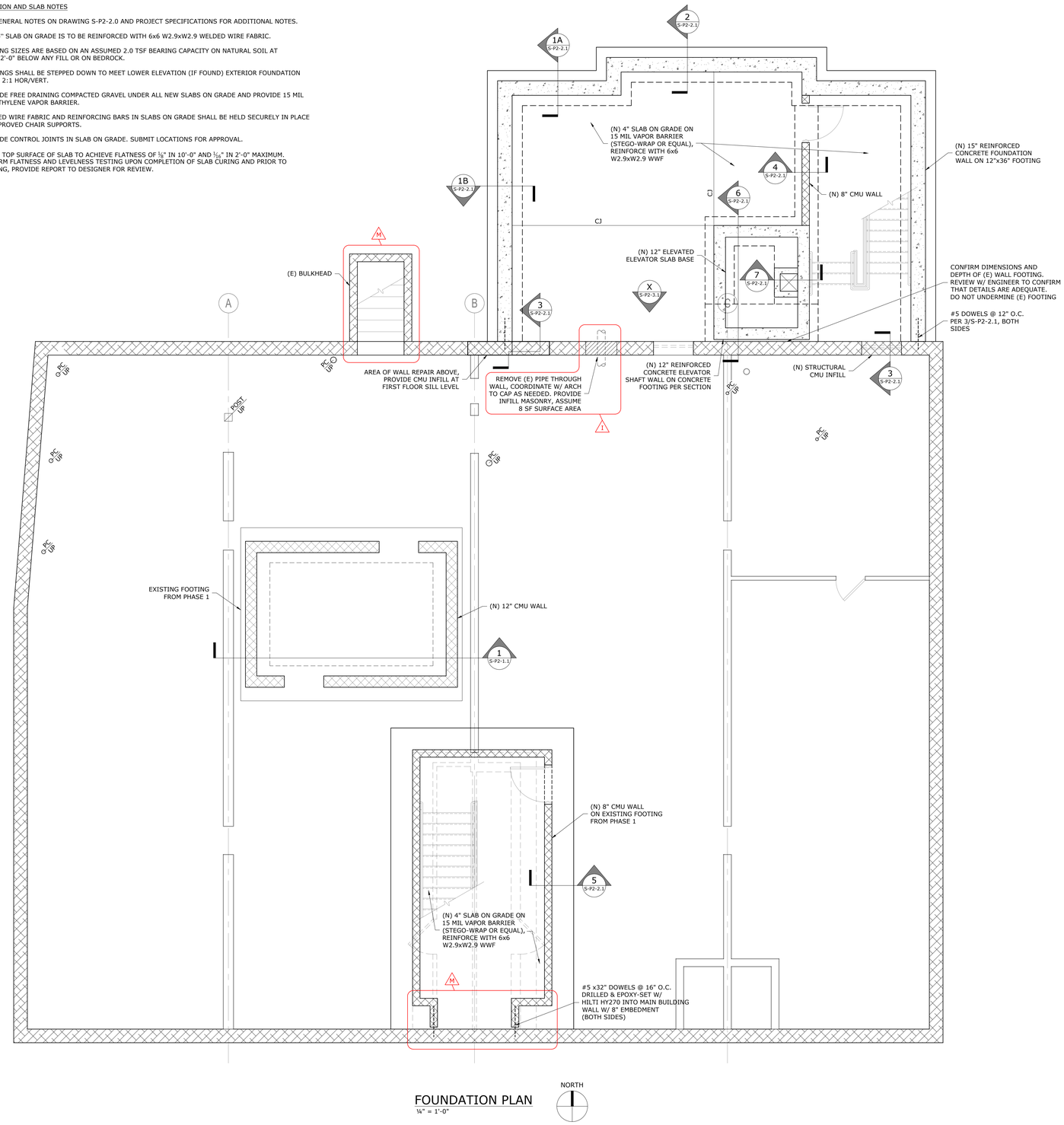
KEY

	STONE MASONRY
	CMU MASONRY
	CONCRETE
	BRICK MASONRY
(E) OR	EXISTING
(N) OR	NEW
LD	LEDGER, SEE SECTION

FOUNDATION AND SLAB NOTES

1. SEE GENERAL NOTES ON DRAWING S-P2-2.0 AND PROJECT SPECIFICATIONS FOR ADDITIONAL NOTES.
2. NEW 4" SLAB ON GRADE IS TO BE REINFORCED WITH 6x6 W2.9xW2.9 WELDED WIRE FABRIC.
3. FOOTING SIZES ARE BASED ON AN ASSUMED 2.0 TSF BEARING CAPACITY ON NATURAL SOIL AT LEAST 2'-0" BELOW ANY FILL OR ON BEDROCK.
4. FOOTINGS SHALL BE STEPPED DOWN TO MEET LOWER ELEVATION (IF FOUND) EXTERIOR FOUNDATION WALLS 2:1 HOR/VERT.
5. PROVIDE FREE DRAINING COMPACTED GRAVEL UNDER ALL NEW SLABS ON GRADE AND PROVIDE 15 MIL POLYETHYLENE VAPOR BARRIER.
6. WELDED WIRE FABRIC AND REINFORCING BARS IN SLABS ON GRADE SHALL BE HELD SECURELY IN PLACE ON APPROVED CHAIR SUPPORTS.
7. PROVIDE CONTROL JOINTS IN SLAB ON GRADE. SUBMIT LOCATIONS FOR APPROVAL.
8. FINISH TOP SURFACE OF SLAB TO ACHIEVE FLATNESS OF ⅛" IN 10'-0" AND 1/16" IN 2'-0" MAXIMUM. PERFORM FLATNESS AND LEVELNESS TESTING UPON COMPLETION OF SLAB CURING AND PRIOR TO FRAMING, PROVIDE REPORT TO DESIGNER FOR REVIEW.



FOUNDATION PLAN
¼" = 1'-0"

NORTH

BASEMENT

INDICATES A MODIFICATION ON THE DRAWING SHOWN IN ADDENDUM 3, NOTE THAT IT MAY INCLUDE EITHER A CLARIFICATION (C), SCOPE MODIFICATION (M) OR SCOPE INCREASE (I).

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CITIZEN'S BLOCK
28-34 PARK PLACE, VERNON CT
Owner: Town of Vernon - Administration

NOT FOR CONSTRUCTION

Drawn:
Issued: 03-17-21
Status:

Revisions

NO	DATE	DESCRIPTION
1	04/16/21	Addendum 3

S-P2-1.0
FOUNDATION PLAN

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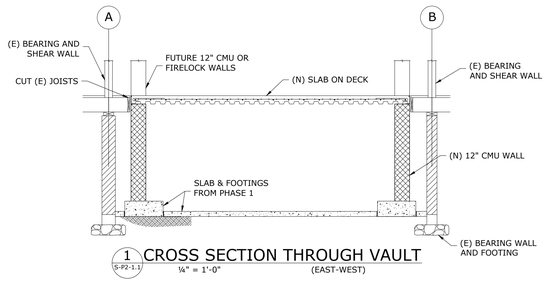
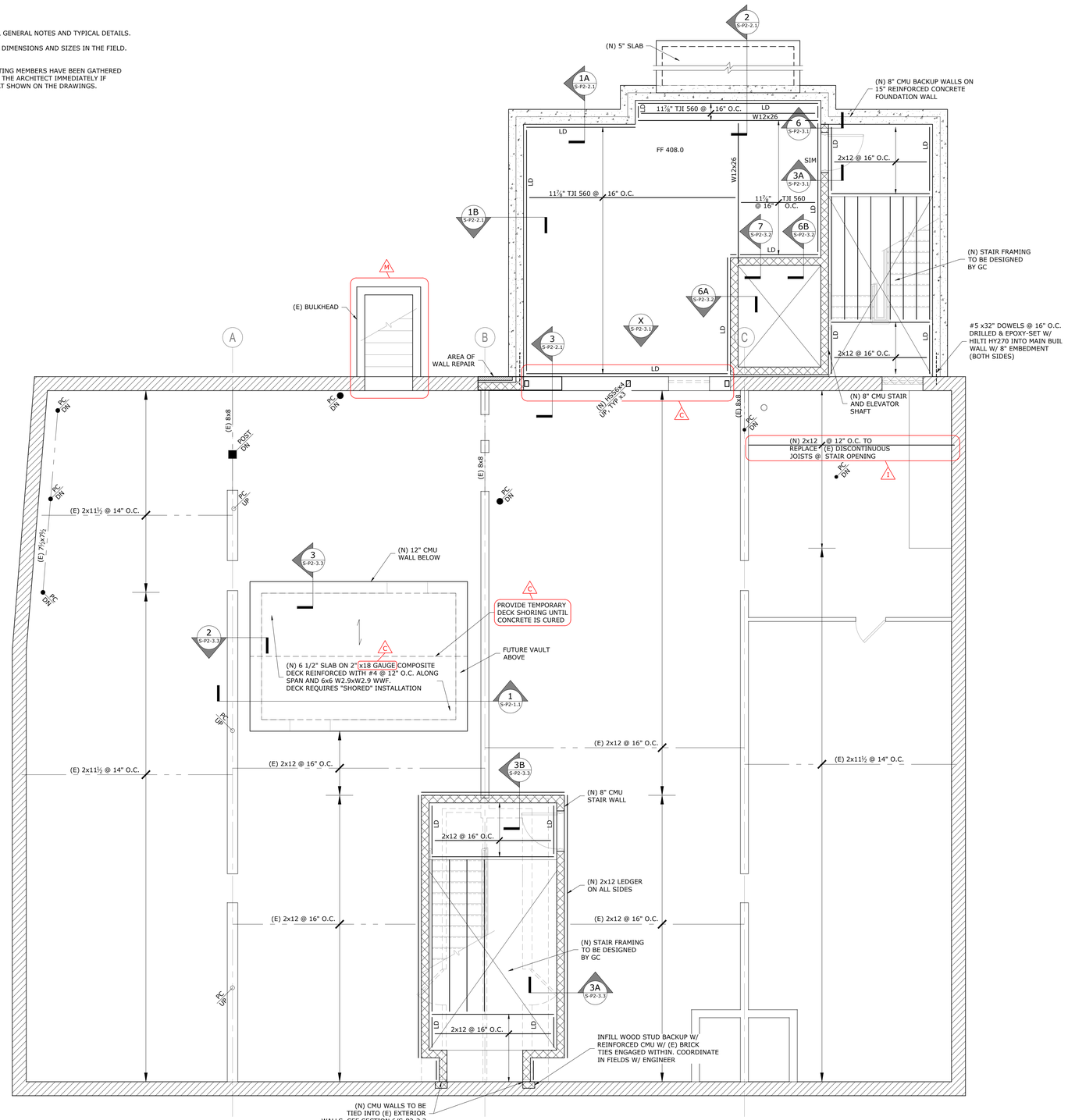
3. STRUCTURE SIZES NOTED AGAINST EXISTING MEMBERS HAVE BEEN GATHERED THROUGH FIELD MEASUREMENTS. NOTIFY THE ARCHITECT IMMEDIATELY IF EXISTING STRUCTURE DIFFERS FROM THAT SHOWN ON THE DRAWINGS.



1 S-P2-1.1 CROSS SECTION THROUGH VAULT (EAST-WEST)
¼" = 1'-0"



FIRST FLOOR FRAMING PLAN
¼" = 1'-0"

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FIRST FLOOR FRAMING PLAN

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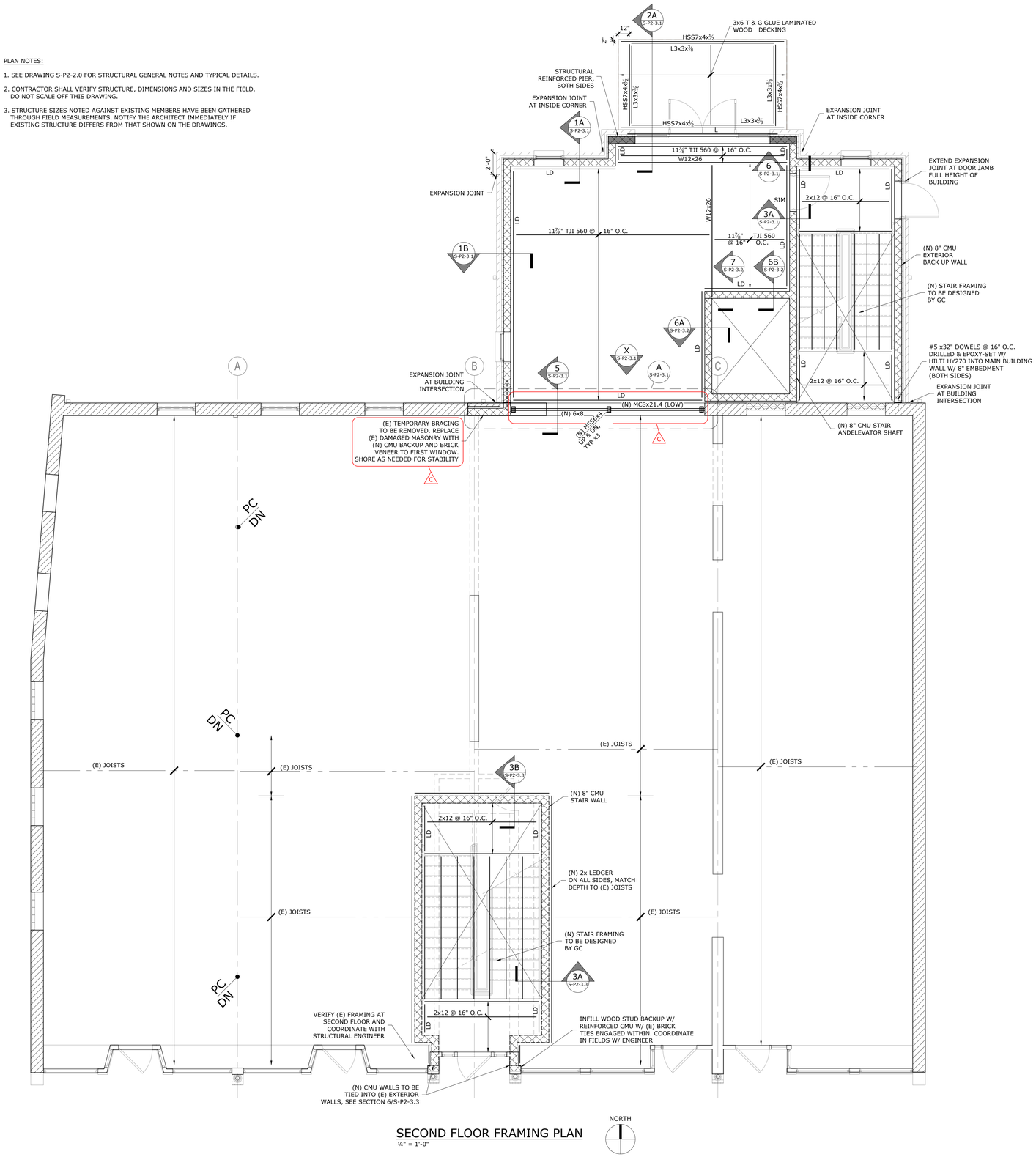

SECOND FLOOR FRAMING PLAN

¼" = 1'-0"

NORTH

FIRST

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SECOND FLOOR FRAMING PLAN

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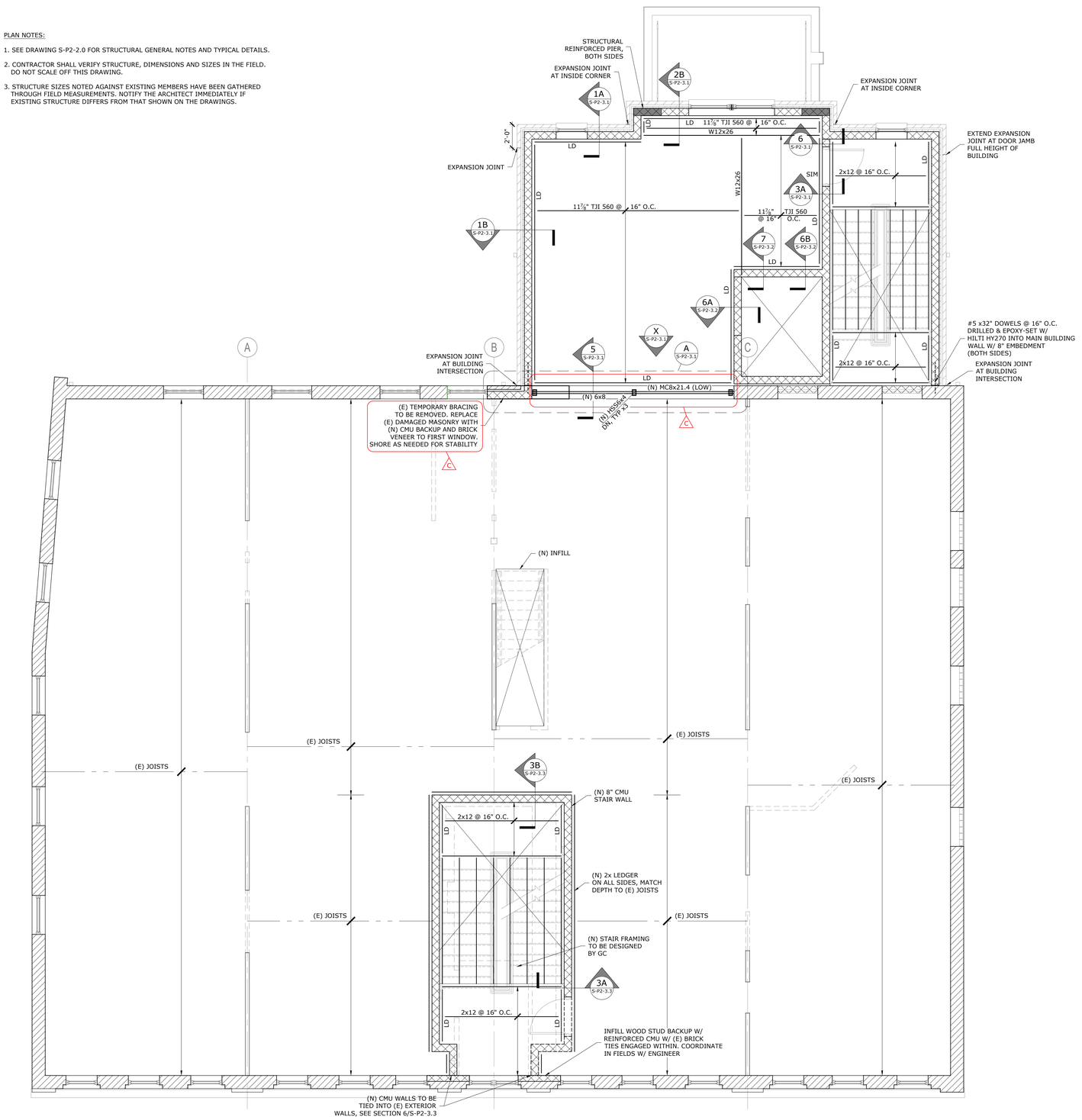

THIRD FLOOR FRAMING PLAN

¼" = 1'-0"

NORTH

SECOND

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THIRD FLOOR FRAMING PLAN

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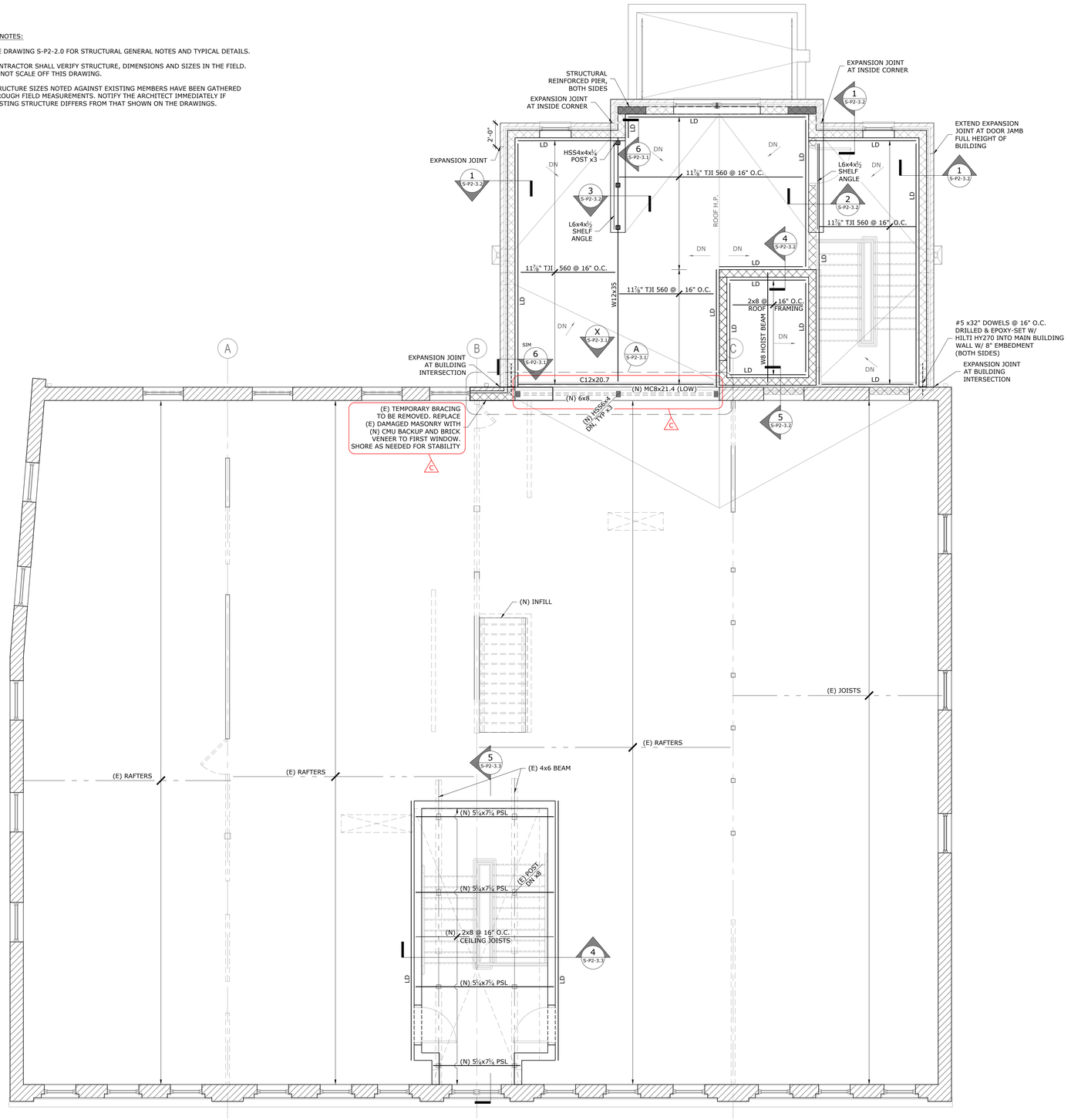

ROOF FRAMING PLAN

¼" = 1'-0"

NORTH

THIRD

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ROOF FRAMING PLAN

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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 TRUCTURAL 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 DIMESNIONS 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:
- NEW ADDITION FLOOR = 100 PSF UNLESS NOTED OTHERWISE

SNOW LOADS
- GROUND SNOW LOAD, PG = 30 PSF
- SNOW EXPOSURE FACTOR, CE = 1.0
- THERMAL COEFFICIENT, CT = 1.0
- IMPORTANCE FACTOR, I = 1.0
- SNOW DRIFTS LOADS: PER ASCE 7

WIND LOADS
- BASIC WIND SPEED = 105 MPH
- OCCUPANCY CATEGORY = II
- EXPOSURE CATEGORY = B
- IMPORTANCE FACTOR, I = 1.0

SEISMIC LOADS
- SEISMIC USE GROUP: I
- SEISMIC DESIGN CATEGORY = B
- IMPORTANCE FACTOR, I = 1.0
- SITE CLASSIFICATION = C
- SHORT PERIOD SPECTRAL ACCELERATION, SS = 0.177
- LONG PERIOD SPECTRAL ACCELERATION, S1 = 0.064

FOUNDATIONS

1. FOOTINGS SHALL BEAR ON UNDISTURBED MATERIAL OR ON COMPACTED STRUCTURAL BACKFILL. FOUNDATION SIZES ARE BASED ON 2.0 TSF BEARING CAPACITY.

2. ALL STRUCTURAL FILL WITHIN THE BUILDING LIMITS SHALL BE PLACED IN MAXIMUM 12 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
4 INCH	100
1 /2 INCH	50-85
NO. 4	90-75
NO. 40	10-35
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.

6. BACKFILLING SHALL BE DONE SIMULTANEOUSLY ON BOTH SIDES OF THE BUILDING IN ORDER TO MINIMIZE UNBALANCED EARTH PRESSURES.

7. CONTRACTOR SHALL CONTROL SURFACE AND SUBSURFACE WATER DURING CONSTRUCTION SO THAT FOUNDATION WORK WILL BE DONE IN DRY AND ON UNDISTURBED SOILS. MAINTAIN GROUNDWATER ELEVATION OUTSIDE SITE TO AVOID SETTLEMENT AND DAMAGE OF NEARBY BUILDINGS AND STRUCTURES.

8. EXTERIOR OR PERIMETER WALL FOOTINGS SHALL BE BACKFILLED WITH IMPERVIOUS FILL TO CREATE A GROUNDWATER SEAL.

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

2. ALL REINFORCING BARS SHALL BE HIGH STRENGTH DEFORMED BARS ASTM A 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 3O 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.

WOOD FRAMING

1. WOOD FRAME CONSTRUCTION SHALL CONFORM TO "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION".

2. CONVENTIONAL LUMBER MEMBERS NOTED AS "P/T" AND/OR IN DIRECT CONTACT WITH EXTERIOR MASONRY OR CONCRETE, OR EXPOSED TO THE EXTERIOR ELEMENTS SHALL BE PRESSURE PRESUERVATIVE TREATED WITH CCA. EXTERIOR MASONRY OR CONCRETE IS DEFINED AS THAT WHICH IS NOT HEATED OR PROTECTED FROM WEATHER ON ALL SIDES OR SURFACES.

3. "PSL" FRAMING AS NOTED SHALL BE "PARALLAM" PARALLEL STRAND LUMBER AS MANUFACTURED BY TRUS JOIST - MACMILLAN, OR EQUIVALENT.

4. "LVL" FRAMING AS NOTED SHALL BE "MICROLAM" LAMINATED VENEER LUMBER AS MANUFACTURED BY TRUS JOIST - MACMILLAN OR EQUIVALENT.

5. "LSL" FRAMING AS NOTED SHALL BE "TIMBERSTRAND" LAMINATED STRAND LUMBER AS MANUFACTURED BY TRUS JOIST - MACMILLAN OR EQUIVALENT.

6. "PSL" LUMBER FRAMING NOTED AS "P/T" AND/OR IN DIRECT CONTACT WITH EXTERIOR MASONRY OR CONCRETE, OR EXPOSED TO THE EXTERIOR ELEMENTS SHALL BE PRESSURE PRESUERVATIVE TREATED WITH CCA ("WOLMANIZED"). EXTERIOR MASONRY OR CONCRETE IS DEFINED AS THAT WHICH IS NOT HEATED OR PROTECTED FROM WEATHER ON ALL SIDES OR SURFACES.

7. FLOOR DECKING SHALL BE 3/4" TONGUE-AND-GROOVE CDX PLYWOOD GLUED AND NAILED TO SUPPORTING FRAMING.

8. PROVIDE 1/2" UNDERLAYMENT OVER ALL STRUCTURAL WOOD PLANK AND PLYWOOD DECK SURFACES.

9. ROOF SHEATHING SHALL BE 5/8 TONGUE-AND-GROOVE CDX PLYWOOD NAILED TO SUPPORTING FRAMING.

10. ALL SLEEPERS, SILLS, NAILERS, AND PLATES IN CONTACT WITH MASONRY OR CONCRETE SHALL BE PRESSURE PRESERVATIVE TREATED SYP NO. 2 OR BETTER.

11. PROVIDE STANDARD GALVANIZED METAL CONNECTORS FOR ALL FLUSH FRAMED BEAM AND JOIST APPLICATIONS. CAPACITIES SHALL BE SUITABLE FOR THE MEMBER AND SPAN AND SHALL BE NOTED ON THE SHOP DRAWINGS FOR ALL MANUFACTURED WOOD PRODUCTS AS WELL AS IN CUT SHEETS FOR GENERAL CONVENTIONAL FRAMING USE.

12. PROVIDE HURRICANE CLIPS AT ALL RAFTER AND ROOF JOIST ENDS, FASTENED TO SUPPORTING FRAMING WITH A CLEAR LOAD PATH TO THE GROUND.

13. LAMINATE MULTI-PLY LVL BEAMS WITH 3 ROWS OF 16 D NAILS AT 12" O.C. PER PLY, OR WITH TWO ROWS OF 1/2" DIA. THROUGH BOLTS AT 12" O.C. AS PER MANUFACTURER'S REQUIREMENTS. PROVIDE 4 ADDITIONAL BOLTS EACH SIDE OF SIDE SUPPORTED BEAM CONNECTIONS.

14. NAIL ALL OTHER FRAMING AND PLYWOOD SHEATHING AND DECKING IN ACCORDANCE WITH THE INTERNATIONAL RESIDENTIAL CODE (IRC) AND INDUSTRY STANDARDS.

15. PROVIDE PSL RIM BOARDS, SQUASH BLOCKS AND CRIPPLES IN FLOOR FRAMING ABOVE AND BELOW WALLS TO PROVIDE CONTINUOUS, UNREDUCED BEARING AREAS OF STUDS AND POSTS THROUGH FLOOR SYSTEMS.

16. PROVIDE AT LEAST THE EQUIVALENT NUMBER OF STANDARD SPACED STUDS DISPLACED FROM OPENING WIDTHS AS JACK STUDS ON SIDES OF OPENINGS. PROVIDE 10" MIN. HEADERS OF LSL IN NON-BEARING WALLS AND HEADERS OF LVL IN BEARING WALLS OF DEPTH EQUIVALENT TO THAT OF FLOOR JOISTS.

17. PROVIDE SOLID, 5 1/2" MINIMUM DEEP BEARING FOR ALL BEAMS AND HEADERS, INTERRUPTING RIM BOARDS WHERE NECESSARY. PROVIDE POSTS AND JACKS DIRECTLY BELOW ALL BEAM AND HEADER BEARINGS OF TOTAL WIDTH NOT LESS THAN THAT OF BEAM OF HEADER BEARING.

18. PROVIDE ALL FRAMING IN ACCORDANCE WITH PROPER AND STANDARD PRACTICE, AND ALL GOVERNING CODES. CONTRACTOR SHALL BE PREPARED TO CORRECT ANY UNSUITABLE CONDITIONS PER THE DIRECTION OF THE ARCHITECT.

19. JOIST CONSTRUCTION SPANNING OVER 8' MUST HAVE SOLID 2X BRIDGING AT NO MORE THAN 8' O.C.

20. USE DOUBLE JOISTS UNDER ALL PARALLEL PARTITIONS.

21. PARTITIONS AND OUTSIDE STUD WALLS SHALL BE BRIDGED ONCE IN THEIR STORY HEIGHT OR AT LEAST EVERY 6'-0".

22. PLYWOOD SHALL BE LAID WITH FACE GRAIN PARALLEL TO SPAN; STAGGER ALL JOINTS.

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 IS 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 360 OR APPROPRIATE FOR THE MATERIAL.

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

MASONRY

1. CONCRETE MASONRY UNITS SHALL BE TYPE N-1 CONFORMING TO ASTM C90-5. MORTAR SHALL BE TYPE M OR S, CONFORMING TO ASTM C270-82. MINIMUM COMPRESSIVE STRENGTH, F'M, SHALL BE 1500 PSI.

2. FILL CELLS CONTAINING VERTICAL REINFORCING WITH GROUT. USE CENTERING DEVICES TO KEEP REINFORCING PROPERLY POSITIONED IN CELL.

3. ALL CONCRETE MASONRY SHALL HAVE 9 GAGE WIRE REINFORCEMENT IN HORIZONTAL BED JOINTS AT 16" O.C. VERTICAL SPACING. REINFORCING MAY BE TRUSS OR LADUR. PROVIDE L AND T REINFORCING UNITS AT CORNERS AND INTERSECTIONS AND LAP SPLICE REINFORCING AT DISCONTINUITIES.

STEEL

1. ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE SPECIFICATIONS FOR DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL USING THE MANUAL OF STRUCTURAL STEEL CONSTRUCTION, 13TH EDITION, BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION.

2. SHOP CONNECTIONS MAY BE WELDED OR BOLTED UNLESS THE CONNECTION METHOD IS SPECIFICALLY NOTED ON THE DRAWINGS. MAKE BOLTED CONNECTIONS WITH 3/4" DIAMETER ASTM BOLTS.

3. UNLESS OTHERWISE SHOWN, PROVIDE ⅛" THICK STIFFENER PLATES ON EACH SIDE OF BEAMS WHEN A COLUMN OCCURS ABOVE OR BELOW BEAMS.

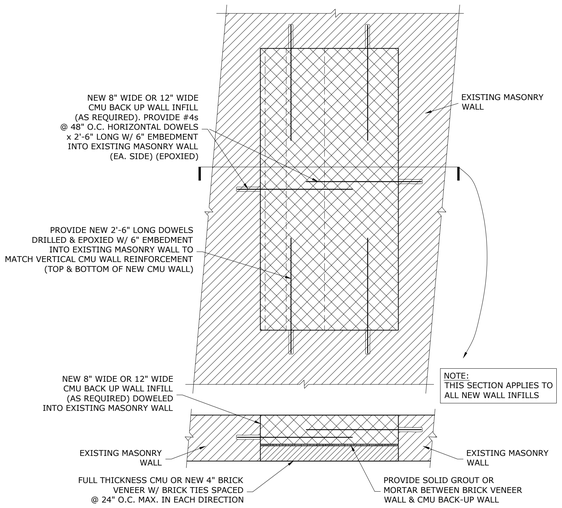
4. FURNISH ANGLE LINTELS OVER ALL OPENINGS IN MASONRY WALLS AND PARTITIONS, INCLUDING OPENINGS AT DOORS, WINDOWS, RECESSES, DUCTS, VENTS, ETC. PROVIDE ONE ANGLE FOR EACH 4" OF MASONRY.

SPAN	LINTEL	BEARING
UP TO 4'-6"	L 3 1/2 X 3 1/2 X 5/16	6"
4'-6" TO 5'-6"	L 4 X 3 1/2 X 5/16	6"
5'-6" TO 6'-6"	L 5 X 3 1/2 X 5/16	6"
6'-6" TO 7'-6"	L 6 X 3 1/2 X 5/16	8"

5. SPECIAL LINTELS ARE DETAILED ON THE DRAWINGS. LINTELS AT OPENINGS IN EXTERIOR WALLS SHALL BE HOT-DIP GALVANIZED.

6. PUNCH OR DRILL STEEL FOR 1/2" BOLTS FOR ALL BLOCKING AND ACCESSORIES AS INDICATED ON THE DRAWINGS AND SPECIFICATIONS. SEE ARCHITECTURAL DRAWINGS AND SPECS. WHERE NOT SPECIFICALLY INDICATED, STEEL SHALL BE PUNCHED 2'-6" O.C. STAGGERED.

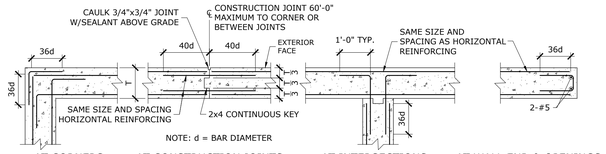
7. PROVIDE ANCHORS @ 16" O.C. FOR MASONRY ON ALL STEEL BEAMS AND COLUMNS WHICH ABUT MASONRY WALLS. ANCHORS TO BE WELDED TO MEMBERS BEFORE PAINTING OR GALVANIZING. COORDINATE WITH MASONRY WORK.



TYPICAL NEW CMU WALL INFILL DETAIL AT EXISTING MASONRY OPENINGS

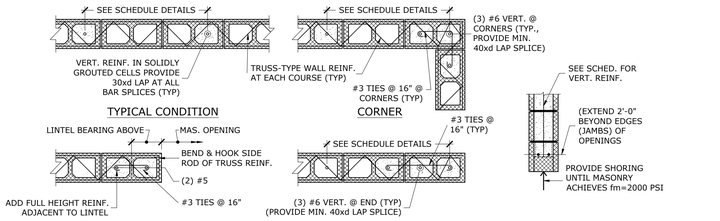
¾" = 1'-0"

REFER TO ARCH DWGS FOR NEW WALL INFILL LOCATIONS



TYPICAL FOUNDATION WALL DETAILS

N.T.S.



TYPICAL CMU MASONRY DETAILS

N.T.S.

MINIMUM CONCRETE MASONRY WALL REINFORCING SCHEDULE				
WALL LOCATION	WALL THICKNESS (NOMINAL)	VERT REINFORCEMENT		HORIZ/TRUSS-TYPE REINFORCEMENT
ALL EXTERIOR WALLS, STAIR SHAFTS AND ELEVATOR SHAFTS. ALL LOAD BR'G WALLS (UNLESS OTHERWISE NOTED)	8"	#5 @ 24"	U.O.N.	2-#5 @ FLOOR & MID-FLOOR LEVELS IN BOND BEAMS, 9 GA LADDER TYPE @ 16" O.C.
	10"	#5 @ 16"	U.O.N.	2-#5 @ FLOOR & MID-FLOOR LEVELS IN BOND BEAMS, 9 GA LADDER TYPE @ 16" O.C.
	12"	#6 @ 24"	U.O.N.	2-#5 @ FLOOR & MID-FLOOR LEVELS IN BOND BEAMS, 9 GA LADDER TYPE @ 16" O.C.
ALL OTHER INT. CMU WALLS	ALL SIZES	#5 @ 48"		9 GA LADDER TYPE @ 16" O.C.
NOTE: REFER TO PLANS & SECTIONS FOR ANY REINFORCING REQUIREMENTS MORE STRINGENT THAN IN THIS SCHEDULE				

REINFORCED MASONRY LINTEL SCHEDULE	
MASONRY OPENING WIDTH (L)	LINTEL SIZE (4", 6", 8", 10" & 12" NOMINAL WIDTHS)
0<L≤6'-0"	8" HIGH "U" BLOCK W/ 2-#5
6'-0"<L≤12'-0"	16" HIGH "U" BLOCK W/ 2-#5
12'-0"<L≤13'-6"	16" HIGH "U" BLOCK W/ 2-#6

NOTES:

1. PROVIDE BLOCK LINTELS INTEGRAL WITH WALL CONSTRUCTION FOR ALL OPENINGS IN NEW MASONRY.
2. LINTELS ABOVE ARE FOR CONDITIONS WITHOUT CONCENTRATED LOADS WITHIN A TRIANGULAR AREA ABOVE THE LINTEL (BASE = L. HEIGHT = L2).
3. CONTINUE BARS 2'-0" BEYOND EACH SIDE OF THE OPENING.
4. PROVIDE 2-#5 VERTICAL BARS IN GROUTED CELLS ON EACH SIDE OF THE OPENING AND CONTINUE 2'-0" ABOVE THE LINTEL.
5. PROVIDE SHORING UNDER LINTELS UNTIL MASONRY ASSEMBLY REASONS lm' = 1500 PSI.
6. HORIZONTAL BARS TO BE NO MORE THAN 3½" ABOVE BOTTOM OF THE LINTEL.

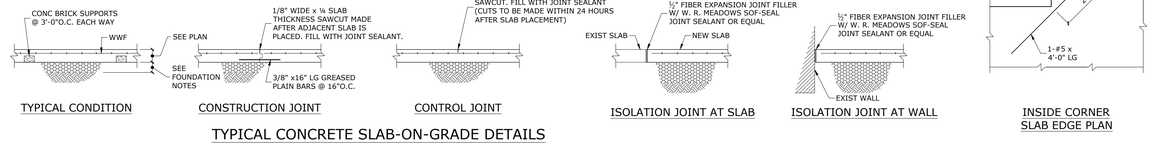
MINIMUM SPLICE & DEVELOPMENT LENGTH (UNLESS OTHERWISE SHOWN ON DRAWINGS) (fy = 60 ksi, f'c = 4000 psi)										
		#3	#4	#5	#6	#7	#8	#9	#10	#11
SPLICE LENGTH	TOP BARS	18"	24"	30"	36"	42"	51"	64"	82"	100"
	OTHER BARS	14"	18"	24"	28"	32"	39"	49"	63"	77"
DEVELOPMENT LENGTH	TOP BARS	14"	18"	24"	28"	32"	39"	49"	63"	77"
	OTHER BARS	12"	14"	18"	21"	25"	30"	38"	48"	59"

AVOID SPLICES IN REGIONS OF MAX. MOMENT. IF THIS IS NOT POSSIBLE STAGGER SPLICES SO THAT NOT MORE THAN 50% ARE WITHIN A REQUIRED LAP LENGTH; OTHERWISE INCREASE SPLICE LENGTHS BY 30%.

TYPICAL MINIMUM REINFORCEMENT DEVELOPMENT, SPLICE LENGTHS AND NOTES (CONCRETE f'c=4000-PSI)

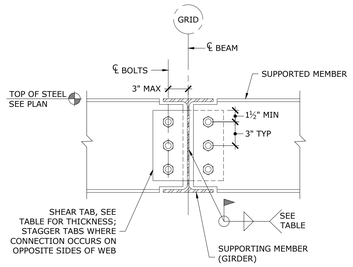
LOOSE LINTEL SCHEDULE	
MASONRY OPENING	LINTEL SIZE
UP TO 3'-0"	L3½x 3½x 5/16
3'-1" TO 4'-6"	L4x 3½x 5/16 (4" LEG VERT.)
4'-7" TO 6'-0"	L5x 3½x 5/16 (5" LEG VERT.)
6'-1" TO 8'-0"	L6x 3½x 5/16 (6" LEG VERT.)

NOTES:
1. PROVIDE LINTELS OVER ALL MASONRY OPENINGS EXCEPT WHERE LINTEL BLOCKS ARE PROVIDED.
2. PROVIDE ONE ANGLE FOR EACH 4" OF WALL THICKNESS. FOR 6" WALLS PROVDE TEE OR BUILT-UP SECTION WITH PROPERTIES EQUAL TO OR GREATER THAN 1½" TIMES ANGLE PROPERTIES FOR 4" WALL THICKNESS.
3. ALL LINTELS SHALL BE GALVANIZED.
4. PROVIDE 8" OF BEARING EACH END OF ALL LINTELS.



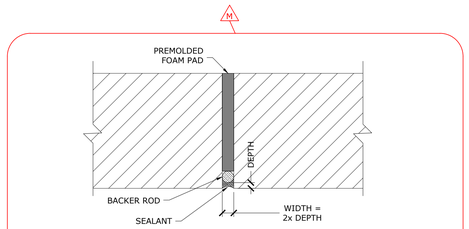
TYPICAL CONCRETE SLAB-ON-GRADE DETAILS

½" = 1'-0"



TYPICAL BEAM CONNECTION

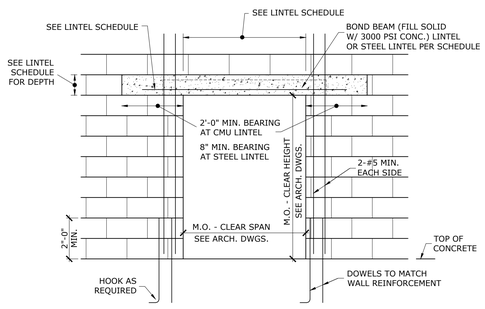
TYPICAL CONNECTION			
MEMBER DEPTH	ROWS OF ¾"Ø BOLTS	℄ THICKNESS	WELD
W8, W10	2	¼"	¼"
W12, W14	3	¼"	¼"
W16	4	¼"	¼"
W18	5	¼"	¼"



TYPICAL BRICK VENEER EXPANSION JOINT DETAIL

6" = 1'-0"

INDICATES A MODIFICATION ON THE DRAWING SHOWN IN ADDENDUM 3, NOTE THAT IT MAY INCLUDE EITHER A CLARIFICATION (C), SCOPE MODIFICATION (M) OR SCOPE INCREASE (I).



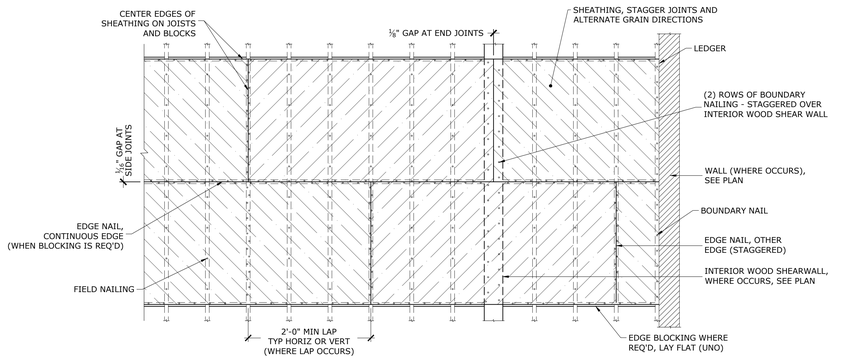
TYPICAL OPENING IN CMU WALL DETAIL

½" = 1'-0"

FLOOR/ROOF SHEATHING SCHEDULE							
LOCATION	WOOD SHEATHING THICKNESS	NAIL SIZE	EDGE NAIL		FIELD NAIL	BOUNDARY NAIL	EDGE BLOCK
			CONT EDGE	OTHER EDGE			
ROOF	19/32"	10d	6"	6"	12"	6"	NO
FLOOR	23/32"	10d	6"	6"	12"	6"	SEE PLANS

SHEATHING NOTES:

1. MINIMUM NAIL PENETRATION INTO FRAMING: 8d - 1½", 10d - 1⅝"
2. USE COMMON NAILS (8d DIAMETER = 0.131", 10d DIAMETER = 0.148")
3. ALL WOOD FLOOR SHEATHING SHALL BE GLUED AND NAILED. USE A CONSTRUCTION ADHESIVE.
4. PROVIDE (2) ROWS OF BOUNDARY NAILING STAGGERED OVER INTERIOR SHEAR WALLS AT FLOOR AND ROOF.
5. SEE GENERAL STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.



FLOOR/ROOF SHEATHING SCHEDULE

NTS PLAN VIEW

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1	04/16/21	Addendum 3

S-P2-2.0
TYPICAL SECTIONS AND DETAILS

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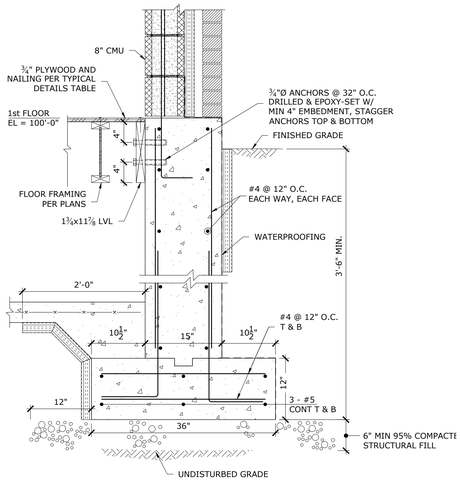
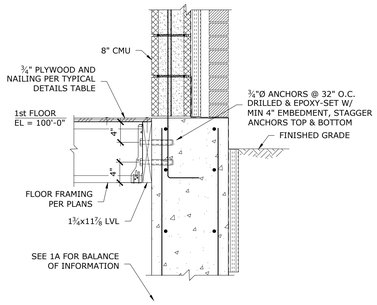
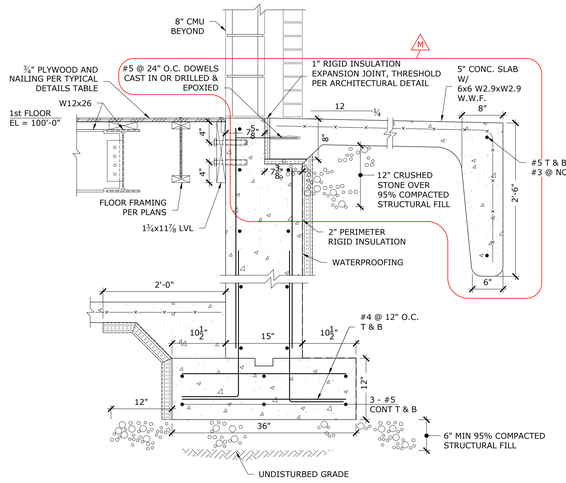


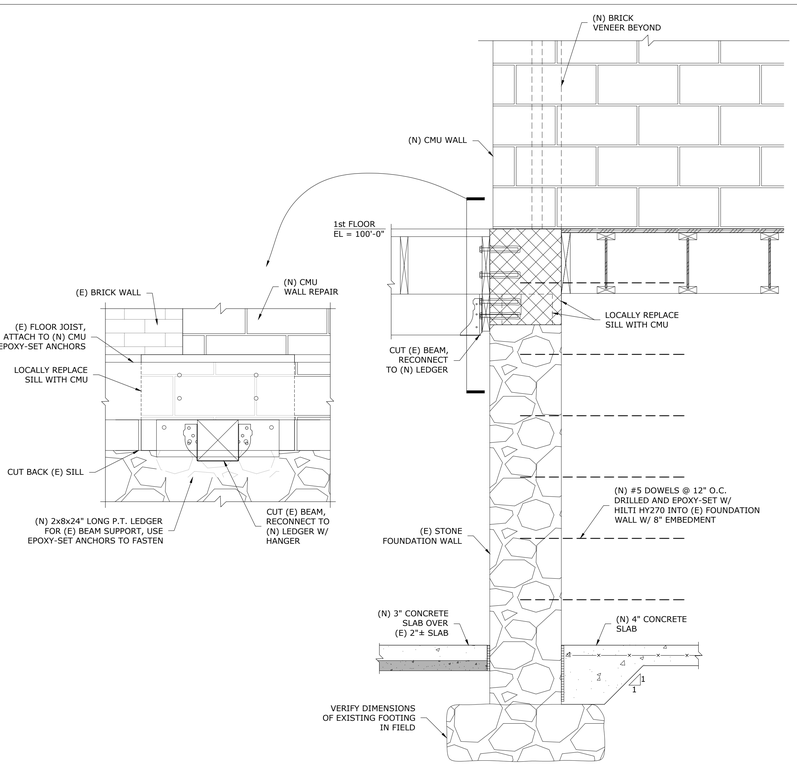
1A S-P2-2.1 FOUNDATION DETAIL AT EXTERIOR WALL
1" = 1'-0"



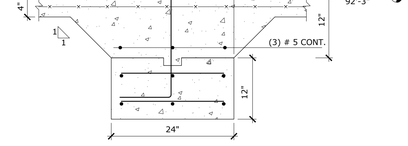
1B S-P2-2.1 FOUNDATION DETAIL AT EXTERIOR WALL
1" = 1'-0"



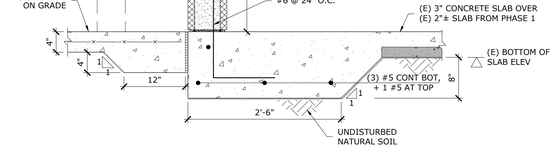
2 S-P2-2.1 FOUNDATION DETAIL AT EXTERIOR WALL
1" = 1'-0"



3 S-P2-2.1 FOUNDATION DETAIL AT EXTERIOR WALL REPAIR
1" = 1'-0"

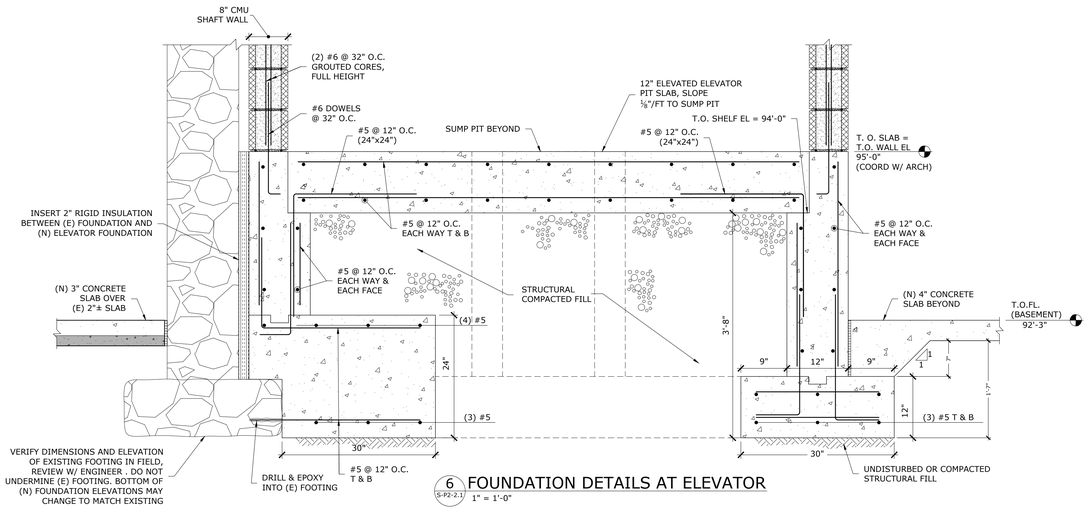


4 S-P2-2.1 WALL FOOTING
1" = 1'-0"

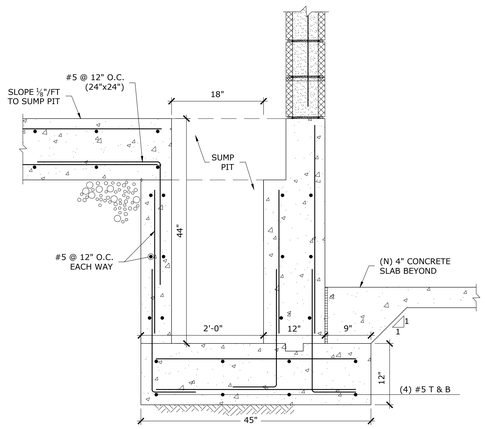


5 S-P2-2.1 SECTION THROUGH FRONT STAIR
1" = 1'-0"

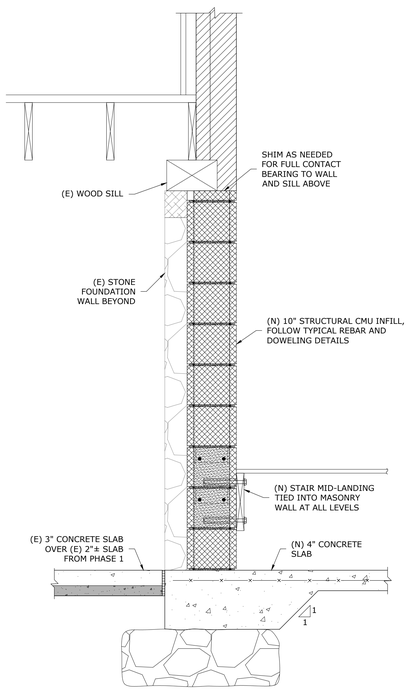
INDICATES A MODIFICATION ON THE DRAWING SHOWN IN ADDENDUM 3, NOTE THAT IT MAY INCLUDE EITHER A CLARIFICATION (C), SCOPE MODIFICATION (M) OR SCOPE INCREASE (I).



6 S-P2-2.1 FOUNDATION DETAILS AT ELEVATOR
1" = 1'-0"



7 S-P2-2.1 DETAIL AT ELEVATOR SUMP PIT
1" = 1'-0"



8 S-P2-2.1 FOUNDATION DETAIL AT EXTERIOR WALL REPAIR
1" = 1'-0"

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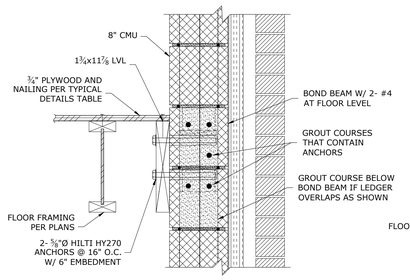
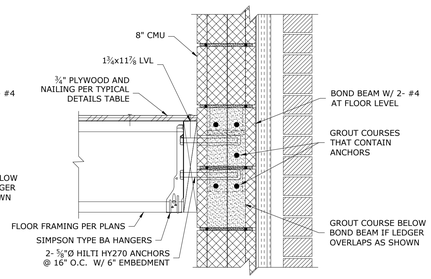
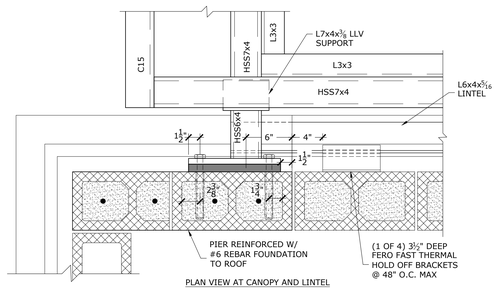


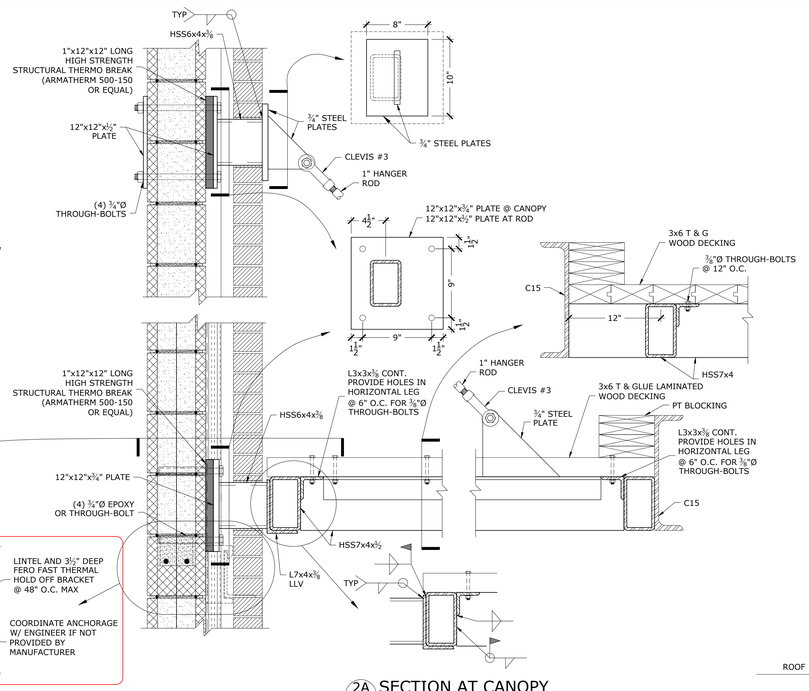
1A S-P2-3.1 SECTION AT EXTERIOR WALL
1½" = 1'-0"



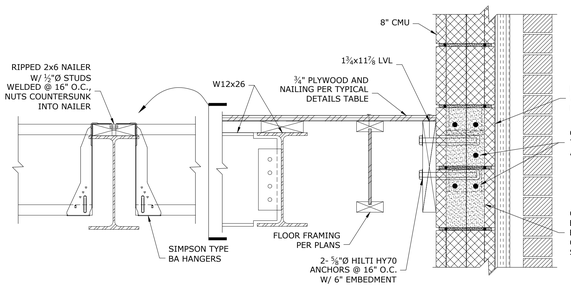
1B S-P2-3.1 SECTION AT EXTERIOR WALL
1½" = 1'-0"



PLAN VIEW AT CANOPY AND LINTEL

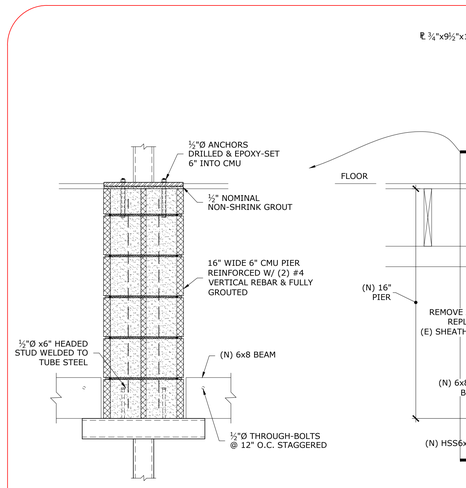


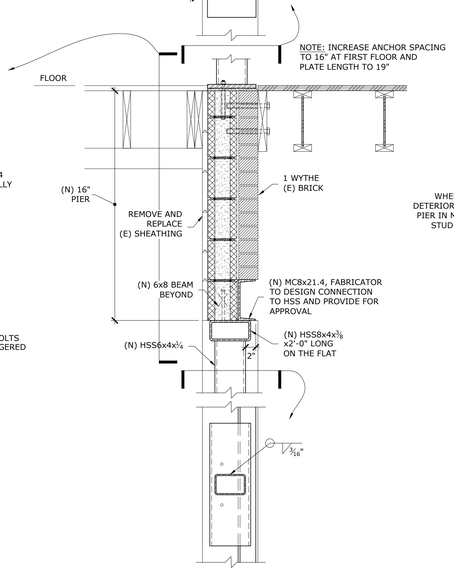
2A S-P2-3.1 SECTION AT CANOPY
1½" = 1'-0" AT SECOND FLOOR FRAMING

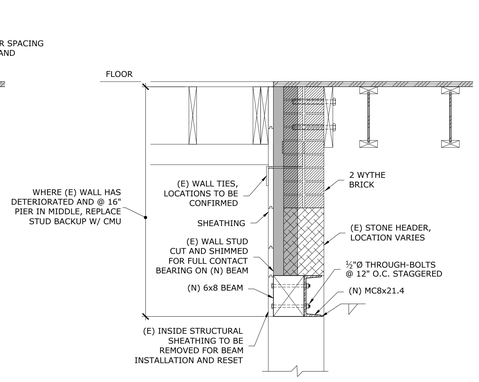


2B S-P2-3.1 SECTION AT EXTERIOR WALL
1½" = 1'-0" AT 3rd FLOOR FRAMING

INDICATES A MODIFICATION ON THE DRAWING SHOWN IN ADDENDUM 3, NOTE THAT IT MAY INCLUDE EITHER A CLARIFICATION (C), SCOPE MODIFICATION (M) OR SCOPE INCREASE (I).

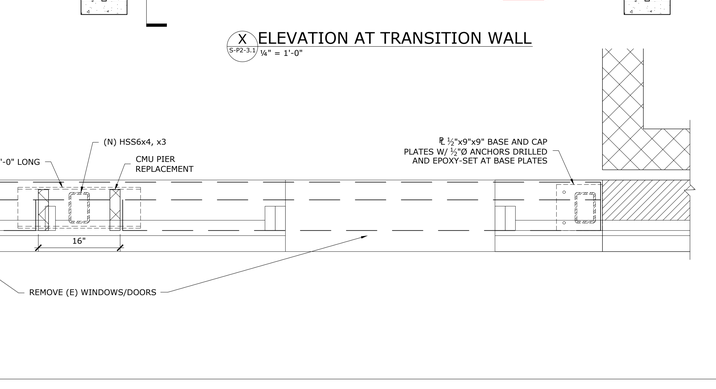




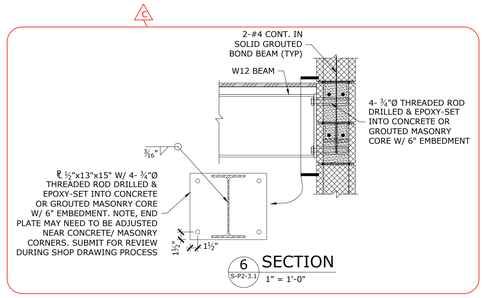


5A S-P2-3.1 SECTION AT COMMON WALL OPENINGS
1" = 1'-0"

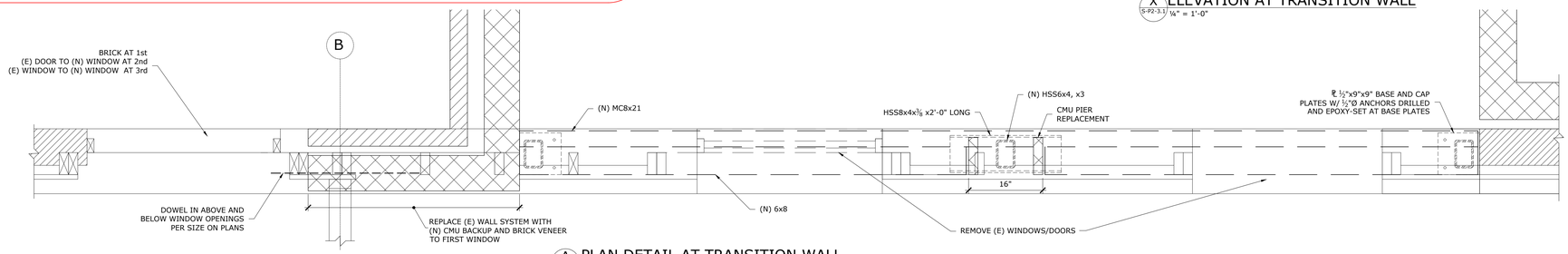
5B S-P2-3.1 SECTION AT COMMON WALL OPENINGS
1" = 1'-0"



X S-P2-3.1 ELEVATION AT TRANSITION WALL
¼" = 1'-0"



6 S-P2-3.1 SECTION
1" = 1'-0"



A S-P2-3.1 PLAN DETAIL AT TRANSITION WALL
1" = 1'-0"

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FRAMING SECTIONS AND DETAILS

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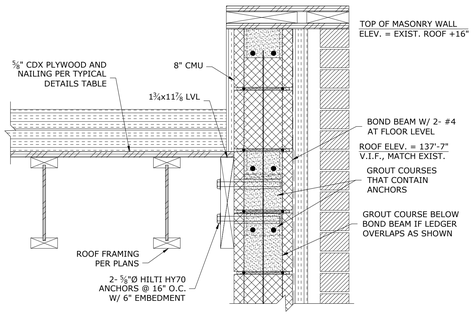
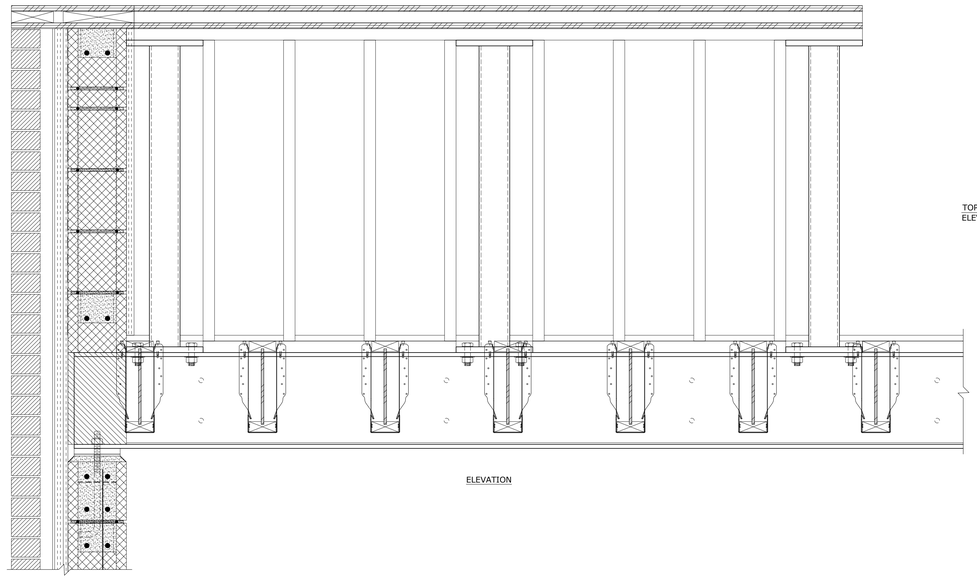
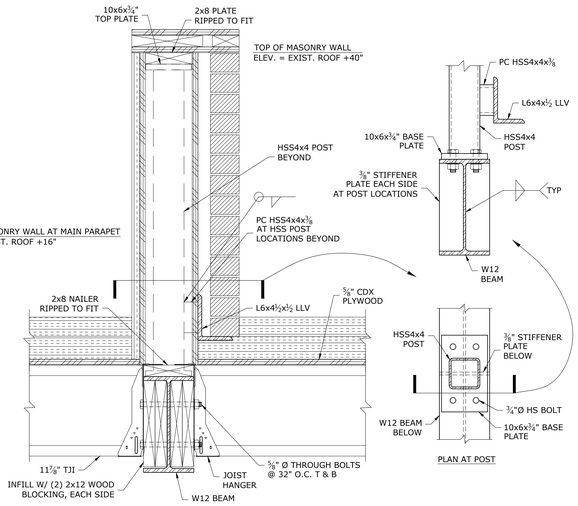


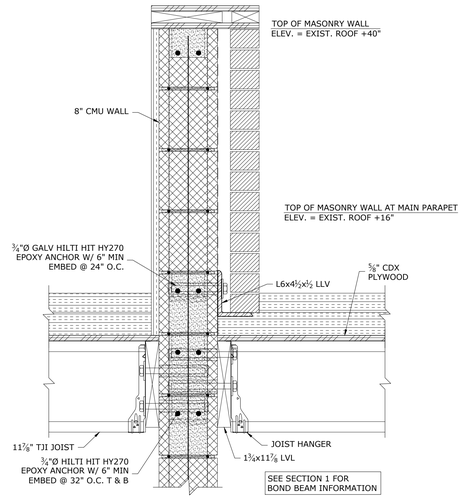
1 S-P2-3.2 TYPICAL SECTION AT PARAPET
1½" = 1'-0"



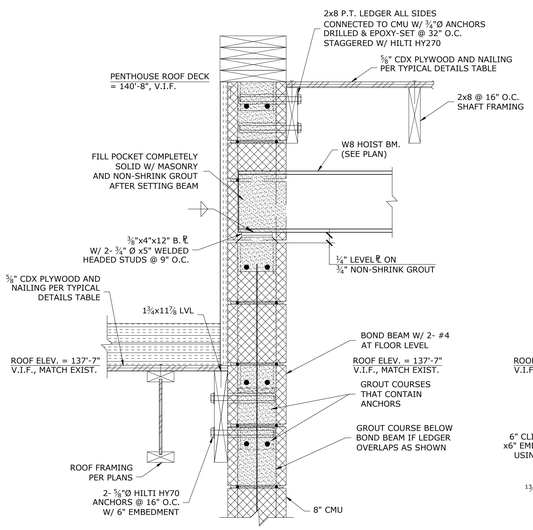
ELEVATION



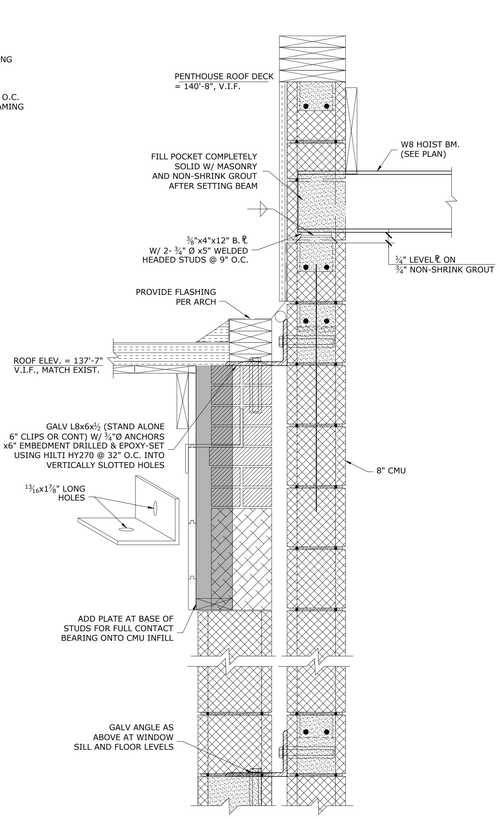
3 S-P2-3.2 SECTION AT WING WALL PARAPET
1½" = 1'-0"



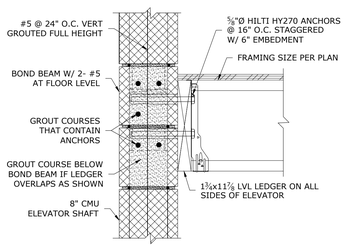
2 S-P2-3.2 SECTION AT WING WALL PARAPET
1½" = 1'-0"



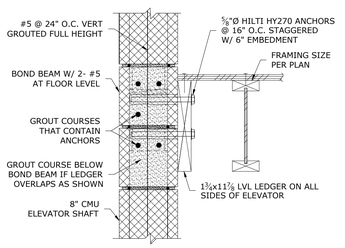
4 S-P2-3.2 SECTION AT ELEVATOR PENTHOUSE ROOF
1½" = 1'-0"



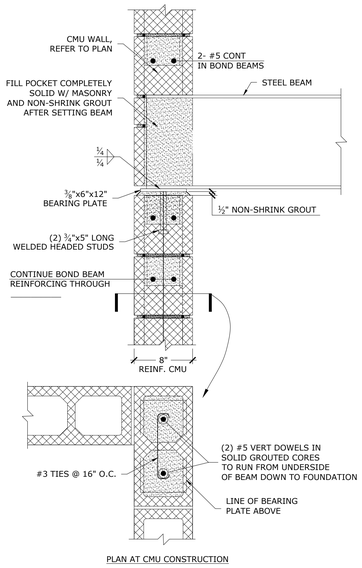
5 S-P2-3.2 SECTION AT ELEVATOR PENTHOUSE ROOF
1½" = 1'-0"



6A S-P2-3.2 FRAMING AT ELEVATOR
1½" = 1'-0"



6B S-P2-3.2 FRAMING AT ELEVATOR
1½" = 1'-0"



PLAN AT CMU CONSTRUCTION

7 S-P2-3.2 BEAM SUPPORT AT ELEVATOR
1½" = 1'-0"

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CITIZEN'S BLOCK
28-34 PARK PLACE, VERNON CT
Owner: Town of Vernon - Administration

NOT FOR CONSTRUCTION

Drawn:
Issued: 03-17-21
Status:

Revisions

NO	DATE	DESCRIPTION
1	04/16/21	Addendum 3

S-P2-3.2
FRAMING
SECTIONS AND DETAILS

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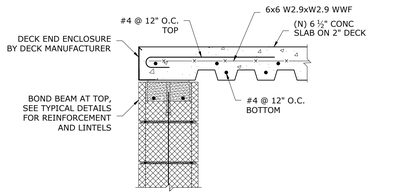
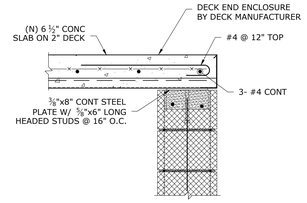
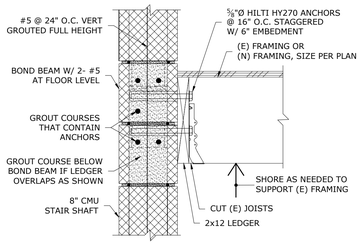


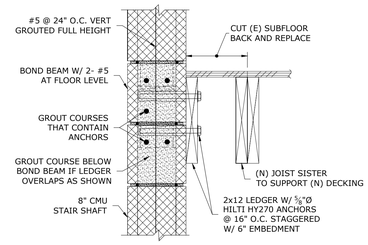
1 S-P2-3.3 SECTION THROUGH EDGE OF VAULT SLAB
1" = 1'-0"



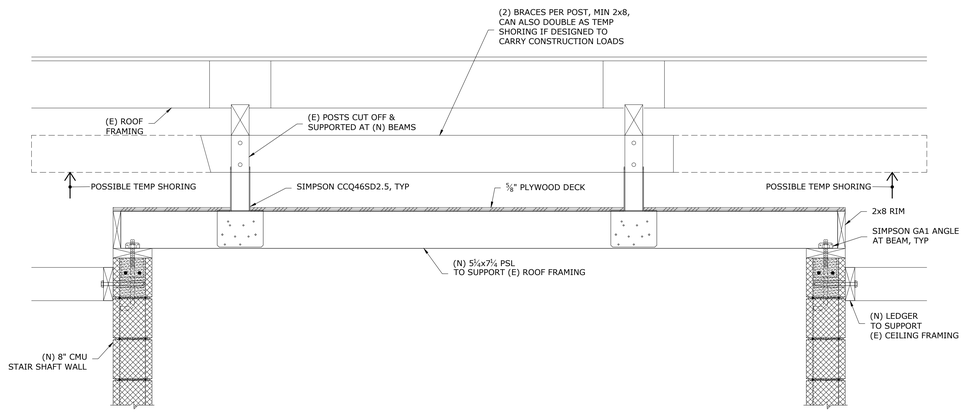
2 S-P2-3.3 SECTION THROUGH EDGE OF VAULT SLAB
1" = 1'-0"



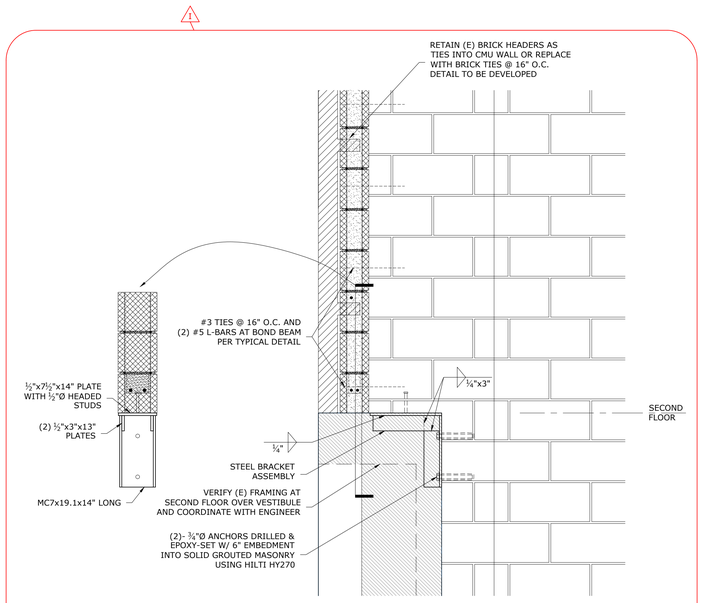
3A S-P2-3.3 FRAMING AT STAIR SHAFT
1½" = 1'-0"



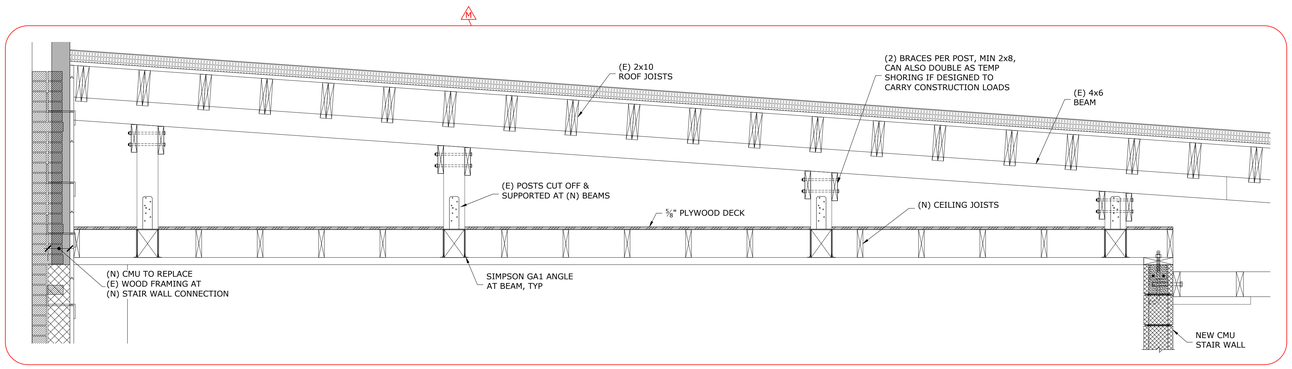
3B S-P2-3.3 FRAMING AT STAIR SHAFT
1½" = 1'-0"



4 S-P2-3.3 SECTION AT STAIR 2
1" = 1'-0"



6 S-P2-3.3 SECTION AT STAIR 2 CMU SUPPORT
1" = 1'-0"



5 S-P2-3.3 SECTION THROUGH STAIR 2
¾" = 1'-0"

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