

CHAMPAIGN COUNTY - SELECT BUILDING DEMOLITION

1701 E Main St,
Urbana, IL 61802
ISSUED FOR BID - 02/09/2026
ITB #2026-002



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Champaign, IL 61820

ABBREVIATIONS

A	
ACT	ACOUSTICAL CEILING TILE
AD	AREA DRAIN
AFF	ABOVE FINISHED FLOOR
ALUM	ALUMINUM
ANOD	ANODIZED
APPROX	APPROXIMATE
B	
BSMT	BASEMENT
BTTM/	BOTTOM OF
C	
C/C	CENTER TO CENTER
CIP	CAST IN PLACE
CJ	CONTROL JOINT
CLG	CEILING
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE
CONST JT	CONSTRUCTION JOINT
CONT	CONTINUOUS
CPT	CARPET
CT	CERAMIC TILE
D	
DBL	DOUBLE
DEMO	DEMOLISH
DIA	DIAMETER
DIMS	DIMENSIONS
DN	DOWN
DTL	DETAIL
DWG	DRAWING
E	
EA	EACH
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
ELEV	ELEVATOR / ELEVATION
EPDM	ETHYLENE PROPYLENE DIENE ROOFING
EQ	EQUAL
EXIST	EXISTING
EXT	EXTERIOR
F	
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FFE	FINISHED FLOOR ELEVATION
FIN	FINISH
FLR	FLOOR
FND	FOUNDATION
FO	FACE OF
FTG	FOOTING
G	
GA	GAUGE
GALV	GALVANIZED
GWB	GYPSUM WALL BOARD
H	
HC	HOLLOW CORE
HM	HOLLOW METAL
HVAC	HEATING, VENTILATING, AND AIR CONDITIONING

I	
INSUL	INSULATION / INSULATED
INT	INTERIOR
IRGWB	IMPACT RESISTANT GYPSUM WALLBOARD
L	
LAV	LAVATORY
M	
MATL	MATERIAL
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MO	MASONRY OPENING
MRGWB	MOISTURE-RESISTANT GYPSUM WALL BOARD
MTD	MOUNTED
MTL	METAL
N	
NIC	NOT IN CONTRACT
NO	NUMBER
NOM	NOMINAL
O	
OC	ON CENTER
OH	OPPOSITE HAND
OZ	OUNCE
P	
PCC	PRE-CAST CONCRETE
PLUMB	PLUMBING
PNT	PAINT/PAINTED
PSI	POUNDS PER SQUARE INCH
PT	PRESSURE TREATED
PVC	POLYVINYL CHLORIDE
R	
R	RADIUS
RBR	RUBBER
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
REINF	REINFORCED
REQD	REQUIRED
RM	ROOM
S	
SF	SQUARE FOOT
SIM	SIMILAR
SOG	SLAB ON GRADE
SPEC	SPECIFIED OR SPECIFICATION
SPK	SPRINKLER
SQ	SQUARE
SSTL	STAINLESS STEEL
STC	SOUND TRANSMISSION COEFFICIENT
STL	STEEL
STRUCT	STRUCTURAL
T	
T&G	TONGUE & GROOVE
T/	TOP OF
T/D	TELEPHONE/DATA
TELE	TELEPHONE
TLT	TOILET
TOC	TOP OF CONCRETE
TOS	TOP OF STEEL / STRUCTURE
TOW	TOP OF WALL
TYP	TYPICAL

U	
UNO	UNLESS NOTED OTHERWISE
V	
VIF	VERIFY IN FIELD
VP	VISION PANEL
W	
W/	WITH
WD	WOOD
WWF	WELDED WIRE FABRIC

DRAWING MATRIX

Sheet Number	Sheet Name	ISSUED FO BID - 02.09.2026			
GENERAL					
G000	COVER		•		
G002	SITE LOGISTIC PLAN		•		
ARCHITECTURAL					
D100	DEMOLITION PLANS		•		
A100	RESTORATION PLANS		•		
A500	PARTIAL BUILDING SECTIONS, ELEVATION, AND DETAILS		•		
A900	DOOR SCHEDULES AND DETAILS		•		
MECHANICAL					
MEP000	MEP-FP SITE PLAN		•		
MEP100	BASEMENT MEP-FP PLAN		•		
MEP101	FIRST FLOOR MEP-FP PLAN		•		
MEP200	SPECIFICATIONS		•		

SCOPE OF WORK SUMMARY

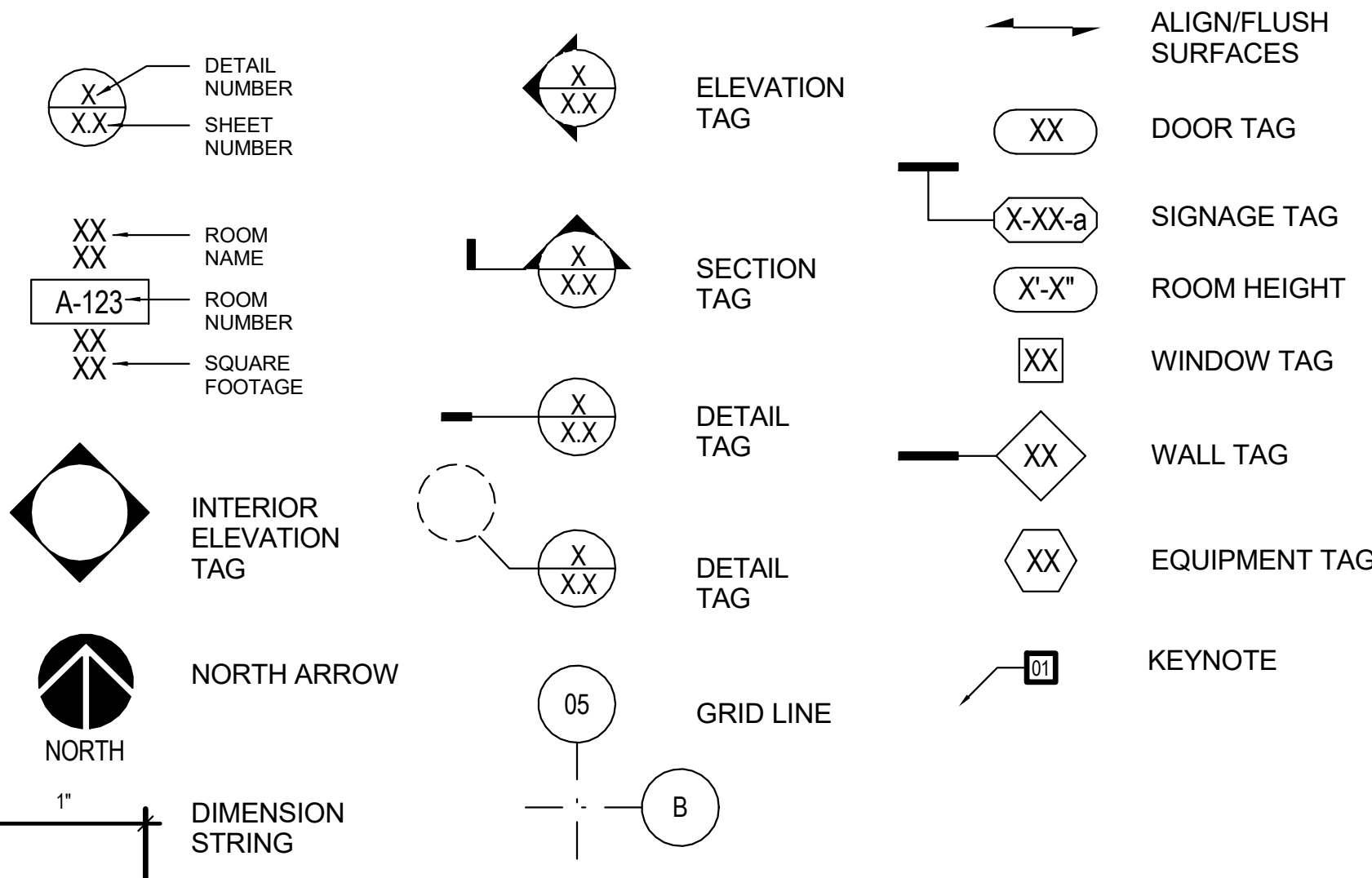
THE PROJECT IS LOCATED IN CHAMPAIGN COUNTY IN URBANA, ILLINOIS. THE PRIMARY SCOPE OF WORK INCLUDES DEMOLISHING THE ENTIRE NURSING HOME BUILDING THAT IS CURRENTLY CONNECTED TO THE ILEAS FACILITY. CONNECTIONS BETWEEN THE OCCUPIED ILEAS SPACE IN THE AREA TO BE REMOVED IS TO BE MODIFIED TO PROVIDE A WATERTIGHT BARRIER.

- RELATED WORK GENERALLY INCLUDES, BUT IS NOT LIMITED TO:
- SELECT REMOVAL OF EXTERIOR ELEMENTS
 - COMPLETE DEMOLITION OF BUILDING
 - SELECT REMOVAL OF SIDEWALKS
 - REMOVAL OF UTILITIES AND HAZARDOUS MATERIALS
 - INFILL OF BASEMENT, GRADING, COMPACTION, AND ESTABLISHMENT OF GRASS
 - MODIFICATIONS AT CONNECTION TO EXISTING FACILITY INCLUDING CONSTRUCTION OF AREA WELL

REVISION SCHEDULE

DATE	DRAWING SET TITLE
1.30.2026	95% CONSTRUCTION DOCUMENTS
2.9.2026	ISSUED FOR BID

SYMBOLS LEGEND



PROJECT AXON - FOR INFORMATION ONLY



LOCATION MAP



1701 E MAIN ST., URBANA, IL 61802

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Urbana, IL 61802

Drawing Title

COVER

Expiration Date of Seal: 11-30-2026

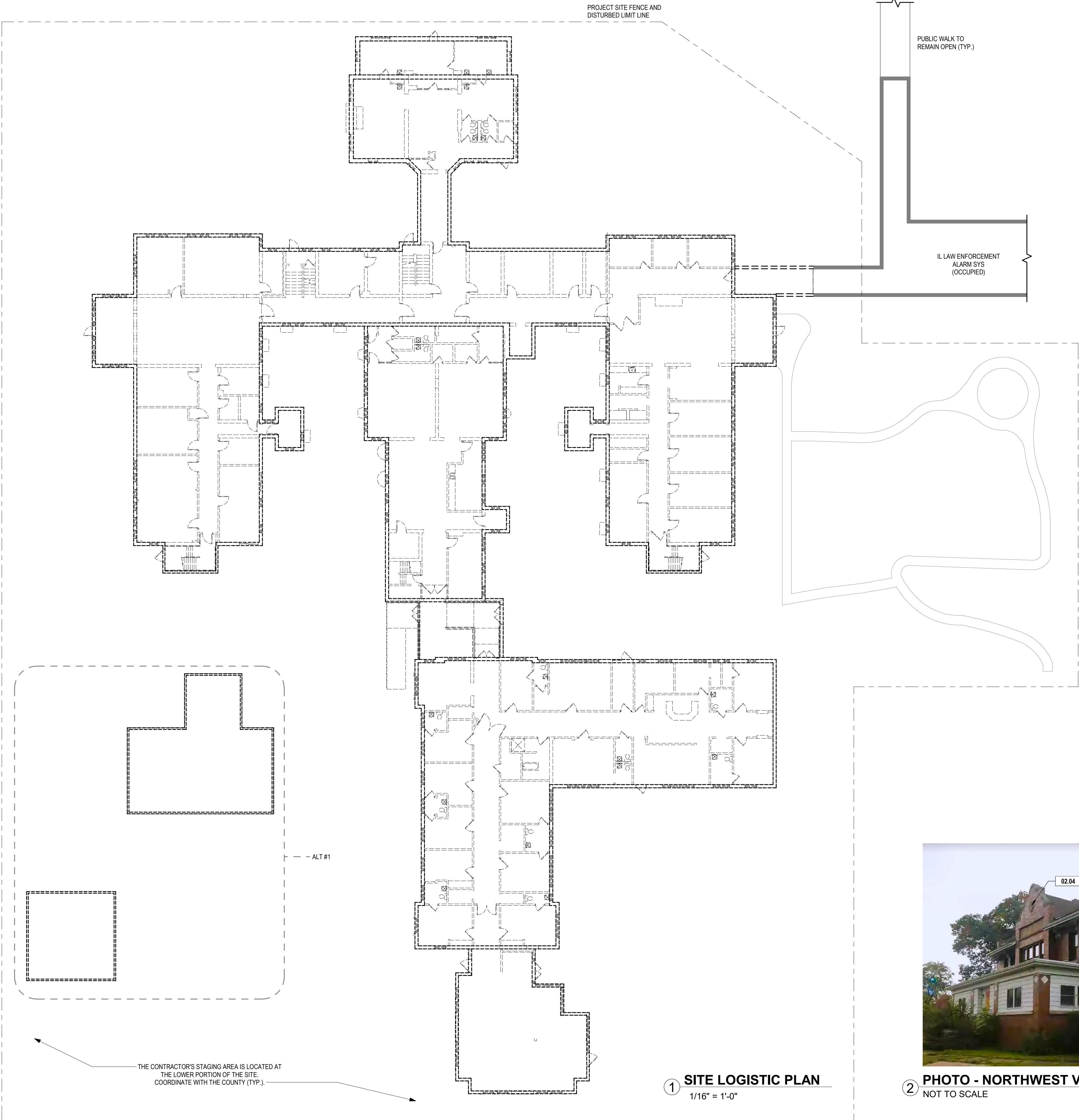
ITB No. 2026-002

BE Project No. 024002

Drawn By: LG

Drawing No. G000

02.09.2026



GENERAL SITE NOTES

- THE ILEAS BUILDING WILL BE OCCUPIED BY THE USING AGENCY DURING CONSTRUCTION. GENERAL CONTRACTOR SHALL PROVIDE REASONABLE ACCESS TO THE BUILDING TO ALLOW NORMAL OPERATION AND USE.
- THE PUBLIC WAY AND EXISTING SIDEWALK SHALL REMAIN OPEN AND ACCESSIBLE IN THE EVENT OF AN EMERGENCY OR AS REQUIRED BY THE USING AGENCY AND THE AUTHORITIES HAVING JURISDICTION. COORDINATE WITH THE PHASING AND SCHEDULING OF THE WORK.
- THE GENERAL CONTRACTOR AGENT SHALL PROVIDE TEMPORARY PROTECTION OF ALL SITE ELEMENTS, LANDSCAPING, AND EXISTING BUILDING ELEMENTS SHOWN TO REMAIN TO PREVENT DAMAGE DURING CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY CEASE WORK AND CONTACT THE USING AGENCY AND THE ARCHITECT IF SITE CONDITIONS OR EXISTING BUILDING CONDITIONS IMPEDE THE WORK SHOW. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT AND/OR REPAIR OF ANY ELEMENT DAMAGED DURING CONSTRUCTION AND RESTORE SUCH ELEMENTS TO A NEW-LIKE CONDITION, AESTHETICALLY MATCHING EXISTING CONDITIONS, ACCEPTABLE TO THE ARCHITECT AND THE OWNER. THE CONTRACTOR'S REPLACEMENT/REPAIR MAY EXTEND BEYOND THE ORIGINAL ELEMENTS DAMAGED BY NEARBY CONSTRUCTION OR CONTROL JOINTS. CONTRACTOR TO RE-SEED ANY DAMAGED LANDSCAPING DUE TO CONSTRUCTION.
- DIMENSIONS TO BE VERIFIED IN FIELD. FIELD VERIFY BEFORE ORDERING MATERIALS OR BEGINNING ANY WORK. REPORT ANY VARIANCES TO ARCHITECT.
- ALL CONTRACTORS SHALL VISIT PROJECT SITE PRIOR TO BIDDING.
- GENERAL CONTRACTOR SHALL REPAIR ALL EXISTING LAWN AREAS, LANDSCAPE MATERIALS, CURBS AND PAVING, WALKS, AND OTHER SITE ITEMS, CUT OR DAMAGED DURING CONSTRUCTION OPERATIONS.
- GENERAL CONTRACTOR TO PROVIDE SECURITY FENCING AROUND DEMOLITION OPERATION AND STORAGE AREAS.
- DO NOT BEGIN DEMOLITION OPERATIONS UNTIL MATERIALS TO IMMEDIATELY BEGIN RECONSTRUCTION ARE ON SITE.
- GENERAL CONTRACTOR SHALL CONFINE OPERATIONS TO WITHIN THE DISTURBED LIMITS.
- SEE MEP SHEETS FOR RELATED REMOVALS. COORDINATE REMOVALS WITH ALL TRADES.
- GENERAL CONTRACTOR TO PROVIDE ALL DIRECTIONAL SIGNAGE, ACCESSIBLE SIGNAGE, AND LIGHTING TO KEEP SITE AND ITS CONTEXT FUNCTIONAL AND SAFE THROUGHOUT THE SCHEDULE OF THE PROJECT.
- GENERAL CONTRACTOR TO KEEP GROUND PLANE AND PEDESTRIAN WALKING AREAS SAFE AND FREE FROM OBSTRUCTIONS, CROSS SLOPES, AND OTHER IMPEDIMENTS THAT COULD MAKE THE WALKING SURFACES UNSAFE OR IN CONTRADICTION WITH FEDERAL ACCESSIBILITY CODES.

SHEET KEYNOTES

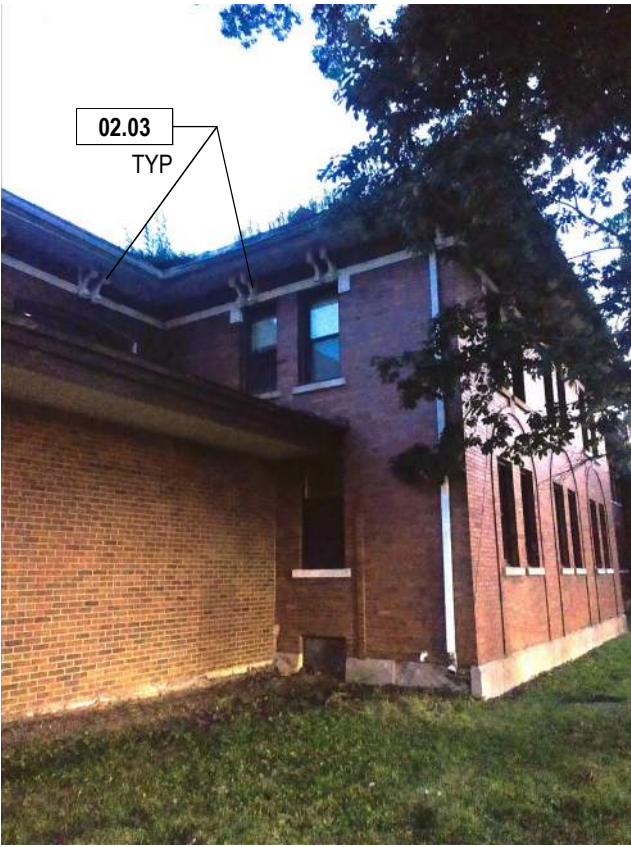
- 02.03 CAREFULLY REMOVE AND SALVAGE ALL EXISTING WOOD BRACKET
- 02.04 CAREFULLY REMOVE AND SALVAGE EXISTING CARVED STONE (2 THUS).
- 02.09 REMOVE THE EXISTING CONDUIT AND ACCESSORIES IN ITS ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED. SEE MEP SHEETS FOR ADDITIONAL INFORMATION.



4 PHOTO - INT. BASEMENT VIEW
NOT TO SCALE



2 PHOTO - NORTHWEST VIEW
NOT TO SCALE



3 PHOTO - NORTHEAST VIEW
NOT TO SCALE



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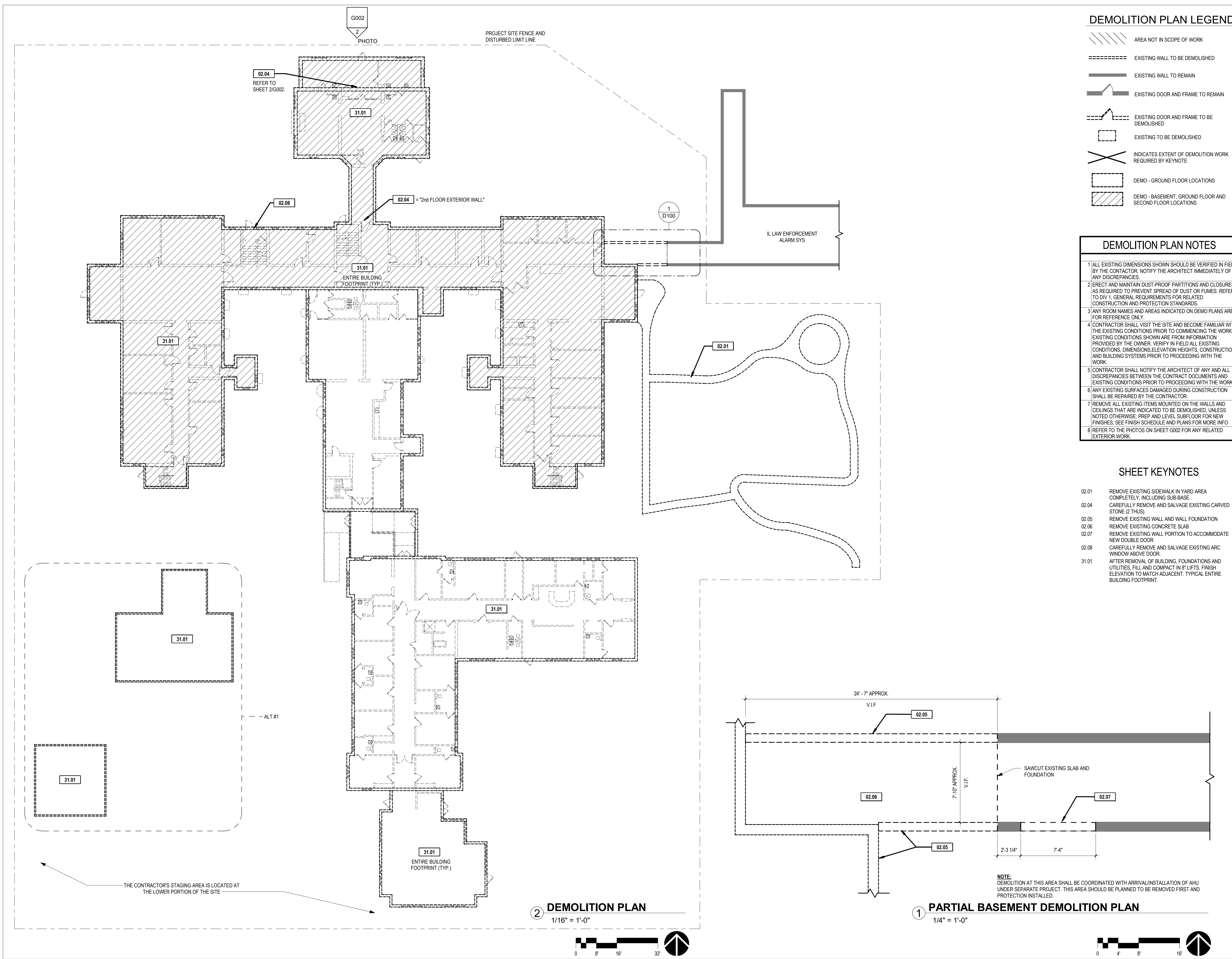
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CHAMPAIGN COUNTY -
SELECT BUILDING
DEMOLITION

1701 E Main St,
Urbana, IL 61802

SITE LOGISTIC PLAN

Expiration Date of Seal: 11-30-2026	ITB No. 2026-002
	BE Project No. 024002
	Drawn By: LG
	Drawing No. G002



DEMOLITION PLAN LEGEND

- AREA NOT IN SCOPE OF WORK
- EXISTING WALL TO BE DEMOLISHED
- EXISTING WALL TO REMAIN
- EXISTING DOOR AND FRAME TO REMAIN
- EXISTING DOOR AND FRAME TO BE DEMOLISHED
- EXISTING TO BE DEMOLISHED
- INDICATES EXTENT OF DEMOLITION WORK REQUIRED BY KEYNOTE
- DEMO - GROUND FLOOR LOCATIONS
- DEMO - BASEMENT, GROUND FLOOR AND SECOND FLOOR LOCATIONS

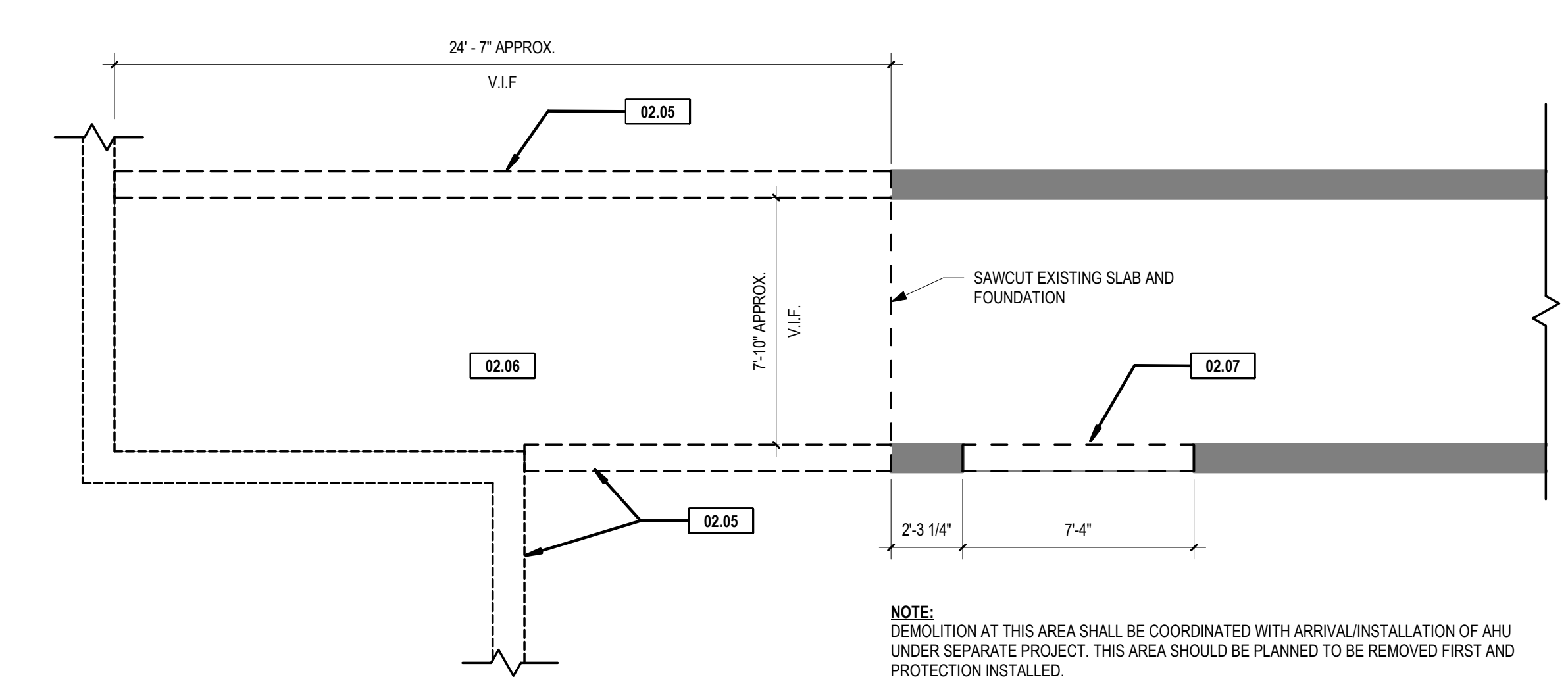
DEMOLITION PLAN NOTES

- ALL EXISTING DIMENSIONS SHOWN SHOULD BE VERIFIED IN FIELD BY THE CONTRACTOR. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- ERECT AND MAINTAIN DUST-PROOF PARTITIONS AND CLOSURES AS REQUIRED TO PREVENT SPREAD OF DUST OR FUMES. REFER TO DIV 1, GENERAL REQUIREMENTS FOR RELATED CONSTRUCTION AND PROTECTION STANDARDS.
- ANY ROOM NAMES AND AREAS INDICATED ON DEMO PLANS ARE FOR REFERENCE ONLY.
- CONTRACTOR SHALL VISIT THE SITE AND BECOME FAMILIAR WITH THE EXISTING CONDITIONS PRIOR TO COMMENCING THE WORK. EXISTING CONDITIONS SHOWN ARE FROM INFORMATION PROVIDED BY THE OWNER. VERIFY IN FIELD ALL EXISTING CONDITIONS, DIMENSIONS, ELEVATION HEIGHTS, CONSTRUCTION AND BUILDING SYSTEMS PRIOR TO PROCEEDING WITH THE WORK.
- CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY AND ALL DISCREPANCIES BETWEEN THE CONTRACT DOCUMENTS AND EXISTING CONDITIONS PRIOR TO PROCEEDING WITH THE WORK.
- ANY EXISTING SURFACES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR.
- REMOVE ALL EXISTING ITEMS MOUNTED ON THE WALLS AND CEILINGS THAT ARE INDICATED TO BE DEMOLISHED, UNLESS NOTED OTHERWISE. PREP AND LEVEL SUBFLOOR FOR NEW FINISHES. SEE FINISH SCHEDULE AND PLANS FOR MORE INFO.
- REFER TO THE PHOTOS ON SHEET G002 FOR ANY RELATED EXTERIOR WORK.

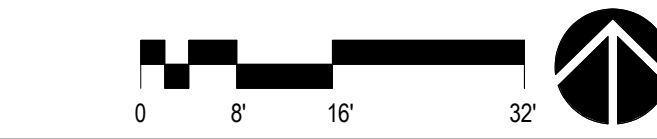
SHEET KEYNOTES

- 02.01 REMOVE EXISTING SIDEWALK IN YARD AREA COMPLETELY, INCLUDING SUB-BASE.
- 02.04 CAREFULLY REMOVE AND SALVAGE EXISTING CARVED STONE (2 THUS).
- 02.05 REMOVE EXISTING WALL AND WALL FOUNDATION
- 02.06 REMOVE EXISTING CONCRETE SLAB
- 02.07 REMOVE EXISTING WALL PORTION TO ACCOMMODATE NEW DOUBLE DOOR
- 02.08 CAREFULLY REMOVE AND SALVAGE EXISTING ARC WINDOW ABOVE DOOR.
- 31.01 AFTER REMOVAL OF BUILDING, FOUNDATIONS AND UTILITIES, FILL AND COMPACT IN 8" LIFTS. FINISH ELEVATION TO MATCH ADJACENT. TYPICAL ENTIRE BUILDING FOOTPRINT.

PARTIAL BASEMENT DEMOLITION PLAN



DEMOLITION PLAN



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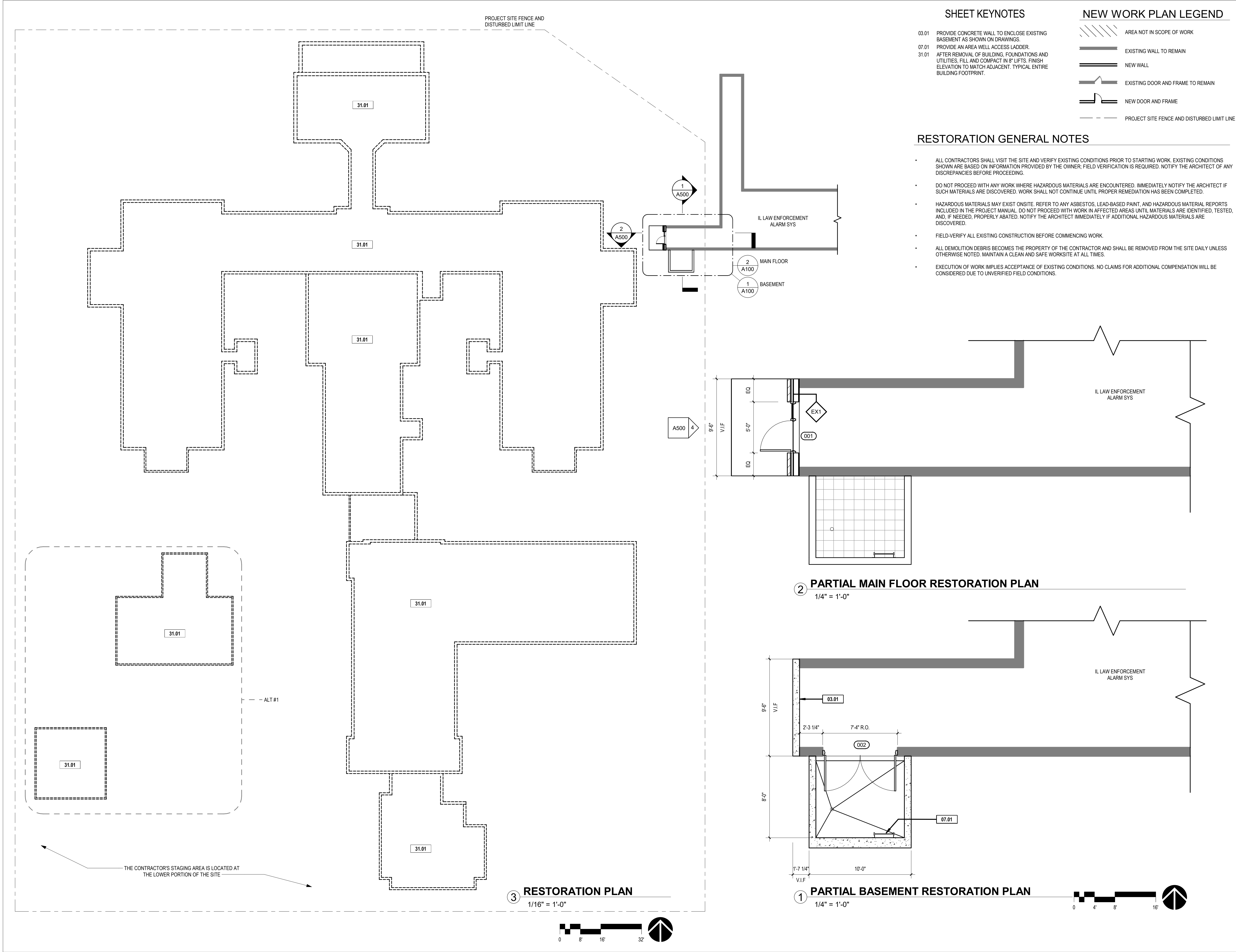
DEMOLITION PLANS

Expiration Date of Seal: 11-30-2026	ITB No. 2026-002
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BE Project No. 024002	Drawn By: Author
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Drawing No. D100

02.09.2026



SHEET KEYNOTES

03.01

PROVIDE CONCRETE WALL TO ENCLOSE EXISTING BASEMENT AS SHOWN ON DRAWINGS.

07.01

PROVIDE AN AREA WELL ACCESS LADDER.

31.01

AFTER REMOVAL OF BUILDING, FOUNDATIONS AND UTILITIES, FILL AND COMPACT IN 8" LIFTS. FINISH ELEVATION TO MATCH ADJACENT. TYPICAL ENTIRE BUILDING FOOTPRINT.

NEW WORK PLAN LEGEND

AREA NOT IN SCOPE OF WORK

EXISTING WALL TO REMAIN

NEW WALL

EXISTING DOOR AND FRAME TO REMAIN

NEW DOOR AND FRAME

PROJECT SITE FENCE AND DISTURBED LIMIT LINE

- RESTORATION GENERAL NOTES
- ALL CONTRACTORS SHALL VISIT THE SITE AND VERIFY EXISTING CONDITIONS PRIOR TO STARTING WORK. EXISTING CONDITIONS SHOWN ARE BASED ON INFORMATION PROVIDED BY THE OWNER. FIELD VERIFICATION IS REQUIRED. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING.

DO NOT PROCEED WITH ANY WORK WHERE HAZARDOUS MATERIALS ARE ENCOUNTERED. IMMEDIATELY NOTIFY THE ARCHITECT IF SUCH MATERIALS ARE DISCOVERED. WORK SHALL NOT CONTINUE UNTIL PROPER REMEDIATION HAS BEEN COMPLETED.

HAZARDOUS MATERIALS MAY EXIST ONSITE. REFER TO ANY ASBESTOS, LEAD-BASED PAINT, AND HAZARDOUS MATERIAL REPORTS INCLUDED IN THE PROJECT MANUAL. DO NOT PROCEED WITH WORK IN AFFECTED AREAS UNTIL MATERIALS ARE IDENTIFIED, TESTED, AND, IF NEEDED, PROPERLY ABATED. NOTIFY THE ARCHITECT IMMEDIATELY IF ADDITIONAL HAZARDOUS MATERIALS ARE DISCOVERED.

FIELD-VERIFY ALL EXISTING CONSTRUCTION BEFORE COMMENCING WORK.

ALL DEMOLITION DEBRIS BECOMES THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE DAILY UNLESS OTHERWISE NOTED. MAINTAIN A CLEAN AND SAFE WORKSITE AT ALL TIMES.

EXECUTION OF WORK IMPLIES ACCEPTANCE OF EXISTING CONDITIONS. NO CLAIMS FOR ADDITIONAL COMPENSATION WILL BE CONSIDERED DUE TO UNVERIFIED FIELD CONDITIONS.

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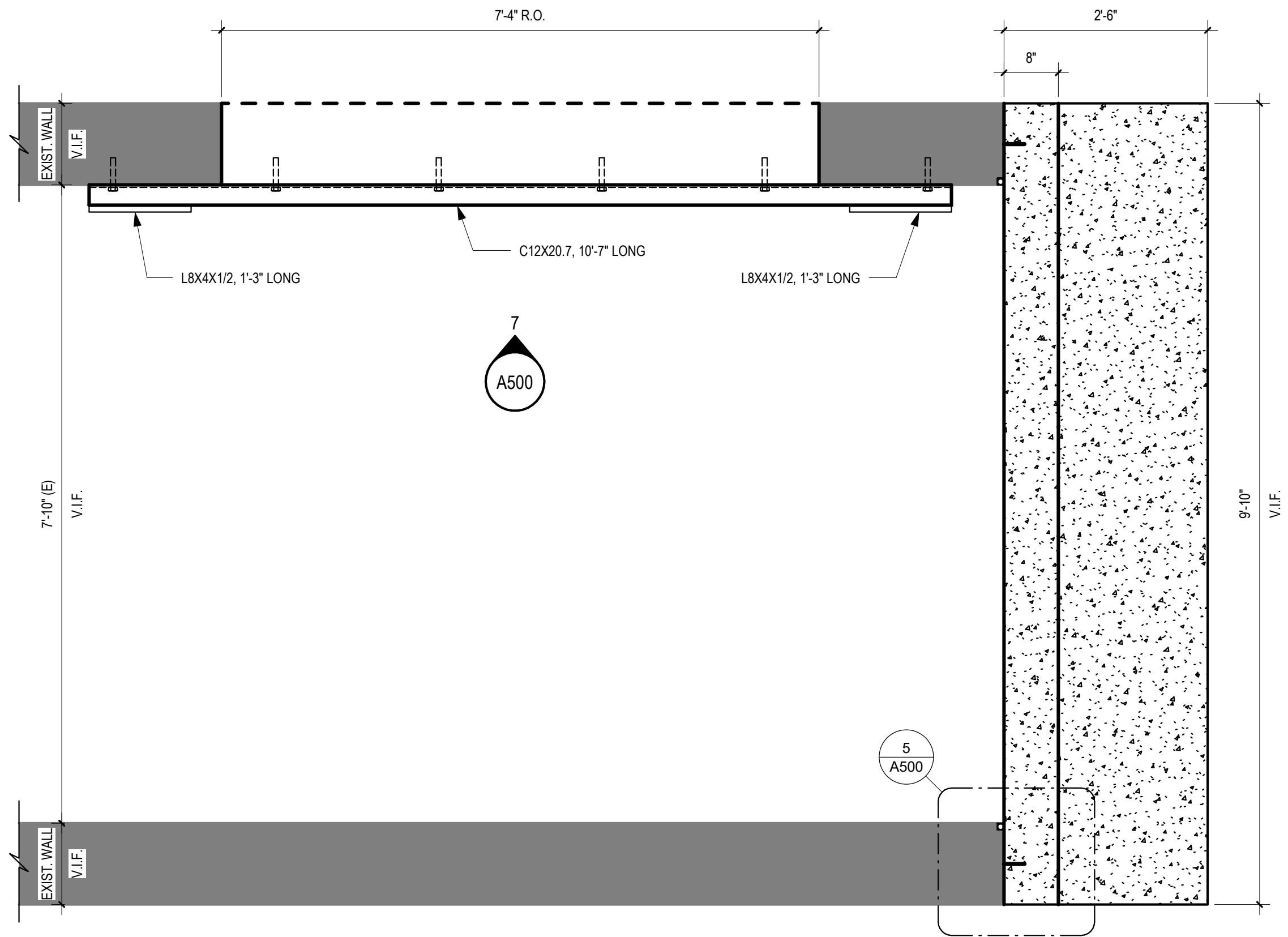
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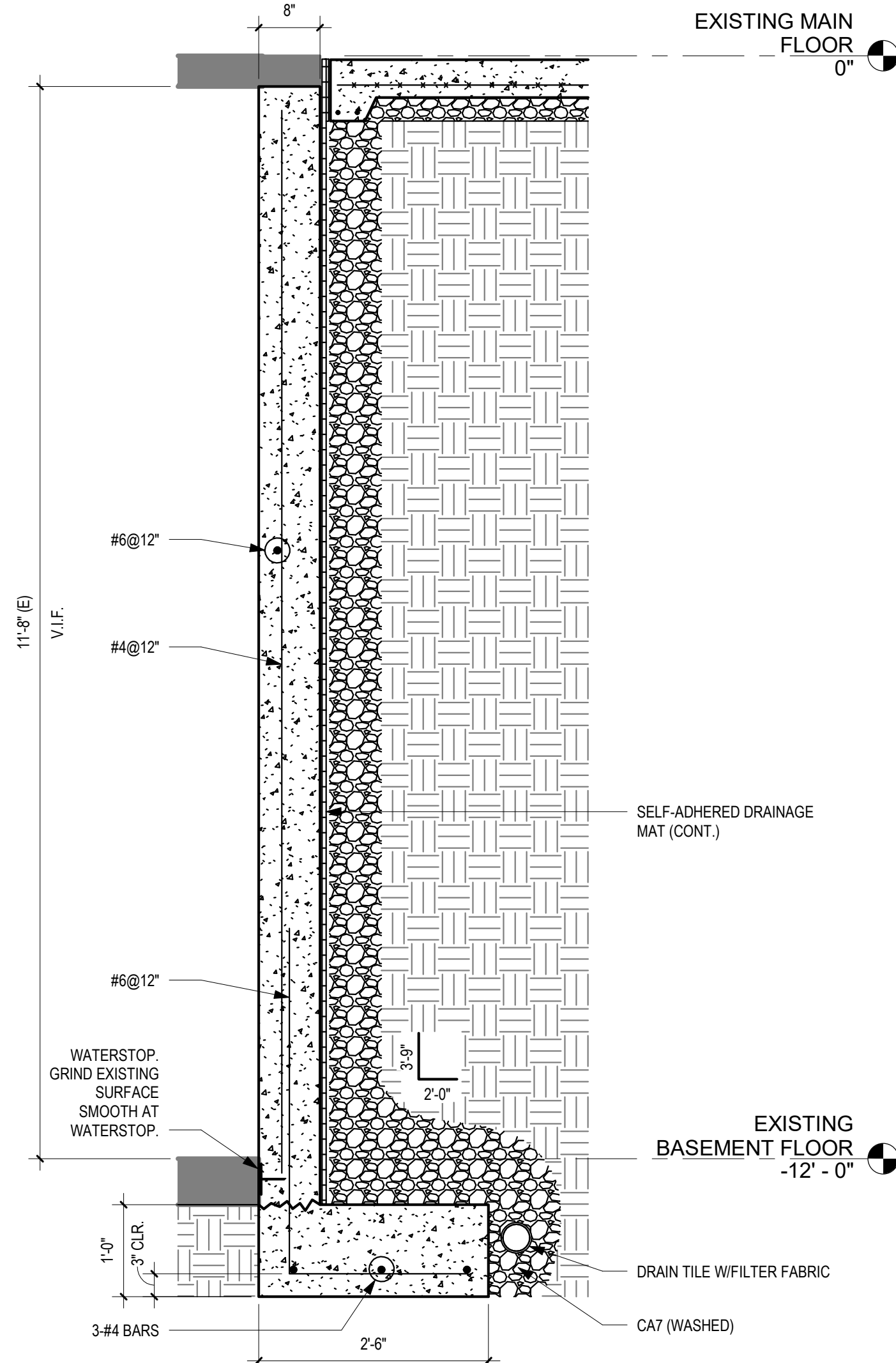
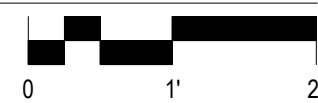
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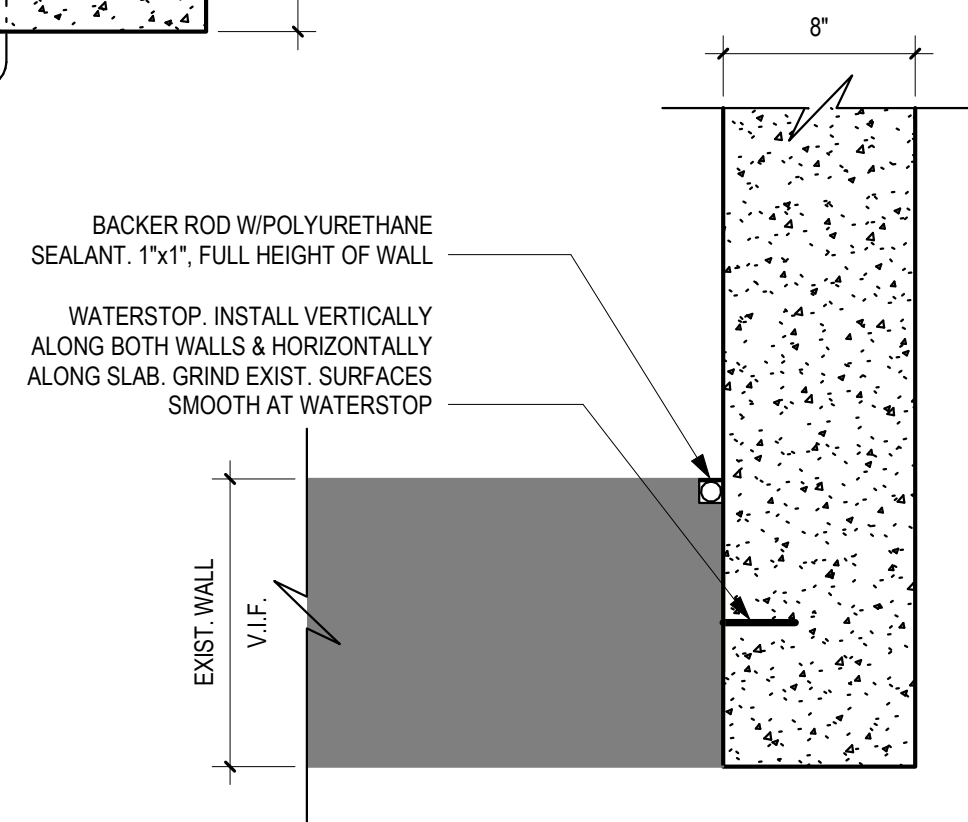
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RESTORATION PLANS	
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	BE Project No. 024002
Drawn By:	Author
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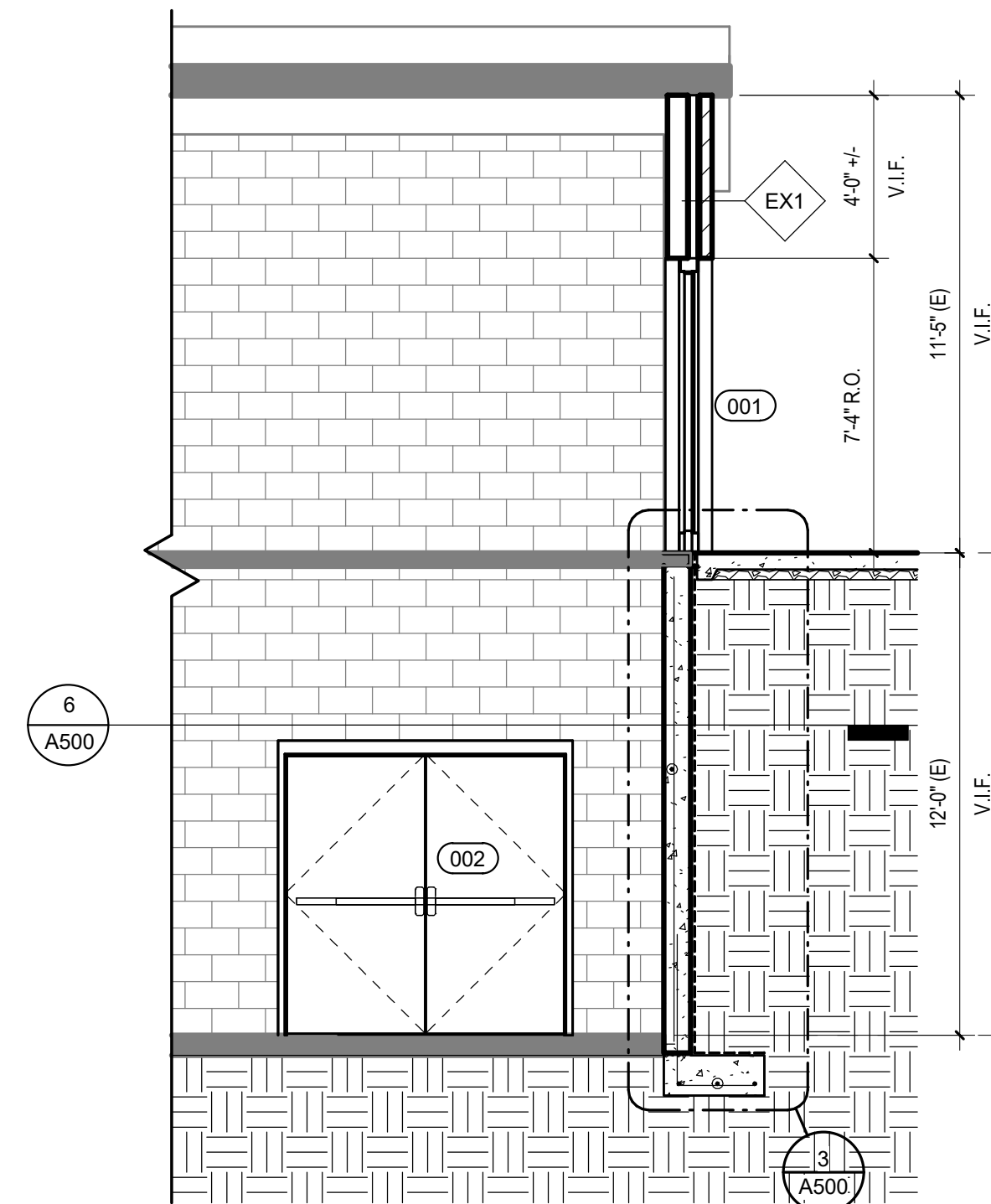
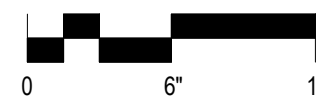
6 PLAN DETAIL AT BASEMENT FLOOR
3/4" = 1'-0"



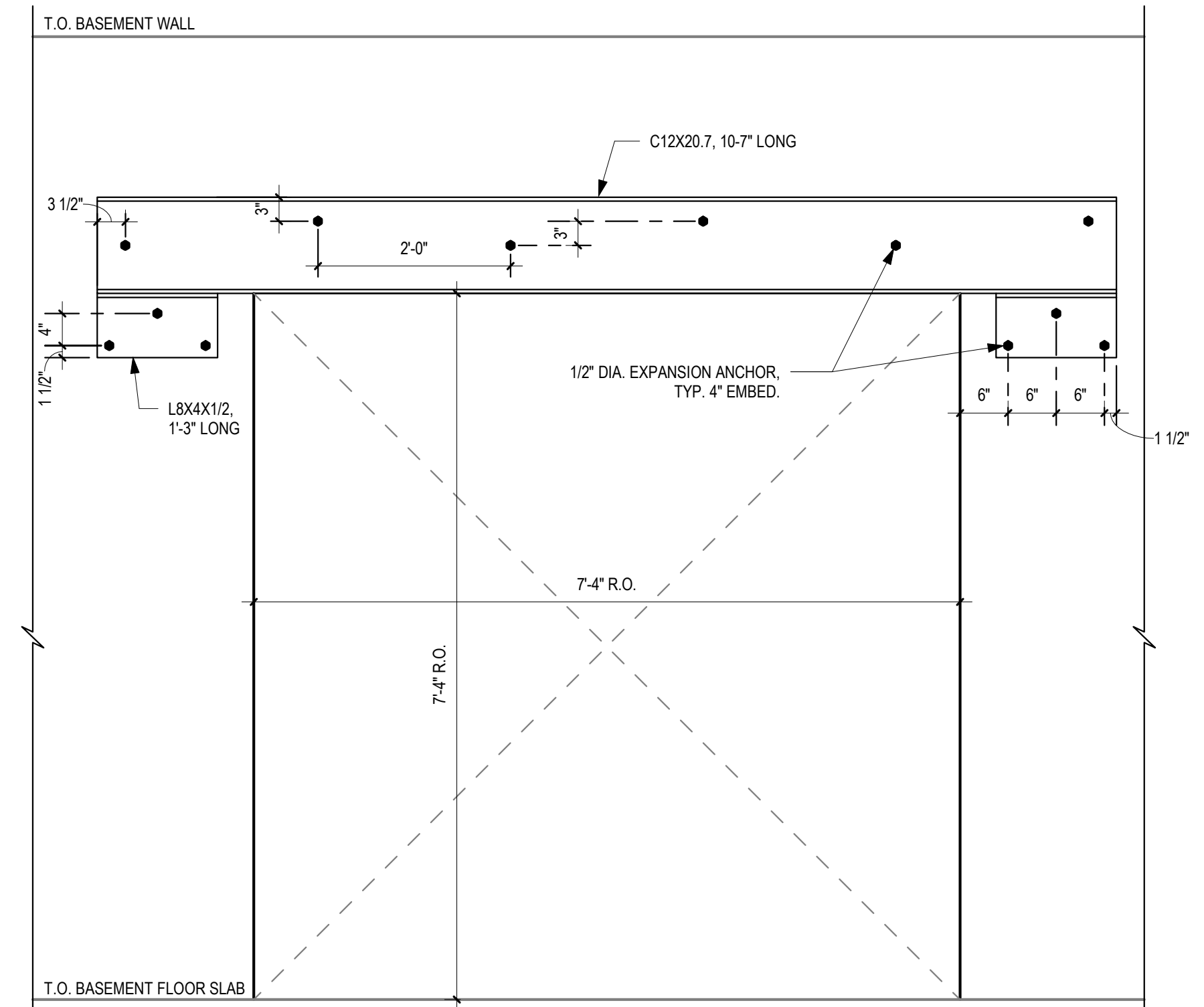
3 BASEMENT FOUNDATION WALL DETAIL
3/4" = 1'-0"



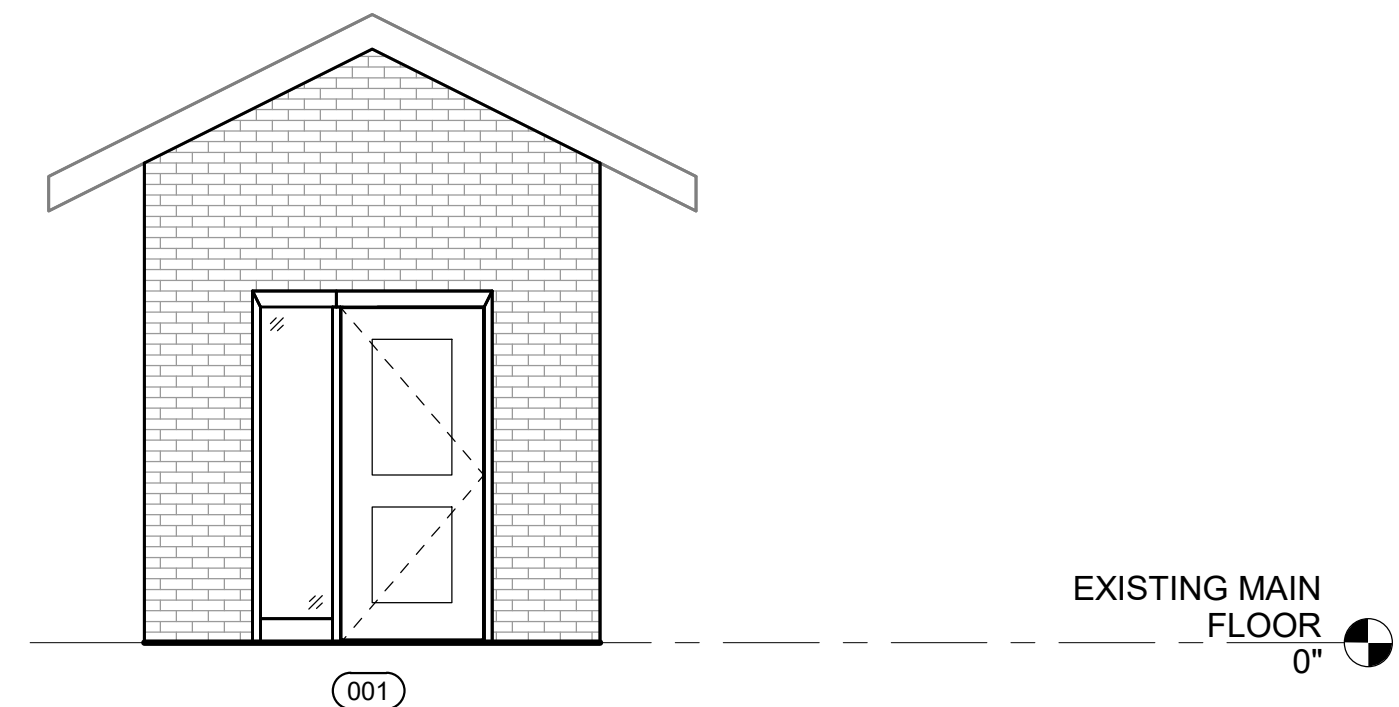
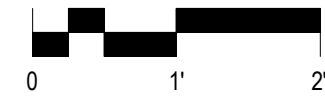
5 WALL JOINT DETAIL
1 1/2" = 1'-0"



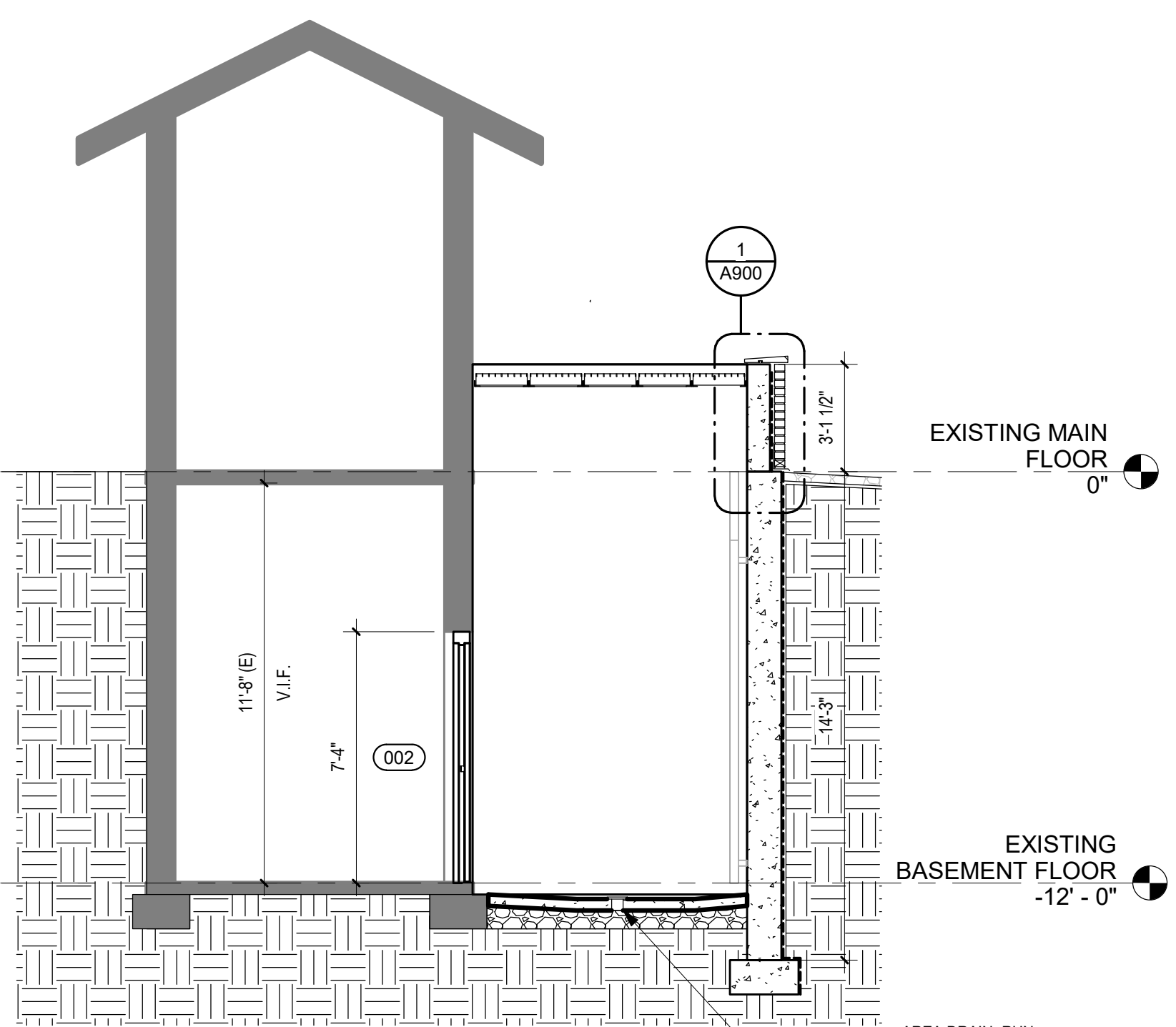
2 SECTION THRU SOUTH WALL
1/4" = 1'-0"



7 BASEMENT OPENING STRUCT. SUPPORT DETAIL
3/4" = 1'-0"



4 WEST ELEVATION
1/4" = 1'-0"



1 SECTION THRU AREA WELL
1/4" = 1'-0"



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PARTIAL BUILDING
SECTIONS,
ELEVATION, AND
DETAILS

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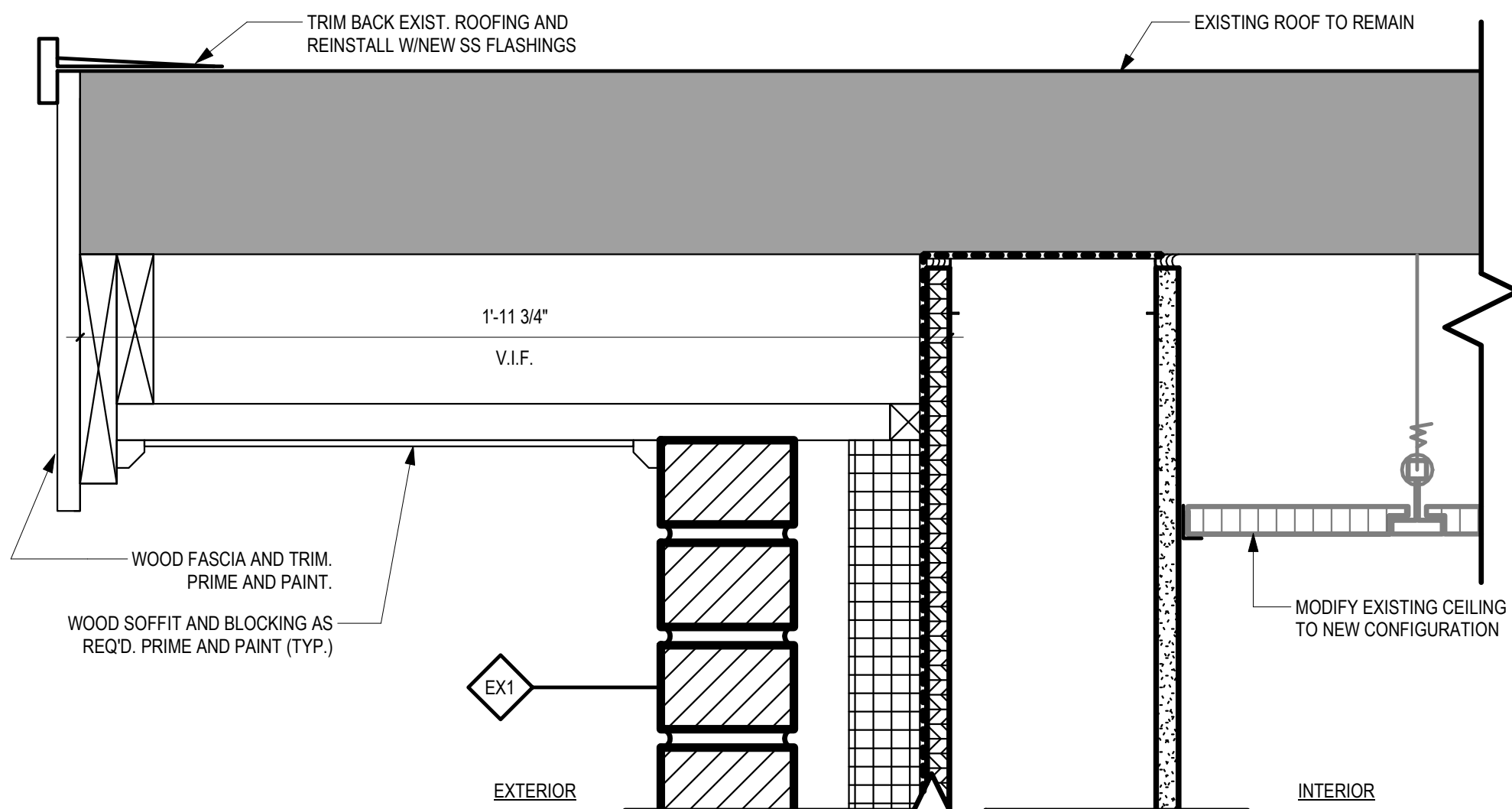
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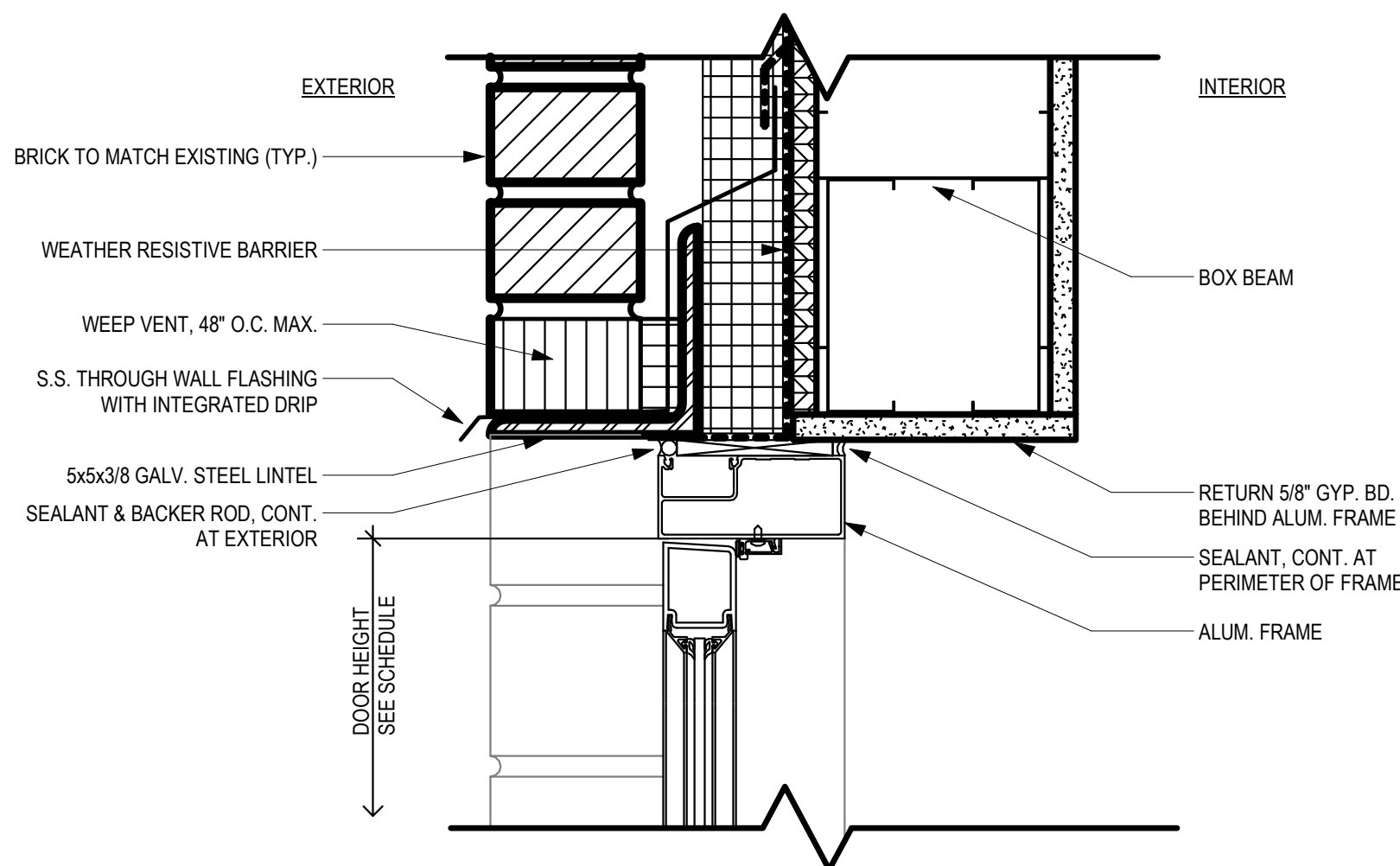
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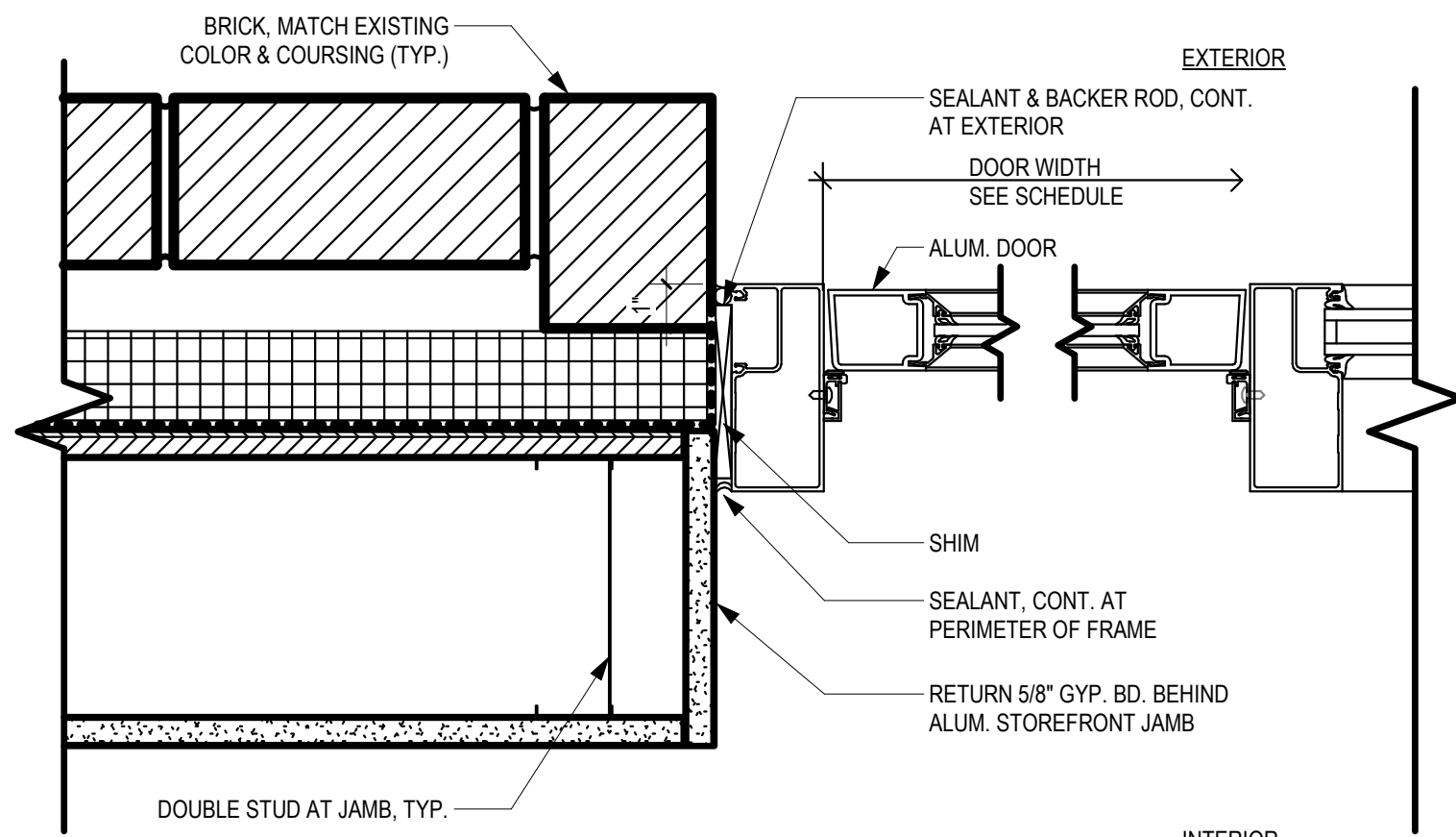
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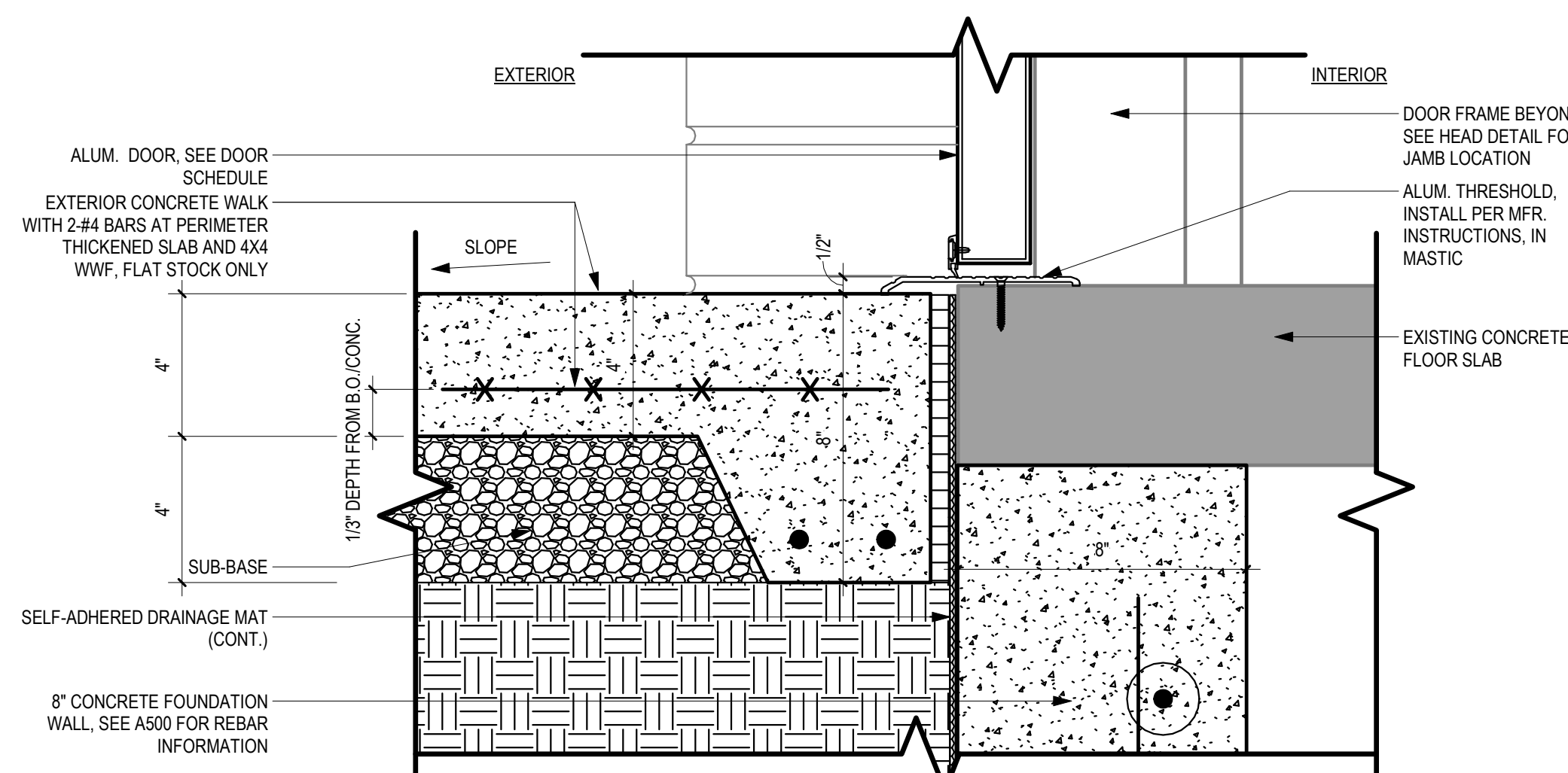
9 ROOF DETAIL
3" = 1'-0"



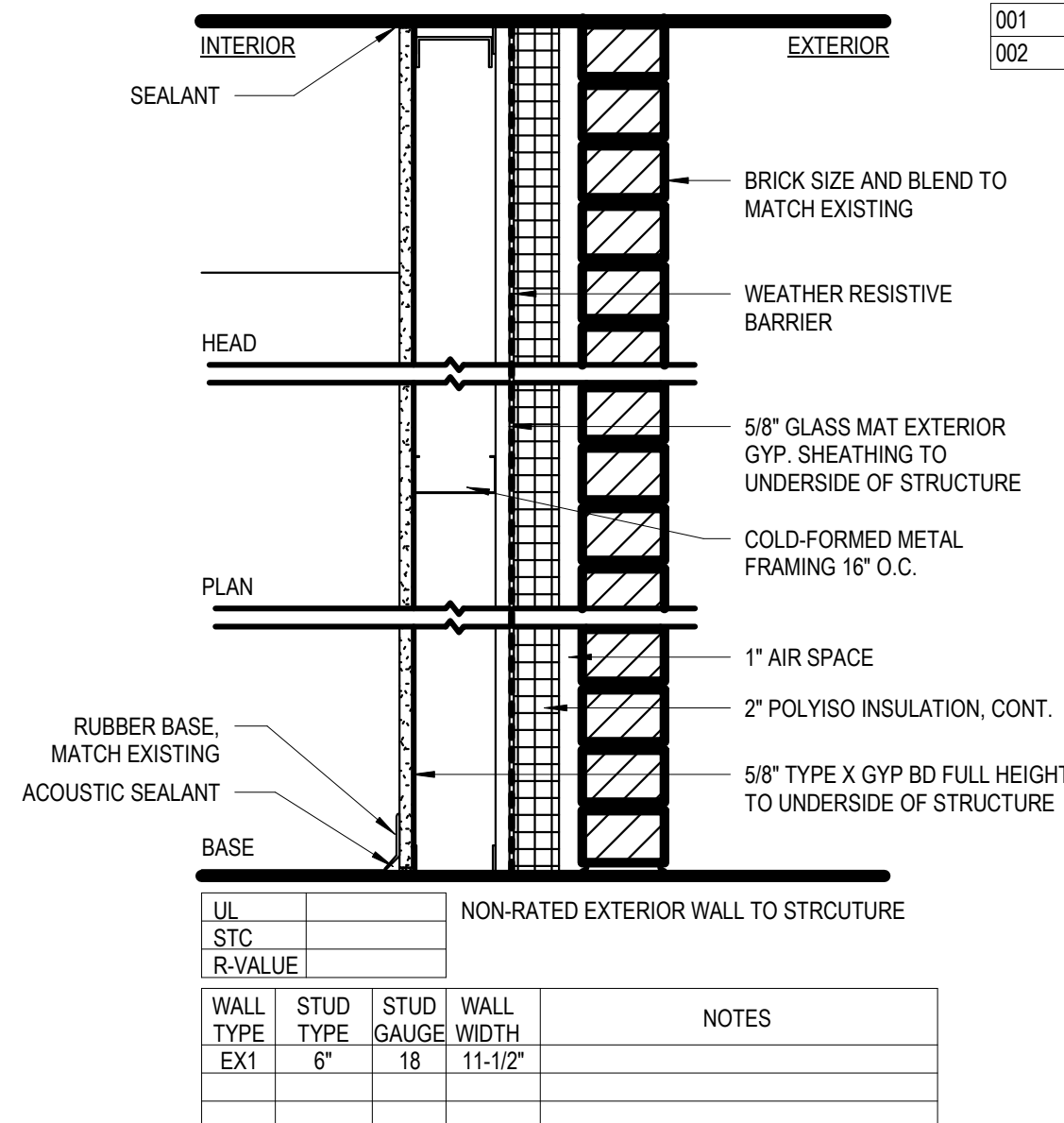
7 EXT HM DOOR HEAD AT STUD WALL
3" = 1'-0"



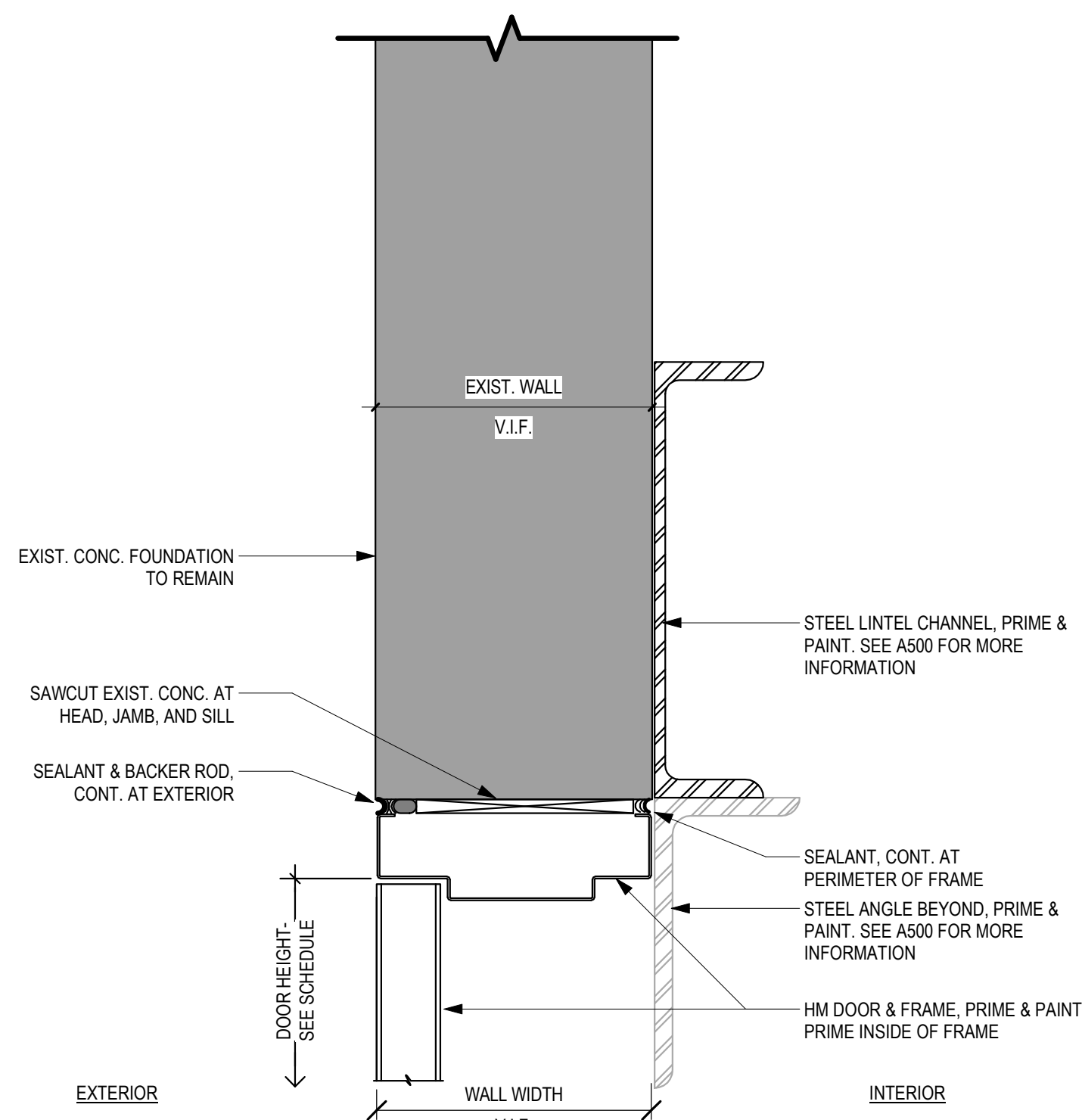
5 EXT HM DOOR JAMB AT STUD WALL
3" = 1'-0"



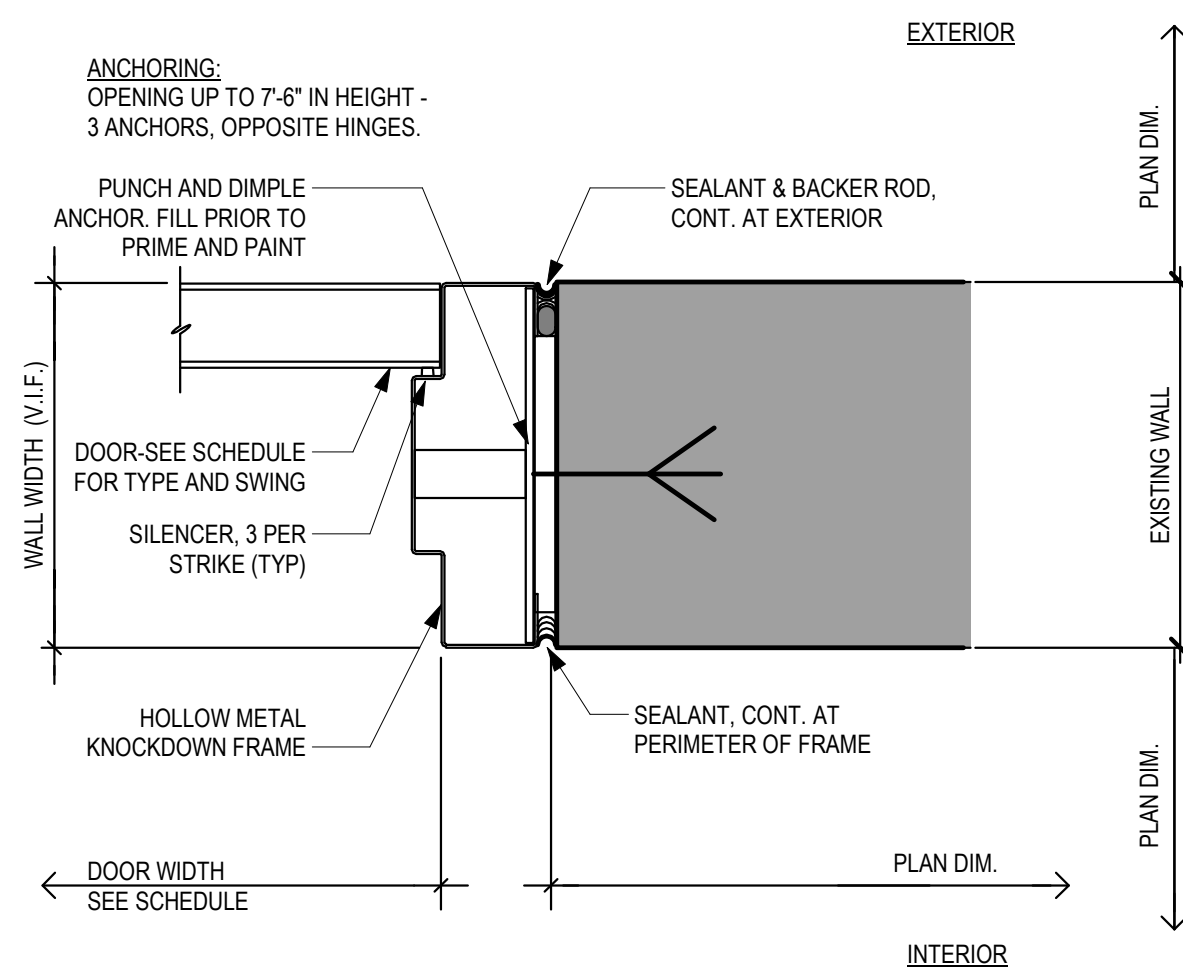
3 DOOR SILL AT STUD WALL (GROUND FLOOR)
3" = 1'-0"



EX1 EXTERIOR WALL
1 1/2" = 1'-0"



4 EXT HM HEAD AT EXISTING BASEMENT WALL
3" = 1'-0"



2 EXT HM DOOR JAMB AT EXISTING BASEMENT WALL
3" = 1'-0"

DOOR SCHEDULE														
Door Number	Door						Frame			Details		Hardware Set	Fire Rating	Comments
	Width	Height	Thickness	Type	Material	Finish	Type	Material	Finish	Head	Jamb			
001	3'-0"	7'-0"	1 3/4"	A	ALUM / GLASS	ALUM	2	ALUM	ALUM	7	5	1.0	-	SEE ELEVATION
002	7'-0"	7'-0"	1 3/4"	B	HM	PT	1	HM	PT	4	2	2.0	-	

TO

IOR

TURE

N. CONT.

LL HEIGHT
RUCTURE

Diagram A: SINGLE SWING, WIDE STILE. This diagram shows a side view of a door with a wide stile. The width is labeled 'WIDTH SEE SCHEDULE' and the height is 'HEIGHT SEE SCHEDULE'. The stile width is 2'-9" and the panel height is 8". The bottom of the panel is 10" from the bottom of the door.

Diagram B: PAIR SWING FLUSH PANEL. This diagram shows a side view of a door with a flush panel. The width is labeled 'WIDTH SEE SCHEDULE' and the height is 'HEIGHT SEE SCHEDULE'. The panel is centered within the door frame.

DOOR TYPES

8 DOOR & FRAME TYPES
3/8" = 1'-0"

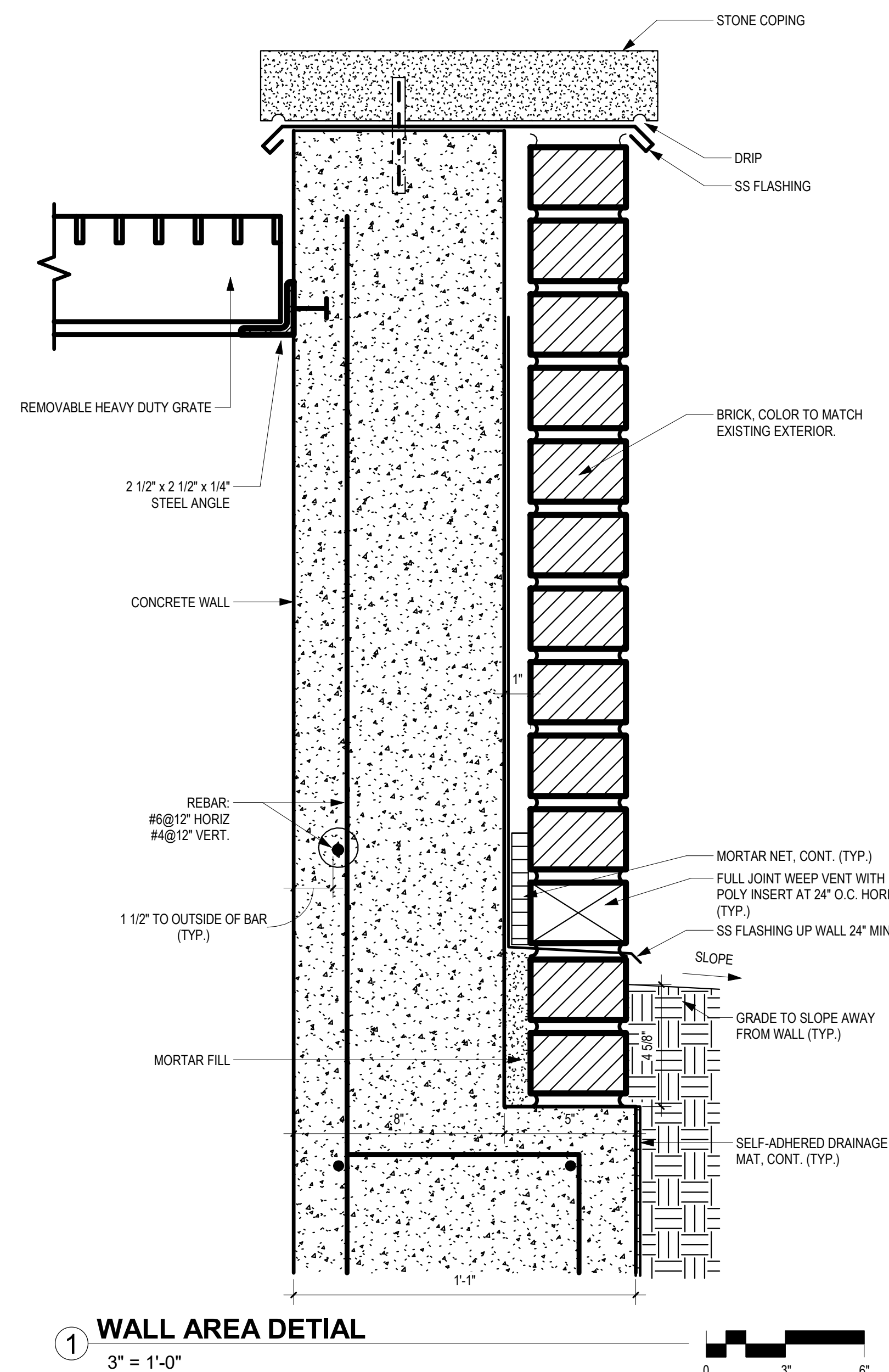
Diagram 1: THREE-SIDED FRAME. This diagram shows a side view of a door with a three-sided frame. The width is labeled '2" SEE SCHEDULE' and the height is 'HEIGHT SEE SCHEDULE'. The frame is 4" thick.

Diagram 2: THREE-SIDED FRAME WITH SIDELITE. This diagram shows a side view of a door with a three-sided frame and a sidelite. The width is labeled '2" SEE SCHEDULE' and the height is 'HEIGHT SEE SCHEDULE'. The frame is 2" thick and the sidelite is 1'-8" wide. The bottom of the panel is 10" from the bottom of the door.

FRAME TYPES

0 2' 4'

8 DOOR & FRAME TYPES
3/8" = 1'-0"



1 WALL AREA DETAIL
3" = 1'-0"



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CHAMPAIGN COUNTY - SELECT BUILDING DEMOLITION

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Drawing Title

DOOR SCHEDULES AND DETAILS

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Drawn By: Author

Drawing No. A900

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MEP-FP SITE PLAN

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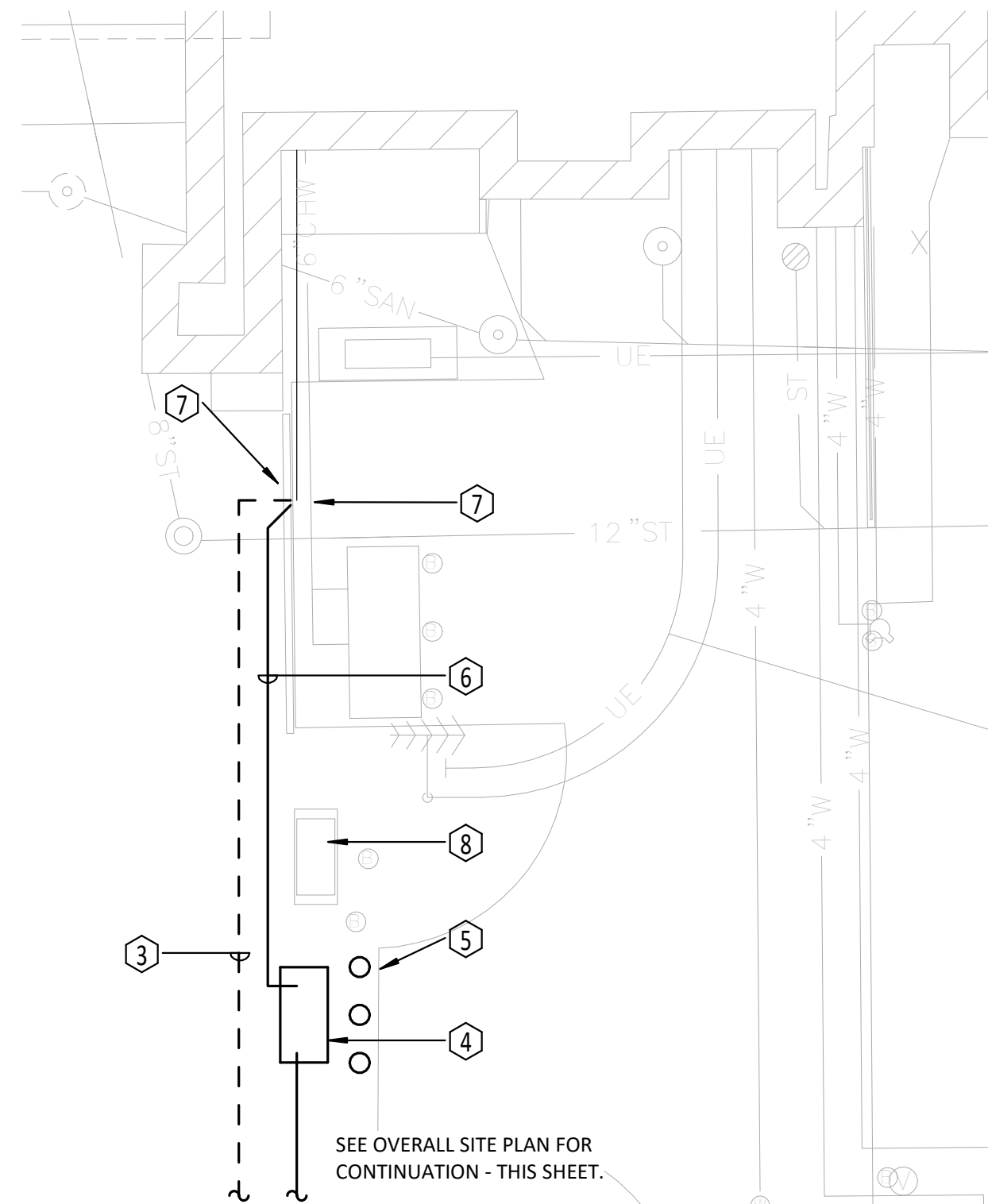
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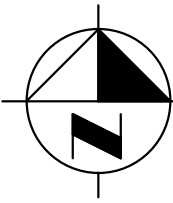
Lucas McMillan

REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS



4 ENLARGED LOADING DOCK SITE PLAN

MEP000 SCALE: 1/16" = 1'-0"



SITE PLAN

SCALE: 1" = 50'-0"



GENERAL NOTES - ELECTRICAL

- CONTRACTOR TO ENSURE ALL UTILITIES ARE DEENERGIZED. DISCONNECT AND REMOVED FROM EXISTING NURSING HOME BUILDING PRIOR TO DEMOLITION. THIS INCLUDES POWER, WATER, SPRINKLER, FIRE ALARM AND BUILDING NETWORK (COPPER AND FIBER).

KEYED NOTES - ELECTRICAL

- DISCONNECT FIRE PROTECTION WATER SERVICE AND REMOVE PIPING AS SHOWN. REMOVE POST INDICATOR VALVE AND CAP AT MAIN. CUT AND PATCH PAVING AS REQUIRED.
- DISCONNECT CHAMPAIGN COUNTY-OWNED GAS LINE FROM AMEREN METER. AMEREN TO REMOVE METER AND REMOVE EXISTING GAS SERVICE BACK TO MAIN PAVING FOR FUTURE EXTENSION.
- DISCONNECT AND REMOVE UNDERGROUND GAS LINE BETWEEN NURSING HOME BOILER BUILDING AND ILEAS BUILDING.
- INSTALL NEW GAS METER PER AMEREN STANDARDS. AMEREN TO DESIGN AND PROVIDE GAS METER ASSEMBLY. CONTRACTOR TO INSTALL 5 FT. BY 10 FT. BY 6 4 INCH CONCRETE PAD FOR GAS METER.
- INSTALL NEW STEEL BOLLARDS IN FRONT OF GAS METER AS SHOWN.
- INSTALL NEW 2" UNDERGROUND GAS PIPING FROM NEW METER TO EXISTING 2" BUILDING LINE.
- CONNECT NEW 2" GAS LINE TO EXISTING GAS LINE THAT SERVES ILEAS BUILDING AT THIS LOCATION.
- EXISTING DIESEL GENERATOR - SHOWN FOR REFERENCE.
- AMEREN TO INSTALL NEW HIGH-PRESSURE GAS SERVICE.



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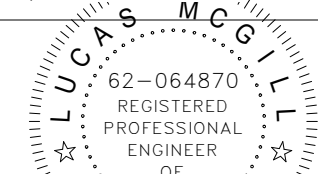
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BASEMENT MEP-FP
PLAN

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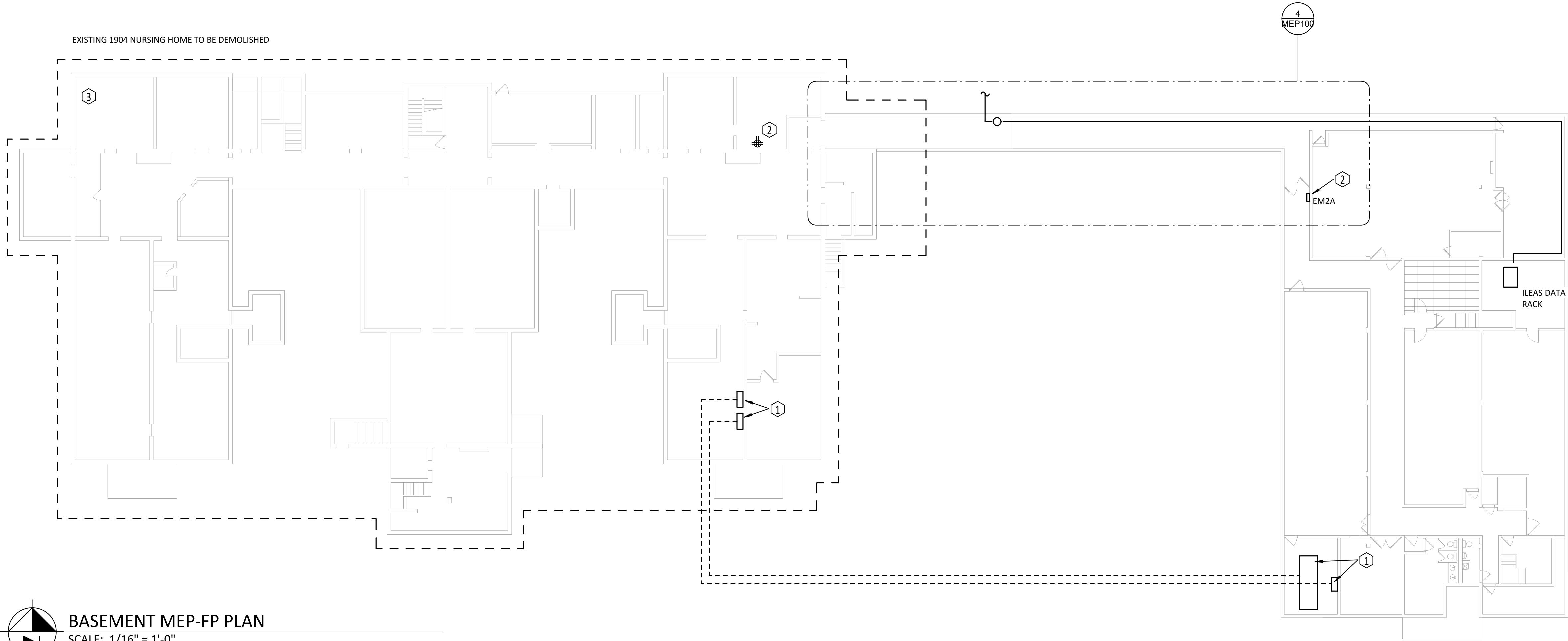
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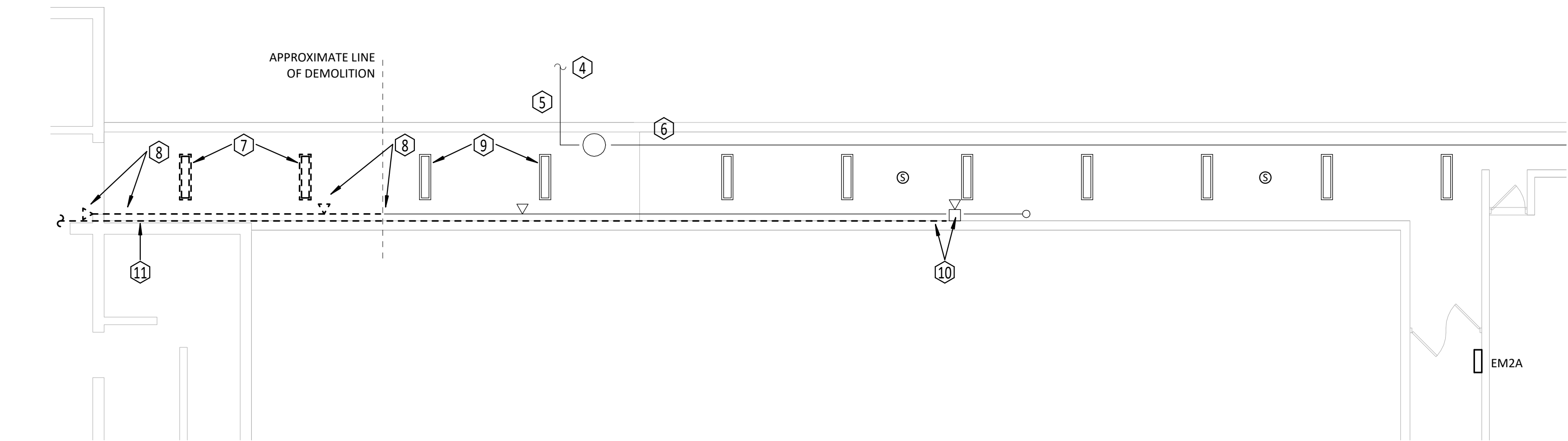
BASEMENT MEP-FP PLAN
SCALE: 1/16" = 1'-0"
8' 16' 32' 64'

GENERAL NOTES - ELECTRICAL

- CONTRACTOR TO ENSURE ALL UTILITIES ARE DEENERGIZED, DISCONNECT AND REMOVED FROM EXISTING NURSING HOME BUILDING PRIOR TO DEMOLITION. THIS INCLUDES POWER, WATER, SPRINKLER, FIRE ALARM AND BUILDING NETWORK (COPPER AND FIBER).

KEYED NOTES - ELECTRICAL

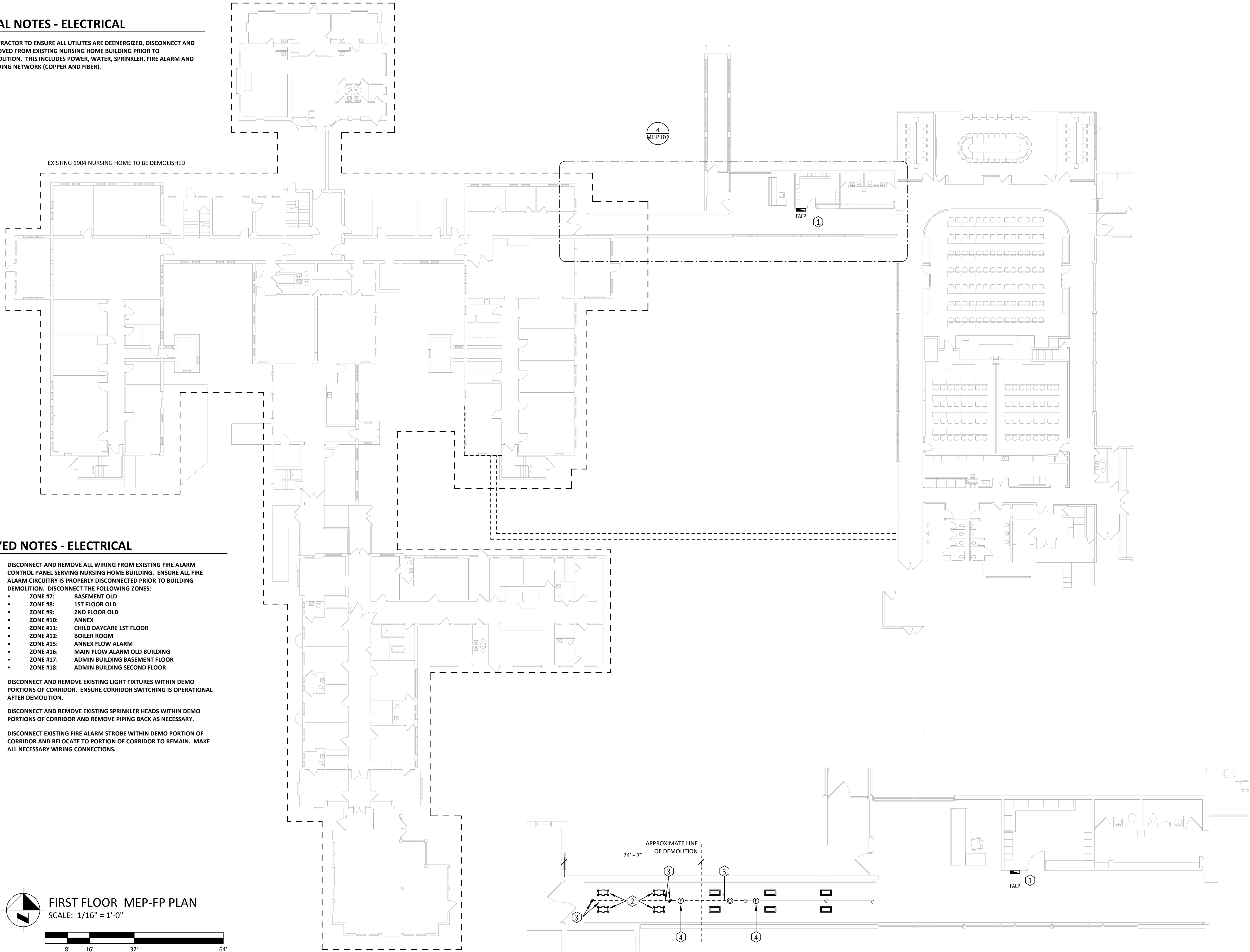
- DISCONNECT 100A EMERGENCY FEED AND 400A NORMAL POWER FEED SERVING OLD NURSING HOME BUILDING MAIN PANELS AND REMOVE IN ITS ENTIRETY.
- DISCONNECT CIRCUITS #2 AND #4 FROM PANEL 'EM2A' SERVING QUADPLEX RECEPTACLE IN OLD NURSING HOME BUILDING. REMOVE CONDUIT AND WIRING BACK TO PANEL.
- DISCONNECT FIRE PROTECTION WATER SERVICE AND DEMOLISH BACK TO MAIN - SEE SITE PLAN FOR MORE INFORMATION.
- INCOMING FIBER SERVICE TO REMAIN - SHOWN FOR REFERENCE. CONTRACTORS TO TAKE CARE NOT TO DAMAGE FIBER SERVICE DURING BUILDING DEMOLITION.
- FIBER SPLICE BOX TO REMAIN - SHOWN FOR REFERENCE.
- BUILDING FIBER FEED FROM SPLICE BOX TO ILEAS DATA ROOM - TO REMAIN.
- DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES WITHIN DEMO PORTIONS OF CORRIDOR. ENSURE CORRIDOR SWITCHING IS OPERATIONAL AFTER DEMOLITION.
- DISCONNECT AND REMOVE EXISTING SPRINKLER HEADS WITHIN DEMO PORTIONS OF CORRIDOR AND REMOVE PIPING BACK AS NECESSARY.
- EXISTING LIGHT FIXTURES FED FROM NURSING HOME TO REMAIN - CONNECT TO SWITCHED CIRCUIT FED FROM ILEAS BUILDING TO VREATE A SINGLE, SWITCHED CORRIDOR.
- FIRE ALARM CIRCUIT FROM FLOOR ABOVE TO WALL-MOUNTED NOTIFICATION DEVICE. CONTRACTOR TO SECURE NOTIFICATION DEVICE TO EXISTING ELECTRICAL BOX. CONTRACTOR TO DEMOLISH CONDUIT FROM BOX TO NURSING HOME BUILDING.
- CONTRACTOR TO DEMOLISH FIRE ALARM CONDUIT TO NURSING HOME BUILDING.



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

GENERAL NOTES - ELECTRICAL

1. CONTRACTOR TO ENSURE ALL UTILITIES ARE DEENERGIZED, DISCONNECT AND REMOVED FROM EXISTING NURSING HOME BUILDING PRIOR TO DEMOLITION. THIS INCLUDES POWER, WATER, SPRINKLER, FIRE ALARM AND BUILDING NETWORK (COPPER AND FIBER).



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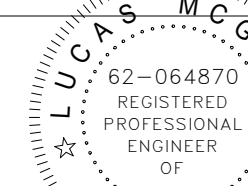
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ELECTRICAL DEMOLITION NOTES	
1.	DISCONNECT AND REMOVE ELECTRICAL ITEMS AND ASSOCIATED CONDUIT, WIRING, ETC AS SHOWN OR NOTED.
2.	DISCONNECT AND REMOVE ALL DEVICES, CONDUIT, WIRING, ETC ASSOCIATED WITH LIGHTING AND POWER SYSTEMS BEING REMOVED.
3.	DISCONNECT AND REMOVE ALL DEVICES, CONDUIT, WIRING, ETC ASSOCIATED WITH MECHANICAL EQUIPMENT BEING REMOVED.
4.	DISCONNECT AND REMOVE ALL DEVICES, CONDUIT, WIRING, ETC IN OR ON THE WALLS, CEILING, ETC TO BE REMOVED. VERIFY ALL OCCURRENCES NOT SPECIFICALLY SHOWN OR NOTED ON PLANS.
5.	BE RESPONSIBLE FOR CONTINUITY OF ALL EXISTING POWER AND LIGHTING CIRCUITS AND SYSTEMS OF ALL REMAINING DEVICES AND SYSTEMS WHICH MAY BE AFFECTED BY REMODELING.
6.	FOR EACH ITEM DISCONNECTED AND REMOVED, DISCONNECT AND REMOVE DEFUNCT CIRCUIT WIRING BACK TO NEXT ACTIVE REMAINING DEVICE OR TO PANEL OR SWITCHBOARD FROM WHICH THE CIRCUIT ORIGINATES.
7.	FOR EACH ITEM DISCONNECTED AND REMOVED, DISCONNECT AND REMOVE ABANDONED, EXPOSED CONDUITS, AND/OR CONDUITS MADE EXPOSED BY DEMOLITION, BACK TO NEXT ACTIVE REMAINING DEVICE OR TO PANEL OR SWITCHBOARD FROM WHICH THE CIRCUIT ORIGINATES.
8.	EXCEPT WHERE OTHERWISE NOTED, ALL REMOVED ELECTRICAL EQUIPMENT, DEVICES, CONDUIT, CONDUCTORS, FIXTURES, AND ASSOCIATED ITEMS SHALL BECOME THE PROPERTY OF THE ELECTRICAL CONTRACTOR AND SHALL BE DISPOSED OF BY HIM.
9.	CO-ORDINATE DISCONNECTION AND REMOVAL OF EXISTING DOOR ACCESS AND SECURITY DEVICES WITH THE GENERAL TRADE. REMOVE AND STORE ELECTRICAL DOOR DEVICES SUCH AS CARD READERS, POWER SUPPLIES, POSITION SWITCHES, SENSORS ETC, FOR REUSE AS SHOWN ON NEW WORK PLANS.

- COORDINATION
- A. THE UTILITY COMPANY WILL FURNISH AND INSTALL A GAS SERVICE COMPLETE WITH REGULATOR AND METER AS SHOWN ON DRAWINGS. UTILITY COMPANY'S REGULATOR WILL REGULATE FROM UTILITY PRESSURE DOWN TO 7 INCHES W.C. UTILITY COMPANY SHALL PROVIDE, IN WRITING, CERTIFICATION OF GAS PRESSURE BEFORE FIRING ANY APPLIANCES.
- B. WHERE SYSTEMS ARE 1 PSI OR GREATER, PROVIDE ROCKWELL OR MAXITROL OVER PRESSURE PROTECTION RELIEF VALVES.
- C. OWNER WILL PAY ALL CHARGES ACCESSED BY UTILITY COMPANY FOR GAS SERVICE AND METER INSTALLATION.
- D. CONNECT TO THE GAS SERVICE AT METER OUTLET AND FURNISH AND INSTALL ALL PIPE AND FITTINGS TO ALL GAS USERS.
- E. COORDINATE SIZES AND LOCATIONS OF CONCRETE BASES WITH ACTUAL EQUIPMENT PROVIDED.
- F. PROVIDE CONCRETE METER PAD IF REQUIRED BY UTILITY COMPANY.

- PIPES, TUBES, AND FITTINGS
- A. STEEL PIPE: ASTM A 53/A 53M, BLACK STEEL, SCHEDULE 40, TYPE E OR S, GRADE B.
1. MALLEABLE-IRON THREADED FITTINGS: ASME B16.3, CLASS 150, STANDARD PATTERN.
2. WROUGHT-STEEL WELDING FITTINGS: ASTM A 234/A 234M FOR BUTT WELDING AND SOCKET WELDING.
3. UNIONS: ASME B16.39, CLASS 150, MALLEABLE IRON WITH BRASS-TO-IRON SEAT, GROUND JOINT, AND THREADED ENDS.
4. FORGED-STEEL FLANGES AND FLANGED FITTINGS: ASME B16.5, MINIMUM CLASS 150, INCLUDING BOLTS, NUTS, AND GASKETS OF THE FOLLOWING MATERIAL GROUP, END CONNECTIONS, AND FACINGS:
- a. MATERIAL GROUP: 1.1.
- b. END CONNECTIONS: THREADED OR BUTT WELDING TO MATCH PIPE.
- c. LAPPED FACE: NOT PERMITTED UNDERGROUND.
- d. GASKET MATERIALS: ASME B16.20, METALLIC, FLAT, ASBESTOS FREE, ALUMINUM O-RINGS, AND SPIRAL-WOUND METAL GASKETS.
- e. BOLTS AND NUTS: ASME B18.2.1, CARBON STEEL ABOVEGROUND AND STAINLESS STEEL UNDERGROUND.

- PIPING SPECIALTIES
- A. Y-PATTERN STRAINERS:
1. BODY: ASTM A 126, CLASS B, CAST IRON WITH BOLTED COVER AND BOTTOM DRAIN CONNECTION.
2. END CONNECTIONS: THREADED ENDS FOR NPS 2 AND SMALLER, FLANGED ENDS FOR NPS 2-1/2 AND LARGER.
3. STRAINER SCREEN: 40-MESH STARTUP STRAINER, AND PERFORATED STAINLESS-STEEL BASKET WITH 50 PERCENT FREE AREA.
4. CWP RATING: 125 PSIG.
- B. WEATHERPROOF VENT CAP: CAST- OR MALLEABLE-IRON INCREASER FITTING WITH CORROSION-RESISTANT WIRE SCREEN, WITH FREE AREA AT LEAST EQUAL TO CROSS-SECTIONAL AREA OF CONNECTING PIPE AND THREADED-END CONNECTION.

- JOINING MATERIALS
- A. JOINT COMPOUND AND TAPE: SUITABLE FOR NATURAL GAS.

- MANUAL GAS SHUTOFF VALVES
- A. GENERAL REQUIREMENTS FOR METALLIC VALVES, NPS 2 AND SMALLER: COMPLY WITH ASME B16.33.
1. CWP RATING: 125 PSIG.
2. THREADED ENDS: COMPLY WITH ASME B1.20.1.
3. DRYSEAL THREADS ON FLARE ENDS: COMPLY WITH ASME B1.20.3.
4. TAMPERPROOF FEATURE: LOCKING FEATURE FOR VALVES INDICATED IN "UNDERGROUND MANUAL GAS SHUTOFF VALVE SCHEDULE" AND "ABOVEGROUND MANUAL GAS SHUTOFF VALVE SCHEDULE" ARTICLES.
5. LISTING: LISTED AND LABELED BY AN NRTL ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION FOR VALVES 1 INCH AND SMALLER.
6. SERVICE MARK: VALVES 1-1/4 INCHES TO NPS 2 SHALL HAVE INITIALS "WOG" PERMANENTLY MARKED ON VALVE BODY.
- B. TWO-PIECE, FULL-PORT, BRONZE BALL VALVES WITH BRONZE TRIM: MSS SP-110.
1. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, AVAILABLE MANUFACTURERS OFFERING PRODUCTS THAT MAY BE INCORPORATED INTO THE WORK INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
- a. BRASSCRAFT MANUFACTURING COMPANY; A MASCO COMPANY.
- b. CONBRACO INDUSTRIES, INC.; APOLLO DIV.
- c. LYALL, R. W. & COMPANY, INC.
- d. MCDONALD, A. Y. MFG. CO.
- e. PERFECTION CORPORATION; A SUBSIDIARY OF AMERICAN METER COMPANY.
2. BODY: BRONZE, COMPLYING WITH ASTM B 584.
3. BALL: CHROME-PLATED BRONZE.
4. STEM: BRONZE; BLOWOUT PROOF.
5. SEATS: REINFORCED TFE; BLOWOUT PROOF.
6. PACKING: THREADED-BODY PACKNUT DESIGN WITH ADJUSTABLE-STEM PACKING.
7. ENDS: THREADED, FLARED, OR SOCKET AS INDICATED IN "UNDERGROUND MANUAL GAS SHUTOFF VALVE SCHEDULE" AND "ABOVEGROUND MANUAL GAS SHUTOFF VALVE SCHEDULE" ARTICLES.
8. CWP RATING: 600 PSIG.
9. LISTING: VALVES NPS 1 AND SMALLER SHALL BE LISTED AND LABELED BY AN NRTL ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
10. SERVICE: SUITABLE FOR NATURAL-GAS SERVICE WITH "WOG" INDICATED ON VALVE BODY.

- EXAMINATION
- A. EXAMINE ROUGHING-IN FOR NATURAL-GAS PIPING SYSTEM TO VERIFY ACTUAL LOCATIONS OF PIPING CONNECTIONS BEFORE EQUIPMENT INSTALLATION.
- B. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

- PREPARATION
- A. CLOSE EQUIPMENT SHUTOFF VALVES BEFORE TURNING OFF NATURAL GAS TO PREMISES OR PIPING SECTION.
- B. INSPECT NATURAL-GAS PIPING ACCORDING TO NFPA 54 TO DETERMINE THAT NATURAL-GAS UTILIZATION DEVICES ARE TURNED OFF IN PIPING SECTION AFFECTED.
- C. COMPLY WITH NFPA 54 REQUIREMENTS FOR PREVENTION OF ACCIDENTAL IGNITION.

- OUTDOOR PIPING INSTALLATION
- A. CONFIRM ALL GAS PIPING ROUGH-IN DIMENSIONS FOR ALL EQUIPMENT WITH THE SUBMITTALS OF THE EQUIPMENT MANUFACTURER BEFORE INSTALLING SERVICE.
- B. INSTALL ALL GAS PIPING IN ACCORDANCE WITH LATEST EDITION OF NFPA CODES 54, 58 AND 90A, INCLUDING AMENDMENTS THERETO.
- C. PROVIDE A MAIN GAS SHUT-OFF LUBRICATED SERVICE COCK WITH LOCK WING AND LOCK WING SEALING DEVICE AT THE BUILDING ENTRANCE AND AT METER.
- D. EXTERIOR OR UNDERGROUND GAS PIPING SHALL BE DOUBLE-ASPHALT WRAPPED OR PRE-COATED PIPING AS APPROVED. DEPTH OF BURY SHALL BE 36" MINIMUM.
- E. COMPLY WITH NFPA 54 FOR INSTALLATION AND PURGING OF NATURAL-GAS PIPING.
- F. INSTALL FITTINGS FOR CHANGES IN DIRECTION AND BRANCH CONNECTIONS.
- G. INSTALL PRESSURE GAGE DOWNSTREAM FROM EACH SERVICE REGULATOR.
- H. INSTALL MANUAL SHUT OFF BEFORE EACH REGULATOR.

- VALVE INSTALLATION
- A. INSTALL MANUAL GAS SHUTOFF VALVE FOR EACH GAS APPLIANCE AHEAD OF CORRUGATED STAINLESS-STEEL TUBING, ALUMINUM, OR COPPER CONNECTOR.
- B. INSTALL REGULATORS AND OVERPRESSURE PROTECTION DEVICES WITH MAINTENANCE ACCESS SPACE ADEQUATE FOR SERVICING AND TESTING.
- C. INSTALL MANUAL GAS SHUTOFF BEFORE ELECTRONIC SOLENOID VALVES AND REGULATORS.

- PIPING JOINT CONSTRUCTION
- A. REAM ENDS OF PIPES AND TUBES AND REMOVE BURRS.
- B. REMOVE SCALE, SLAG, DIRT, AND DEBRIS FROM INSIDE AND OUTSIDE OF PIPE AND FITTINGS BEFORE ASSEMBLY.
- C. THREADED JOINTS:
1. THREAD PIPE WITH TAPERED PIPE THREADS COMPLYING WITH ASME B1.20.1.
2. CUT THREADS FULL AND CLEAN USING SHARP DIES.
3. REAM THREADED PIPE ENDS TO REMOVE BURRS AND RESTORE FULL INSIDE DIAMETER OF PIPE.
4. APPLY APPROPRIATE TAPE OR THREAD COMPOUND TO EXTERNAL PIPE THREADS UNLESS DRYSEAL THREADING IS SPECIFIED.
5. DAMAGED THREADS: DO NOT USE PIPE OR PIPE FITTINGS WITH THREADS THAT ARE CORRODED OR DAMAGED. DO NOT USE PIPE SECTIONS THAT HAVE CRACKED OR OPEN WELDS.

- CONNECTIONS
- A. INSTALL PIPING ADJACENT TO APPLIANCES TO ALLOW SERVICE AND MAINTENANCE OF APPLIANCES.
- B. CONNECT PIPING TO APPLIANCES USING MANUAL GAS SHUTOFF VALVES AND UNIONS. INSTALL VALVE WITHIN 72 INCHES OF EACH GAS-FIRED APPLIANCE AND EQUIPMENT. INSTALL UNION BETWEEN VALVE AND APPLIANCES OR EQUIPMENT.
- C. SEDIMENT TRAPS: INSTALL TEE FITTING WITH CAPPED NIPPLE IN BOTTOM TO FORM DRIP, AS CLOSE AS PRACTICAL TO INLET OF EACH APPLIANCE.

- LABELING AND IDENTIFYING
- A. INSTALL DETECTABLE WARNING TAPE DIRECTLY ABOVE GAS PIPING, 12 INCHES BELOW FINISHED GRADE, EXCEPT 6 INCHES BELOW SUBGRADE UNDER PAVEMENTS AND SLABS.

- PAINTING
- A. PAINT EXPOSED, EXTERIOR METAL PIPING, VALVES, SERVICE REGULATORS, SERVICE METERS AND METER BARS, EARTHQUAKE VALVES, AND PIPING SPECIALTIES, EXCEPT COMPONENTS, WITH FACTORY-APPLIED PAINT OR PROTECTIVE COATING.
1. ALKYD SYSTEM: MPI EXT 5.1D.
- a. PRIME COAT: ALKYD ANTICORROSIVE METAL PRIMER.
- b. INTERMEDIATE COAT: EXTERIOR ALKYD ENAMEL MATCHING TOPCOAT.
- c. TOPCOAT: EXTERIOR ALKYD ENAMEL (FLAT).
- d. COLOR: GRAY FOR VERTICAL EXPOSED PIPING
- e. COLOR YELLOW FOR HORIZONTAL PIPING ON ROOF.
2. LATEX OVER ALKYD PRIMER SYSTEM: MPI INT 5.1Q.
- A. PRIME COAT: ALKYD ANTICORROSIVE METAL PRIMER.
- B. DAMAGE AND TOUCHUP: REPAIR MARRED AND DAMAGED FACTORY-APPLIED FINISHES WITH MATERIALS AND BY PROCEDURES TO MATCH ORIGINAL FACTORY FINISH.

- OUTDOOR PIPING SCHEDULE
- A. ABOVEGROUND NATURAL-GAS PIPING SHALL BE ONE OF THE FOLLOWING:
1. NPS 2 AND SMALLER; STEEL PIPE WITH MALLEABLE-IRON FITTINGS AND THREADED JOINTS.

- MANUAL GAS SHUTOFF VALVE SCHEDULE
- A. DISTRIBUTION PIPING VALVES FOR PIPE SIZES NPS 2 AND SMALLER SHALL BE ONE OF THE FOLLOWING:
- a. TWO-PIECE, FULL-PORT, BRONZE BALL VALVES WITH BRONZE TRIM.
- b. BRONZE PLUG VALVE.



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SPECIFICATIONS

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