

GENERAL NOTES

DESIGN STRESSES

Table listing design stresses for various materials including concrete, reinforcing bars, and steel.

GENERAL

- 1. THE REQUIREMENTS OF THESE GENERAL NOTES APPLY UNLESS OTHERWISE NOTED ON PLANS OR IN SPECIFICATIONS.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO COMMENCING WORK...

CONCRETE CONSTRUCTION

- 1. ALL CONCRETE CONSTRUCTION TO BE IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE...
2. CONCRETE SHALL BE PLACED AND FINISHED AS NOTED ON DRAWINGS...

Table showing concrete compressive strength requirements for different bar sizes and increase lengths.

- 19. CONCRETE PROTECTION FOR REINFORCEMENT
20. CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH...
21. CONCRETE EXPOSED TO WEATHER OR IN CONTACT WITH GROUND...

ROOF, FLOOR, OR WALL OPENINGS

- 1. THE CONTRACTOR SHALL VERIFY AND COORDINATE THE NUMBER, SIZE, AND LOCATION OF ALL SLEEVES AND OPENINGS REQUIRED FOR MECHANICAL OR ELECTRICAL ITEMS...

MASONRY WALL CONSTRUCTION

- 1. MASONRY WALLS SHOWN ON STRUCTURAL DRAWINGS HAVE BEEN DESIGNED IN ACCORDANCE WITH BUILDING CODE REQUIREMENTS...
2. MASONRY WALLS SHOWN ON STRUCTURAL DRAWINGS SHALL BE CONSTRUCTED IN ACCORDANCE WITH SPECIFICATIONS FOR MASONRY STRUCTURES...

Table showing wall thickness requirements for different bar sizes.

- 14. SEE DETAILS AND SCHEDULES FOR LOCATIONS AND SIZES OF HORIZONTAL AND VERTICAL REINFORCEMENT.
15. REINFORCE BOND BEAMS WITH (2) #5 CONTINUOUS, UNLESS OTHERWISE NOTED...

MASONRY WALL CONSTRUCTION (CONTINUED)

- 24. VERTICAL REINFORCING BARS SHALL HAVE A MINIMUM CLEARANCE OF 3/4" FROM THE MASONRY SURFACE AND NOT LESS THAN ONE BAR DIAMETER BETWEEN BARS.
25. MAINTAIN CLEAR DISTANCE OF 1/4" MINIMUM FOR FINE GROUT OR 1/2" MINIMUM FOR COARSE GROUT...

Table showing grout type, maximum grout height, minimum width of grout space, and minimum grout space dimensions.

- 31. PLACE GROUT IN LIFTS NOT EXCEEDING 5 FEET.
32. CONSOLIDATE GROUT POURS 12 INCH OR LESS IN HEIGHT BY MECHANICAL VIBRATION OR POUNDING...
33. CLEANOUT CLOSURES SHALL BE BRACED TO RESIST GROUT PRESSURES...

STEEL CONSTRUCTION

- 1. STEEL DETAILING, FABRICATION AND ERECTION SHALL CONFORM TO THE AISC SPECIFICATIONS AND CODE OF STANDARD PRACTICE...
2. CONNECTIONS - WELDED OR HIGH STRENGTH BOLTED...
3. WELDING ELECTRODES SHALL BE E70X EXCEPT WHERE OTHER ELECTRODES ARE REQUIRED...

STEEL DECK CONSTRUCTION

- 1. STEEL DECK DETAILING, FABRICATION, AND ERECTION SHALL CONFORM TO THE LATEST, AWS STRUCTURAL WELDING CODE AND THE STEEL DECK INSTITUTE SPECIFICATIONS.
2. STEEL ROOF DECK SHALL BE CONTINUOUS OVER A MINIMUM OF 3 SPANS...

WOOD CONSTRUCTION

- 1. WOOD STEEL GRADE FOR ALL STRUCTURAL FRAMING MEMBERS: SPRUCE PINE FIR, STUD GRADE.
2. CONSTRUCTION SHALL CONFORM TO THE NATIONAL DESIGN SPECIFICATIONS FOR WOOD CONSTRUCTION.
3. PROVIDE HEADERS OVER ALL OPENINGS IN NONBEARING 2x4 WALLS...

Table showing material legend for wood construction including clear span and member size.

- 4. CUTTING OF JOISTS AND BEAMS FOR PIPES SHALL NOT BE PERMITTED WITHOUT THE APPROVAL OF THE ENGINEER.
5. BOLT HOLES IN WOOD SHALL BE 1/16" OVERSIZE...
6. STUD WALLS SUPPORTING BEAMS SHALL HAVE POSTS UNDER BEARING UNLESS OTHERWISE NOTED...

EQUIPMENT SUPPORT

- 1. WHERE EQUIPMENT IS SUPPORTED FROM WOOD FRAMING INCLUDING RAFTERS, JOISTS, ETC., ATTACHMENT SHALL BE MADE SUCH THAT LOAD IS BEARING ON WOOD FRAMING...
2. AT POINT OF LOAD, INSTALL 2x2 BLOCKING IN DIRECTION PERPENDICULAR TO SPAN OF LOADED MEMBER...

SPECIAL INSPECTION

- 1. SPECIAL INSPECTIONS AS DEFINED IN SECTION 1704.0 OF THE KENTUCKY BUILDING CODE ARE REQUIRED.
2. SPECIAL INSPECTIONS SHALL BE PERFORMED BY A QUALIFIED TESTING ENGINEER APPROVED BY THE ARCHITECT AND THE STRUCTURAL ENGINEER AND PAID FOR BY THE OWNER...

INSPECTION OF FABRICATORS

PERFORM SPECIAL INSPECTIONS PER SECTION 1704.2 OF THE KENTUCKY BUILDING CODE.

STEEL CONSTRUCTION

PERFORM SPECIAL INSPECTIONS PER SECTION 1704.3 OF THE KENTUCKY BUILDING CODE.

CONCRETE CONSTRUCTION

PERFORM SPECIAL INSPECTIONS PER SECTION 1704.4 OF THE KENTUCKY BUILDING CODE.

MASONRY CONSTRUCTION

PERFORM SPECIAL INSPECTIONS PER SECTION 1704.5 OF THE KENTUCKY BUILDING CODE.

WOOD CONSTRUCTION

PERFORM SPECIAL INSPECTIONS PER SECTION 1704.6 OF THE KENTUCKY BUILDING CODE.

BASIS OF PAYMENT

- 1. ALL REPAIRS SHALL BE BID (LUMP SUM) BASED ON QUANTITIES SHOWN IN THE DRAWINGS. FINAL PAYMENT WILL BE ADJUSTED FROM BASE BID, POSITIVE OR NEGATIVE, BASED ON THE UNIT COST AND ACTUAL FIELD VERIFIED QUANTITIES.
2. UNIT COSTS SHALL BE THE SAME ADDITIVE OR DEDUCTIVE COST TO THE BASE BID.
3. A PRE CONSTRUCTION MEETING SHALL BE HELD ON SITE AND CONDUCTED BY THE GENERAL CONTRACTOR...

STRUCTURAL ABBREVIATIONS

Table listing structural abbreviations such as ARCH, BOT, CLR, CANT, C.M.U., CONT, DET, DWGS, ELEV, EXP, F.F.E., F.R.C., F.V., GALV, HORIZ, HSS, I.C.F., LLH, LLL, CLR, LFH, LFV, LVL, MAX, MIN, NOT TO SCALE, O.C., ORH, P.A.F., P.T., PL, RADIUS, SIM, S.O.G., TYPICAL, U.N.O., VERT, WIDE, W.W.F., INSULATED CONCRETE FORM, LONG LEG HORIZONTAL, LONG LEG VERTICAL, LONG FACE HORIZONTAL, LONG FACE VERTICAL, LAMINATED VENEER LUMBER, MINIMUM, NOT TO SCALE, ON CENTER, OPPOSITE HAND, POWDER ACTUATED FASTENER, PRESERVATIVE TREATED, PLATE, RADIUS, SIMILAR, SLAB ON GRADE, TYPICAL, UNLESS NOTED OTHERWISE, VERTICAL, WIDE, WELDED WIRE FABRIC.

MATERIAL LEGEND

Table showing material legend for crushed stone, earth/engineered fill, and concrete.

- 9. INSTALL FLOOR JOISTS WITH CROWN EDGE UP.
10. INSTALL SOLID BLOCKING @ 6'-0" O.C. MAX IN FIRST THREE FLOOR JOIST SPACES WHERE FLOOR JOISTS SPAN PARALLEL TO WALL...
11. UNDER NON-LOAD BEARING PARTITIONS PARALLEL TO JOISTS, INSTALL DOUBLE JOISTS SEPARATED BY SOLID BLOCKING EQUAL TO WIDTH OF STUDS ABOVE.
12. INSTALL BRIDGING OF THE INDICATED BELOW BETWEEN JOISTS WHERE NOMINAL DEPTH-TO-THICKNESS RATIO EXCEEDS 6, AT INTERVALS OF 8 FEET...

PLAN NOTES

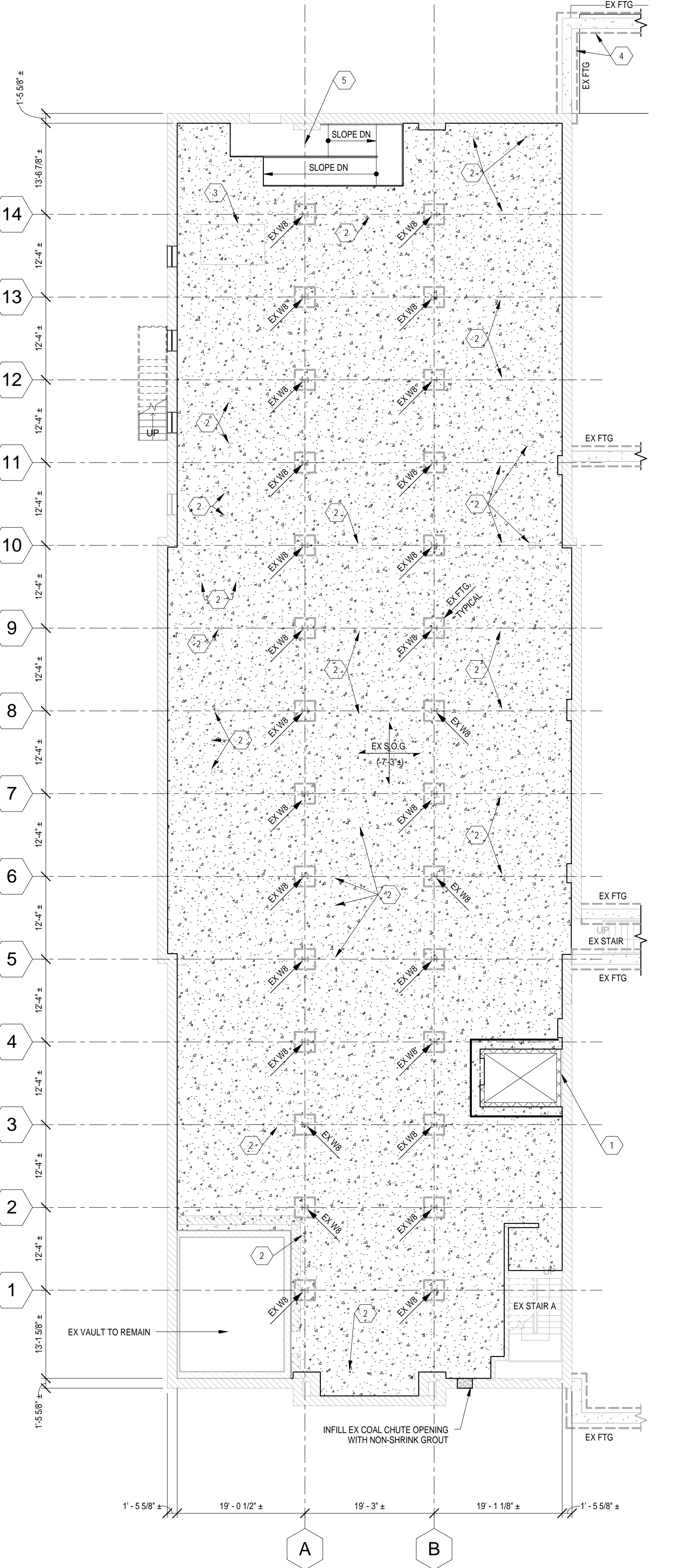
- 1. ELEVATIONS ARE SHOWN TO THE TOP OF FOUNDATION AND ARE REFERENCED FROM FINISHED FIRST FLOOR (100' ELEVATION) 0'-0".
2. SEE THIS SHEET FOR GENERAL NOTES.
3. EXISTING FOUNDATIONS, WALLS, ETC. ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL VERIFY DIMENSIONS RELEVANT TO HIS WORK.
4. SEE DWG 52.0 FOR REFERENCE PLAN INDICATING INTERIOR AND EXTERIOR WALL ELEVATIONS.

TAG NOTES

- 1 EX BASEMENT WALL TO BE UNDERPINNED/SHORED PRIOR TO EXCAVATION AND PLACEMENT OF NEW FOUNDATIONS.
2 EX COLUMN NOT ON GRID OR A/B TO BE REMOVED ONCE FIRST FLOOR FRAMING IS COMPLETELY REPAIRED OR SHORED.
3 EX CONC EQUIPMENT PADS TO BE REMOVED DOWN TO CONC SLAB. ROUGHENED SURFACE TO BE CLEANED OF ANYTHING THAT WOULD PREVENT BOND TO TOPPING SLAB.
4 EX FOUNDATION TO BE REMOVED.
5 NEW CONC RAMP PER DET _S_.

FOUNDATION LEGEND

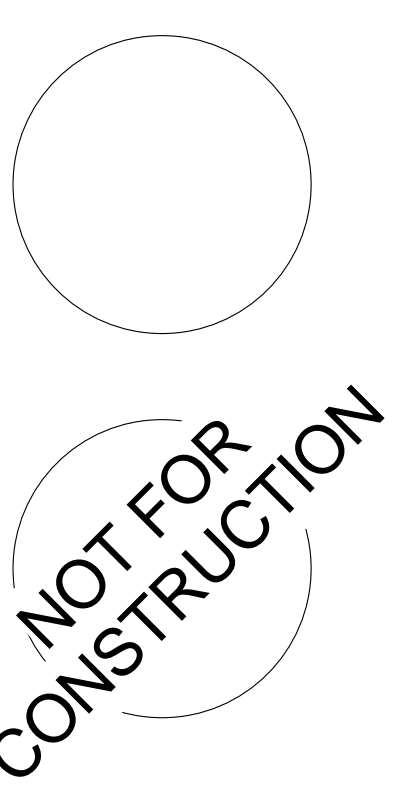
- EX F.F.E. (+14'-0") = EXISTING FINISHED FLOOR SPOT ELEVATION REFERENCED FROM EX FINISHED FIRST (100' FLOOR ELEVATION) 100'-0".
8" C.M.U. WALL REINFORCED W/ #5@32" O.C. VERT. #5 BOND BEAM REINFORCED W/ (2) #5 SHALL BE PLACED AT FLOOR AND INTERMEDIATE LANDING LEVELS (SEE SECTIONS).
EXISTING MASONRY WALL.
3" NOMINAL THICKNESS SELF LEVELING CONCRETE TOPPING. FINISHED FLOOR ELEVATION SHALL BE TO HIGHEST EXISTING BOTTOM OF BASE PLATE ELEVATION.



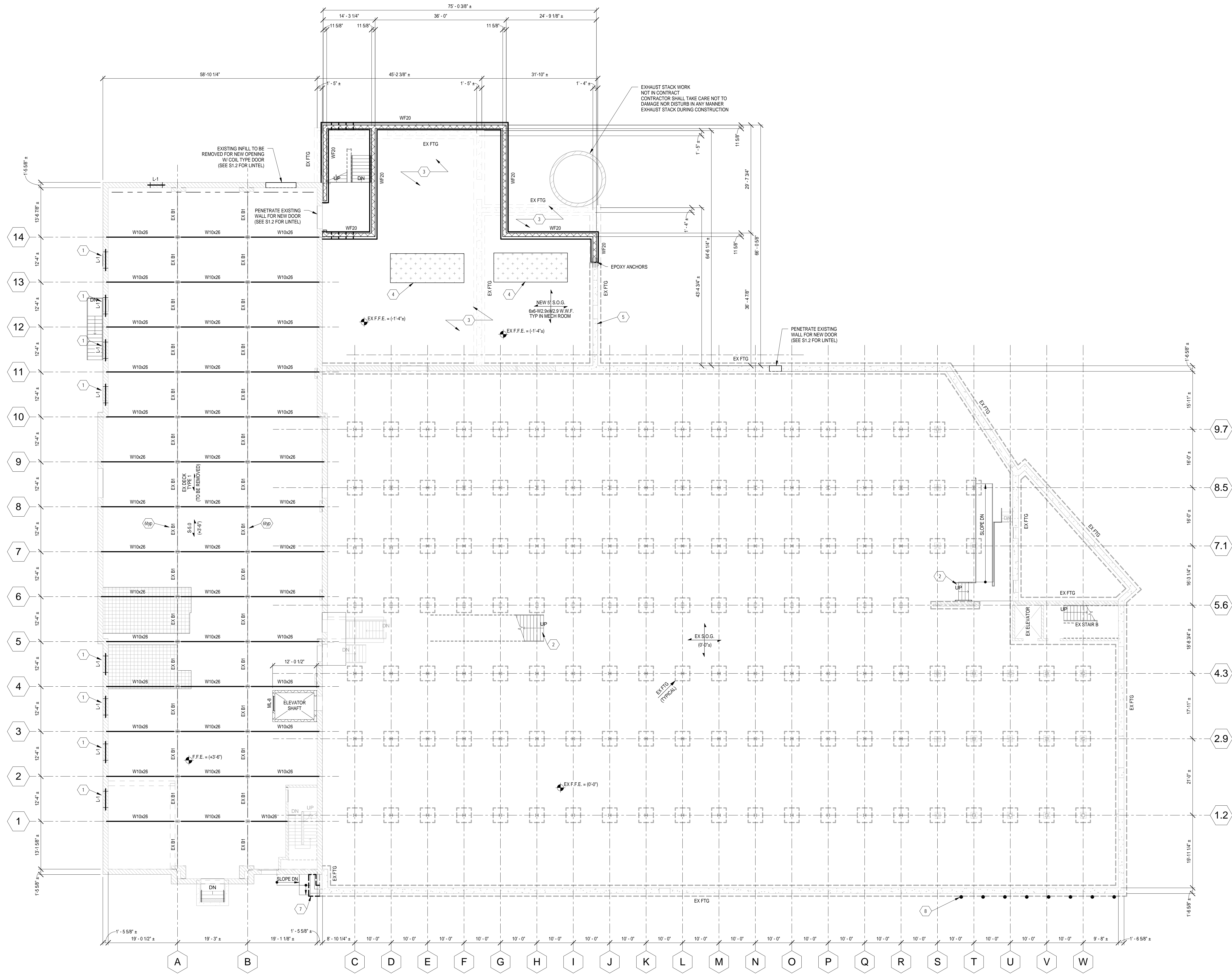
FOUNDATION PLAN

3/32" = 1'-0"

Vertical text and graphics on the right side including 'UNIVERSITY LOFTS - Renovate Academic Facility', 'UK School of Art & Visual Studies', 'Omni ARCHITECTS', 'BROWN + KUBICKI', and 'NOT FOR CONSTRUCTION' stamps.



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PLAN NOTES

- ELEVATIONS ARE SHOWN TO THE TOP OF FOUNDATION OR TOP OF BEAM AND ARE REFERENCED FROM FINISHED FIRST FLOOR (LOW) ELEVATION 0'-0".
- SEE DWG S1.0 FOR GENERAL NOTES.
- EXISTING FOUNDATIONS, WALLS, FRAMING, ETC. ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS RELEVANT TO HIS WORK.
- SEE DWG S2.0 FOR REFERENCE PLAN INDICATING INTERIOR AND EXTERIOR WALL ELEVATIONS.
- ALL EXTERIOR STEEL FRAMING SHALL BE HOT DIPPED GALVANIZED. THIS INCLUDES STEEL LINTELS INSTALLED IN EXTERIOR WALLS.

TAG NOTES

- INSTALL NEW WINDOWS/DOORS PER ARCH DWGS IN EXISTING INFILL LOCATIONS. SEE DWG S2.0 & WALL ELEVATIONS FOR ADDITIONAL INFORMATION.
- INSTALL CONCRETE BASE AT MONUMENTAL STAIR.
- REMOVE EXISTING WALLS, FOUNDATIONS, BOILERS AND MASONRY SUPPORT COMPONENTS, EQUIPMENT PADS, CONCRETE SLAB ON GRADE, TRENCHES ETC. INSTALL NEW SLAB ON GRADE ON 10 MIL POLYETHYLENE VAPOR RETARDER OVER 4" MINIMUM COMPACTED CRUSHED STONE OR DENSE GRADE AGGREGATE.
- NEW 6"± CONCRETE PADS FOR EQUIPMENT. COORDINATE LENGTH x WIDTH OF PAD WITH EQUIPMENT REQUIREMENTS. SEE DETAIL H33.1.
- PORTION OF EX MASONRY WALL AT ELECTRICAL ROOM TO REMAIN.
- EX B1 WOOD BEAMS TO REMAIN.
- NEW 1'-0" THICK CONC FOOTING FOR MASONRY SUPPORT.
- INSTALL (H) UNDERPINNING PILES TO STABILIZE EXTERIOR WALL FOUNDATION. MINIMUM ALLOWABLE CAPACITY = 25k WITH 1/16" DISPLACEMENT.

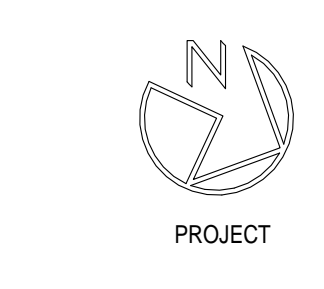
LEGEND

- S-3.0 = 2 7/16" NORMAL WEIGHT CONCRETE REINFORCED W/ 6#6-W2 14W2 1 W.W.F. ON 18" 24 GA GALVANIZED AND THEN PRIME PAINTED NON-COMPOSITE STEEL FORM DECK (3" TOTAL THICKNESS) (+10'-0").
- S-5.0 = 2" LIGHT WEIGHT CONCRETE REINFORCED W/ 6#6-W2 14W2 1 W.W.F. ON 3" 18 GA GALVANIZED AND THEN PRIME PAINTED COMPOSITE STEEL DECK (5" TOTAL THICKNESS).
- EX DECK TYPE 1 = (3) LAYERS 1" DECKING (2 1/4" TOTAL THICKNESS).
- TYPE 4A = 4" TAG WOOD DECKING IN COMBINATION SIMPLE & TWO SPAN CONTINUOUS LAYUP. (SOUTHERN PINE DENSE STANDARD GRADE)
- LVL = (2) 1 3/4x11 1/4 MICROLAM 1.8E (OR APPROVED EQUAL).
- C12 = C12x20.7
- C8 = C8x11.5
- CS = CSx6.7
- EX F.F.E. = (+14'-0") = EXISTING FINISHED FLOOR SPOT ELEVATION REFERENCED FROM EX FINISHED FIRST (LOW) FLOOR ELEVATION 0'-0".
- 8" C.M.U. WALL REINFORCED W/ #5@32" O.C. VERT. 8" BOND BEAM REINFORCED W/ (2) #5 SHALL BE PLACED AT FLOOR AND INTERMEDIATE LANDING LEVELS (SEE SECTIONS).
- = EXISTING MASONRY WALL

WOOD BEAM SCHEDULE

MARK	ACTUAL SIZE (WIDTH x DEPTH)
B1	11x13
B2	13x15
B3	(5) 2x13 1/2

NOTES:



CONTRACTOR TO VERIFY ALL DIMENSIONS IN THE FIELD

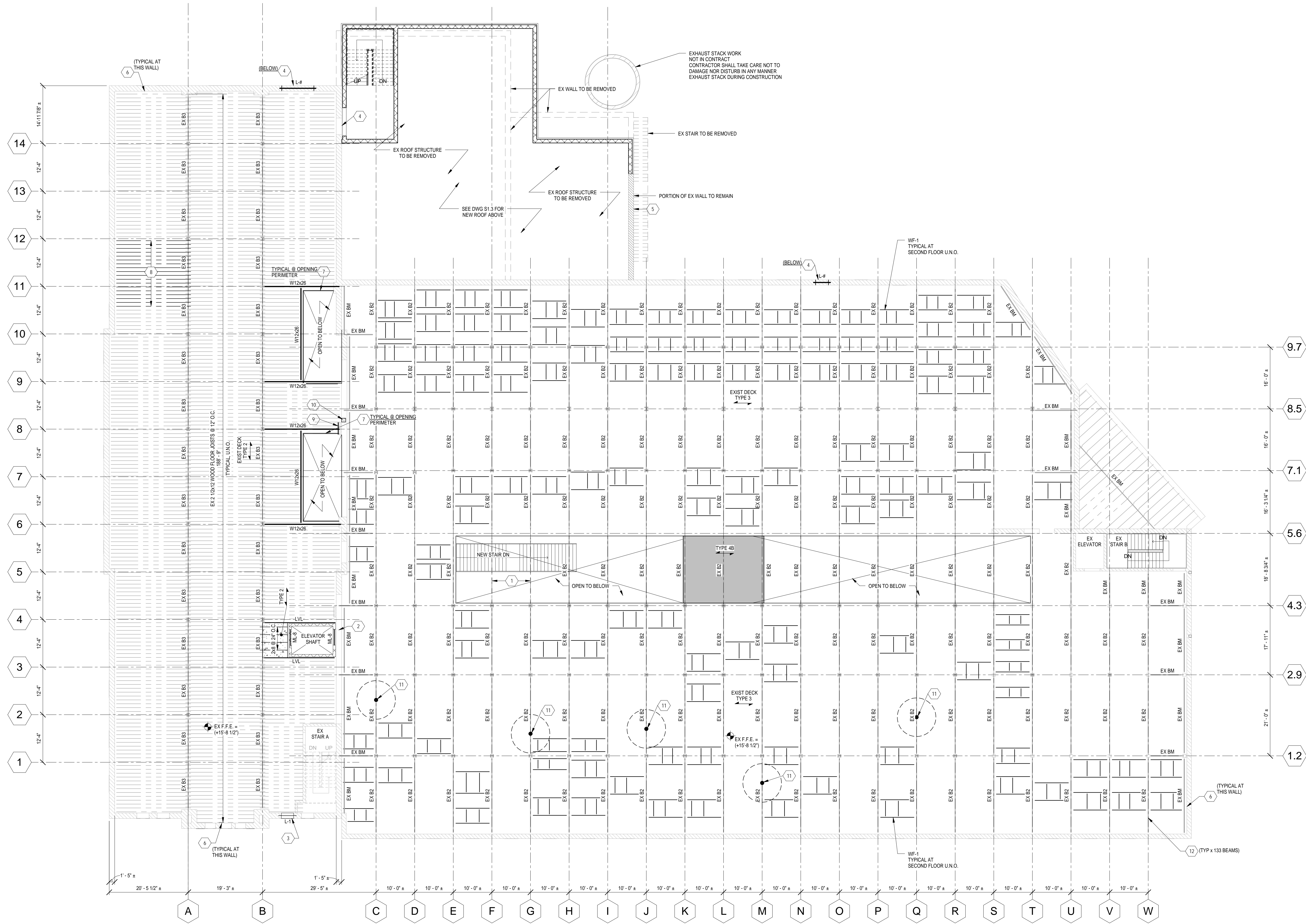
THE GENERAL CONTRACTOR/GENERAL TRADES CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DESIGNING, SUPPLYING AND INSTALLING ALL TEMPORARY SHORING NECESSARY TO REMOVE OR MODIFY EXISTING AND/OR INSTALL NEW STRUCTURAL ELEMENTS. THE DESIGN OF THE SHORING MUST BE DONE BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF KENTUCKY. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT (FOR THEIR RECORDS) TEMPORARY SHORING DRAWINGS (PLANS AND NECESSARY DETAILS), SEALED, SIGNED AND DATED BY THE PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION.

A S1.1 PARTIAL FOUNDATION / FIRST FLOOR FRAMING PLAN
3/32" = 1'-0"



212 North Upper Street
Lexington, Kentucky 40507-1001
p.606.252.2252 f.606.252.2258
www.omniarchitects.com

BROWN + KUBICAN
STRUCTURAL ENGINEERS
2224 Young Drive
Lexington, KY 40503
p.606.543.0933 f.606.543.0933



SECOND FLOOR FRAMING PLAN
3/32" = 1'-0"

PLAN NOTES

- ELEVATIONS ARE SHOWN TO THE TOP OF EX CONC F.F.E. AND ARE REFERENCED FROM FINISHED FIRST FLOOR (LOW) ELEVATION 0'-0".
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- EXISTING FOUNDATIONS, WALLS, FRAMING, ETC. ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS RELEVANT TO HIS WORK.
- SEE DWG S2.0 FOR REFERENCE PLAN INDICATING INTERIOR AND EXTERIOR WALL ELEVATIONS.
- ALL EXTERIOR STEEL FRAMING SHALL BE HOT DIPPED GALVANIZED. THIS INCLUDES STEEL LINTELS INSTALLED IN EXTERIOR WALLS.

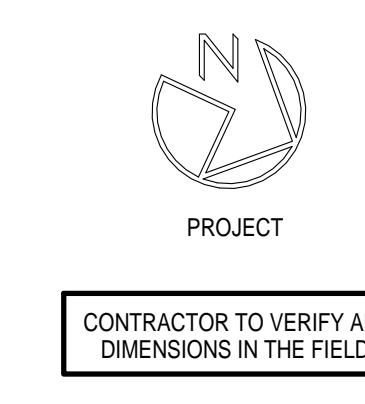
TAG NOTES

- EXISTING WOOD BEAM TO BE REMOVED. SEE DETAIL _____ FOR ADDITIONAL INFORMATION.
- INFILL EXISTING WALL OPENING W/ 8" C.M.U. (SEE ARCH & ELEVATOR MANUFACTURER DRAWINGS FOR DOOR LOCATION).
- INSTALL NEW WINDOWS PER ARCH DRAWINGS. SEE DRAWING S2.0 AND WALL ELEVATIONS FOR ADDITIONAL INFORMATION.
- NEW DOOR OPENING PER ARCH DRAWINGS. SEE DRAWING S2.0 AND WALL ELEVATIONS FOR ADDITIONAL INFORMATION.
- SHORE EXISTING MASONRY WALL, THEN REMOVE AND DISPOSE OF EXISTING ROOFING, DECKING AND STEEL BEAMS.
- EXISTING EXTERIOR WALL TO BE ATTACHED TO EXISTING FLOOR DIAPHRAGM PER DETAIL _____.
- REMOVE AND REATTACH EXISTING GUARD RAIL PER DETAIL _____.
- SHORE EXISTING FLOOR DECKING AND REMOVE EXISTING WOOD "H" FRAMING. REPLACE WITH 2x12 JOISTS AT 12" O.C. W/ 2x12 BLOCKING AT 1/3 POINTS OF JOIST SPAN.
- INSTALL 1x4x4x1/8" LEDGER ANGLE BELOW EXISTING WOOD JOIST BEARING. SECURE TO EXISTING MASONRY WALL WITH (4) 1/2" DIA ADHESIVE ANCHORS (MIN 4" EMBEDMENT).
- INFILL VOID IN EXISTING MASONRY WALL WITH NON-SHRINK GROUT. PLACE SLEEVE AROUND PENETRATING CONDUIT.
- NEW STRUCTURAL STEEL FRAMING FOR SUPPORT OF FAN BELOW.
- EXISTING B2 WOOD BEAM TO BE REINFORCED PER DETAIL _____.

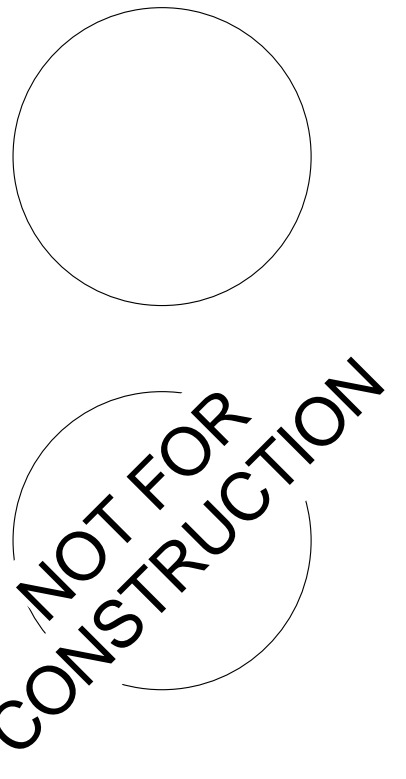
FRAMING LEGEND

- S-3.0 = 2 7/16" NORMAL WEIGHT CONCRETE REINFORCED W/ #6@12" IN 2 DIRECTION ON 18" x 24" GA GALVANIZED AND THEN PRIME PAINTED NON-COMPOSITE STEEL FORM DECK (2" TOTAL THICKNESS) (+15'-8 1/2" TO MATCH EXISTING F.F.E.).
- 1.5WR20 = 1 1/2" x 20" GA GALV WIDE RIB STEEL ROOF DECK.
- TYPE 2 = 3" LIGHTWEIGHT CONCRETE TOPPING OVER (3) 1x DECKING (8" TOTAL THICKNESS).
- EX DECK TYPE 2 = EXISTING FLOOR CONSTRUCTION CONSISTS OF 3" NORMAL WEIGHT CONCRETE TOPPING OVER (3) 1x DECKING (8" TOTAL THICKNESS).
- EX DECK TYPE 3 = EXISTING FLOOR CONSTRUCTION CONSISTS OF 3" NORMAL WEIGHT CONCRETE TOPPING OVER 1x DECKING OVER 4x DECKING (7 1/4" TOTAL THICKNESS).
- TYPE 4B = 4x TAG WOOD DECKING IN TWO SPAN CONTINUOUS LAYUP. (SOUTHERN PINE DENSE STANDARD GRADE)
- (+10'-0") = TOP OF BEAM ELEVATION REFERENCED FROM FINISHED FIRST FLOOR ELEVATION 0'-0".
- EX B1 = EXISTING WOOD BEAM. SEE WOOD BEAM SCHEDULE THIS SHEET FOR SIZE.
- ML-8 = MASONRY LINTEL (BELOW). SEE DETAIL _____S4.1 FOR SCHEDULE.
- L-1 = STEEL LINTEL (BELOW). SEE DETAIL _____S4.1 FOR SCHEDULE.
- BP-1 = STEEL BEAM BEARING PLATE. SEE DETAIL _____S4.1.
- W.C.J. = WALL CONTROL JOINT. SEE DETAIL _____S4.1.
- 8" C.M.U. WALL REINFORCED W/ #5@32" O.C. VERT. 8" BOND BEAM REINFORCED W/ (2) #5 SHALL BE PLACED AT FLOOR AND INTERMEDIATE LANDING LEVELS (SEE SECTIONS).
- EXISTING MASONRY WALL.
- WF-1 = WOOD FRAMING PER DETAIL _____ AT EXISTING FLOOR OPENING, PENETRATION OR OTHERWISE COMPROMISED DECKING AND OR FRAMING. LOCATION NOTED IS APPROXIMATE. CONTRACTOR SHALL DETERMINE ACTUAL LOCATION AND DIMENSIONS BASED ON CRITERIA GIVEN IN DETAIL _____.
- C12 = C12x20.7
- C8 = C8x11.5
- C5 = C5x6.7
- LVL = (2) 1 3/4x11 1/4 MICROLAM 1.9E (OR APPROVED EQUAL).
- EX F.F.E. (+14'-0") = EXISTING FINISHED FLOOR SPOT ELEVATION REFERENCED FROM EX FINISHED FIRST (LOW) FLOOR ELEVATION 100'-0".

WOOD BEAM SCHEDULE	
MARK	ACTUAL SIZE (WIDTH x DEPTH)
B1	11x13
B2	13x15
B3	(5) 2x13 1/2



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212 North Upper Street
Louisville, Kentucky 40202-1001
p.502.252.2525 f.502.252.2558
www.omniarchitects.com

BROWN + KUBICAN
STRUCTURAL ENGINEERS
2224 Young Drive
Louisville, KY 40205
Phone: 502.583.0933
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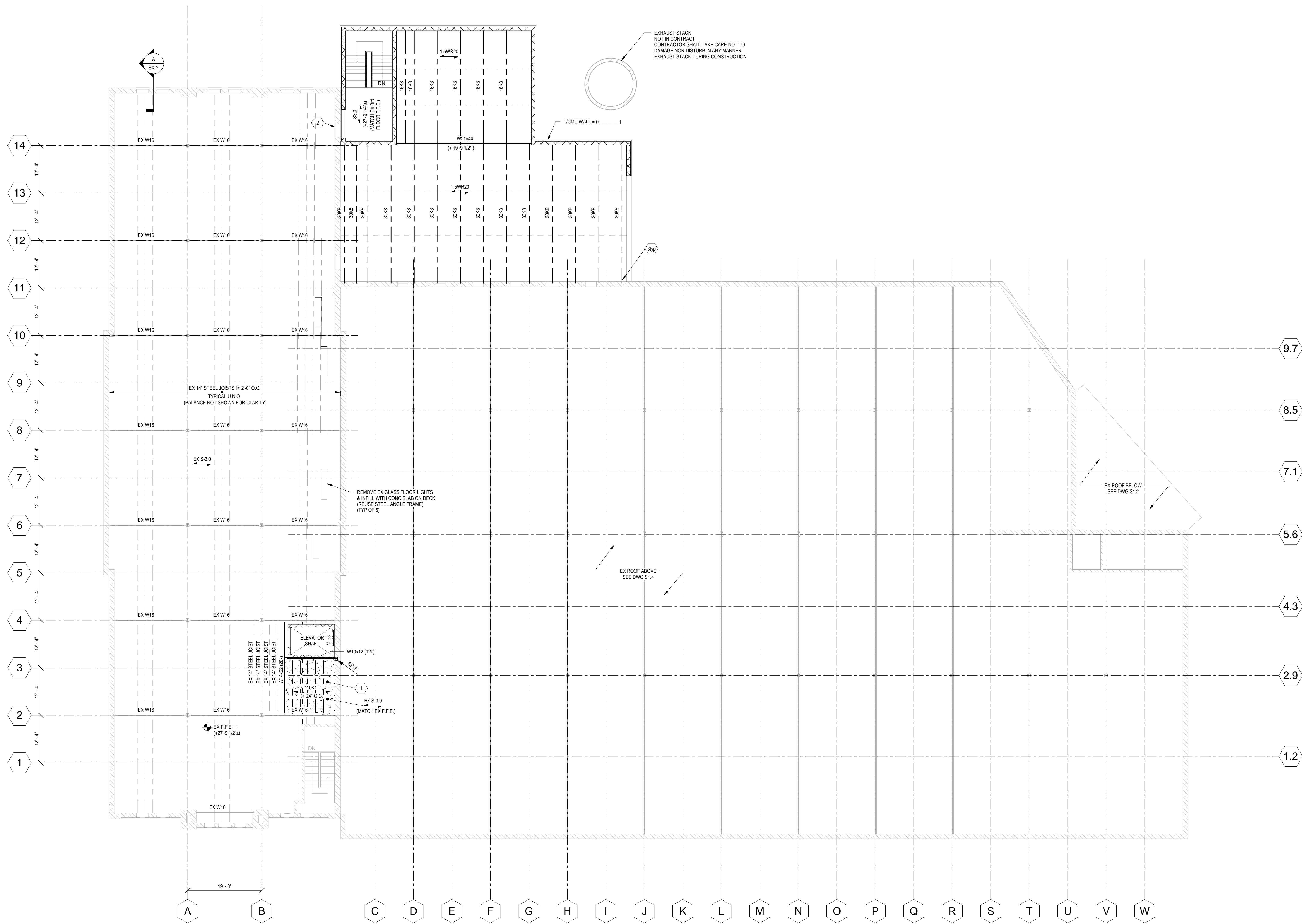
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PRE-DESIGN

S1.2



THIRD FLOOR FRAMING PLAN
3/32" = 1'-0"

PLAN NOTES

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- SEE DWG S1.0 FOR GENERAL NOTES.
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- SEE DWG S2.0 FOR REFERENCE PLAN INDICATING INTERIOR AND EXTERIOR WALL ELEVATIONS.
- ALL EXTERIOR STEEL FRAMING SHALL BE HOT DIPPED GALVANIZED. THIS INCLUDES STEEL LINTELS INSTALLED IN EXTERIOR WALLS.

TAG NOTES

- EXISTING FLOOR DECK, STEEL JOISTS & FLOOR LIGHTS TO BE REMOVED & REPLACED WITH FRAMING SHOWN.
- NEW DOOR OPENING PER ARCH DWGS. SEE DWG S2.0 & WALL ELEVATIONS FOR ADDITIONAL INFORMATION.
- POCKET INTO EX MASONRY WALL FOR NEW JOIST BEARING PER DET _____.

FRAMING LEGEND

- EX S-3.0 = EX CONCRETE TOPPING SLAB OVER STEEL FORM DECK (5" TOTAL THICKNESS).
- 1.5WR20 = 1 1/2" 20 GA GALV WIDE RIB STEEL ROOF DECK.
- W16x26 (20K) = STEEL BEAM SIZE (ASTM A992). SERVICE LOAD REACTION (KIPS) EACH END.
- (+10'-0") = TOP OF BEAM ELEVATION REFERENCED FROM FINISHED FIRST FLOOR ELEVATION 0'-0".
- EX W16 = EXISTING STEEL BEAM 16" DEEP.
- ML-8 = MASONRY LINTEL (BELOW). SEE DETAIL ___S4.1 FOR SCHEDULE.
- L-1 = STEEL LINTEL (BELOW). SEE DETAIL ___S4.1 FOR SCHEDULE.
- BP-1 = STEEL BEAM BEARING PLATE. SEE DETAIL ___S4.1.
- W.C.J. = WALL CONTROL JOINT. SEE DETAIL ___S4.1.
- 8" CMU WALL REINFORCED W/ #5@32" O.C. VERT. 8" BOND BEAM REINFORCED W/ (2) #5 SHALL BE PLACED AT FLOOR AND INTERMEDIATE LANDING LEVELS (SEE SECTIONS).
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- SF-1 = STEEL FRAMING PER DETAIL _____ AT EXISTING ROOF OPENING, PENETRATION OR OTHERWISE COMPROMISED DECKING AND/OR FRAMING. LOCATION NOTED IS APPROXIMATE. CONTRACTOR SHALL DETERMINE ACTUAL LOCATION AND DIMENSIONS BASED ON CRITERIA GIVEN IN DETAIL.

UNIVERSITY LOFTS - Renovate Academic Facility UK School of Art & Visual Studies

THIRD FLOOR FRAMING PLAN

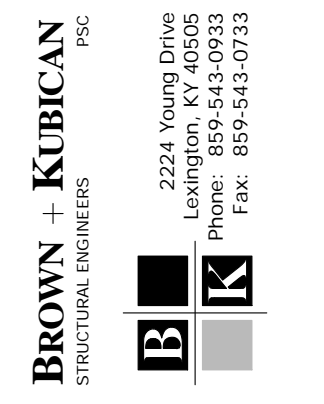
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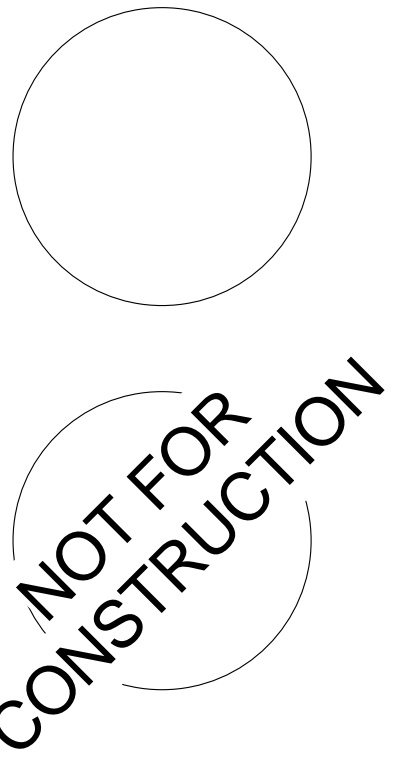
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Louisville, Kentucky 40202-1001
p: 502.252.2525
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BROWN + KUBICAN
STRUCTURAL ENGINEERS
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Louisville, KY 40205
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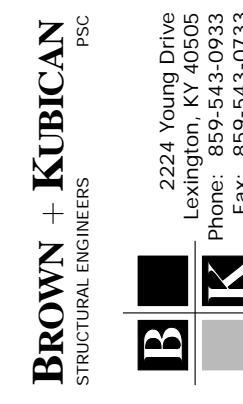
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PRE-DESIGN

S1.3



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 Lexington, Kentucky 40507-1001
 P: 606.252.2600
 F: 606.252.2598
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 2224 Young Drive
 Lexington, KY 40503
 P: 606.543.0933
 F: 606.543.0933

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PLAN NOTES

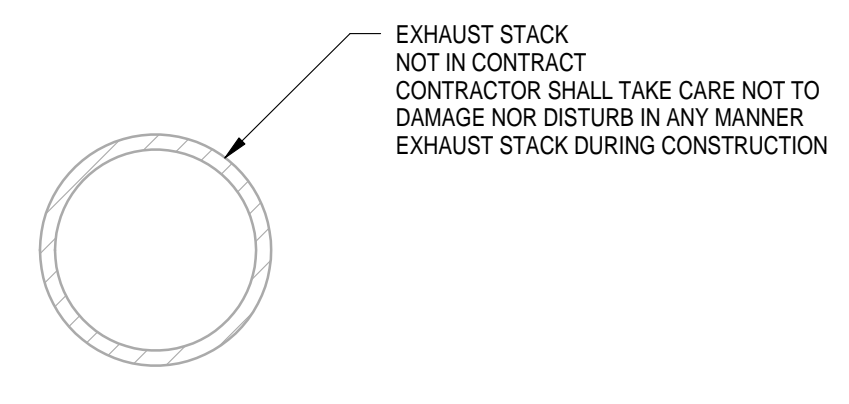
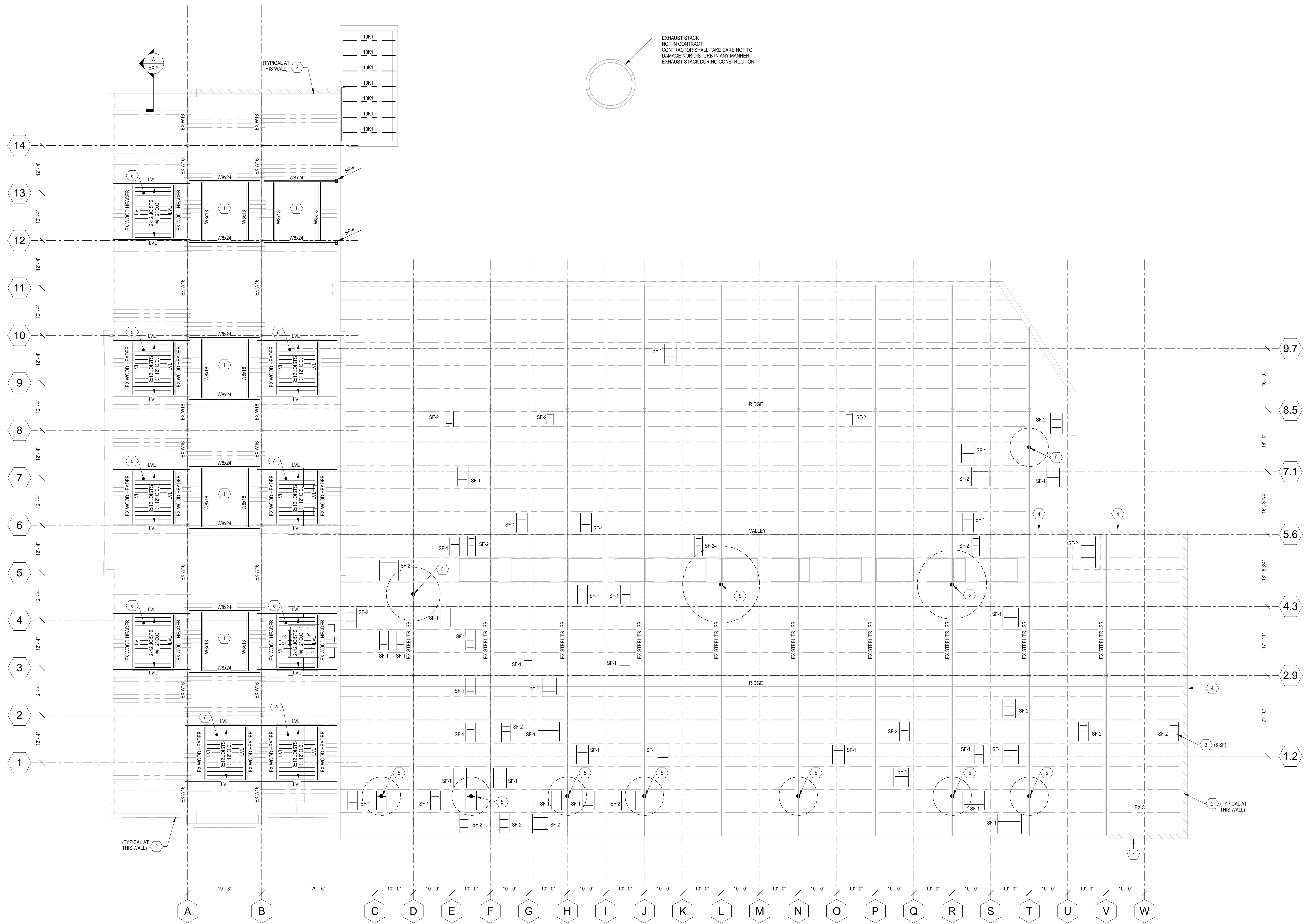
- ELEVATIONS ARE SHOWN TO THE TOP OF STEEL BEAM AND ARE REFERENCED FROM FINISHED FIRST FLOOR (LOW) ELEVATION 0'-0".
- SEE DWG S1.0 FOR GENERAL NOTES.
- EXISTING FOUNDATIONS, WALLS, FRAMING, ETC. ARE SHOWN FOR REFERENCE ONLY. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS RELEVANT TO HIS WORK.
- SEE DWG S2.0 FOR REFERENCE PLAN INDICATING INTERIOR AND EXTERIOR WALL ELEVATIONS.
- ALL EXTERIOR STEEL FRAMING SHALL BE HOT DIPPED GALVANIZED. THIS INCLUDES STEEL LINTELS INSTALLED IN EXTERIOR WALLS.

TAG NOTES

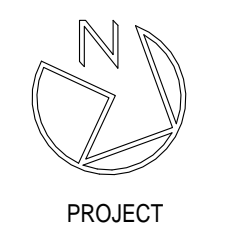
- EXISTING LIGHT MONITOR TO REMAIN. JACK EXISTING WOOD FRAMING UP TO 1/2" ABOVE LEVEL PRIOR TO INSTALLING STEEL FRAMING. INSTAL STEEL FRAMING PER DETAIL.
- EXISTING EXTERIOR WALL TO BE ATTACHED TO EXISTING ROOF DIAPHRAGM PER DETAIL.
- REMOVE & REPLACE DAMAGED PLY OF ROOF DECKING. NUMBER IN PARENTHESIS IS APPROXIMATE AREA.
- TOP OF PARAPET WALL SHALL BE REMOVED SUCH THAT TOP OF WALL ELEV. IN THE COMPLETED STRUCTURE = (438'-0"). INTENT IS FOR TOP OF PARAPET IN COMPLETED CONSTRUCTION TOP BE 1'-0" HIGHER THAN THE FINISHED ROOF ELEVATION AT THE RIDGE. FIELD VERIFY RIDGE ELEVATION AND ADJUST NOTED PARAPET ELEVATION ACCORDINGLY.
- NEW STRUCTURAL STEEL FRAMING FOR SUPPORT OF FAN BELOW.
- EX LIGHT MONITOR TO BE REMOVED. OPENING TO BE INFILLED AS NOTED.

FRAMING LEGEND

- 15WR22 = 1 1/2" 22 GA GALV WIDE RIB STEEL ROOF DECK.
- +X-X' = TOP OF STEEL, BOTTOM OF DECK SPOT ELEVATION.
- SLOPE STEEL EVENLY BETWEEN POINTS. DROP STEEL JOIST SUPPORT BEAMS (BEARING PLATES BY DEPTH OF JOIST SEAT (SIGNIFIED AS SD - SEAT DEPTH), WHERE NO SEAT DEPTH IS SPECIFIED, DEPTH SHALL BE SJI STANDARD FOR TYPE OF JOIST).
- STEEL BEAM SIZE (ASTM A992), SERVICE LOAD REACTION (KIPS) EACH END.
- W16x36 (20k)
- (4'-0") = TOP OF STEEL BEAM ELEVATION REFERENCED FROM FINISHED FIRST FLOOR ELEVATION 0'-0".
- EX W16 = EXISTING STEEL BEAM 16" DEEP.
- M-8 = MASONRY LINTEL (BELOW), SEE DETAIL D/S 401 FOR SCHEDULE.
- L-1 = STEEL LINTEL (BELOW), SEE DETAIL E/S 401 FOR SCHEDULE.
- BP-1 = STEEL BEAM BEARING PLATE. SEE DETAIL F/S 4.1.
- W.C.J. = WALL CONTROL JOINT. SEE DETAIL C/S 4.1.
- 1/4" = APPROXIMATE ROOF SLOPE. FIELD VERIFY AS NEEDED.
- EXISTING MASONRY WALL.



ROOF FRAMING PLAN
 3/32" = 1'-0"



CONTRACTOR TO VERIFY ALL DIMENSIONS IN THE FIELD

THE GENERAL CONTRACTOR/GENERAL TRADES CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DESIGNING, SUPPLYING AND INSTALLING ALL TEMPORARY SHORING NECESSARY TO REMOVE OR MODIFY EXISTING AND/OR INSTALL NEW STRUCTURAL ELEMENTS. THE DESIGN OF THE SHORING MUST BE DONE BY A PROFESSIONAL ENGINEER LICENSED TO PRACTICE IN THE STATE OF KENTUCKY. THE CONTRACTOR SHALL SUBMIT TO THE ARCHITECT FOR THEIR RECORDS TEMPORARY SHORING DRAWINGS (PLANS AND NECESSARY DETAILS), SEALED, SIGNED AND DATED BY THE PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION.

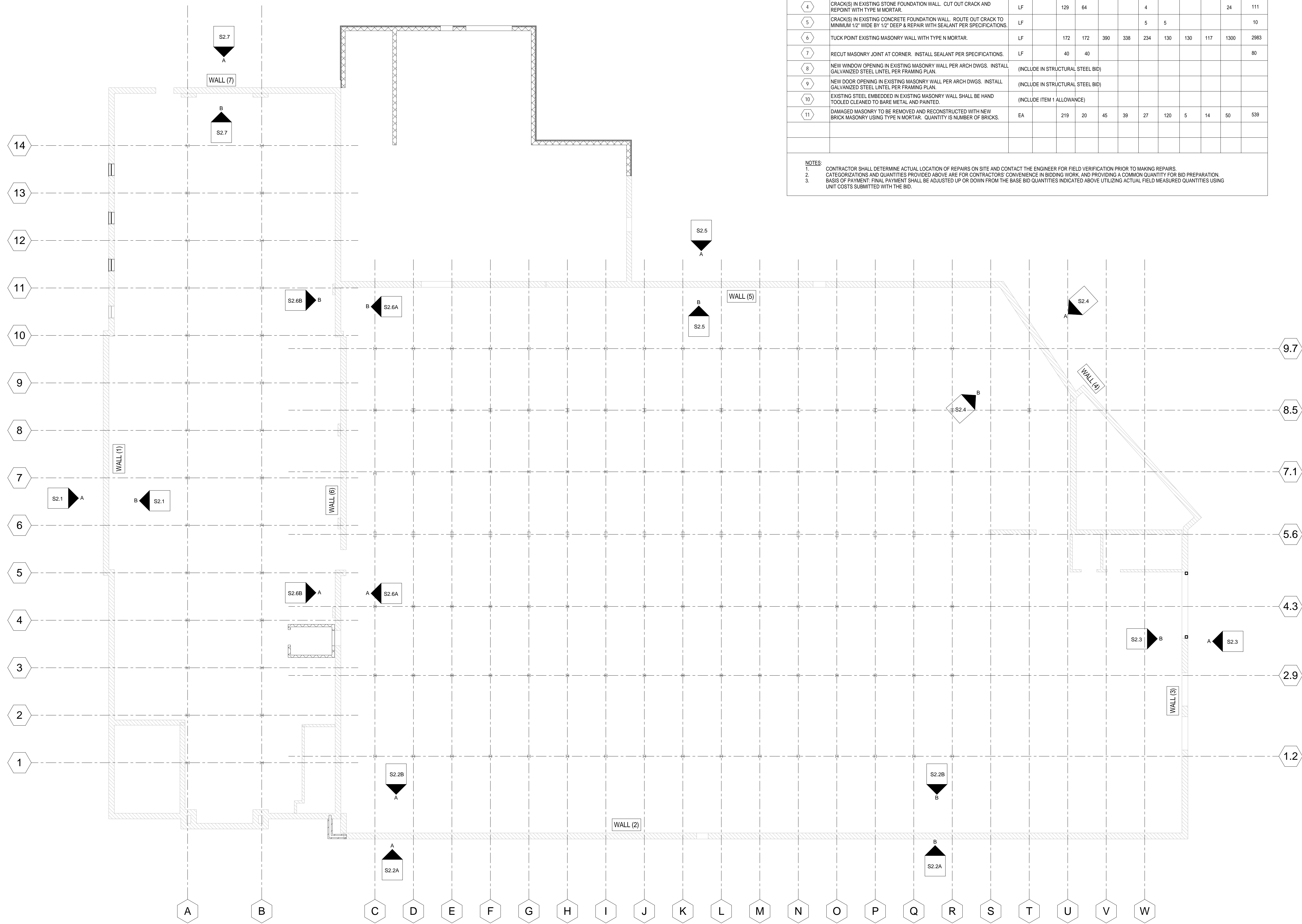
PRE-DESIGN

S1.4

SCHEDULE OF REPAIRS - WALLS

ITEM #	DESCRIPTION	UNIT	QUANTITY ALLOWANCE											TOTAL		
			S2.0	S2.1	S2.2A	S2.2B	S2.3	S2.4	S2.5	S2.6A	S2.6B	S2.7				
1	EX STEEL LINTEL IN EXTERIOR WALLS EXPOSED TO WEATHER SHALL BE HAND TOoled CLEANED TO BARE METAL AND PAINTED.	SF														500
2	REMOVE AND STORE DOWNSPOUT PRIOR TO WALL REPAIRS AT THIS LOCATION. REPLACE DOWNSPOUT AFTER WORK AT THIS LOCATION IS COMPLETED.	EA									1					1
3	CRACKS IN EXISTING MASONRY. CUT OUT CRACK AND REPOINT WITH TYPE N MORTAR.	LF		195	94	243	348	265	193	200	185	100				1823
4	CRACK(S) IN EXISTING STONE FOUNDATION WALL. CUT OUT CRACK AND REPOINT WITH TYPE M MORTAR.	LF		129	64			4								111
5	CRACK(S) IN EXISTING CONCRETE FOUNDATION WALL. ROUTE OUT CRACK TO MINIMUM 1/2" WIDE BY 1/2" DEEP & REPAIR WITH SEALANT PER SPECIFICATIONS.	LF						5	5							10
6	TUCK POINT EXISTING MASONRY WALL WITH TYPE N MORTAR.	LF		172	172	390	338	234	130	130	117	1300				2983
7	RECUT MASONRY JOINT AT CORNER. INSTALL SEALANT PER SPECIFICATIONS.	LF		40	40											80
8	NEW WINDOW OPENING IN EXISTING MASONRY WALL PER ARCH DWGS. INSTALL GALVANIZED STEEL LINTEL PER FRAMING PLAN.															(INCLUDE IN STRUCTURAL STEEL BID)
9	NEW DOOR OPENING IN EXISTING MASONRY WALL PER ARCH DWGS. INSTALL GALVANIZED STEEL LINTEL PER FRAMING PLAN.															(INCLUDE IN STRUCTURAL STEEL BID)
10	EXISTING STEEL EMBEDDED IN EXISTING MASONRY WALL SHALL BE HAND TOoled CLEANED TO BARE METAL AND PAINTED.															(INCLUDE ITEM 1 ALLOWANCE)
11	DAMAGED MASONRY TO BE REMOVED AND RECONSTRUCTED WITH NEW BRICK MASONRY USING TYPE N MORTAR. QUANTITY IS NUMBER OF BRICKS.	EA		219	20	45	39	27	120	5	14	50				539

NOTES:
 1. CONTRACTOR SHALL DETERMINE ACTUAL LOCATION OF REPAIRS ON SITE AND CONTACT THE ENGINEER FOR FIELD VERIFICATION PRIOR TO MAKING REPAIRS.
 2. CATEGORIES AND QUANTITIES PROVIDED ABOVE ARE FOR CONTRACTORS' CONVENIENCE IN BIDDING WORK, AND PROVIDING A COMMON QUANTITY FOR BID PREPARATION.
 3. BASIS OF PAYMENT: FINAL PAYMENT SHALL BE ADJUSTED UP OR DOWN FROM THE BASE BID QUANTITIES INDICATED ABOVE UTILIZING ACTUAL FIELD MEASURED QUANTITIES USING UNIT COSTS SUBMITTED WITH THE BID.

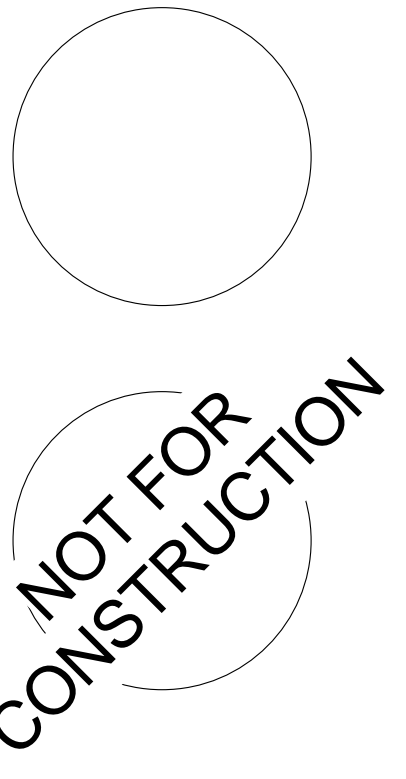


WALL ELEVATIONS KEY PLAN
 3/32" = 1'-0"

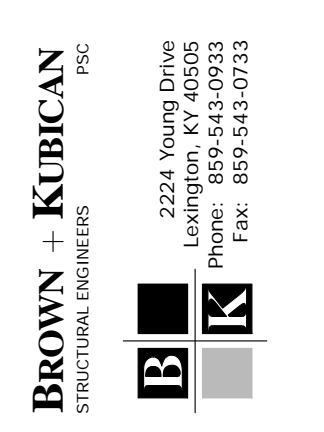
ELEVATION NOTES

- THIS PLAN IS FOR REFERENCE ONLY. SEE ELEVATIONS AND SCHEDULE REFERENCED ON THIS PLAN FOR DESCRIPTION AND APPROXIMATE LOCATION OF WORK, TO BE VERIFIED IN FIELD BY CONTRACTOR.
- THESE NOTES APPLY TO ALL S2.# SHEETS.

UNIVERSITY LOFTS - Renovate Academic Facility UK School of Art & Visual Studies
 WALL ELEVATIONS KEY PLAN
 JOB NUMBER: 1205
 DATE: 3/05/2013
 DRAWN BY: BSM
 CHECKED BY: ASR
 REVISION:



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 Fax: 606.252.2258
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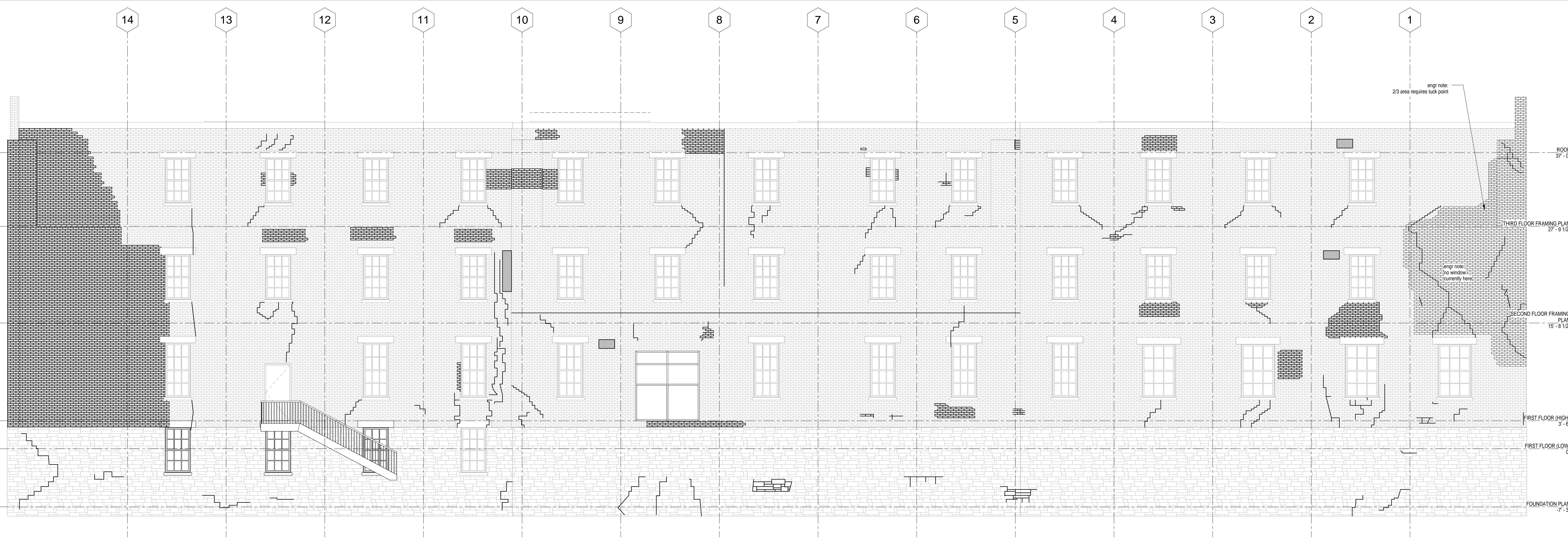
PRE-DESIGN

S2.0

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CONTRACTOR TO VERIFY ALL DIMENSIONS IN THE FIELD



WALL (1) EXTERIOR ELEVATION
 3/16" = 1'-0"



WALL (1) INTERIOR ELEVATION
 3/16" = 1'-0"

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WALL ELEVATIONS

PRE-DESIGN

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212 North Upper Street
 Lovington, Kentucky 40507-1001
 p. 502.252.8888 f. 502.252.2598
 www.omniarchitects.com

BROWN + KUBICAN PC
 STRUCTURAL ENGINEERS
 2224 Young Drive
 Louisville, Kentucky 40205
 Home: 502.438.0933
 Fax: 502.438.0933

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Date: 3/05/2013 Job Number: 1205 Drawn By: BSM Checked By: ASR Revision:

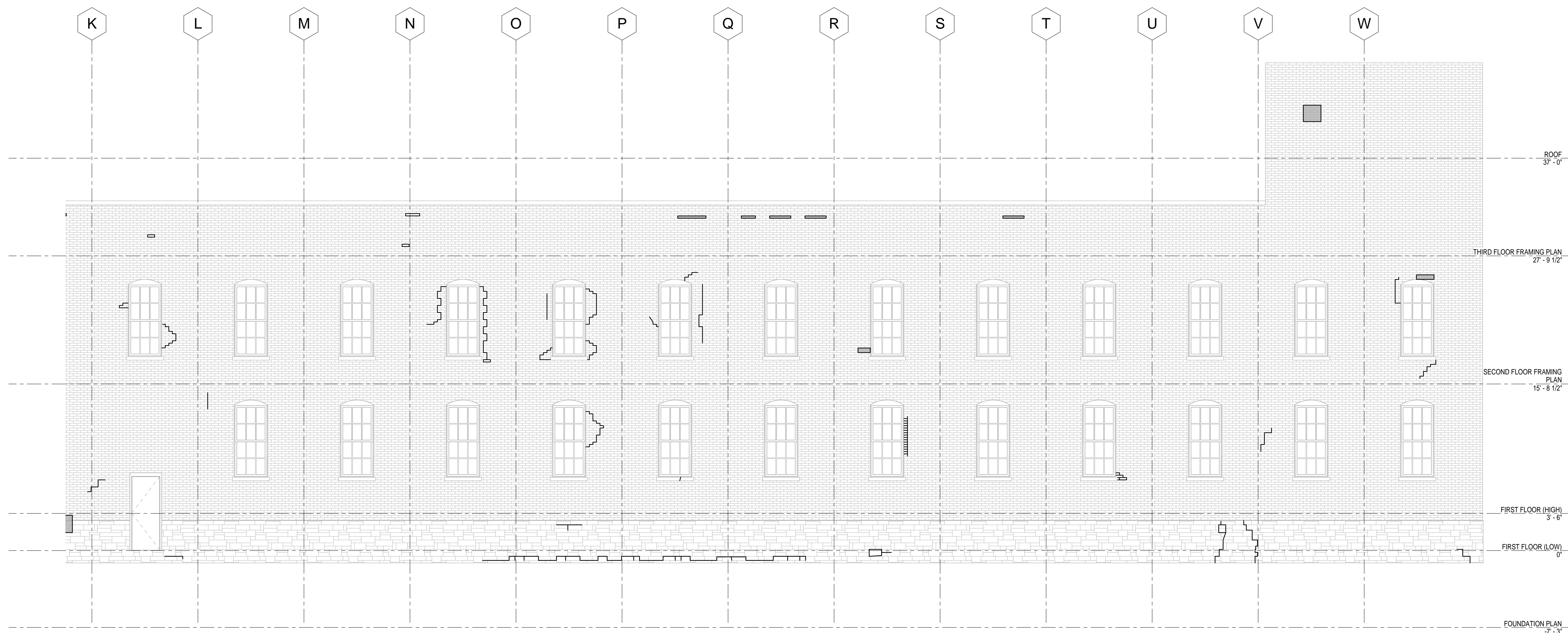
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A WALL (2) EXTERIOR ELEVATION - PART A
 S2.2A 3/16" = 1'-0"



B WALL (2) EXTERIOR ELEVATION - PART B
 S2.2A 3/16" = 1'-0"

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Checked By: ASR
 Drawn By: BSM
 Date: 3/05/2013
 Job Number: 1205

Revision:

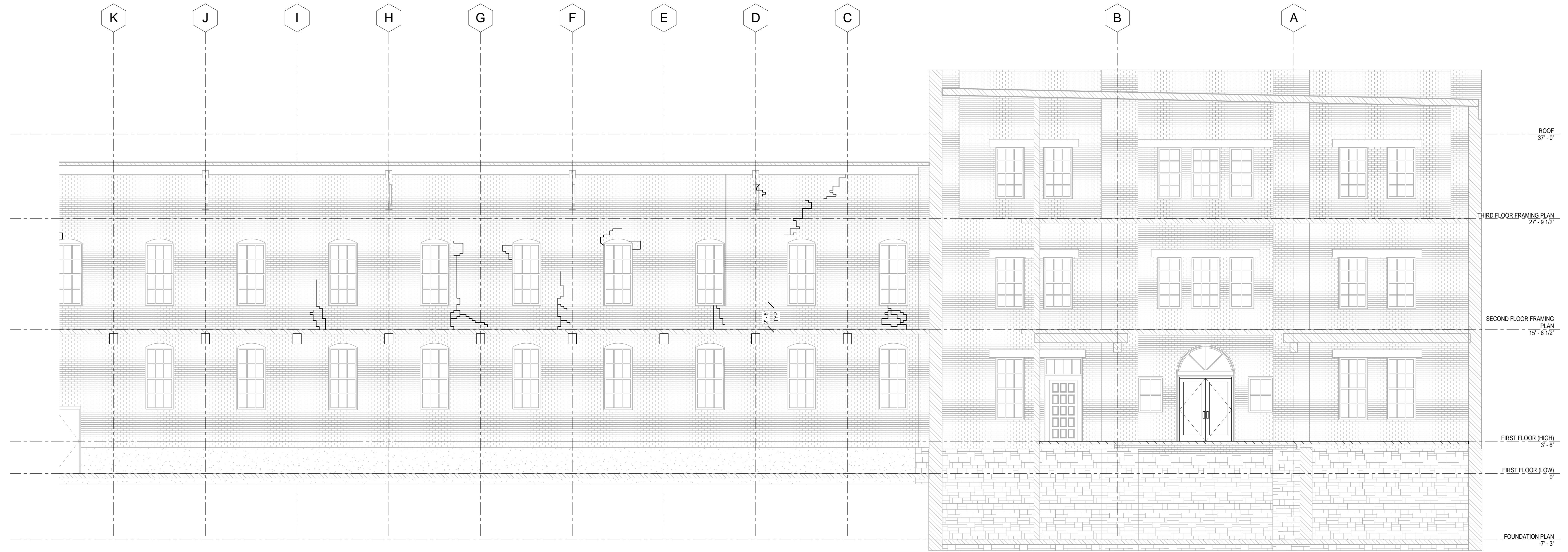
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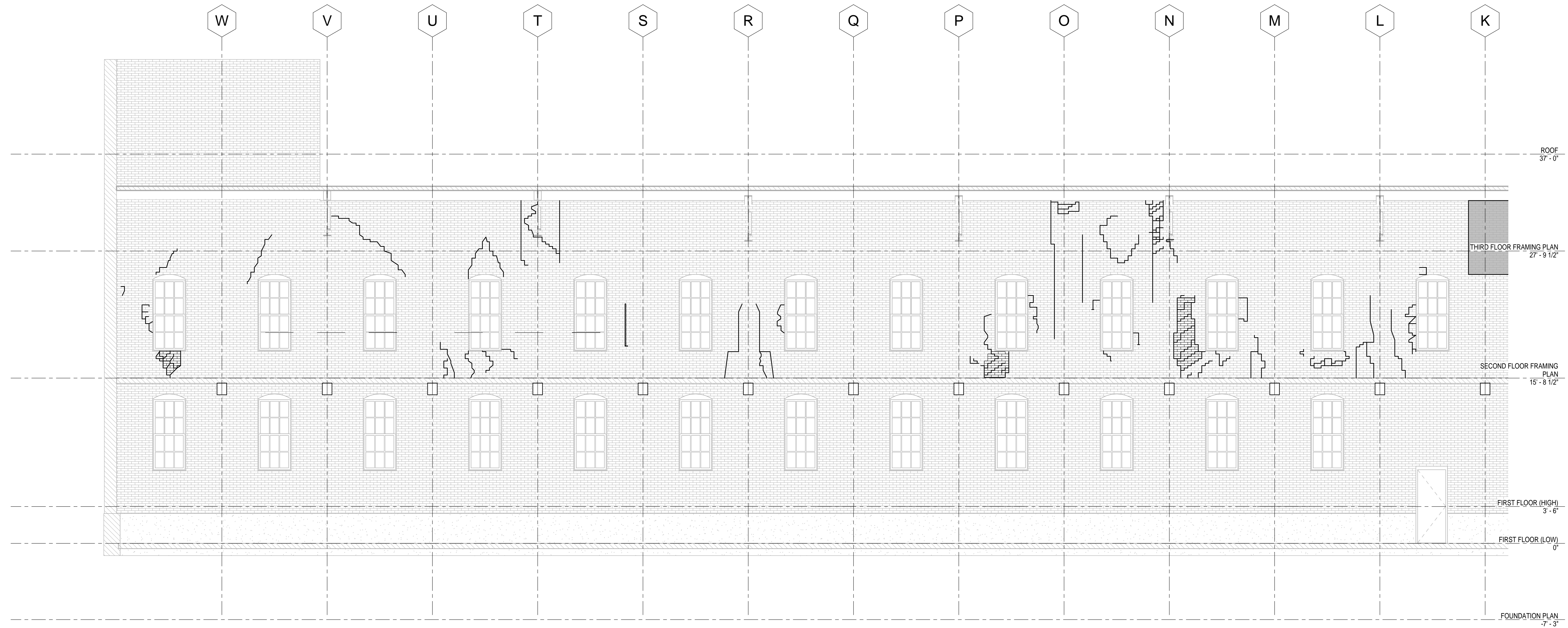
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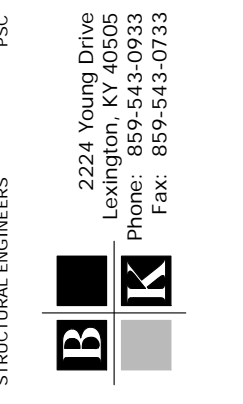
A
S2.2B
WALL (2) INTERIOR ELEVATION - PART A
3/16" = 1'-0"



B
S2.2B
WALL (2) INTERIOR ELEVATION - PART B
3/16" = 1'-0"



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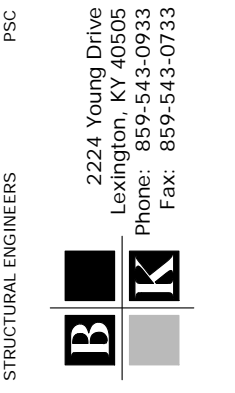
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WALL ELEVATIONS

PRE-DESIGN



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 Phone: 502.583.0933
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Job Number: 1205

Date: 3/05/2013

Drawn By: BSM

Checked By: ASR

Revision:

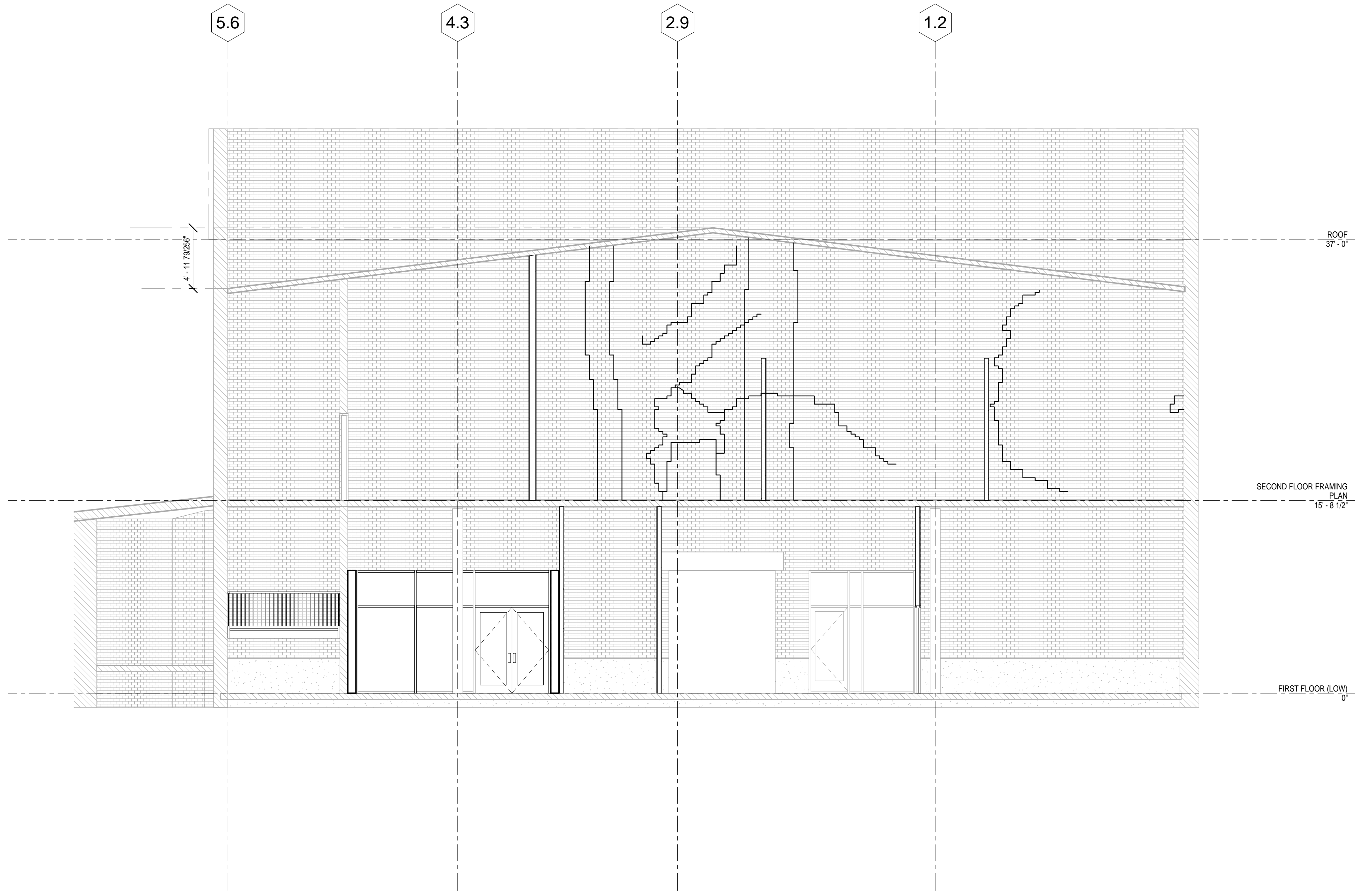
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B
 S2.3

WALL (3) INTERIOR ELEVATION

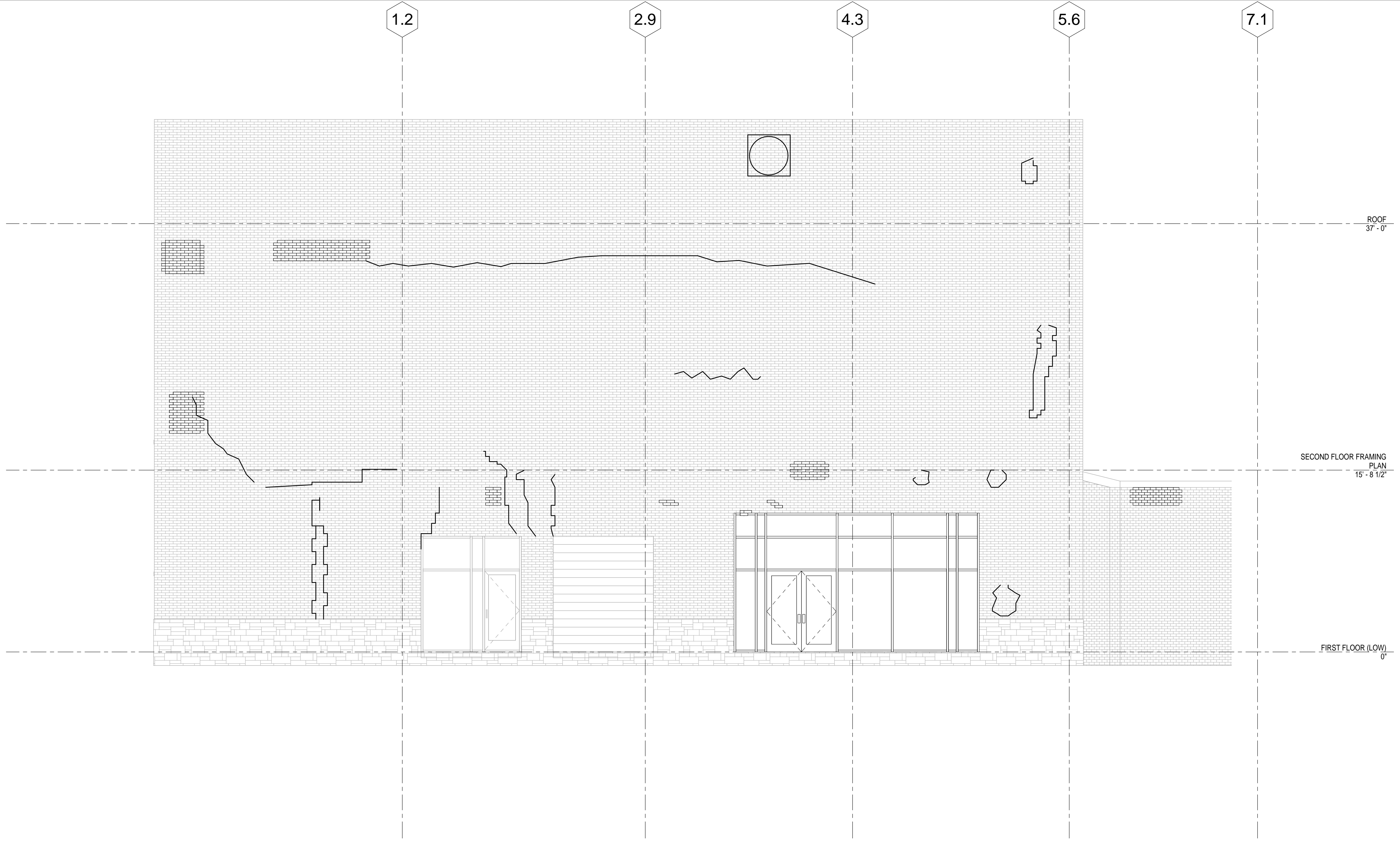
3/16" = 1'-0"



A
 S2.3

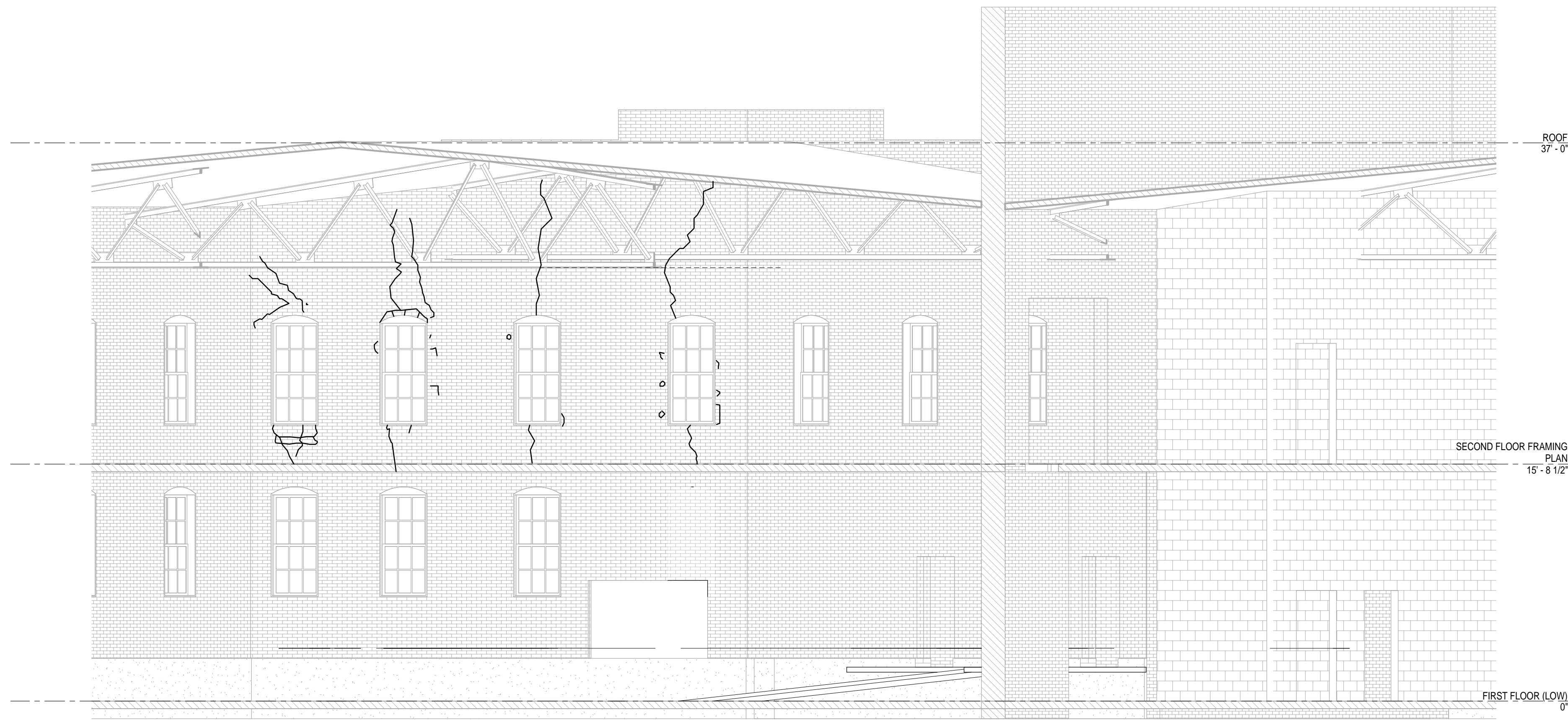
WALL (3) EXTERIOR ELEVATION

3/16" = 1'-0"

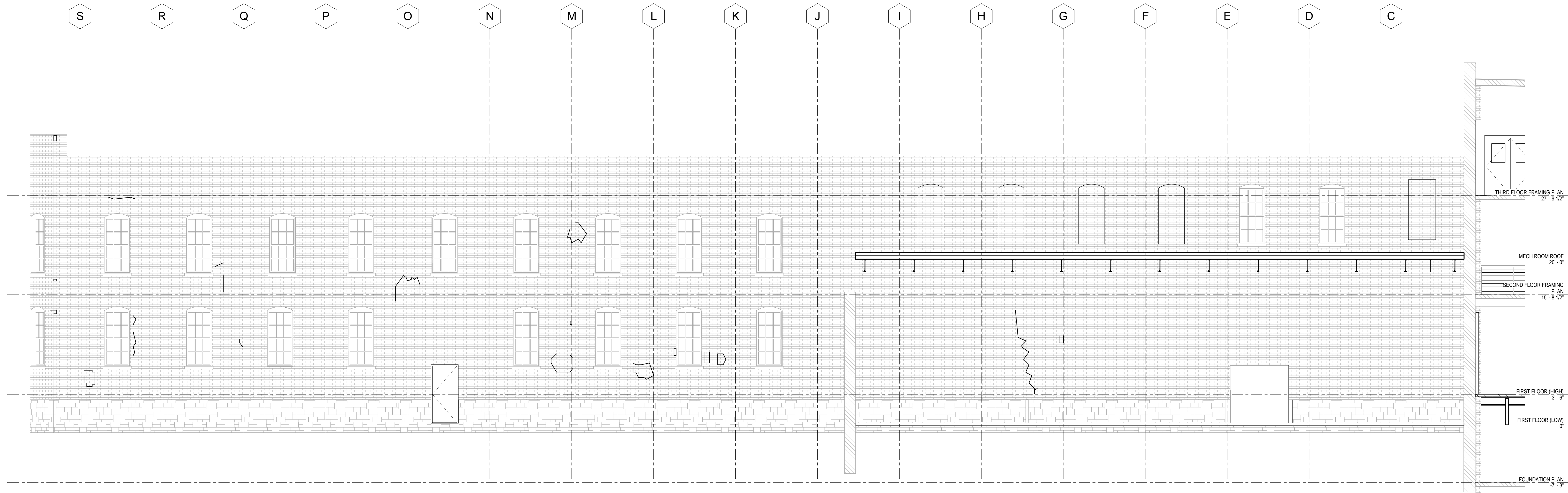




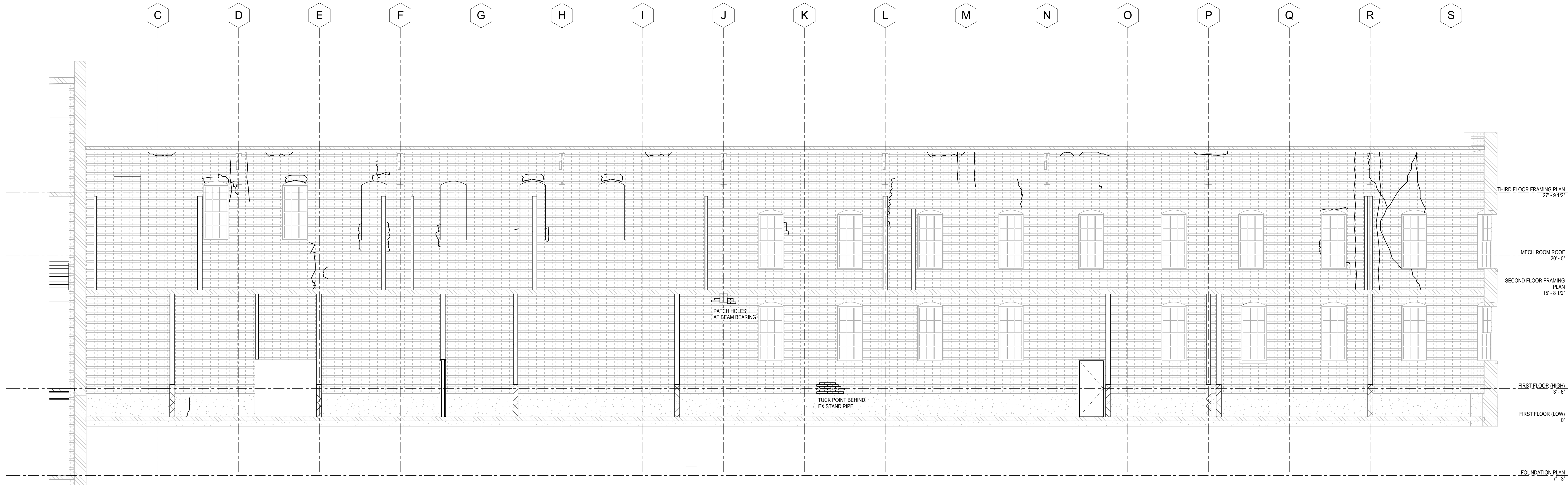
WALL (4) EXTERIOR ELEVATION
 A
 S2.4
 3/16" = 1'-0"



WALL (4) INTERIOR ELEVATION
 B
 S2.4
 3/16" = 1'-0"



A
S2.5
WALL (5) EXTERIOR ELEVATION
3/16" = 1'-0"



B
S2.5
WALL (5) INTERIOR ELEVATION
3/16" = 1'-0"

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WALL ELEVATION

Revision: _____
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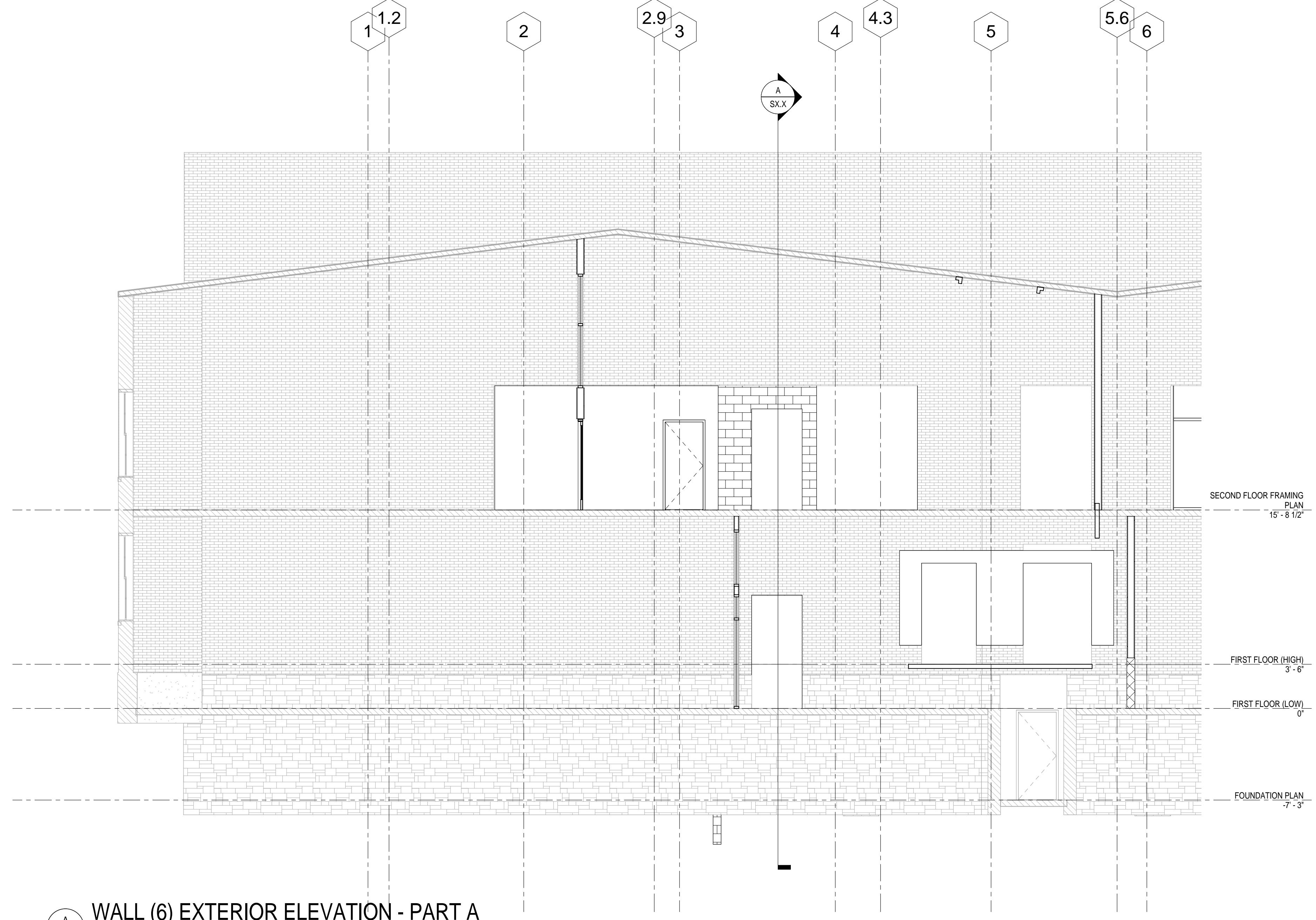
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ARCHITECTS

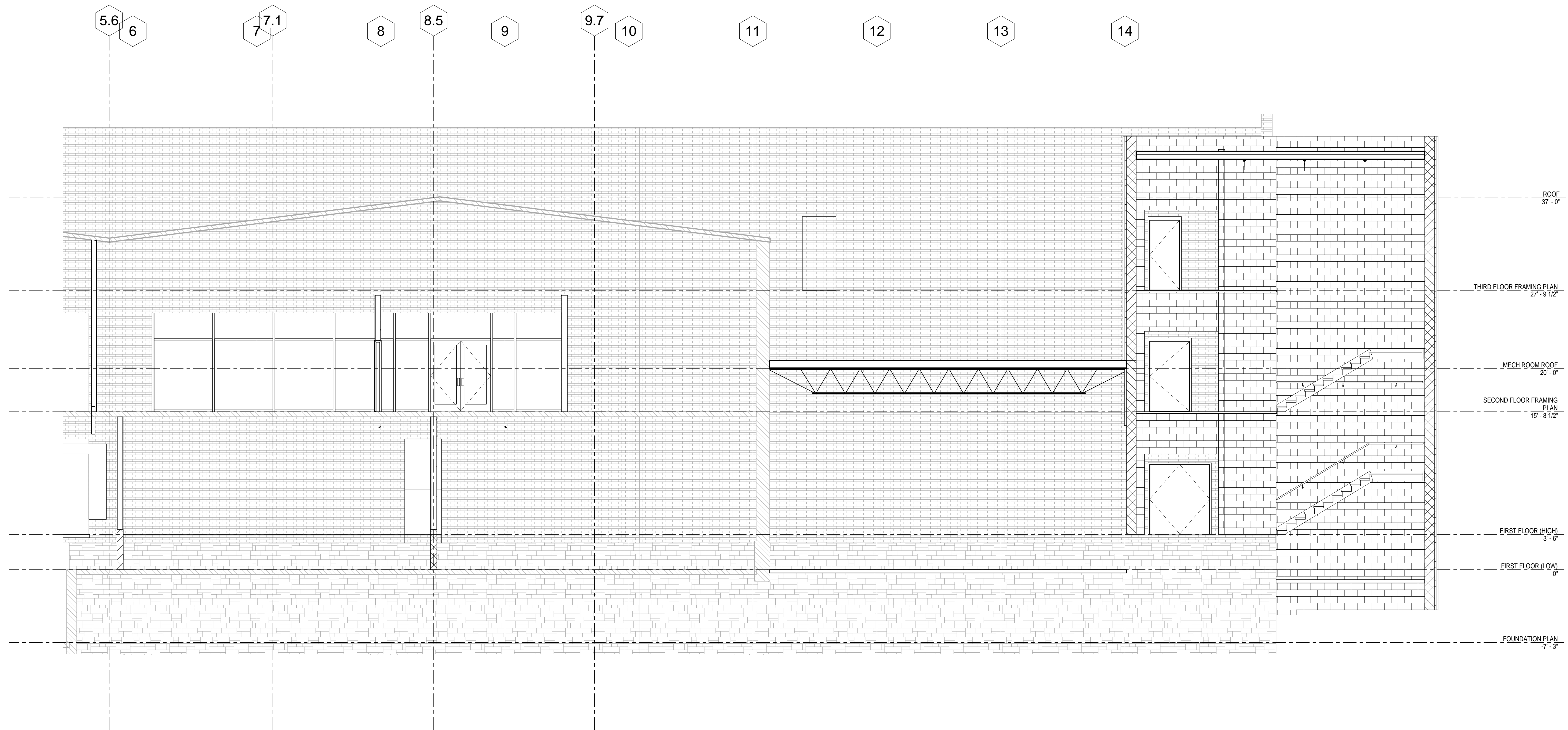
PRE-DESIGN

S2.5

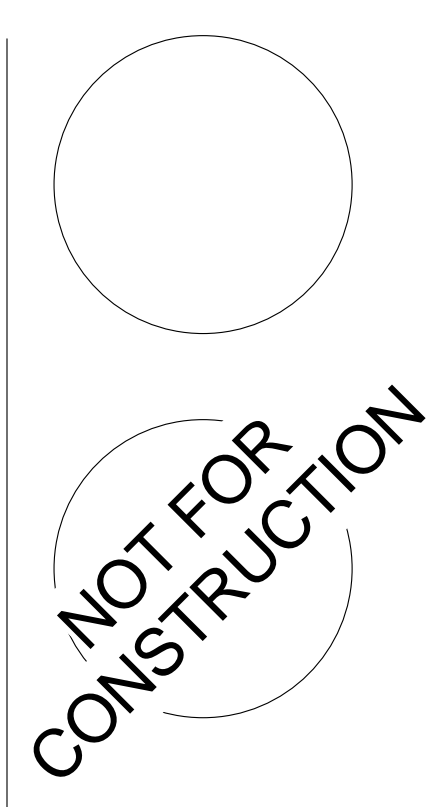
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WALL (6) EXTERIOR ELEVATION - PART A
 3/16" = 1'-0"



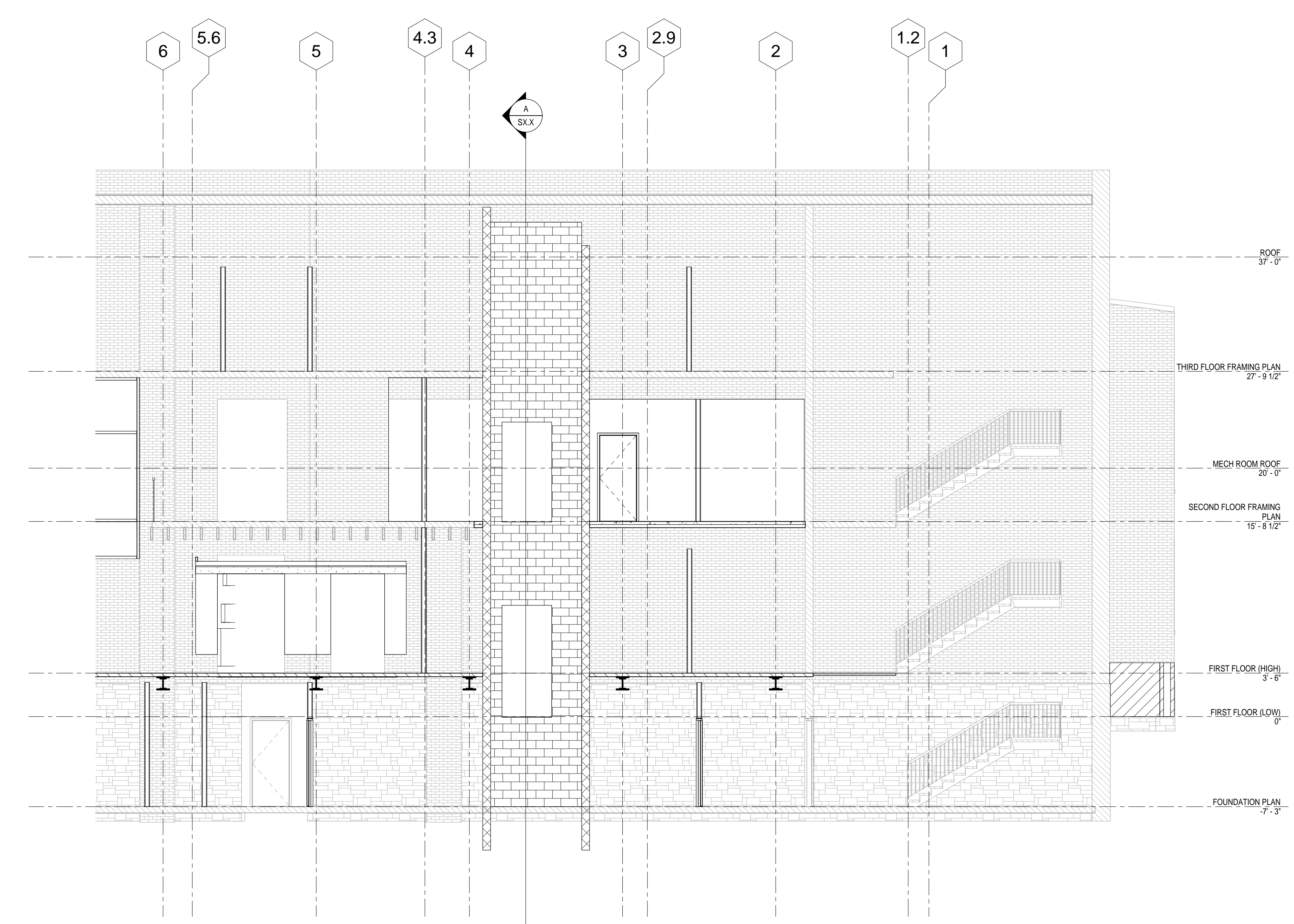
WALL (6) EXTERIOR ELEVATION - PART B
 3/16" = 1'-0"



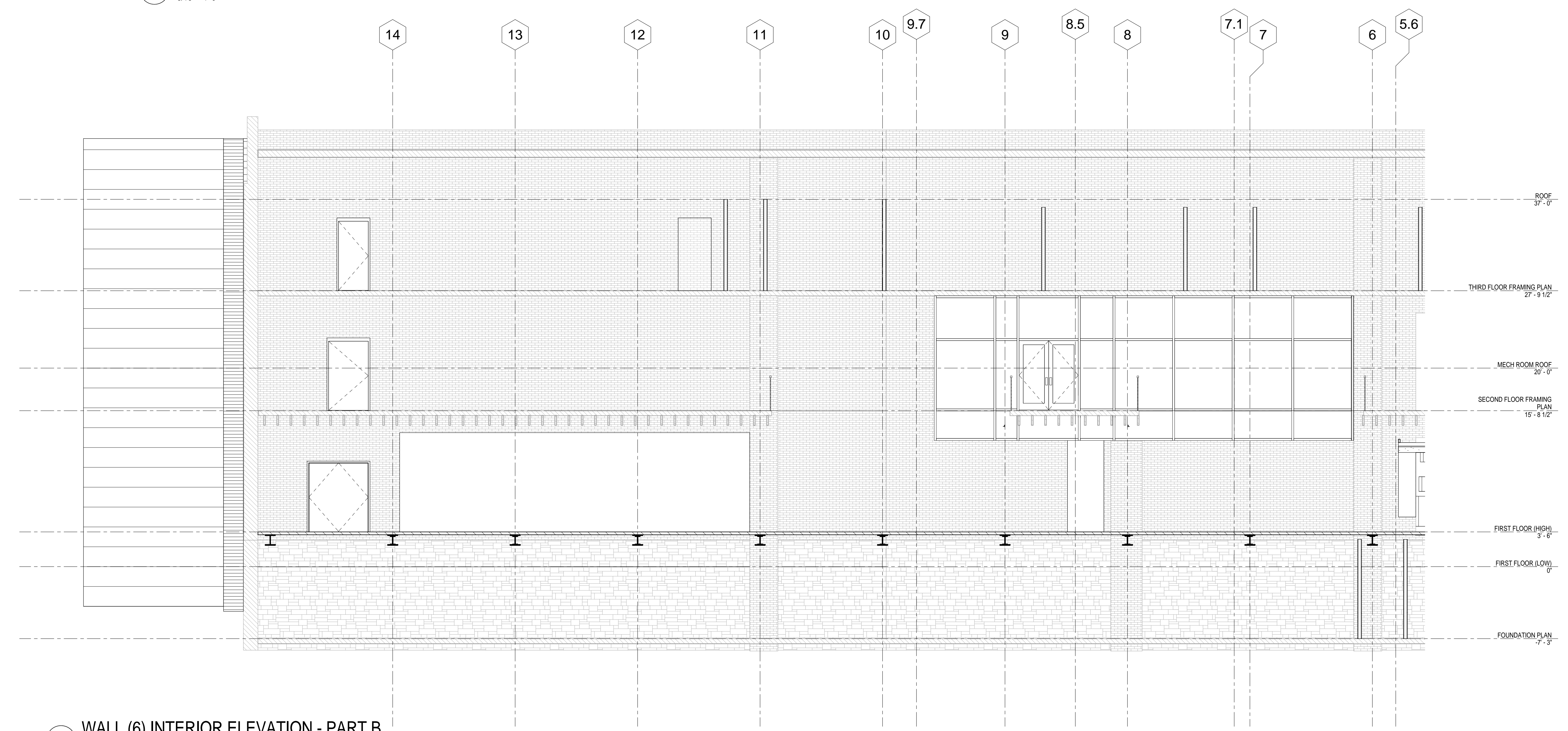
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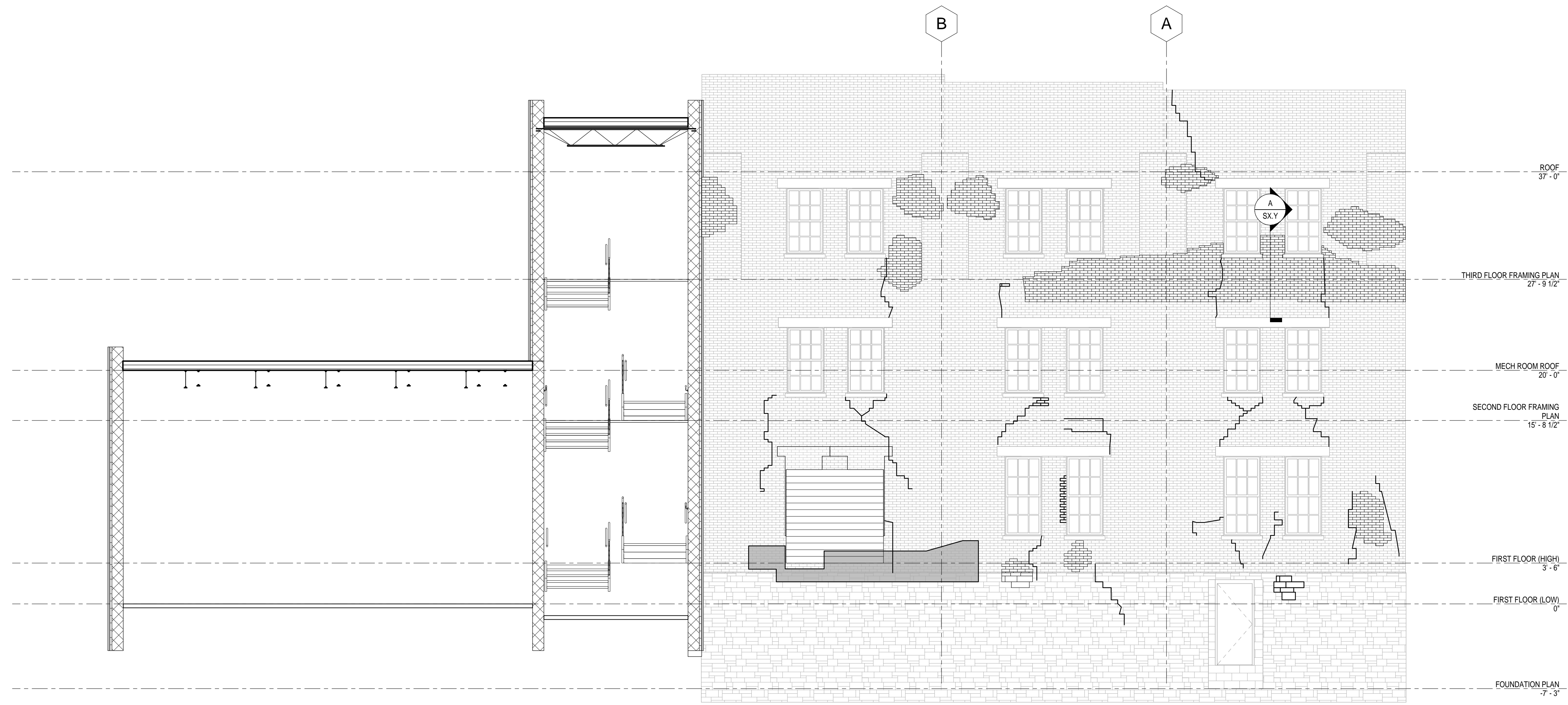
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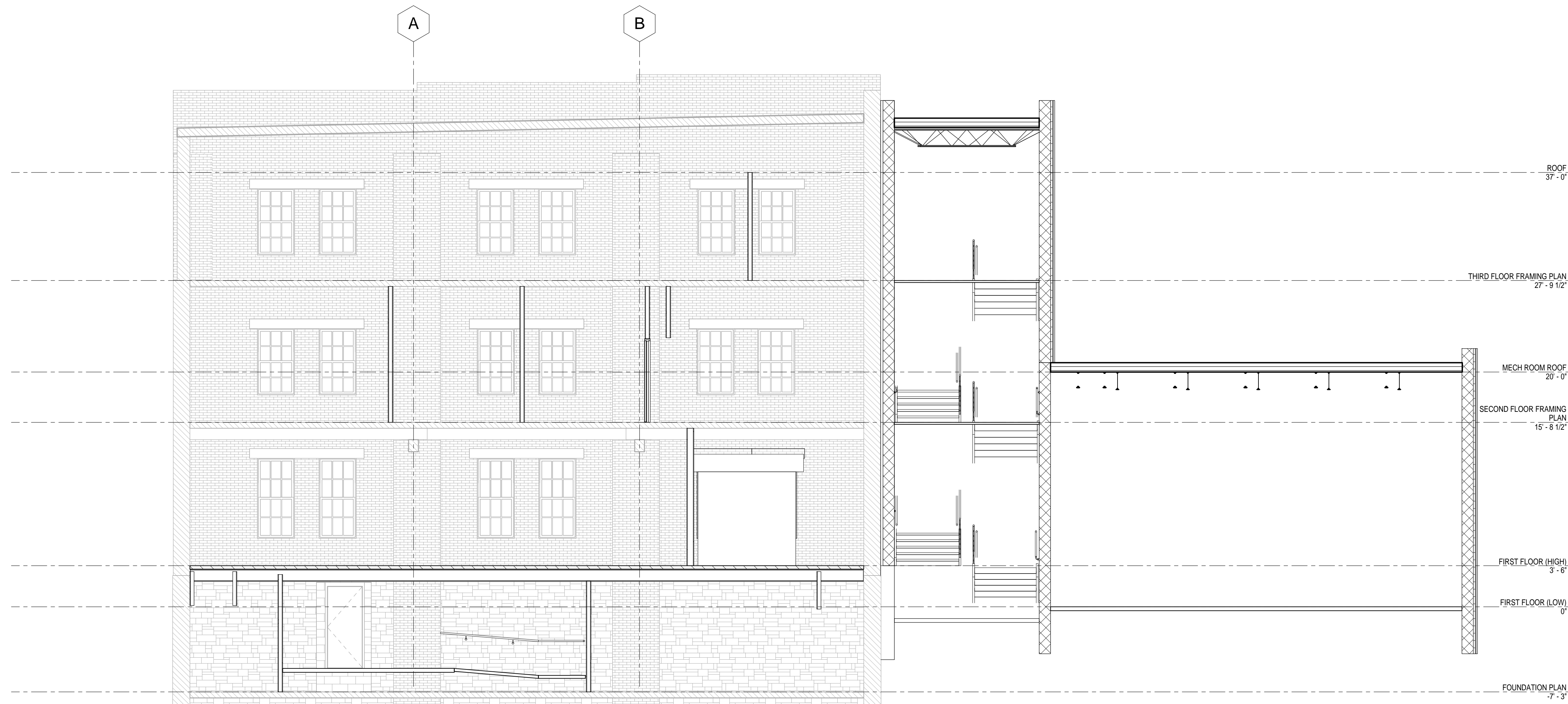
A
 S2.6B
 WALL (6) INTERIOR ELEVATION - PART A
 3/16" = 1'-0"



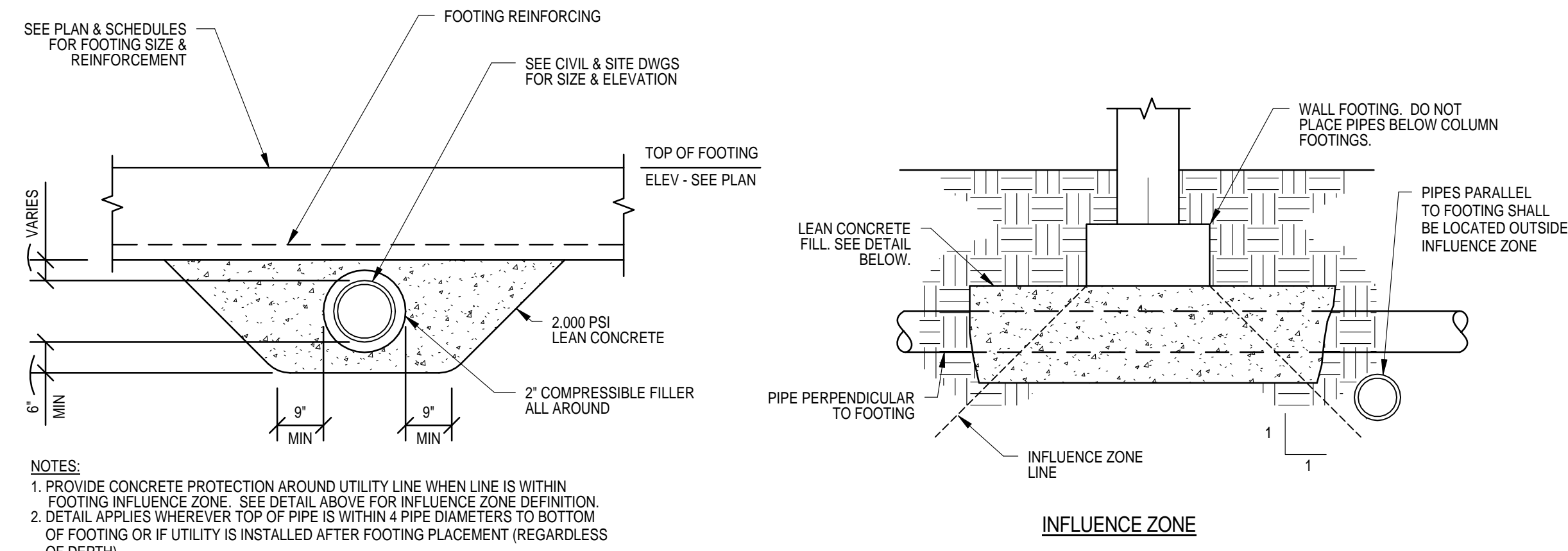
B
 S2.6B
 WALL (6) INTERIOR ELEVATION - PART B
 3/16" = 1'-0"



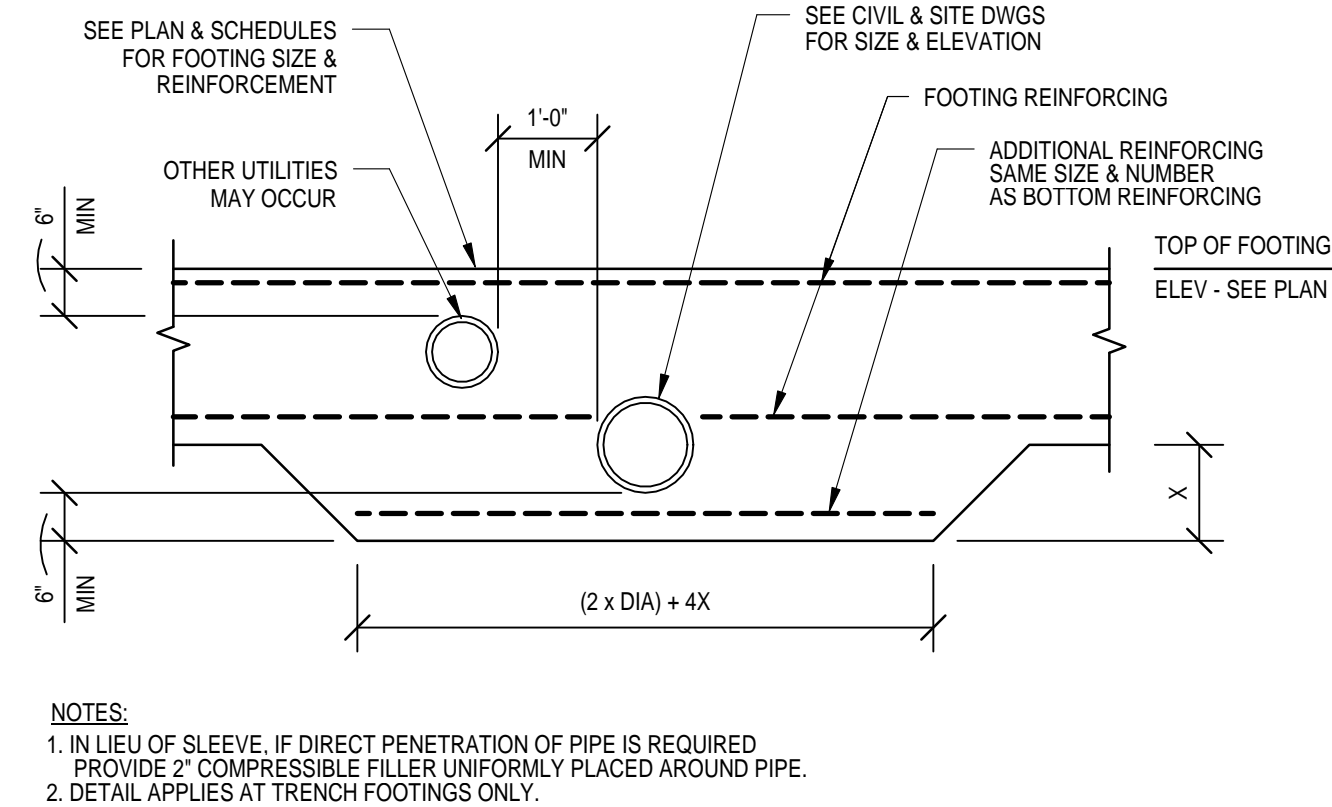
WALL (7) EXTERIOR ELEVATION
 A
 S2.7
 3/16" = 1'-0"



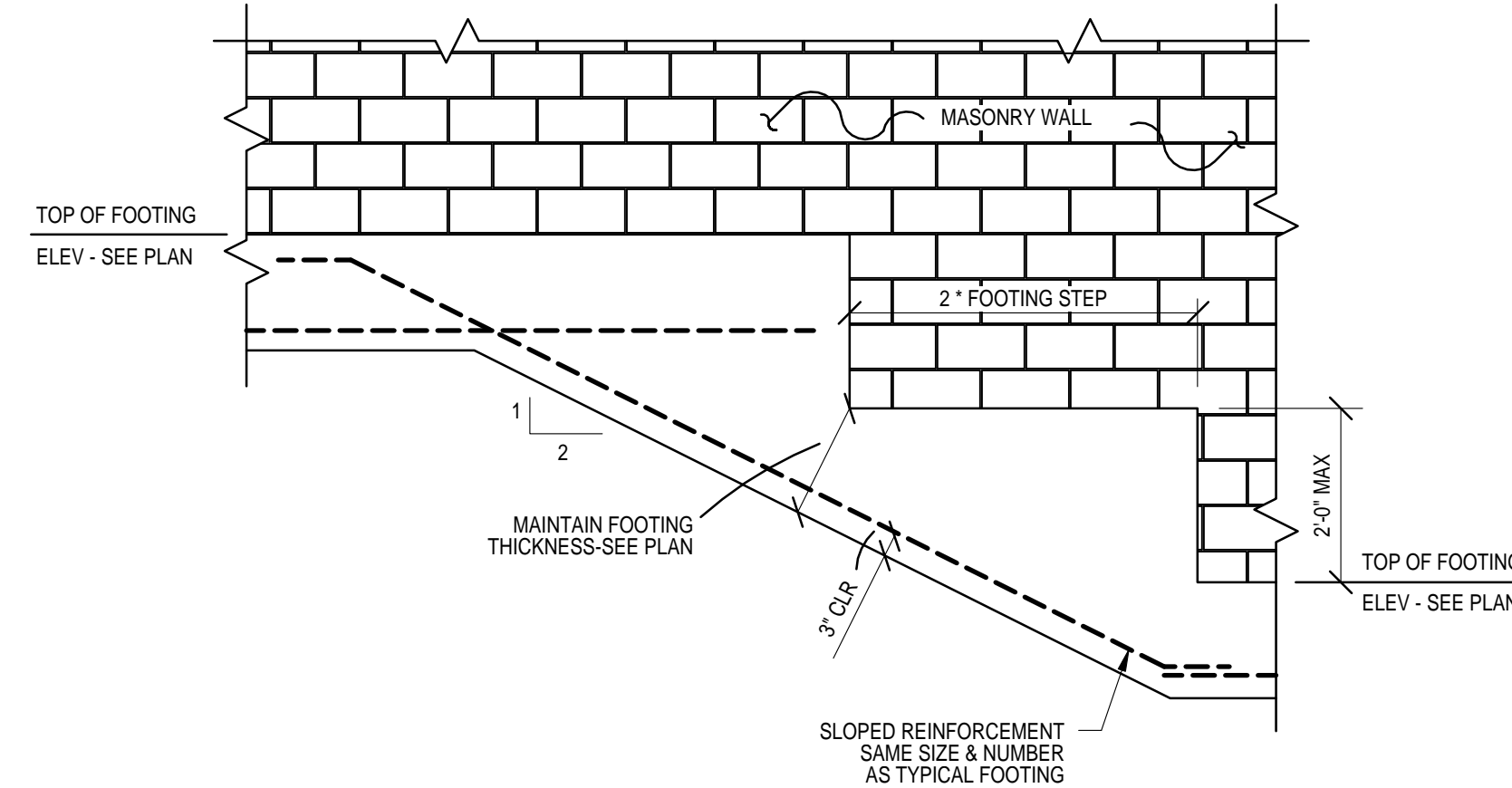
WALL (7) INTERIOR ELEVATION
 B
 S2.7
 3/16" = 1'-0"



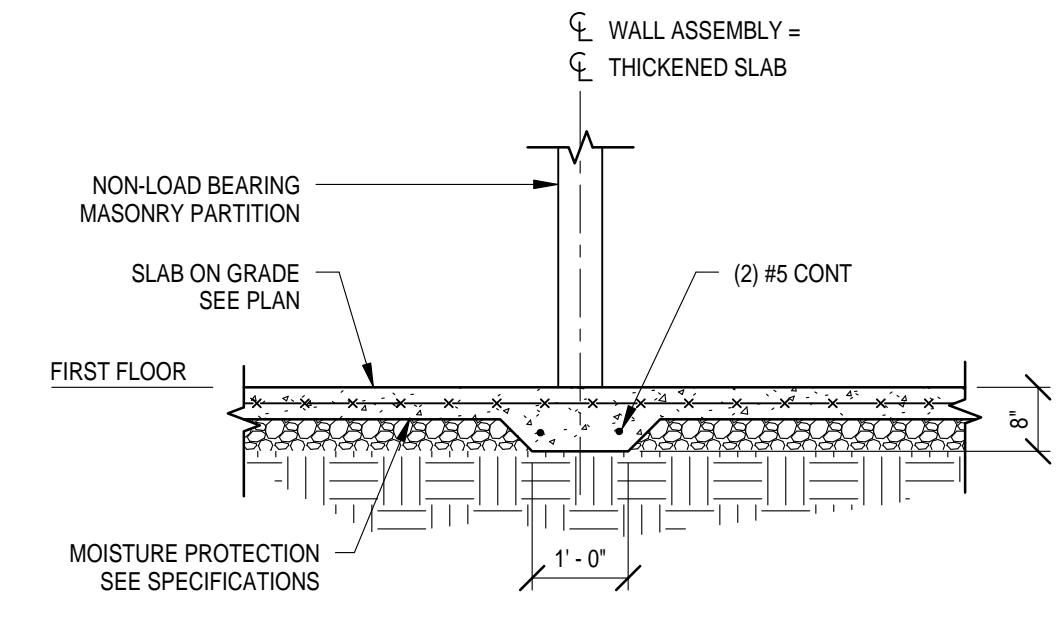
A
S3.1
TYPICAL UTILITY LINE BELOW FOOTING DETAIL
NOT TO SCALE



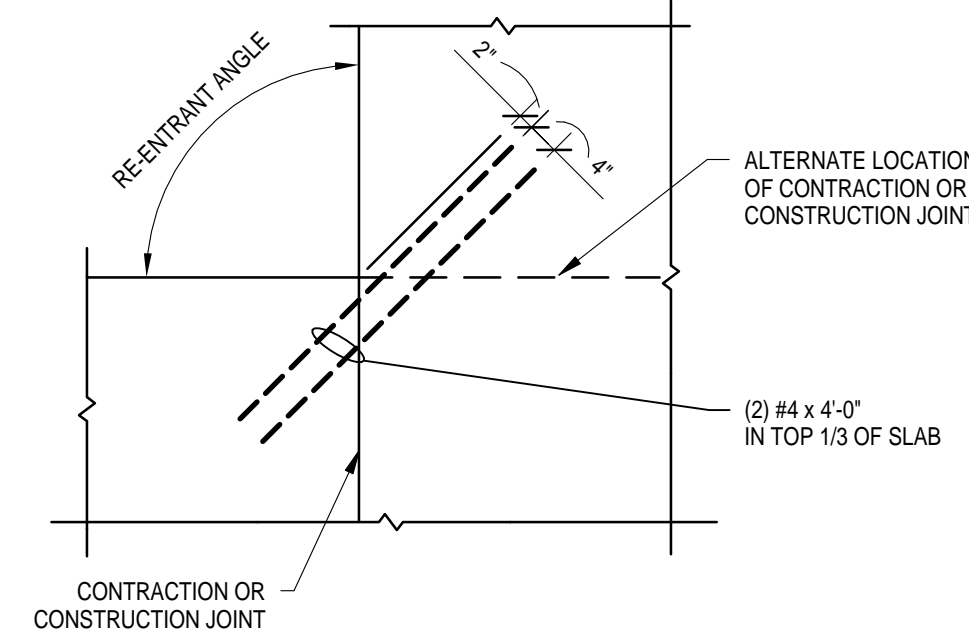
B
S3.1
TYPICAL FOOTING PENETRATION / SLEEVE DETAIL
NOT TO SCALE



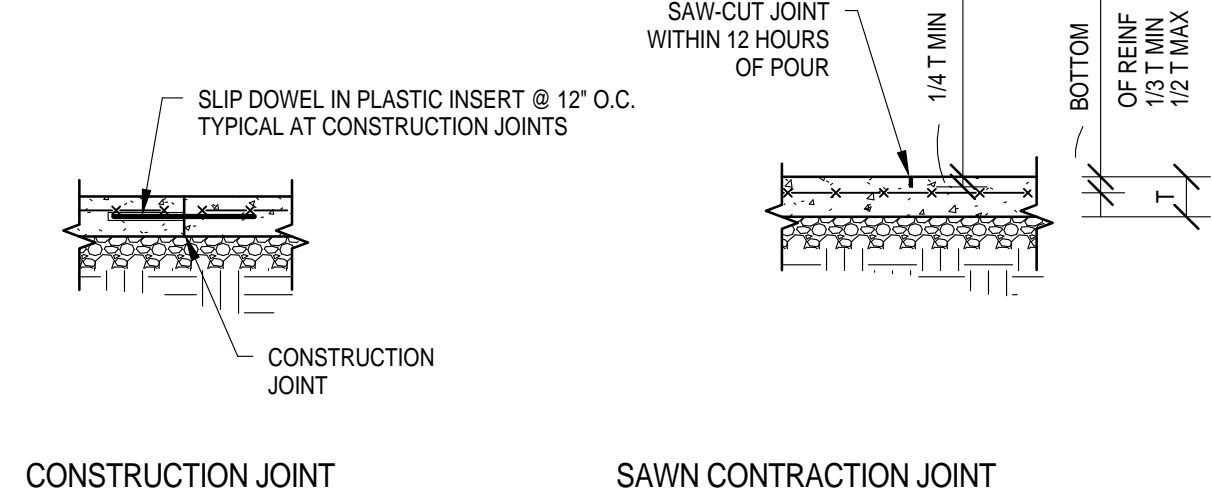
C
S3.1
TYPICAL STEP FOOTING DETAIL
NOT TO SCALE



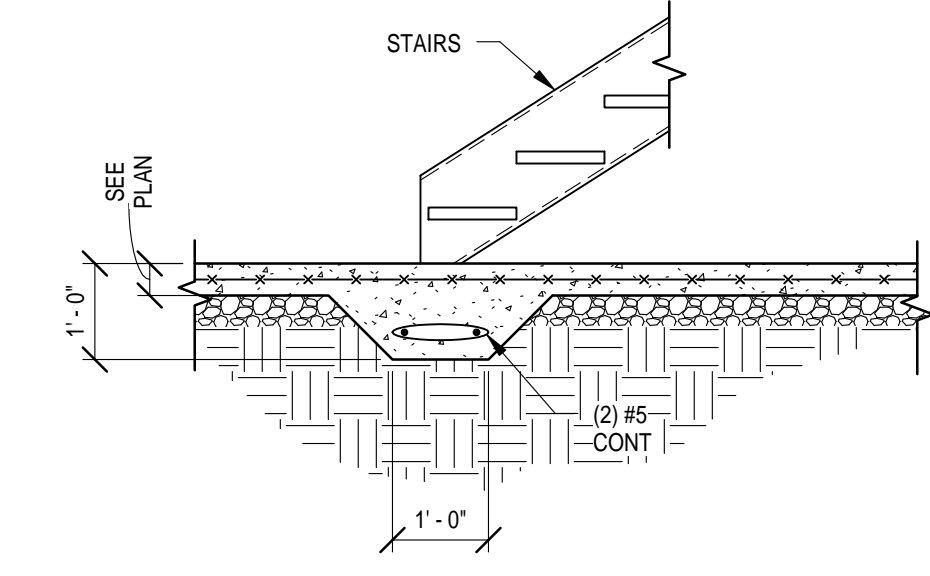
D
S3.1
TYPICAL THICKENED SLAB BELOW MASONRY PARTITIONS DETAIL
NOT TO SCALE
SEE PLANS FOR LOCATIONS



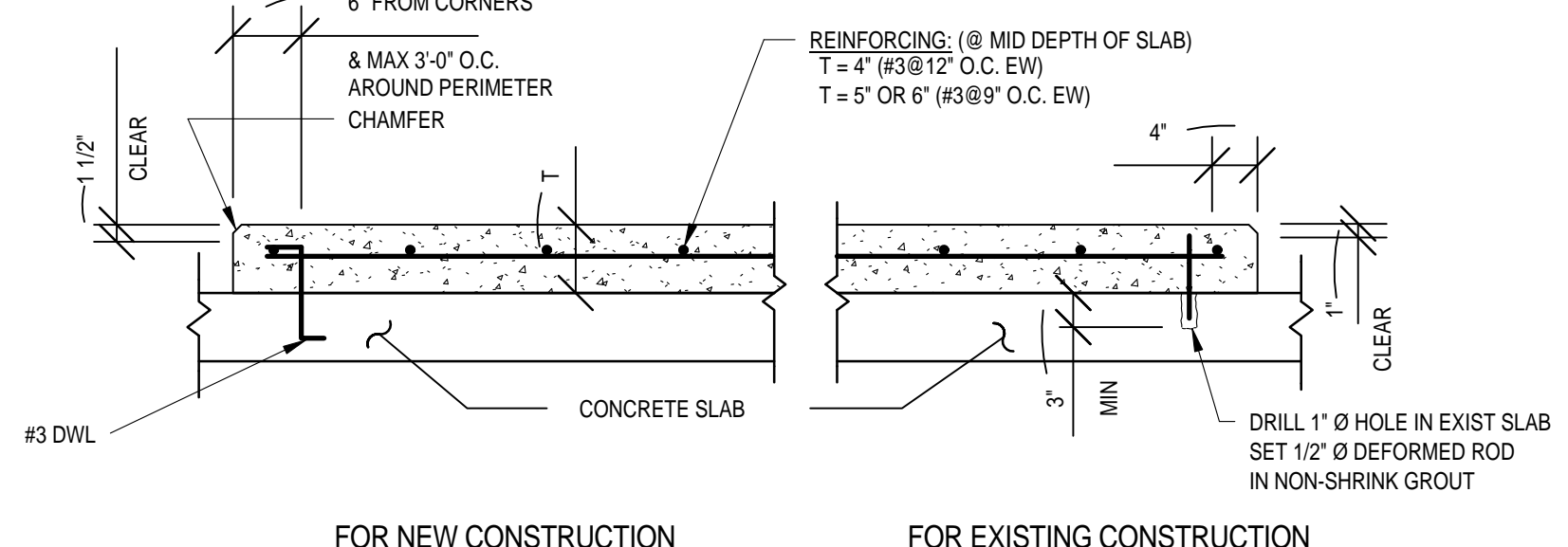
E
S3.1
TYPICAL SLAB ON GRADE JOINT AT RE-ENTRANT CORNER
NOT TO SCALE



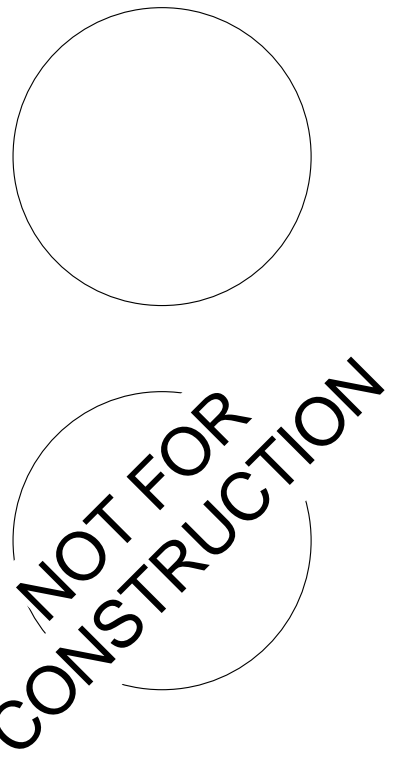
F
S3.1
SLAB ON GROUND JOINT DETAIL
NOT TO SCALE



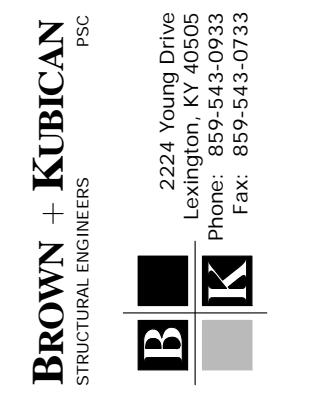
G
S3.1
TYPICAL THICKENED SLAB BELOW STEEL STAIRS DETAIL
NOT TO SCALE



H
S3.1
MECHANICAL HOUSEKEEPING PAD DETAIL
NOT TO SCALE

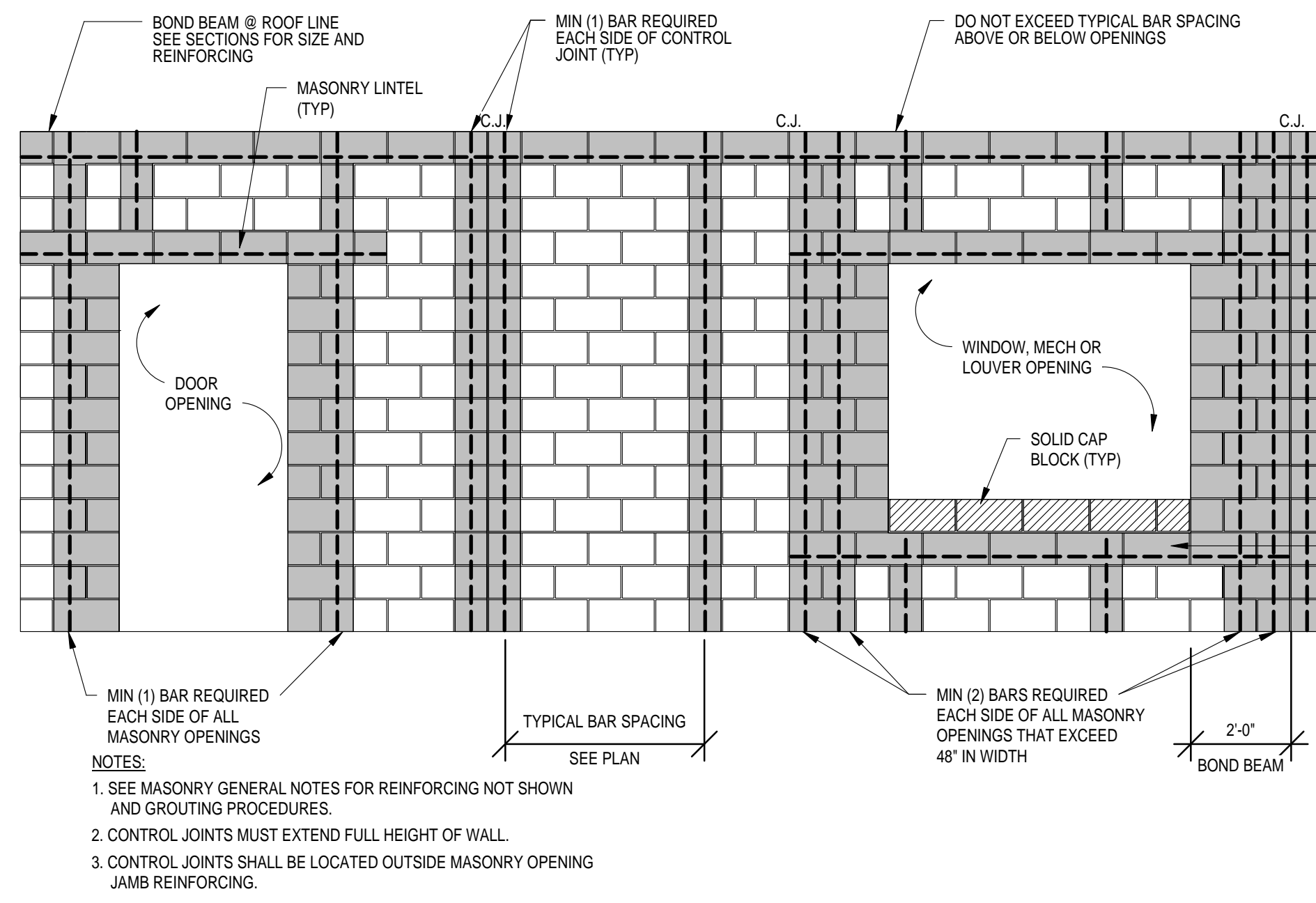


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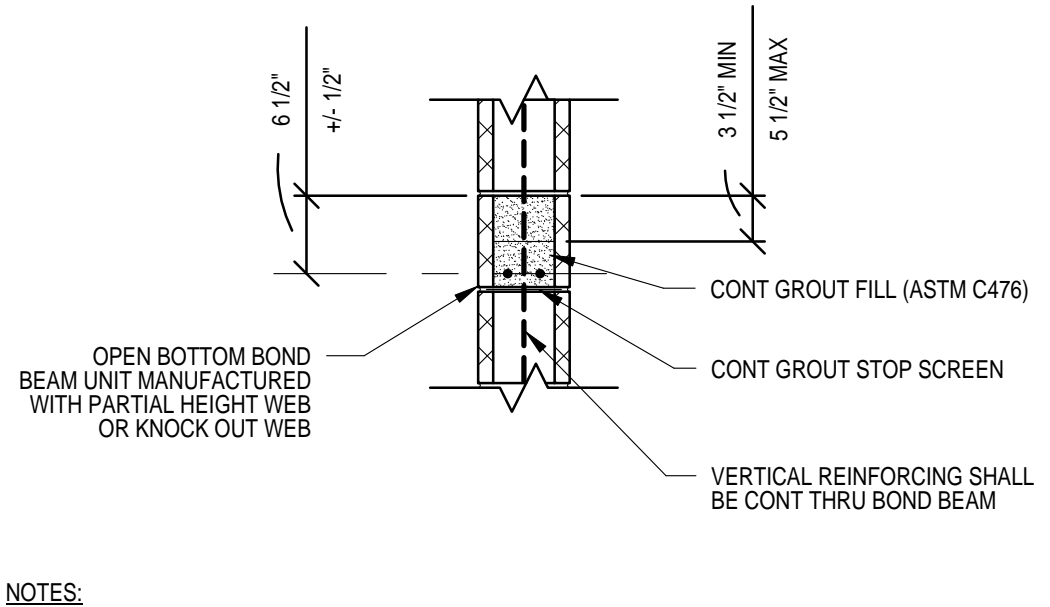


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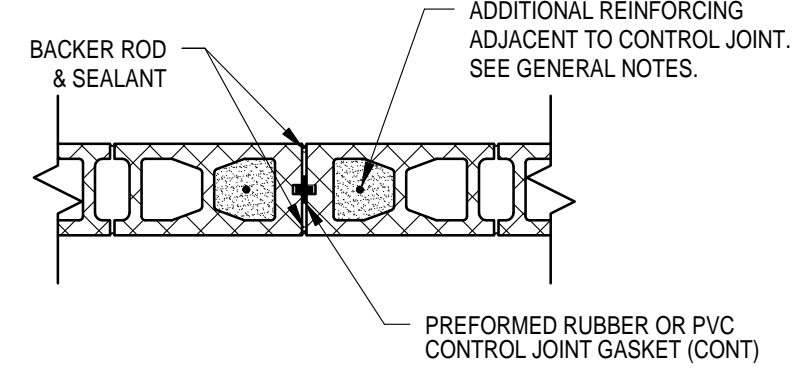




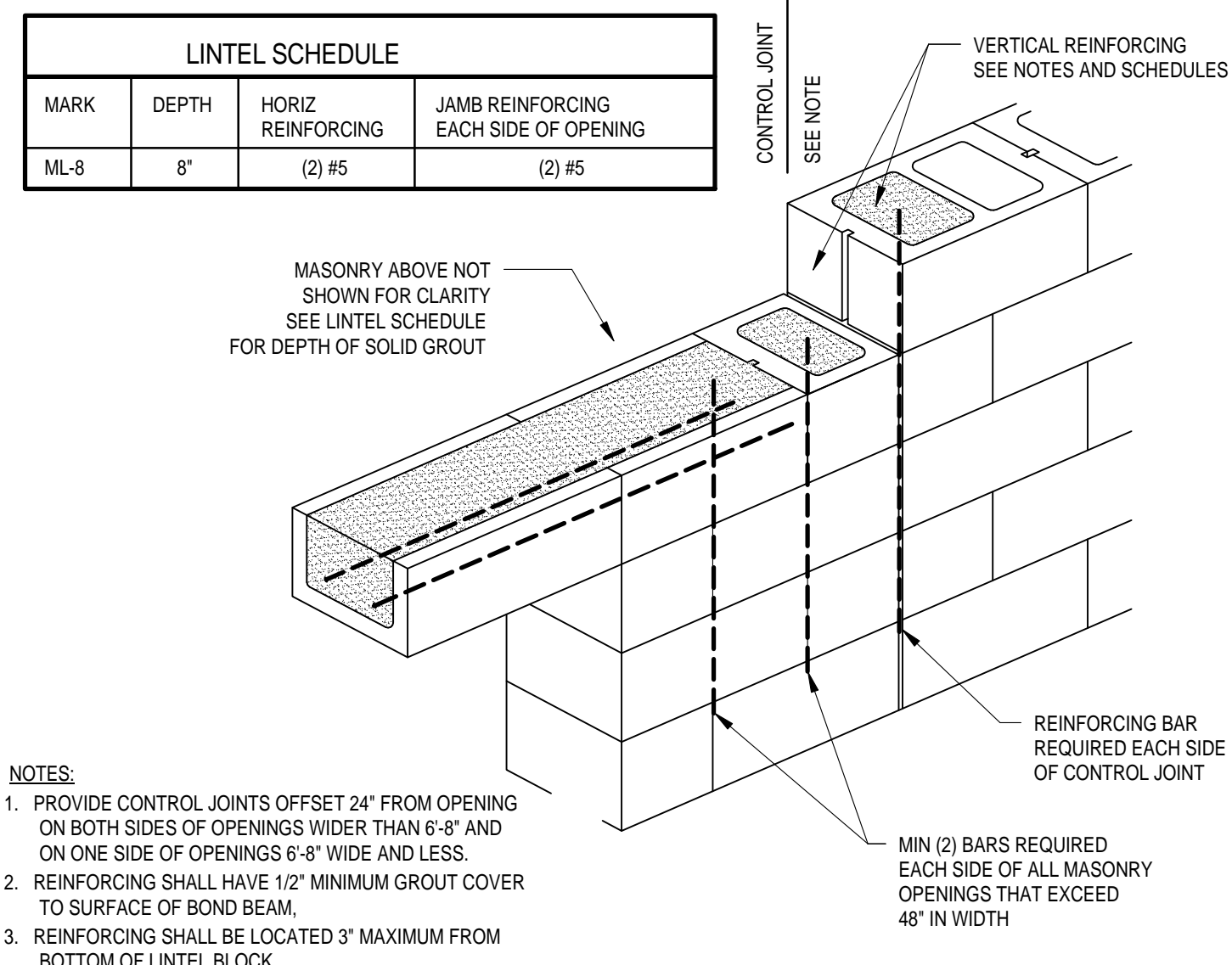
A
S4.1
TYPICAL MASONRY WALL REINFORCING DETAIL
NOT TO SCALE
(WALL WITH MASONRY LINTELS)



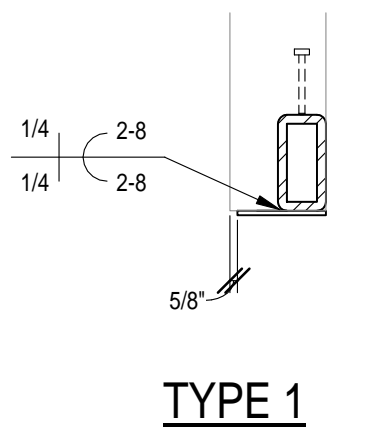
B
S4.1
TYPICAL C.M.U. BOND BEAM DETAIL
NOT TO SCALE



C
S4.1
TYPICAL C.M.U. CONTROL JOINT DETAIL (C.J.)
NOT TO SCALE



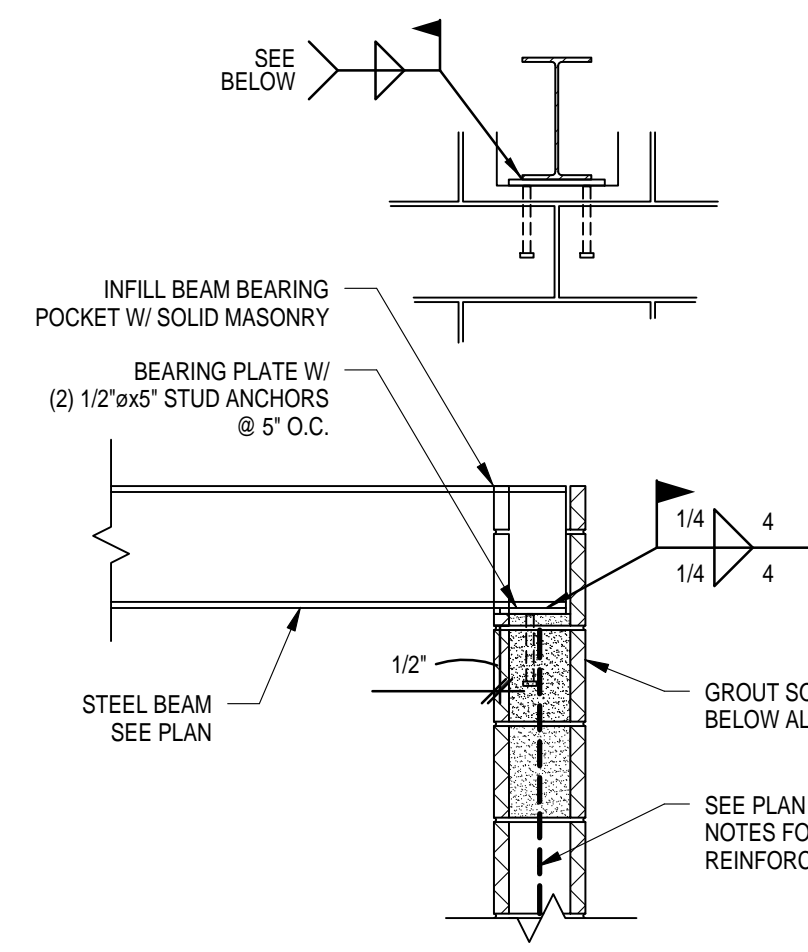
D
S4.1
TYPICAL MASONRY LINTEL BEARING DETAIL
NOT TO SCALE



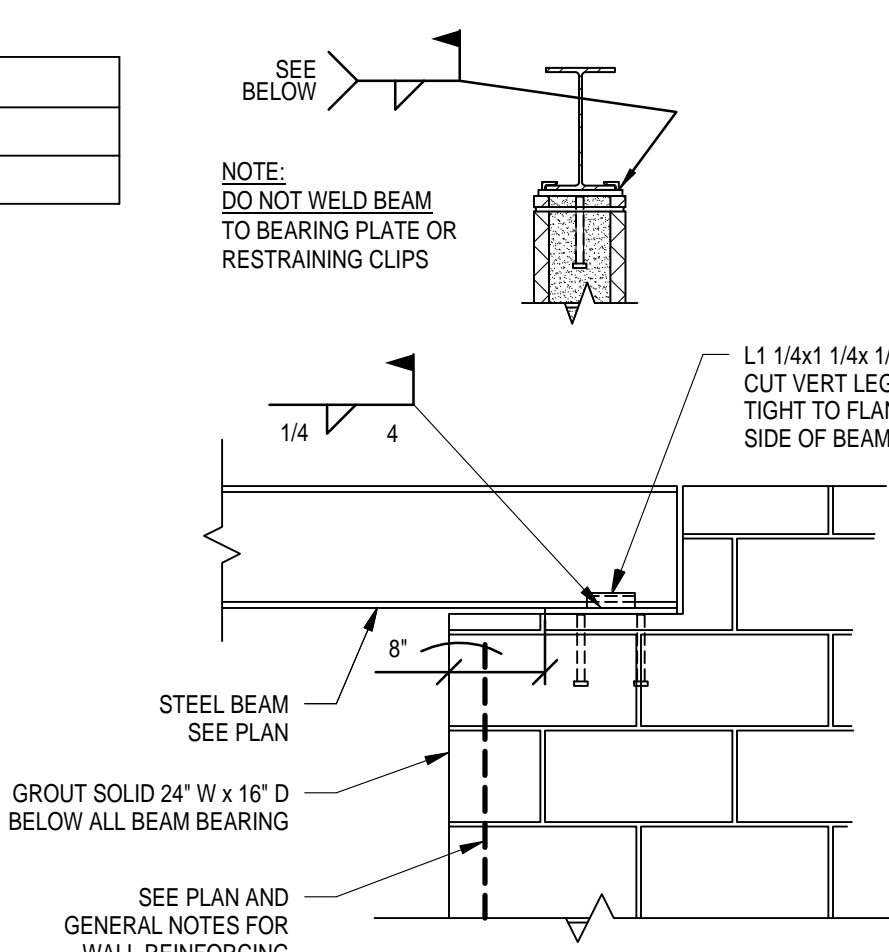
- NOTES:**
1. LINTELS SHALL BEAR DIRECTLY ON SOLID MASONRY, WITHOUT BEARING PL. U.N.O. BEAR LINTELS 8" MINIMUM ON PARALLEL WALLS AND 5" MINIMUM ON PERPENDICULAR WALLS, U.N.O.
 2. EXTEND PLATES FULL LENGTH OF LINTELS. COPE PLATE 3/4" EXTENSION OVER MASONRY (BEARING LENGTH) FOR MORTAR IN BED JOINT EXCEPT OVER BEARING ON WALL PERPENDICULAR TO LINTEL.
 3. PROVIDE 1/2"x4" STUD ANCHORS @ 48" O.C. TO TOP FLANGE OF ALL LINTELS. GROUT SOLID MASONRY CELLS @ STUD ANCHORS.
 4. GALVANIZE ALL LINTEL PLATES LOCATED IN EXTERIOR WALLS.
 5. SEE DETAIL F154.01 FOR ADDITIONAL INFORMATION.

LINTEL SCHEDULE				
MARK	TYPE	SIZE	JAMB REINFORCING EACH SIDE OF OPENING	REMARKS
L-1	1	HSS16x4x5/16 + GALV PL 3/8x7	(2) #5	EXTEND JAMB REINF TO TOP OF WALL
L-2	1	HSS16x4x3/8 + GALV PL 3/8x7	(2) #5	EXTEND JAMB REINF TO TOP OF WALL

E
S4.1
STEEL LINTEL SCHEDULE
NOT TO SCALE

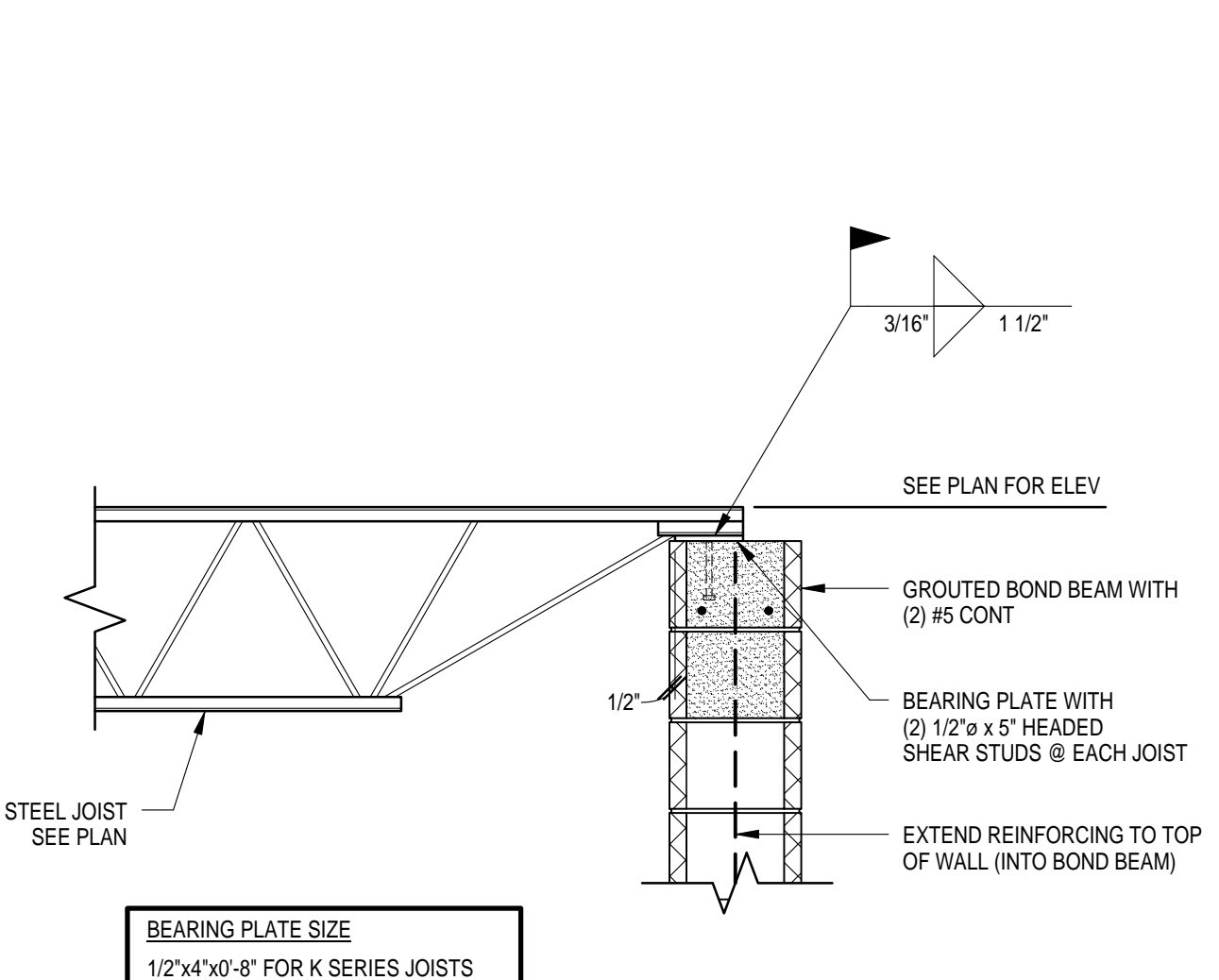


DETAIL AT BEAM PERPENDICULAR TO WALL

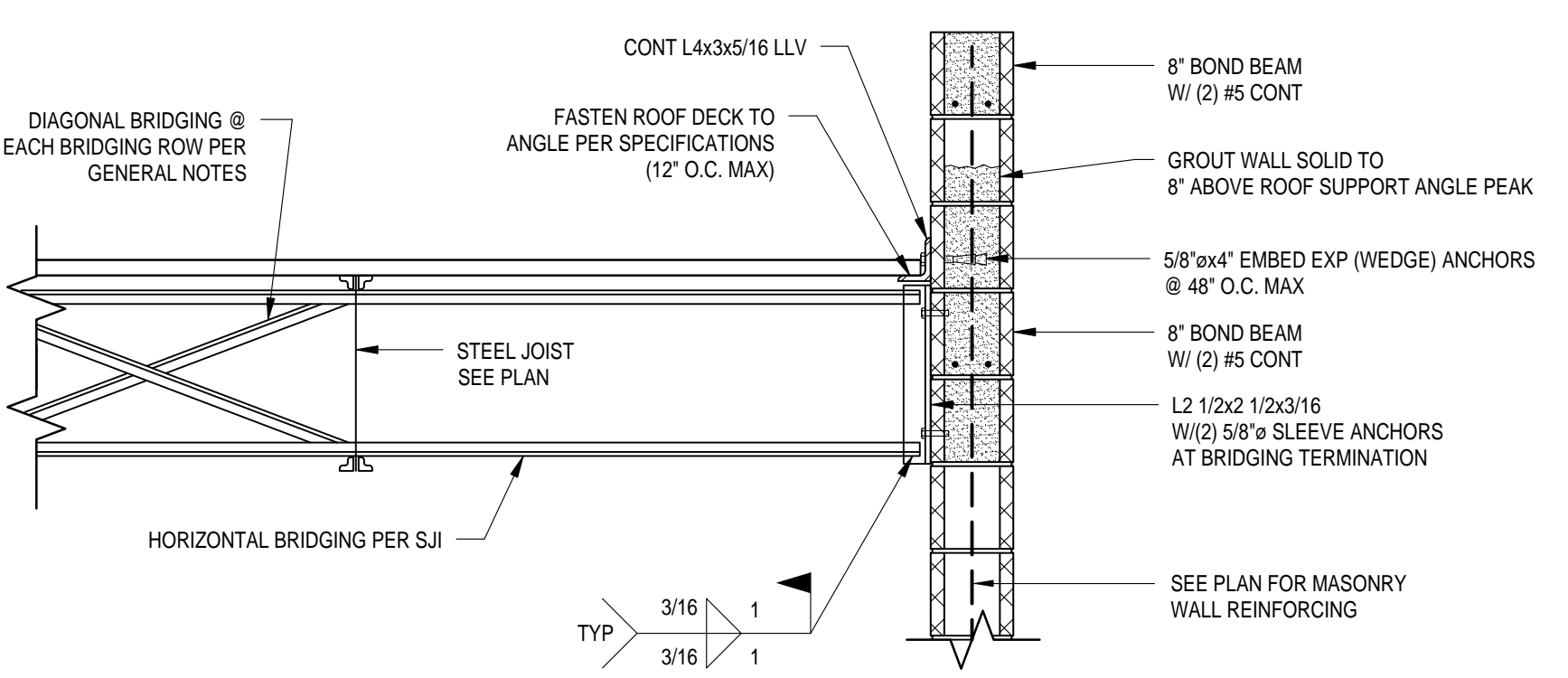


DETAIL AT BEAM PARALLEL TO WALL

F
S4.1
TYPICAL BEAM BEARING ON MASONRY DETAIL
NOT TO SCALE



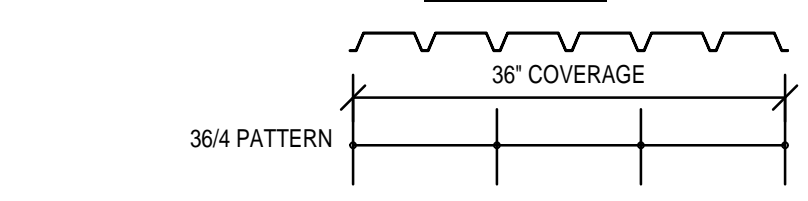
G
S4.1
TYPICAL ROOF JOIST BEARING DETAIL
NOT TO SCALE



H
S4.1
TYPICAL ROOF JOIST BRIDGING ANCHOR AND ROOF DECK SUPPORT DETAIL
NOT TO SCALE

FASTEN STEEL ROOF DECK AS INDICATED BELOW.

- A.** FASTEN DECK UNITS AT ENDS AND AT INTERMEDIATE SUPPORTS WITH FASTENERS AS NOTED IN SCHEDULE ACCORDING TO FOLLOWING PATTERNS.



DECK TYPE	PANEL ENDS AND INTERMEDIATE SUPPORTS	DECK SIDE LAPS
1.5VR20	#12 TEK SCREW @ 36/4 PATTERN	#10 TEK SCREW @ 36\"/>

- B.** FASTEN DECK SIDE LAPS, INCLUDING DECK TO CLOSURE PLATES, WITH #10 SELF DRILLING SCREWS AS NOTED IN SCHEDULE.
- C.** FASTEN DECK PERIMETER SIDE EDGES (PARALLEL TO DECK SPAN), INCLUDING CLOSURE PLATES, TO STEEL SUPPORTS WITH #12 TEK SCREWS SPACED AT 12" ON CENTER.

J
S4.1
STEEL ROOF DECK FASTENING SCHEDULE
3/4" = 1'-0"