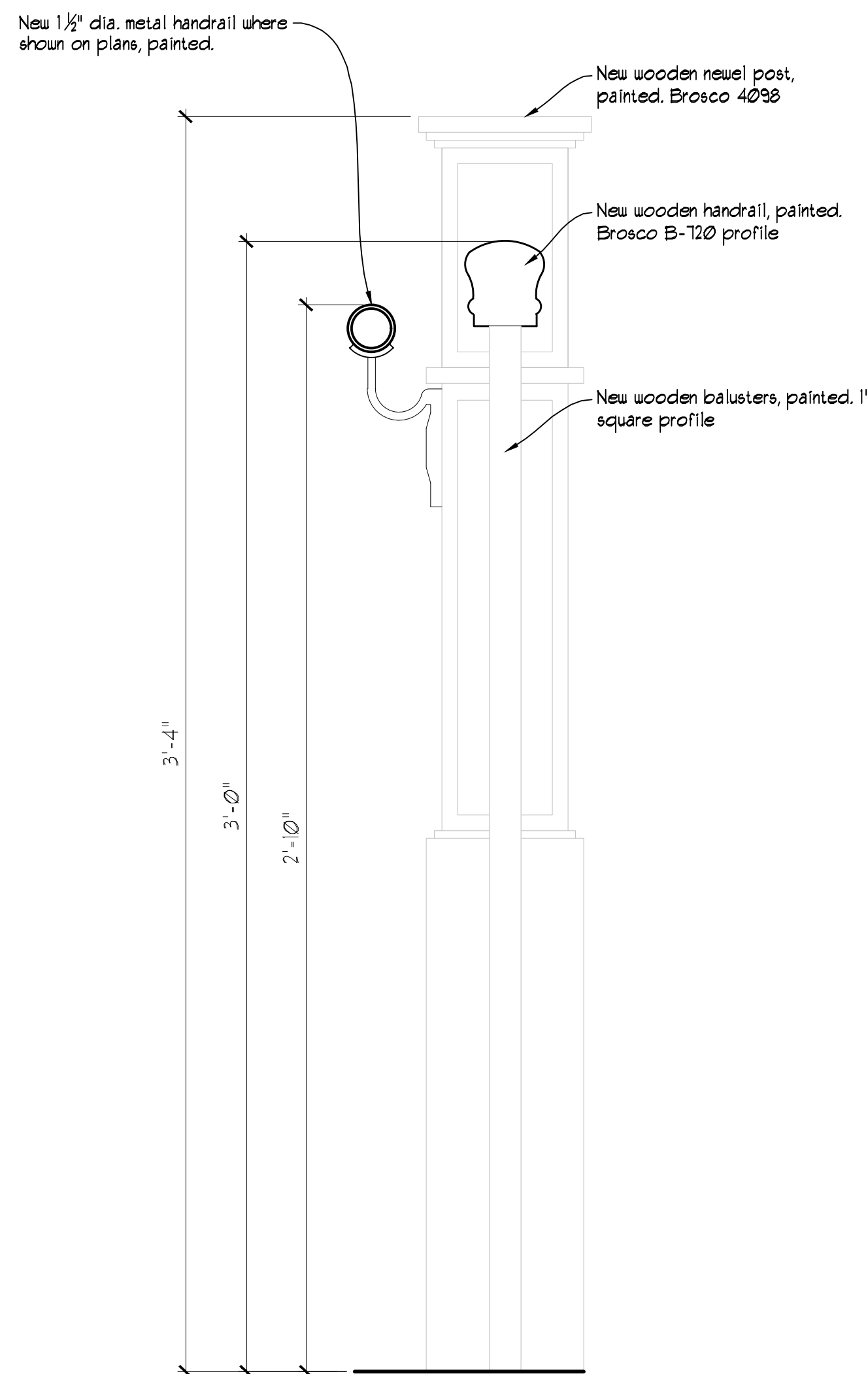
1 NOSING DETAIL
SCALE: 6"=1'-0"



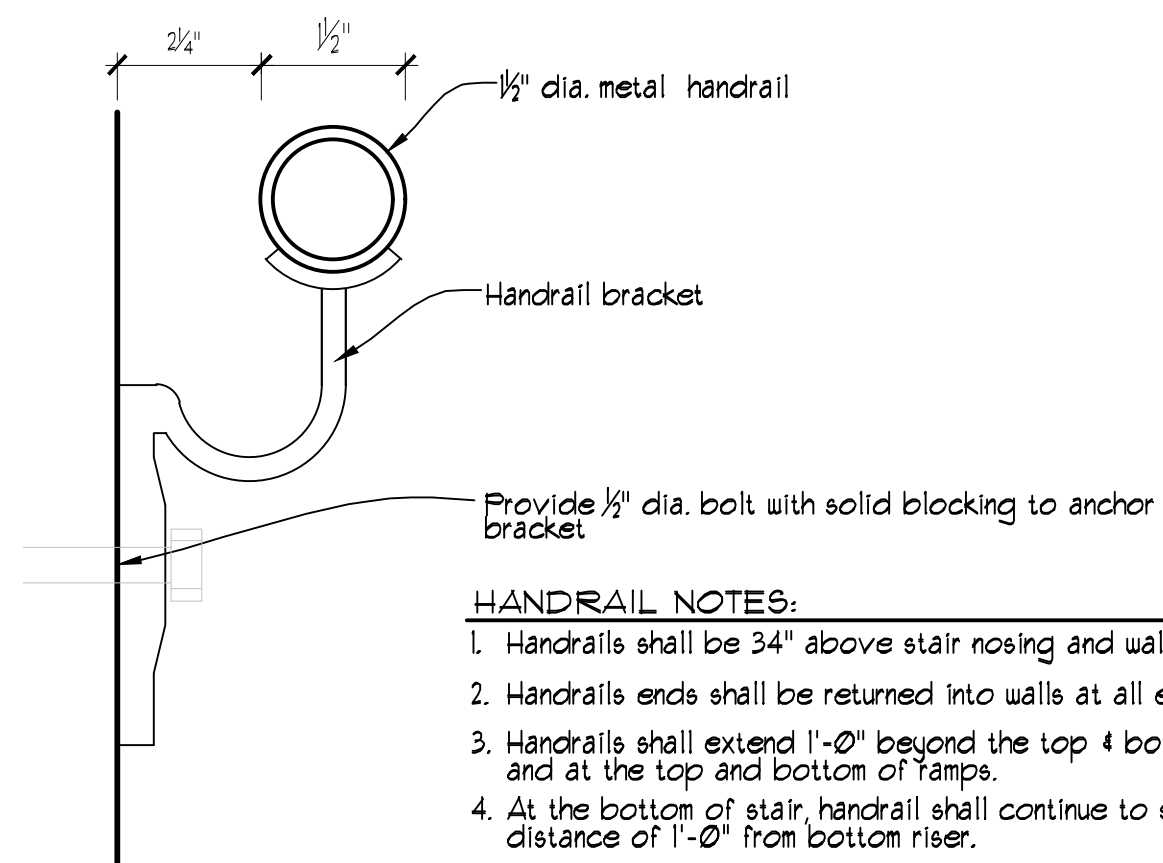
6 STAIR CONSTRUCTION DETAIL - STANDARD NOSING
SCALE: 1 1/2"=1'-0" WITH SCOTIA



5 FRAMING DETAIL
SCALE: 3"=1'-0"

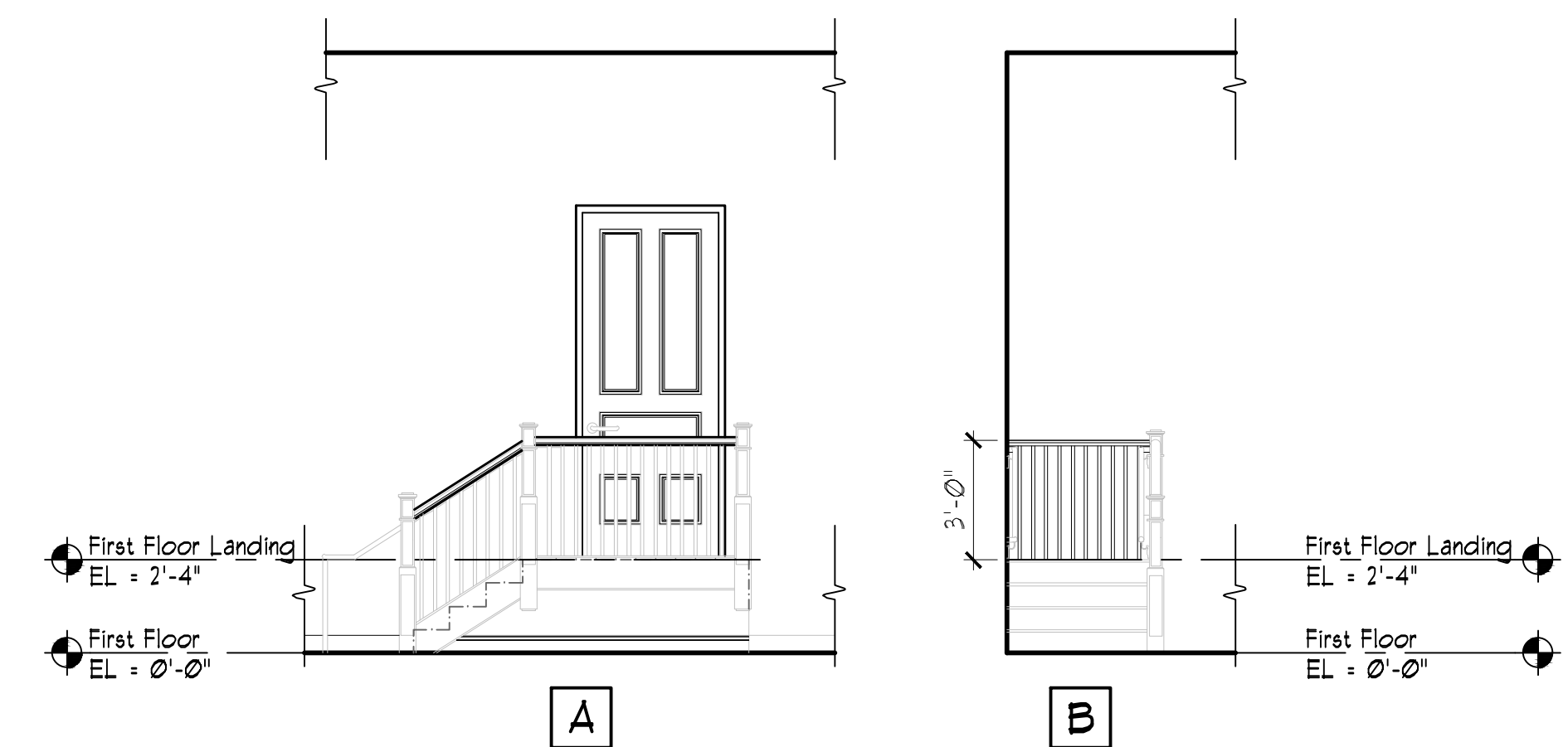


4 GUARDRAIL DETAIL
SCALE: 3"=1'-0"

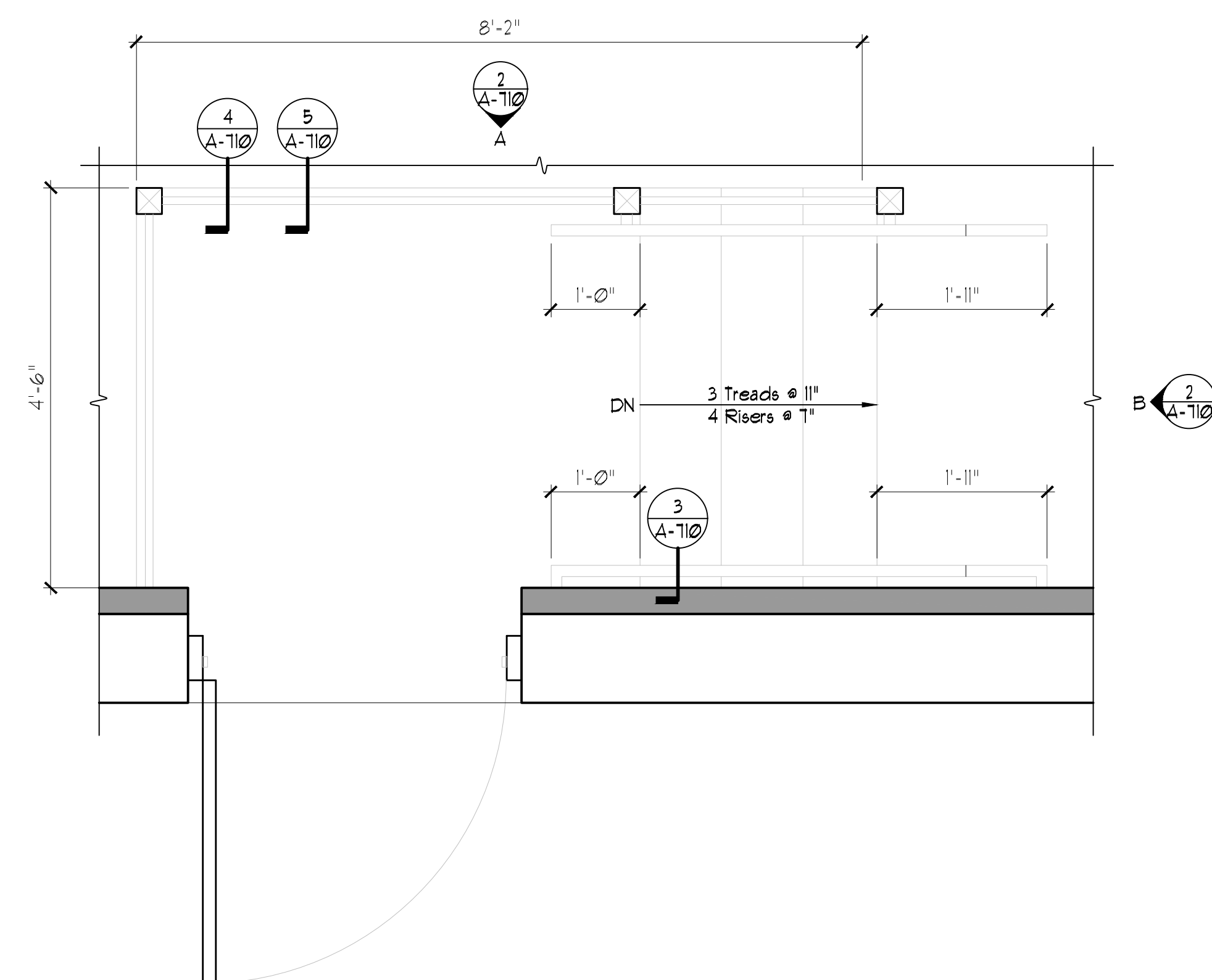


HANDRAIL NOTES:
1. Handrails shall be 34" above stair nosing and walking surfaces.
2. Handrails ends shall be returned into walls at all ends.
3. Handrails shall extend 1'-0" beyond the top 4 bottom risers and at the top and bottom of ramps.
4. At the bottom of stair, handrail shall continue to slope for a distance of 1'-0" from bottom riser.

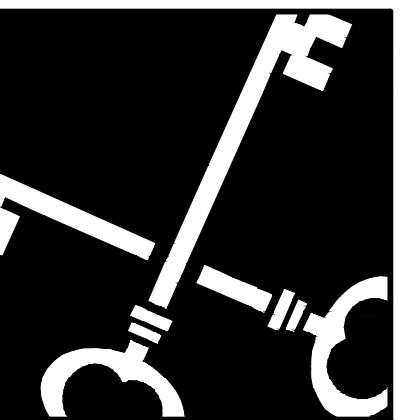
3 HANDRAIL DETAIL
SCALE: 6"=1'-0"



2 STAIR I ELEVATIONS
SCALE: 1/4"=1'-0"

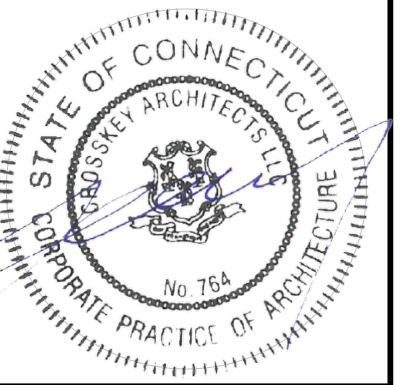


1 STAIR I ENLARGED PLAN
SCALE: 3/4"=1'-0"



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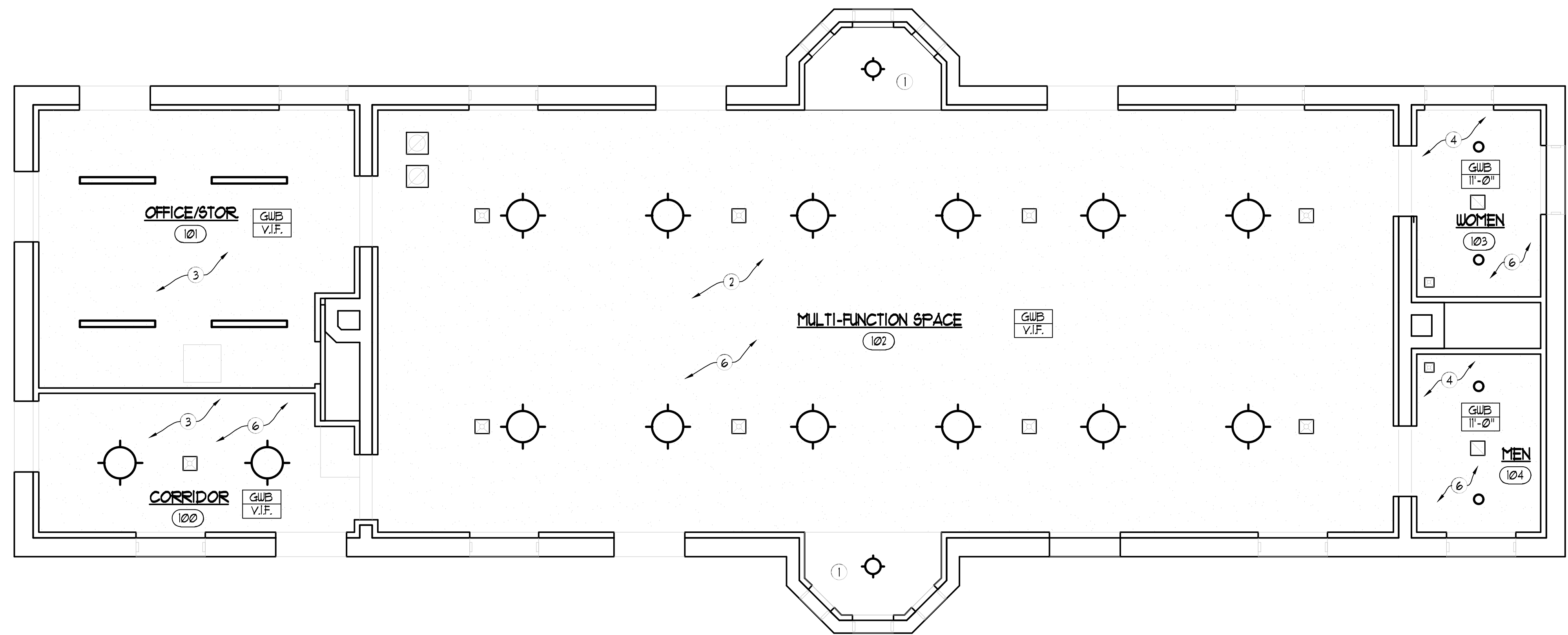
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50 Church Street, Windsor Locks, CT

Drawn: TN
Date: January 17, 2025
Revisions:

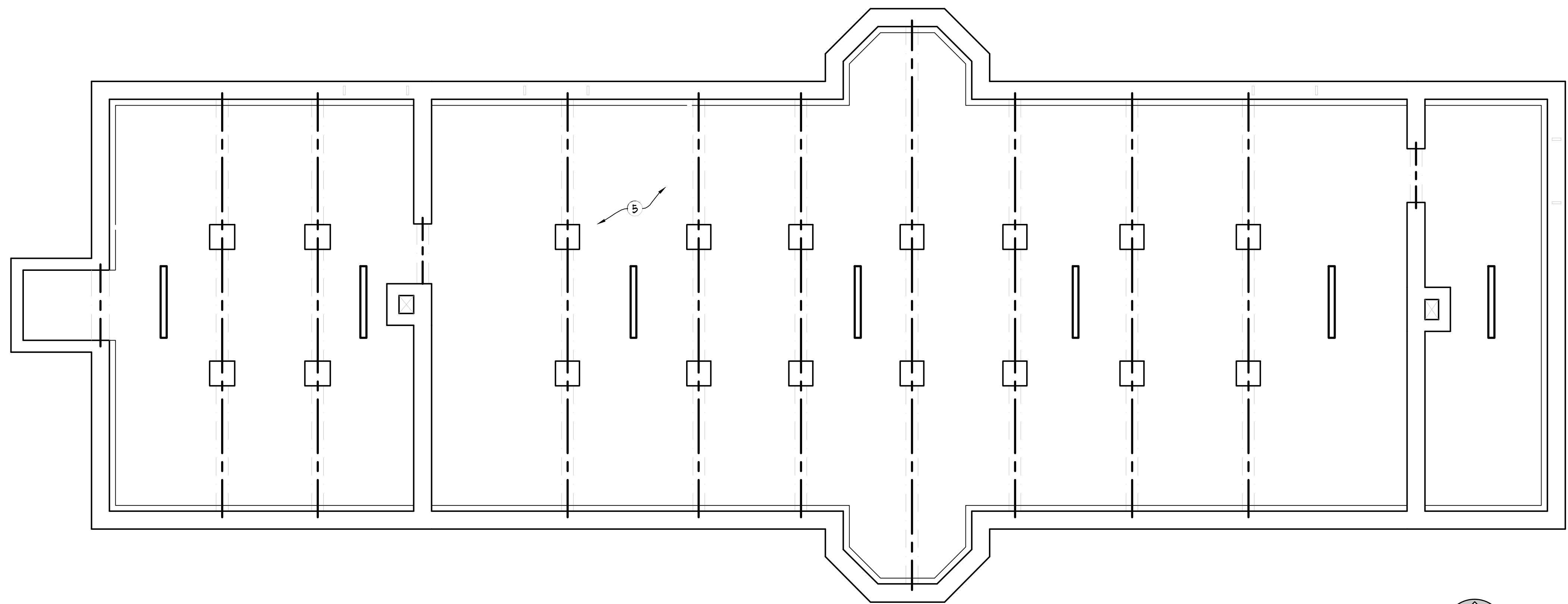
Enlarged Stair
Plans & Details

A-710

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2 FIRST FLOOR REFLECTED CEILING PLAN
SCALE: 1/4"=1'-0"



1 BASEMENT REFLECTED CEILING PLAN
SCALE: 1/4"=1'-0"

SCOPE NOTES:

- Existing plaster ceiling to remain, repair as needed and prep for new painted finish.
- Provide new gwb ceiling at height of existing ceiling joists.
- Provide new gwb ceiling tight to underside of remaining historic ceiling.
- Provide new gwb ceilings at 9' 0" a.f.f. with recessed LED can lights as shown.
- Provide R-30 Kraft paper-faced fiberglass batt insulation between joists, typical throughout basement.
- Registers and grilles shown for location and coordination purposes. Refer to mechanical drawings for more information.

LIGHT FIXTURE SCHEDULE:

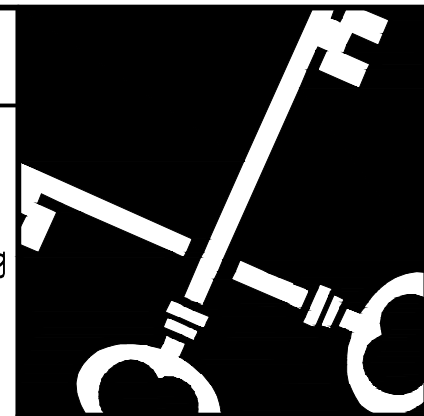
- Scott, Architectural Lighting, S2030 Series, S2032-L24, polished Brass Finish
- Scott, Architectural Lighting, S1010 Series, S1010-L12, polished Brass Finish
- Prescolite, 4" LED recessed downlight, LFR-4RD-H
- Columbia Lighting, 4' Multipurpose Linear, MPB-4-9-35

GENERAL CEILING NOTES:

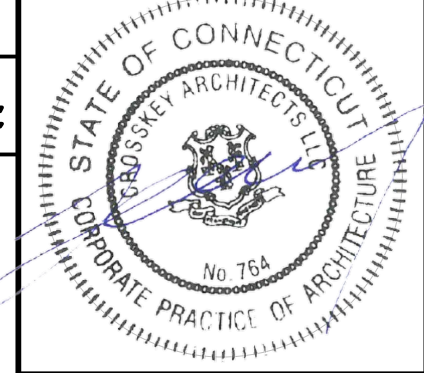
- Drawings may not detail every condition or intersection of work. Where a detail is developed and referenced for a specific condition, the same or similar detail shall apply to identical or similar conditions elsewhere in the Project.
- If plans and specifications provide conflicting information, then the strictest, most expensive interpretation shall apply.
- Provide metal UL fire rated plumbing access panels as indicated on the Plumbing plans and details. Panels are to be 18" x 18" with keyed locks. Provide panels to access bathroom plumbing traps. Field verify locations. Provide submittal architect's review.
- Refer to Mechanical, Plumbing and Electrical Drawings for additional information concerning ceiling installed items.

LEGEND:

- GWB X'-X" Indicates ceiling material
- Indicates ceiling height
- Indicates existing bead board ceiling assembly.
- Indicates new GB soffit or new suspended GB ceiling assembly.
- Indicates areas with suspended acoustical ceiling tile
- Indicates existing plaster soffit or ceiling assembly.



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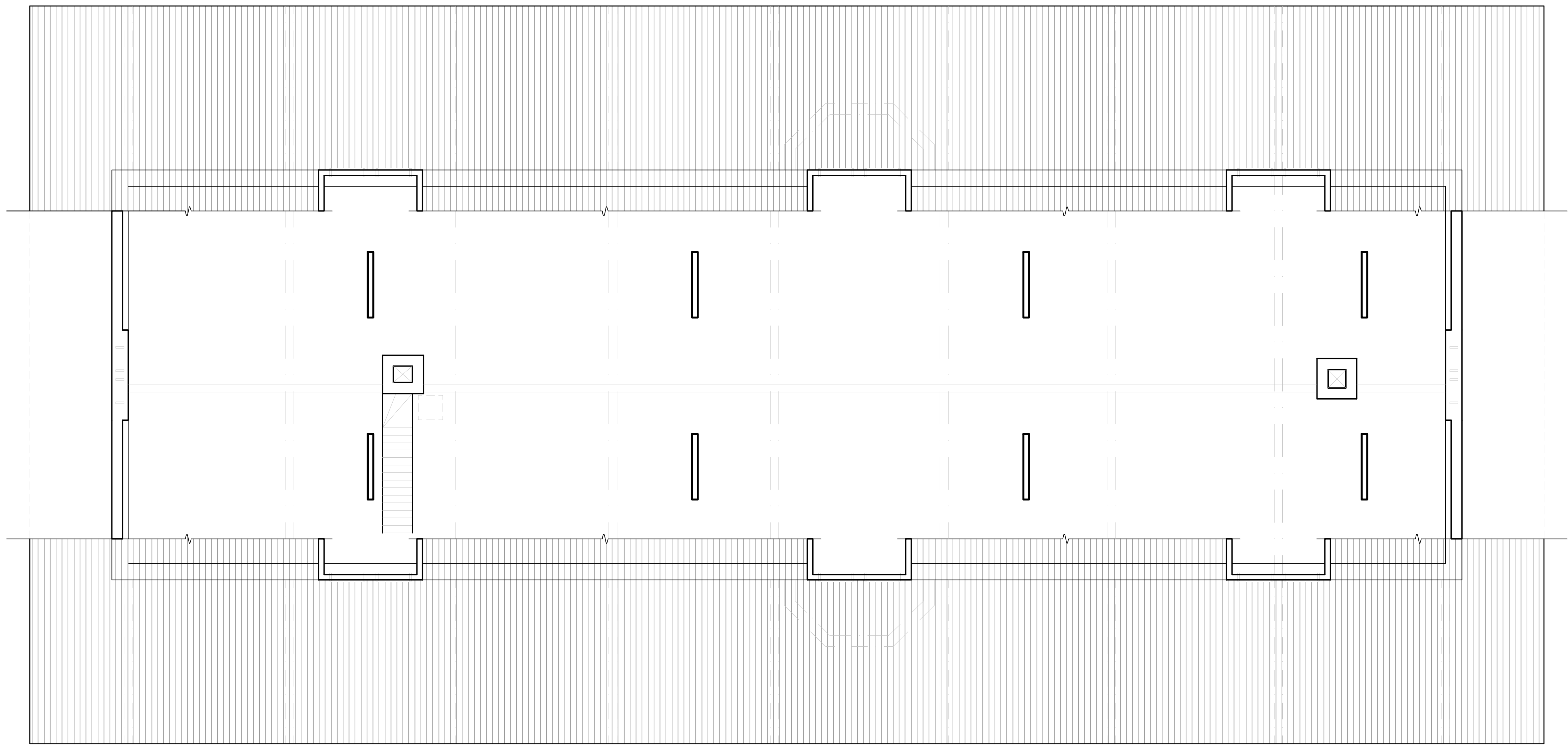
Windsor Locks Economic Commission
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Drawn: TN
Date: January 17, 2025
Revisions

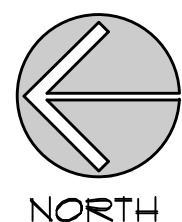
Reflected
Ceiling Plans

AC-110

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1 ATTIC REFLECTED CEILING PLAN
SCALE: 1/4"=1'-0"



SCOPE NOTES:

- Existing plaster ceiling to remain, repair as needed and prep for new painted finish.
- Provide new gub ceiling at height of existing ceiling joists.
- Provide new gub ceiling tight to underside of remaining historic ceiling.
- Provide new gub ceilings at 9' 0" a.f.f. with recessed LED can lights as shown.
- Provide R-30 Kraft paper-faced fiberglass batt insulation between joists, typical throughout basement.
- Registers and grilles shown for location and coordination purposes. Refer to mechanical drawings for more information.

LIGHT FIXTURE SCHEDULE:

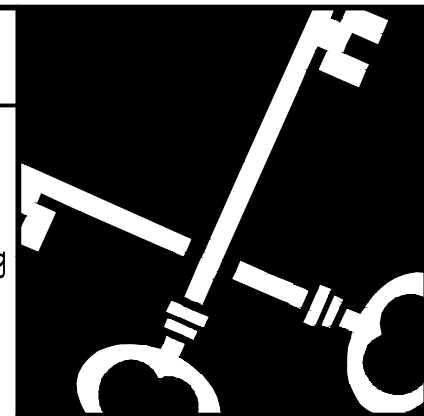
- Scott Architectural Lighting, S2030 Series, S2032-L24, polished Brass finish
- Scott Architectural Lighting, S1010 Series, S1010-L12, polished Brass finish
- Prescolite, 4" LED recessed downlight, LRR-4RD-F1
- Columbia Lighting, 4' Multipurpose Linear, MP5-4-9-35

GENERAL CEILING NOTES:

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- If plans and specifications provide conflicting information, then the strictest, most expensive interpretation shall apply.
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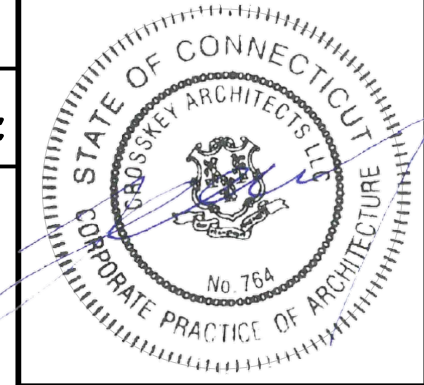
LEGEND:

- Indicates ceiling material
Indicates ceiling height
- Indicates existing bead board ceiling assembly.
- Indicates new GB soffit or new suspended GB ceiling assembly.
- Indicates areas with suspended acoustical ceiling tile
- Indicates existing plaster soffit or ceiling assembly.



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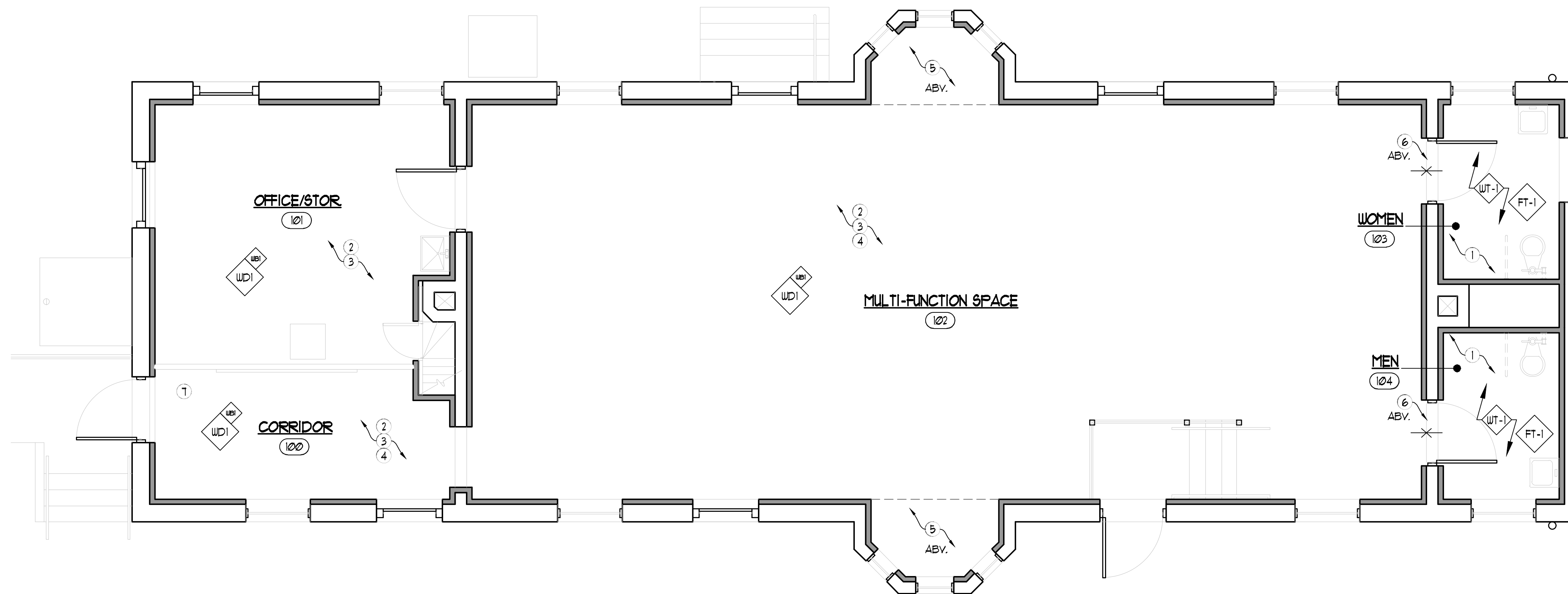
50 Church Street, Windsor Locks, CT

Drawn: TN
Date: January 17, 2025
Revisions

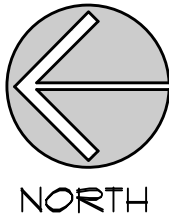
Reflected
Ceiling Plans

AC-111

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1 FIRST FLOOR FINISH PLAN
SCALE: 1/4"=1'-0"



FINISH SCHEDULE:	
PAINT (INTERIOR / EXTERIOR)	
PT-1	Benjamin Moore, Eggshell (General Wall Color) Color: TBD
PT-2	Benjamin Moore, Eggshell (Accent Color) Color: TBD
PT-3	Benjamin Moore, Ceiling white, flat
PT-4	Benjamin Moore, Semi-gloss (Doors & trim) Color: TBD
TILE (WALLS / FLOOR)	
FT-1	Daltile, Style: Outlander, Color: Dusk Rectangle Grande Size: 24x48 Grout: Laticrete, Permacolor Grout, Color: TBD
WT-1	Daltile, Style: Color Wheel Linear, Color: TBD, Finish: Glossy, Size: 4x12 Grout: Laticrete, Permacolor Grout, Color: TBD
WALL BASE	
WB-1	Wood wall base, Broco B400, PT-4
WOOD FLOORING	
WD-1	Following removal of diagonally laid wood flooring (Bid Alt. #), existing wood flooring beneath shall remain and be refinished. Sand down to bare wood, finish sand up to 220 grit minimum. Apply 1-2 coats of Stain. Stain color: TBD. Apply four coats of water based poly. Matte or Satin finish. Lightly sand with 320 grit between coats of poly. Follow manufacturers requirements. Select flooring will have been removed and retained per Bid Alt. #. Reinstall salvaged flooring over new decking. Coordinate with structural plans for area.

- FINISH KEYNOTES
- 1 New tiled floors and wet walls at all bathrooms. See interior elevations.
 - 2 Original wood floors to be exposed and refinished wherever noted WD-1. Coordinate w/ Architect and Owner on site. Pull wood flooring from Mechanical room for patching original floors in Multifunction Space or Corridor if needed. Include Bid Alternate to replace wood flooring throughout in case existing flooring isn't salvageable.
 - 3 Provide new wood trim at windows, doors and transoms.
 - 4 Add/Alt: Provide new 60" high wainscoting throughout. See interior elevations for typical trim and wainscoting.
 - 5 Paint plaster ceiling and surround above.
 - 6 Provide frost film at transoms above bathroom doors.
- 1 Existing strip wood flooring to be removed and reinstalled as needed to slope floor up to threshold.

- FINISH GENERAL NOTES:
- 1 All new wood trim to be clear pine, free of knots or defects.
 - 2 Coordinate all floor prep and adhesive requirements with flooring manufacturer recommendations.
 - 3 Provide crack suppression system at ceramic or porcelain tile floors.
 - 4 Provide concrete backer board at wall tile locations.
 - 5 All closets shall have the same floor treatment as the adjacent room unless otherwise noted.
 - 6 Interior paint and stain colors are to be selected by Architect. All interior wood doors and trim are to be painted.
 - 7 Coordinate ceiling finish and heights with RCP.
 - 8 Paint used in stairwells, corridors, entry lobbies and other public areas shall be Class A or Class B with a flame spread of 0-75.
 - 9 Floor finishes in stairwells, lobbies, corridors, etc. shall be Class I or Class II.

FINISH LEGEND:	
	Indicates flooring transition
	Indicates flooring install direction
	Indicates flooring finish
	Indicates wall finish (Assume full height unless noted)
	Indicates wall base per room
	Indicates ceiling finish per room
	Indicates wall finish per room
	Indicates flooring finish per room
	Indicates wall base per floor finish

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50 Church Street, Windsor Locks, CT

Drawn: TN
Date: January 17, 2025
Revisions
1 Add. # 1/30/25

Finish Plan

AF-110

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GENERAL
Quest Dual 205 (4033060) high efficiency dehumidifier manufactured by Therma-Stor Products or approved equal.

- 80 F / 60 % RH (AHAM): 205 pints per day

- 5.7 pints / KWH at AHAM (80F / 60 % RH)

- Supply power: 115V 60Hz 13.2 amps
- 1525 watts at AHAM (80F / 60% RH)
- Blower: 526 CFM @ 0" WG

- R-410A
- E-coated evaporator coils

- Analog dehumidistat on unit to run unit until RH % set point is reached
 - 24V terminal block for optional remote control
- Defrost control: The cycle periodically turns off the compressor while allowing the blower to run. The air that the blower draws through the cooling coil melts the frost. The defrost cycle is automatic and designed for optimum performance..

- Gravity drain with 6' of condensate hose.

- MERV-11

- Exterior: galvanized carbon steel with baked enamel coated exterior.

MADE IN THE USA: Madison, WI.

Please call Greg Leonardi @ RA Novia for pricing 860-878-4167 greg@ranovia.com

QUEST

QUEST

Bracket (4036668)

Bottom view of unit and bracket

① CEILING MOUNTED @ 84" A.F.F.

Ⓜ DIGITAL REMOTE HUMIDISTAT WITH RH READOUTS AND RED WARNING LIGHT INDICATOR.

1. GENERAL DRAWING NOTES SHALL APPLY TO ALL MECHANICAL DRAWINGS.
2. FIELD VERIFY LOCATIONS OF MECHANICAL EQUIPMENT BEFORE FABRICATION OF PIPING & DUCTWORK.
3. DUCTWORK DIMENSIONS INDICATED ON PLANS ARE CLEAR INSIDE DIMENSIONS. PROVIDE TURNING VANES IN MITERED FITTINGS.
4. VERIFY EQUIPMENT CONNECTIONS WITH MANUFACTURER'S INSTALLATION DRAWINGS. PROVIDE PIPE & DUCT TRANSITIONS TO FURNISHED EQUIPMENT. FIELD VERIFY AND COORDINATE DIMENSIONS BEFORE FABRICATION.
5. COORDINATE DUCTWORK WITH ALL TRADES. PROVIDE OFFSETS AND FITTINGS AS REQUIRED FOR INSTALLATION. CONTRACTOR SHALL BEAR COSTS ASSOCIATED WITH ROUTING MODIFICATIONS.
6. PROVIDE BACK DRAFT DAMPER ON ALL EXHAUST BRANCH DUCTWORK.
7. PROVIDE ALL SERVICE/ACCESS CLEARANCES FOR MECHANICAL EQUIPMENT PER MANUFACTURERS' INSTRUCTIONS AND RECOMMENDATIONS. COORDINATE PRIOR TO INSTALLATION OF EQUIPMENT, PIPING, AND DUCTWORK.
8. FIRECAULK ALL FIRE RATED PENETRATIONS.
9. MAINTAIN AT LEAST 10' DISTANCE BETWEEN ALL AIR INTAKE AND EXHAUST TERMINATIONS.

1. ALL WORK IS NEW UNLESS NOTED OTHERWISE.
2. ALL WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE CODE.
3. ALL DUCT SYSTEMS SHALL BE CONCEALED ABOVE CEILINGS OR WITHIN WALLS UNLESS SPECIFICALLY NOTED OTHERWISE.
4. REFER THE ARCHITECTURAL REFLECTED CEILING PLANS FOR THE EXACT PLACEMENT OF DIFFUSERS, GRILLES & REGISTERS.
5. COORDINATE THE WORK OF THIS PROJECT WITH EXISTING BUILDING ELEMENTS AND EQUIPMENT. ALL WORK SHALL BE CONCEALED UNLESS NOTED OTHERWISE.
6. COORDINATE THE INSTALLATION OF GRILLES WITH EXISTING CEILING DEVICES.



GENERAL MECHANICAL NOTES

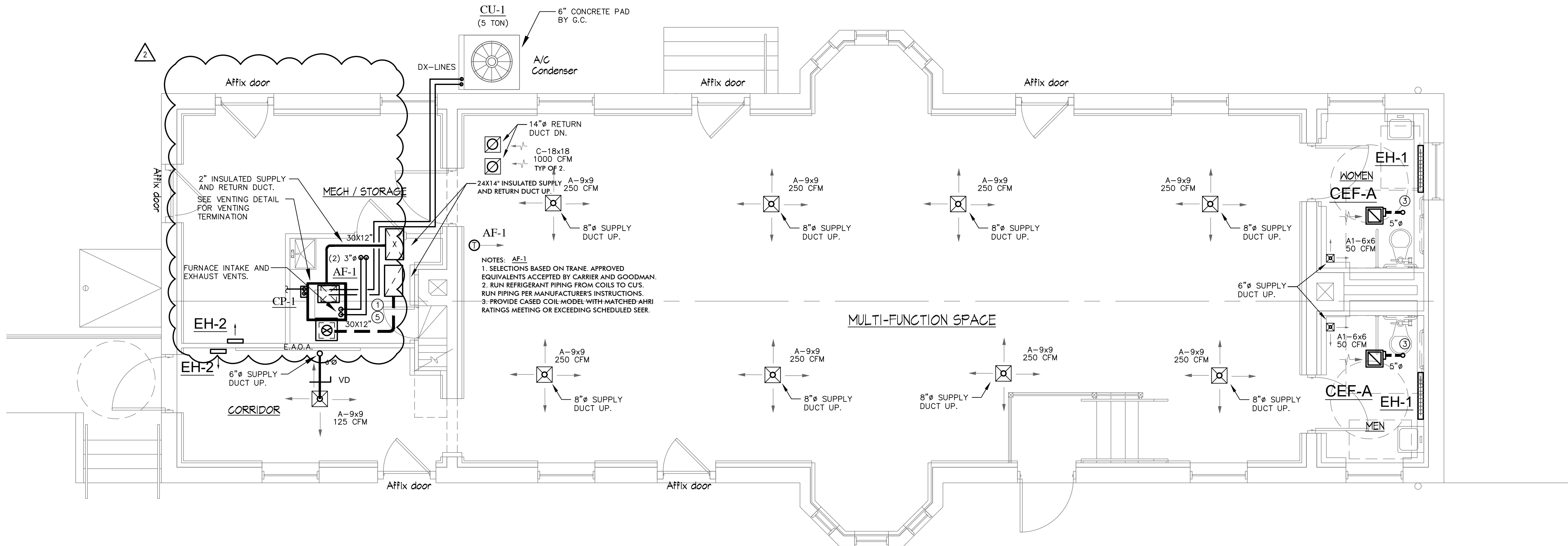
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GENERAL HVAC NOTES:

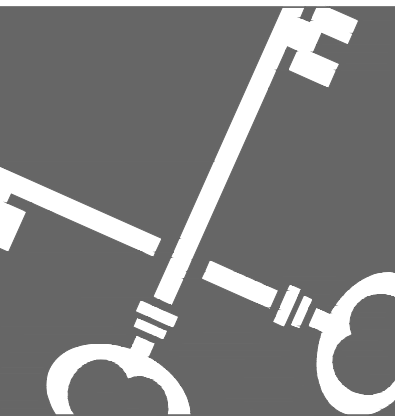
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- 4. VERIFY EQUIPMENT CONNECTIONS WITH MANUFACTURER'S INSTALLATION DRAWINGS. PROVIDE PIPE & DUCT TRANSITIONS TO FURNISHED EQUIPMENT. FIELD VERIFY AND COORDINATE DIMENSIONS BEFORE FABRICATION.
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DRAWING KEYNOTES

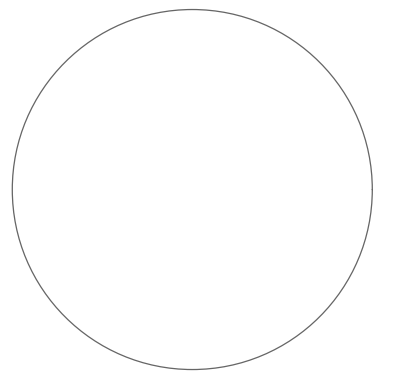
- ① (2) 2"Ø CPVC VENT AND COMBUSTION AIR PIPING UP TO A 3"Ø TRANE MODEL DCVK-20 CONCENTRIC VENT KIT.
- ② EXH LOUVER 16X12" OPENING W/BIRD SCREEN, GREENHECK MODEL ESD-435 WITH CONTROL DAMPER MODEL VCD-23 AND BELIMO ACTUATOR. COLOR BY ARCHITECT.
- ③ GREENHECK MODEL RJ-6 PITCHED ROOF CAP.
- ④ CONTROL DAMPER MODEL VCD-23 WITH BELIMO 1FB120S ACTUATOR. BALANCE OUTDOOR AIR TO 400 CFM. PROVIDE CO2 DEMAND CONTROL VENTILATION.
- ⑤ ELECTRIC TAPE AND INSULATE FULL LENGTH OF VERTICAL 3"Ø CONCENTRIC FURNACE EXHAUST AND INTAKE VENT TO PREVENT FREEZING,



1 FIRST FLOOR PLAN
SCALE: 1/4" = 1' - 0"



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Main Street, Windsor Locks, CT
Windsor Locks Economic Commission

Drawn: MRP
Date: January 8, 2025
Revisions
Rev2 - ASI 11 09/30/2025

ATTIC PLAN
MECHANICAL

M120

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GENERAL MECHANICAL NOTES

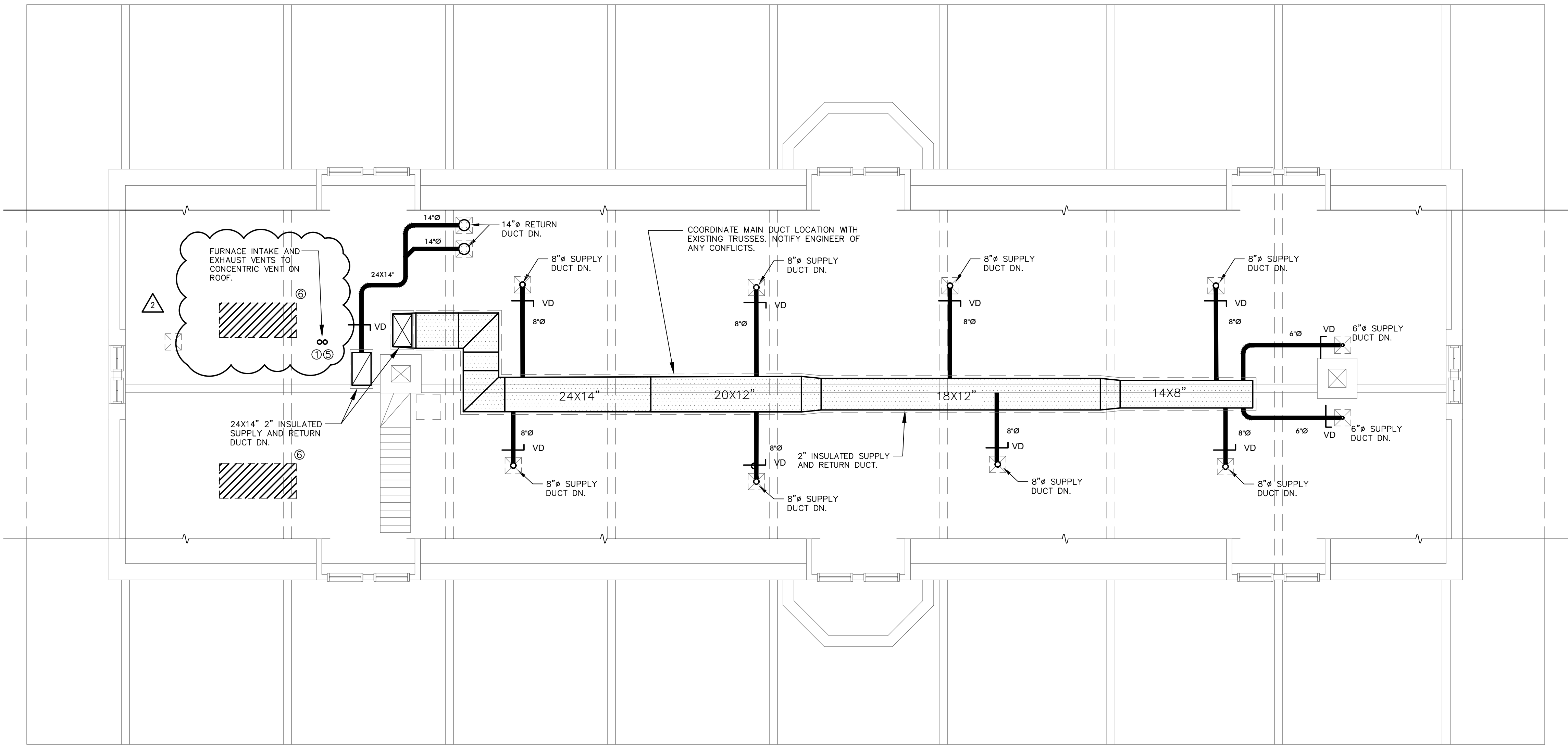
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6. COORDINATE THE INSTALLATION OF GRILLES WITH EXISTING CEILING DEVICES.

DRAWING KEYNOTES

- ① (2) 3"ø CPVC VENT AND COMBUSTION AIR PIPING UP TO A TRANE MODEL DOW-20 CONCENTRIC VENT KIT
- ② BLANK
- ③ GREENHECK MODEL WC-6 HOODED WALL CAP. REMOVE FLAPPER.
- ④ PROPORTIONING MOTORIZED ECONOMIZER DAMPER.
- ⑤ ELECTRIC TAPE AND INSULATE FULL LENGTH OF VERTICAL 3"ø CONCENTRIC FURNACE EXHAUST AND INTAKE VENT TO PREVENT FREEZING.
- ⑥ EXISTING AIR HANDLER AND ALL ASSOCIATED DUCT WORK TO BE REMOVED.

GENERAL HVAC NOTES:

1. GENERAL DRAWING NOTES SHALL APPLY TO ALL MECHANICAL DRAWINGS.
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9. MAINTAIN AT LEAST 10' DISTANCE BETWEEN ALL AIR INTAKE AND EXHAUST TERMINATIONS.



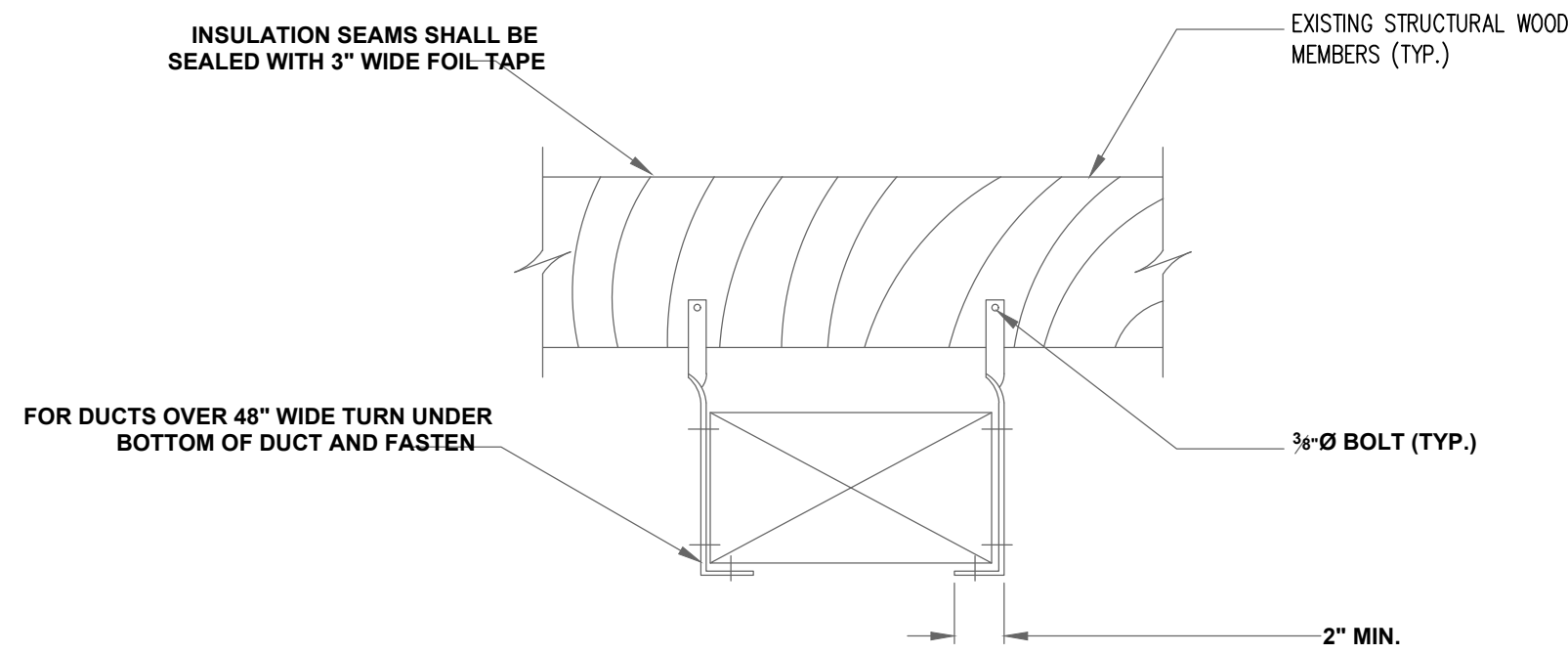
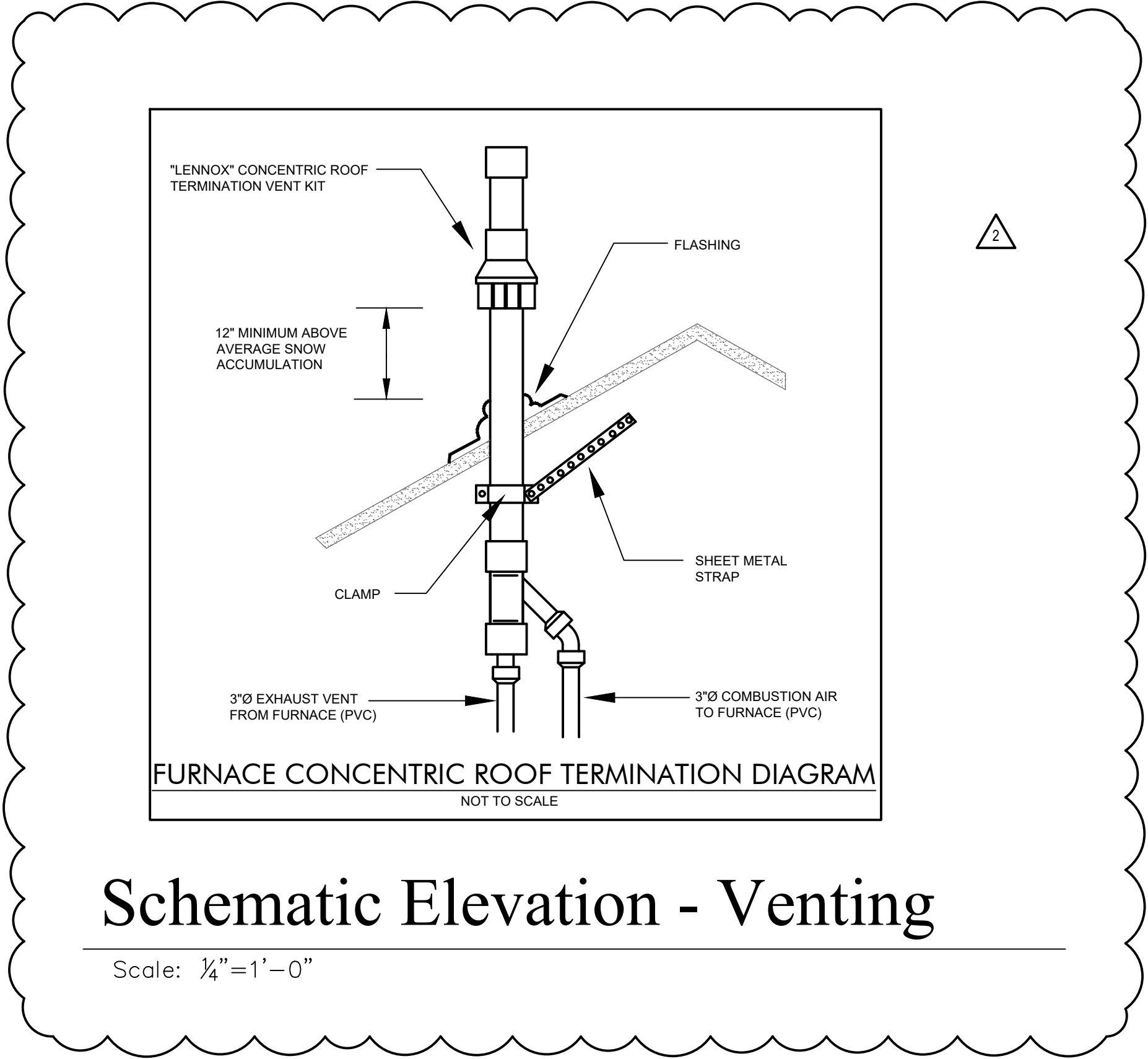
1 ATTIC PLAN
SCALE: 1/4" = 1' - 0"

GENERAL NOTES:

1. ALL DUCTWORK SHOWN IN ATTIC; INSULATE WITH 2" JACKETED FIBERGLASS.
2. ALL DUCTWORK AND FURNACES LOCATED IN ATTIC.
3. LANDLORD SHALL FURNISH AND INSTALL ALL HVAC DUCTWORK THROUGHOUT SPACE. CHECK WORK LETTER.



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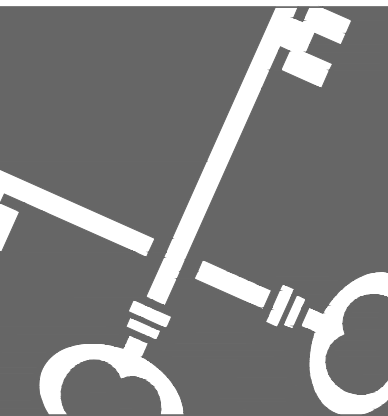
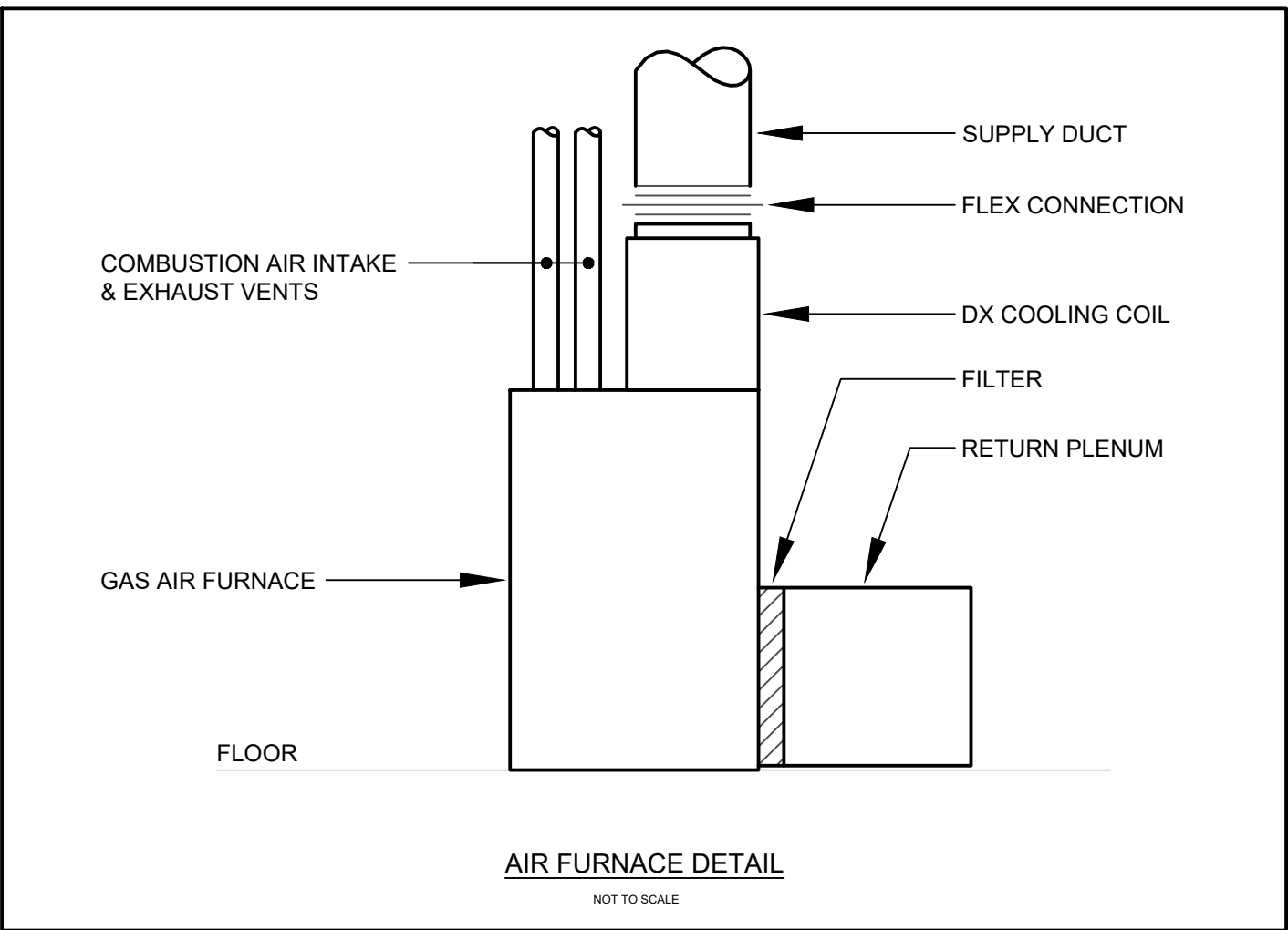
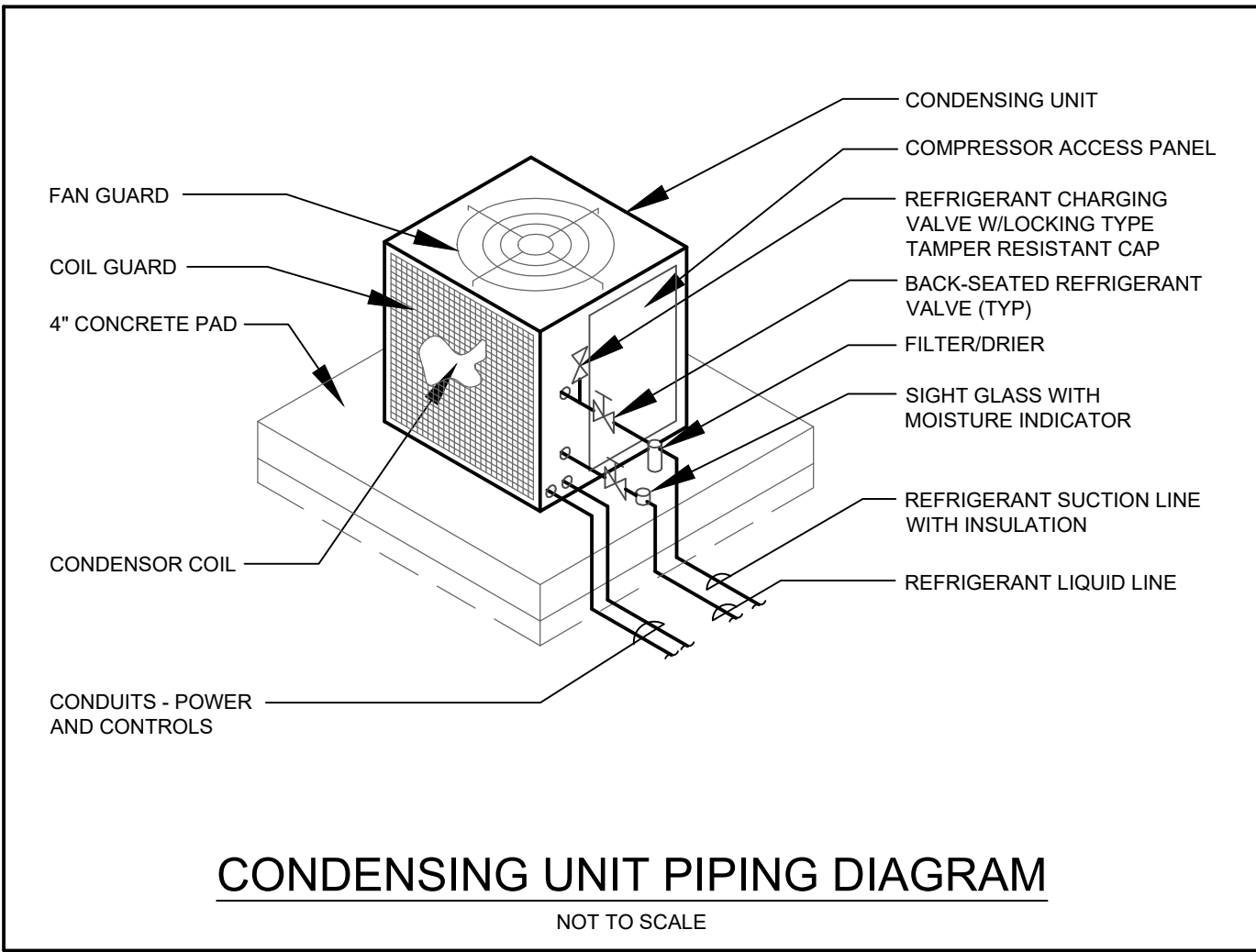
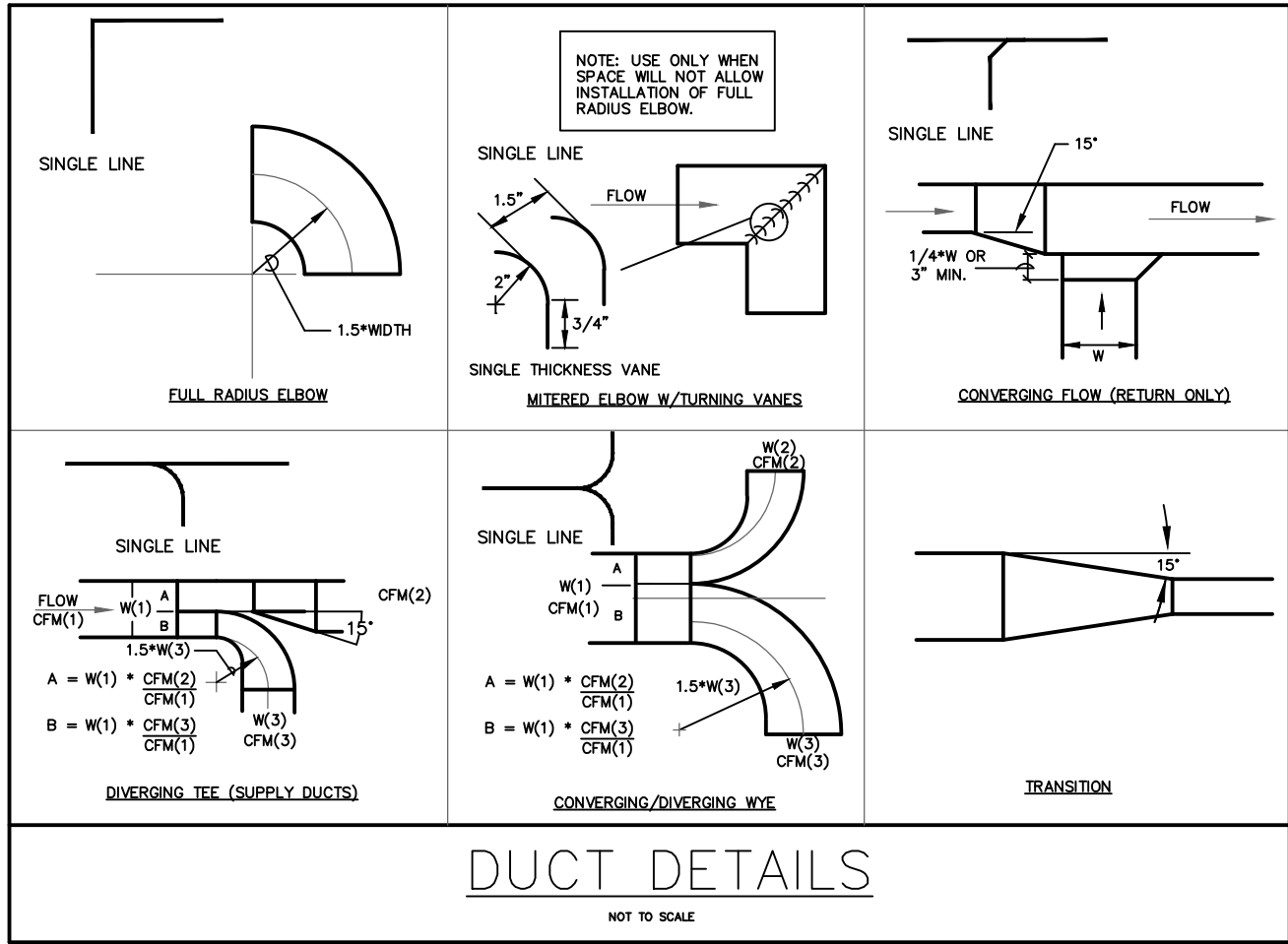
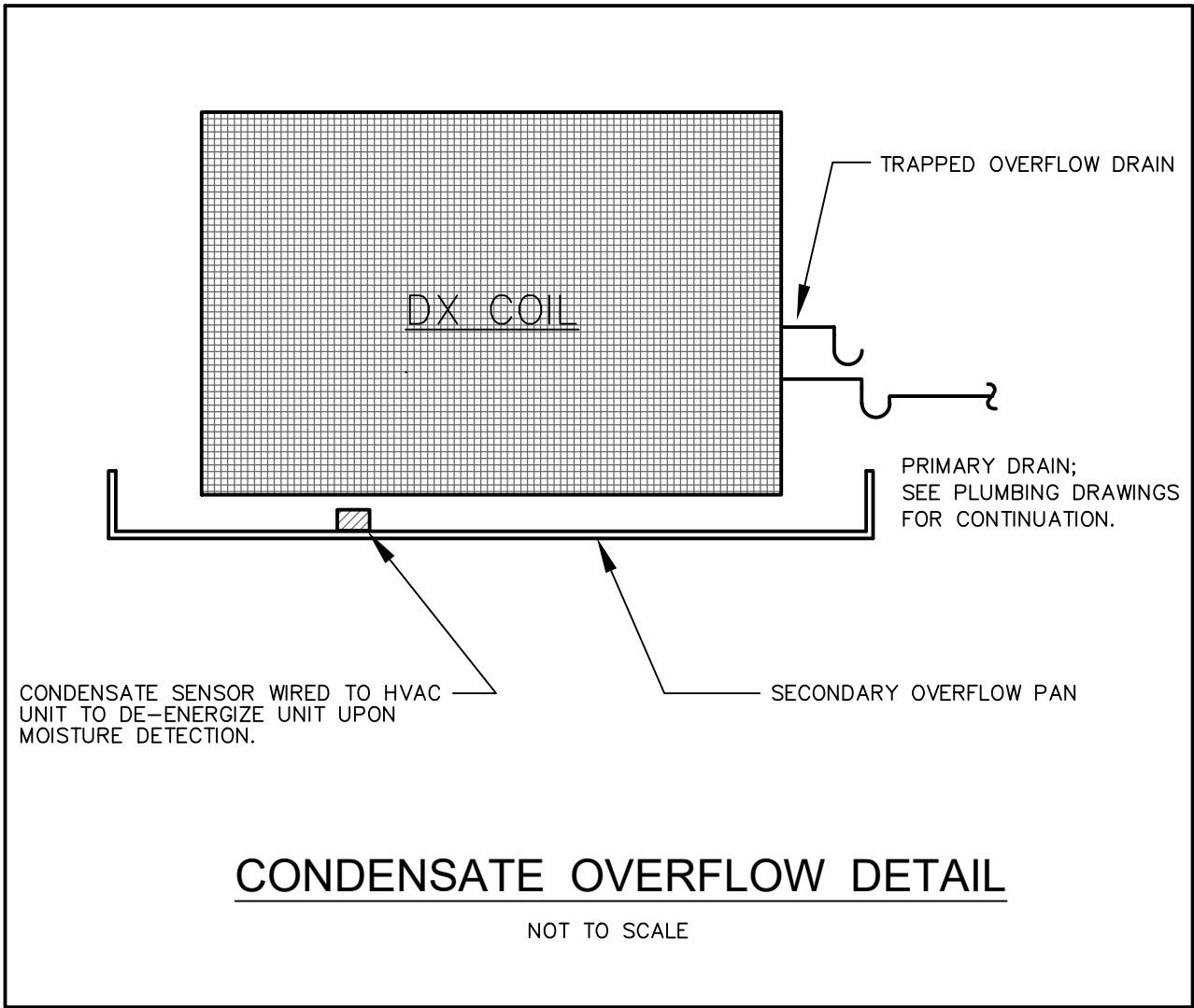
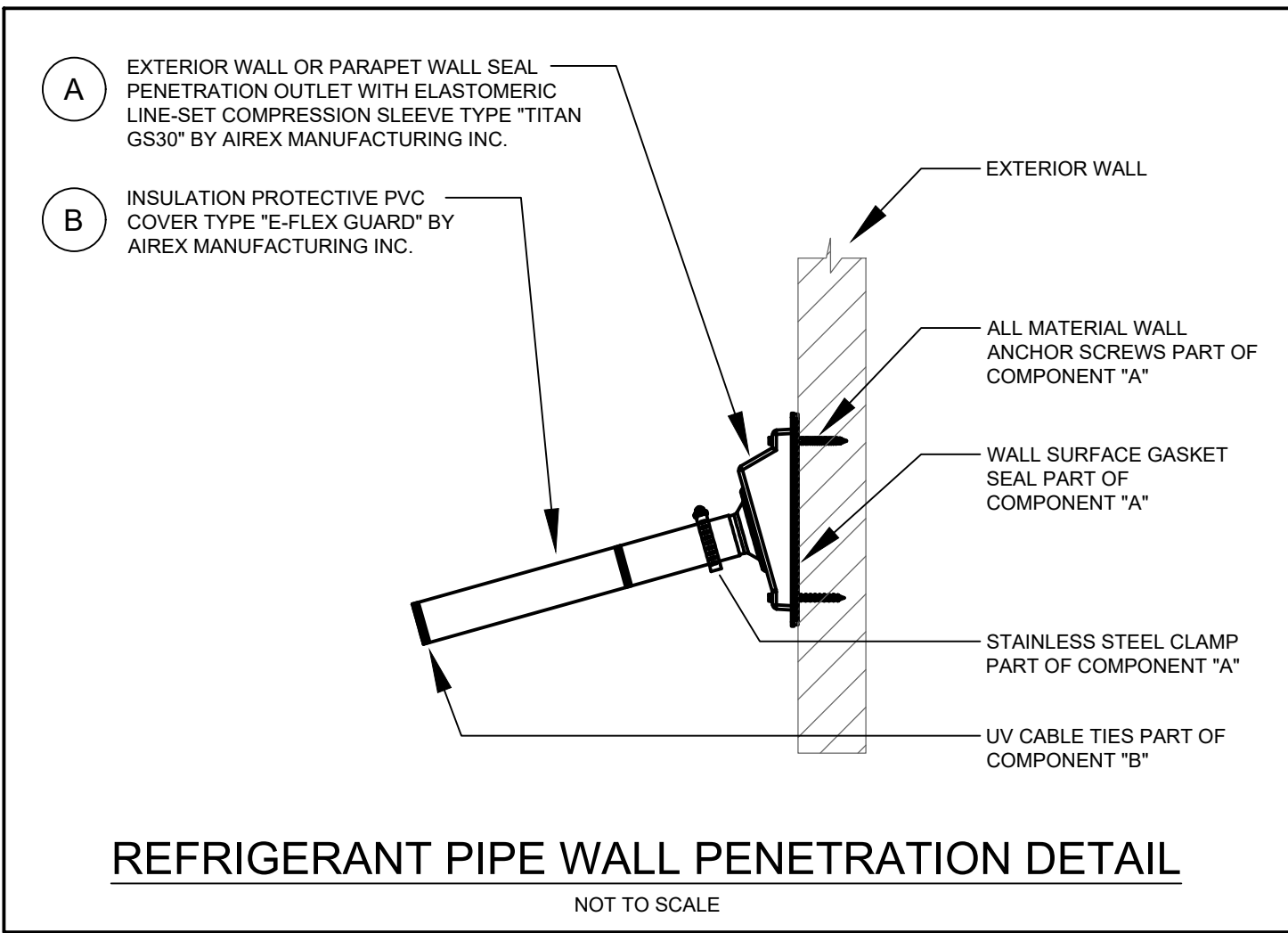


DUCT SIZE	HANGER SIZE	MAX. SPACING
UP THRU 2 SQ. FT.	1" X 1/16"	8' - 0"
2 THRU 4 SQ. FT.	1" X 1/8"	8' - 0"
4 THRU 10 SQ. FT.	1" X 1/8"	6' - 0"
OVER 10 SQ. FT.	1" X 1/8"	4' - 0"

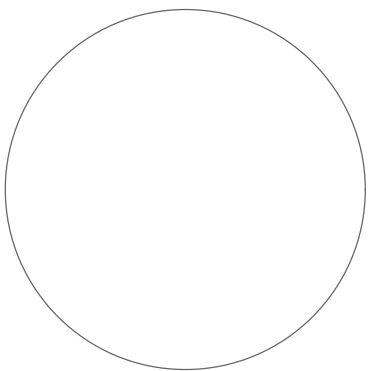
- NOTES:
- DISTANCE BETWEEN DUCT HANGERS SHALL BE IN ACCORDANCE WITH ASHRAE STANDARDS AND ALL APPLICABLE CODES.
 - DUCTS MAY BE SUSPENDED BY OTHER TYPE DEVICE IF APPROVED BY THE BOARD OF STANDARDS AND APPEALS. A WRITTEN CERTIFICATE OF SUCH APPROVAL SHALL BE SUBMITTED TO THE ARCHITECT PRIOR TO INSTALLATION.

DUCT HANGING DETAIL - WOOD FRAMING

Scale:NONE



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Windsor Locks Passenger Station
Main Street, Windsor Locks, CT
Windsor Locks Economic Commission

Drawn: MRP
Date: January 8, 2025
Revisions
Rev2 - ASI 11 09/30/2025

DETAIL PLAN
MECHANICAL

M200

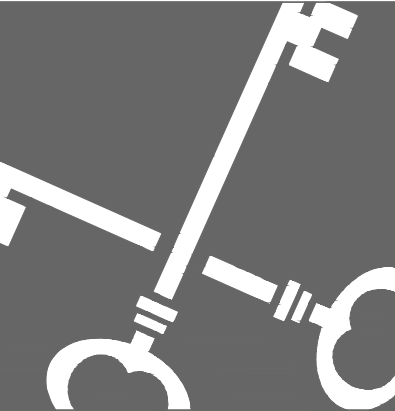
AIR FURNACE SCHEDULE																								
UNIT No.	MANUF./MODEL	FAN SECTION				ELECTRICAL				DX COOLING COIL SECTION						GAS HEATING SECTION					O.A. CFM	WEIGHT LBS.	REMARKS	
		CFM	E.S.P.	T.S.P.	SPEED	HP	VOLTAGE	AMPS	MOCP	MODEL	TOT. CAP. MBH	SENS. CAP. MBH	EDB/EMB °F	ROWS	APD IN W.G. (DRY)	FACE AREA SQ.FT.	INPUT MBH	OUTPUT MBH	% AFUE	EAT °F				LAT °F
AF-1	TRANE S9X2D1200U5PSBA	2000	0.50"	0.80"	MED-HIGH	3/4	120V/1ø	10.9	15	4TXCAD010DS3HC8	60.0	48.0	80/67				120	117	95.0	50	95	400	189	

CONDENSING UNIT SCHEDULE															
UNIT NUMBER	MANUF./MODEL	COOLING		COND. FAN		COMPRESSOR					MCA	MOCP	WEIGHT LBS.	SEER	REMARKS
		T.MBH	S.MBH	HP	RPM	QTY.	RLA	LRA	VOLTAGE	PHASE					
CU-1	TRANE 4TTR6060N1000A	60.0	—	1/5	800	1	16.7	82.0	208/230V	1	35.7	50	282	16.0	PROVIDE ALL REQUIRED REFRIGERATION SPECIALTIES. REFRIGERANT PIPING SHALL BE SIZED TO MANUFACTURER'S RECOMMENDATIONS.

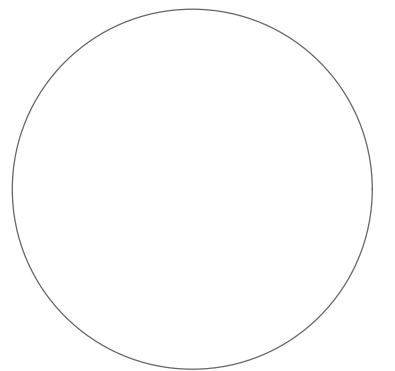
EXHAUST FAN SCHEDULE											
TYPE	MANUF. & MODEL	CFM	ESP	HP	WATTS	RPM	VOLTS/ø	SOUND DATA	WEIGHT (lbs.)	CONTROL BY	REMARKS
CEF-A	PANASONIC FV-0411VKS1	80	0.250"	—	10	1113	120/60/1	0.5 SONES	11	TIME CLOCK	BATH ROOM

UNIT/ELECTRIC HEATER SCHEDULE												
TAG	MANUFACTURER/MODEL	CFM	VOLTS	PHASE	INPUT MBH	OUTPUT MBH	AMPS	MOCP	WATTS	TEMP RISE °F	WEIGHT LBS	ACCESSORIES
EH-1	INDEECO 903U01000C	-	208	1	1.0	3.4	4.8					4 FEET ELECTRIC BASEBOARD HEATER. WIRED THERMOSTAT
EH-2	QMARK AWH3150F	100	120	1	-	3.4	12.5		1000			PROVIDE MODEL AWH3 RECESSED FRAME. MOUNTED THERMOSTAT.

SYMBOLS LIST	
	THERMOSTAT; MOUNT 8'-0" A.F.F.
	ELBOW, TURNED UP
	ELBOW, TURNED DOWN
	SUPPLY OR FRESH AIR DUCT (UP/DOWN)
	RETURN OR EXHAUST AIR DUCT (UP/DOWN)
	MOTORIZED DAMPER
	VOLUME DAMPER
	FIRE DAMPER AND ACCESS DOOR
	COMBINATION FIRE/SMOKE DAMPER
	ACOUSTICALLY LINED DUCTWORK
	FLEXIBLE DUCT
	FLEXIBLE CONNECTION
	REFRIGERANT SUCTION
	REFRIGERANT LIQUID
	ACCESS DOOR
	FRESH AIR
	EXHAUST FAN / RETURN FAN
	TOILET EXHAUST
	CLEANOUT
	ACCESS DOOR



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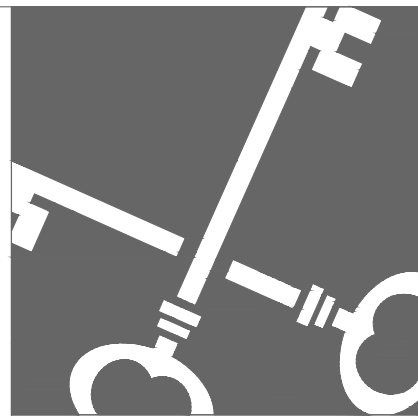


Windsor Locks Passenger Station
Main Street, Windsor Locks, CT
Windsor Locks Economic Commission

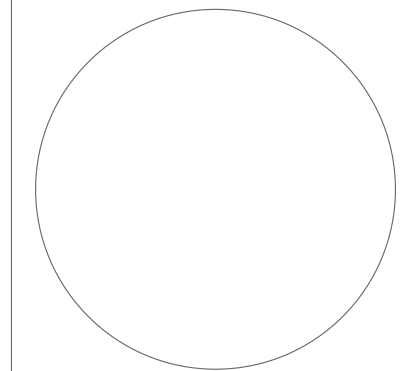
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SCHEDULE
PLAN
MECHANICAL

M300



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Windsor Locks Passenger Station

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Windsor Locks Economic Commission

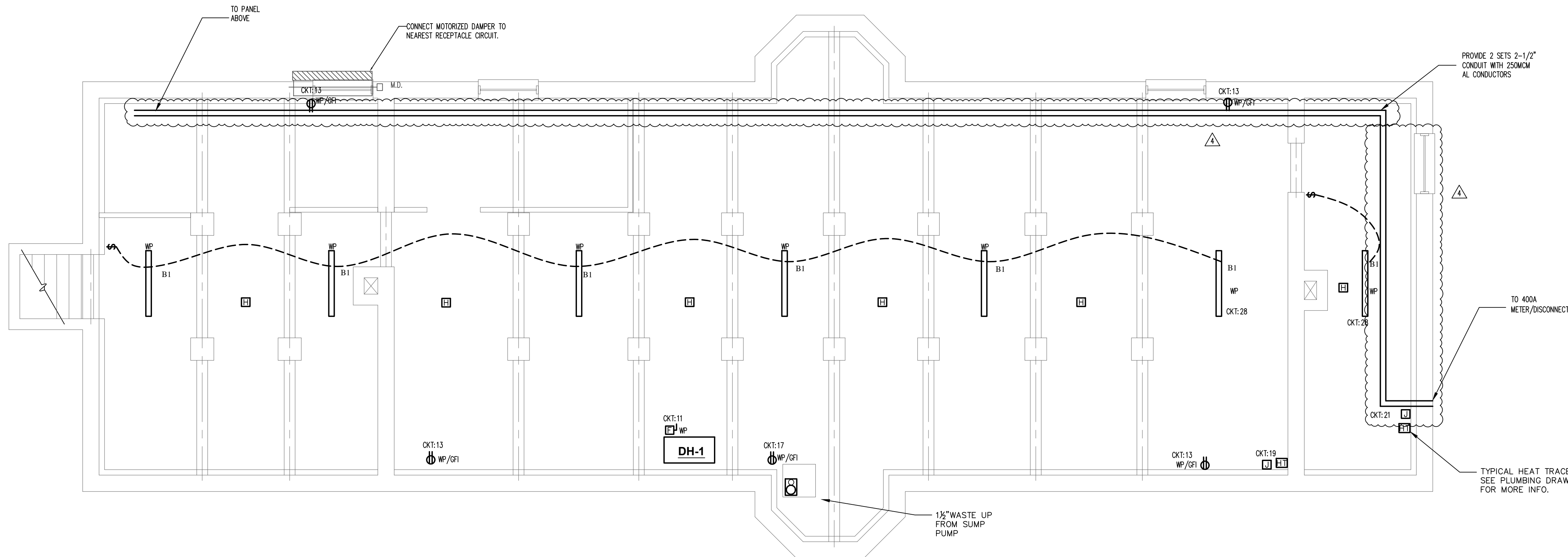
Drawn: SES
Date: January 8, 2025
Revisions
Revision 1 04/21/2025
Rev 4 - METERING 09/23/25

BASEMENT FLOOR PLAN

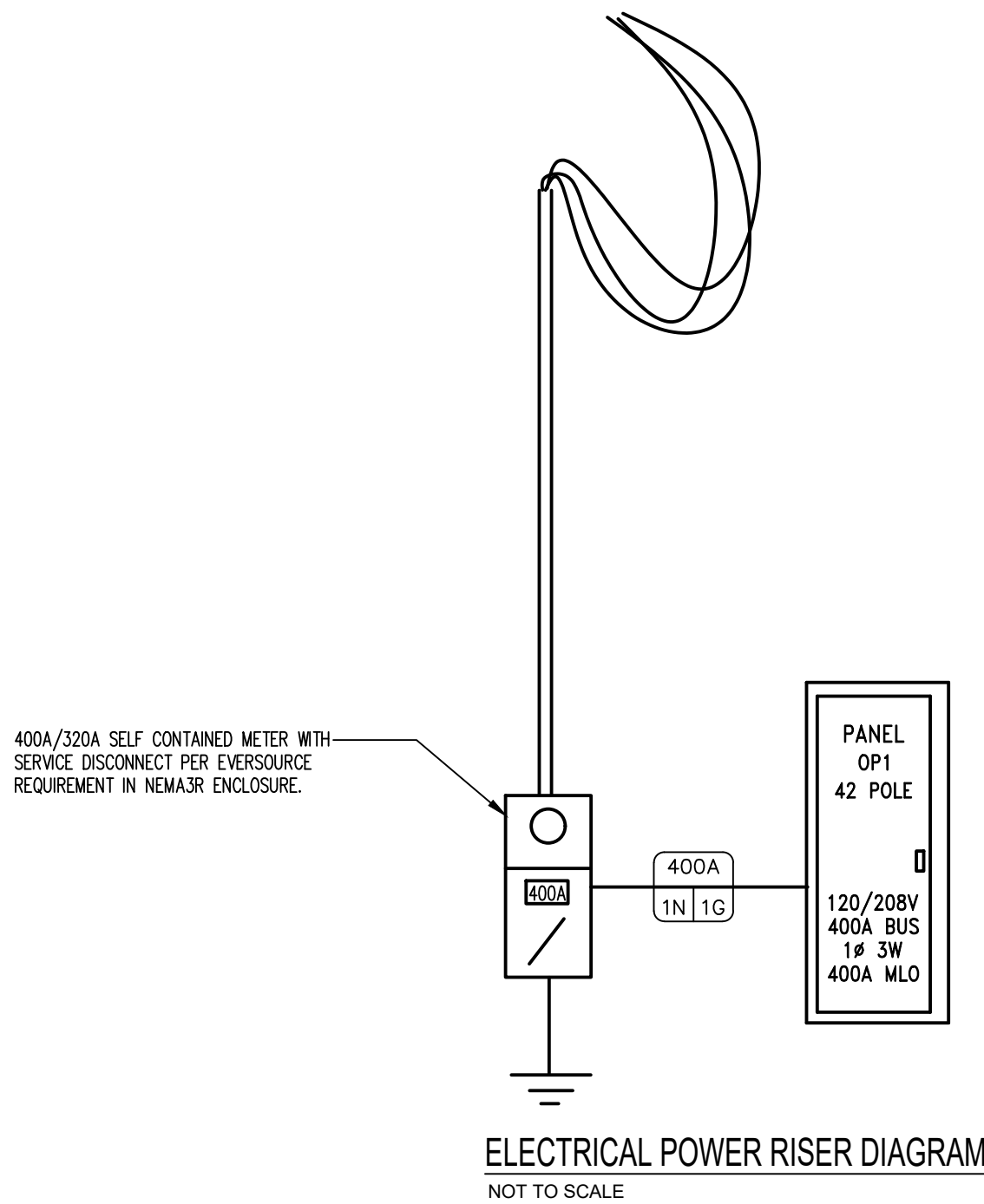
E100

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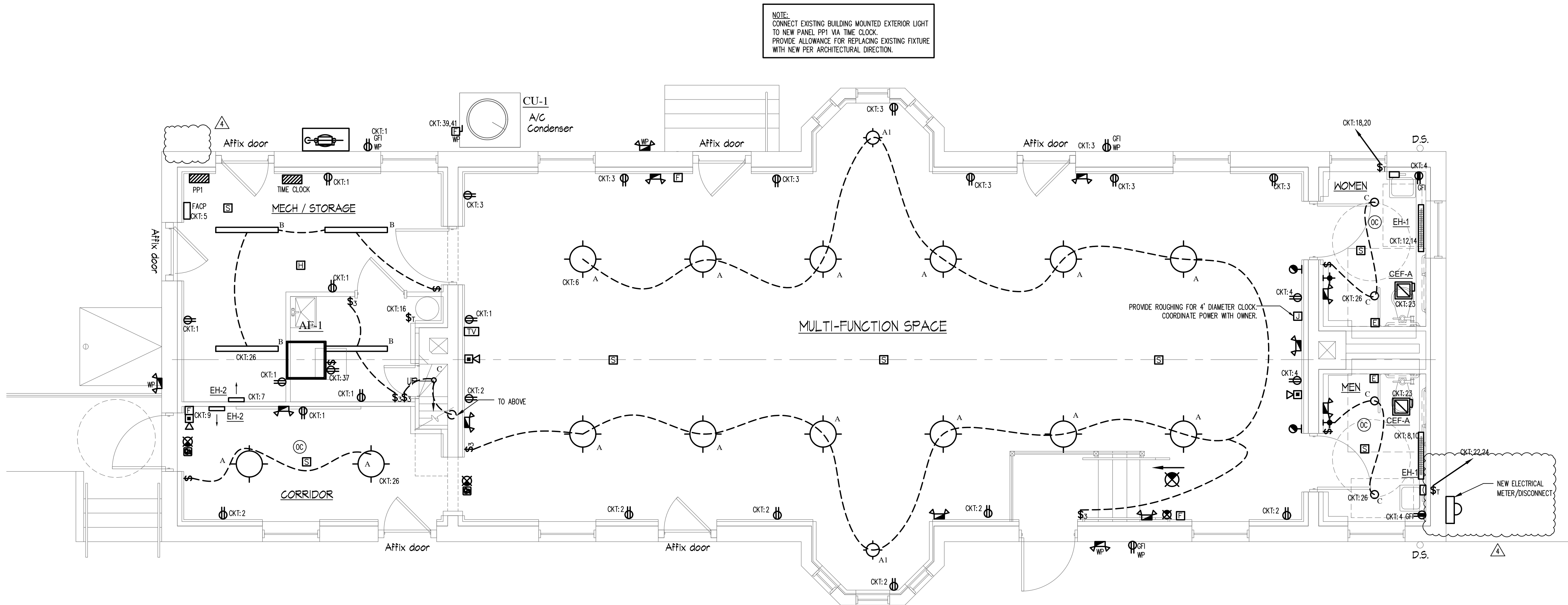


1 BASEMENT FLOOR PLAN
SCALE: 1/4" = 1' - 0"

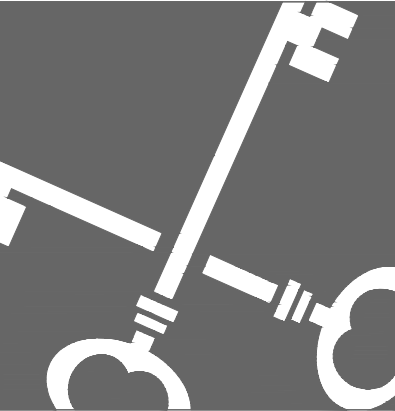


LIGHTING FIXTURE SCHEDULE							
TYPE	SYMBOL	MANUFACTURER	CATLG #	DESCRIPTION	LAMP	WATTS	VOLTAGE
C	○	PRESLUTE	LFR-4RD-M	4" LED RECESSED DOWNLIGHT	LED	15	120
B	▬	COLUMBIA LIGHTING	MPS-4-9-35	1'X4' LED MULTIPURPOSE LINEAR	LED	32	120
B1	▬	COLUMBIA LIGHTING	MPS-4-9-35	1'X4' LED MULTIPURPOSE LINEAR	LED	32	120
EM	⬮	BARRON	NFT-W-G2	WALL MOUNTED LED EMERGENCY LIGHT	LED	4	120
EX	⊗	BARRON	QXS-U-WB-WH	LED EXIT SIGN	LED	---	120
EX-HC	⊗	BARRON	----	ADA ACCESSIBLE LABEL LED EXIT SIGN	LED	---	120
A	⊙	SAL	S2032-L24	ROUND PENDANT 18" LED	LED	45	120
A1	◇	SAL	S2031-L14	ROUND PENDANT 14" LED	LED	30	120

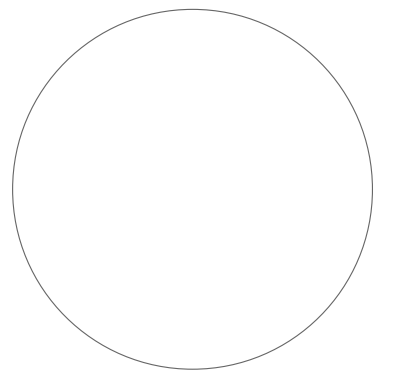
PROJECT NO: 24147		PANEL: PP1		DATE: 7/29/25			
LOCATION: XXX		MOUNTING: SURFACE		FEED: TOP			
VOLTAGE: 120/ 240		SOURCE: METER		BUS AMP: 400A			
WIRE: 3		COND: 4"		BRKR: 400A			
PHASE: 1		WIRE: ZSETS#3/0 CU		GROUND: #3 Cu			
CKT	LOAD DESCRIPTION	WATTS	CB AMP	CB AMP	WATTS	LOAD DESCRIPTION	CKT
1	RECEPTACLES	1000	20	A	20	RECEPTACLES	2
3	RECEPTACLES	1000	20	B	20	RECEPTACLES	4
5	FACP	200	20	A	20	LIGHTING	6
7	EH-2	1000	20	B	15A/2P	EH-1	8
9	EH-2	1000	20	A	500	!!	10
11	DH-1	500	20	B	15A/2P	EH-1	12
13	LOWER LEVEL RECEPT	1000	20	A	500	!!	14
15	ATTIC RECEPT	1000	20	B	20	WATER HEATER	16
17			20	A	25A/2P	WATER HEATER	18
19			20	B	2050	!!	20
21			20	A	25A/2P	WATER HEATER	22
23			20	B	2050	!!	24
25			20	A	20	LIGHTS	26
27			20	B	20	BASEMENT LIGHTS	28
29			20	A	20	ATTIC LIGHTS	30
31			20	B	20		32
33			20	A	20		34
35			20	B	20		36
37	AHU	1300	20	A	20		38
39	AC CONDENSER	3744	50A/2P	B	20		40
41	!!	3744					42
TOTAL WATTS/PH:		A= 16844	B= 15644		TOTAL WATTS 32488		
TOTAL AMPS: 135.4							
NOTES: 1. VERIFY BREAKERS WITH NAMEPLATE RATINGS OF EQUIPMENT IN FIELD. 2. PROVIDE SIX (6) 20A-1P SPARE BREAKERS. 3. PROVIDE FULL COPPER BUSSING.							



1 FIRST FLOOR PLAN
SCALE: 1/4" = 1' - 0"



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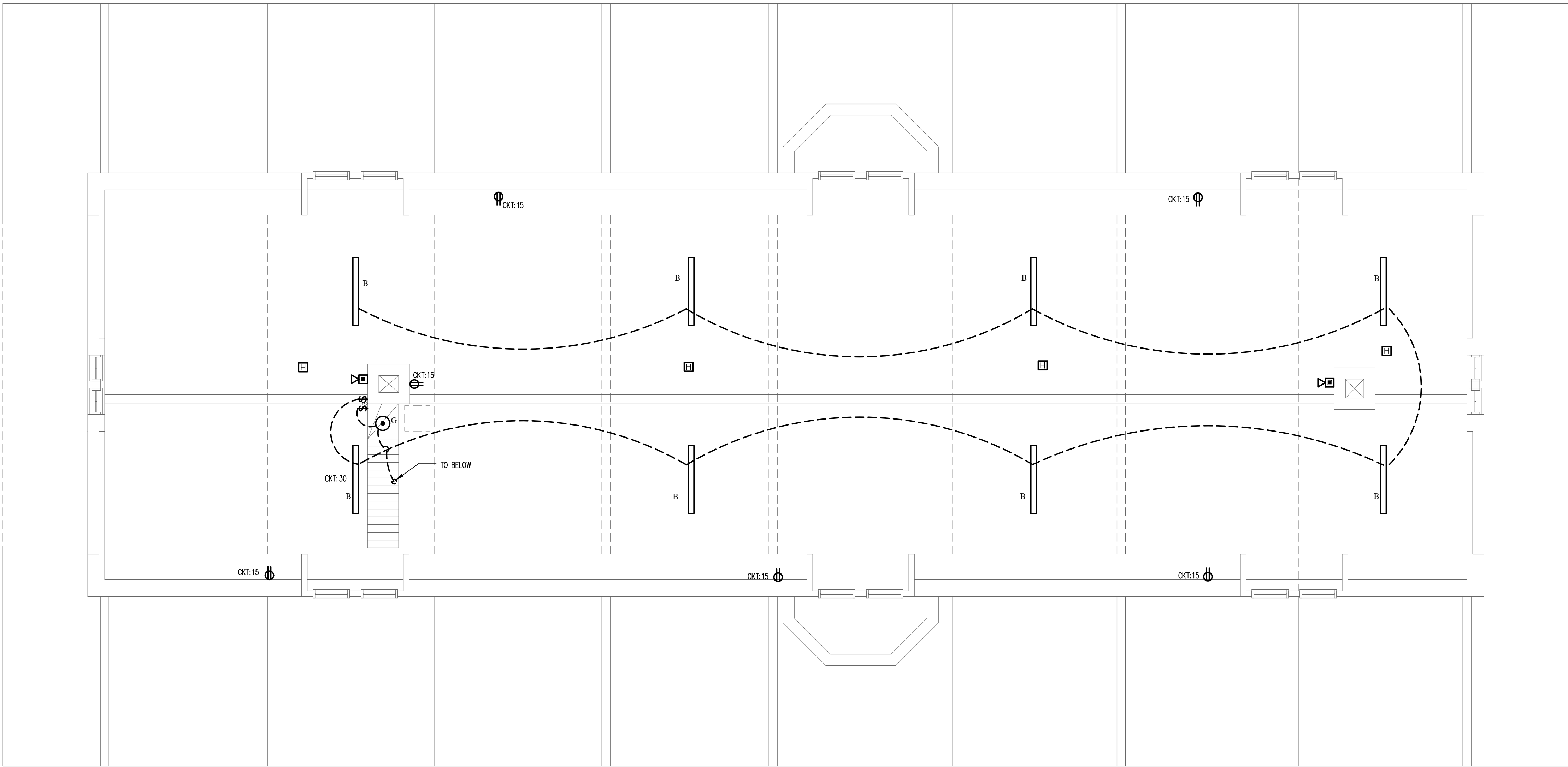


Windsor Locks Passenger Station
Main Street, Windsor Locks, CT
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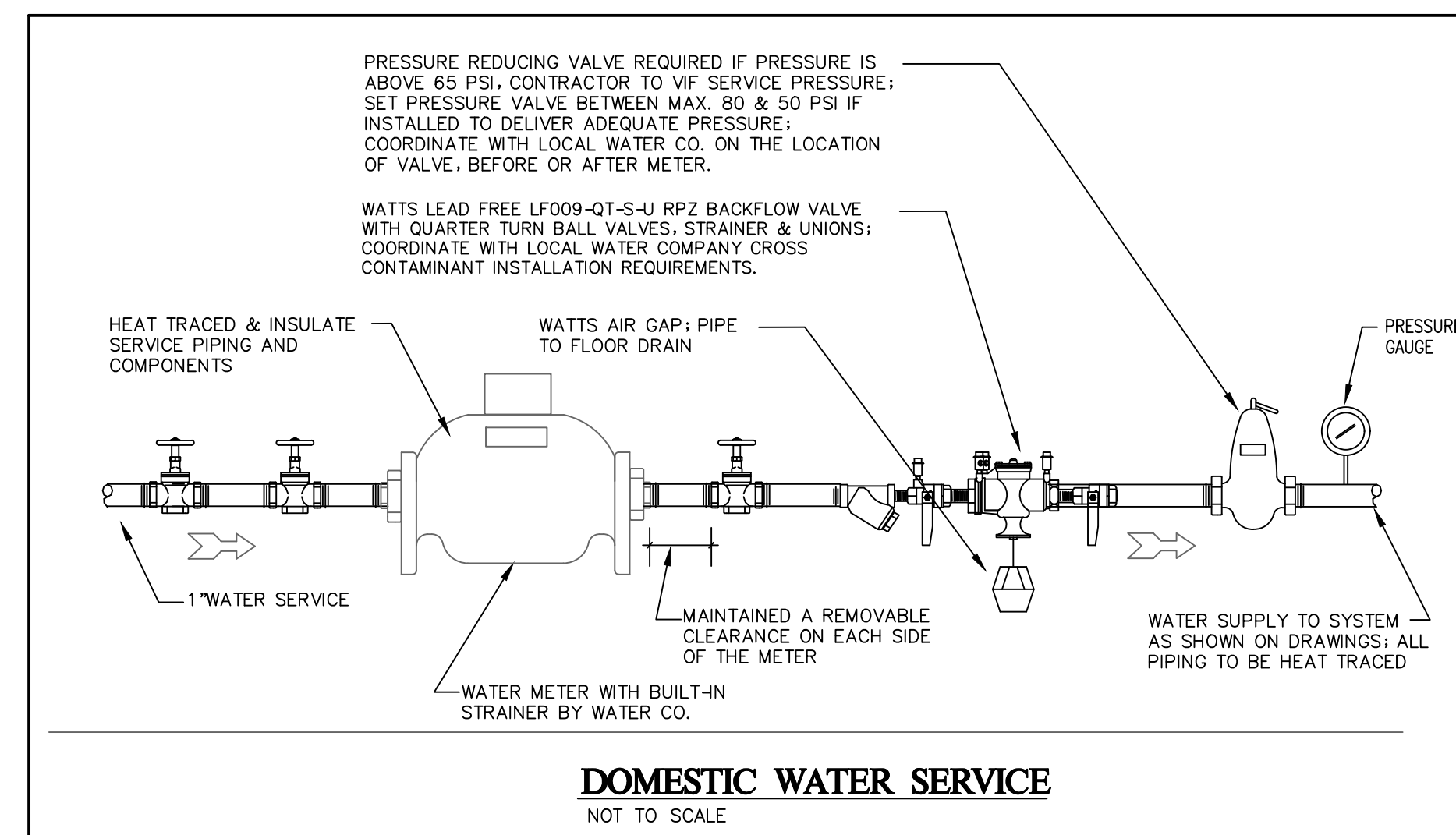
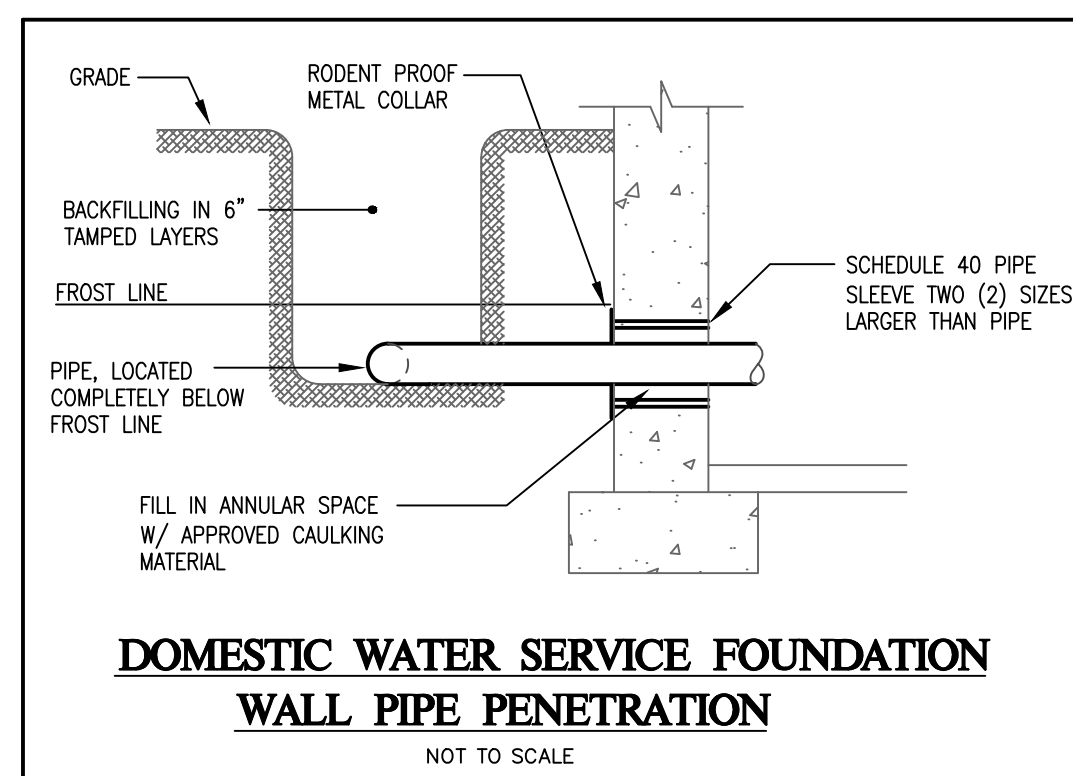
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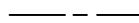
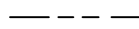
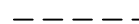
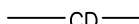
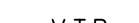
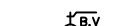
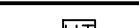
ATTIC PLAN

E120



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



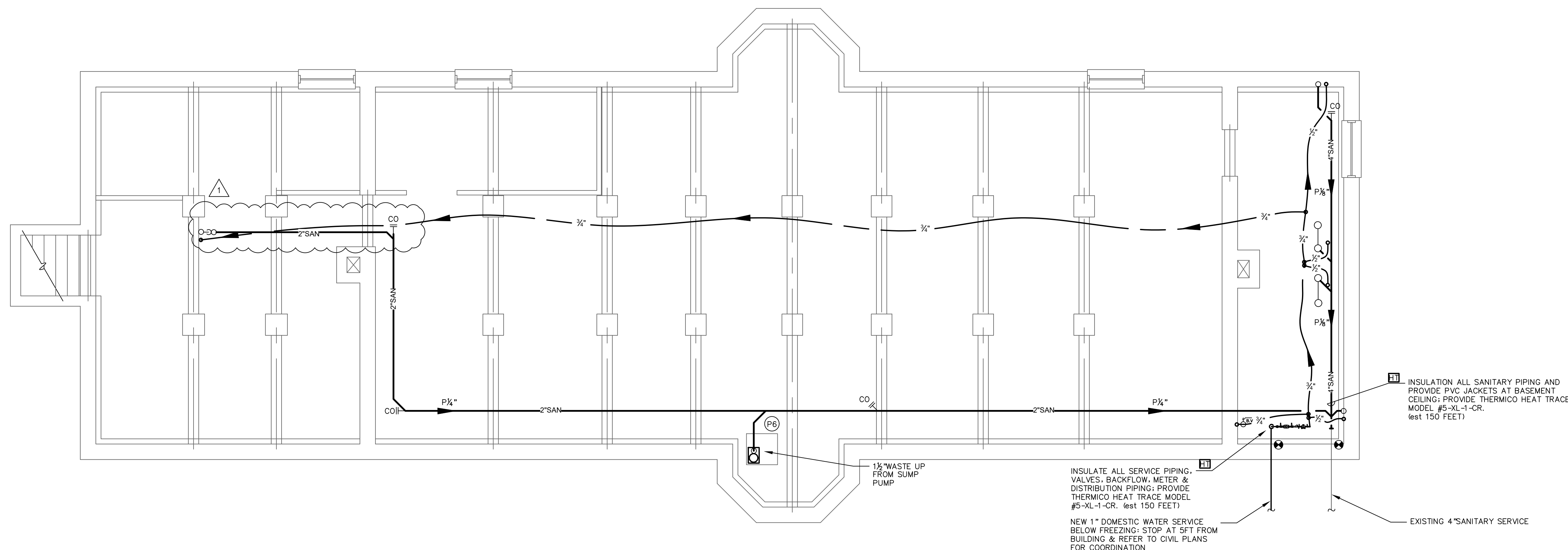
SYMBOL LIST	
•	 COLD WATER PIPE (CW)
•	 HOT WATER PIPE (HW)
•	 SANITARY PIPE (BROKEN LINE IS BELOW FLOOR)
•	 VENT PIPE (V)
•	 CONDENSATE / DRY PIPE
•	 DIRECTION OF FLOW
•	 WALL CLEANOUT
•	 CHECK VALVE
•	 VENT THROUGH ROOF
•	 BALL VALVE
•	 GAS PIPE
•	 GAS SHUT OFF
•	 HOSE BIBB NON-FREEZE WHEN INDICATED
•	 FLOOR DRAIN
•	 FLOOR DRAIN FROM ABOVE
•	 FLOOR CLEANOUT
•	 HEAT TRACE
•	 CONNECTION INTO EXISTING
•	 VERIFY IN FIELD
•	 TYPICAL

PLUMBING NOTES:

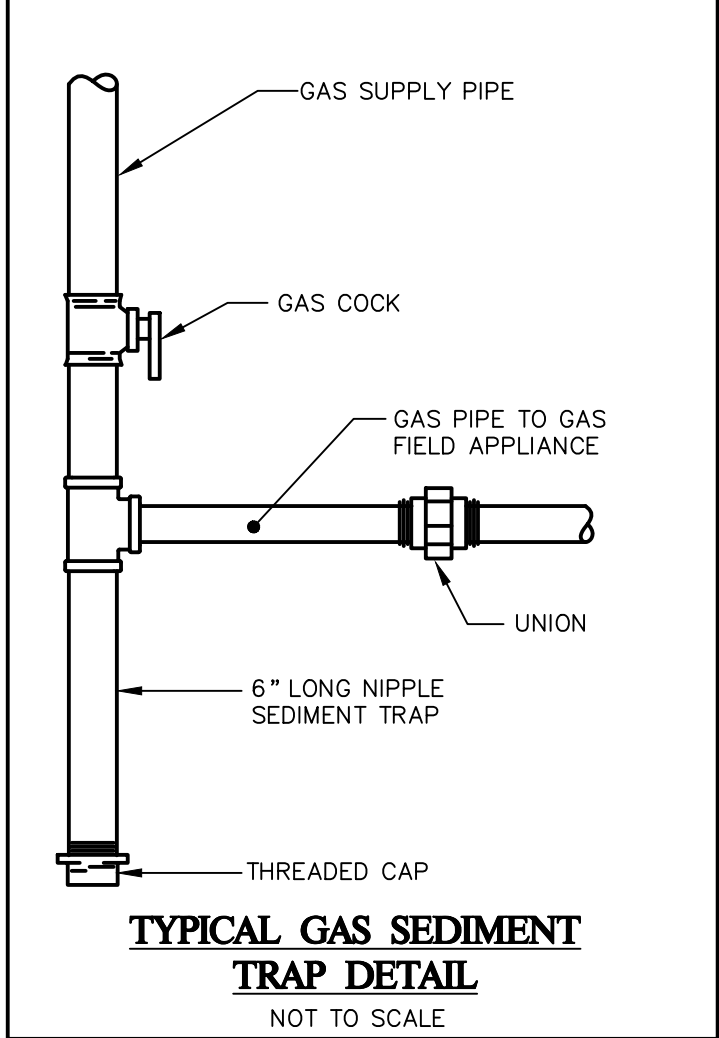
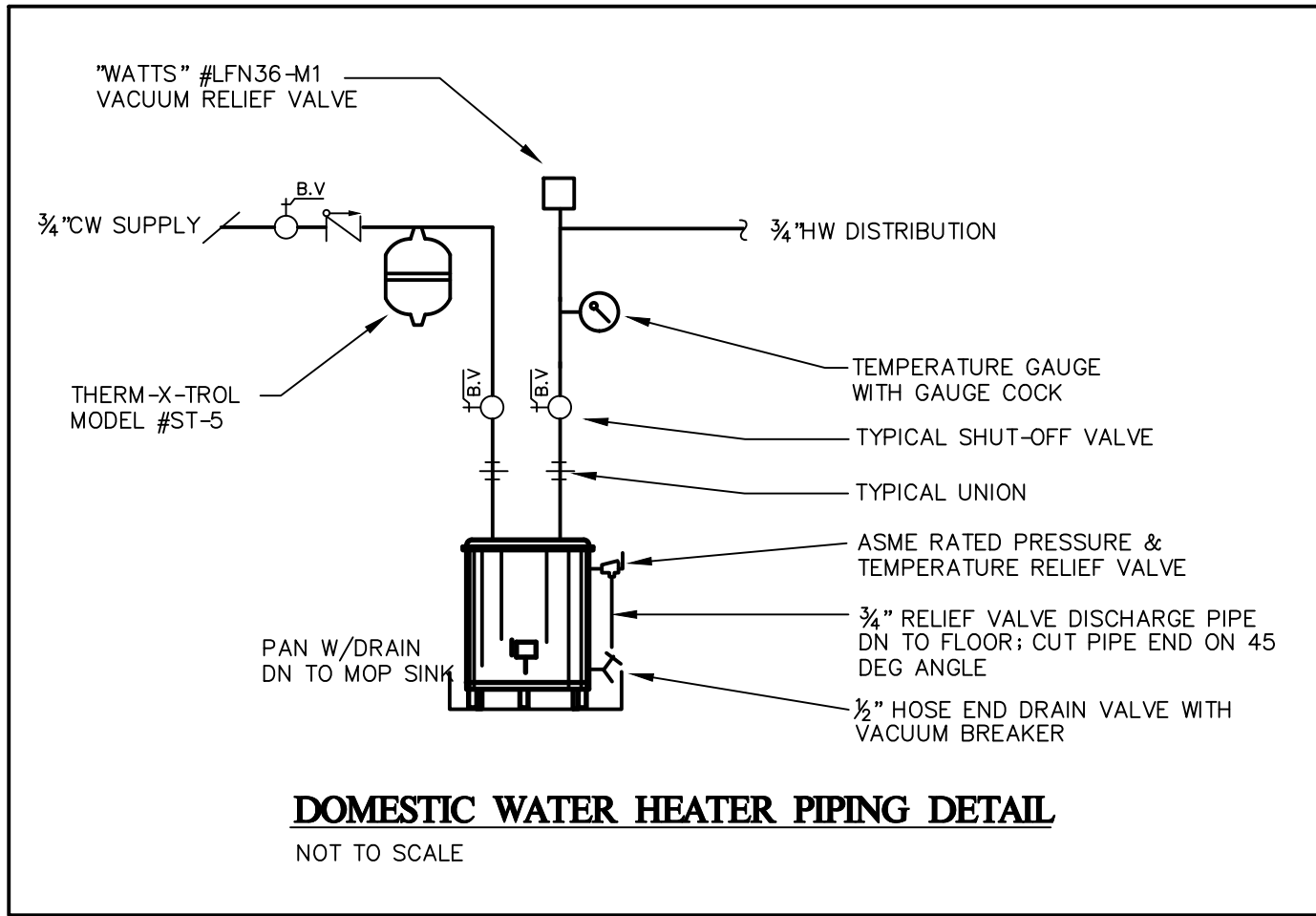
NOTES PERTAIN TO ALL DRAWINGS

1. ALL PLUMBING WORK TO BE IN ACCORDANCE WITH THE LOCAL PLUMBING CODE.
2. ALL WATER PIPING TO BE WITHIN THE HEATED ENVELOPE OF BUILDING UNLESS NOTED OTHERWISE WITH HEAT TRACE. CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO FIXTURES. BRANCH PLUMBING PIPES TO HAVE STOPS & TRAPS W/SCOUTCHEONS.
3. ALL PLUMBING PIPING TO BE CONCEALED ABOVE CEILINGS OR IN WALLS UNLESS NOTED OTHERWISE ON PLANS.
4. PIPING AS SHOWN IS ONLY DIAGRAMMATICALLY PRESENTED; CONTRACTOR IS TO COORDINATE WITH OTHER TRADES AND STRUCTURAL ELEMENTS. CONTRACTOR SHALL ALSO TO FURNISH ALL REQUIRED EQUIPMENT NECESSARY FOR A COMPLETE INSTALLATION.
5. ALL PENETRATIONS OF RATED ASSEMBLIES TO BE SEALED WITH APPROVED FIRE RATED CAULK; FIRE PENETRATION SYSTEMS SHALL MEET THE UL LISTING FOR EXISTING WALL OR FLOOR CONSTRUCTION.
6. SEE ARCHITECTURAL DRAWINGS FOR FIXTURE MOUNTING HEIGHTS.
7. INSULATE EXPOSED PIPING BELOW HANDICAP LAVATORIES AND SINKS.
8. ALL EXTERIOR EXPOSED GAS PIPING TO BE PAINTED.
9. ALL FIXTURE WATER TERMINATIONS TO BE COPPER & THROUGH THE WALLS AND HAVE ESCUTCHEON PLATES.
10. IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY IN THE FIELD ALL LOCATIONS AND SIZE OF EXISTING MAIN SANITARY AND WATER PIPING BEING TIED INTO AND VERIFY CONTINUITY, CONDITION AND PROPER SIZE. IF PIPING DOES NOT CONFORM TO ALL CONDITIONS THEN THE ARCHITECT & ENGINEER IS TO BE NOTIFIED.
11. ALL OVERHEAD PIPING AT BASEMENT CEILING TO START AS HIGH AS POSSIBLE TO MAXIMIZE CLEARANCE BELOW.

SCHEDULE OF SIZING FOR ROUGHING FOR PLUMBING FIXTURES			
WATER CLOSET- TANK TYPE	1/2" CW	3"	2"
LAVATORY SINK	1/2" H & CW	1-1/2"	1-1/2"
BREAKFAST SINK	1/2" H & CW	1-1/2"	1-1/2"
MOP SINK	1/2" H & CW	3"	2"
MOP SINK	3/4" CW		

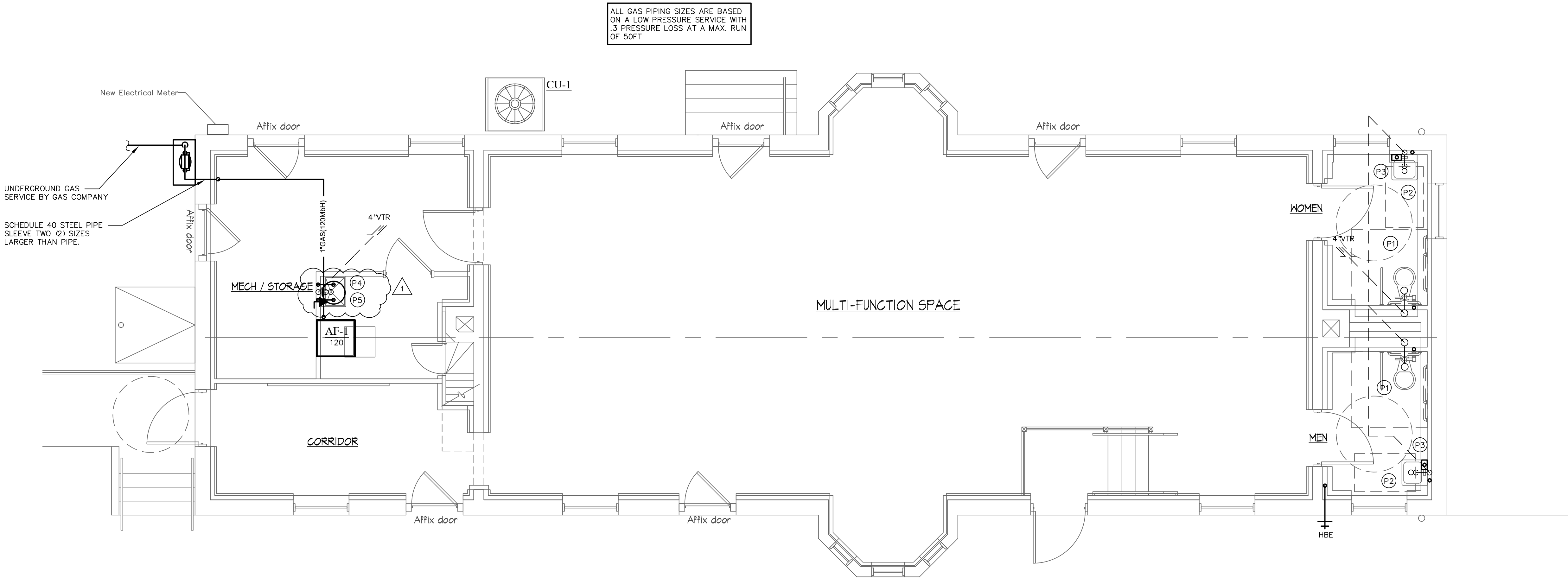


1 BASEMENT FLOOR PLAN
SCALE: $\frac{1}{4}" = 1' - 0"$

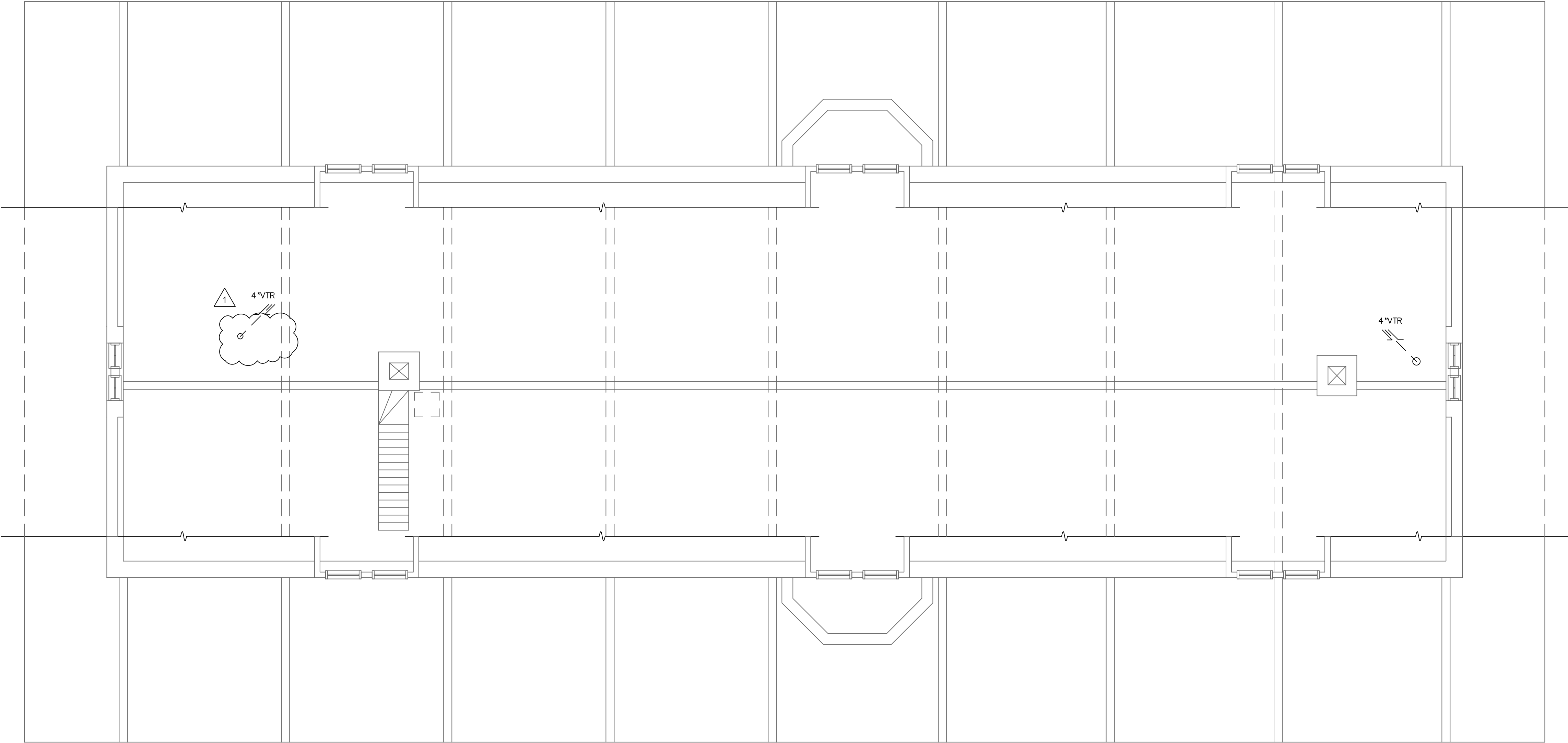


FIXTURE SCHEDULE

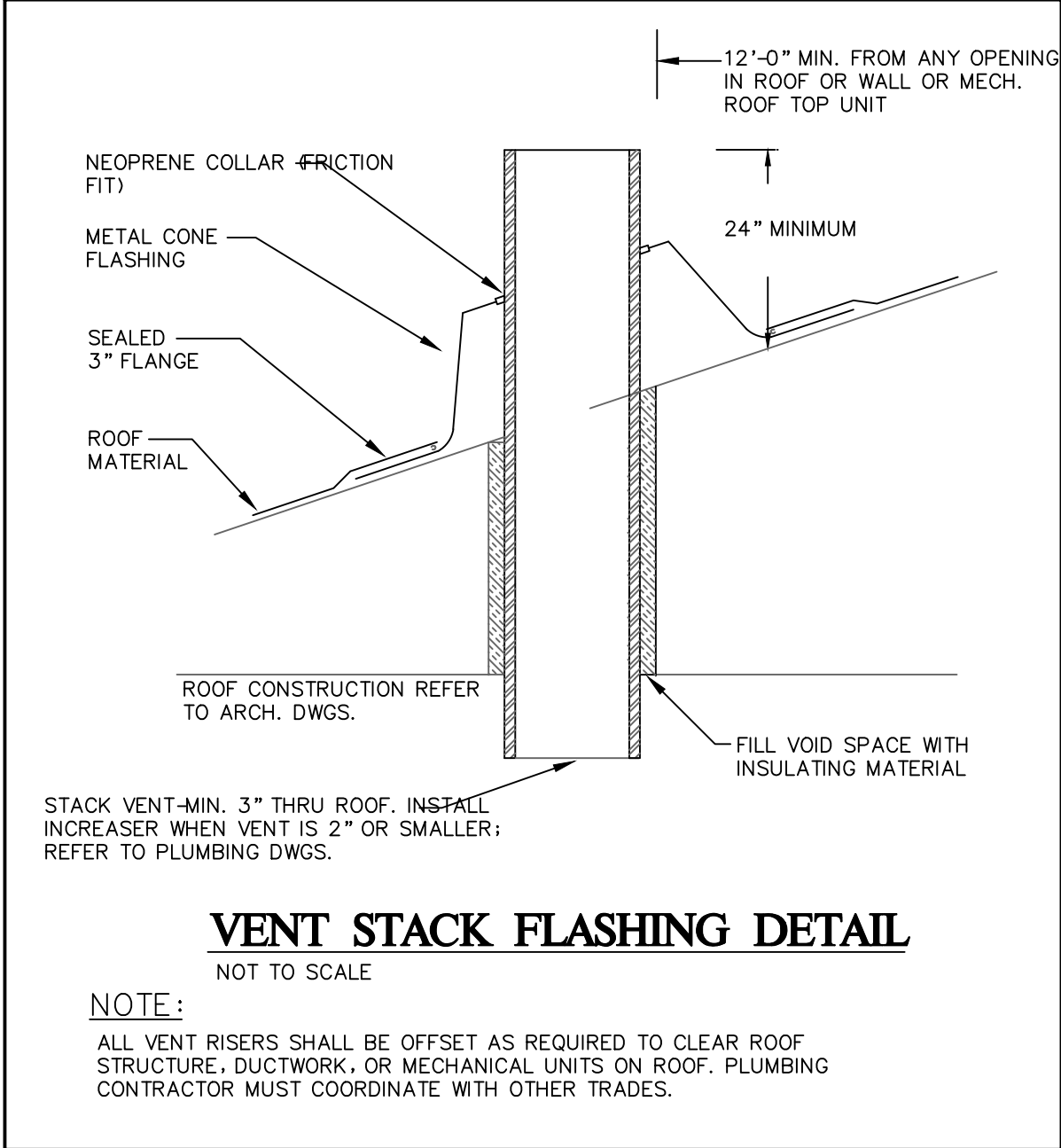
- (P1) FIXTURE: "Kohler", Highline, Pressure-Lite, Flushmate Elongated Toilet, Model #K-3493 Vitreous china. 17 1/2" Rim Height, 1.6 Gal. flush, Elongated bowl, Floor mounted, Floor outlet. Provide Braided supplies, stops & escutcheons. Fixture is ADA Compliant.
Seat: "CENTOCO" #630ST-001 Commercial Standard Elongated bowl, open front seat LESS cover.
- (P2) FIXTURE: "Kohler", Kingston, Wall mounted lavatory, Model #K-2005. Vitreous china, 4" center holes, concealed arms. Provide with wall carrier, Braided supplies, stops & escutcheons, 1 1/4" 17ga chrome P-trap. Front overflow, 21 1/2"x18 1/8" size. Undersink protection by "TRUEBRO LAV GUARD" Model #102 E-Z.
Trim: "Symmons" Model #S-20-2-G-W-.5, 6" Lever chrome finish Faucet with grid drain assembly, vandal resistant 1/2GPM aerator. Fixture is ADA Compliant.
- (P3) "Emax", Model #SPEX4208T, Point of Use Electric Water Heater, 208V, 4.1 kWatt, 56" rise @ .5gpm with thermostatic heater, Size: 5 1/4"W x 9 3/4"H x 3'D.
- (P4) FIXTURE: "Fiat", Service Sink, Model #MSB-2424 Molded-stone mop service sink.
Trim: "Fiat", Service Faucet, Model #B30-AA, 30" hose & bracket Model #B32-AA, Mop bracket Model #B89CC, Wall guard Model #MSG 2424.
- (P5) "A.O. Smith", Model #DEL-10, Electric Water Heater, 10 Gal. capacity, Single phase, 120V, 1500 Watt, 7 gph recovery @ 90°F rise, Size: 18 1/4"H x 18"Dia., TOP connections, T&P relief valve. Provide pan with 1" drain.
- (P6) FIXTURE: "Liberty Pump" Sump pump, Model #237 VMF Series with ALM-P1-EYE, 1/2 hp, 115 V, 5.2 Amp, 35gpm @ 10'. Provide with check valve. Provided with NightEye Wi-Fi alarm system.
- FD Commercial Floor Drain - "Sioux Chief" Halo Adjustable Floor Drain with Deck Flange, #822-M-F3DSR, Clamping collar, 3" No-Hub, round stainless steel strainer. Provide trap shield inserts or 1/2" trap primer connection (see plans for types).
- HBE ANSI/ASSE 1019; Non-freeze, self-draining type with chrome plated hose thread spout, removable key and integral vacuum breaker. Hydrant shall be Model #25C an manufactured by Woodford or approval equal.

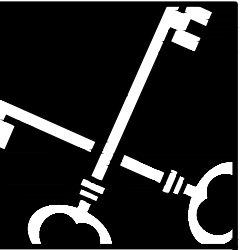


1 FIRST FLOOR PLAN
SCALE: 1/4" = 1' - 0"



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





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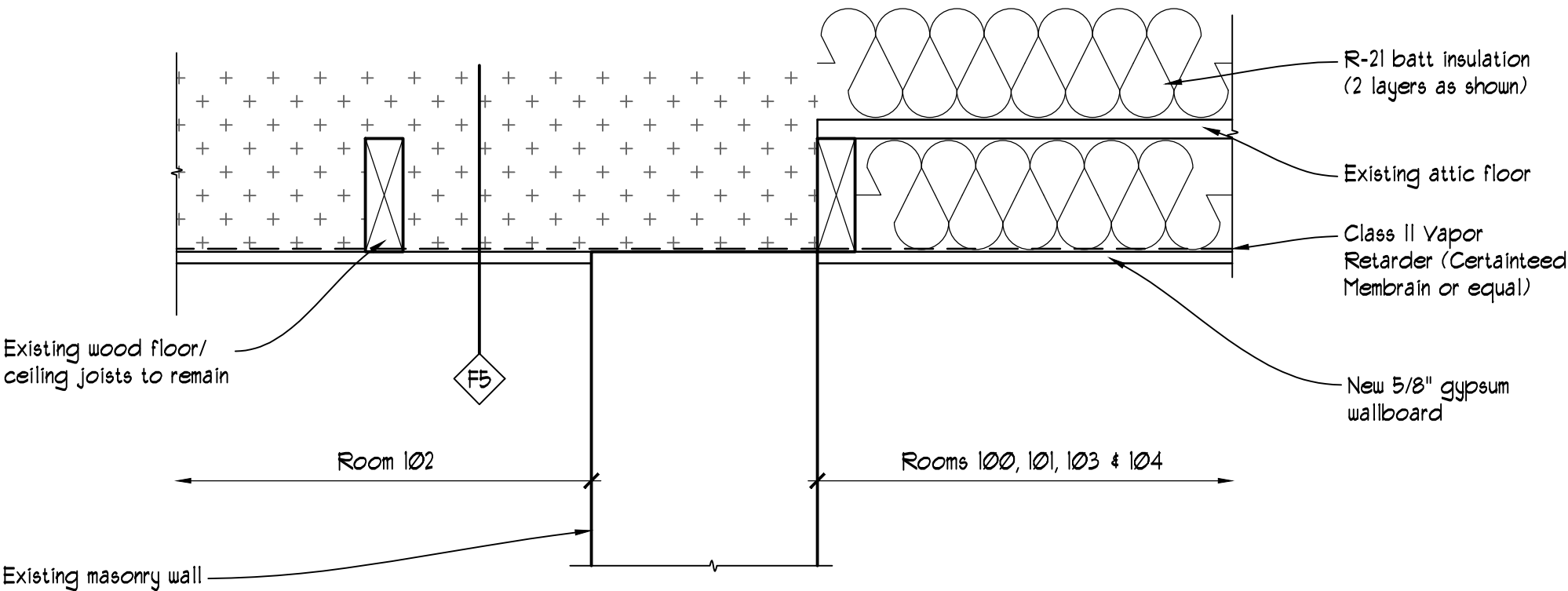
WL Train Station

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Drawn: TN
Date: 6/18/25

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SK-1



ATTIC INSULATION DETAIL

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