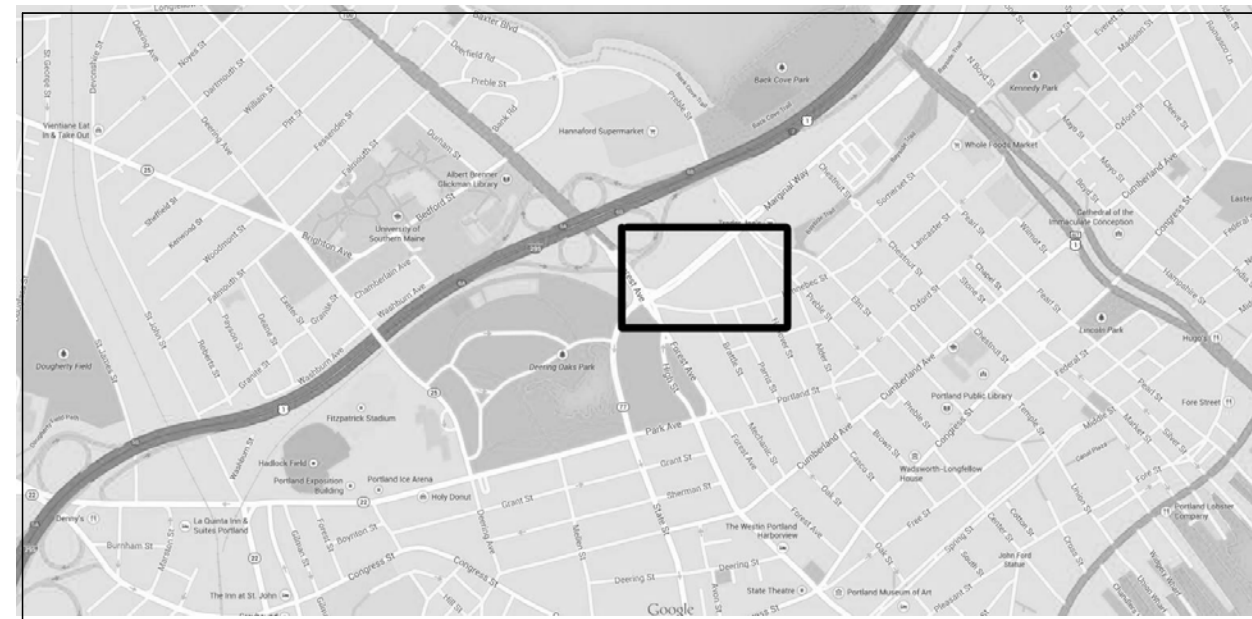


CENTURY TIRE

MARGINAL WAY PORTLAND, MAINE

DATE OF ISSUE

03-16-2015 ISSUED FOR PERMIT



LOCATION MAP

NOT TO SCALE



SIGNATURES

OWNER: _____ DATE: _____
 ARCHITECT: _____ DATE: _____
 CONTRACTOR: _____ DATE: _____
 MAINE HOUSING: _____ DATE: _____
 CONSTRUCTION LENDER: _____ DATE: _____

CONTACTS

Client:
 xxxxx
 xxxxx
 xxxxx
 xxxxx
 xxxxx
 xxxxx

Architect:
 Archetype Architects
 48 Union Wharf
 Portland, ME
 04101
 (207) 772 6022
 xxxxx

Structural Engineer:
 xxxxx
 xxxxx
 xxxxx
 xxxxx
 xxxxx
 xxxxx

Electrical Engineer:
 xxxxx
 xxxxx
 xxxxx
 xxxxx
 xxxxx
 xxxxx

Mechanical Engineer:
 xxxxx
 xxxxx
 xxxxx
 xxxxx
 xxxxx
 xxxxx

Civil Engineer:
 xxxxx
 xxxxx
 xxxxx
 xxxxx
 xxxxx
 xxxxx

RELEVANT CODES

INTERNATIONAL BUILDING CODE (BUILDINGS A&B)

OCCUPANCY A-2
 CONSTRUCTION TYPE 2B
 SPRINKLED W/NFPA 13
 ALLOWABLE AREA BUILDING A - 42,940 SQ.FT. (TABULAR AREA PLUS SPRINKLER INCREASE)
 PROPOSED FLOOR AREA BUILDING A (5,021 SQ.FT.)
 ALLOWABLE AREA BUILDING B - 45,125 SQ.FT. (TABULAR AREA PLUS SPRINKLER INCREASE)
 PROPOSED FLOOR AREA BUILDING B (8,325 SQ.FT.)
 ALLOWABLE HEIGHT (3) STORIES (TABULAR HGT. PLUS SPRINKLER INCREASE)
 PROPOSED HEIGHT (1) STORIES
 FIRE RESISTANCE RATING STRUCTURAL FRAME (0 HOUR)
 FIRE RESISTANCE RATING BEARING WALLS (0 HOUR)
 FIRE RESISTANCE RATING NON-BEARING WALLS AND PARTITIONS (0 HOURS)
 FIRE RESISTANCE RATING FLOOR CONSTRUCTION (0 HOUR)
 FIRE RESISTANCE RATING ROOF CONSTRUCTION (0 HOUR)

MEANS OF EGRESS

A-2 OCCUPANT LOAD (BUILDING A) 5,021/7=717
 A-2 OCCUPANT LOAD (BUILDING B) 8,325/7=1189
 MINIMUM REQUIRED CORRIDOR WIDTH - 44"
 DEAD END CORRIDORS < 20 FT.

FIRE PARTITIONS

CORRIDOR FIRE PARTITION (NONBEARING) - 1/2 HR
 STANDPIPE NOT REQUIRED (<30 FT. ABOVE GRADE)
 FIRE DEPT. CONNECTION REQUIRED
 MANUAL ALARM NOT REQUIRED

INTERNATIONAL BUILDING CODE (WAREHOUSE)

OCCUPANCY S-2
 CONSTRUCTION TYPE 2B
 SPRINKLED W/NFPA 13
 ALLOWABLE AREA WAREHOUSE = 78,000+ (TABULAR AREA + SPRINKLER INCREASE)
 PROPOSED FLOOR AREA WAREHOUSE (2,957 SQ.FT.)
 ALLOWABLE HEIGHT (4) STORIES (TABULAR HGT. PLUS SPRINKLER INCREASE)
 PROPOSED HEIGHT (1) STORIES
 FIRE RESISTANCE RATING STRUCTURAL FRAME (0 HOUR)
 FIRE RESISTANCE RATING BEARING WALLS (0 HOUR)
 FIRE RESISTANCE RATING NON-BEARING WALLS AND PARTITIONS (0 HOURS)
 FIRE RESISTANCE RATING FLOOR CONSTRUCTION (0 HOUR)
 FIRE RESISTANCE RATING ROOF CONSTRUCTION (0 HOUR)

MEANS OF EGRESS

S-2 OCCUPANT LOAD 2,957/500=6

FIRE PARTITIONS

CORRIDOR FIRE PARTITION (NONBEARING) - 0 HR
 STANDPIPE NOT REQUIRED (<30 FT. ABOVE GRADE)
 FIRE DEPT. CONNECTION REQUIRED
 MANUAL ALARM NOT REQUIRED

REFERENCE

303
 T601
 903.1
 T503
 T503
 T503
 T503
 T601
 T601
 T601
 T601
 T601
 T601
 1003
 T-1004.1.1
 T-1004.1.1
 1017.2
 1017.3
 T-1017.1
 905.3.1
 903.3.6 (AS DIRECTED BY FIRE)
 907.2.1 (EX.)

NFPA 101 - 2009

OCCUPANCY - ASSEMBLY
 2 HR OCCUPANCY SEPARATION
 CONSTRUCTION TYPE II (000)
 SPRINKLED W/NFPA 13
 DEAD END CORRIDOR < 20 FT.
 EXIT ENCLOSURE 1 HOUR
 AREA OF REFUGE NOT REQUIRED

REFERENCE

NFPA 6.1.2
 NFPA TABLE 6.1.14.4.1
 NFPA TABLE A.8.2.1.2
 12.2.5.1.3
 7.1.3.2.1
 7.2.12.1.1

NFPA 101 - 2009

OCCUPANCY - STORAGE
 CONSTRUCTION TYPE II (000)
 SPRINKLED W/NFPA 13
 DEAD END CORRIDOR = NL
 EXIT ENCLOSURE 1 HOUR
 AREA OF REFUGE NOT REQUIRED

REFERENCE

NFPA 6.1.13
 NFPA TABLE A.8.2.1.2
 42.2.5
 7.1.3.2.1
 7.2.12.1.1

DRAWING LIST

STRUCTURAL DRAWINGS	
S0.1	GENERAL NOTES AND SCHEDULES
S1.0	BUILDING A FOUNDATION PLAN
S1.1	BUILDING B FOUNDATION PLAN
S1.2	WAREHOUSE FOUNDATION PLAN
S2.0	BUILDING A ROOF FRAMING PLAN
S2.1	BUILDING B ROOF FRAMING PLAN
S2.2	WAREHOUSE ROOF FRAMING PLAN
S3.0	FOUNDATION SECTIONS
S4.0	FRAMING SECTIONS
S4.1	FRAMING SECTIONS
S4.2	FRAMING SECTIONS
ARCHITECTURAL DRAWINGS	
A0.01	DEMO AND NEW WORK SITE PLAN
A0.11	DEMO PLANS
A0.12	EXISTING/DEMO ELEVATIONS
A1.01	BUILDING A PLAN
A1.02	BUILDING B PLAN
A1.03	BUILDING B ROOF PLAN
A1.04	WAREHOUSE PLAN
A2.01	BUILDING A ELEVATIONS
A2.02	BUILDING B ELEVATIONS
A2.03	WAREHOUSE ELEVATIONS
A3.01	BUILDING SECTIONS
A3.02	BUILDING ELEVATIONS
A3.21	WALL SECTIONS
A3.22	WALL SECTIONS
A5.00	DETAILS
A5.01	DETAILS
A5.02	ROOF DETAILS
A8.01	DOOR SCHEDULE
MECHANICAL	
M1.01	MECHANICAL AND PLUMBING PLAN
M1.02	MECHANICAL SCHEDULES
ELECTRICAL	
E1.00	SITE ELECTRICAL PLAN
E1.01	BUILDING A AND B SHELL
E1.02	WAREHOUSE SHELL
E1.03	NOTES LEGEND & SCHEDULE

GENERAL NOTES

NOTES ON THESE DRAWINGS ARE NOT INTENDED TO REPLACE SPECIFICATIONS. SEE SPECIFICATIONS FOR REQUIREMENTS IN ADDITION TO DRAWING NOTES.

STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH PROJECT SPECIFICATIONS AND THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, EQUIPMENT, SITE AND SHOP DRAWINGS. CONSULT THESE DRAWINGS FOR LOCATIONS AND DIMENSIONS OF CHASES, INSERTS, SLEEVES, DEPRESSIONS AND OTHER DETAILS NOT SHOWN ON THE STRUCTURAL DRAWINGS.

ALL DIMENSIONS, ELEVATIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD BY THE GENERAL CONTRACTOR. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK. THE CONTRACTOR SHALL DETERMINE ALL NECESSARY DIMENSIONS, ELEVATIONS AND CONDITIONS REQUIRED FOR THE FABRICATION AND ERECTION OF THE BUILDING'S COMPONENTS PRIOR TO THE SUBMISSION OF SHOP DRAWINGS. ALL SHOP DRAWINGS SHALL ACCURATELY REFLECT THE GENERAL CONTRACTOR'S VERIFICATION OF FIELD CONDITIONS.

SHOP DRAWINGS SHALL BE ORIGINAL DRAWINGS PREPARED BY THE GENERAL CONTRACTOR OR A SUBCONTRACTOR. REPRODUCTION OF ANY STRUCTURAL DRAWING FOR USE AS A SHOP DRAWING IS NOT ACCEPTABLE.

THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS SOLELY THE GENERAL CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCING TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS AND/OR TIEDOWNS. SUCH MATERIAL SHALL REMAIN THE PROPERTY OF THE GENERAL CONTRACTOR AFTER COMPLETION OF THE BUILDING.

SECTIONS AND DETAILS SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE CONSIDERED TYPICAL AND USED IN SIMILAR CONDITIONS.

THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL FOLLOW ALL APPLICABLE FEDERAL, STATE AND MUNICIPAL REGULATIONS INCLUDING THE FEDERAL DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH ACT.

DESIGN CRITERIA

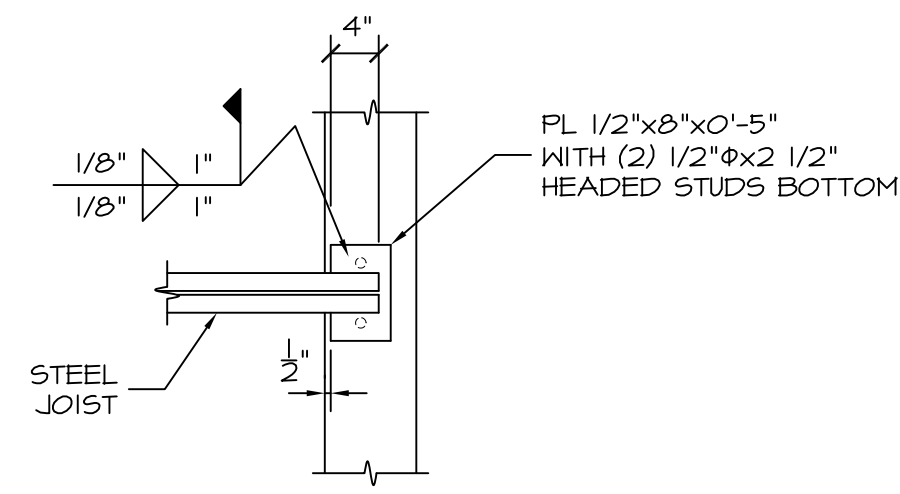
BUILDING CODE: 2009 INTERNATIONAL BUILDING CODE

DESIGN LOADS:

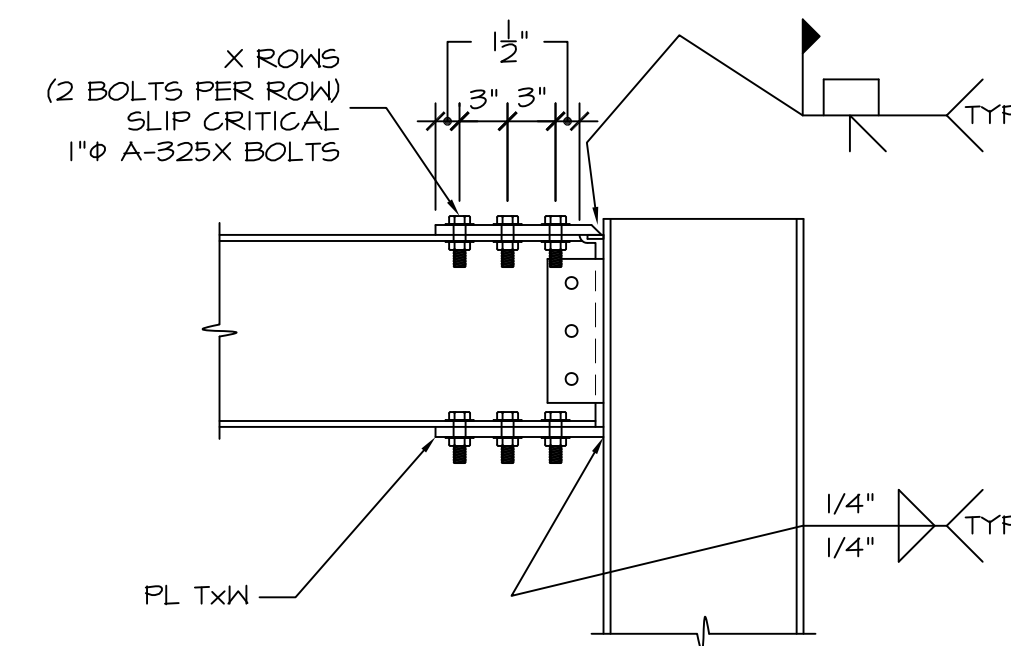
LIVE LOADS	
RETAIL UNITS	100 PSF
SNOW LOAD	
GROUND SNOW LOAD, P_g	60 PSF
SNOW EXPOSURE FACTOR, C_e	1.0
SNOW LOAD IMPORTANCE FACTOR, I_s	1.0
THERMAL FACTOR, C_t	1.0
FLAT ROOF SNOW LOAD, P_f	42 PSF
WIND LOAD	
BASIC WIND SPEED (3 SEC GUST), V_{3s}	100 MPH
WIND IMPORTANCE FACTOR, I_w	1.0
BUILDING CATEGORY	I
EXPOSURE CATEGORY	B

EARTHQUAKE DESIGN DATA	
SEISMIC IMPORTANCE FACTOR, I_e	1.0
MAPPED SPECTRAL RESPONSE ACCELERATIONS	
0.2 SEC PERIOD, $S_{0.2}$	0.315
1 SEC PERIOD, S_1	0.077

SITE CLASS	
SPECTRAL RESPONSE COEFFICIENTS	D
0.2 PERIOD 5% DAMPED, $S_{0.2}$	0.325
1 SEC PERIOD 5% DAMPED, $S_{0.1}$	0.123
SEISMIC DESIGN CATEGORY	C
BASIC SEISMIC-FORCE-RESISTING SYSTEM	ORDINARY MOMENT FRAMES
DESIGN BASE SHEAR	
BUILDING A	17.7 KIPS
BUILDING B	26.1 KIPS
WAREHOUSE	19.1 KIPS
SEISMIC RESPONSE COEFFICIENT, C_s	0.093
DEFLECTION AMPLIFICATION FACTOR, C_d	3.0
RESPONSE MODIFICATION COEFFICIENT, R	3.5
SYSTEM OVERSTRENGTH FACTOR, Ω	3.0
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE



STEEL JOIST BEARING PLATE DETAIL
3/4"=1'-0"



TYPICAL MOMENT CONNECTION
NTS

BEAM SIZE	COLUMN SIZE	T	W	X
W6x26	W10x30	1/2"	5 1/2"	3
W10x35	W12x40	5/8"	6"	4

FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
F1	3'-4" x 3'-4" x 1'-0"	(4) #5 E.W. BOT.
F2	4'-6" x 4'-6" x 1'-0"	(5) #5 E.W. BOT.
F3	5'-0" x 5'-0" x 1'-6"	(6) #6 E.W. BOT.
F4	5'-6" x 5'-6" x 1'-6"	(7) #6 E.W. BOT.
F5	4'-0" x 5'-6" x 1'-6"	(7) #6 S.W. BOT. (5) #6 L.W. BOT.

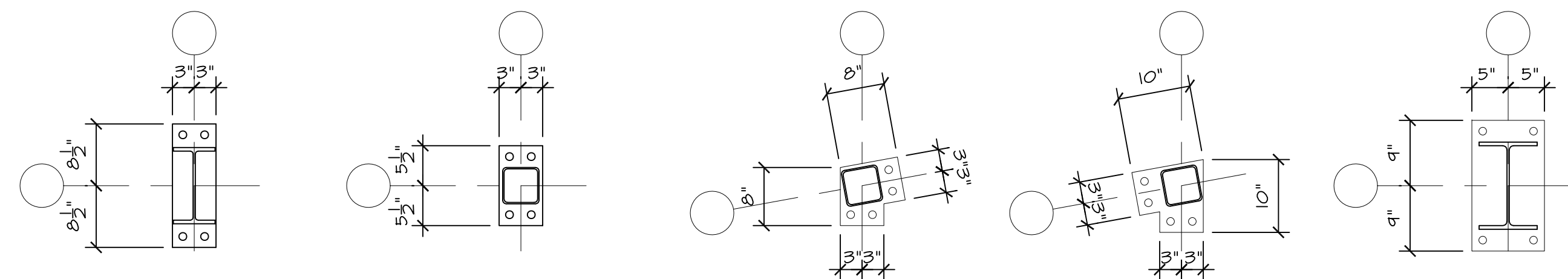
LOOSE LINTEL SCHEDULE	
ROUGH OPENING	LINTEL SIZE
UP TO 3'-0"	L 3 1/2x3 1/2x5/16
>3'-0" TO 4'-6"	L 4x3 1/2x5/16 LLV
>4'-6" TO 6'-0"	L 5x3 1/2x5/16 LLV

INSTALL ONE STEEL ANGLE LINTEL FOR EACH 4" OF WALL THICKNESS.

ALL EXTERIOR LINTELS ARE GALVANIZED.

PROVIDE 6" BEARING AT EACH END.

COLUMN SCHEDULE					
BUILDING	COLUMN MARK	SIZE	BOT. OF BASE PL. ELEV.	BASE PL. TYPE	TOP OF COLUMN ELEV.
A	A-2 B-2 C-2 D-2	W10x30	13'-5"	A	24'-10 1/2"
B	A-3-1 B-1 C-1 A-1-5 B-5 C-5	H955x5x0.1075	13'-1"	B	26'-8"
B	D-1-2 D-1-B D-2 D-3 D-4	W10x30	13'-1"	A	26'-4"
B	D-1	H955x5x0.1075	13'-1"	C	26'-8"
B	D-5	H955x5x0.1075	13'-1"	D	26'-8"
B	A-2 A-3 A-4	W12x40	11'-5"	E	26'-8"
B	B-2 B-3 B-4 C-2 C-3 C-4	W12x40	11'-5"	E	25'-10"



TYPE A
THICKNESS = 1"

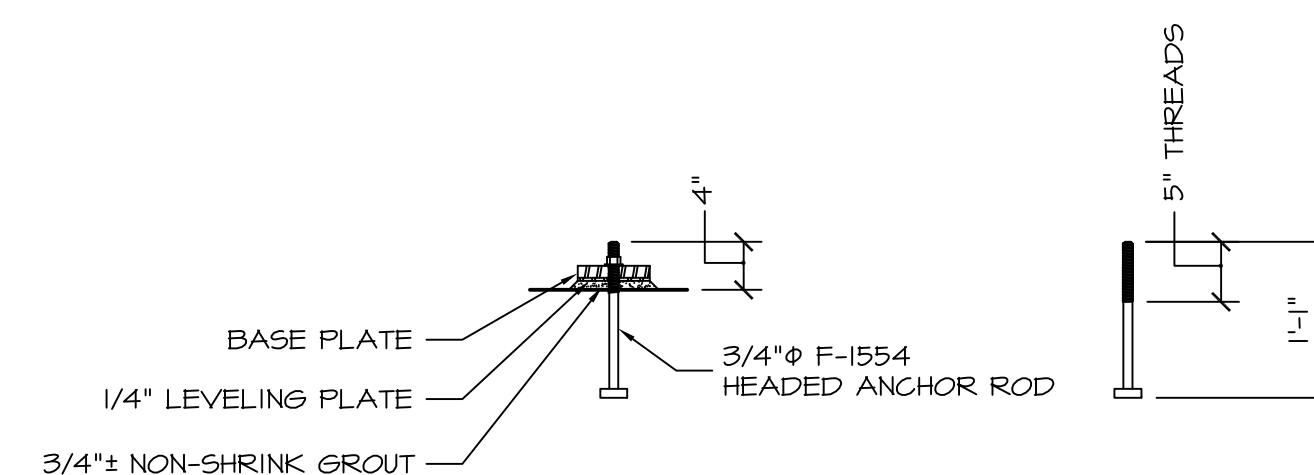
TYPE B
THICKNESS = 5/8"

TYPE C
THICKNESS = 5/8"
SEE PLAN DIMENSIONS TO DETERMINE ANGLE BETWEEN GRIDS

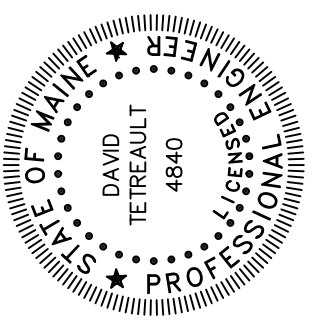
TYPE D
THICKNESS = 5/8"
SEE PLAN DIMENSIONS TO DETERMINE ANGLE BETWEEN GRIDS

TYPE E
THICKNESS = 1"

BASE PLATE DETAILS
3/4"=1'-0"
HOLE DIA = 1 1/16"
HOLE EDGE DIST = 1 1/2" UN.O.

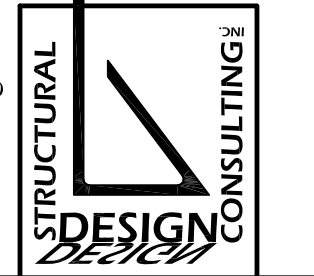


TYPICAL ANCHOR ROD DETAILS
3/4"=1'-0"



Prepared For: **Northland Enterprises, LLC**
ONE CITY CENTER
PORTLAND, MAINE

Structural Engineer: **STRUCTURAL DESIGN CONSULTING**
22 Oakmont Drive
Old Orchard Beach, ME 04064-1121
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Fax: 207-934-8039



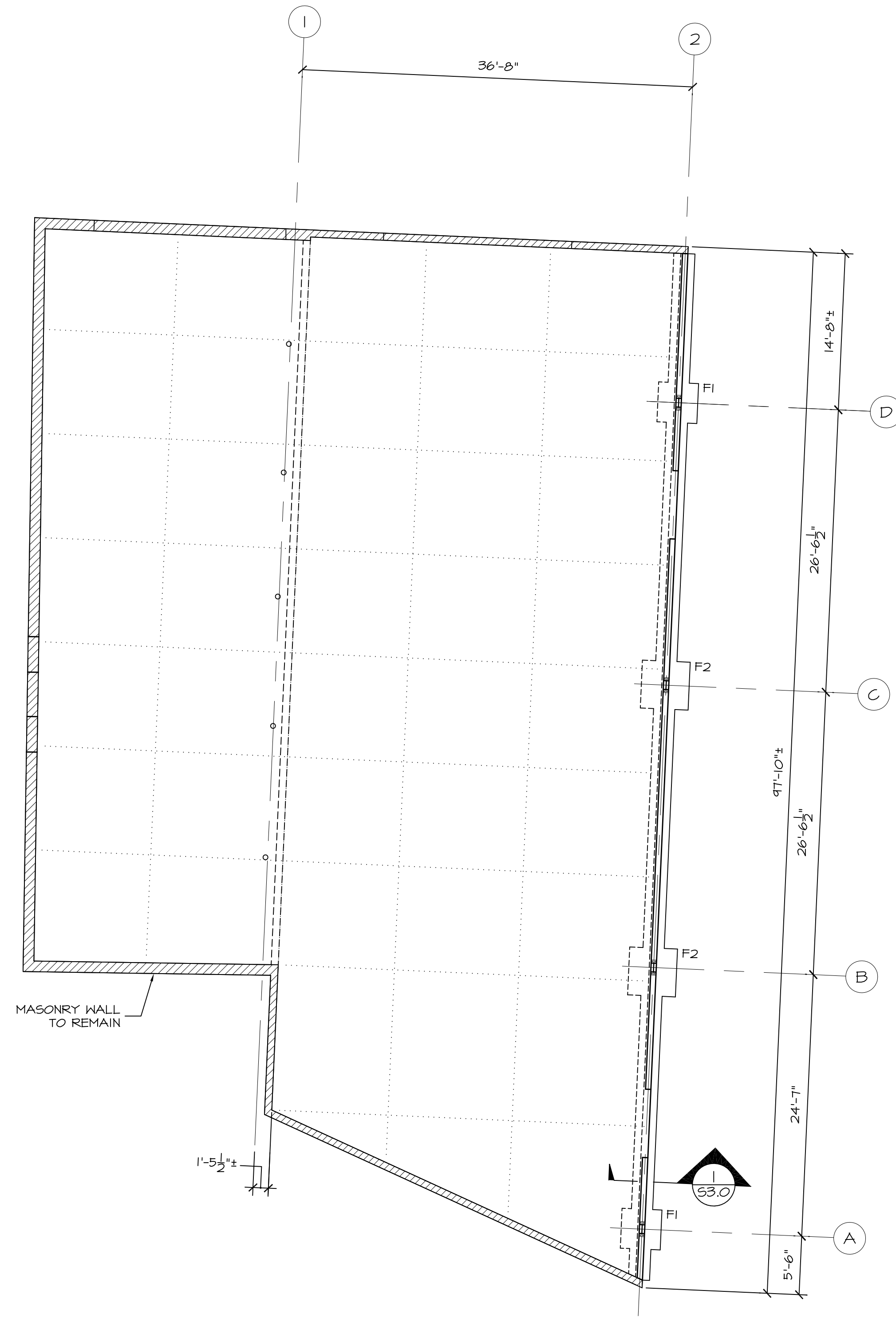
Architect: **ARQUETTE architects**
48 Union Wharf Portland, Maine 04101
(207) 772-6022 Fax (207) 772-4056

Project: **CENTURY TIRE**
815 MARGINAL WAY
PORTLAND, MAINE

Revisions:
Issued for Permit 03/16/15

Date: 16 Mar 15
Scale: As Noted
GENERAL NOTES AND SCHEDULES

S0.1



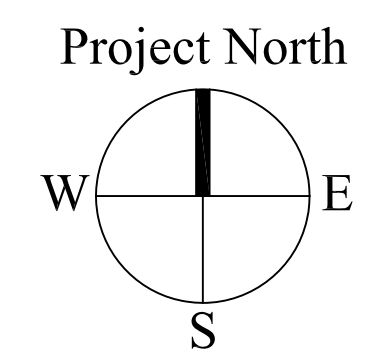
BUILDING A FOUNDATION PLAN

1/8"=1'-0"

FIELD VERIFY ALL EXISTING FOUNDATION DIMENSIONS AND TOP OF CONCRETE ELEVATIONS.

TOP OF EXISTING SLAB WEST OF GRID 1 ELEV = 12'-0"±.
 TOP OF EXISTING SLAB EAST OF GRID 1 ELEV = 11'-6"±.
 TOP OF NEW SLAB ELEV = 12'-4".
 TOP OF FOUNDATION WALL ELEV = 14'-0".
 TOP OF SHELF AND DOOR BONDOUT = 11'-10".

SEE SO.1 FOR FOOTING SCHEDULE.



S1.0

Date: 16 Mar 15

Scale: 1/8" = 1'-0"

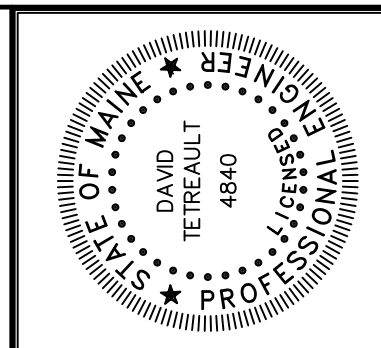
Revisions:
 Issued for Permit 03/16/15

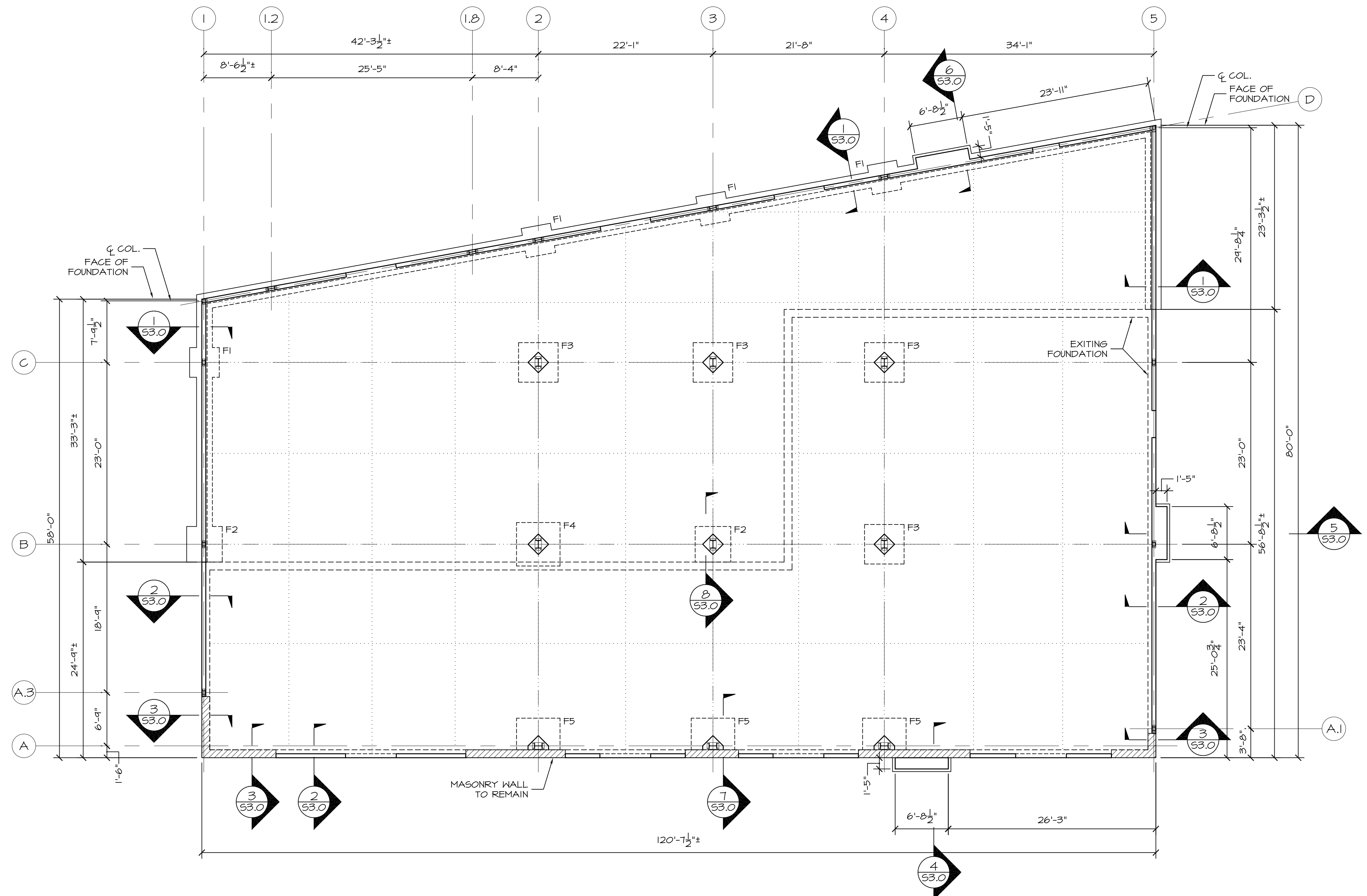
Project:
CENTURY TIRE
 815 MARGINAL WAY
 PORTLAND, MAINE

Architect:
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 Architects
 48 Union Wharf Portland, Maine 04101
 (207) 772-6022 Fax (207) 772-4056

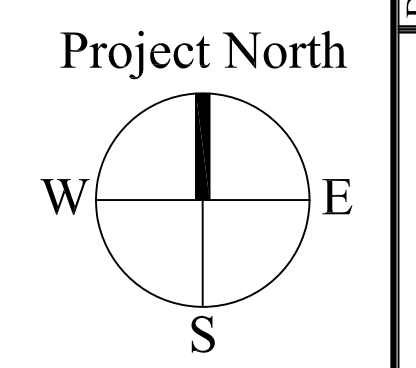
Structural Engineer:
STRUCTURAL DESIGN
CONSULTING
 22 Oakmont Drive
 Old Orchard Beach ME
 04064-4121
 Tel: 207-834-8038
 Fax: 207-834-8039

Prepared For:
Northland Enterprises, LLC
 ONE CITY CENTER
 PORTLAND, MAINE

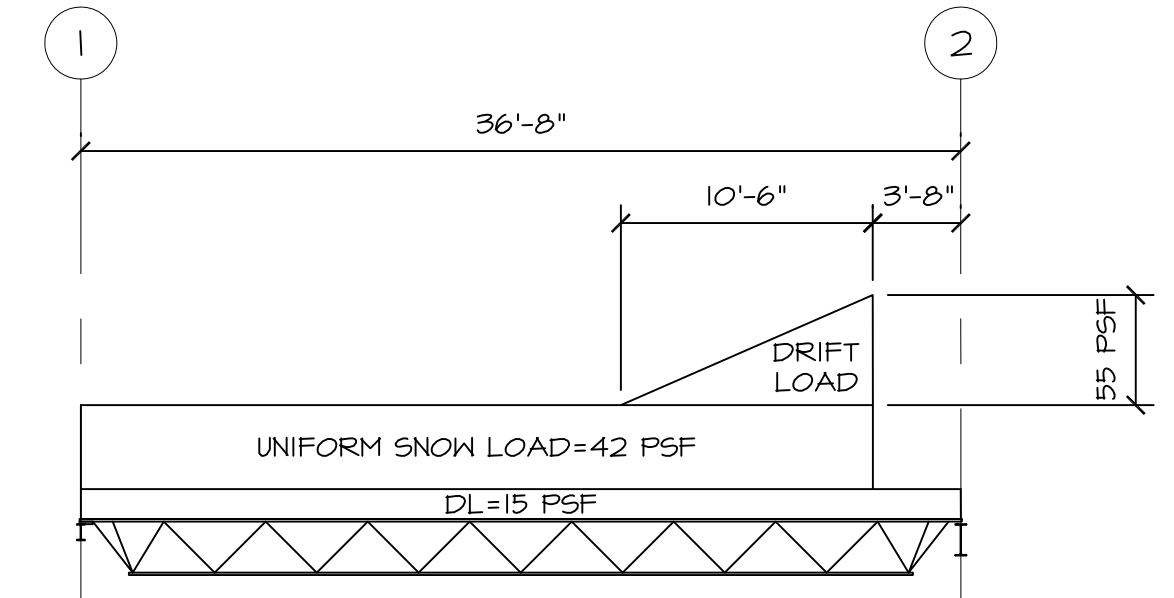
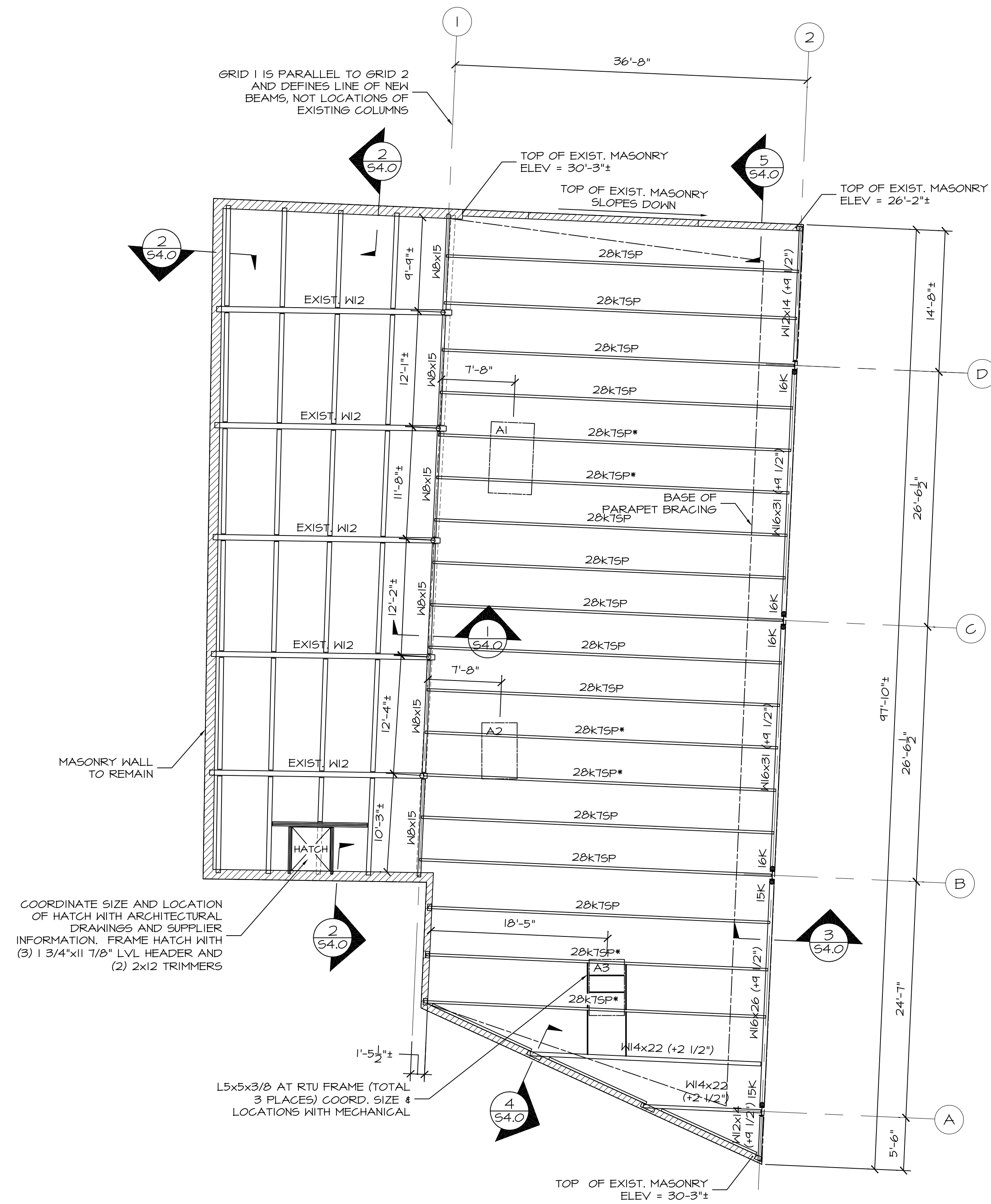




BUILDING B FOUNDATION PLAN
 1/8"=1'-0"
 FIELD VERIFY ALL EXISTING FOUNDATION DIMENSIONS AND TOP OF CONCRETE ELEVATIONS.
 TOP OF EXISTING SLAB ELEV = 10'-11 1/2"±
 TOP OF NEW SLAB ELEV = 12'-0"
 TOP OF FOUNDATION WALL ELEV = 13'-0"
 TOP OF SHELF AND DOOR BONDOUT = 11'-6"
 SEE SO.1 FOR FOOTING SCHEDULE.



Prepared For:	Northland Enterprises, LLC ONE CITY CENTER PORTLAND, MAINE
Structural Engineer:	 22 Oakmont Drive Old Orchard Beach, ME 04064-1121 Tel: 207.834.8038 Fax: 207.834.8039
Architect:	 48 Union Wharf, Portland, Maine 04101 (207) 772-6022 Fax (207) 772-4056
Project:	CENTURY TIRE 185 KENEDEC STREET PORTLAND, MAINE
Revisions:	Issued for Permit 03/16/15
Date:	16 Mar 15
Scale:	1/8" = 1'-0"
BUILDING B FOUNDATION PLAN	
S1.1	



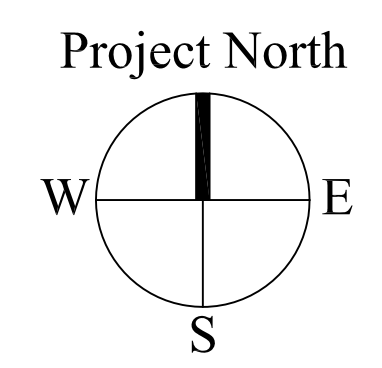
STEEL JOIST DESIGN LOADS
 JOISTS DESIGNATED SP* SHALL BE DESIGNED FOR FOR LOADINGS SHOWN ABOVE CONCURRENTLY WITH (2) 500 LB POINT LOADS SPACED 48" APART LOCATED ANYWHERE WITHIN 6 FEET OF ζ DIMENSION NOTED ON PLAN.

COORDINATE SIZE AND LOCATION OF HATCH WITH ARCHITECTURAL DRAWINGS AND SUPPLIER INFORMATION. FRAME HATCH WITH (3) 1 3/4"x11 7/8" LVL HEADER AND (2) 2x12 TRIMMERS

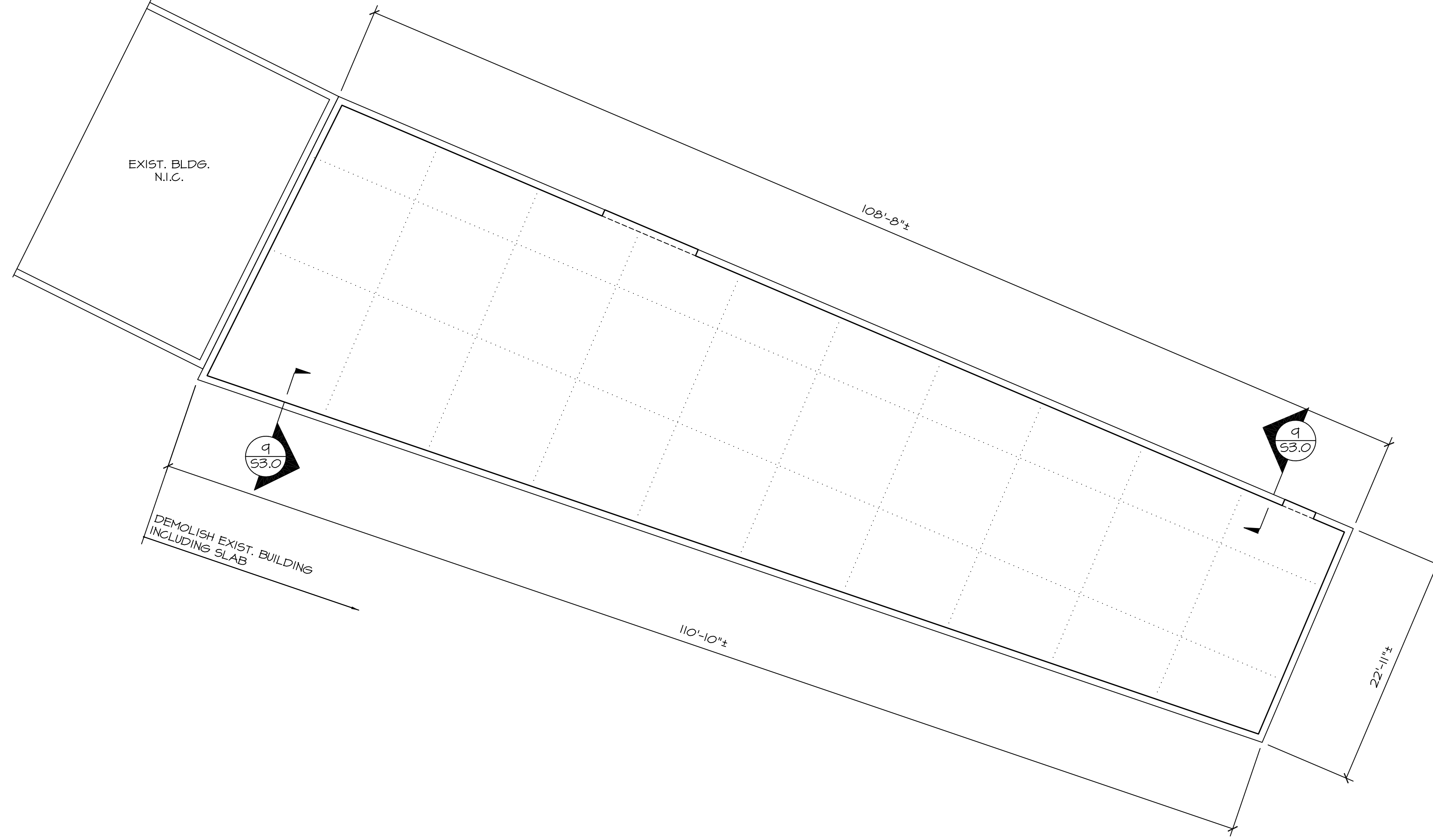
L5x5x3/8 AT RTU FRAME (TOTAL 3 PLACES) COORD. SIZE & LOCATIONS WITH MECHANICAL

BUILDING A ROOF FRAMING PLAN

- 1/8"=1'-0"
- TOP OF STEEL ELEVATION = 28'-10 1/2" UNLESS NOTED (±X").
- SEEL BEAMS THAT ARE PARALLEL TO STEEL JOISTS NOTED (+2 1/2") MATCH SLOPE OF ADJACENT JOISTS.
- SPACE JOISTS EVENLY IN BAYS.
- PROVIDE AND INSTALL BRIDGING PER SJI REQUIREMENTS AND RECOMMENDATIONS.
- ALL SHEAR CONNECTIONS ARE TO BE DESIGNED FOR A 9k REACTION UNLESS NOTED Xk.
- INDICATES MOMENT CONNECTION. SEE SHEET SO.1
- ROOF DECK IS 20 GAGE, 1 1/2" TYPE B, PAINTED STEEL DECK. FASTEN DECK USING 5/8"φ RUDDLE WELDS IN 36/3 PATTERN WITH (1) #10 TEK SIDELAP FASTENER.
- SEE SO.1 FOR COLUMN AND LOOSE LINTEL SCHEDULES.



Prepared For:	Northland Enterprises, LLC ONE CITY CENTER PORTLAND, MAINE
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Architect:	 48 Union Wharf Portland, Maine 04101 (207) 772-6022 Fax (207) 772-4056
Project:	CENTURY TIRE 815 MARGINAL WAY PORTLAND, MAINE
Revisions:	Issued for Permit 03/16/15
Date:	16 Mar 15
Scale:	1/8" = 1'-0"
BUILDING A ROOF FRAMING PLAN	
S2.0	



WAREHOUSE FOUNDATION PLAN

1/8"=1'-0"

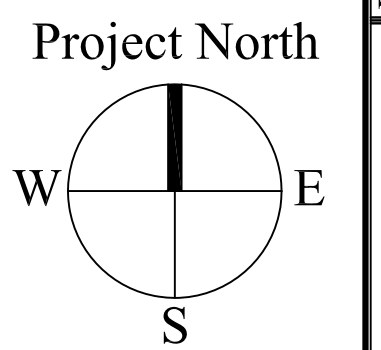
THE EXISTING FOUNDATION IS TO REMAIN AND BE REUSED. NOTIFY ENGINEER IF ANY ADVERSE FOUNDATION CONDITION IS UNCOVERED.

DIMENSIONS ARE APPROXIMATE AND MUST BE FIELD VERIFIED. THE NEW BUILDING IS TO BE CONSTRUCTED FOLLOWING THE PERIMETER OF THE EXISTING BUILDING.

FIELD VERIFY ALL EXISTING FOUNDATION DIMENSIONS AND TOP OF CONCRETE ELEVATIONS.

TOP OF NEW SLAB ELEV TO MATCH TOP OF EXIST. SLAB ELEV.

SLAB-ON-GRADE IS 5" THICK WITH 6x6-W2.9xW2.9 W/F LOCATED 1 1/2" FROM THE TOP BEARING ON A 10 MIL POLY VAPOR BARRIER OVERLYING 8" OF COMPACTED STRUCTURAL FILL.



S1.2

Date: 16 Mar 15
Scale: 1/8" = 1'-0"
Warehouse Foundation Plan

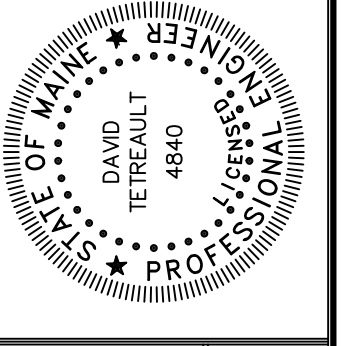
Revisions:
Issued for Permit 03/16/15

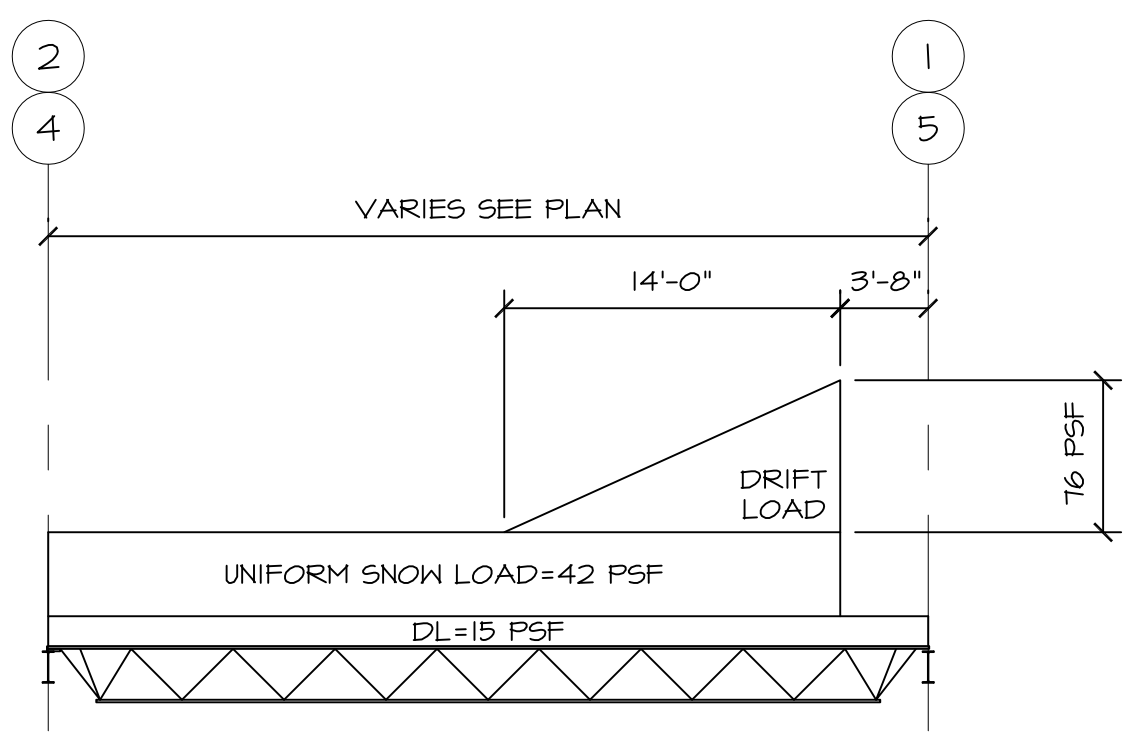
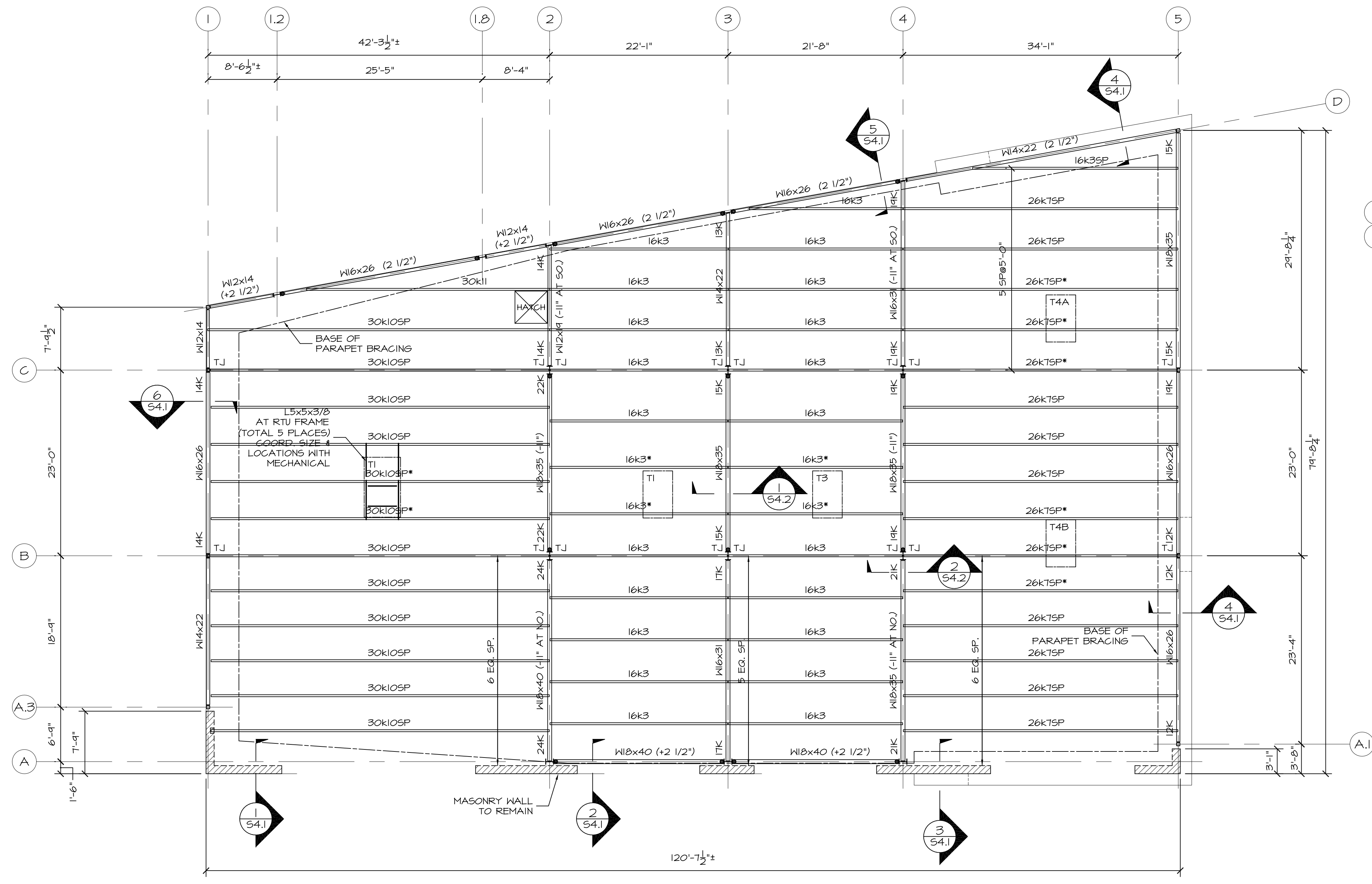
Project:
CENTURY TIRE
815 MARGINAL WAY
PORTLAND, MAINE

Architect:
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a r c h i t e c t s
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Structural Engineer:
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Prepared For:
Northland Enterprises, LLC
ONE CITY CENTER
PORTLAND, MAINE

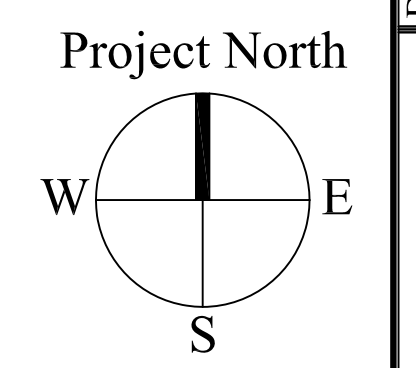




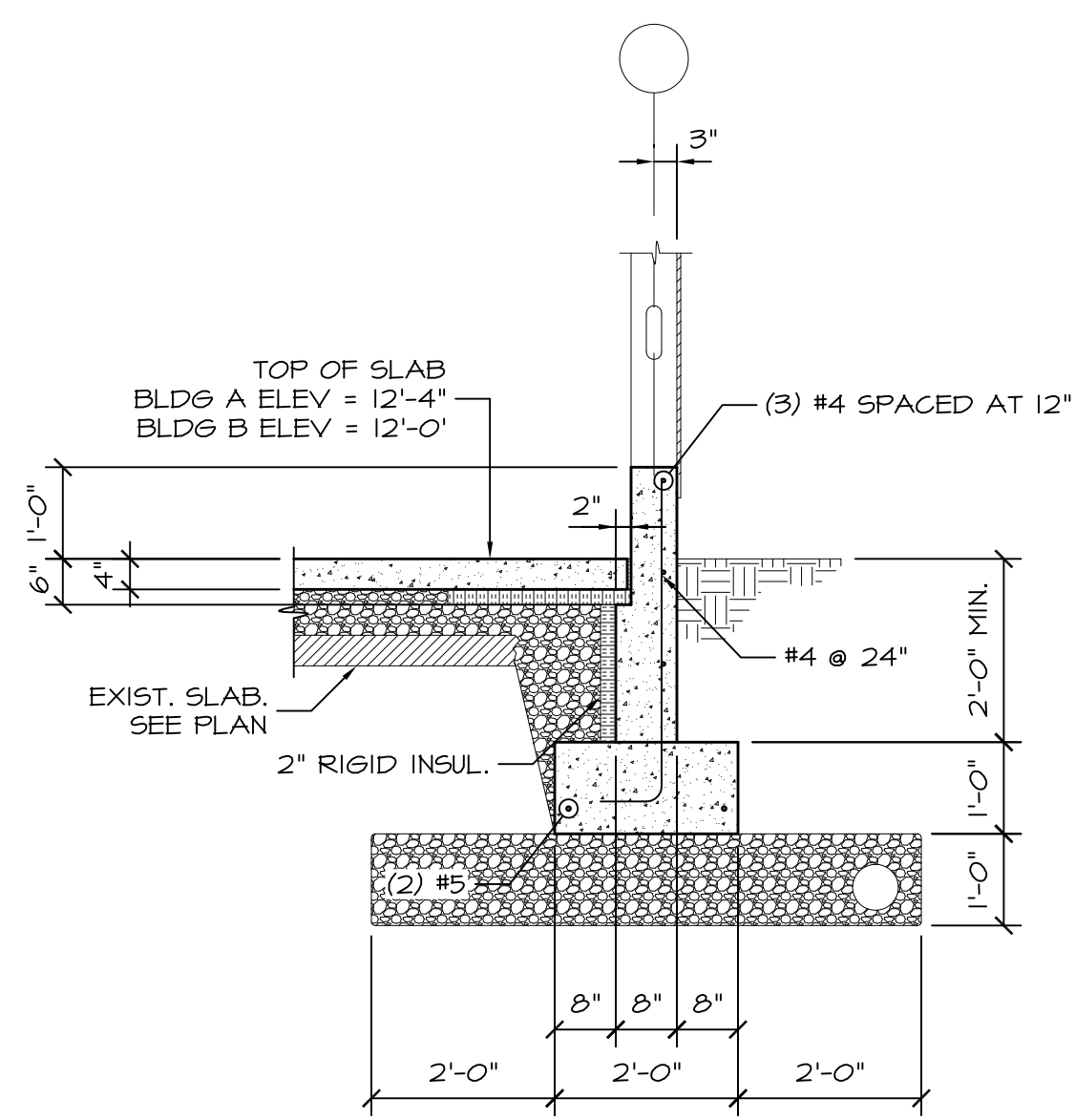
STEEL JOIST DESIGN LOADS
 JOISTS DESIGNATED SP* SHALL BE DESIGNED FOR FOR LOADINGS SHOWN ABOVE CONCURRENTLY WITH (2) 500 LB POINT LOADS SPACED 48" APART LOCATED ANYWHERE WITHIN MID-THIRD OF THE JOIST SPAN.

BUILDING B ROOF FRAMING PLAN

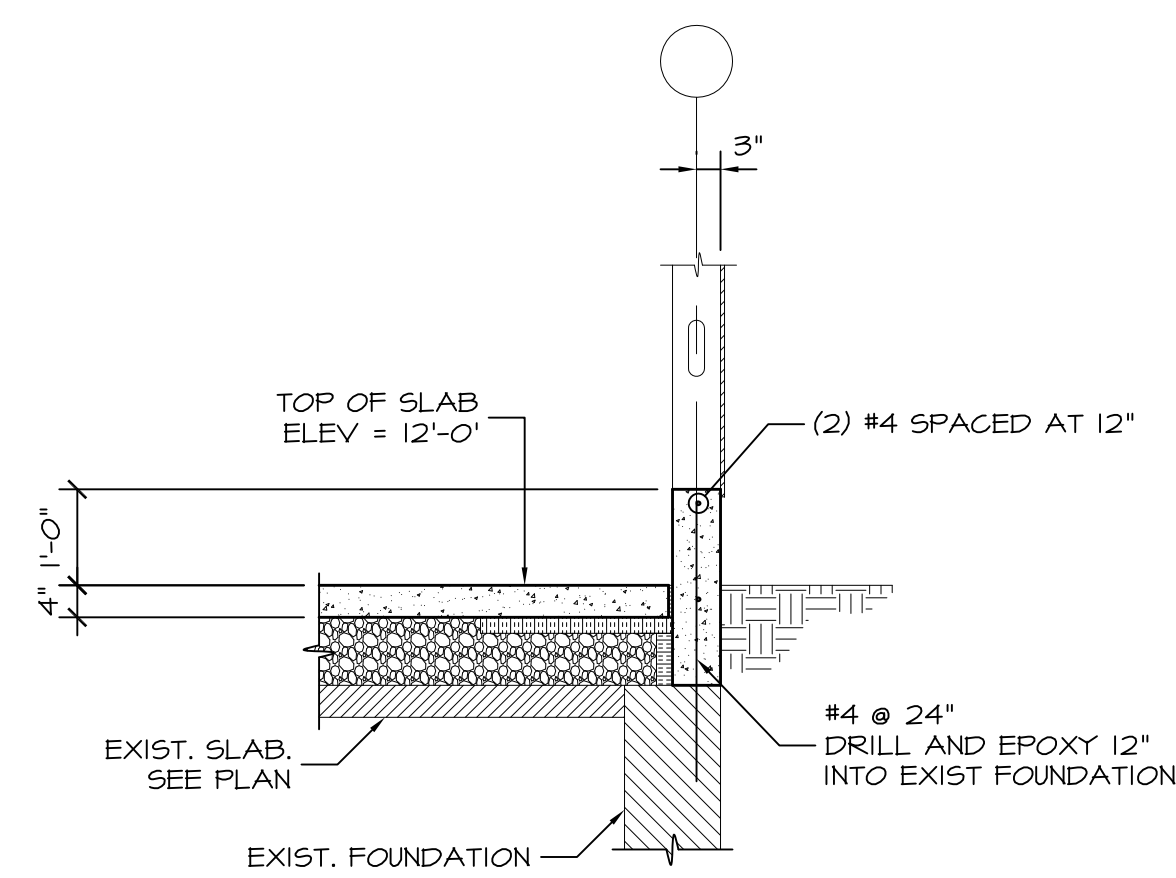
1/8"=1'-0"
 TOP OF STEEL ELEVATION = 26'-5 1/2" UNLESS NOTED (4X).
 STEEL BEAMS THAT ARE PARALLEL TO STEEL JOISTS NOTED (+2 1/2") MATCH SLOPE OF ADJACENT JOISTS.
 SPACE JOISTS EVENLY IN BAYS UNLESS NOTED.
 PROVIDE AND INSTALL BRIDGING PER SJI REQUIREMENTS AND RECOMMENDATIONS.
 ALL SHEAR CONNECTIONS ARE TO BE DESIGNED FOR A 9k REACTION UNLESS NOTED X.
 • INDICATES MOMENT CONNECTION. SEE SHEET S0.1
 ROOF DECK IS 20 GAGE, 1 1/2" TYPE B, PAINTED STEEL DECK. FASTEN DECK USING 5/8"Ø PUDDLE WELDS IN 36/3 PATTERN WITH (1) #10 TEK SIDELAP FASTENER.
 SEE S0.1 FOR COLUMN AND LOOSE LINTEL SCHEDULES.



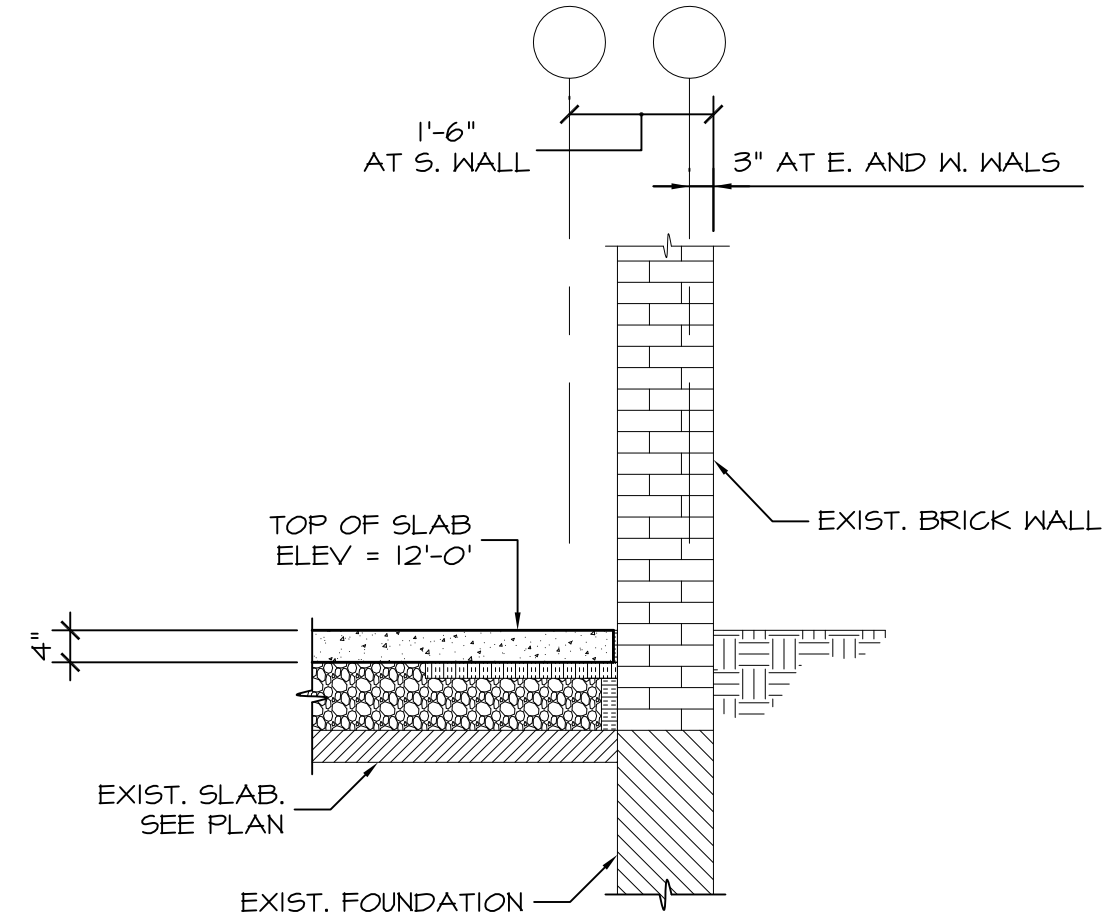
Prepared For:	Northland Enterprises, LLC ONE CITY CENTER PORTLAND, MAINE								
Structural Engineer:	 22 Oakmont Drive Old Orchard Beach, ME 04064-1121 Tel: 207-854-8038 Fax: 207-854-8039								
Architect:	 48 Union Wharf Portland, Maine 04101 (207) 772-6022 Fax (207) 772-4056								
Project:	CENTURY TIRE 815 MARGINAL WAY PORTLAND, MAINE								
Revisions:	<table border="1"> <tr> <th>Issued for Permit</th> <th>03/16/15</th> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	Issued for Permit	03/16/15						
Issued for Permit	03/16/15								
Date:	16 Mar 15								
Scale:	1/8" = 1'-0"								
BUILDING B ROOF FRAMING PLAN									
S2.1									



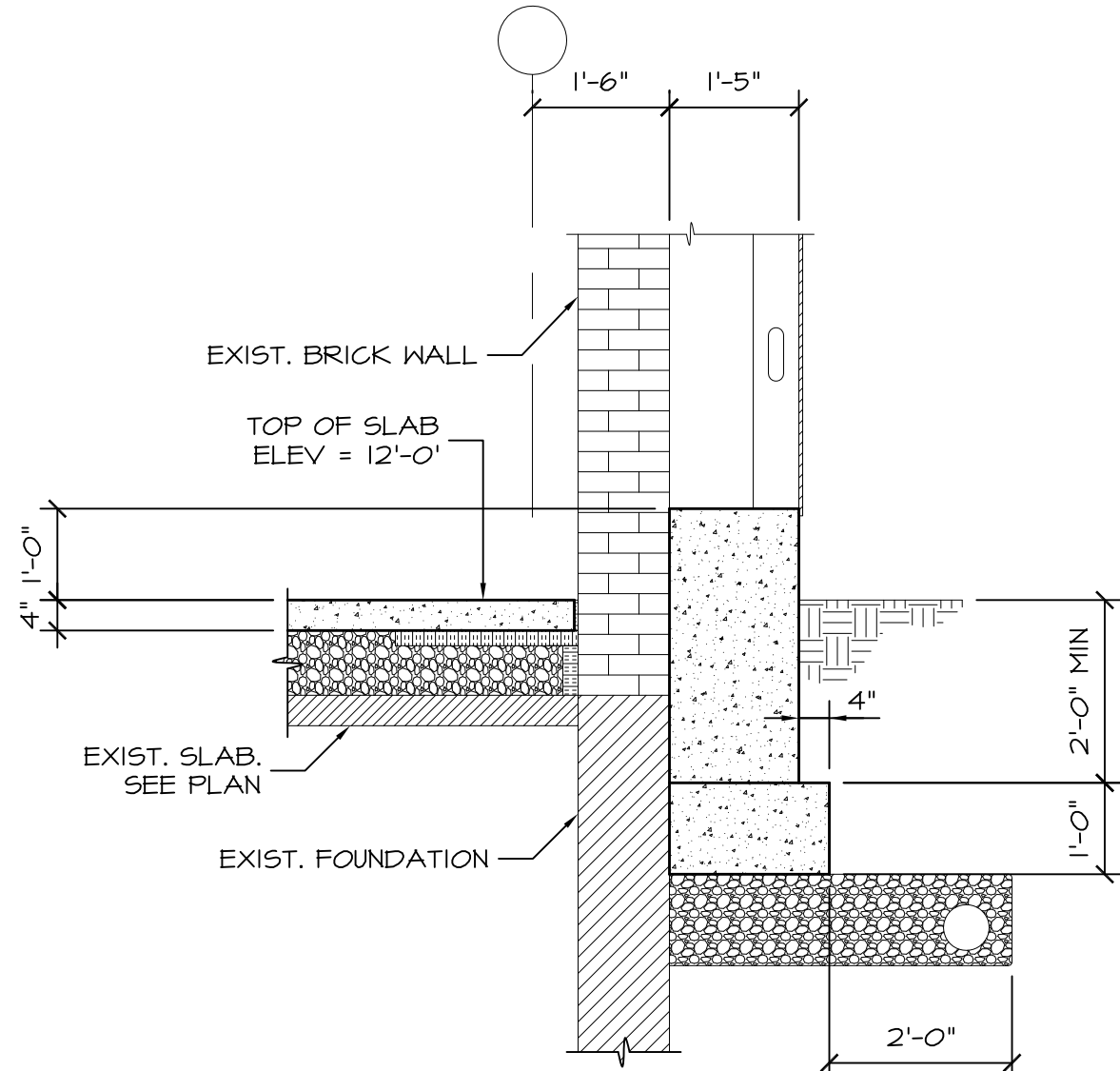
SECTION 1
1/2"=1'-0" S1.0
S1.1



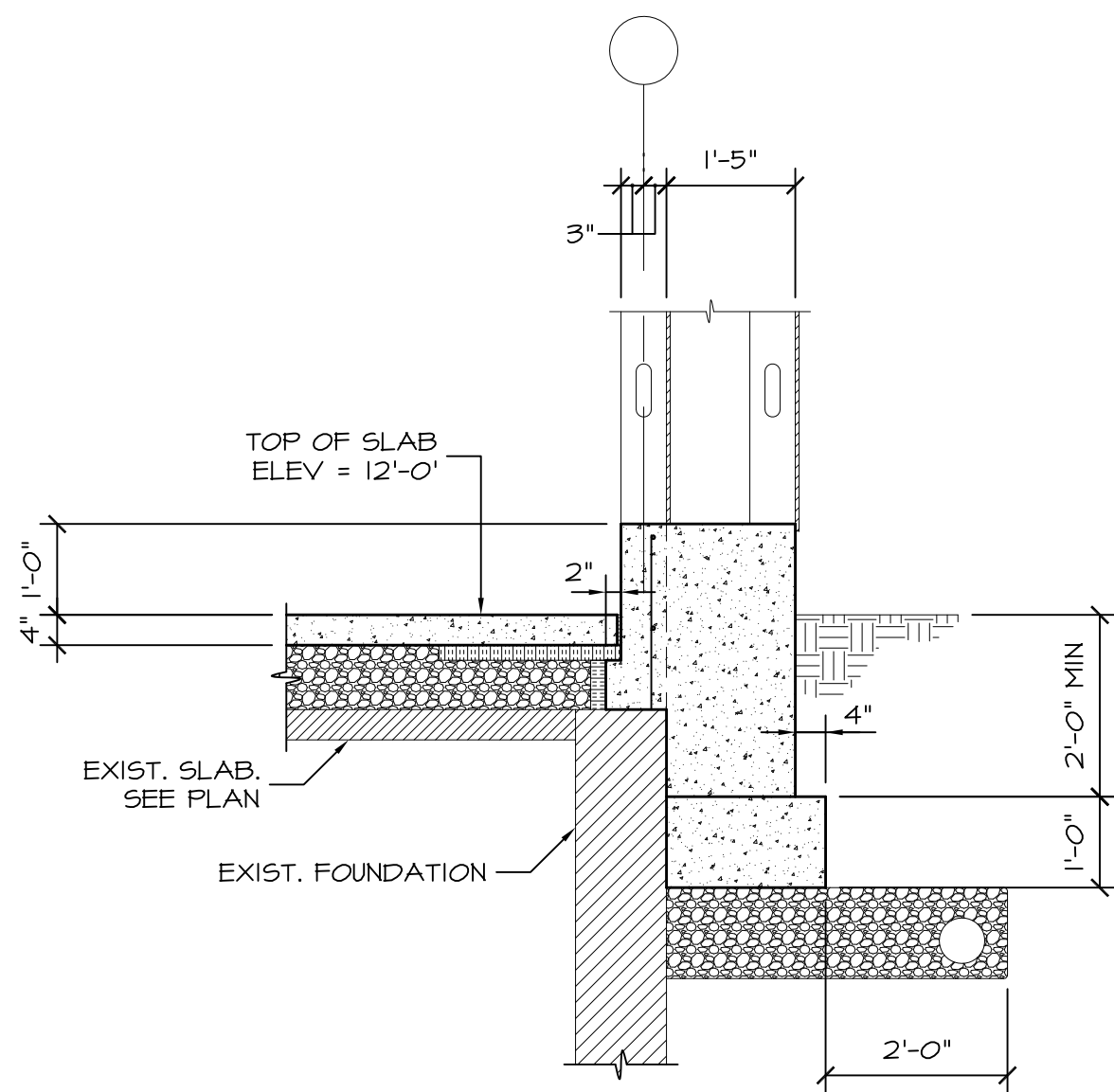
SECTION 2
1/2"=1'-0" S1.1



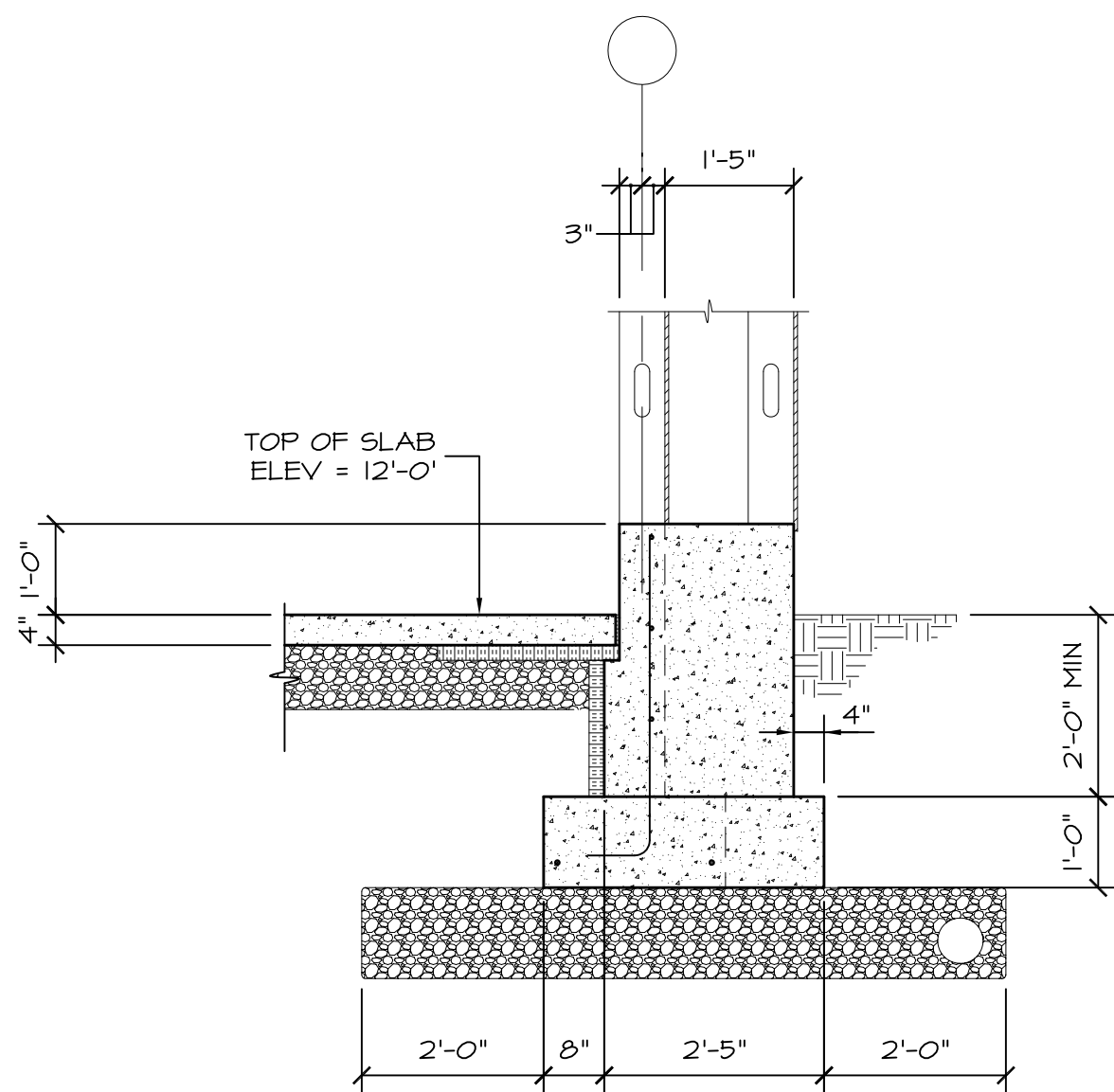
SECTION 3
1/2"=1'-0" S1.1



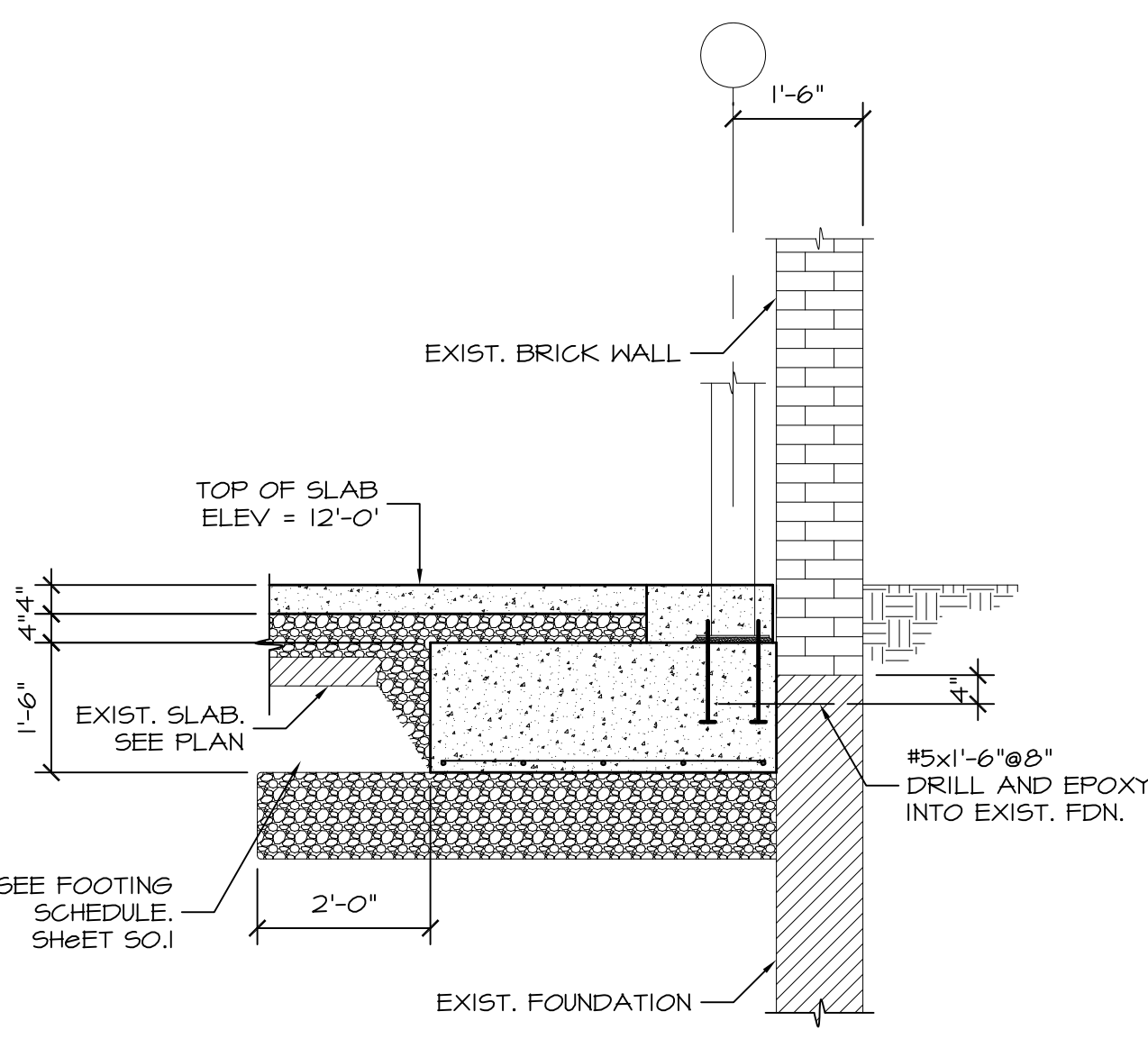
SECTION 4
1/2"=1'-0" S1.1



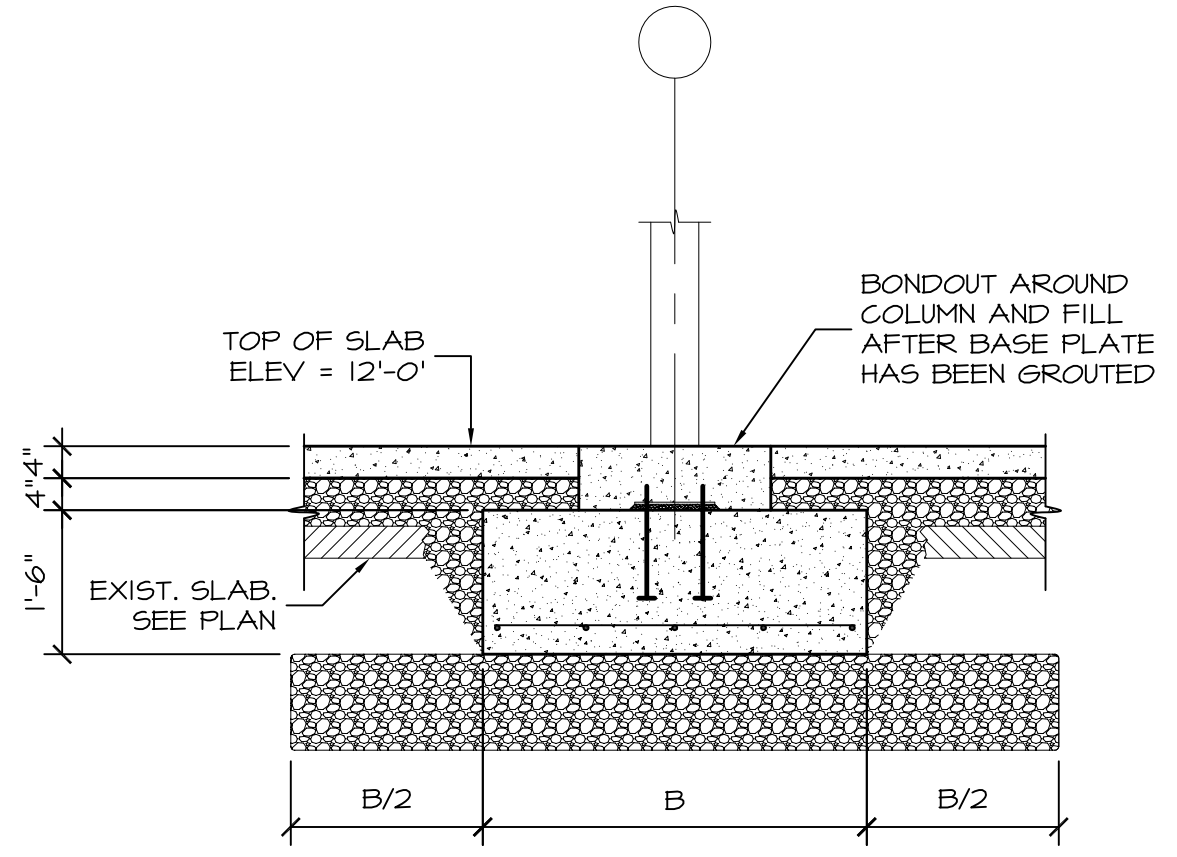
SECTION 5
1/2"=1'-0" S1.1



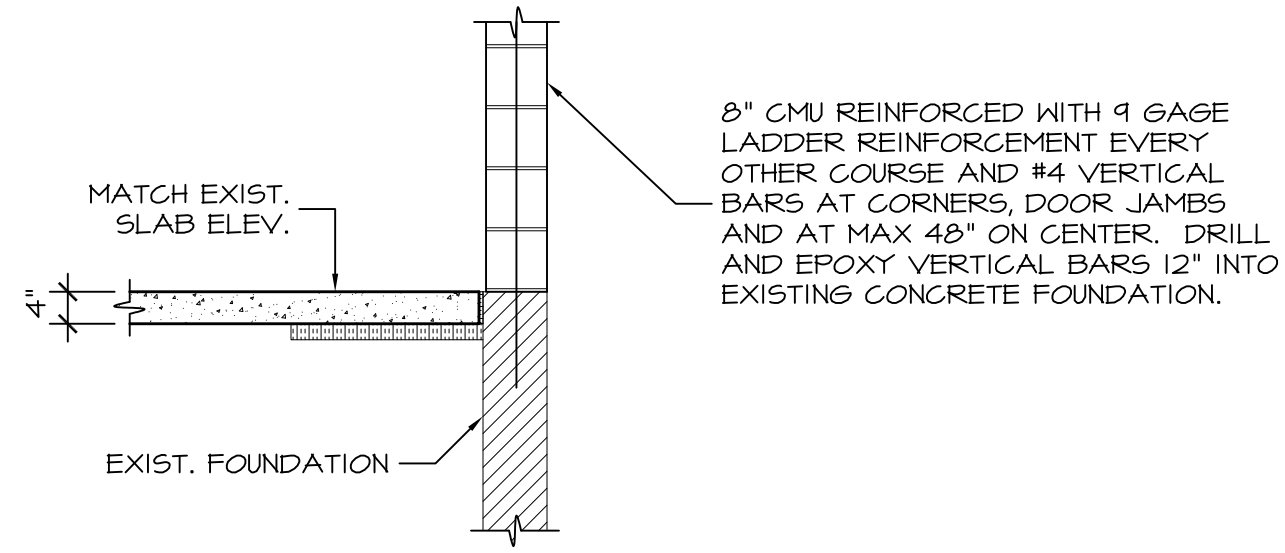
SECTION 6
1/2"=1'-0" S1.1



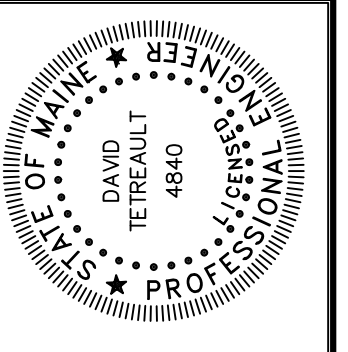
SECTION 7
1/2"=1'-0" S1.1



SECTION 8
1/2"=1'-0" S1.1



SECTION 9
1/2"=1'-0" S1.2



Prepared For:
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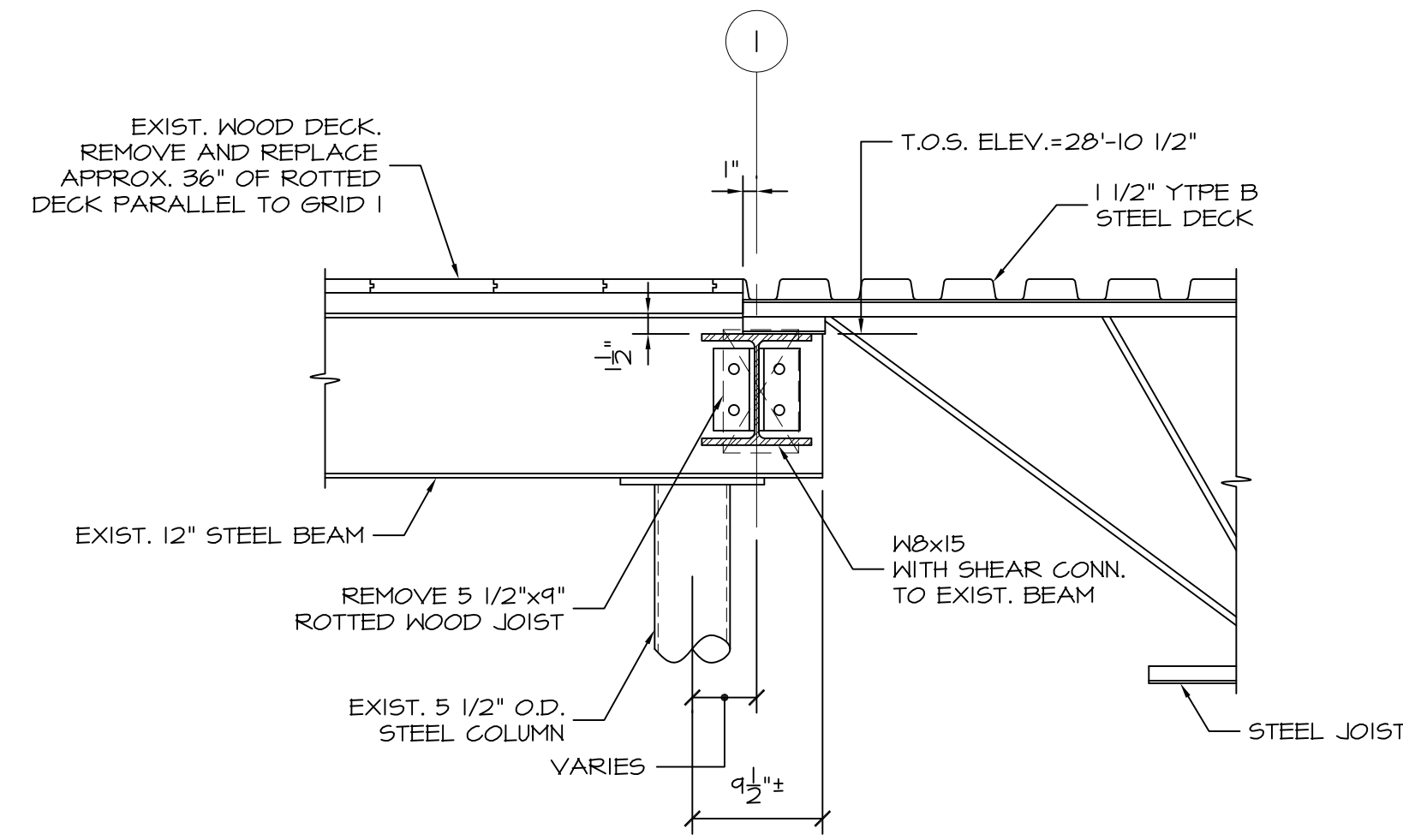
Architect:
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Project:
CENTURY TIRE
815 MARGINAL WAY
PORTLAND, MAINE

Revisions:	03/16/15
Issued for Permit	

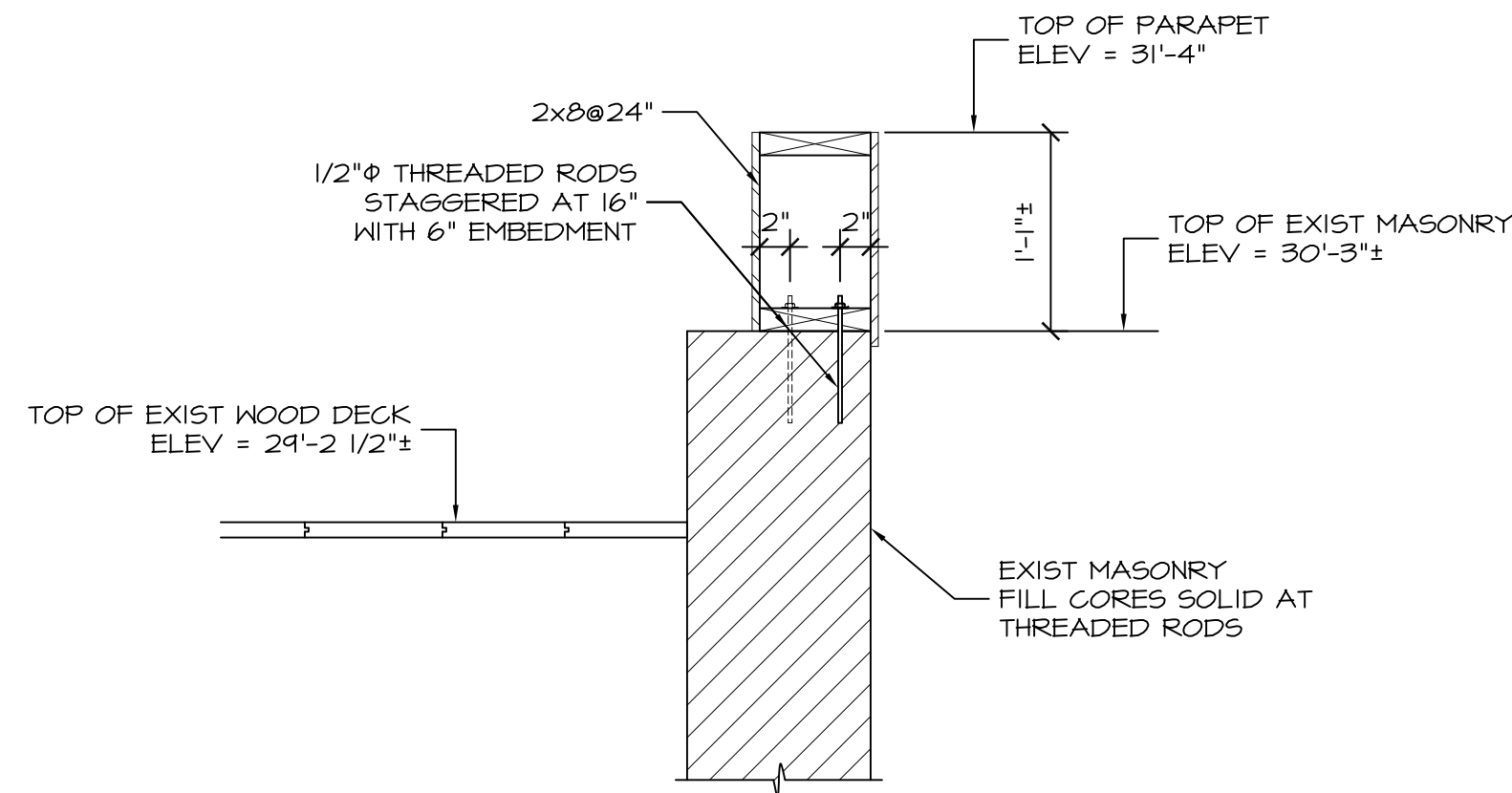
Date: 16 Mar 15
Scale: As Noted
FOUNDATION SECTIONS

S3.0

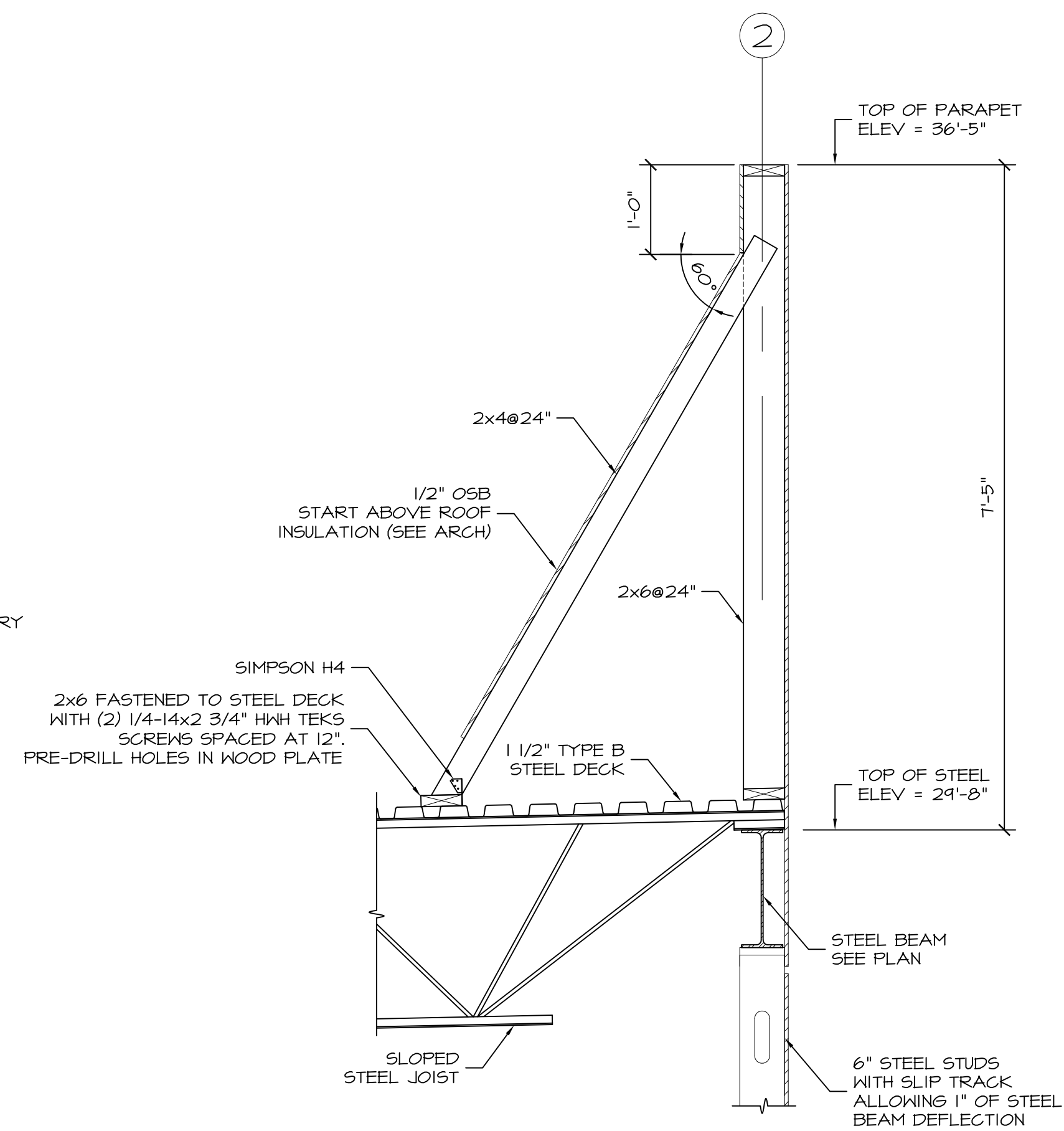


SECTION 1
1"=1'-0" S2.0

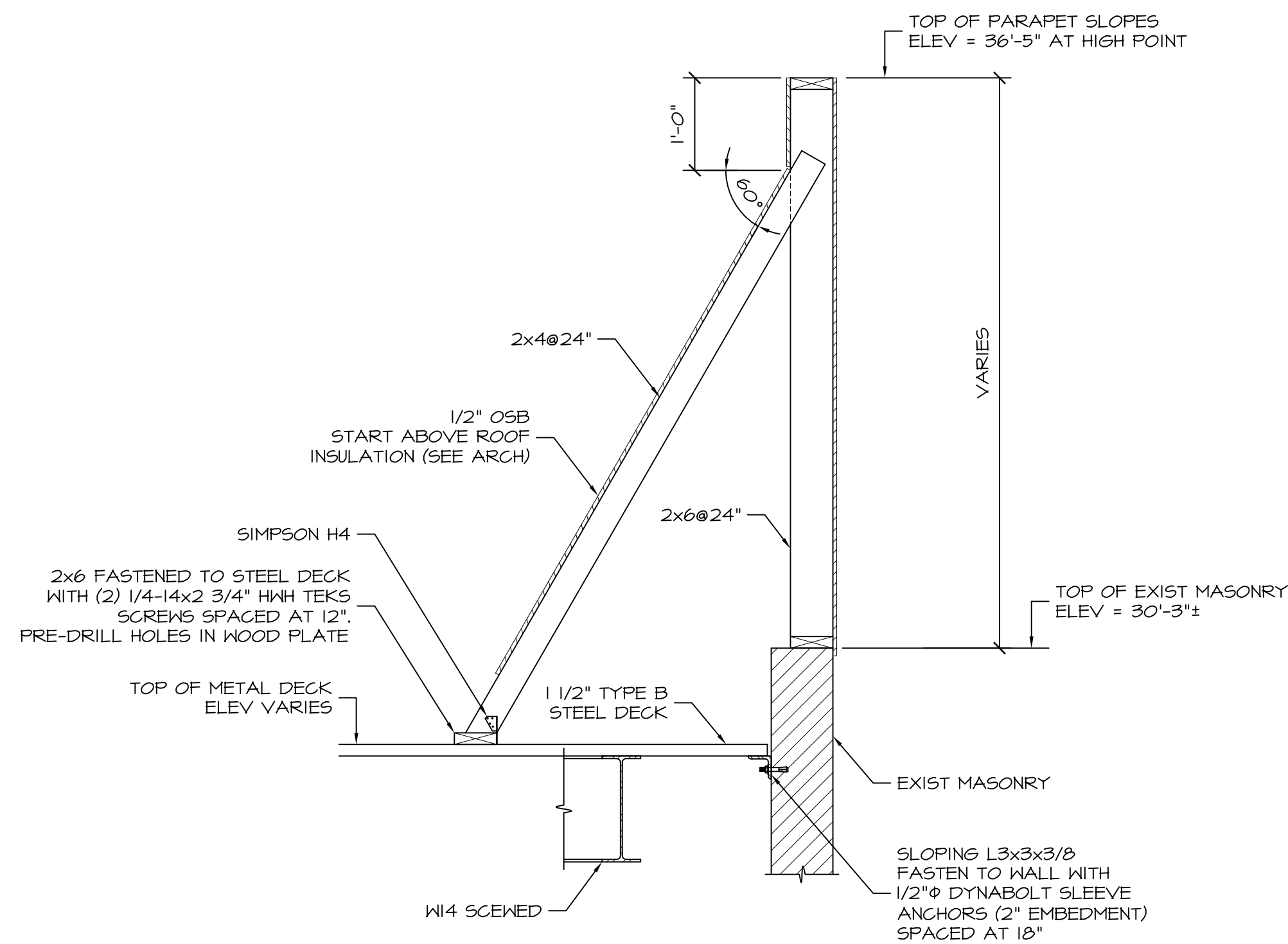
W8x15 SHEAR CONNECTION SHALL BE DESIGNED FOR THE FOLLOWING UNFACTORED LOADS:
DEAD LOAD = 1.7k
SNOW LOAD = 4.8k



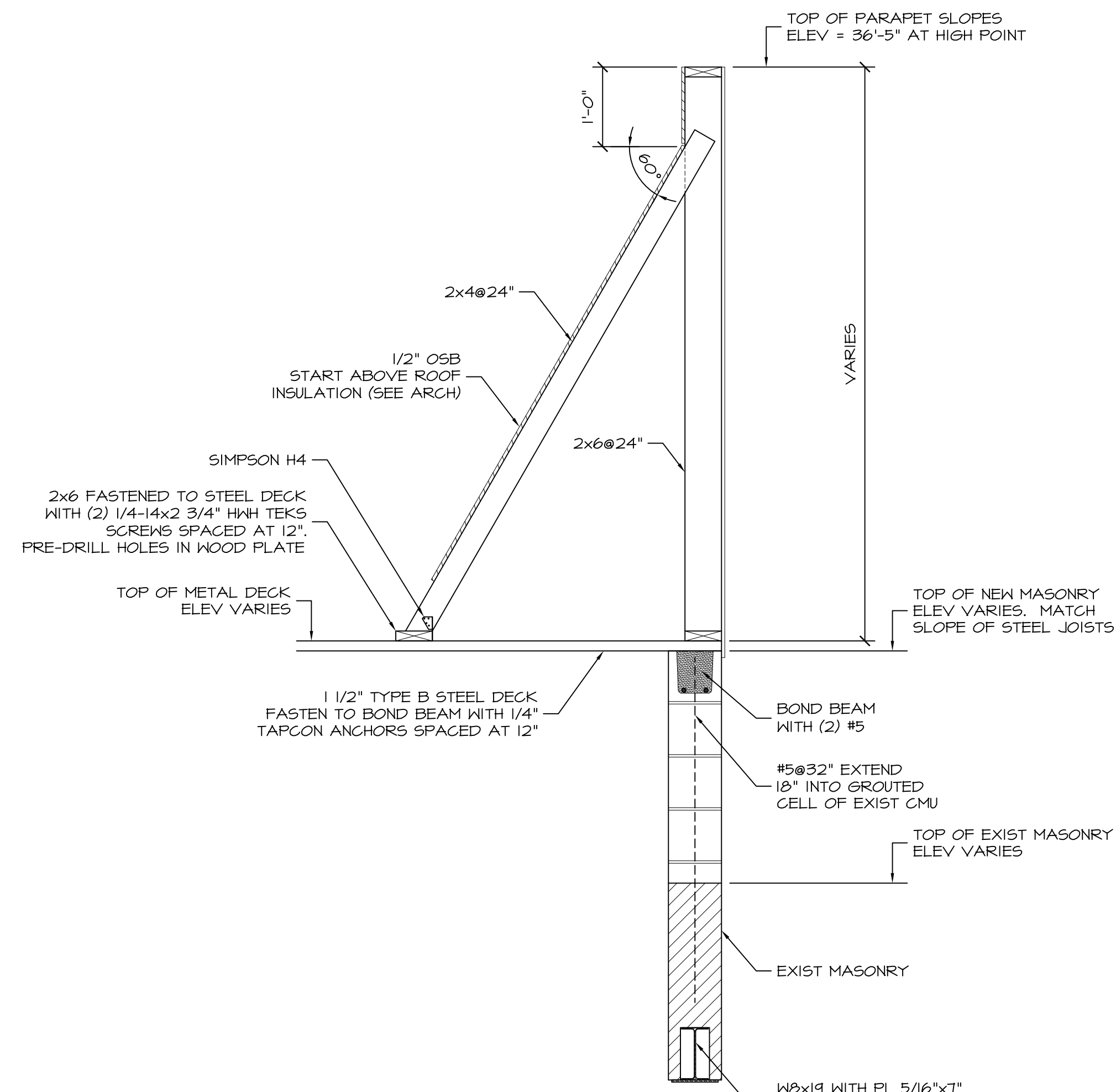
SECTION 2
1"=1'-0" S2.0



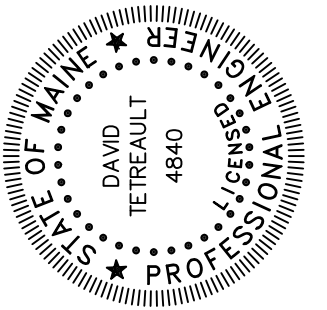
SECTION 3
3/4"=1'-0" S2.0



SECTION 4
3/4"=1'-0" S2.0



SECTION 5
3/4"=1'-0" S2.0



Prepared For:
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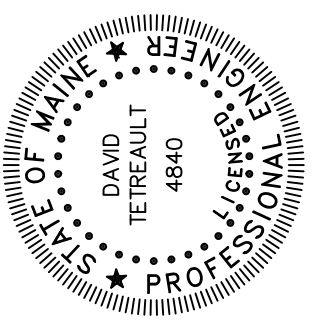
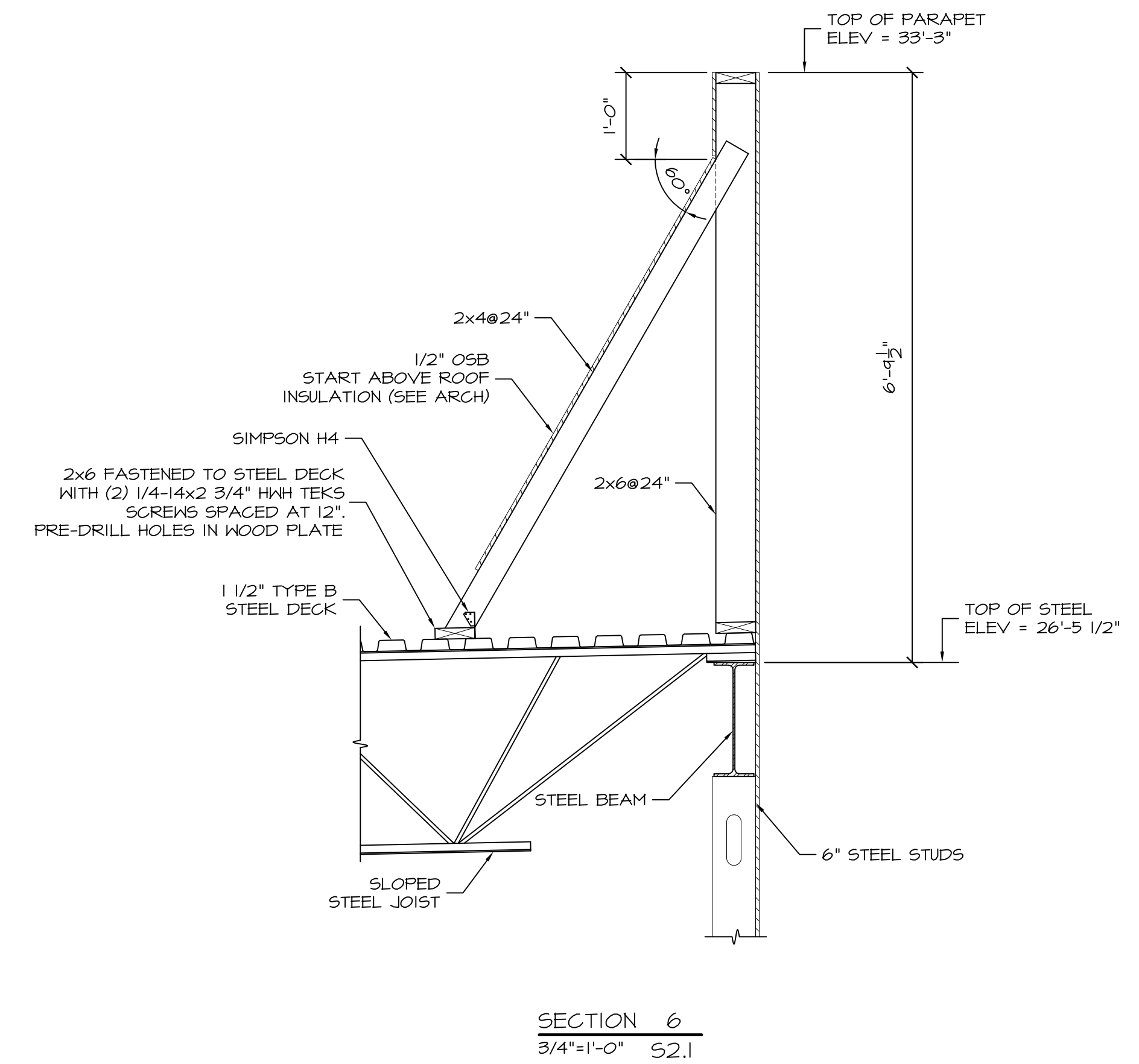
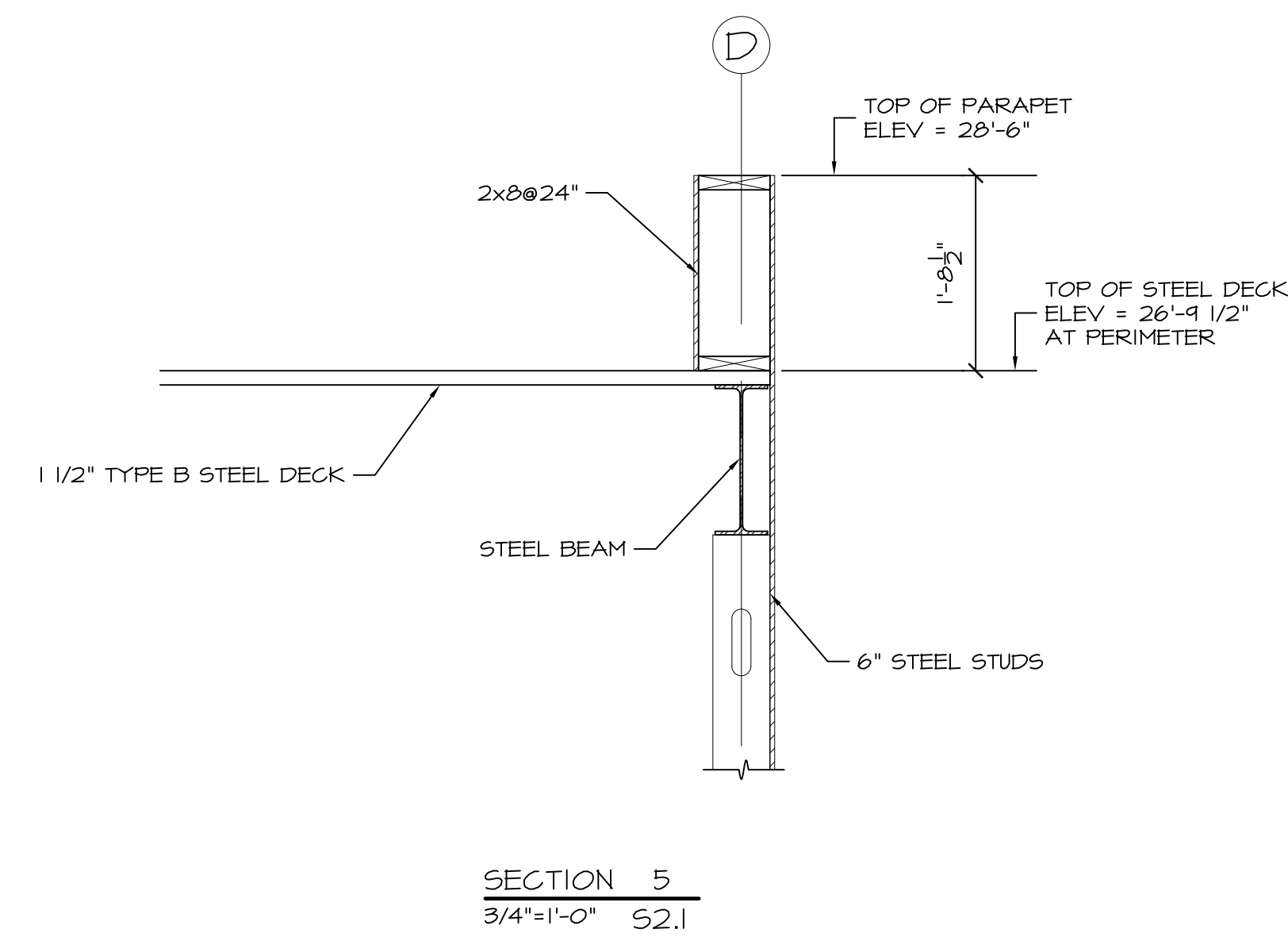
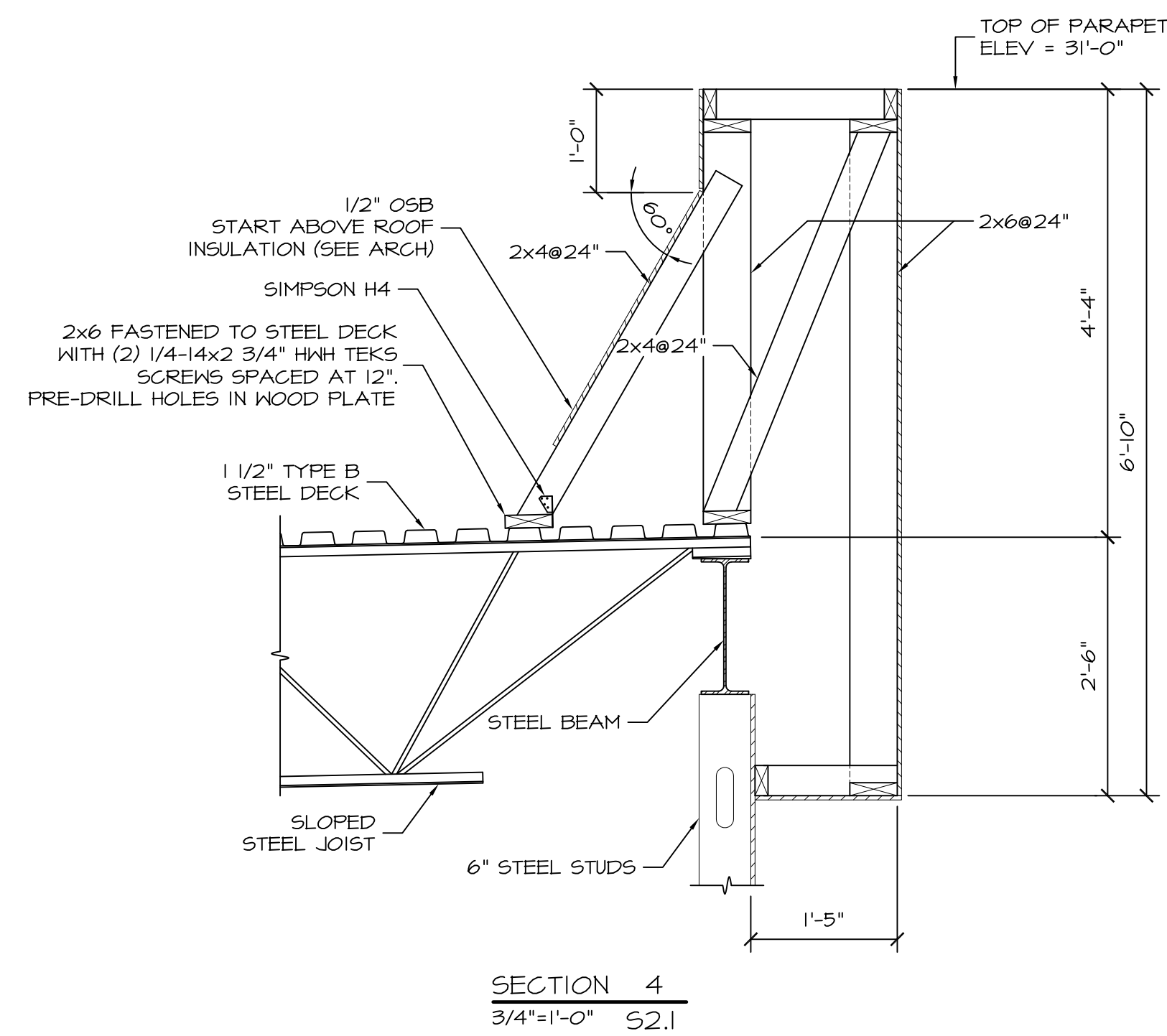
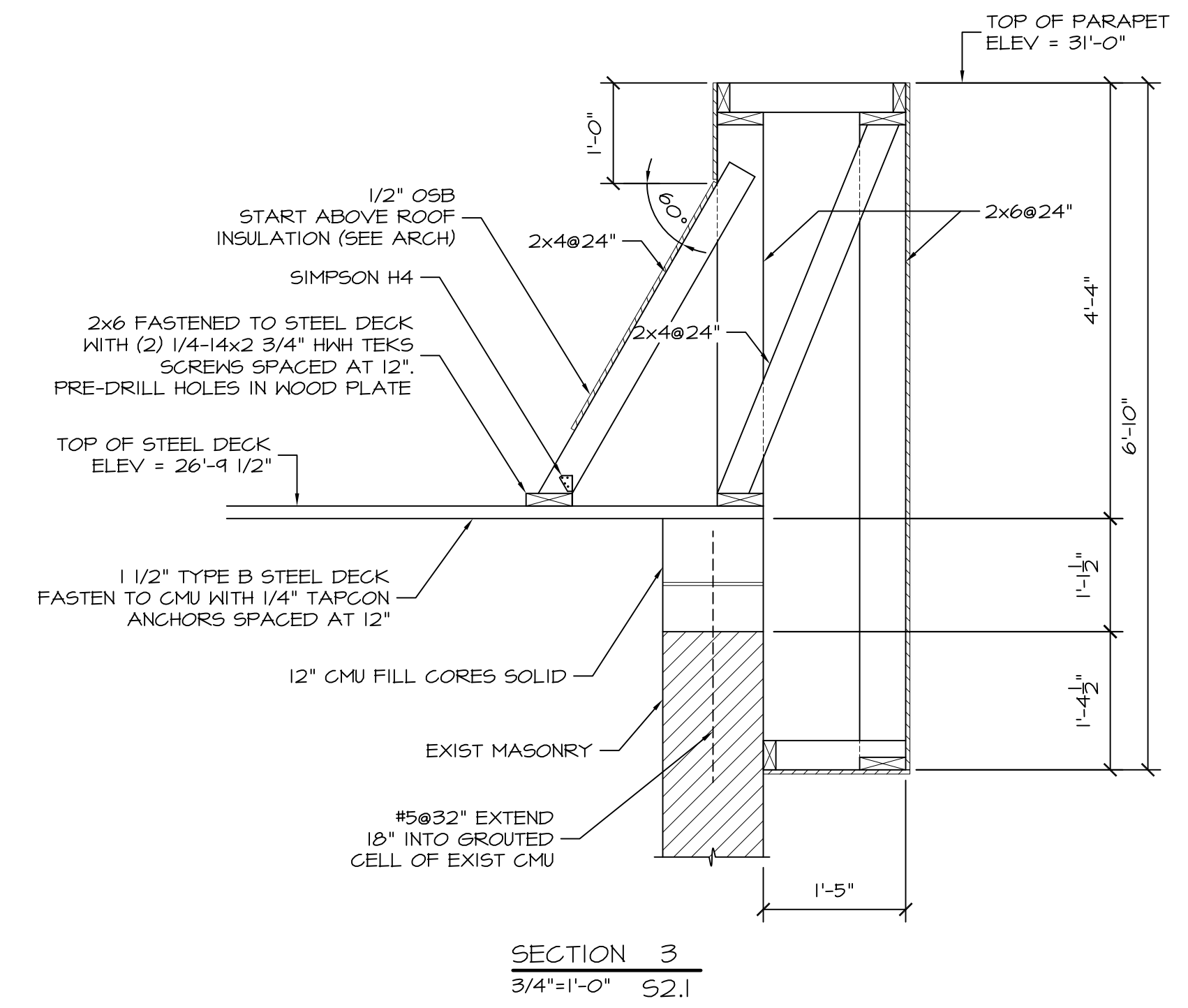
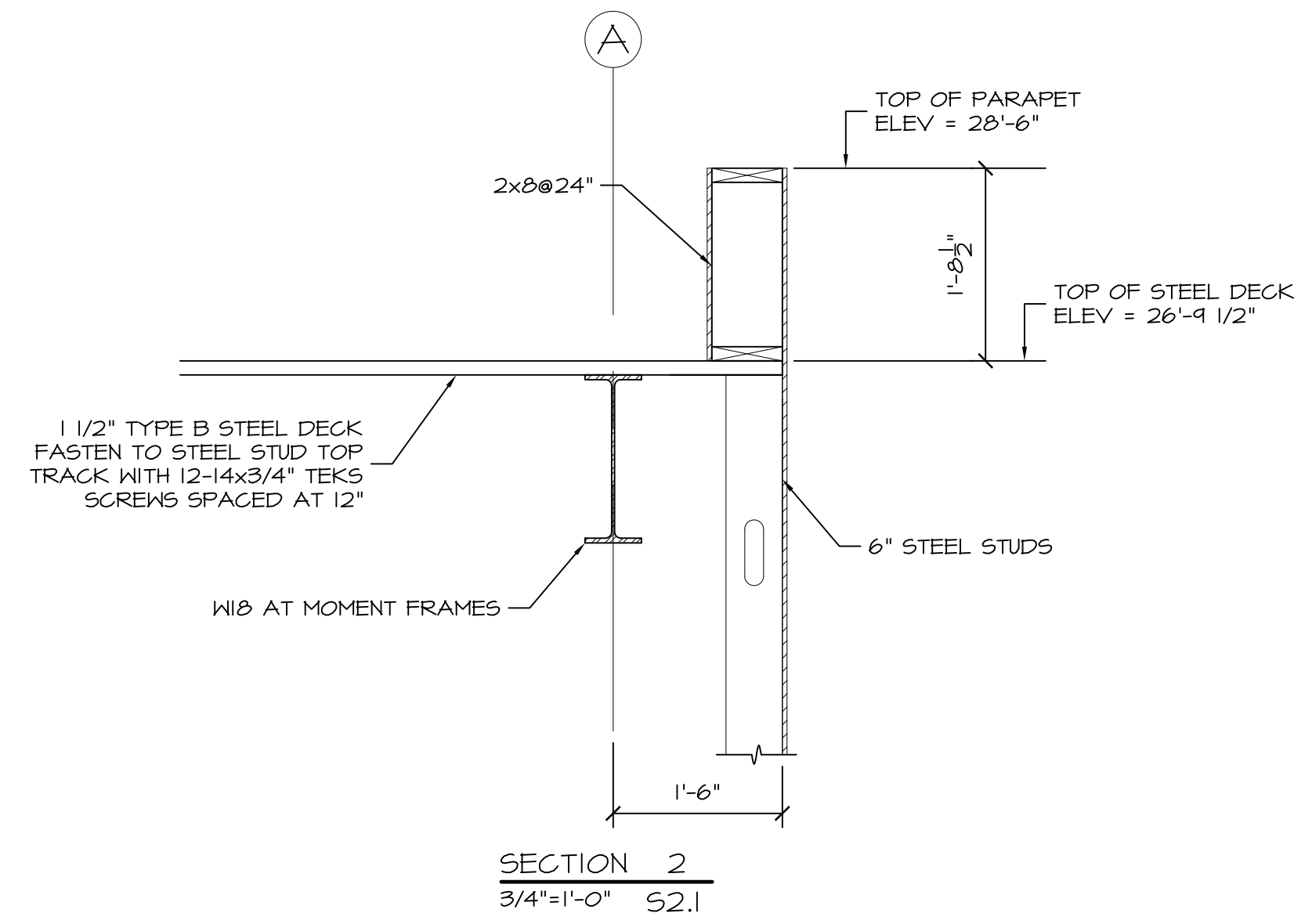
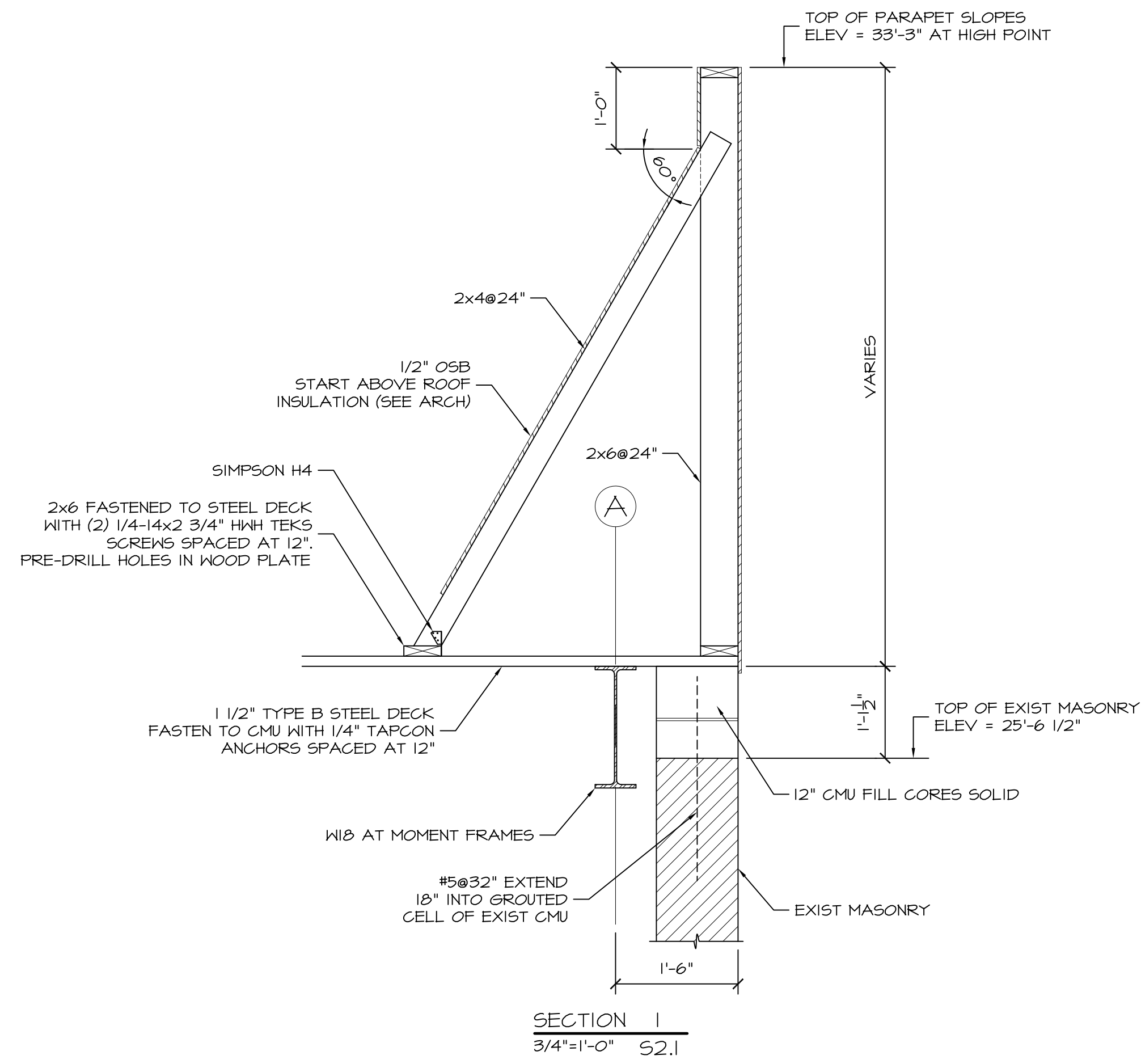
Architect:
ARCHETYPE architects
48 Union Wharf Portland, Maine 04101
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Project:
CENTURY TIRE
815 MARGINAL WAY
PORTLAND, MAINE

Revisions:
Issued for Permit 03/16/15

Date: 16 Mar 15
Scale: As Noted
FRAMING SECTIONS

S4.0



Prepared For:
Northland Enterprises, LLC
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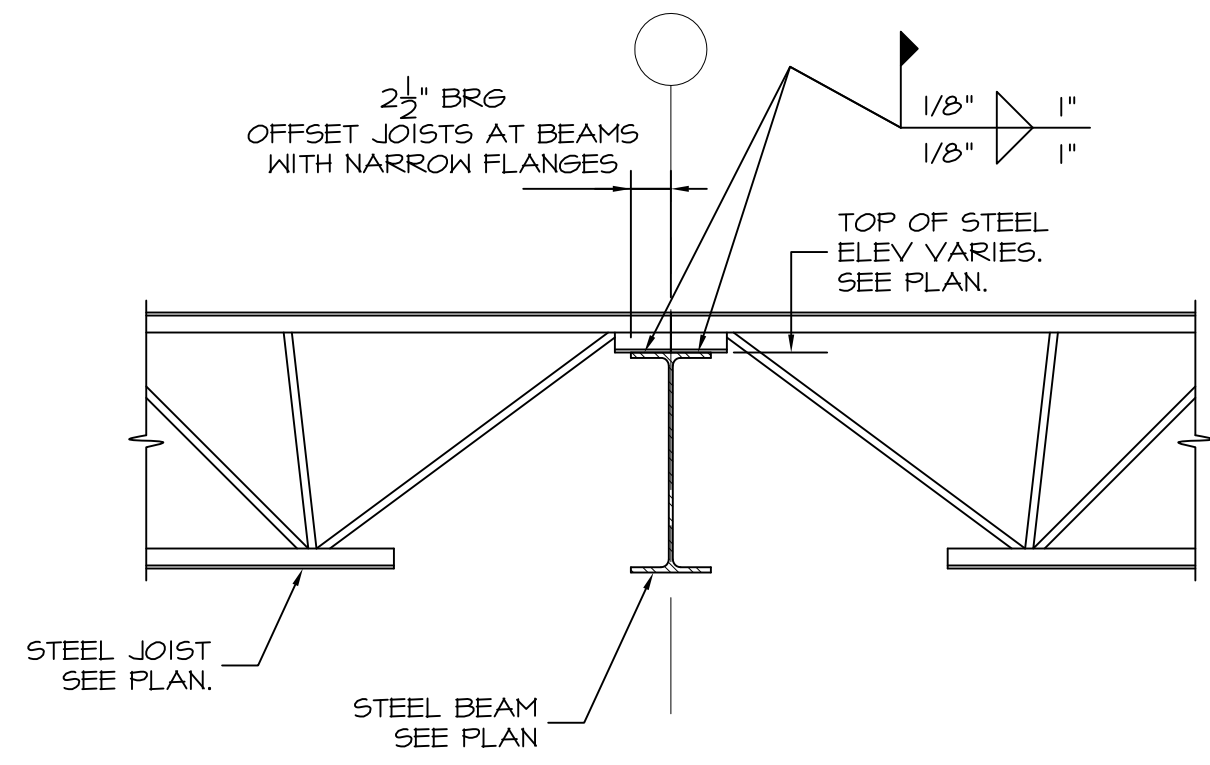
Architect:
ARCHETYPE architects
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Project:
CENTURY TIRE
815 MARGINAL WAY
PORTLAND, MAINE

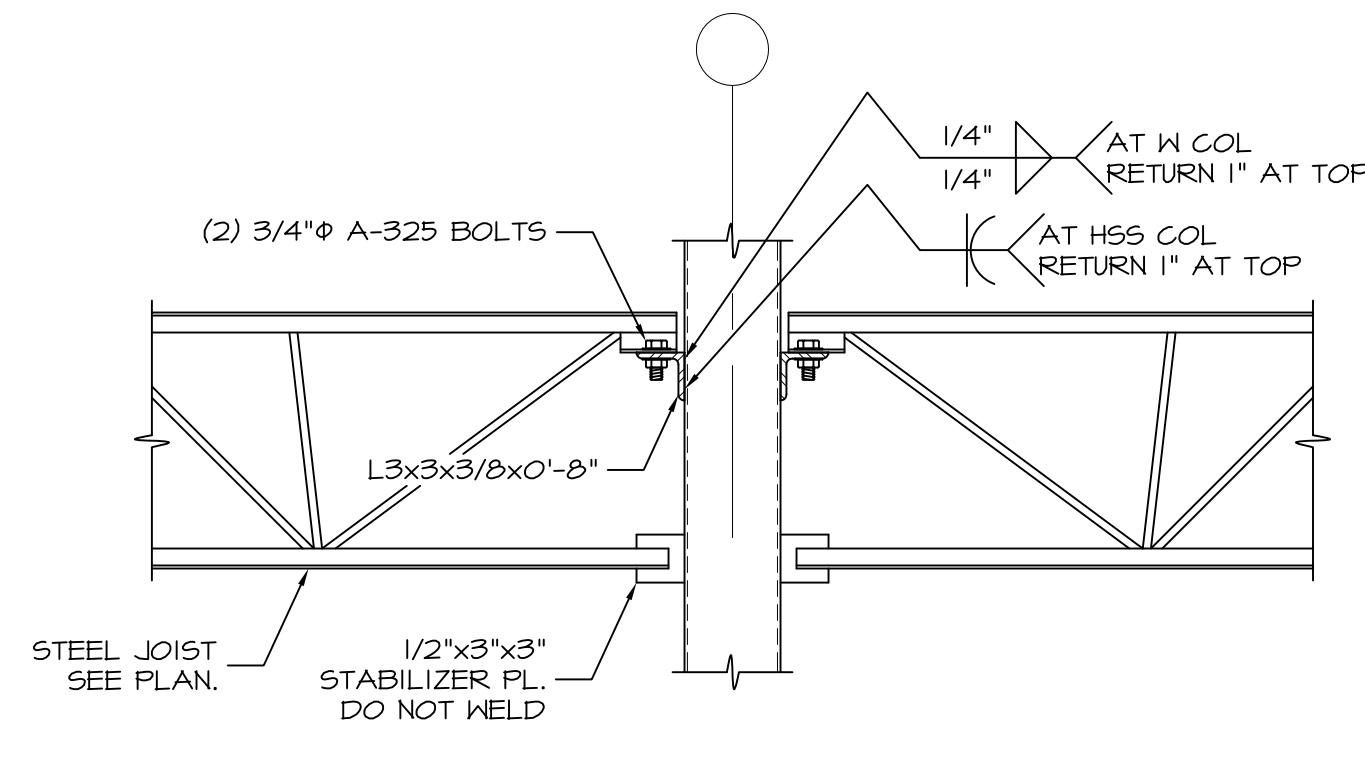
Revisions:	03/16/15
Issued for Permit	

Date: 16 Mar 15
Scale: As Noted
FRAMING SECTIONS

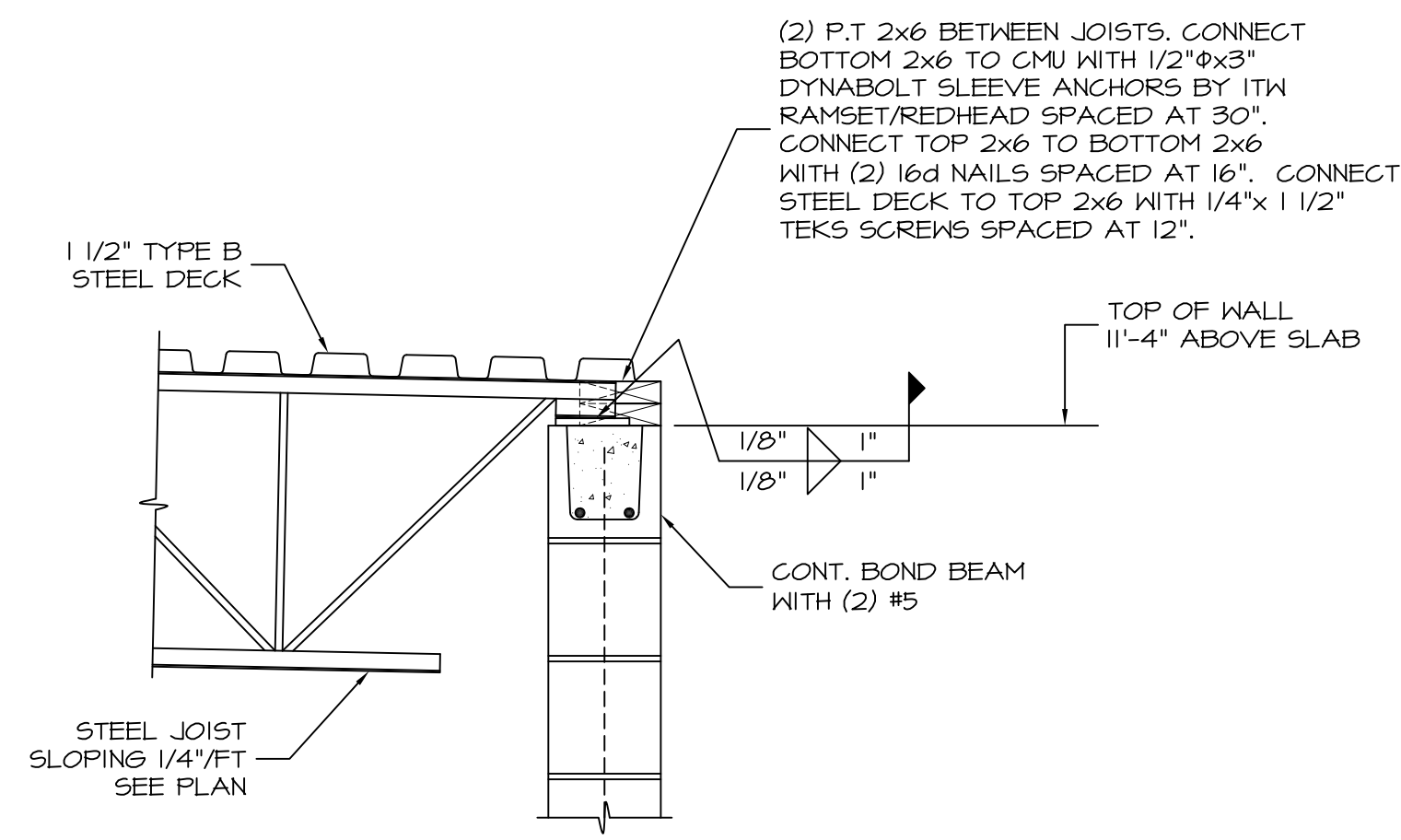
S4.1



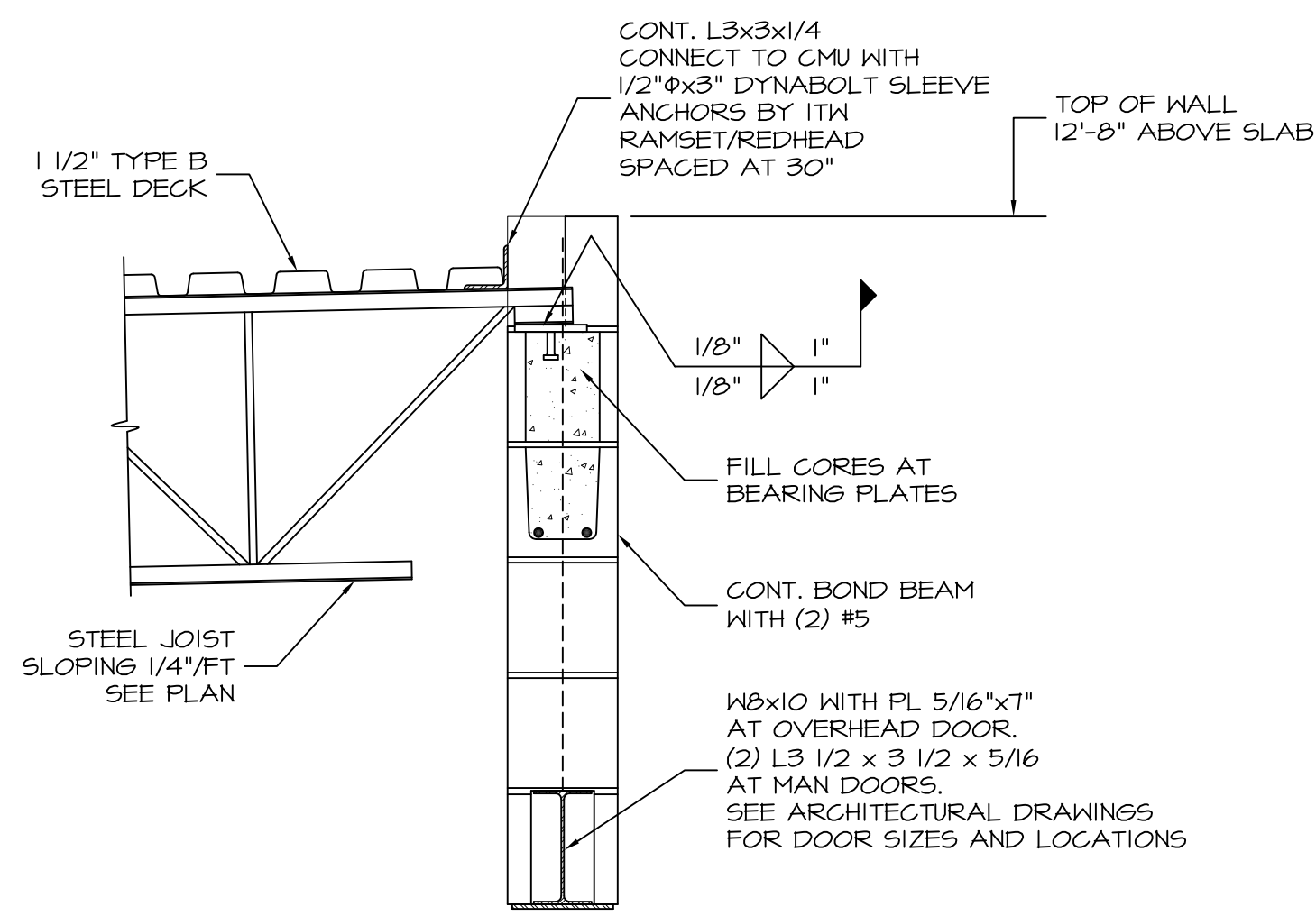
SECTION 1
1"=1'-0" S2.1



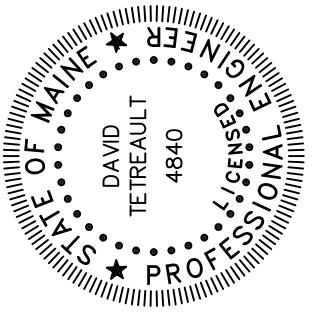
SECTION 2
1"=1'-0" S2.1



SECTION 3
1"=1'-0" S2.2
SEE S3.0 FOR CMU REINFORCING



SECTION 4
1"=1'-0" S2.2
SEE S3.0 FOR CMU REINFORCING



Prepared For:
Northland Enterprises, LLC
ONE CITY CENTER
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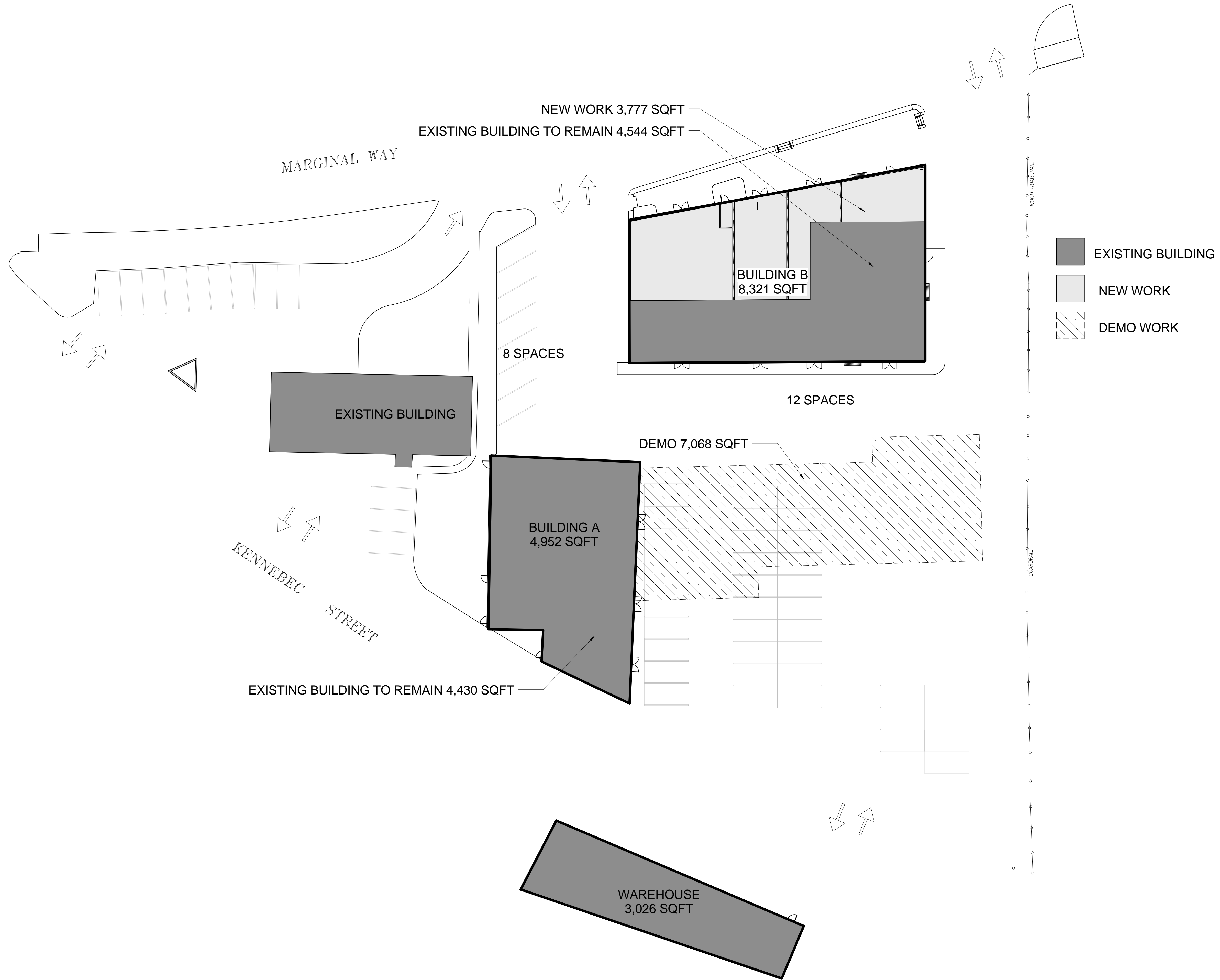
Project:
CENTURY TIRE
815 MARGINAL WAY
PORTLAND, MAINE

Revisions:	Issued for Permit	03/16/15

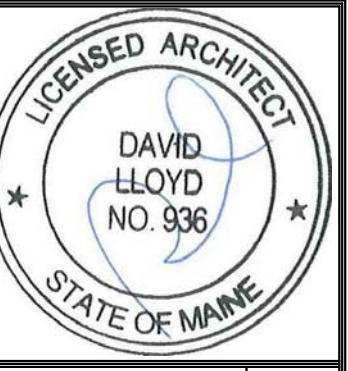
Date: 16 Mar 15
Scale: As Noted
FRAMING SECTIONS

S4.2

FOREST AVENUE



- EXISTING BUILDING
- NEW WORK
- DEMO WORK



Prepared For:

Consultant:

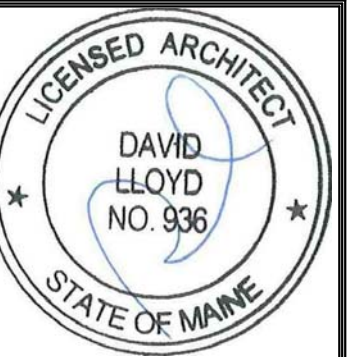
ARCHETYPE
architects
48 Union Wharf Portland, Maine 04101
(207) 772-6022 ARCHETYPE@ARCHETYPEPA.COM

Project: Century Tire

Revisions:

Date: 03-16-2015
Scale: 1" = 20'-0"
DEMO AND NEW WORK
SITE PLAN

A0.01



Prepared For:

Consultant:

ARCHETYPE architects
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Architect:

Project: **Century Tire**

Revisions:

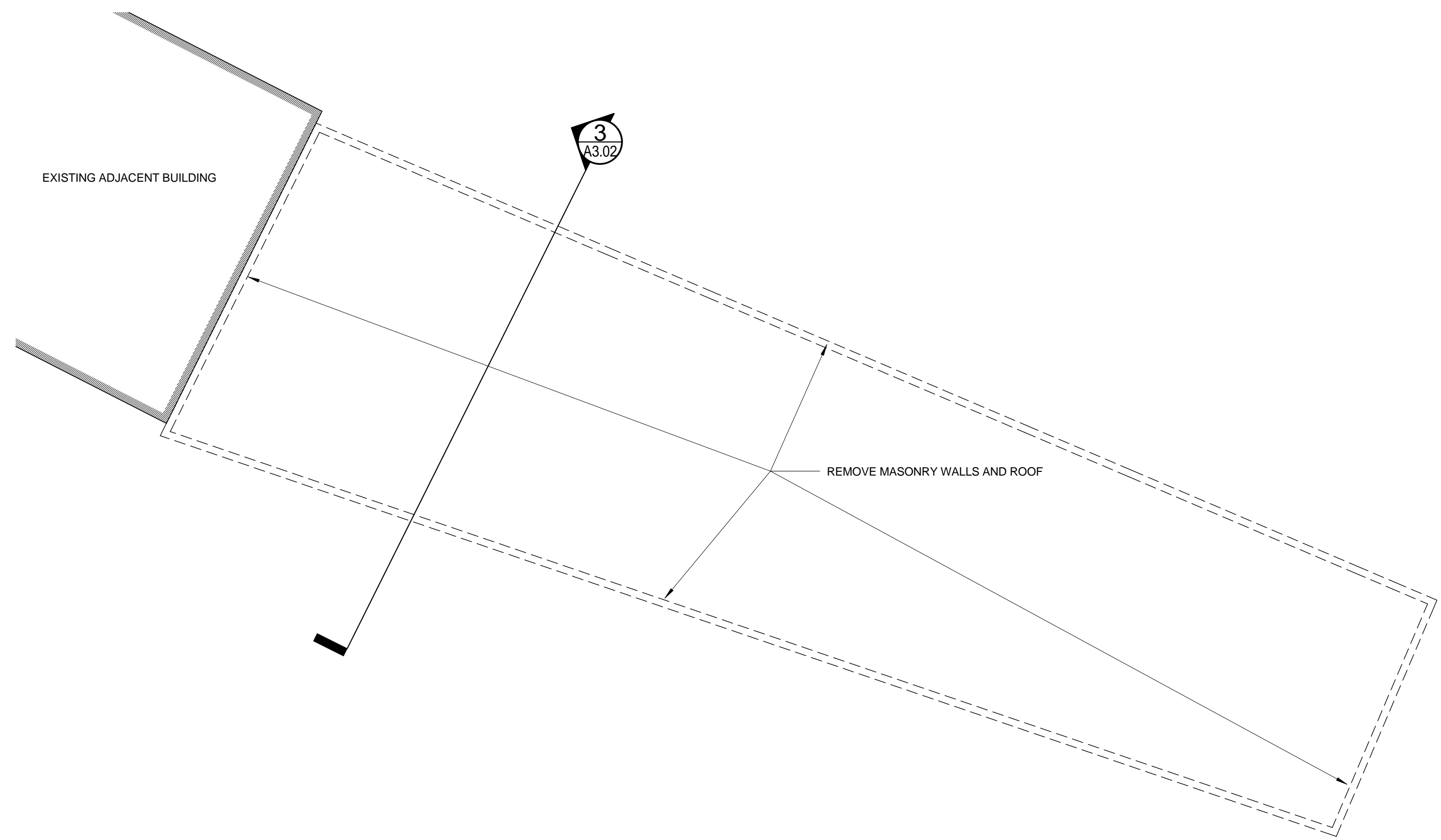
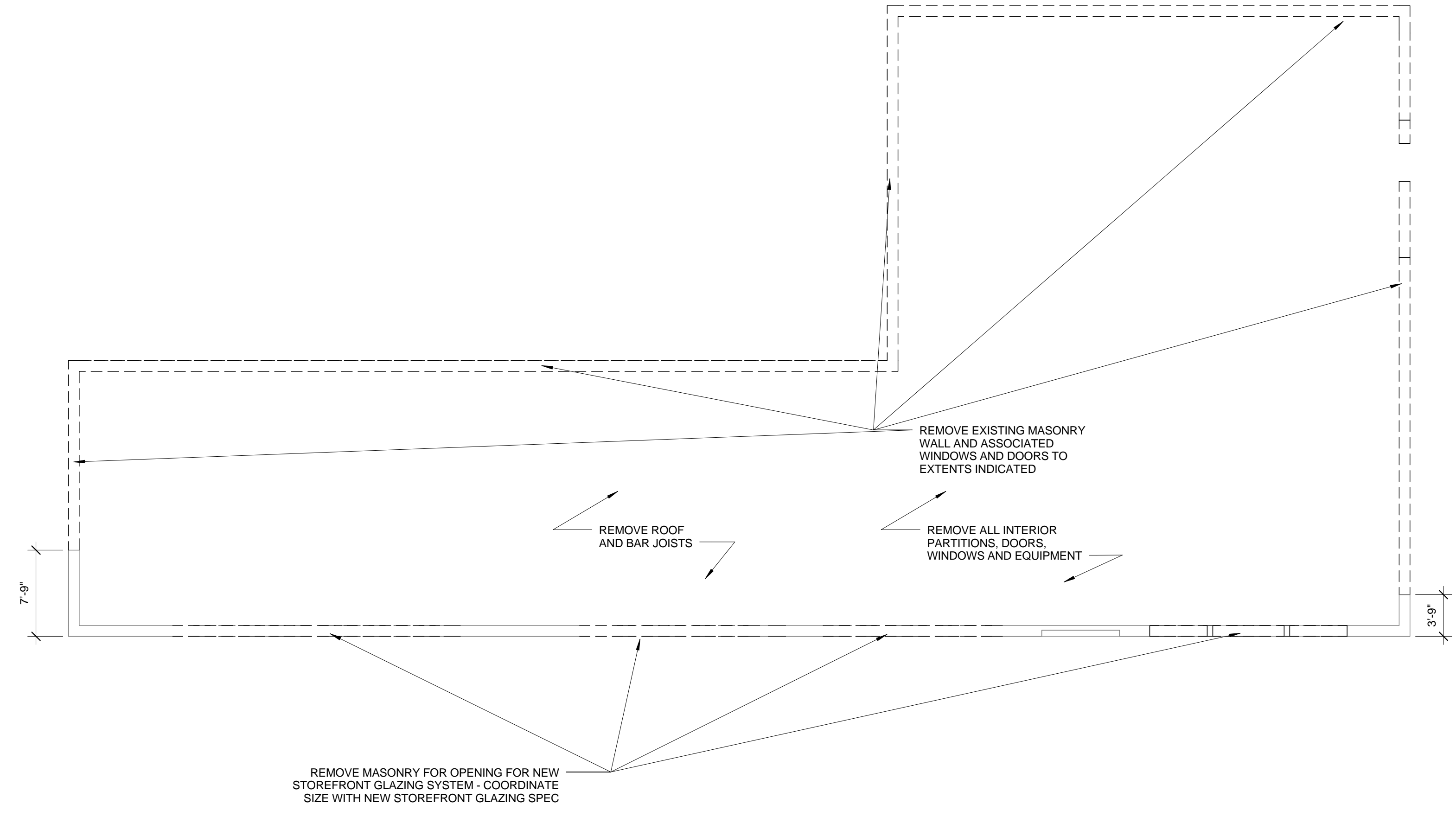
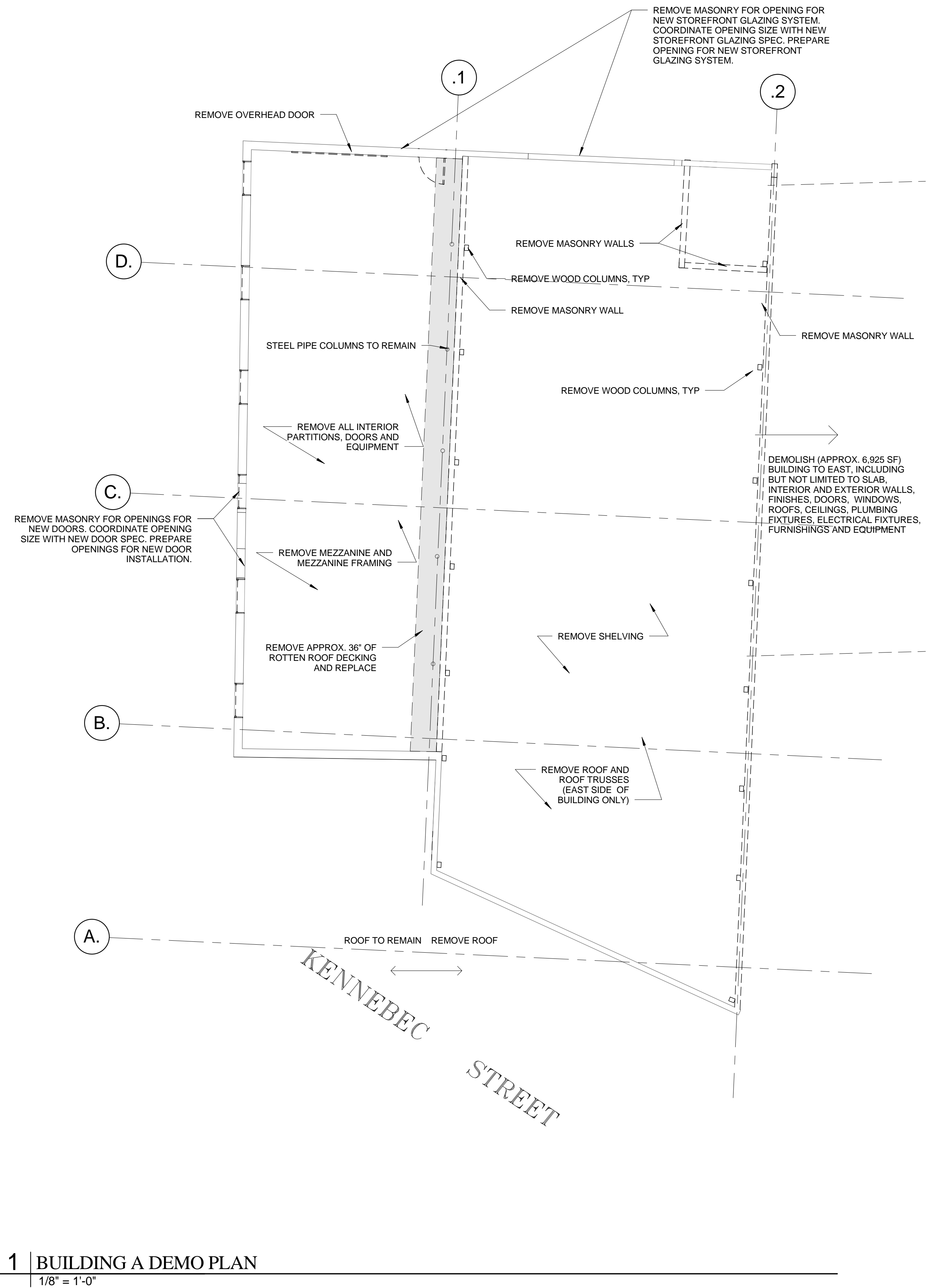
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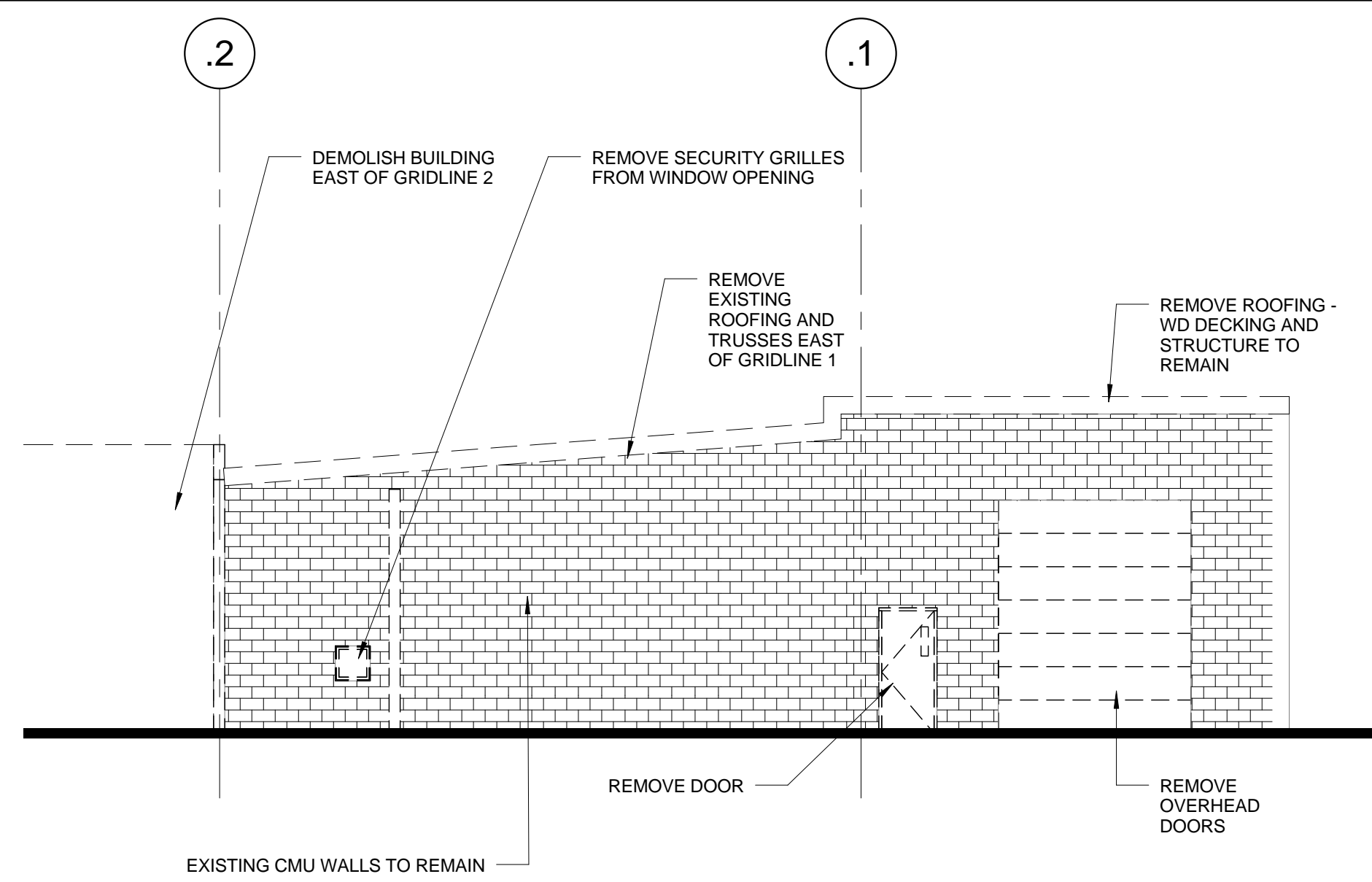
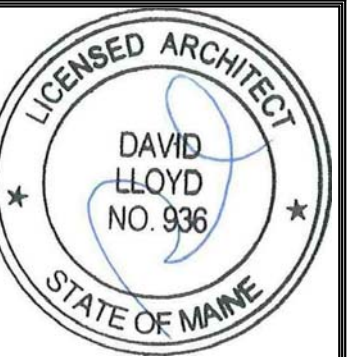
Scale: 1/8" = 1'-0"

1/8" = 1'-0"

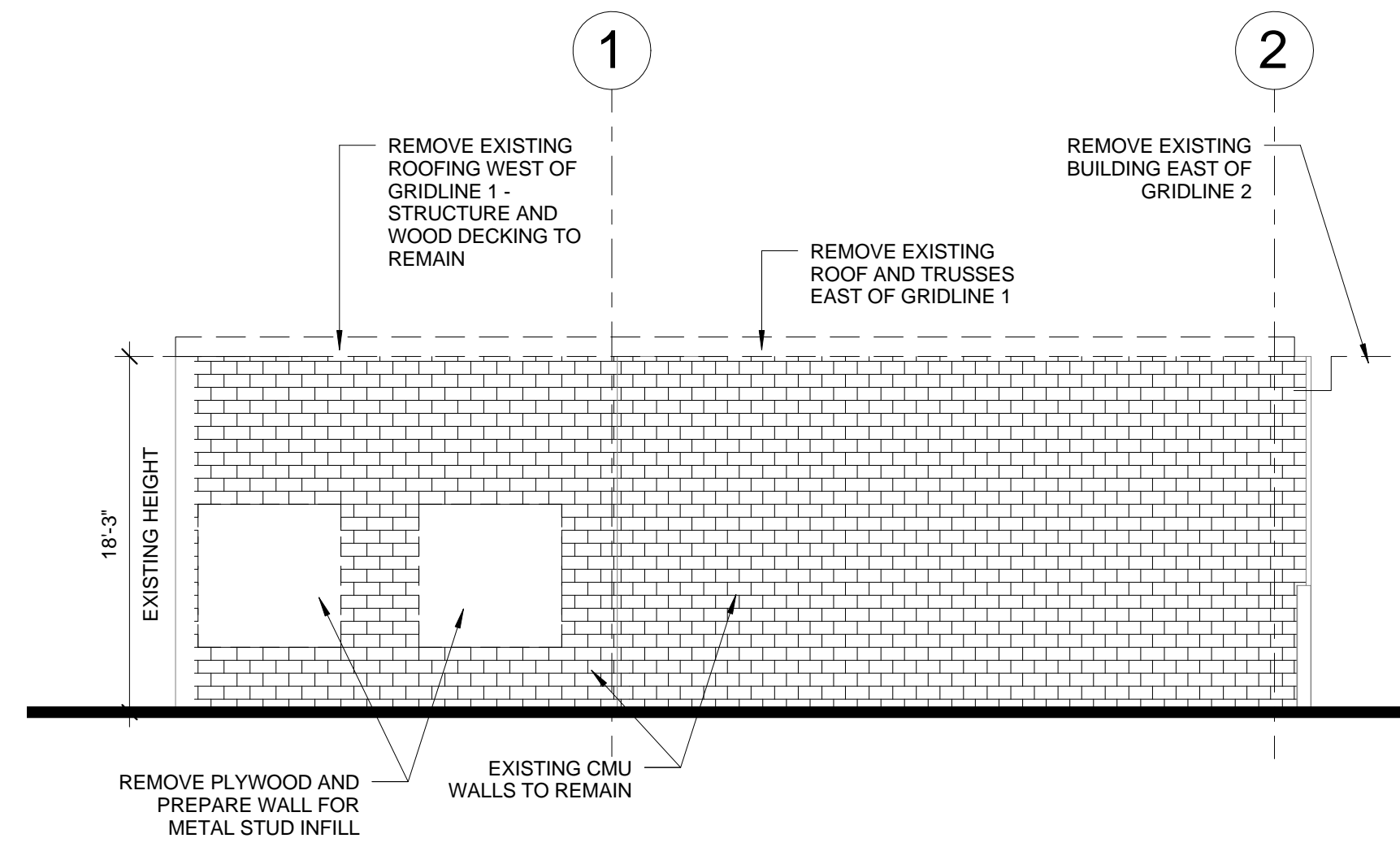
DEMO PLANS

A0.11

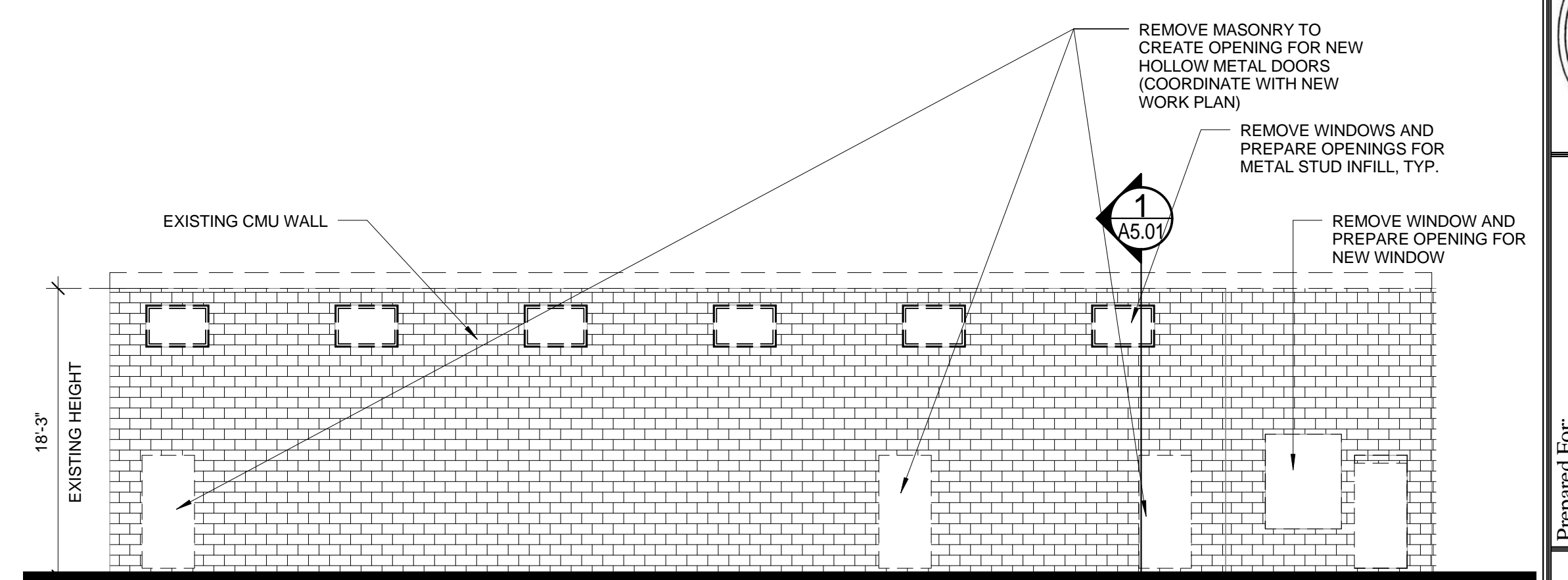




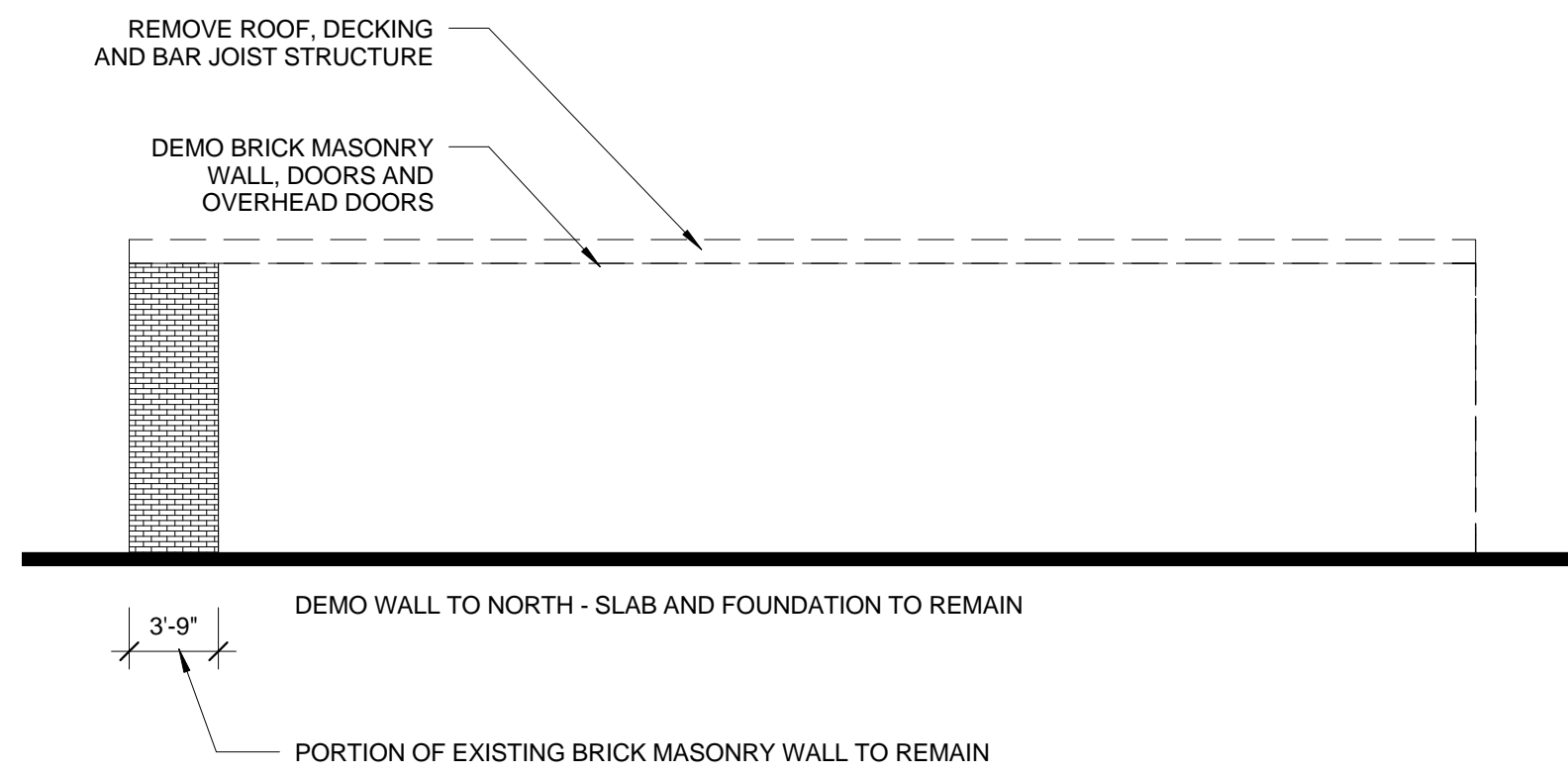
1 | BUILDING A NORTH ELEVATION - EXISTING DEMO
1/8" = 1'-0"



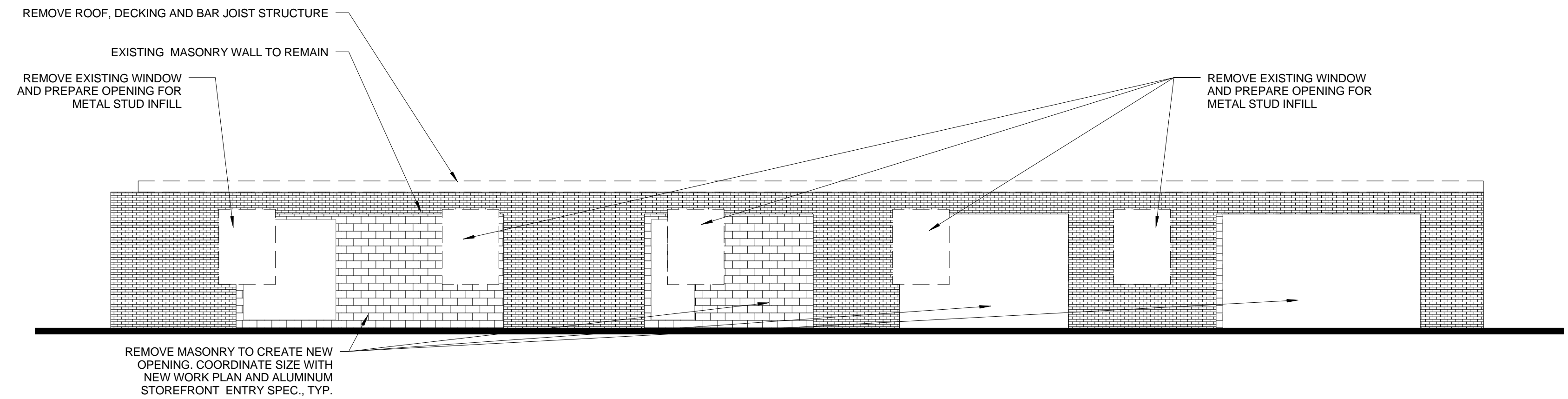
2 | BUILDING A SOUTH ELEVATION - EXISTING/DEMO
1/8" = 1'-0"



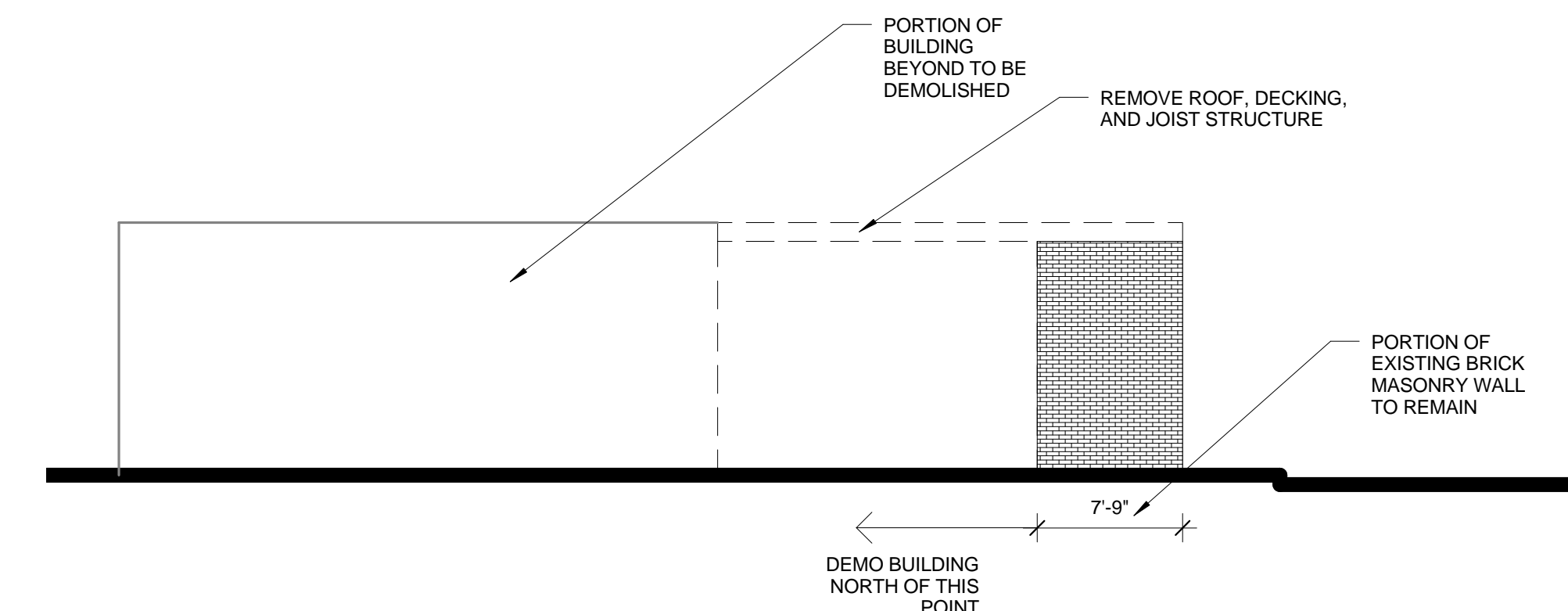
3 | BUILDING A WEST ELEVATION - EXISTING/DEMO
1/8" = 1'-0"



4 | BUILDING B EAST ELEVATION - EXISTING/DEMO
1/8" = 1'-0"



5 | BUILDING B SOUTH ELEVATION - EXISTING/DEMO
1/8" = 1'-0"



6 | BUILDING B WEST ELEVATION - EXISTING/DEMO
1/8" = 1'-0"

Prepared For:

Consultant:

Architect: **ARCHETYPE** architects
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Project: **Century Tire**

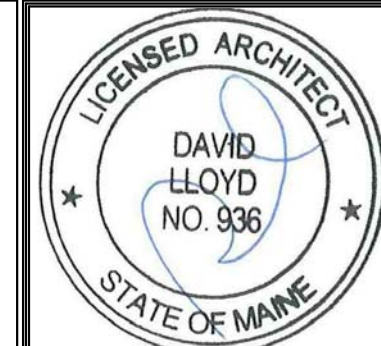
Revisions:

Scale: 1/8" = 1'-0"

Date: 03-16-2015

EXISTING/DEMO ELEVATIONS

A0.12



Address
City, State

Prepared For:

Consultant:

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Architect:
Century Tire

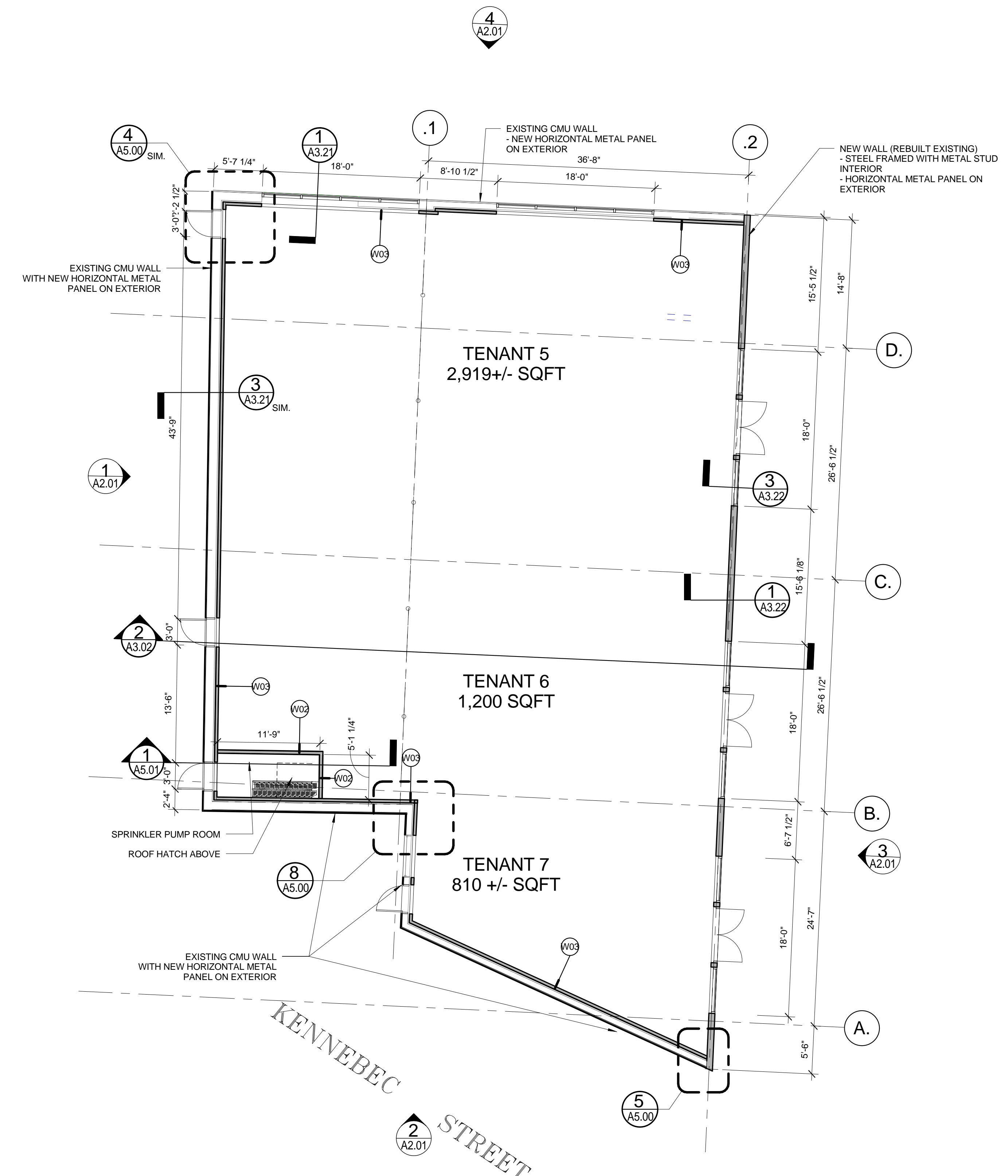
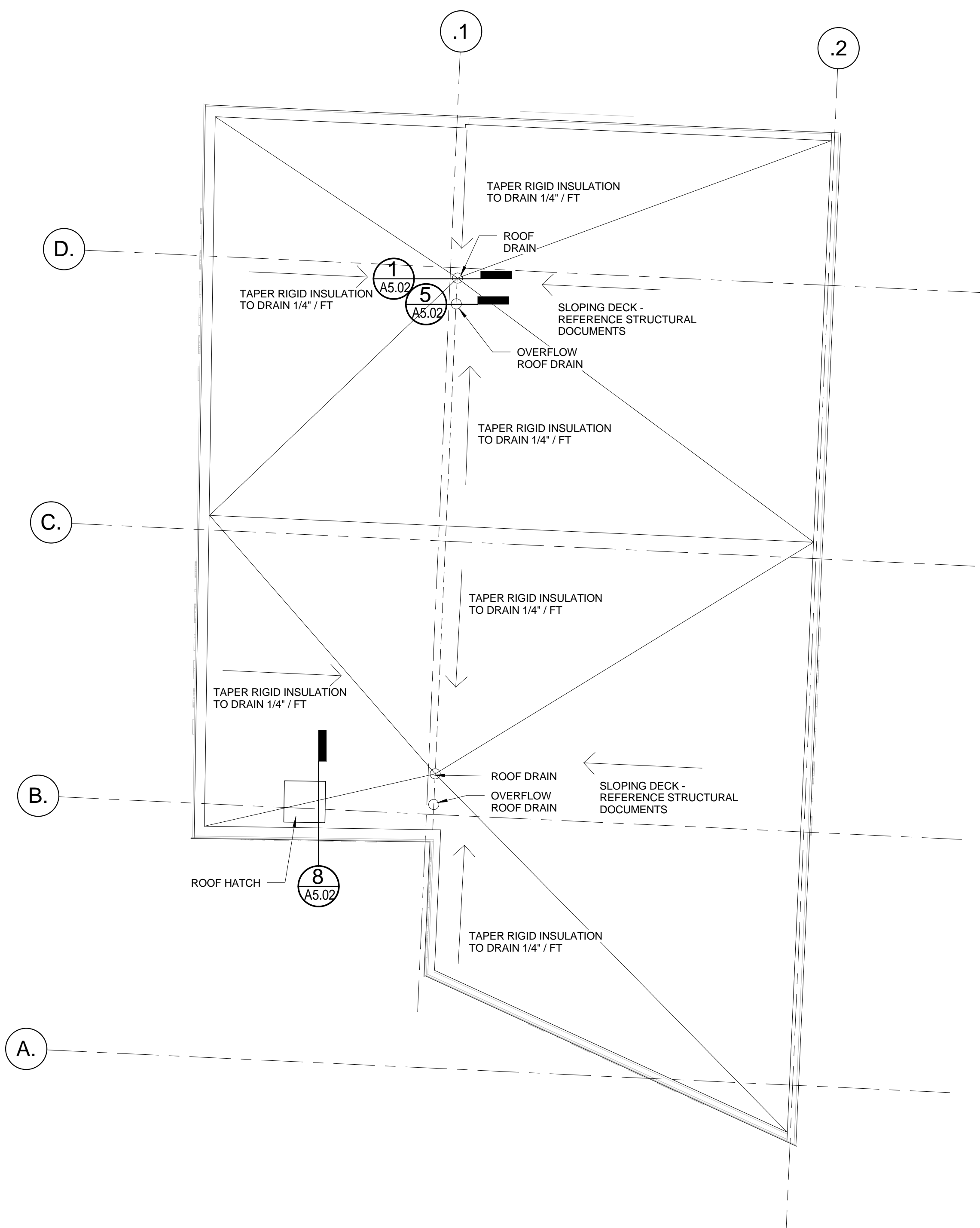
Project:

Revisions:

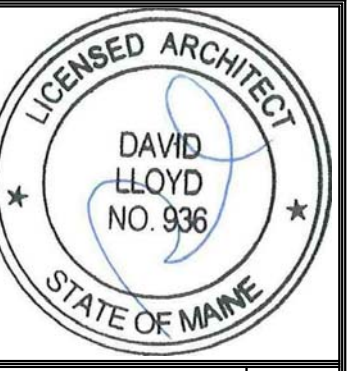
Date: 03-16-2015
Scale: 1/8" = 1'-0"

BUILDING A PLAN

A1.01



KENNEBEC STREET



Prepared For:

Consultant:

Architect:
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Project:
 Century Tire

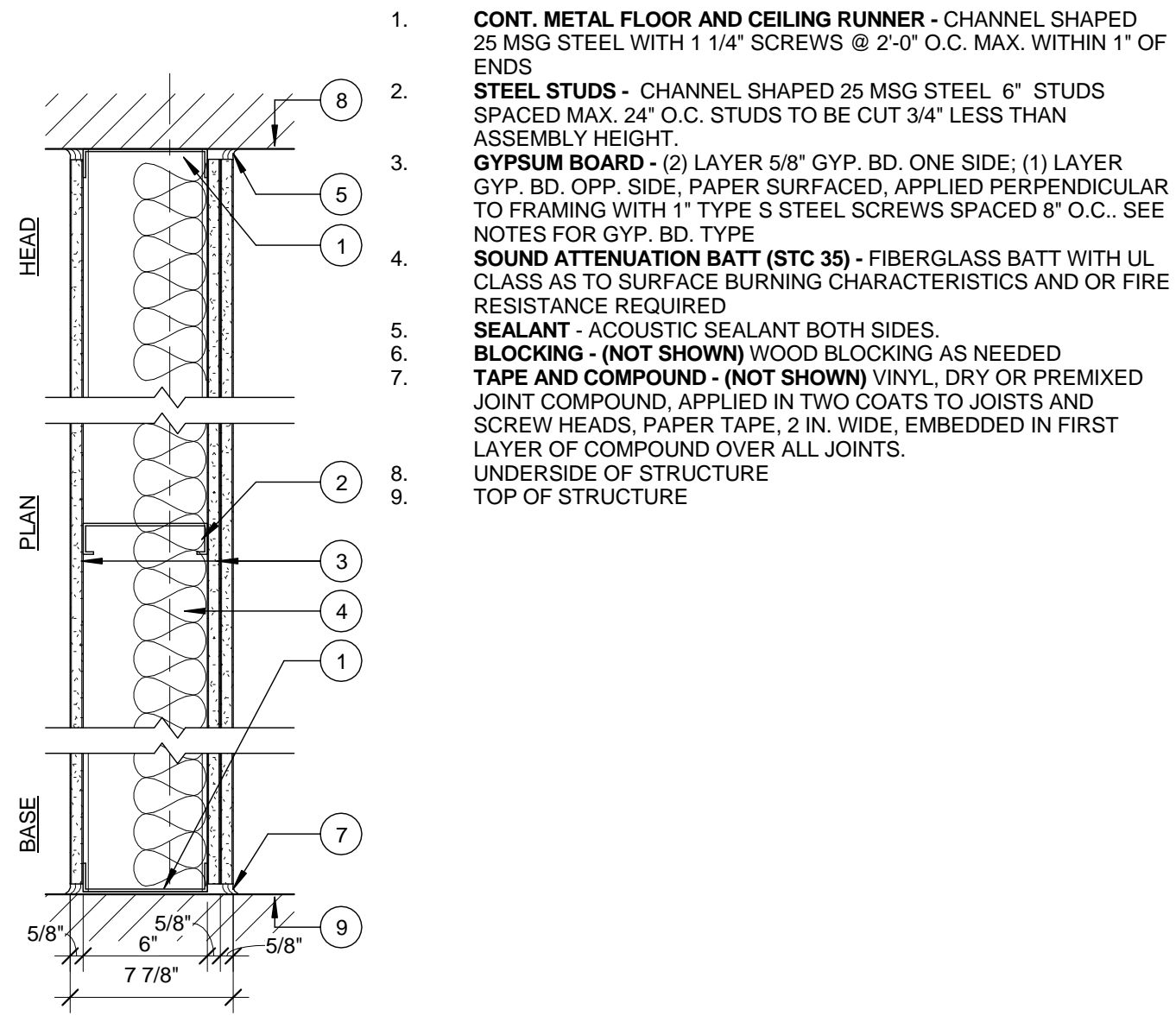
Revisions:

Scale:
 As indicated

Date:
 03-16-2015

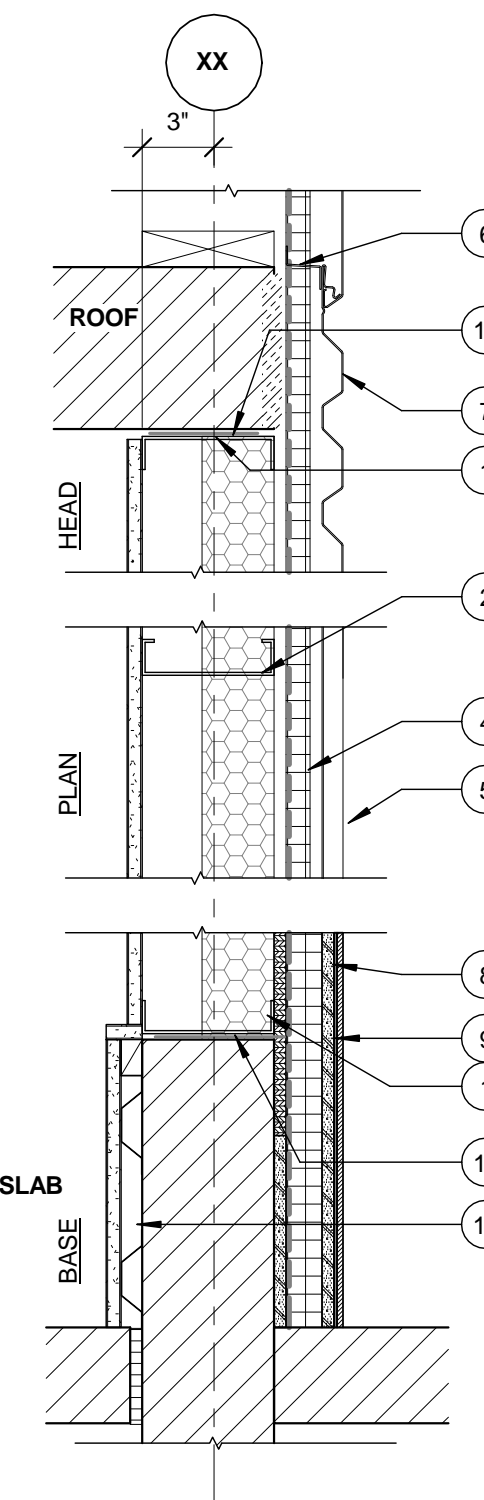
A1.02

W01 NON-RATED NON-BEARING ACOUSTICAL PARTITION
 DESIGN NUMBER - N/A
 35 STC SOUND - RAL-TL-11-078



- CONT. METAL FLOOR AND CEILING RUNNER - CHANNEL SHAPED 25 MSG STEEL WITH 1 1/4" SCREWS @ 2'-0" O.C. MAX. WITHIN 1" OF ENDS
- STEEL STUDS - CHANNEL SHAPED 25 MSG STEEL 6" STUDS SPACED MAX. 24" O.C. STUDS TO BE CUT 3/4" LESS THAN ASSEMBLY HEIGHT.
- GYPSUM BOARD - (2) LAYER 5/8" GYP. BD. ONE SIDE; (1) LAYER GYP. BD. OPP. SIDE, PAPER SURFACED, APPLIED PERPENDICULAR TO FRAMING WITH 1" TYPE S STEEL SCREWS SPACED 8" O.C. SEE NOTES FOR GYP. BD. TYPE
- SOUND ATTENUATION BATT (STC 35) - FIBERGLASS BATT WITH UL CLASS AS TO SURFACE BURNING CHARACTERISTICS AND OR FIRE RESISTANCE REQUIRED
- SEALANT - ACOUSTIC SEALANT BOTH SIDES.
- BLOCKING - (NOT SHOWN) WOOD BLOCKING AS NEEDED
- TAPE AND COMPOUND - (NOT SHOWN) VINYL DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOISTS AND SCREW HEADS, PAPER TAPE, 2 IN. WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.
- UNDERSIDE OF STRUCTURE
- TOP OF STRUCTURE

01 BEARING, NON RATED EXTERIOR WALL
 STC SOUND - N/A



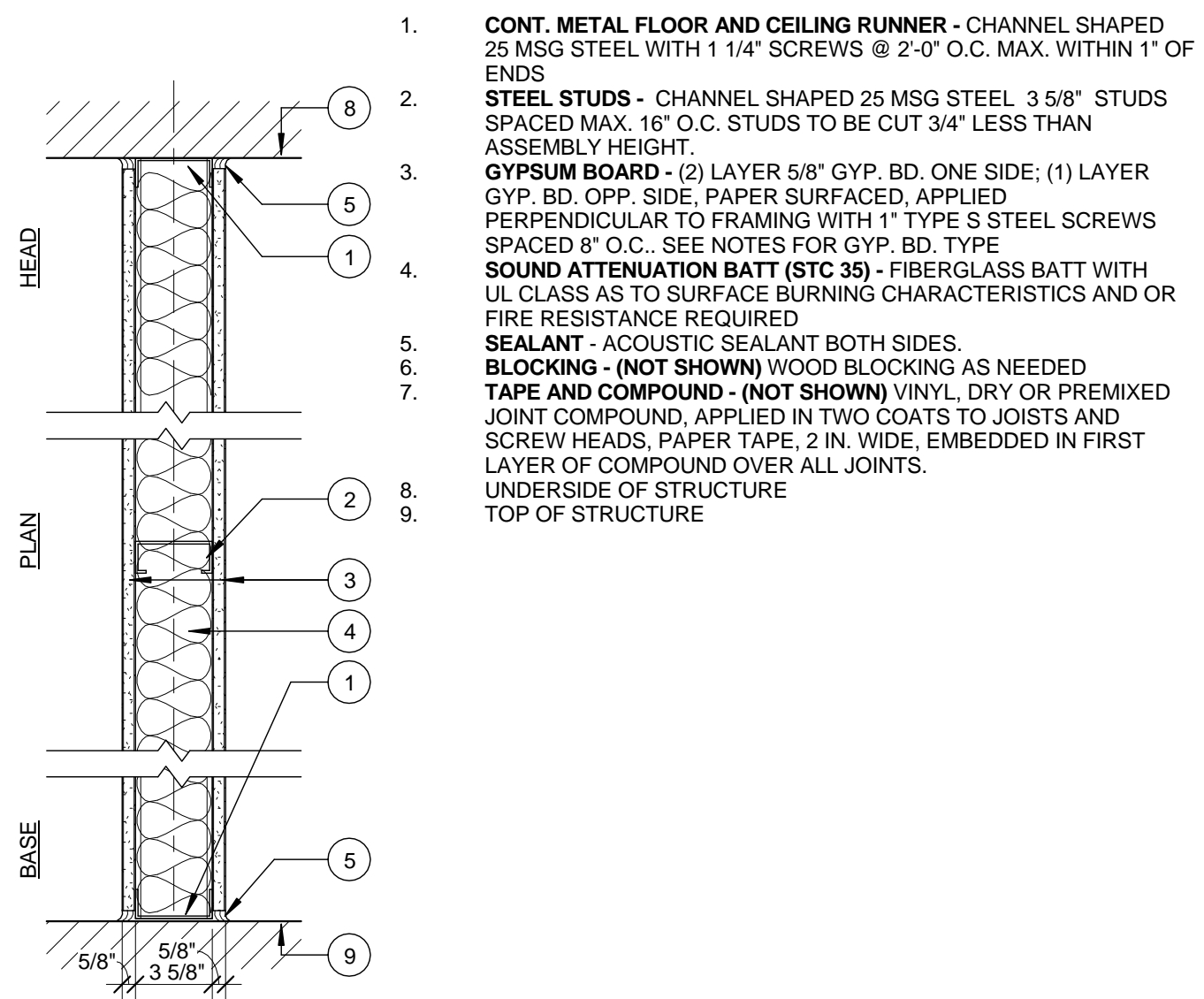
- CONT. METAL FLOOR AND CEILING RUNNER - CHANNEL SHAPED 25 MSG STEEL WITH 1 1/4" SCREWS @ 2'-0" O.C. MAX. WITHIN 1" OF ENDS
- STEEL STUDS - CHANNEL SHAPED 25 MSG 20 GA STEEL 6" STUDS SPACED MAX. 24" O.C. STUDS TO BE CUT 3/4" LESS THAN ASSEMBLY HEIGHT
- SPRAY FOAM INSULATION - 3" CLOSED CELL SPRAY FOAM INSULATION
- RIGID INSULATION - 1" XPS ADHERED TO 1/2" SHEATHING, MECHANICALLY FASTENED TO STUDS WITH 4" TRUEFAST SIP TP SCREWS HI-LOW TREATED w/ CLIMACOAT 6" O.C. ALONG THE PERIMETER OF THE PANEL AND 12" O.C. WITHIN THE FIELD OF THE PANEL.
- AIR/MOISTURE BARRIER - REFER TO SPECIFICATION.
- 1 1/2" Z" GIRTS - INSTALLED AT PANEL HORIZONTAL EDGES AT 12" O.C. VERTICALLY.
- FIRESTONE DELTA UNA-CLAD METAL PANEL - EXTERIOR CLADDING SYSTEM - REFER TO SPECIFICATION
- BOND COAT FOR SETTING TILE - LATEX MODIFIED PORTLAND CEMENT MORTAR APPLIED WITH A NOTCHED TROWEL
- 12" X 12" DALITILE COLORBODY PORCELAIN TILE
- GYPSUM BOARD - (1) LAYER 5/8" GYP. BD. PAPER SURFACED, APPLIED PERPENDICULAR TO FRAMING WITH 1" TYPE S STEEL SCREWS SPACED 8" O.C. SEE NOTES FOR GYP. BD. TYPE
- BED OF SEALANT - MTL TRACKS IN CONTACT WITH CONCRETE TO BE SET IN A FULL BED OF SEALANT. SEAL OTHER TRACKS TO DECK.

SEE EXT. DETAILS FOR THRU FLASHING, ACCESSORIES, AND DETAILS

2 WALL TYPE W01 - NON RATED - ACOUST. PART.
 1 1/2" = 1'-0"

5 WALL TYPE 01 - EXTERIOR WALL
 1 1/2" = 1'-0"

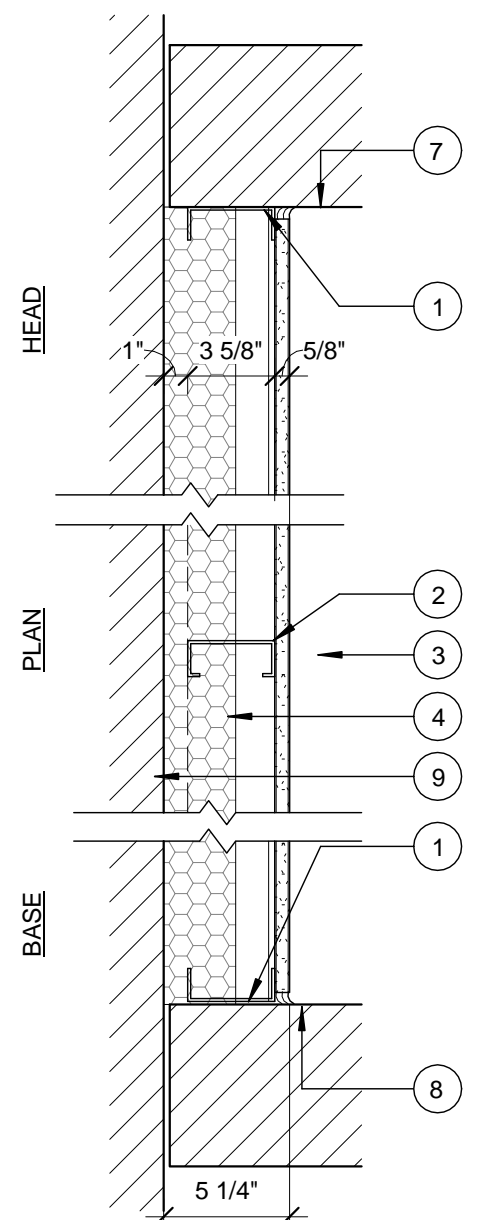
W02 NON-RATED NON-BEARING PARTITION
 DESIGN NUMBER - N/A
 35 STC SOUND - RAL-TL-11-078



- CONT. METAL FLOOR AND CEILING RUNNER - CHANNEL SHAPED 25 MSG STEEL WITH 1 1/4" SCREWS @ 2'-0" O.C. MAX. WITHIN 1" OF ENDS
- STEEL STUDS - CHANNEL SHAPED 25 MSG STEEL 3 5/8" STUDS SPACED MAX. 16" O.C. STUDS TO BE CUT 3/4" LESS THAN ASSEMBLY HEIGHT.
- GYPSUM BOARD - (2) LAYER 5/8" GYP. BD. ONE SIDE; (1) LAYER GYP. BD. OPP. SIDE, PAPER SURFACED, APPLIED PERPENDICULAR TO FRAMING WITH 1" TYPE S STEEL SCREWS SPACED 8" O.C. SEE NOTES FOR GYP. BD. TYPE
- SOUND ATTENUATION BATT (STC 35) - FIBERGLASS BATT WITH UL CLASS AS TO SURFACE BURNING CHARACTERISTICS AND OR FIRE RESISTANCE REQUIRED
- SEALANT - ACOUSTIC SEALANT BOTH SIDES.
- BLOCKING - (NOT SHOWN) WOOD BLOCKING AS NEEDED
- TAPE AND COMPOUND - (NOT SHOWN) VINYL DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOISTS AND SCREW HEADS, PAPER TAPE, 2 IN. WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.
- UNDERSIDE OF STRUCTURE
- TOP OF STRUCTURE

3 WALL TYPE W02 - NON RATED - ACOUST. PART.
 1 1/2" = 1'-0"

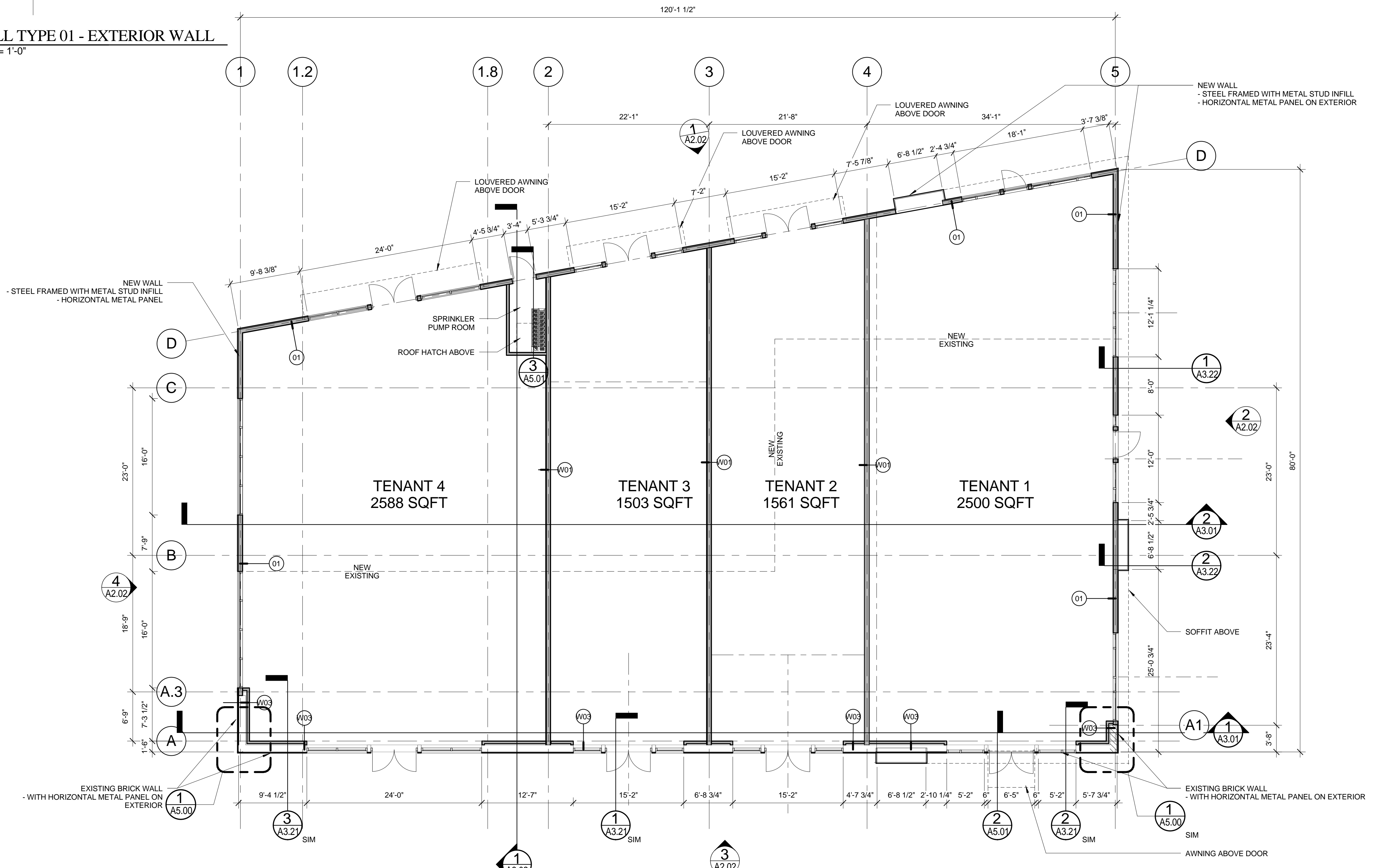
W03 NON-RATED NON-BEARING EXTERIOR WALL FURRING



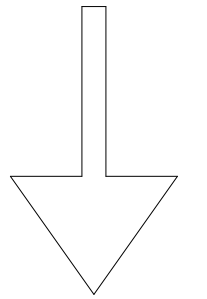
- CONT. METAL FLOOR AND CEILING RUNNER - CHANNEL SHAPED 25 MSG STEEL WITH 1 1/4" LONG SCREWS @ 2'-0" O.C. MAX. WITHIN 1" OF ENDS
- STEEL STUDS - CHANNEL SHAPED 25 MSG STEEL 3 5/8" STUDS SPACED MAX. 16" O.C. STUDS TO BE CUT 3/4" LESS THAN ASSEMBLY HEIGHT.
- GYPSUM BOARD - (1) LAYER 5/8" GYP. BD., PAPER SURFACED MOISTURE RESISTANT, APPLIED PERPENDICULAR TO FRAMING WITH 1" TYPE S STEEL SCREWS SPACED 8" O.C.
- SPRAY FOAM INSULATION - 3" CLOSED CELL POLYURETHANE SPRAY INSULATION
- BLOCKING - (NOT SHOWN) WOOD BLOCKING AS NEEDED
- TAPE AND COMPOUND - (NOT SHOWN) VINYL DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOISTS AND SCREW HEADS, PAPER TAPE, 2 IN. WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.
- UNDERSIDE OF STRUCTURE
- TOP OF STRUCTURE
- EXISTING MASONRY WALL

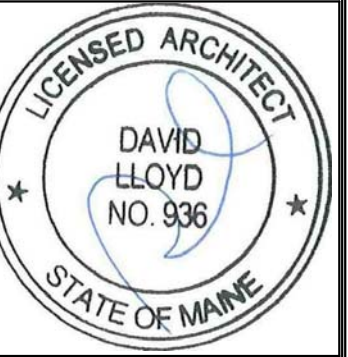
4 WALL TYPE W03 - MTL FUR - INSL - 6 3/8"
 1 1/2" = 1'-0"

1 BUILDING B FLOOR PLAN
 1/8" = 1'-0"



MARGINAL WAY





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Consultant:

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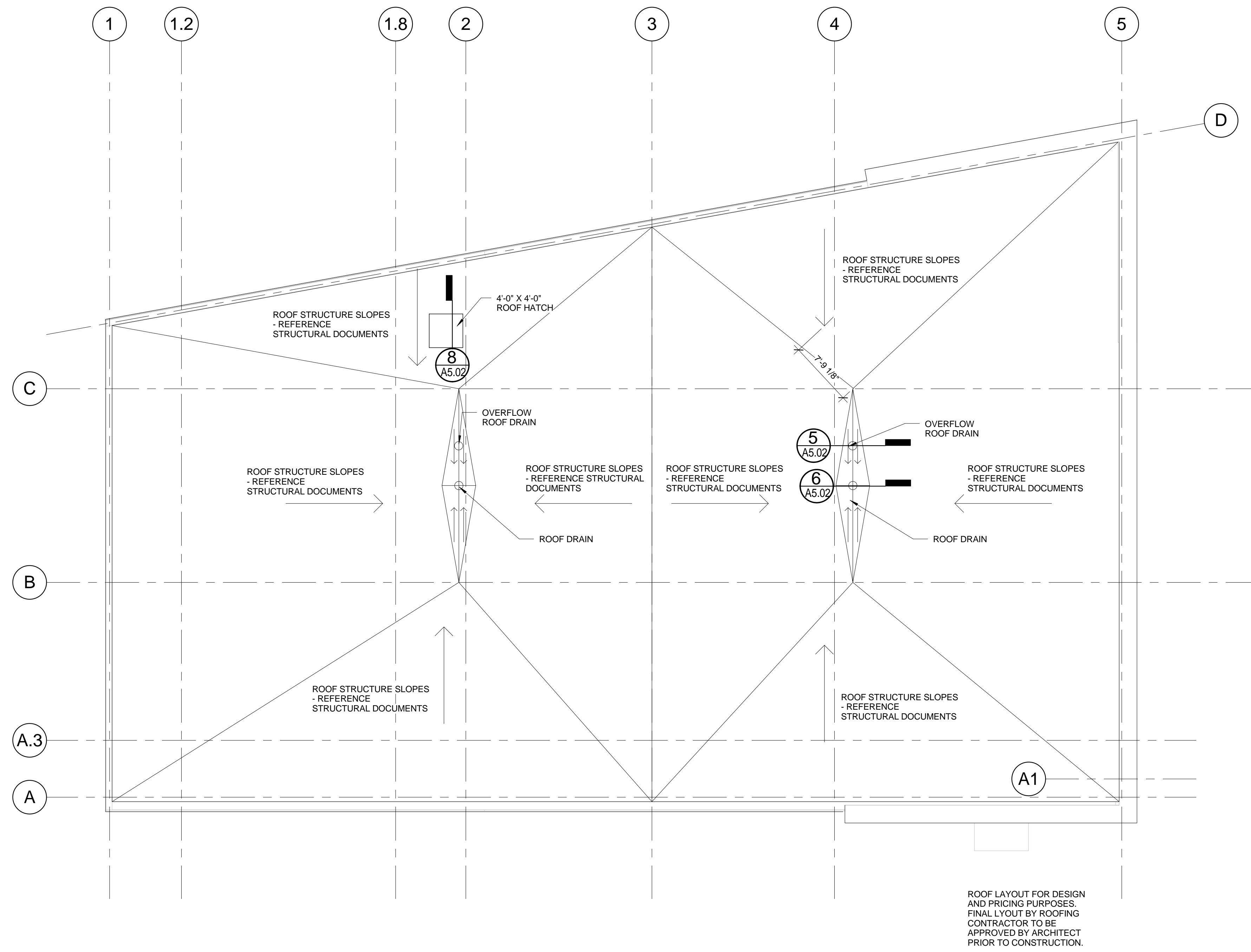
Project:
 Century Tire

Revisions:

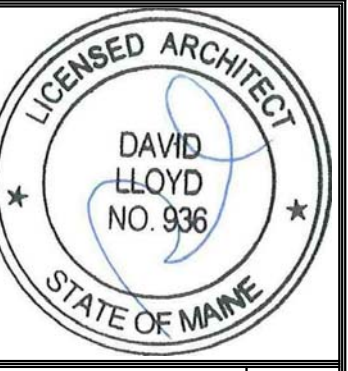
Date: 03-16-2015
 Scale: 1/8" = 1'-0"

BUILDING B ROOF PLAN

A1.03



1 BUILDING B ROOF PLAN
 1/8" = 1'-0"



Prepared For:
Address
City, State

Consultant:

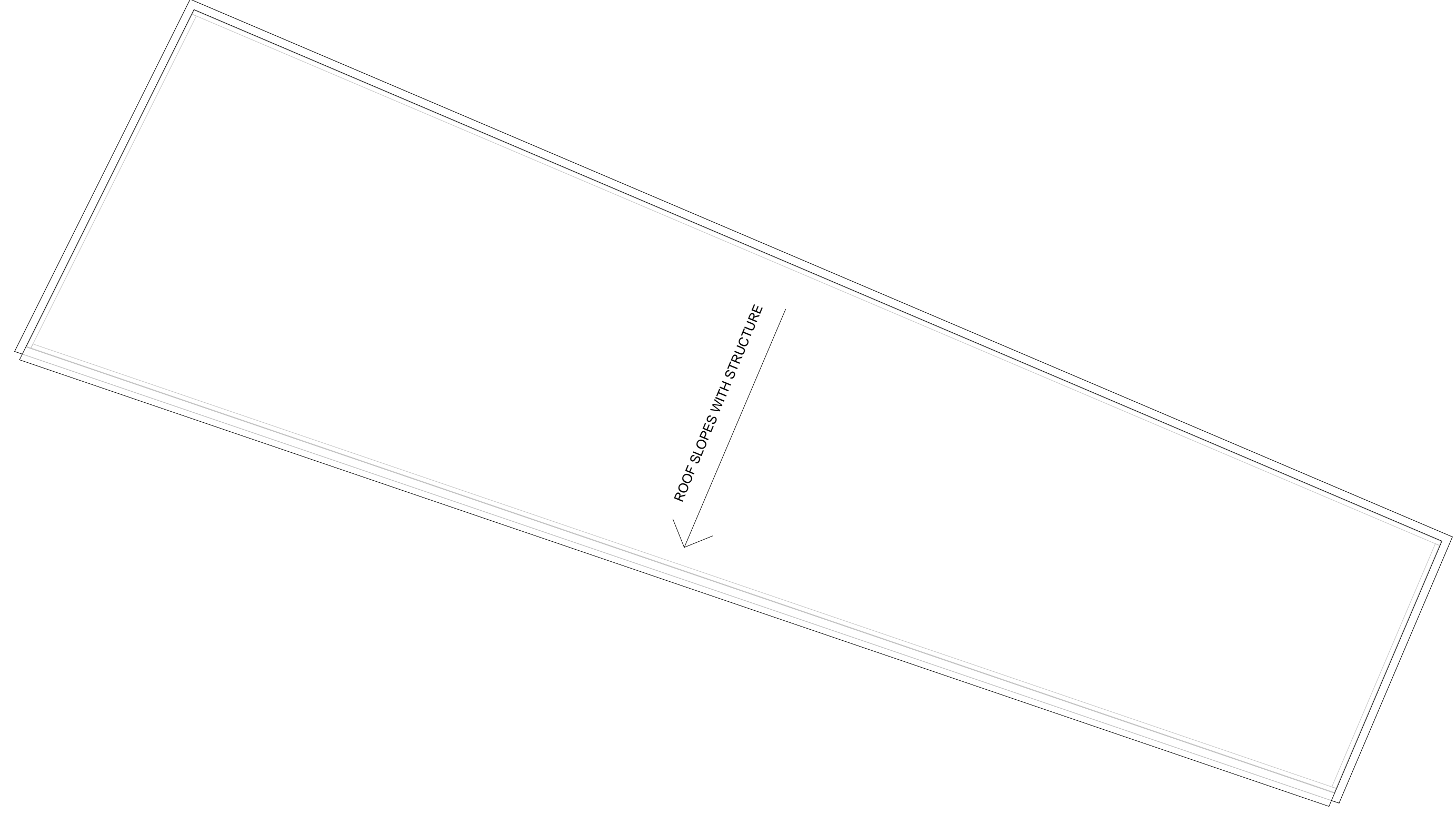
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Project:
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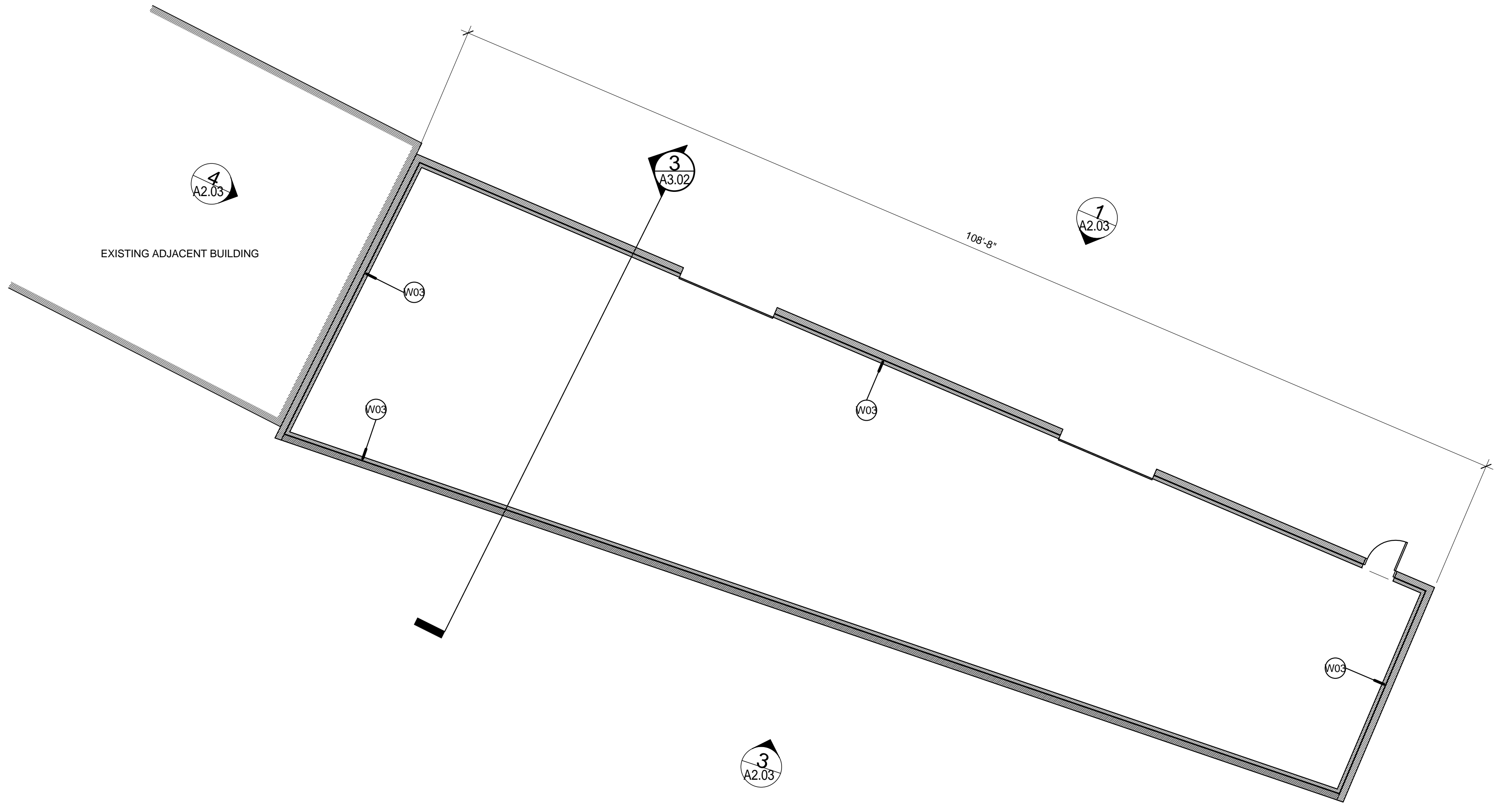
Revisions:

Date: 03-16-2015
Scale: 1/8" = 1'-0"
WAREHOUSE PLAN

A1.04

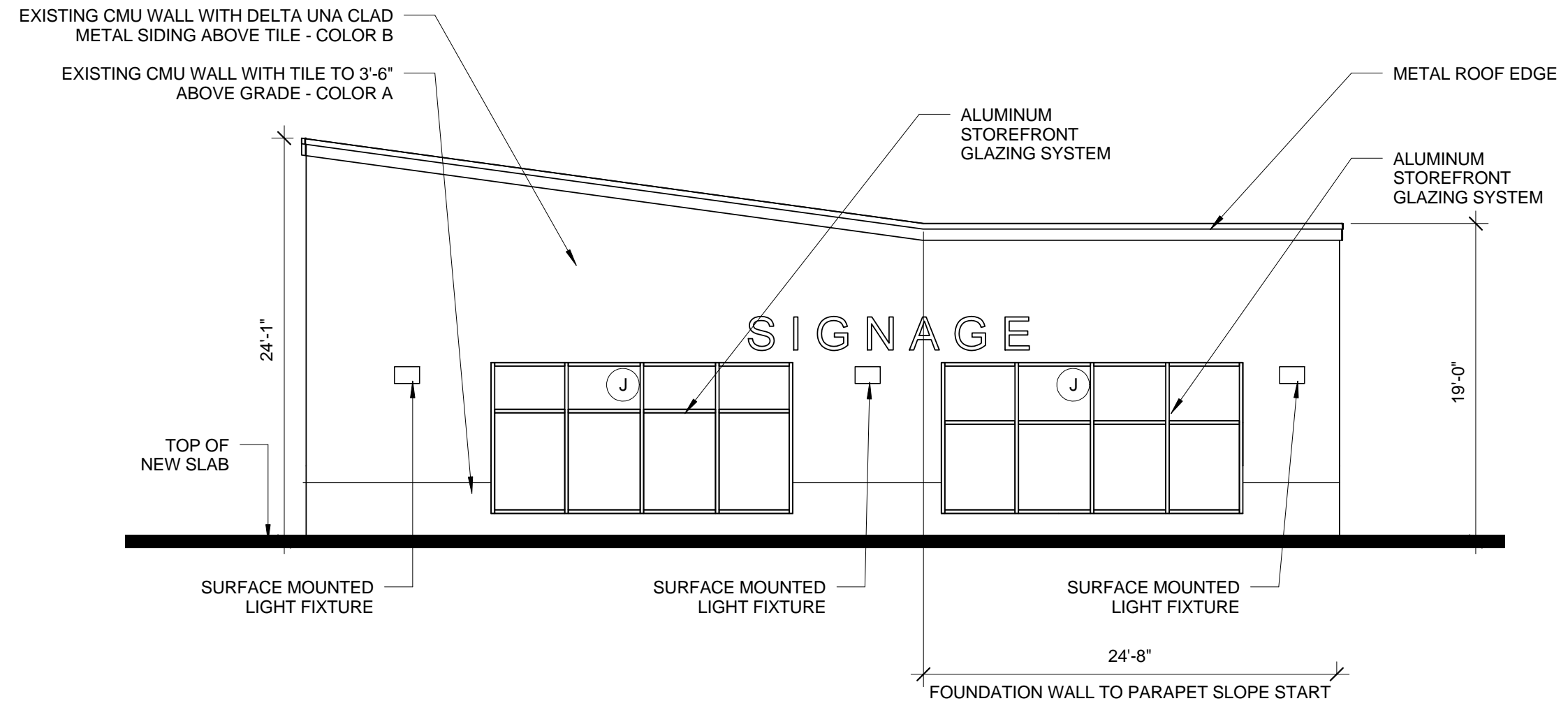
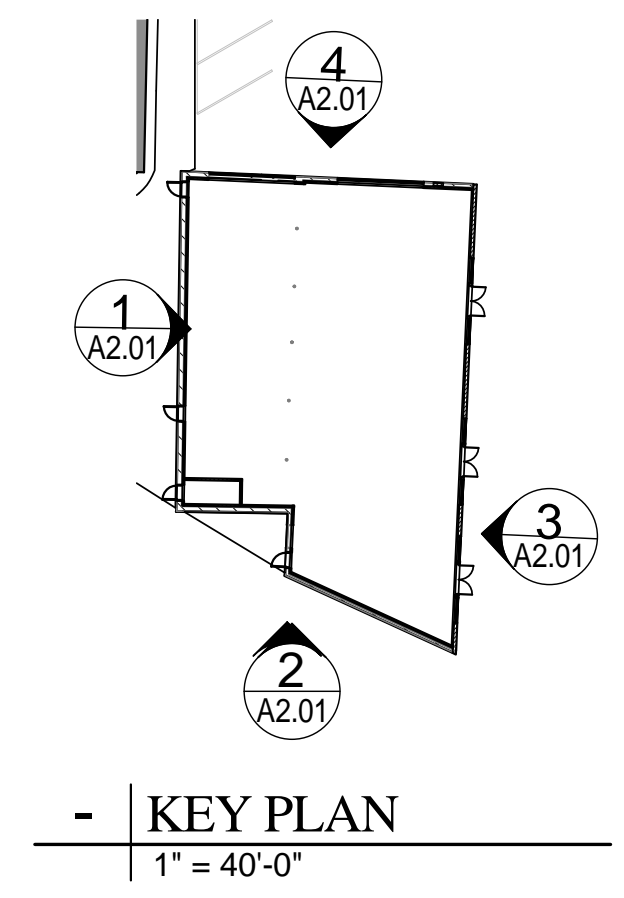


2 | WAREHOUSE ROOF PLAN
1/8" = 1'-0"

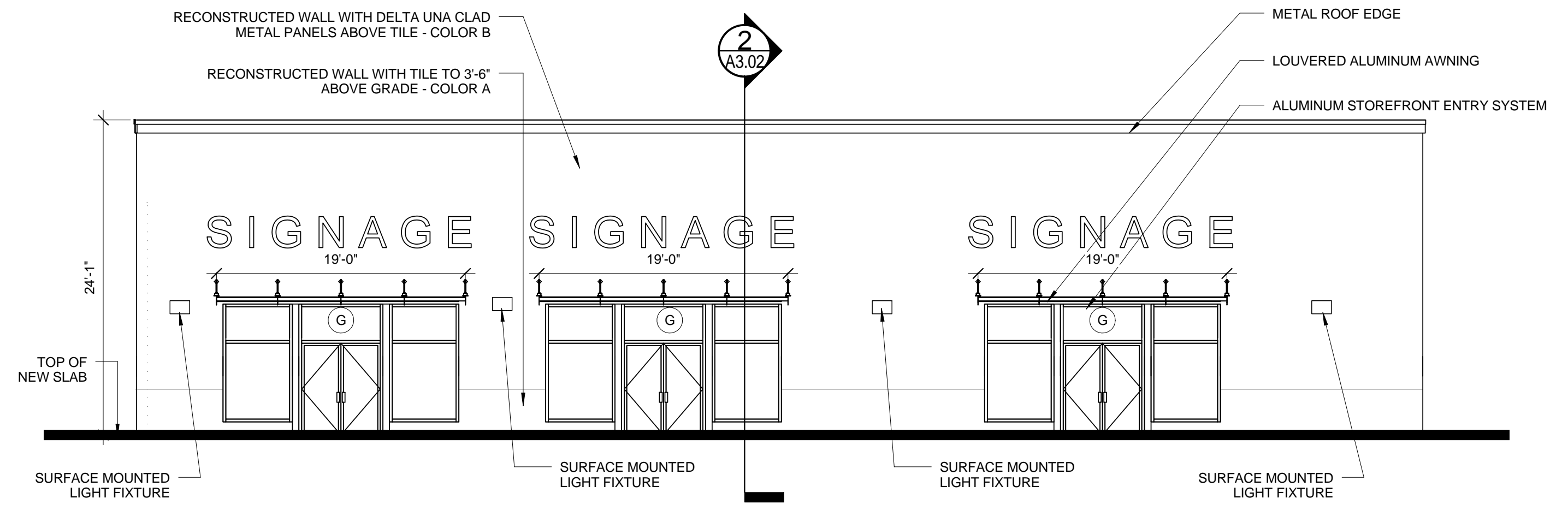


1 | WAREHOUSE PLAN
1/8" = 1'-0"

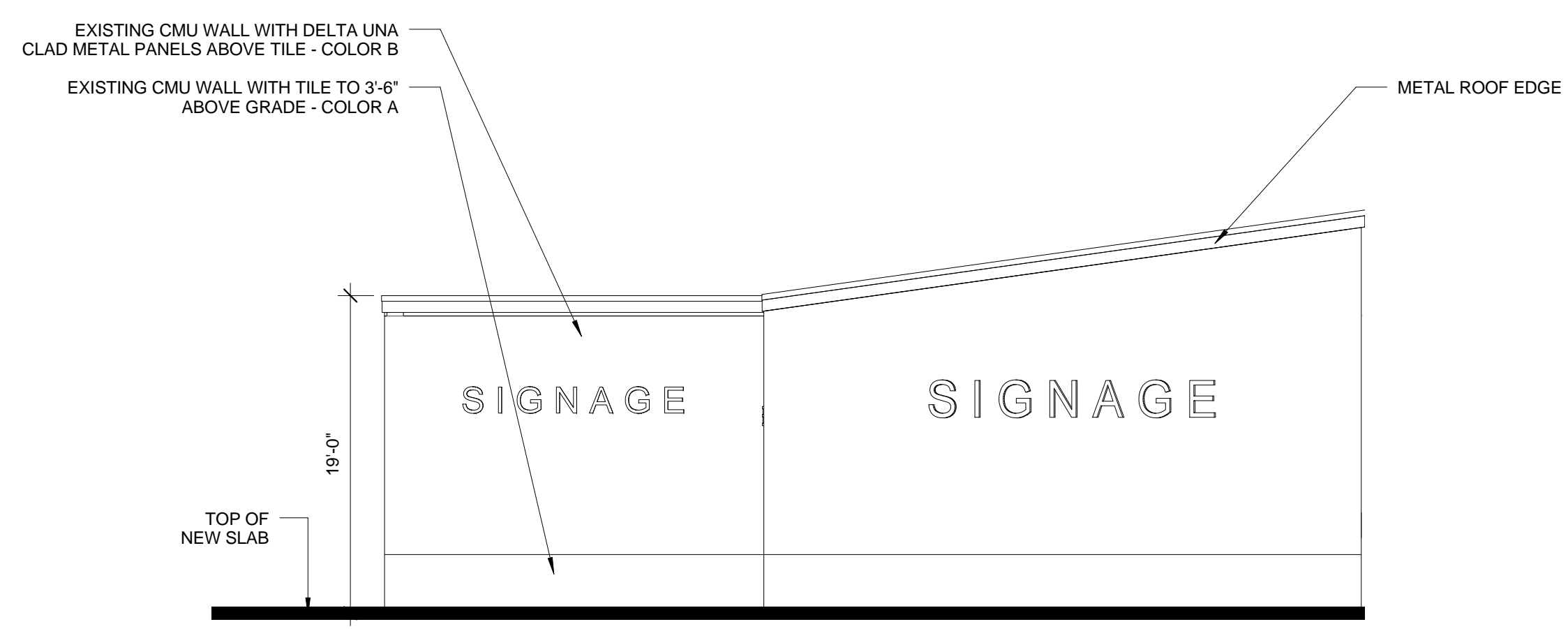
SIDING COLORS
 COLOR A = GRAY (TILE)
 COLOR B = T.B.D. (DELTA UNA CLAD METAL SIDING)
 COLOR C = WHITE (DELTA UNA CLAD METAL SIDING)



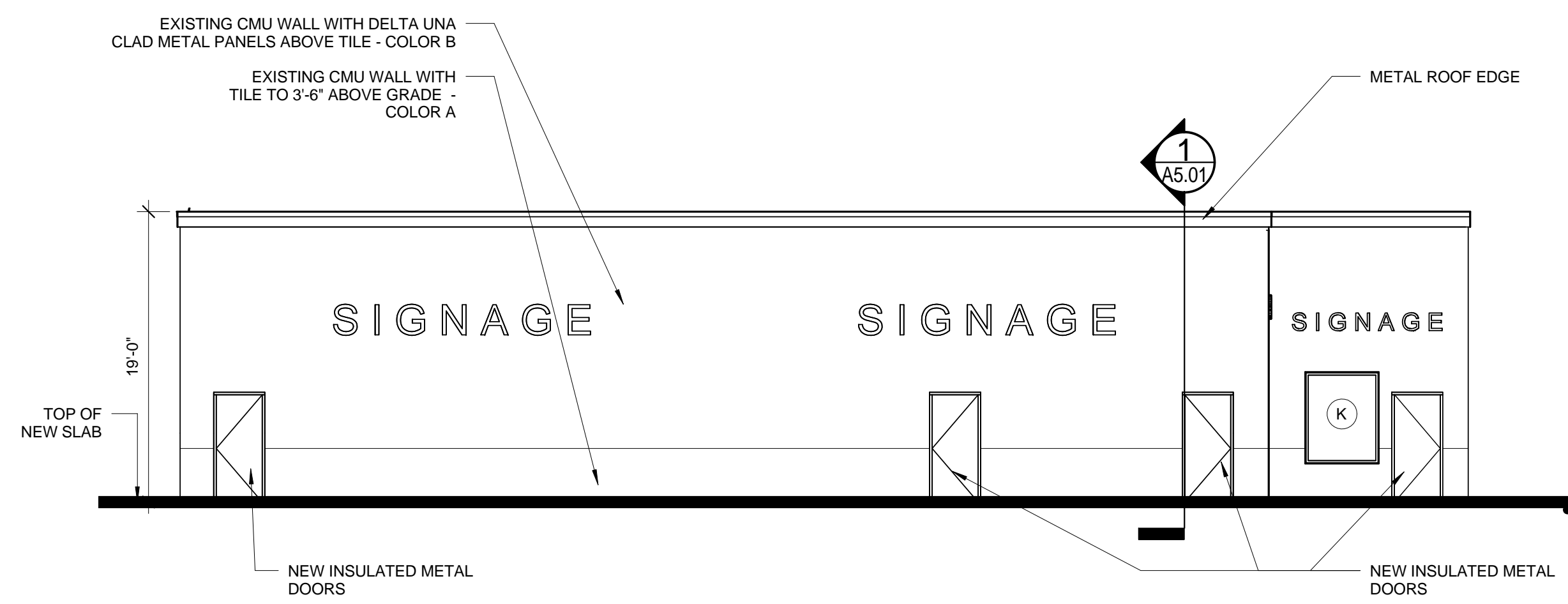
4 | BUILDING A NORTH ELEVATION
1/8" = 1'-0"



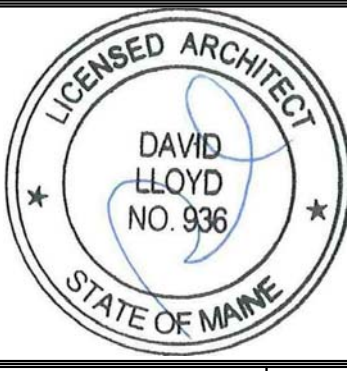
3 | BUILDING A EAST ELEVATION
1/8" = 1'-0"



2 | BUILDING A SOUTH ELEVATION
1/8" = 1'-0"



1 | BUILDING A WEST ELEVATION
1/8" = 1'-0"



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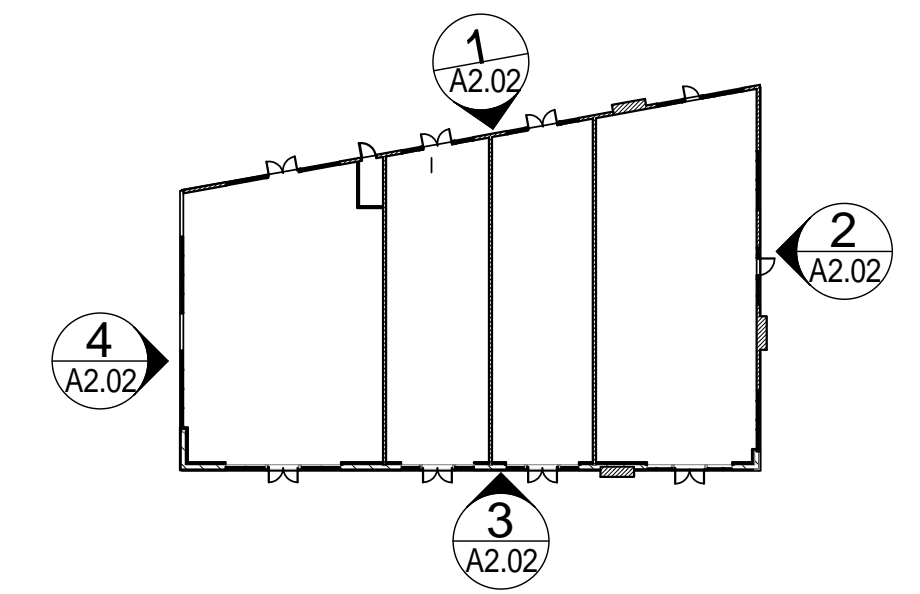
Project:
Century Tire

Revisions:

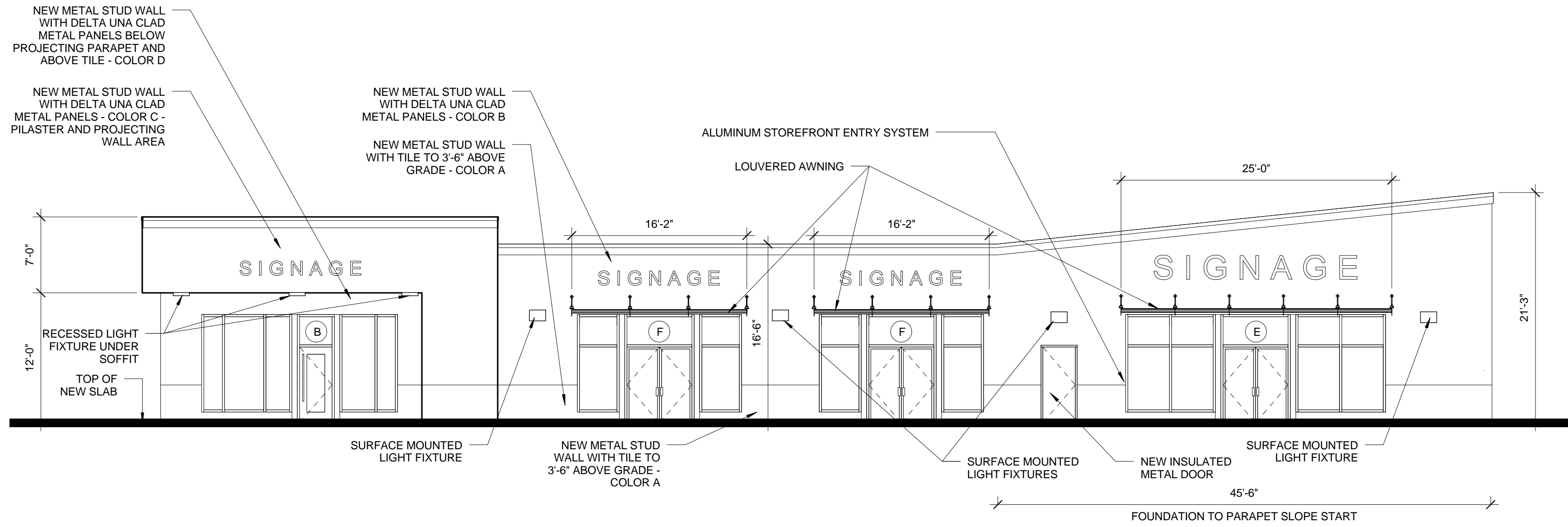
Date: 03-16-2015
Scale: As indicated
BUILDING A ELEVATIONS

A2.01

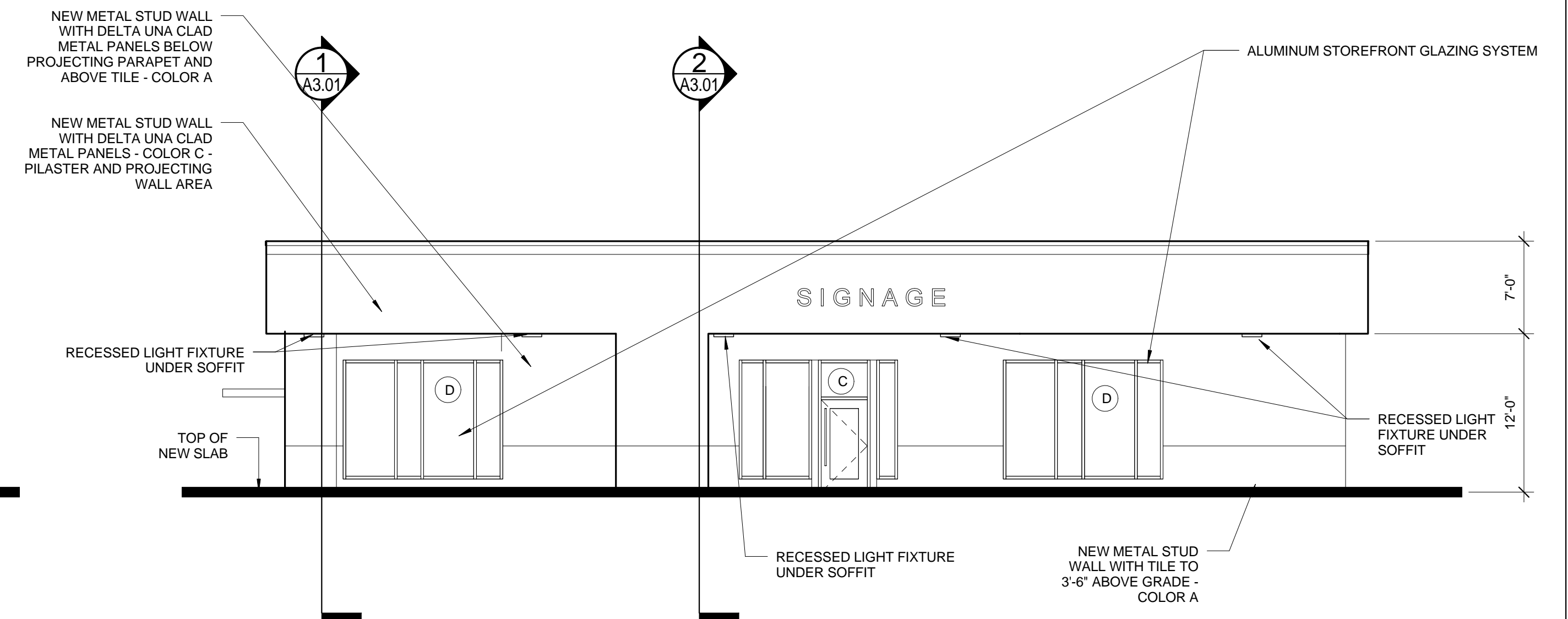
SIDING COLORS
 COLOR A = GRAY (TILE)
 COLOR B = T.B.D. (DELTA UNA CLAD METAL SIDING)
 COLOR C = WHITE (DELTA UNA CLAD METAL SIDING)
 COLOR D = GRAY (DELTA UNA CLAD METAL SIDING)



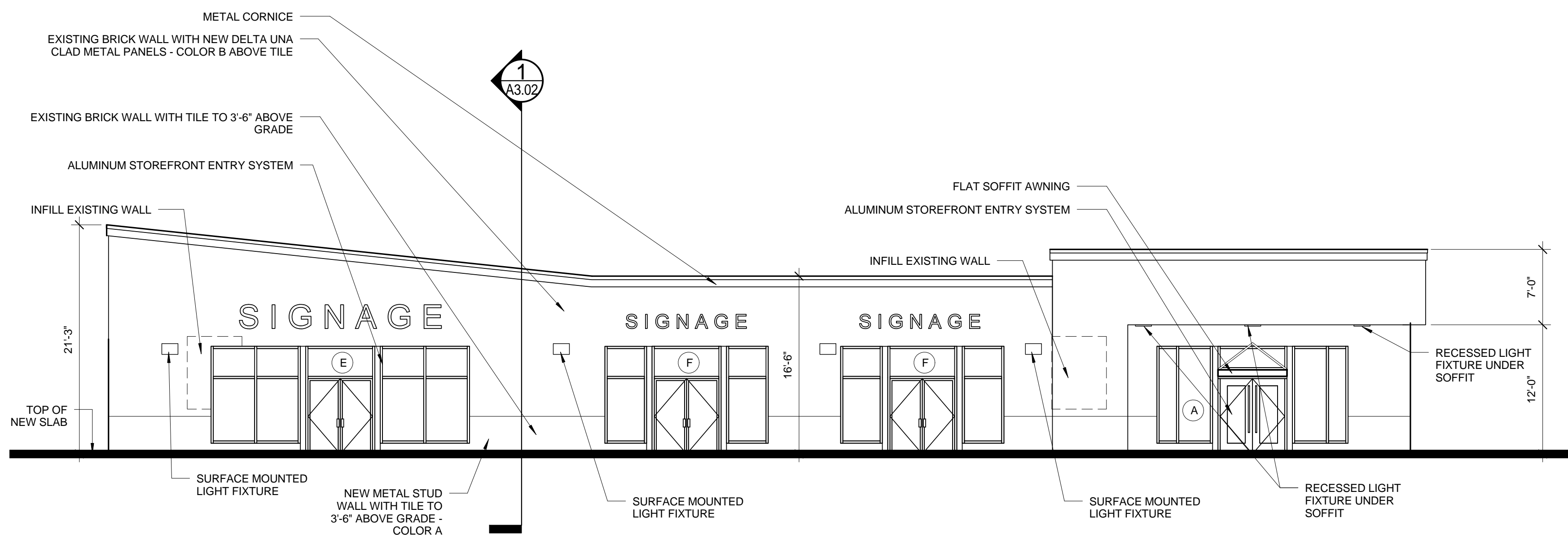
- KEY PLAN
 1" = 40'-0"



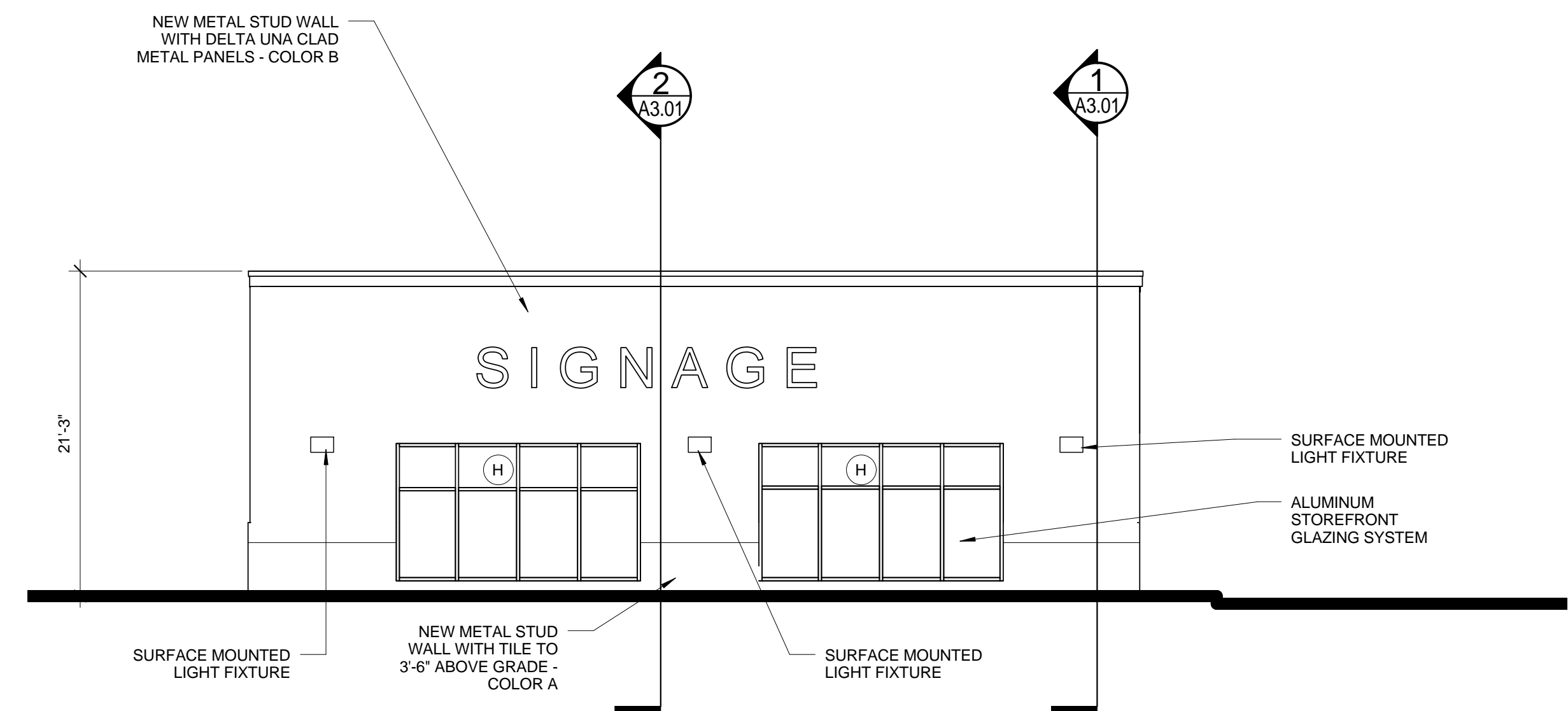
1 BUILDING B NORTH ELEVATION
 1/8" = 1'-0"



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



3 BUILDING B SOUTH ELEVATION
 1/8" = 1'-0"



4 BUILDING B WEST ELEVATION
 1/8" = 1'-0"

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Architect:

Project: Century Tire

Revisions:

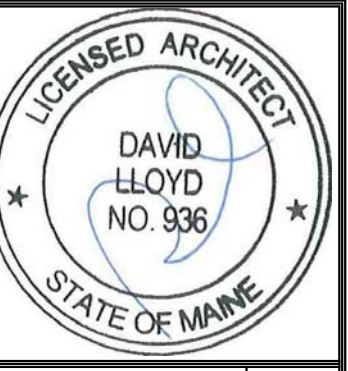
Scale: As indicated

Date: 03-16-2015

Revisions:

BUILDING B ELEVATIONS

A2.02



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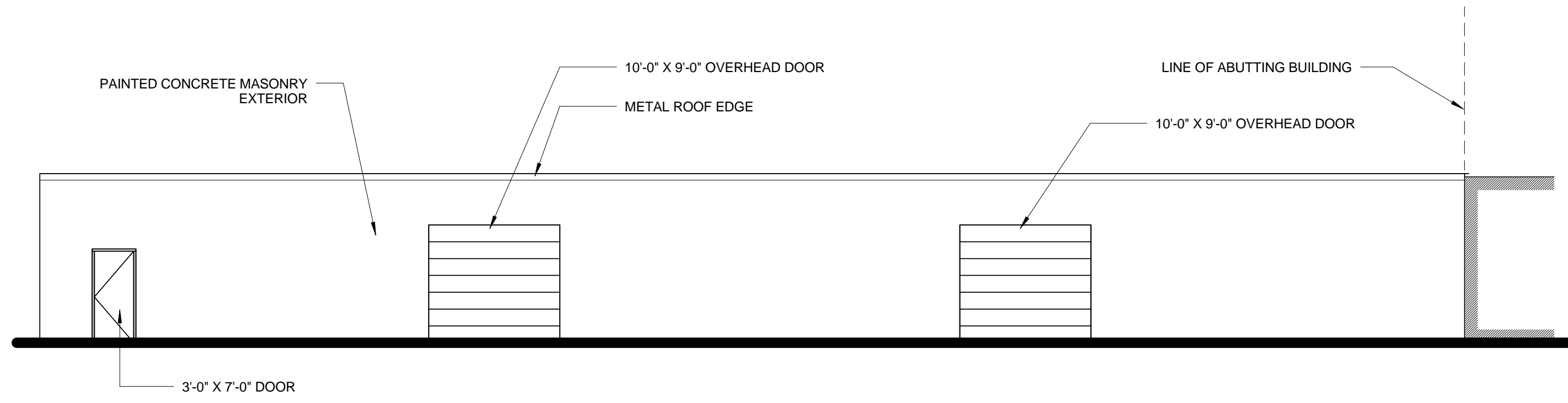
Project:
 Century Tire

Revisions:

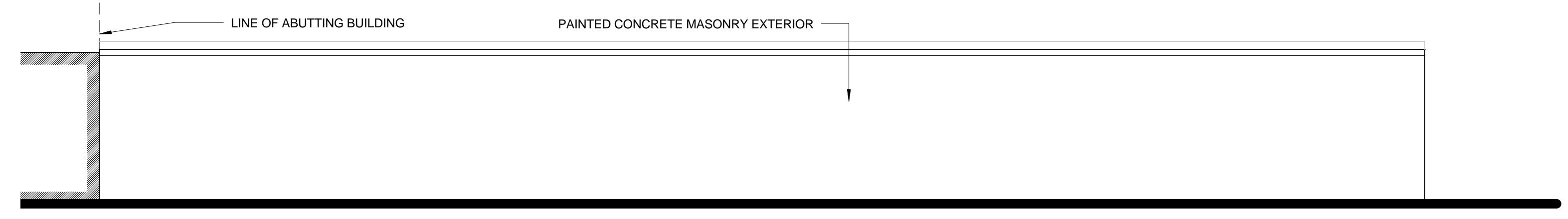
Date: 03-16-2015
 Scale: As indicated

WAREHOUSE
 ELEVATIONS

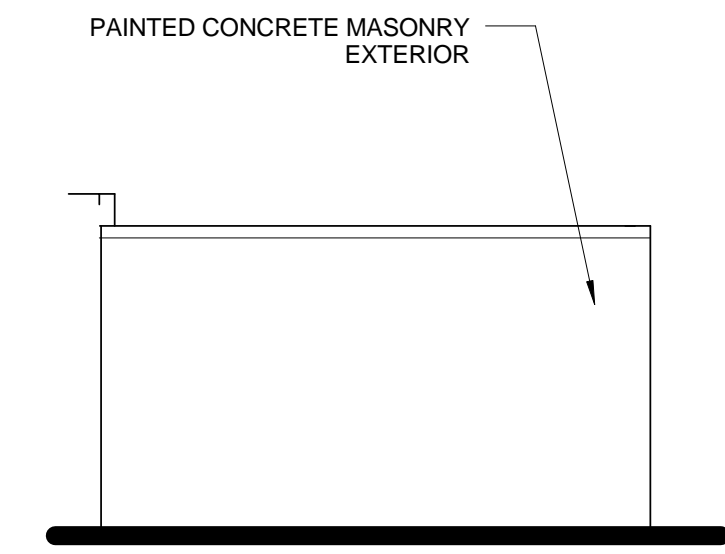
A2.03



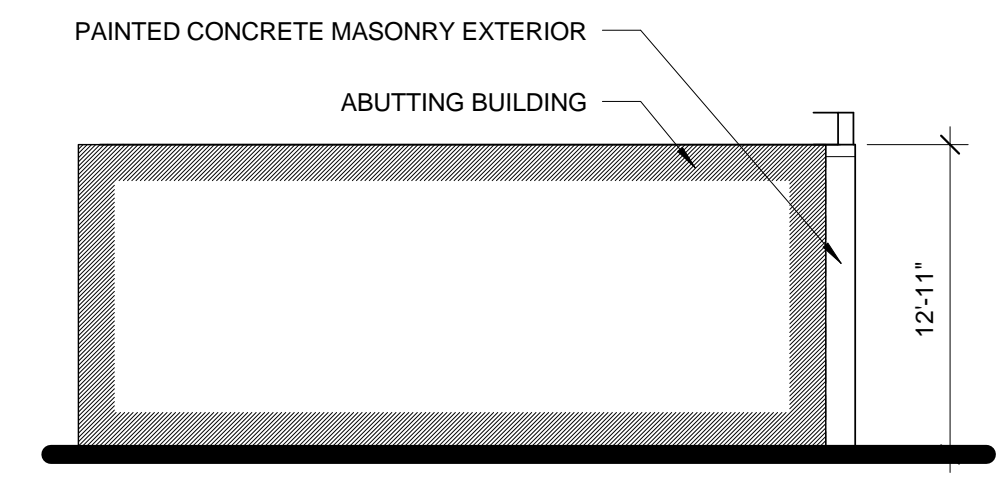
1 | WAREHOUSE NORTH ELEVATION
 1/8" = 1'-0"



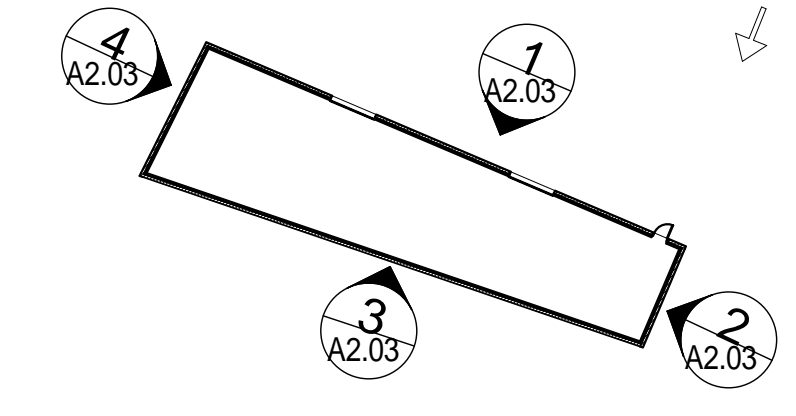
3 | WAREHOUSE SOUTH ELEVATION
 1/8" = 1'-0"



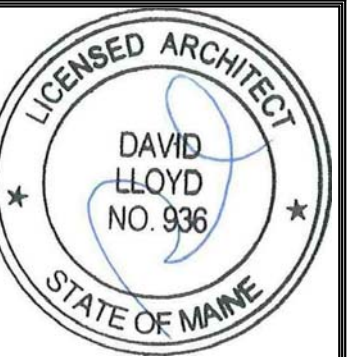
2 | WAREHOUSE EAST ELEVATION
 1/8" = 1'-0"



4 | WAREHOUSE WEST ELEVATION
 1/8" = 1'-0"



- KEY PLAN Copy 2
 1" = 40'-0"



Prepared For:
Address
City, State

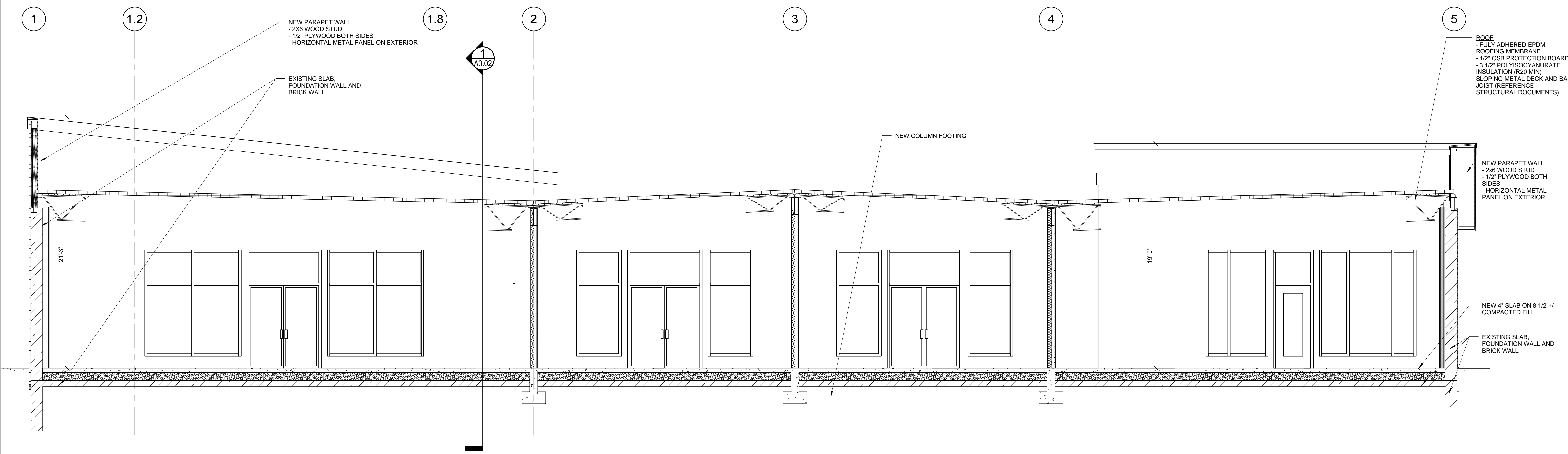
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Project:
Century Tire

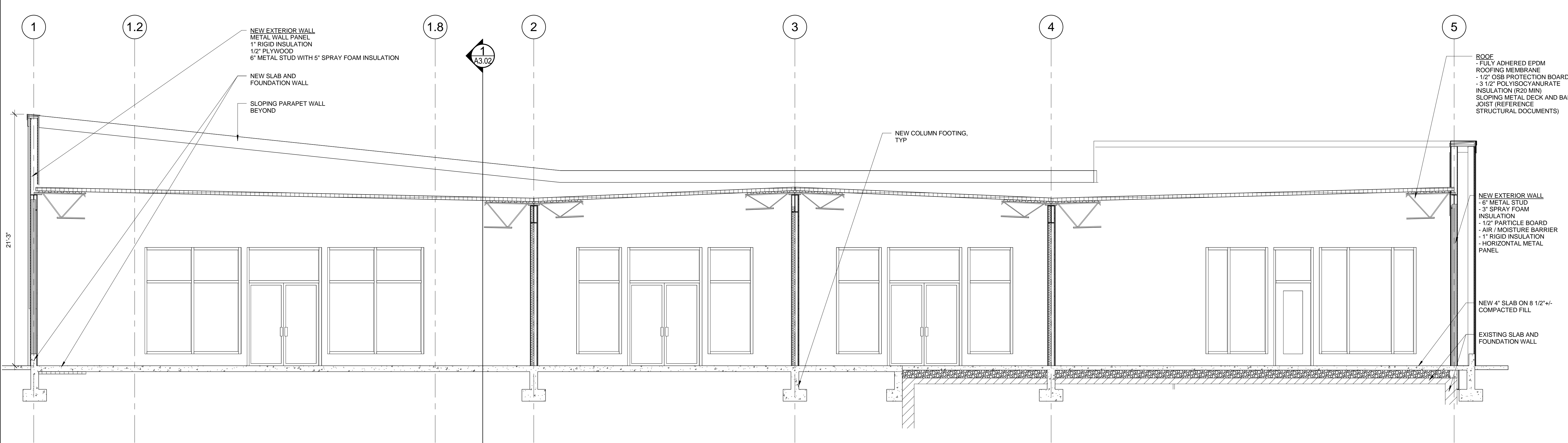
Revisions:

Date: 03-16-2015
Scale: 1/4" = 1'-0"
BUILDING SECTIONS

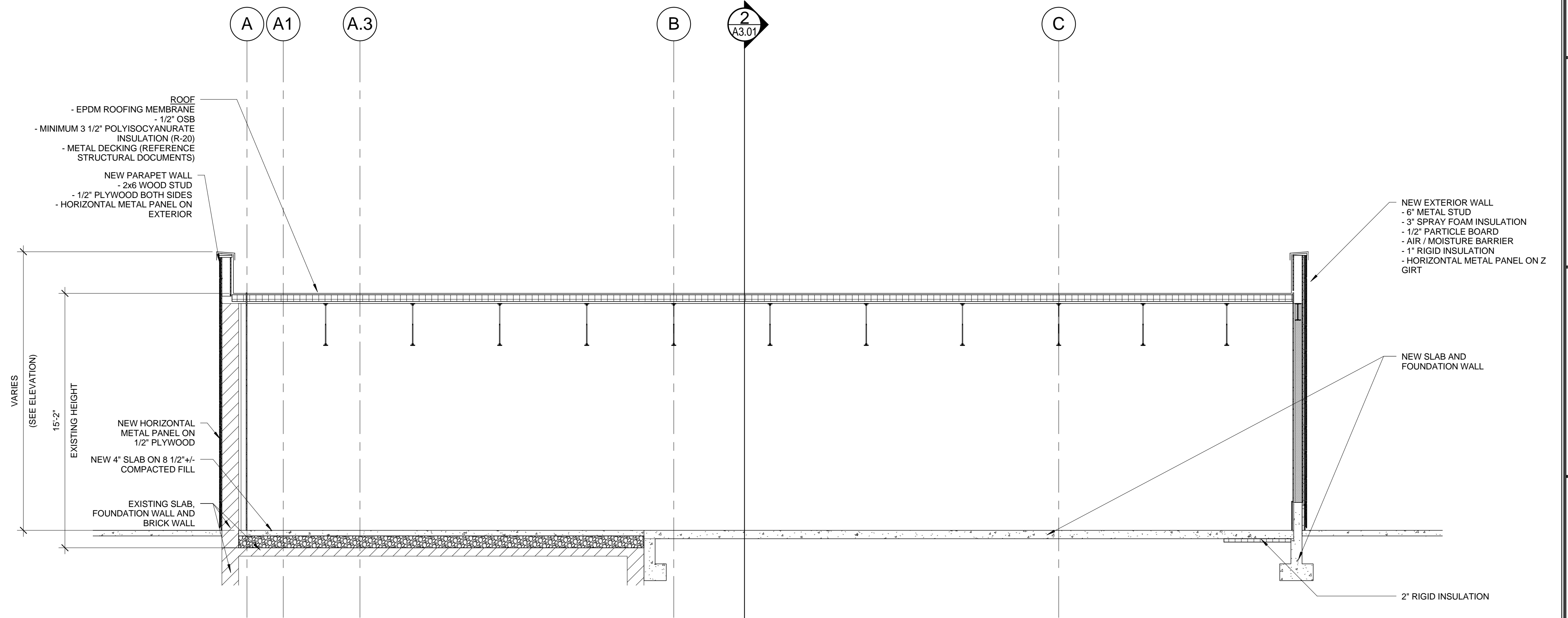
A3.01



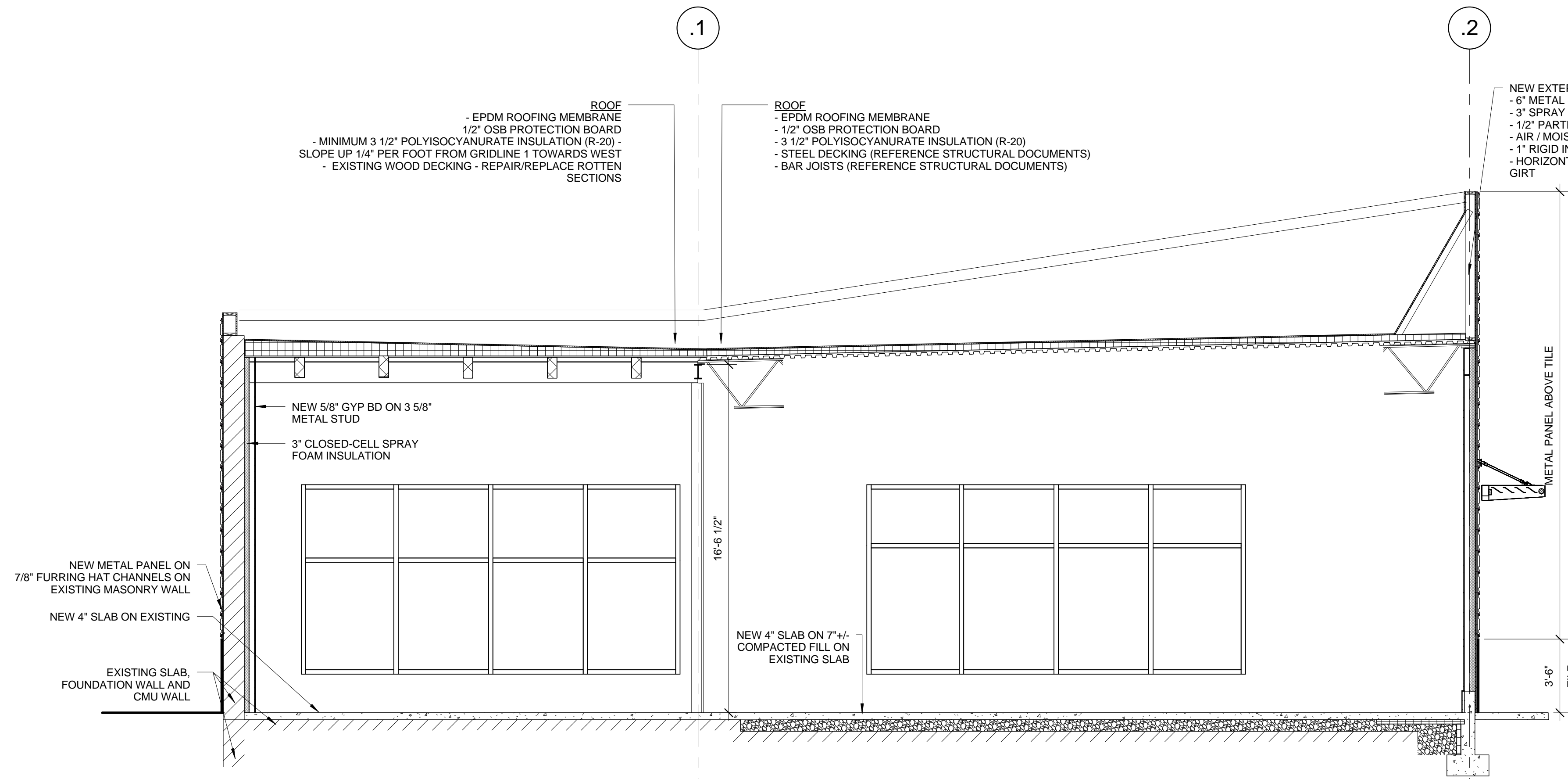
1 BUILDING B EAST-WEST SECTION THROUGH EXISTING BRICK WALLS
1/4" = 1'-0"



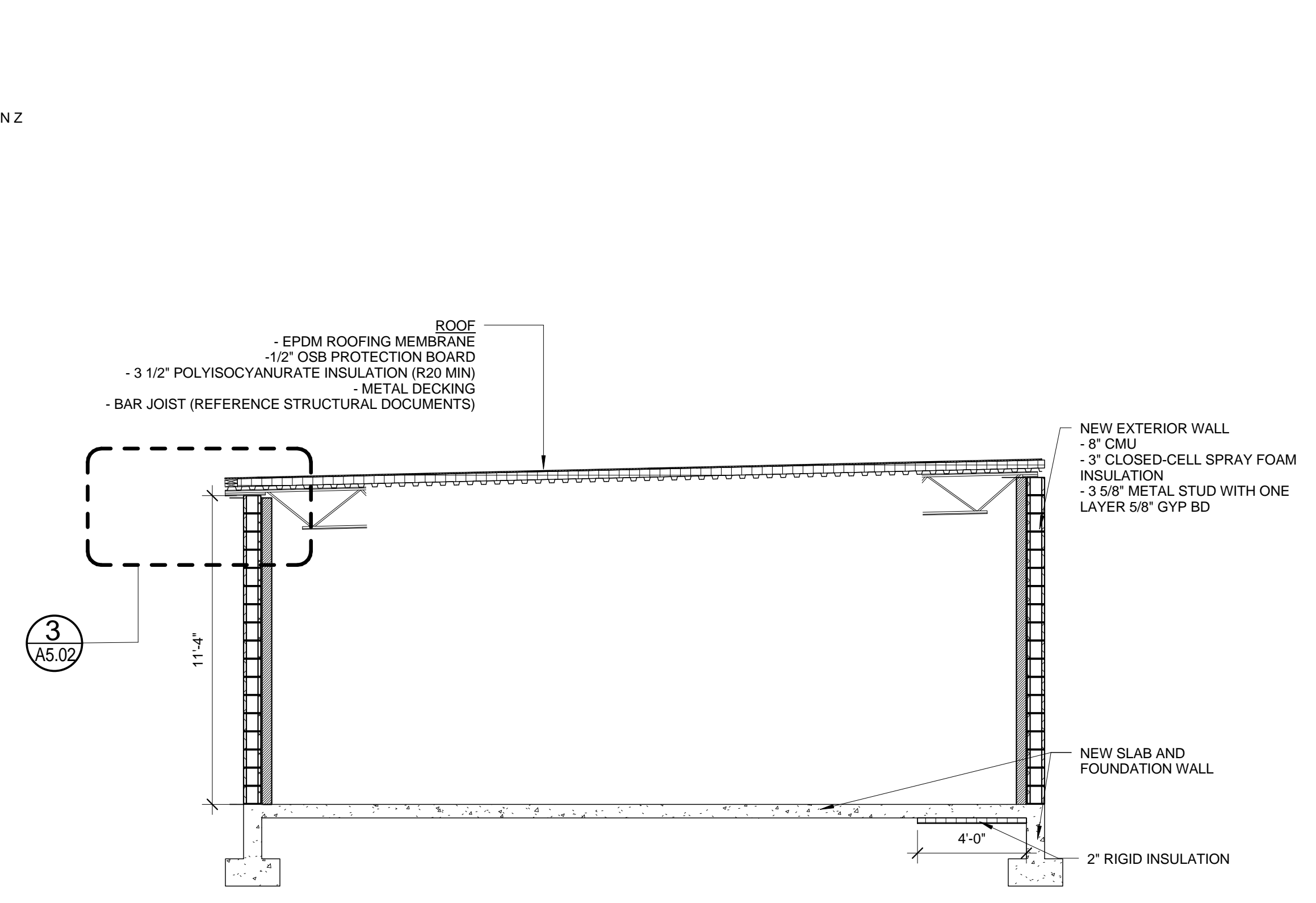
2 BUILDING B EAST-WEST SECTION THROUGH EXISTING AND NEW AREA
1/4" = 1'-0"



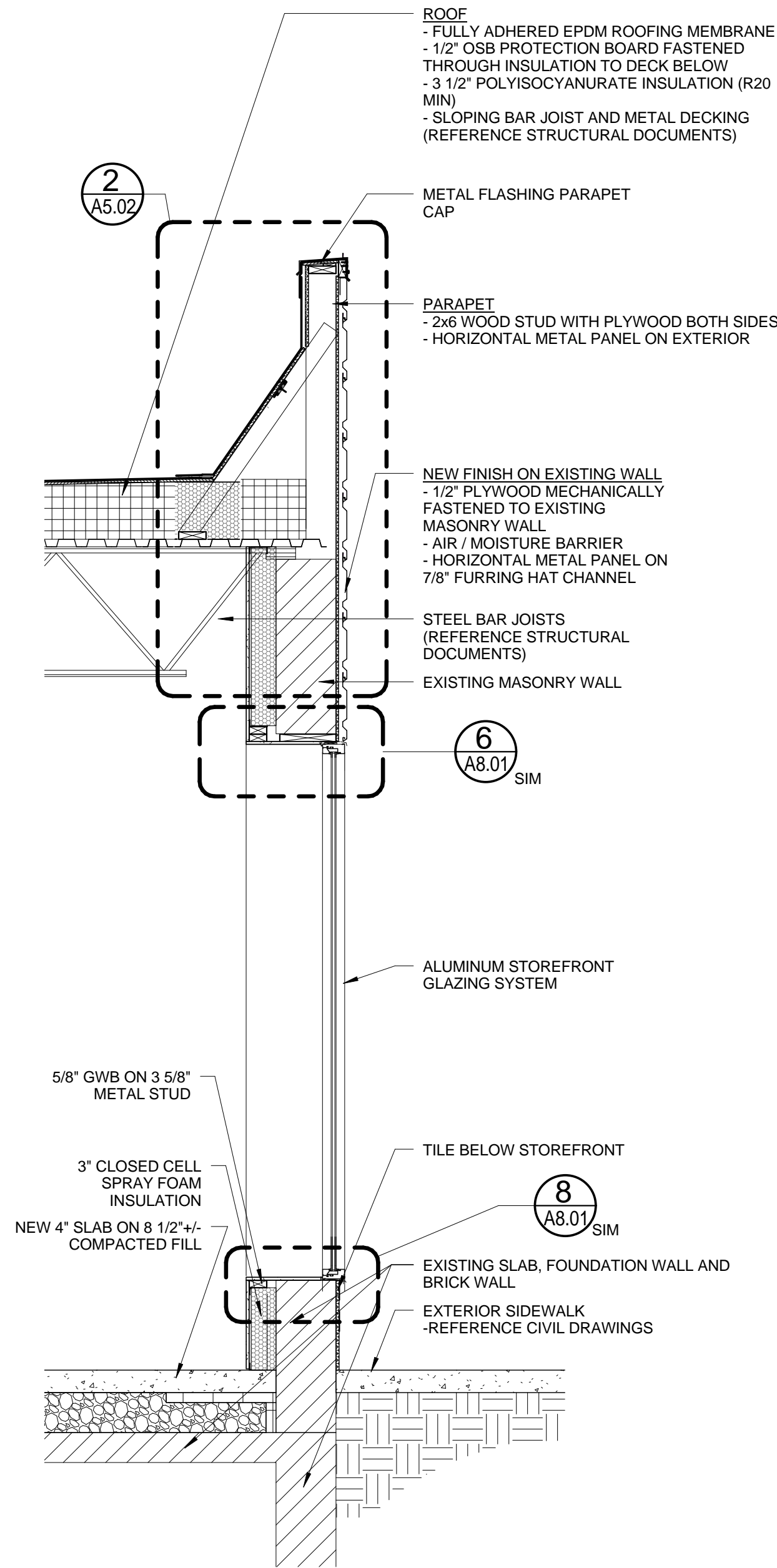
1 BUILDING B NORTH-SOUTH SECTION
1/4" = 1'-0"



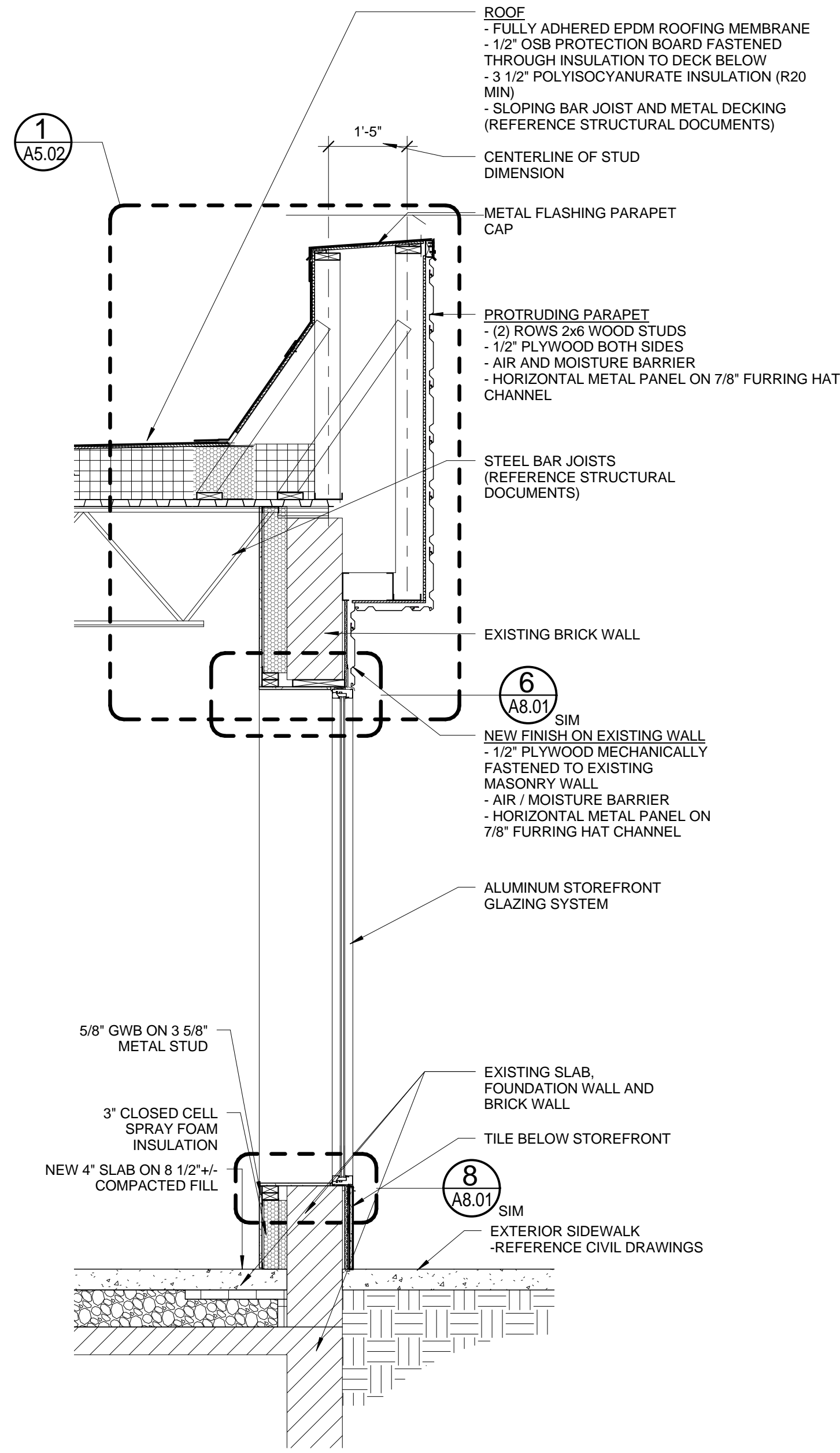
2 BUILDING A SECTION
1/4" = 1'-0"



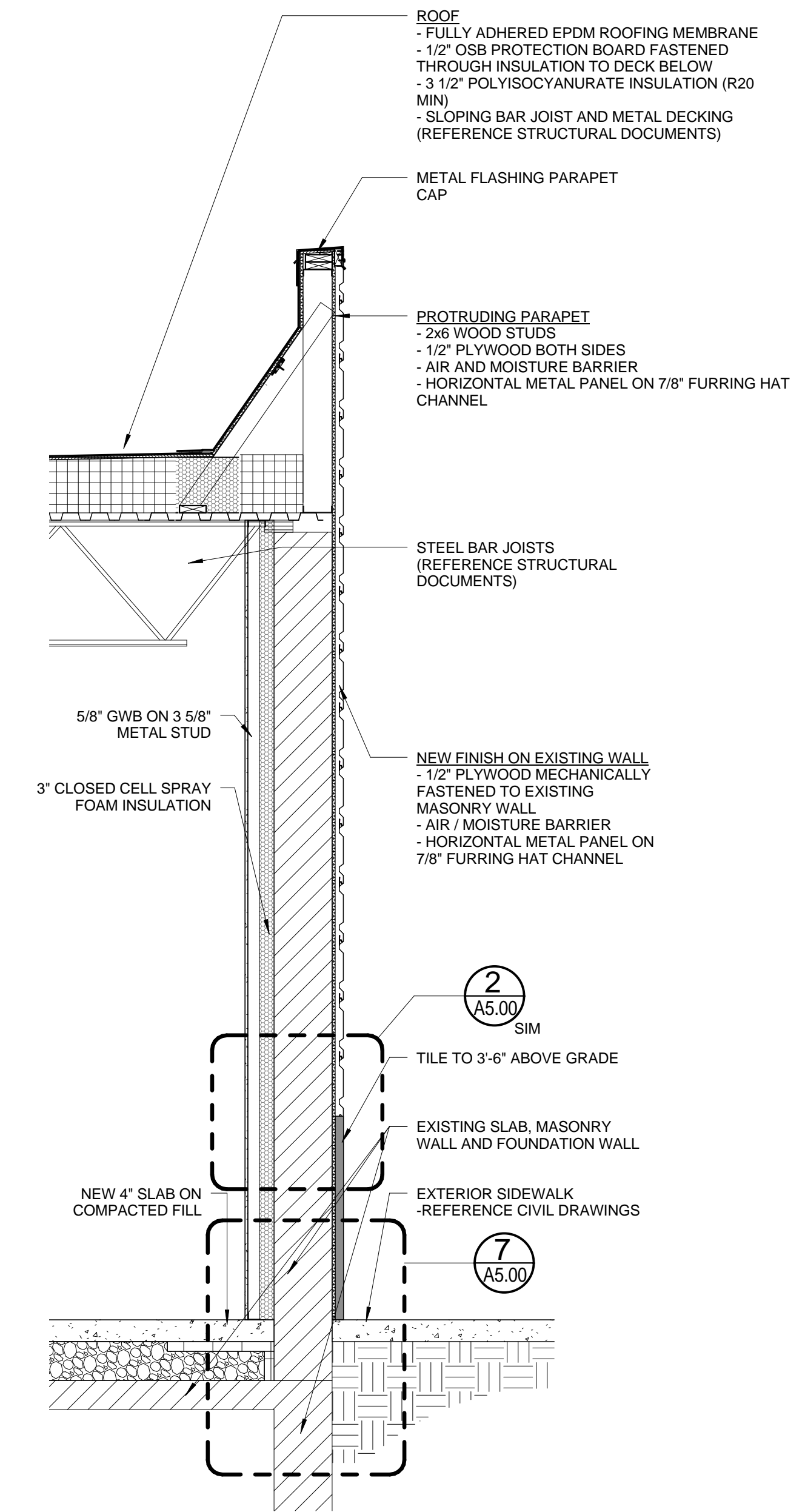
3 WAREHOUSE NORTH-SOUTH SECTION
1/4" = 1'-0"



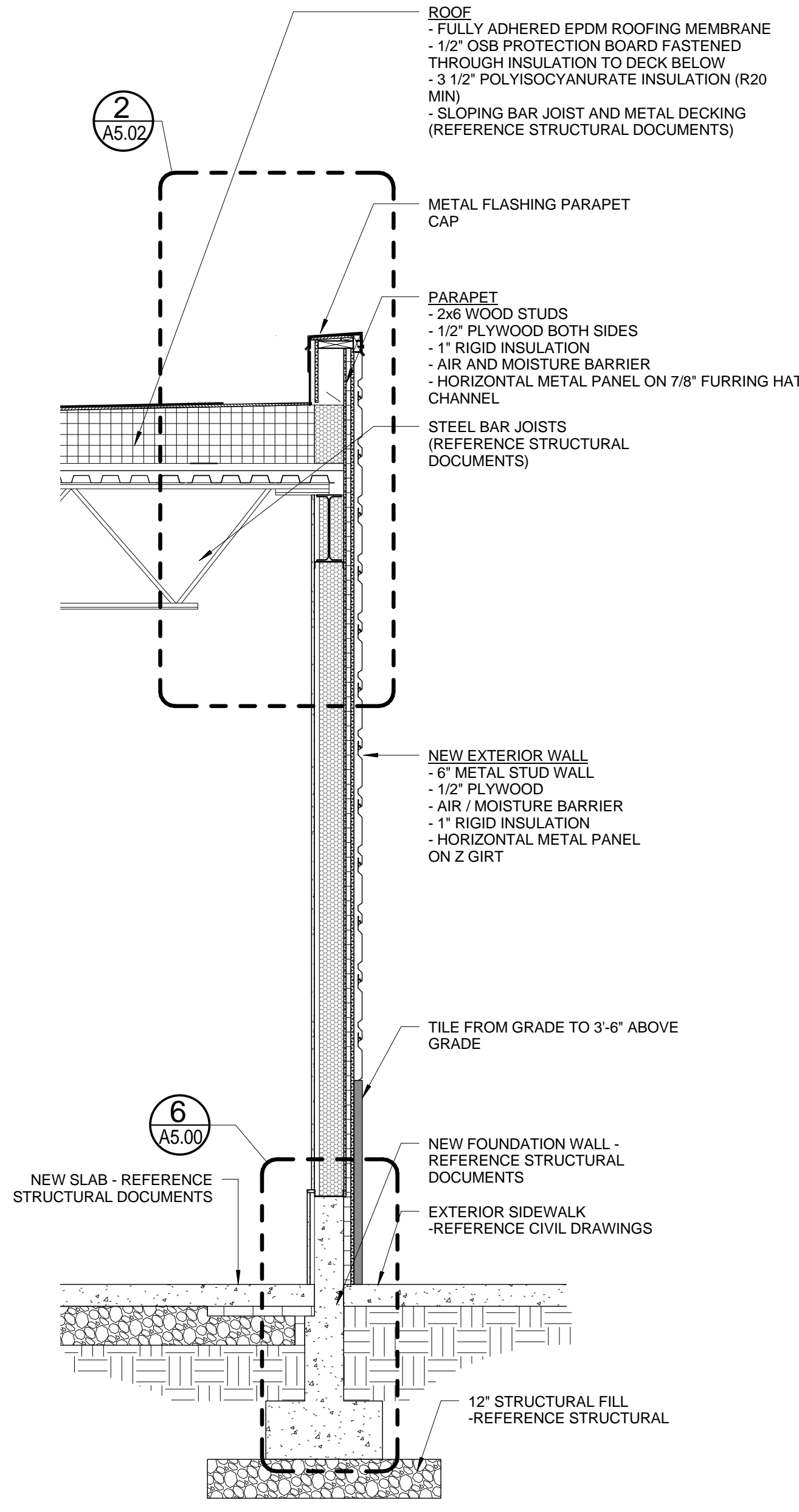
1 WALL SECT. AT EXIST. MASONRY WALL AT STOREFRONT
1/2" = 1'-0"



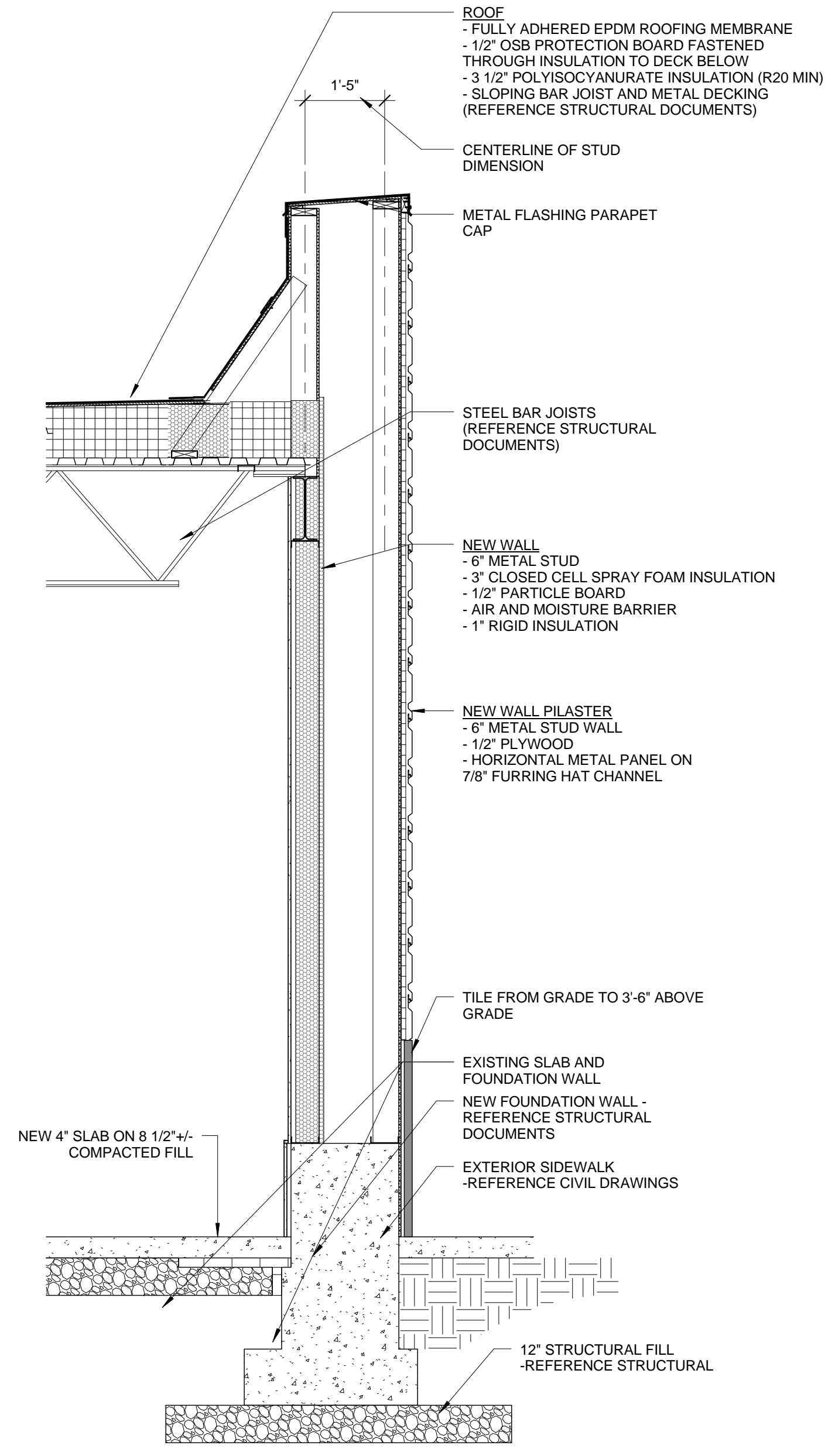
2 WALL SECT. AT EXIST. MASONRY WALL W/ PROJECTING PARAPET
1/2" = 1'-0"



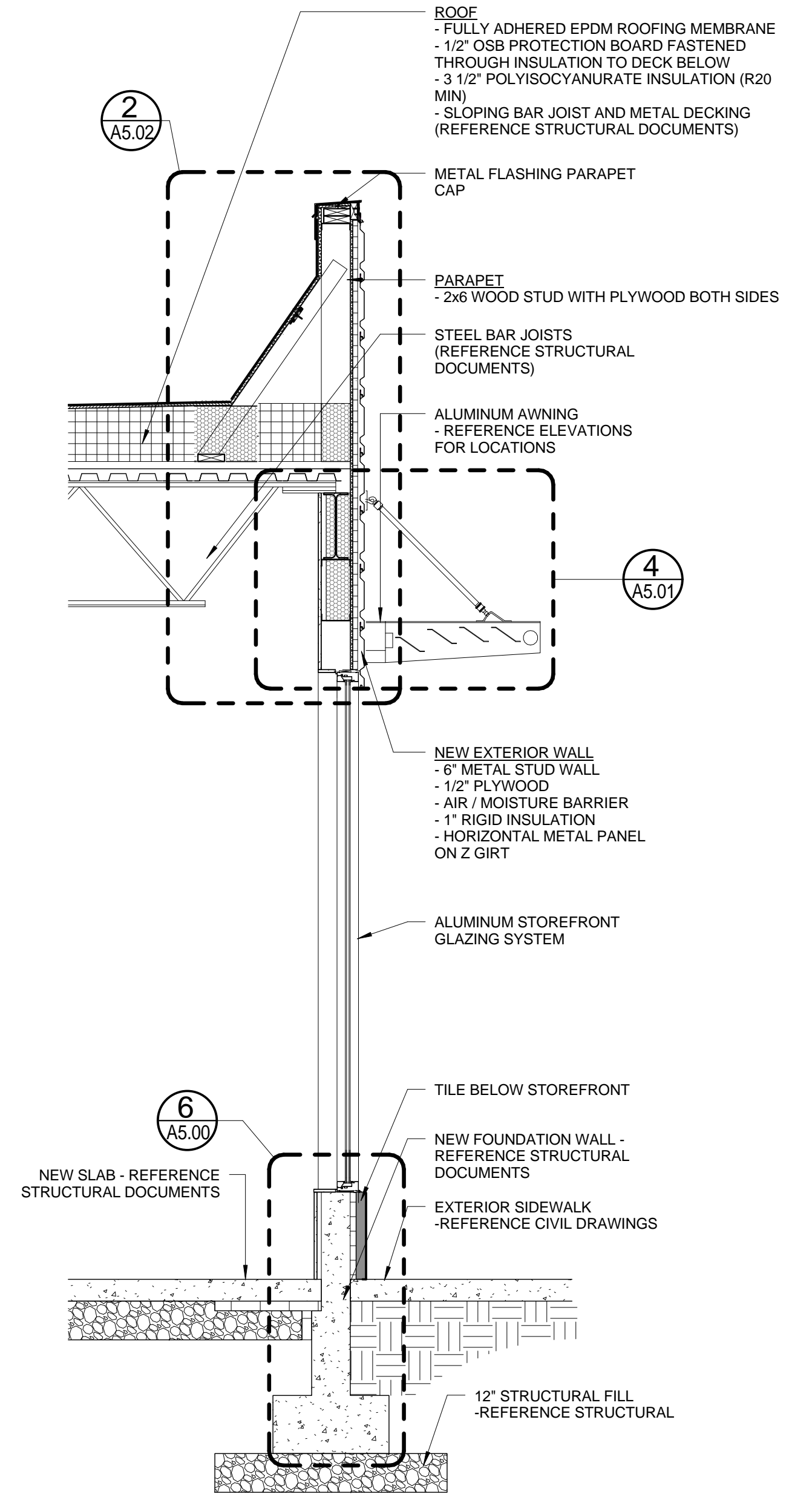
3 WALL SECTION AT EXIST. MASONRY WALL
1/2" = 1'-0"



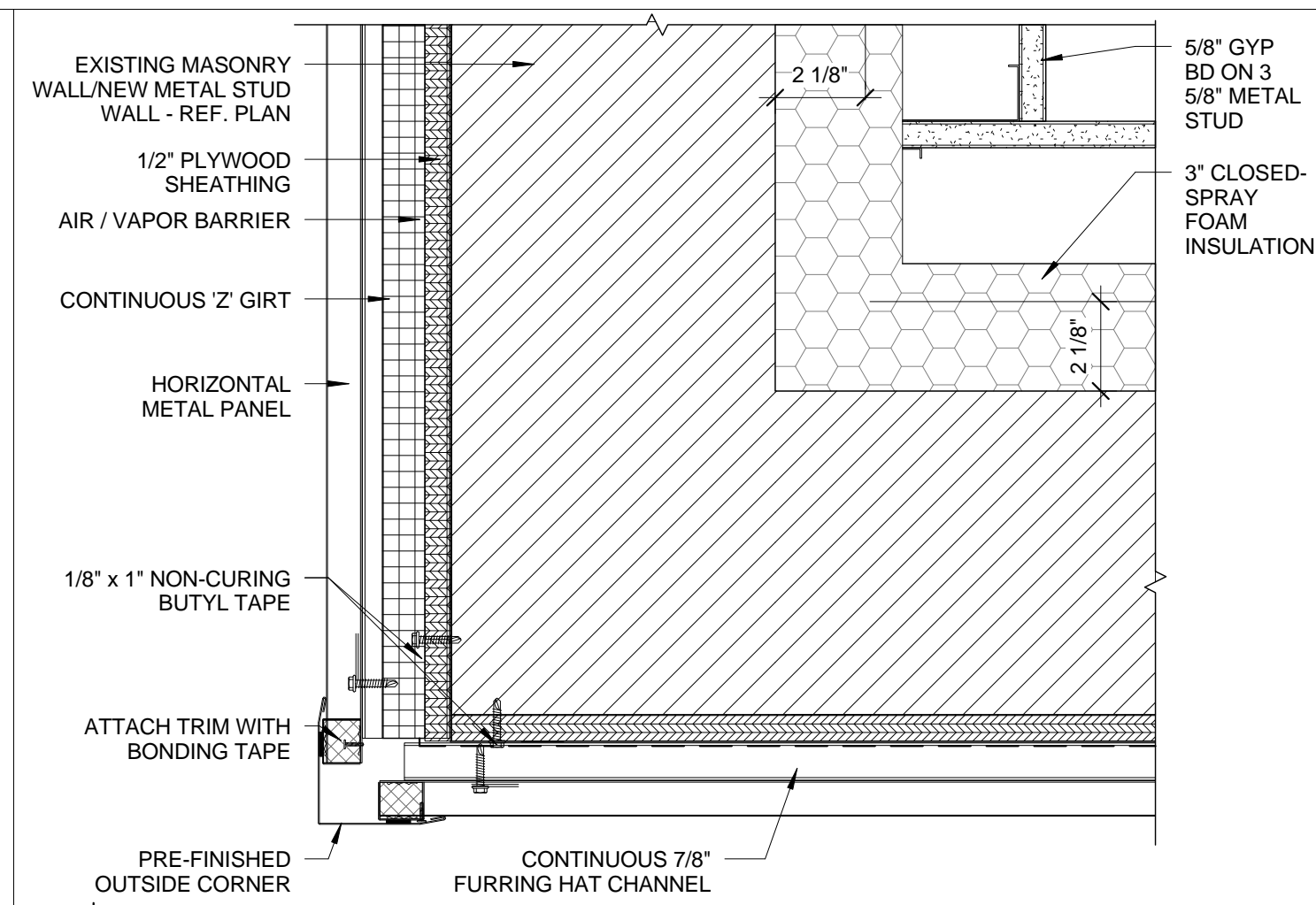
1 | WALL SECTION AT TYP. NEW WALL
 1/2" = 1'-0"



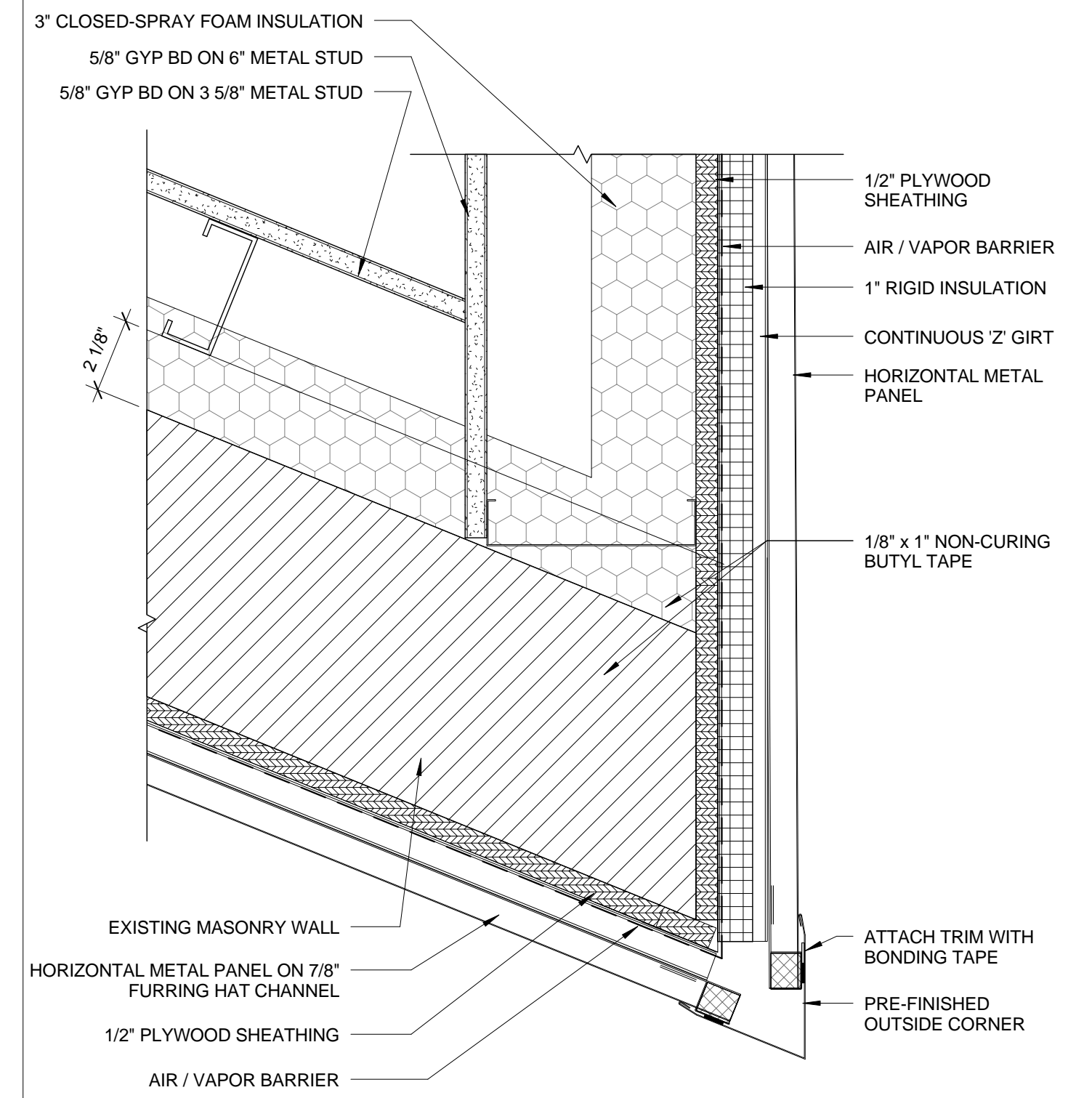
2 | WALL SECTION AT PILASTER
 1/2" = 1'-0"



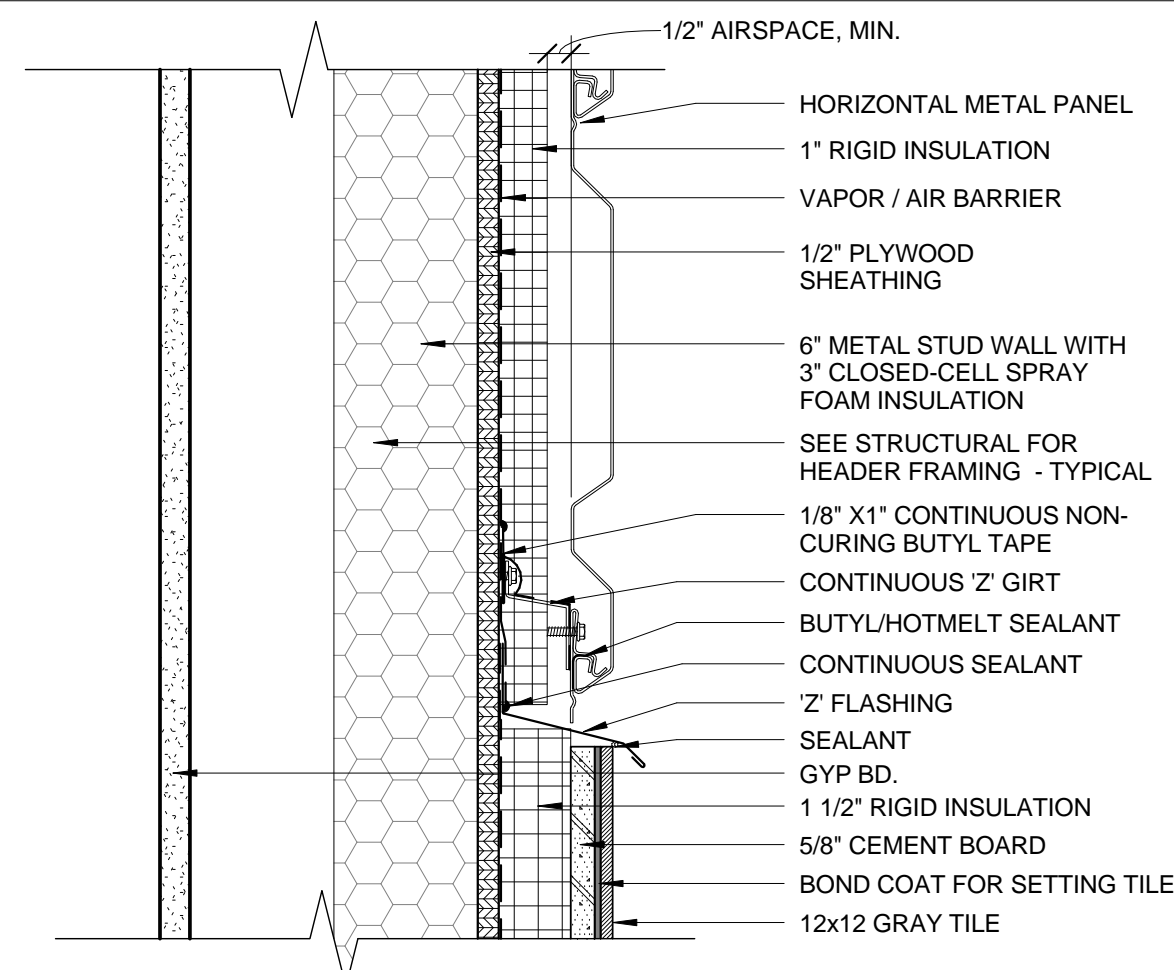
3 | WALL SECTION AT TYP. NEW WALL AT STOREFRONT
 1/2" = 1'-0"



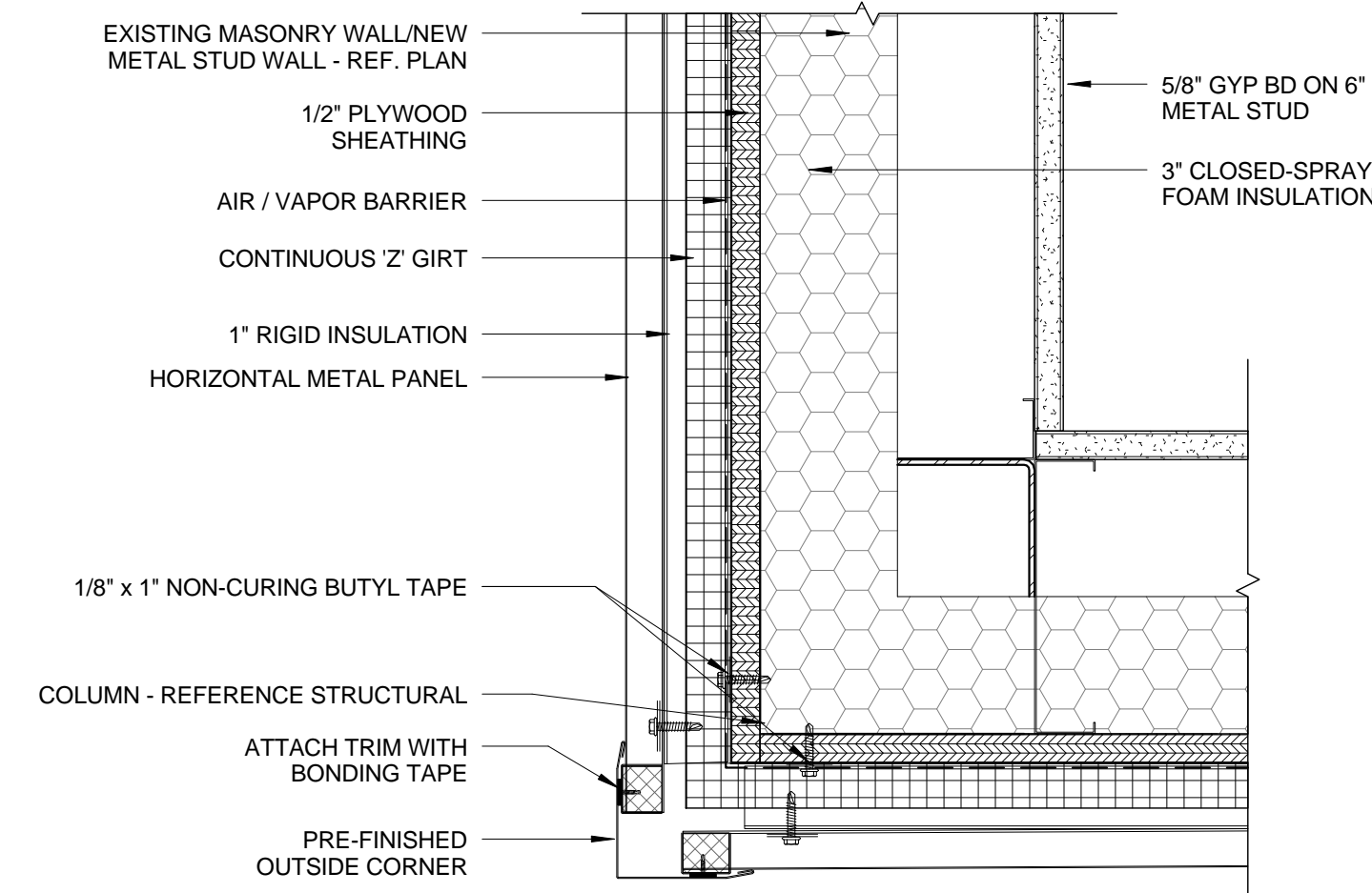
1 EXT. OUTSIDE CORNER - MSNRY W/ MTL PNL BLDG B
3" = 1'-0"



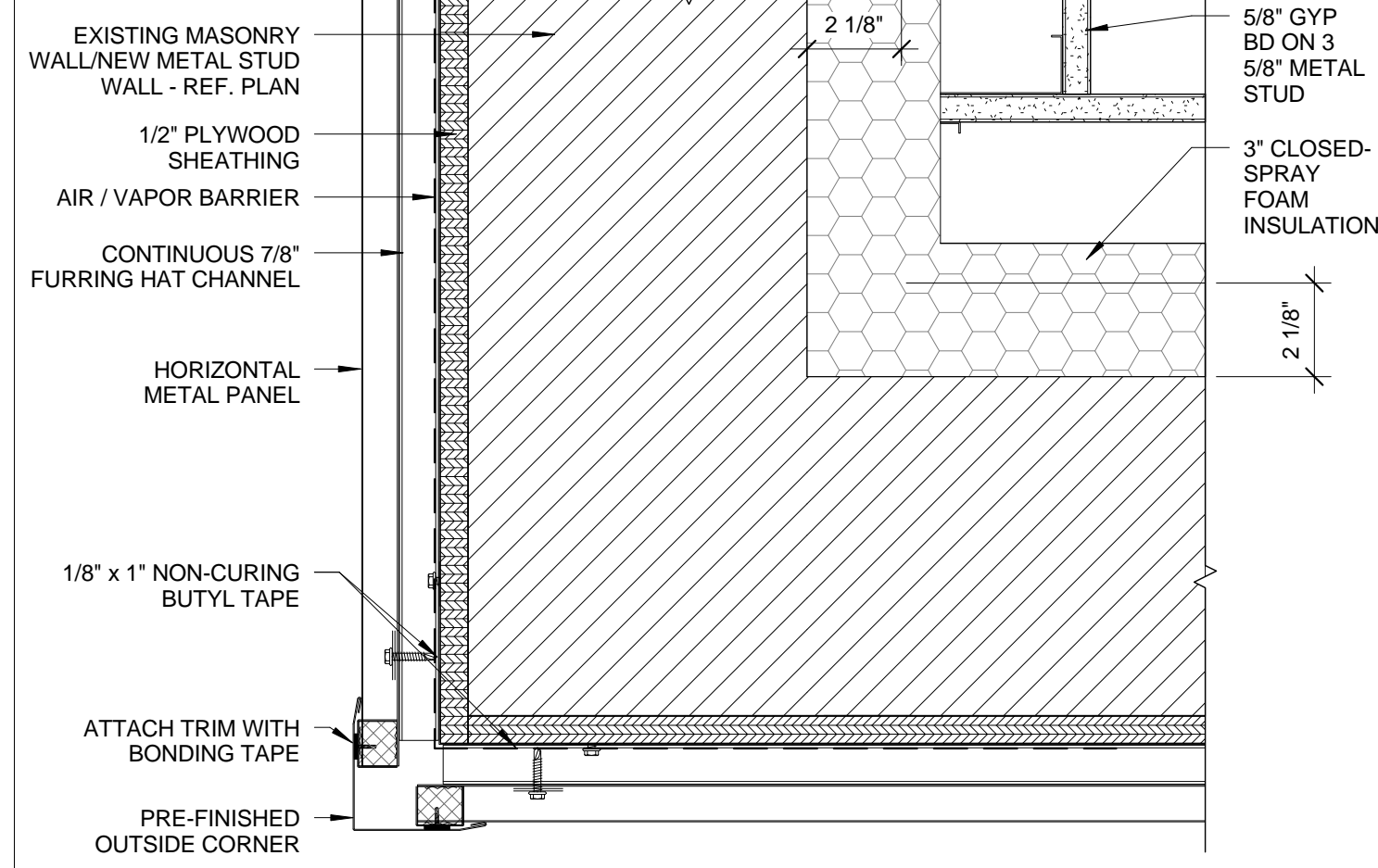
5 BUILDING B SOUTHEAST CORNER
3" = 1'-0"



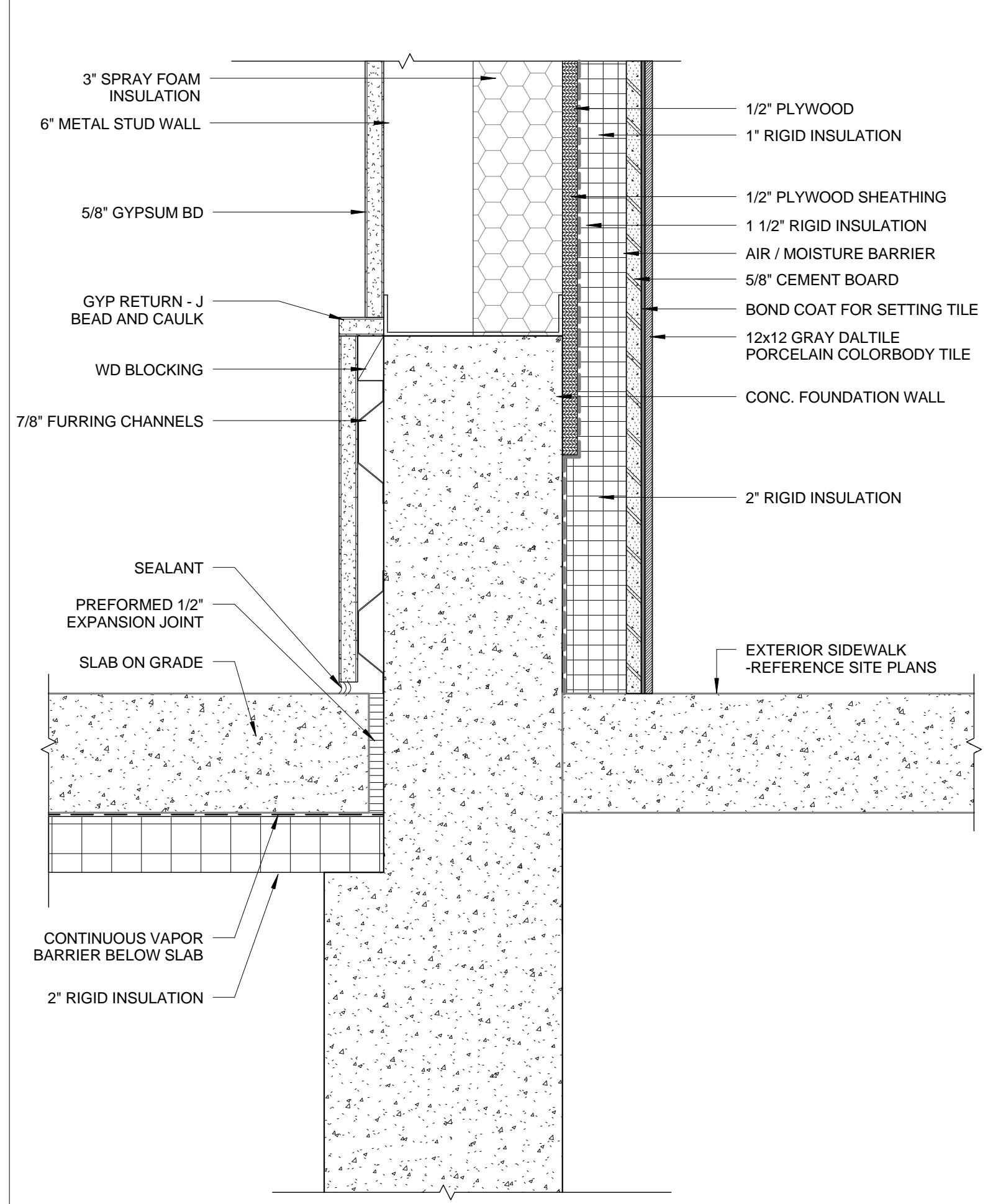
2 UNA-CLAD/TILE TRANSITION DETAIL
3" = 1'-0"



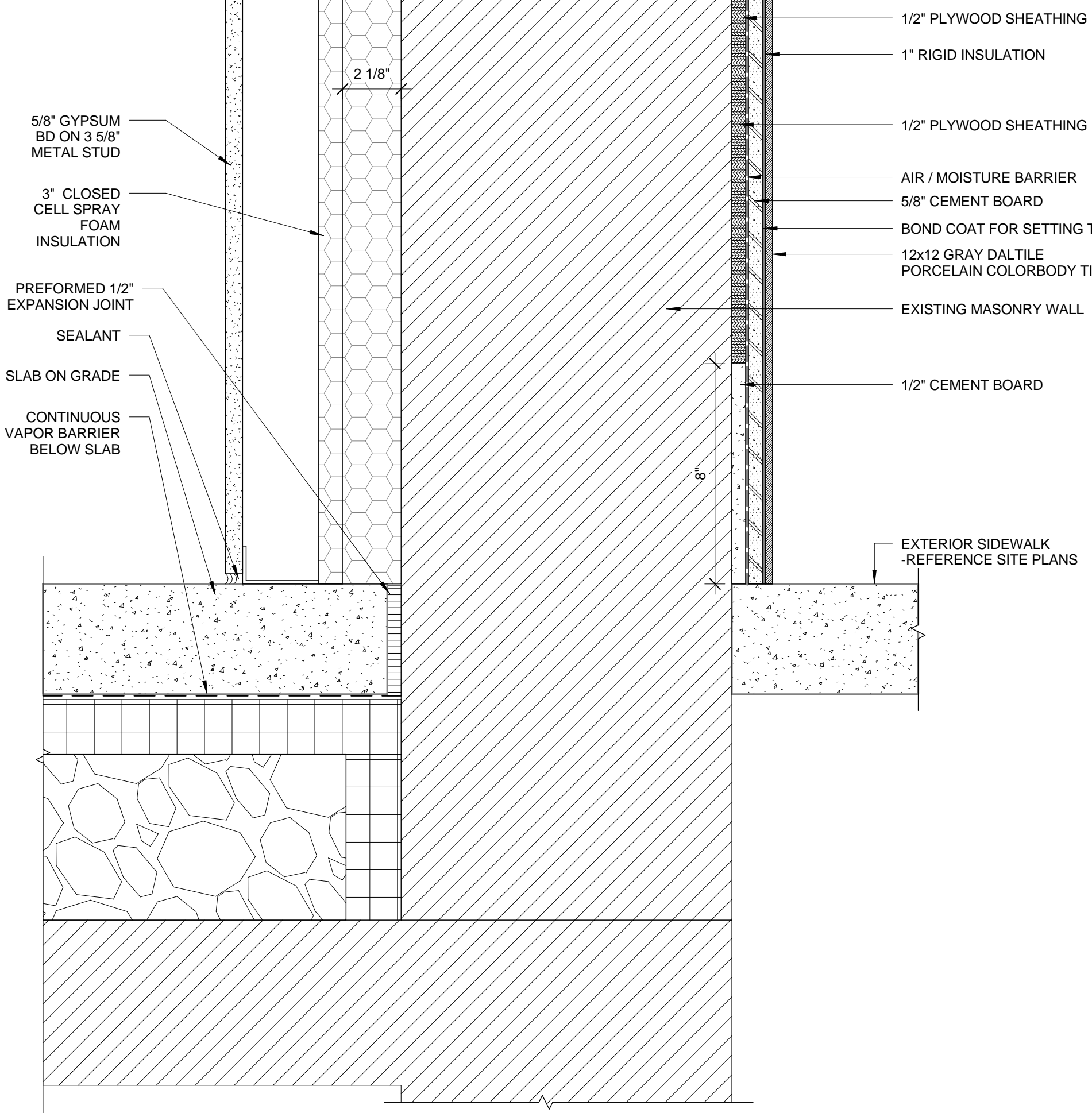
3 EXT OUTSIDE CORNER METAL STUD W/ METAL PANEL
3" = 1'-0"



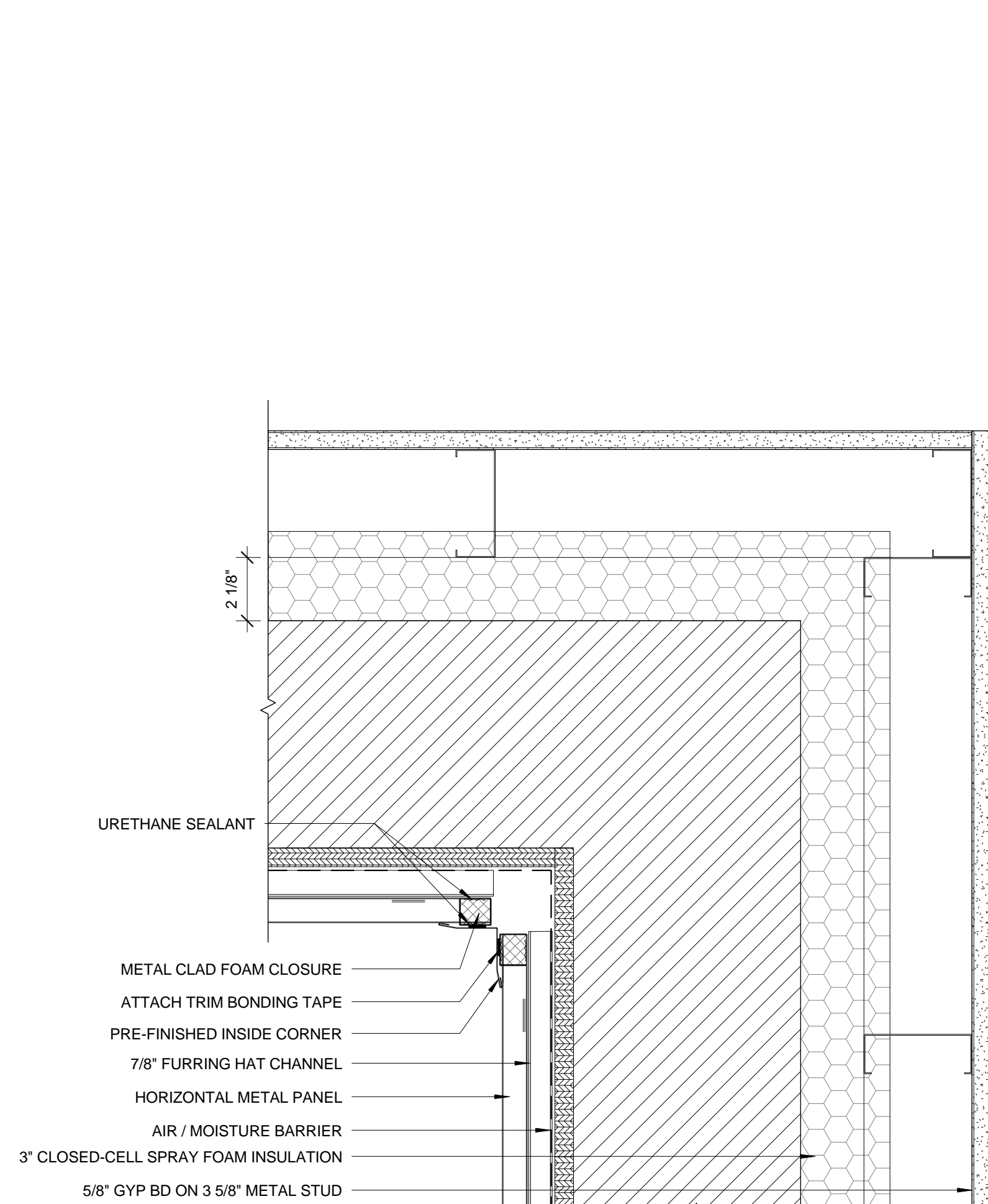
4 EXT. OUTSIDE CORNER - MASONRY W/ METAL PANEL
3" = 1'-0"



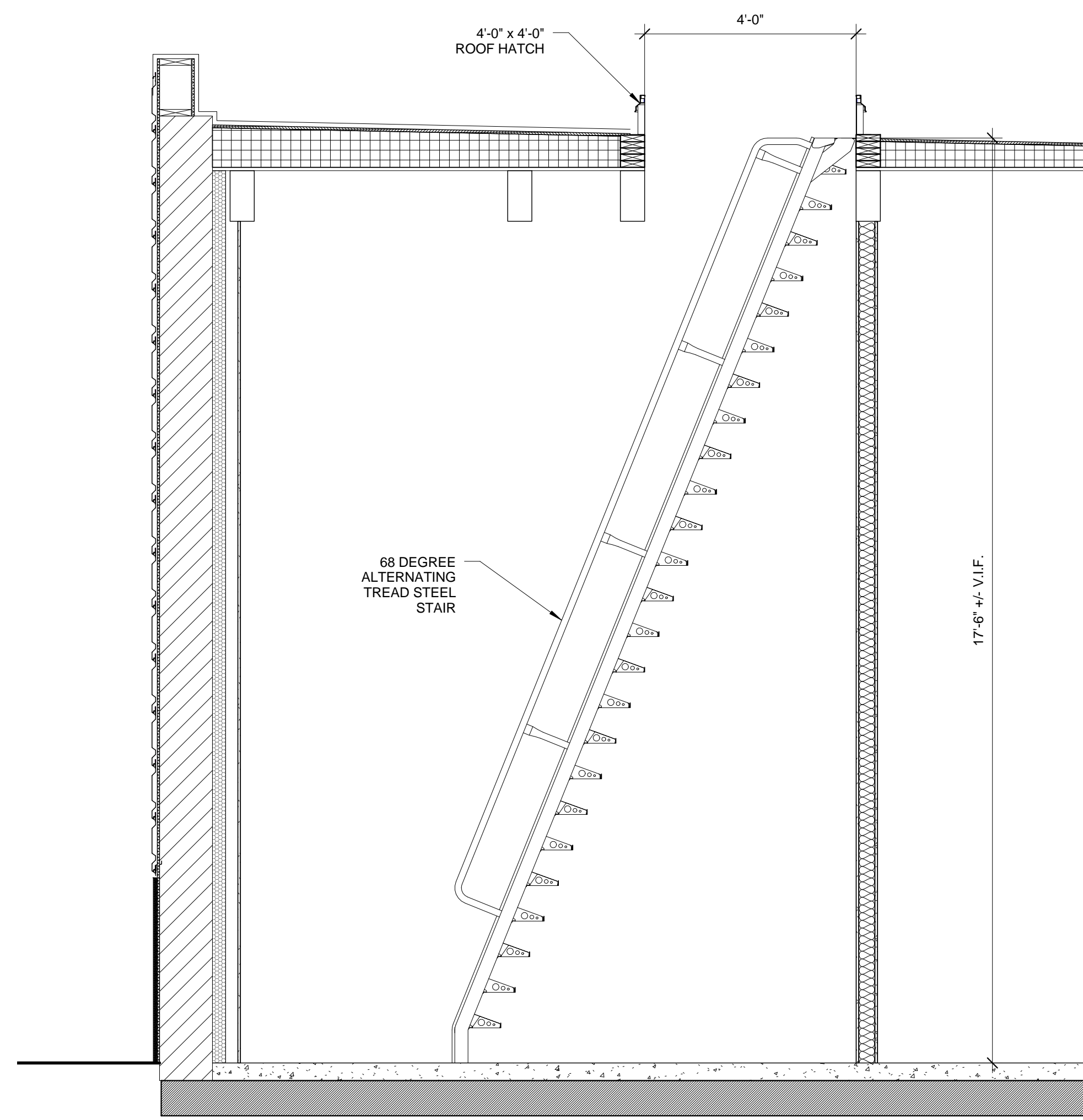
6 BASE OF NEW METAL STUD WALL-UNA CLAD
3" = 1'-0"



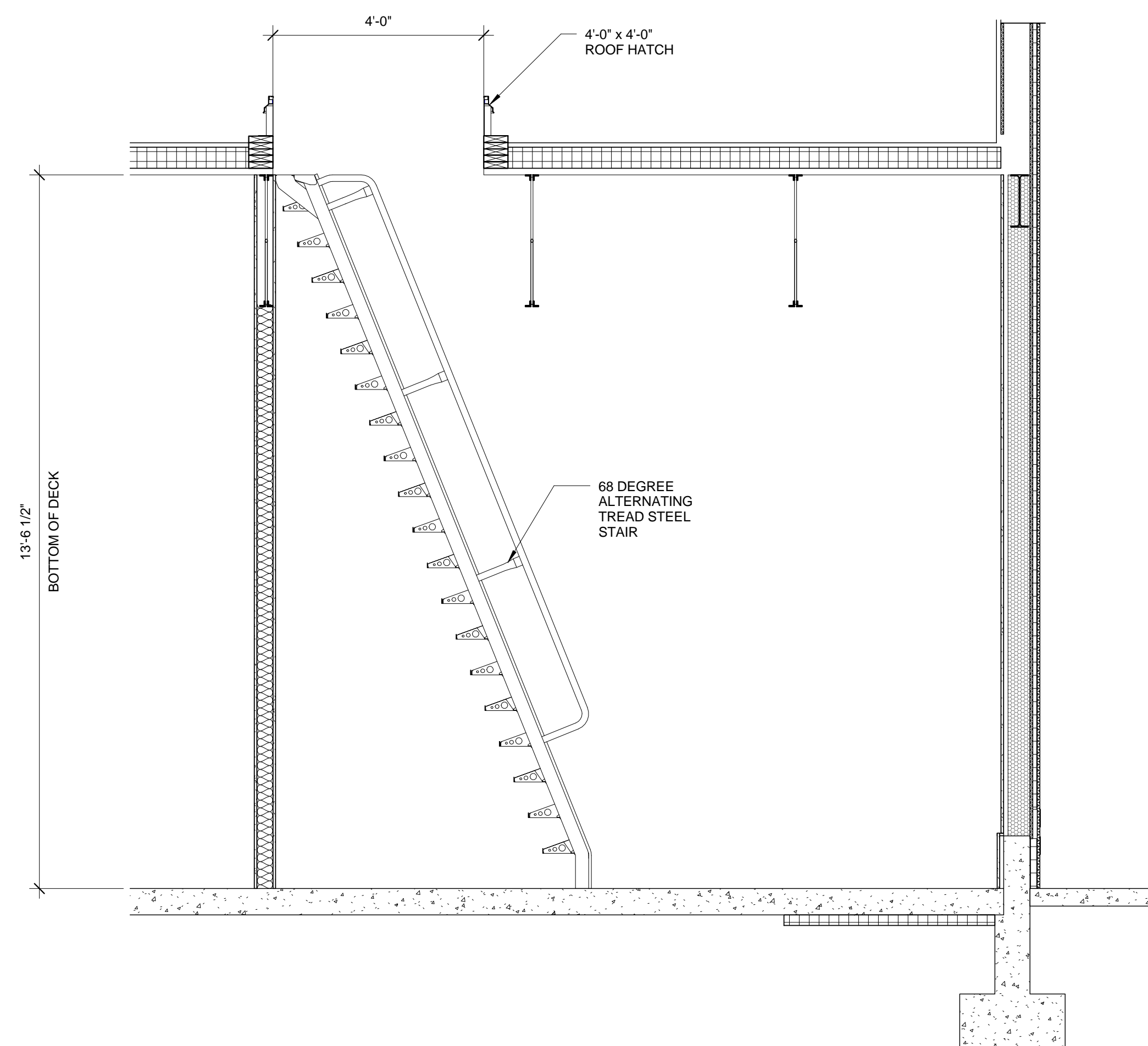
7 BASE OF TILED WALL AT EXISTING MASONRY WALL
3" = 1'-0"



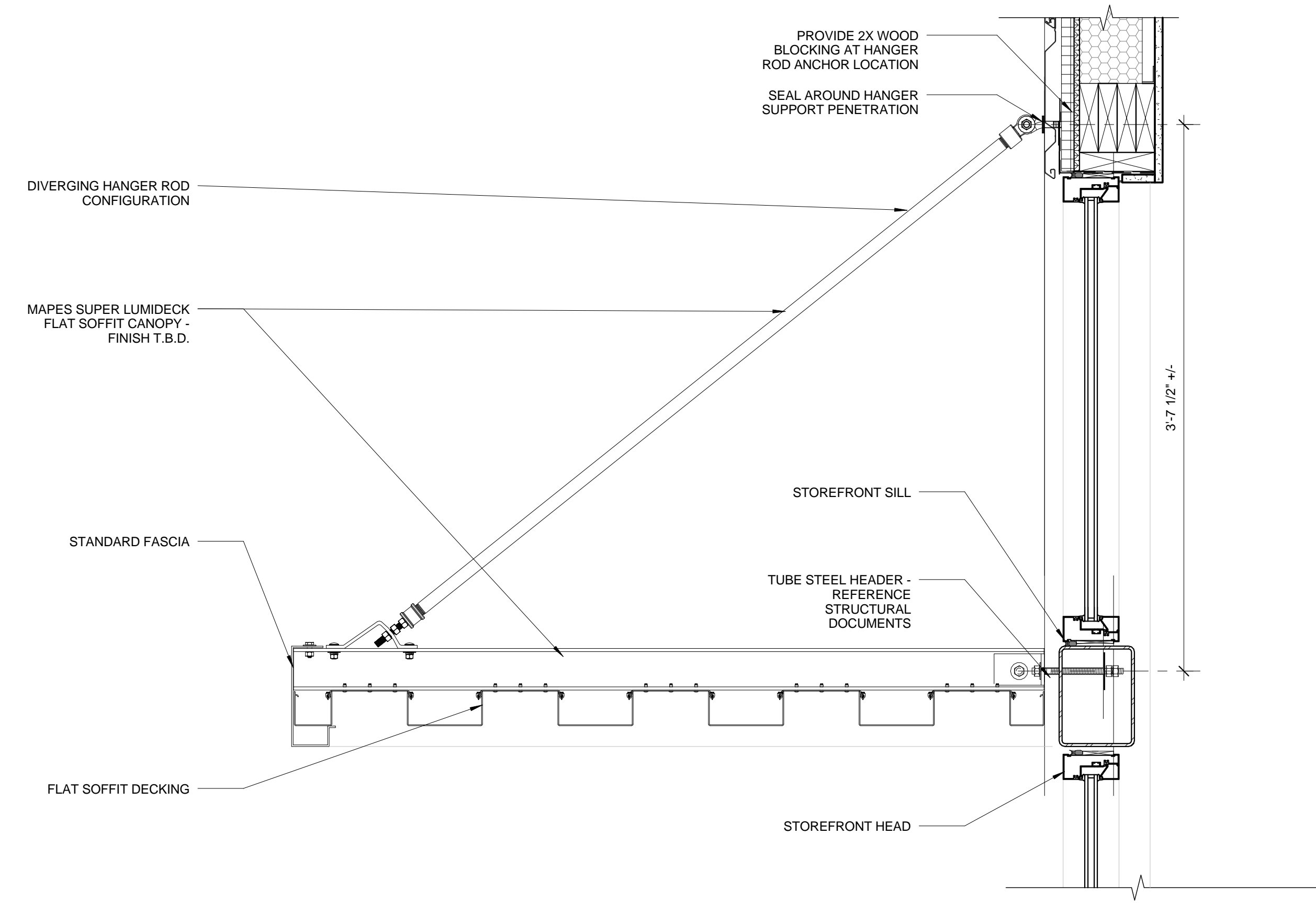
8 EXTERIOR INSIDE CORNER- EXG MASONRY WALL
3" = 1'-0"



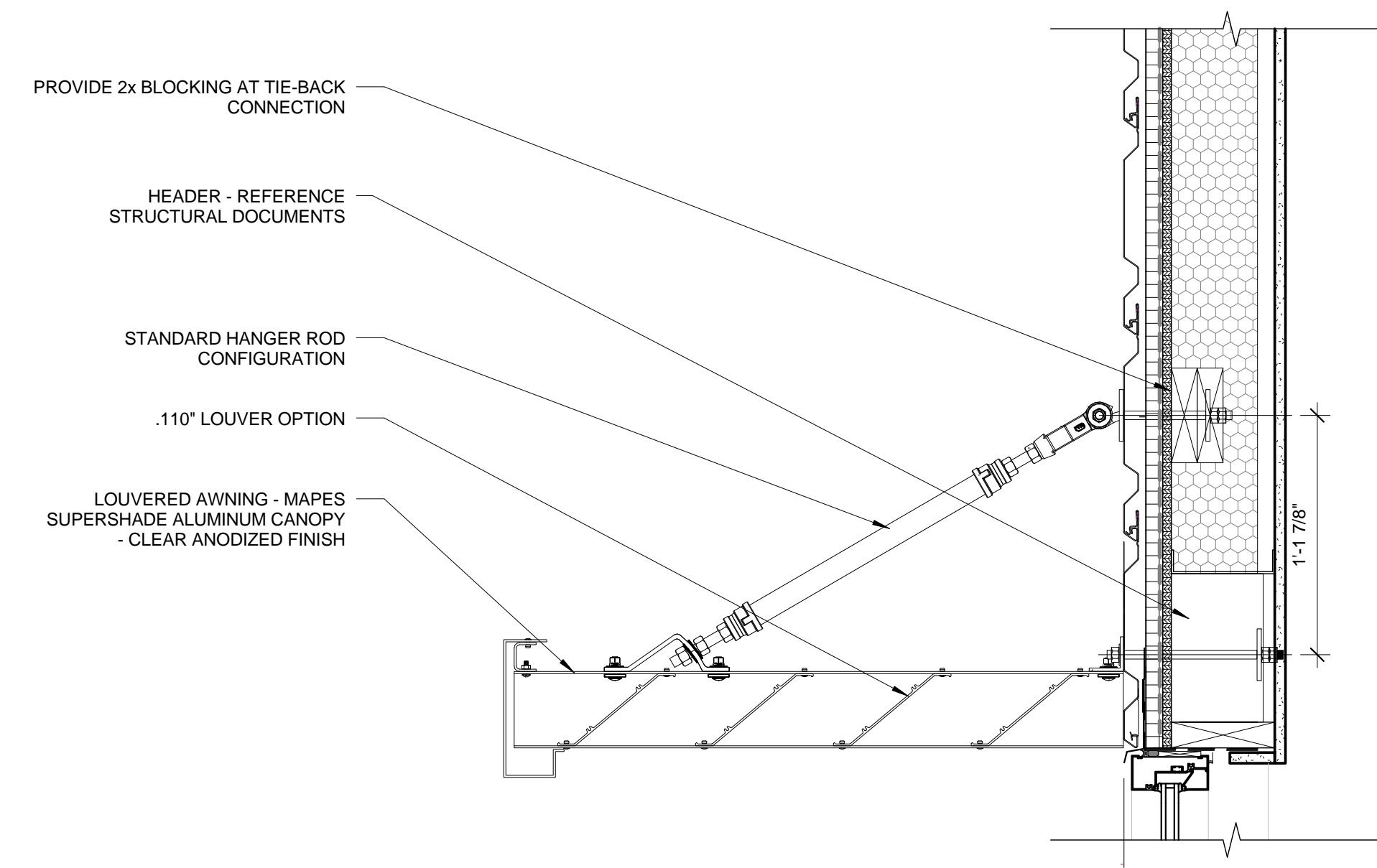
1 SECTION THROUGH BUILDING A ALTERNATING TREAD STAIR
1/2" = 1'-0"



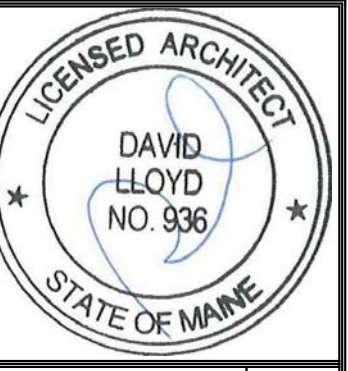
3 ALTERNATING TREAD STAIR SECTION - BUILDING B
1/2" = 1'-0"



2 CHIPOTLE AWNING DETAIL
1 1/2" = 1'-0"



4 AWNING DETAIL
1 1/2" = 1'-0"



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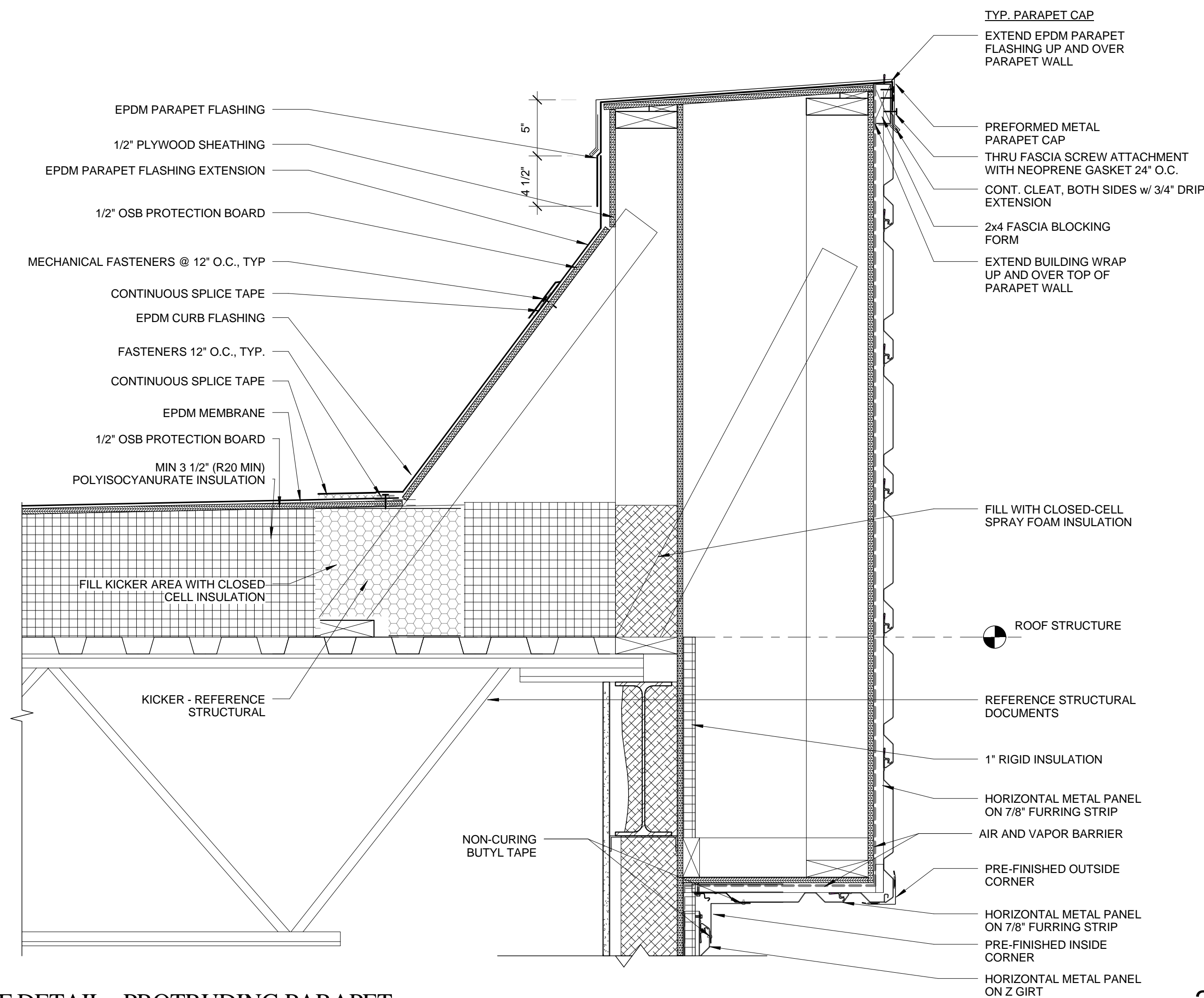
Project: Century Tire

Revisions:

Date: 03-16-2015
Scale: As indicated

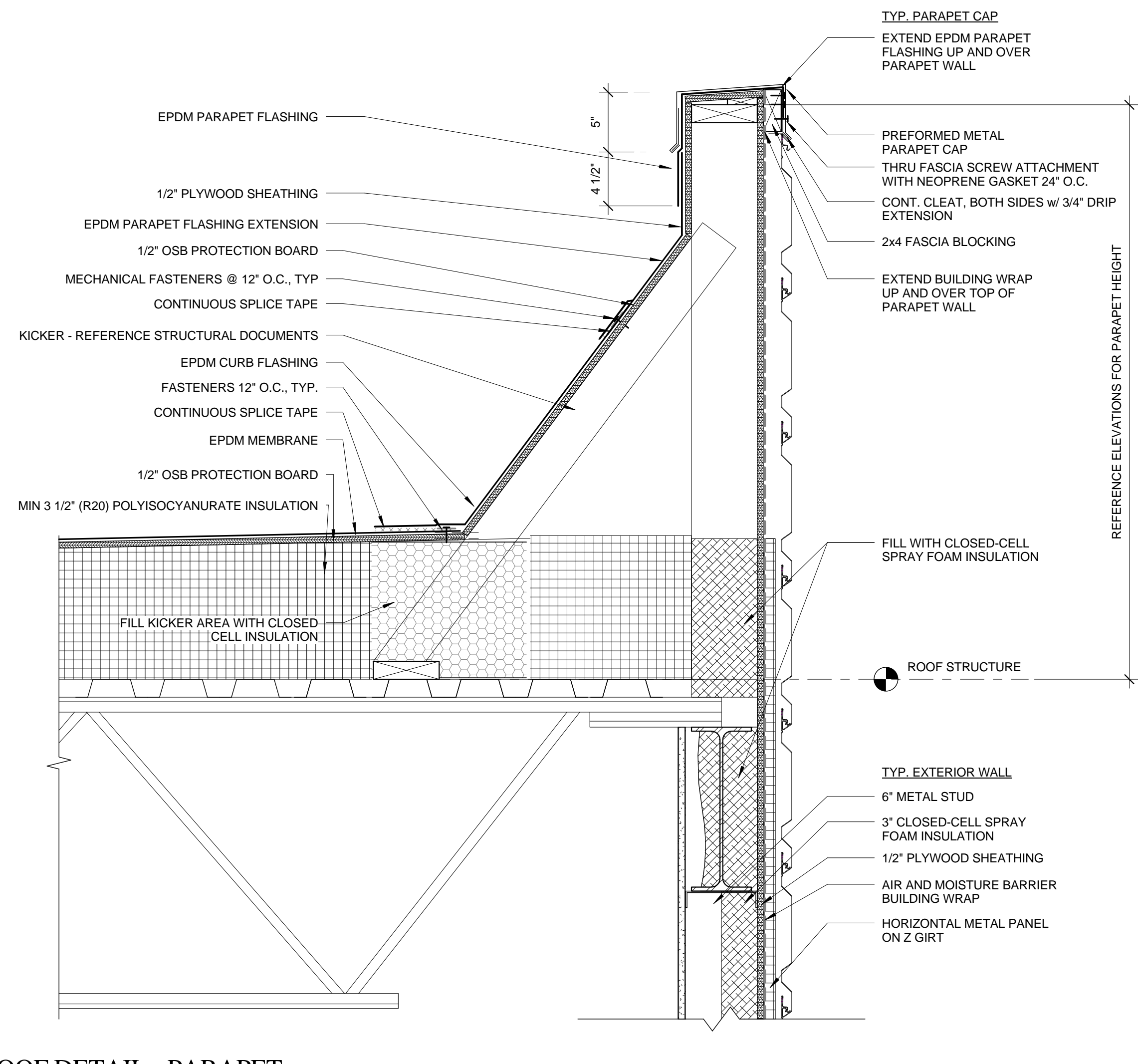
DETAILS

A5.01



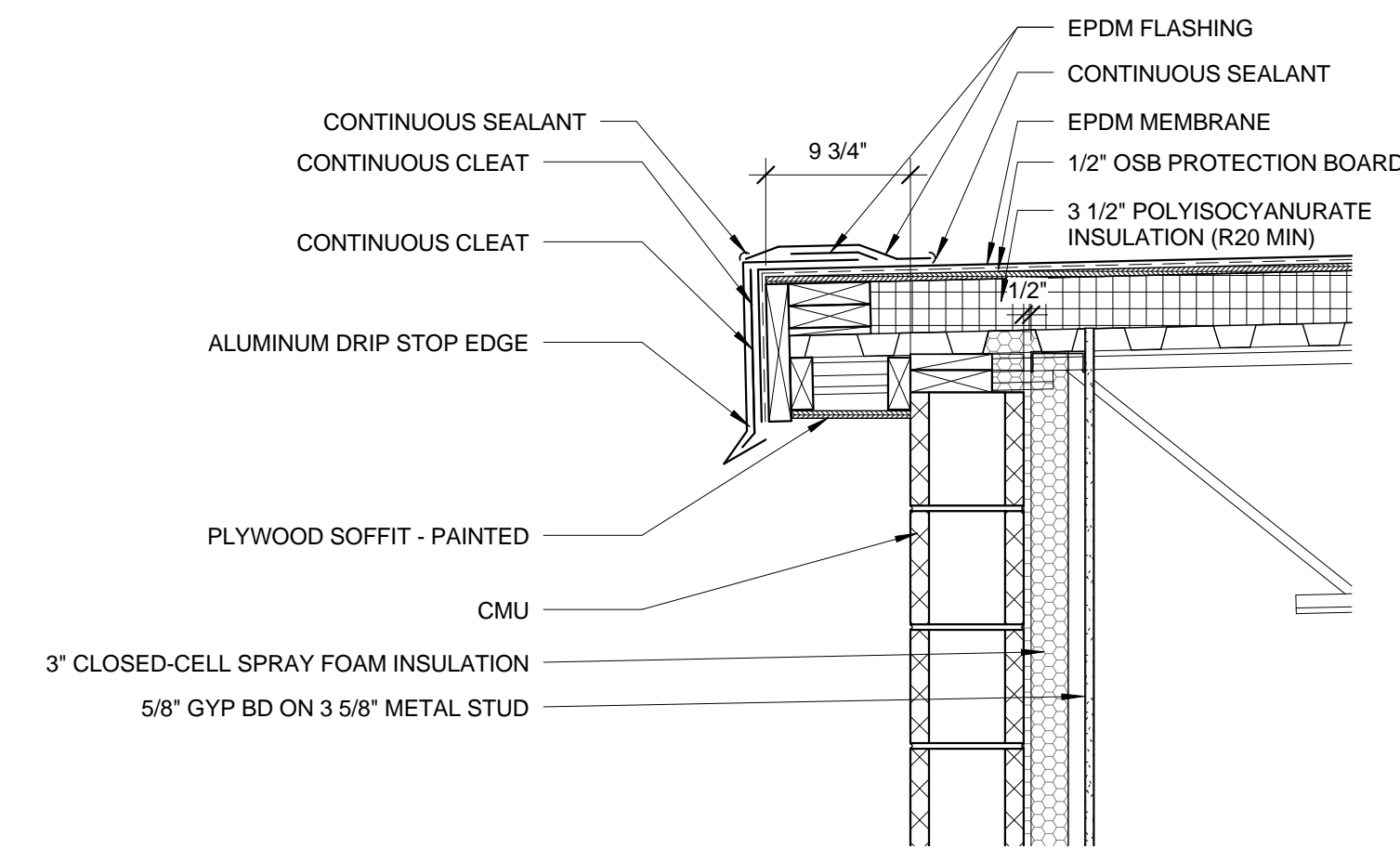
1 | ROOF DETAIL - PROTRUDING PARAPET

1 1/2" = 1'-0"



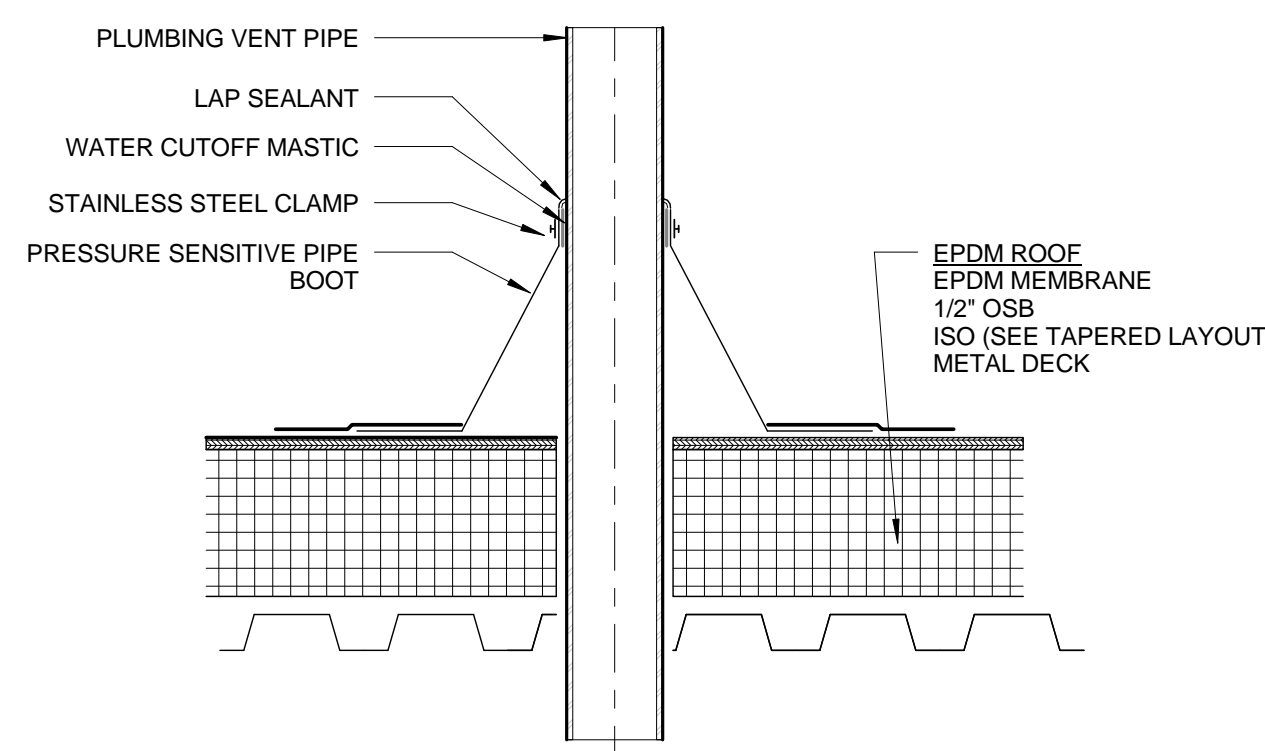
2 | ROOF DETAIL - PARAPET

1 1/2" = 1'-0"



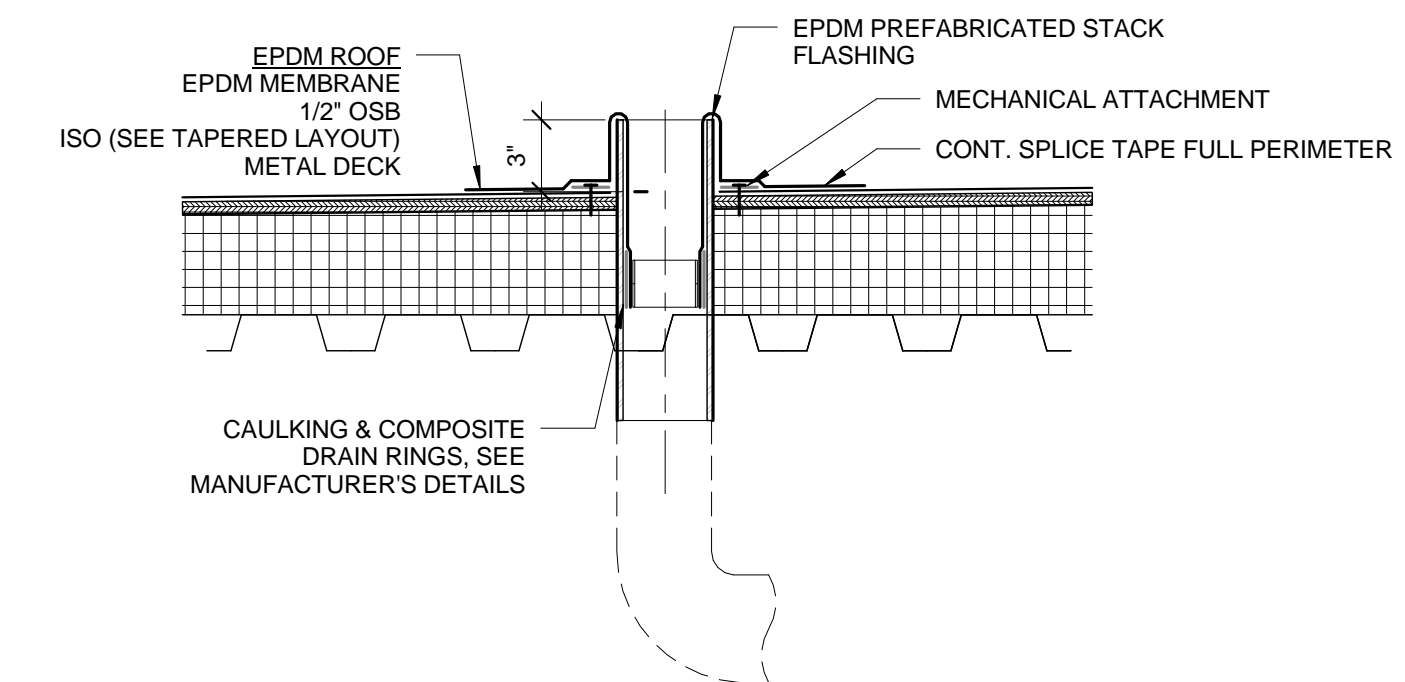
3 | WAREHOUSE ROOF EDGE DETAIL

1" = 1'-0"



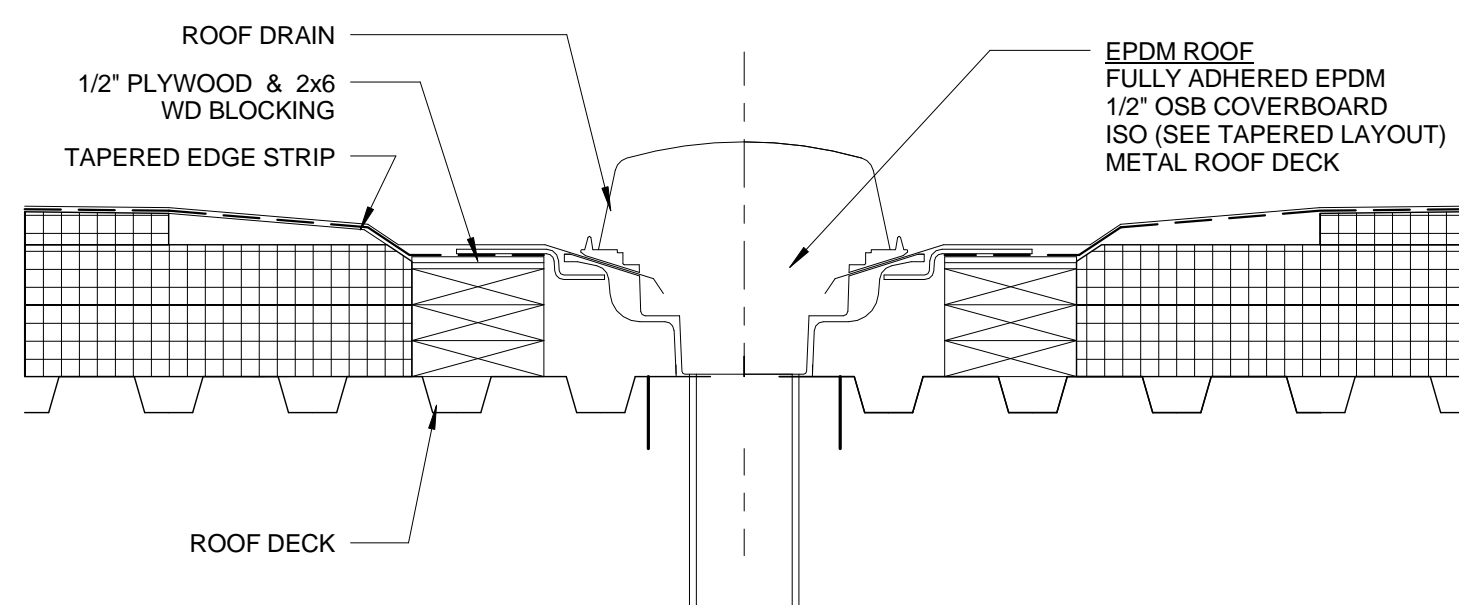
4 | ROOF DETAIL - PIPE PENETRATION

1 1/2" = 1'-0"



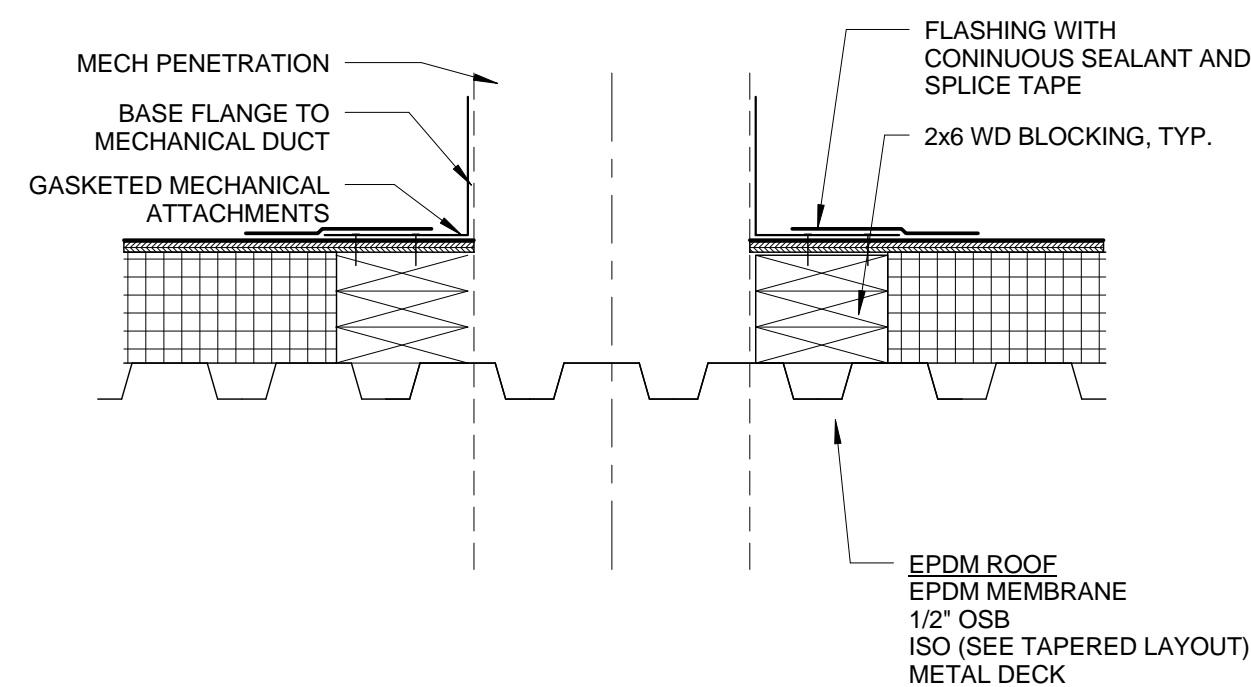
5 | ROOF DETAIL - OVERFLOW DRAIN

1 1/2" = 1'-0"



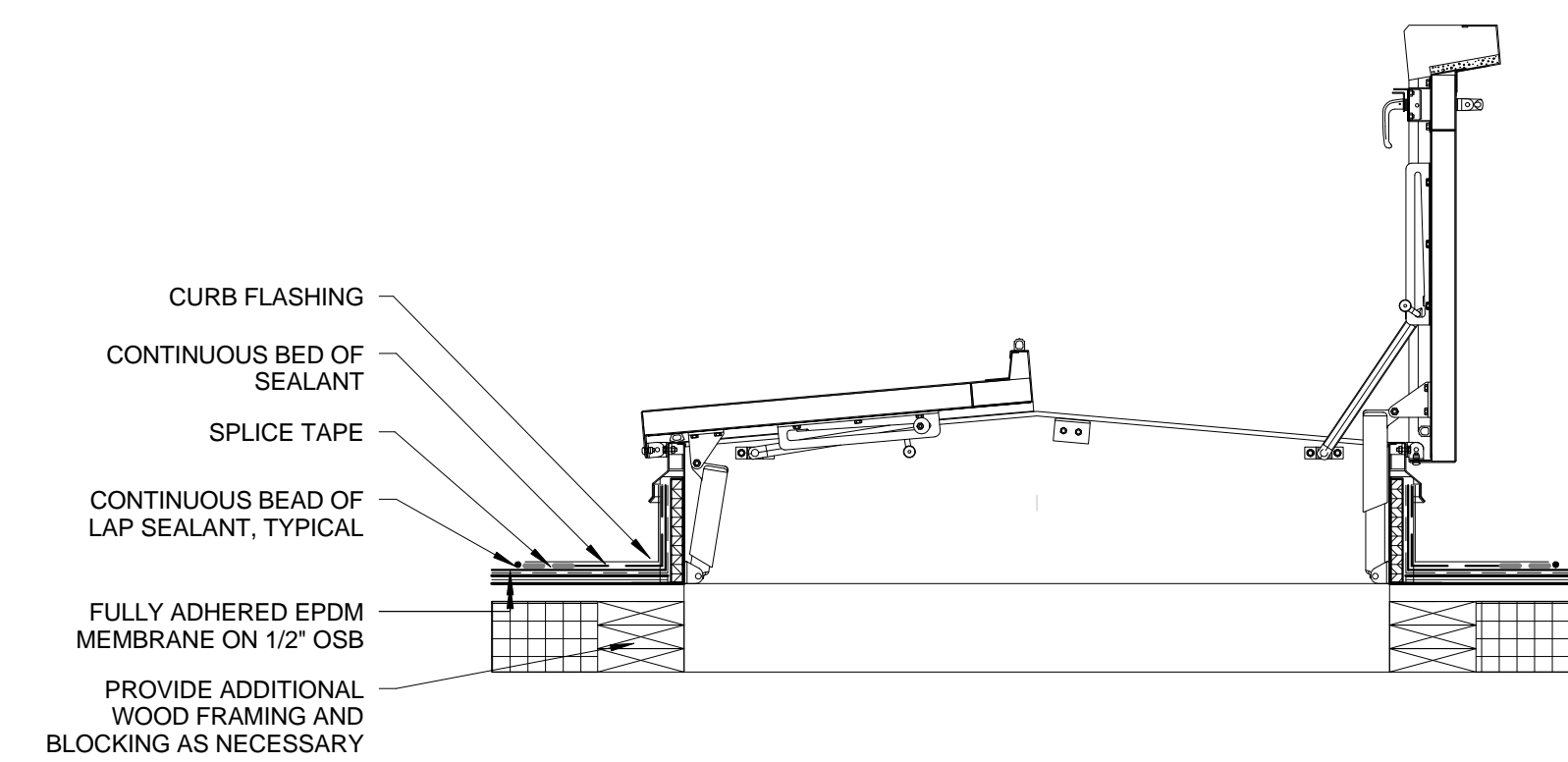
6 | TYP. ROOF DRAIN

1 1/2" = 1'-0"



7 | ROOF DETAIL - TYP. MECH PENETRATION

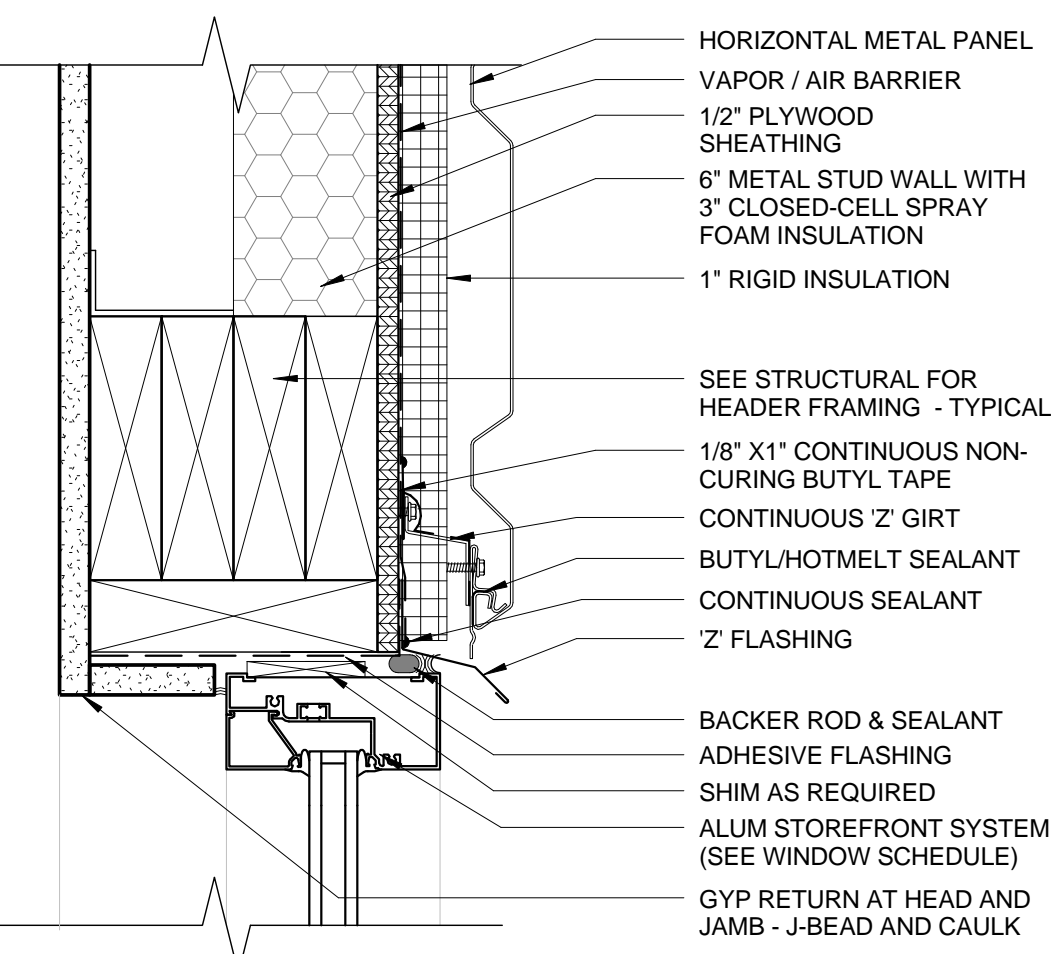
1 1/2" = 1'-0"



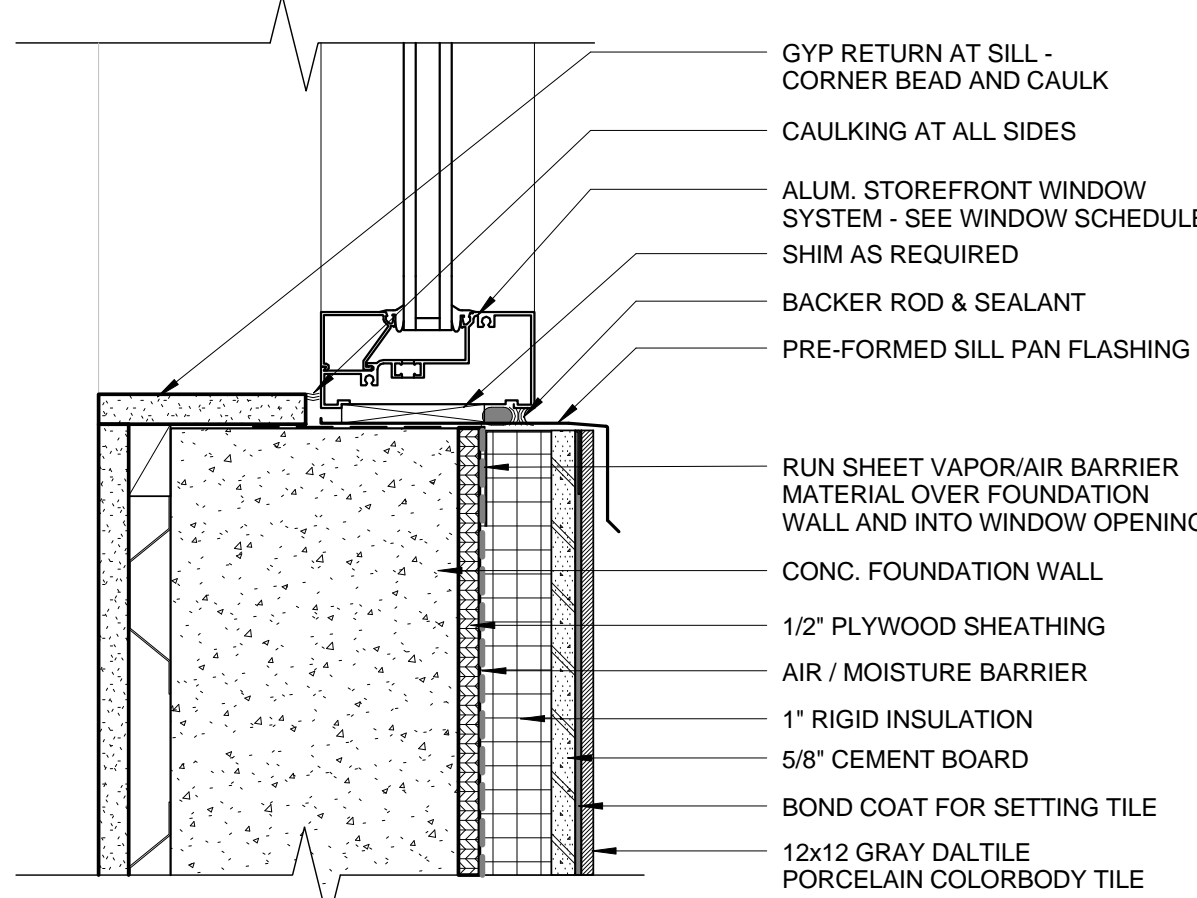
8 | ROOF DETAIL - ROOF HATCH

1" = 1'-0"

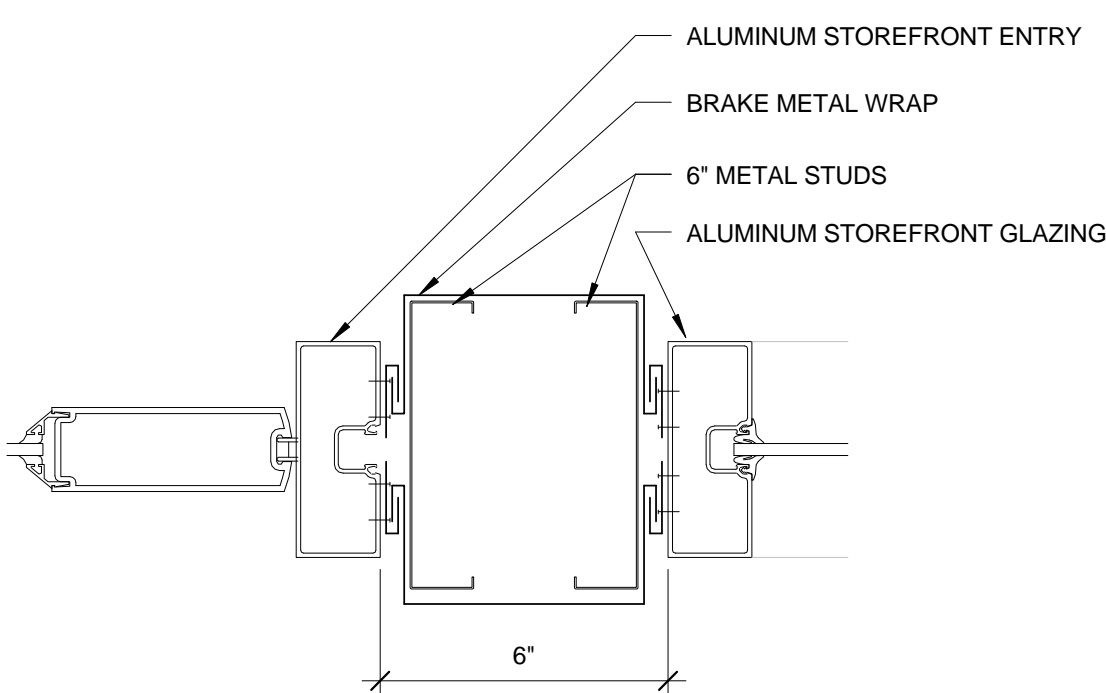
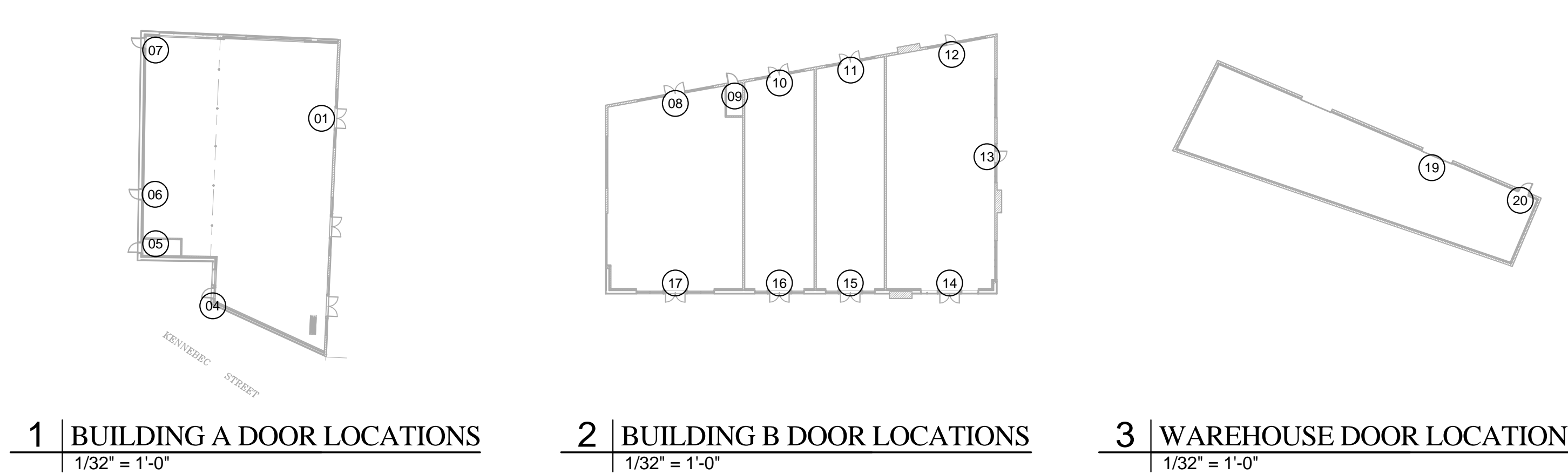
PUBLIC AREA DOOR SCHEDULE												
DOOR No.	LOCATION	SIZE			DOOR				FRAME			REMARKS
		WIDTH	HEIGHT	THICKNESS	TYPE	MATERIAL	FINISH	THRESH	MATERIAL	TYPE	FRAME FINISH	
01		6'-0"	7'-0"	2"	4	STOR		ALUM	HM			ALUM WIDE STILE DOOR, PANIC HARDWARE
04		3'-0"	7'-0"	2"	1	INSULATED METAL		ALUM	HM			LOCKSET BY OWNER
05		3'-0"	7'-0"	2"	1	INSULATED METAL		ALUM	HM			LOCKSET BY OWNER
06		3'-0"	7'-0"	2"	1	INSULATED METAL		ALUM	HM			LOCKSET BY OWNER
07		3'-0"	7'-0"	2"	1	INSULATED METAL		ALUM	HM			LOCKSET BY OWNER
08		6'-0"	7'-0"	2"	4	STOR		ALUM	HM			ALUM WIDE STILE DOOR, PANIC HARDWARE
09		3'-0"	7'-0"	2"	1	STOR		ALUM	HM			LOCKSET BY OWNER
10		6'-0"	7'-0"	2"	4	STOR		ALUM	HM			ALUM WIDE STILE DOOR, PANIC HARDWARE
11		6'-0"	7'-0"	2"	4	STOR		ALUM	HM			ALUM WIDE STILE DOOR, PANIC HARDWARE
12		3'-0"	7'-0"	2"	3	STOR		ALUM	HM			ALUM WIDE STILE DOOR, PANIC HARDWARE
13		3'-6"	7'-0"	2"	3	STOR		ALUM	HM			ALUM WIDE STILE DOOR, PANIC HARDWARE
14		6'-0"	7'-0"	2"	2	AL STOREFRONT		ALUM	HM			ALUM WIDE STILE DOOR, PANIC HARDWARE
15		6'-0"	7'-0"	2"	4	AL STOREFRONT		ALUM	HM			ALUM WIDE STILE DOOR, PANIC HARDWARE
16		6'-0"	7'-0"	2"	4	STOR		ALUM	HM			ALUM WIDE STILE DOOR, PANIC HARDWARE
17		6'-0"	7'-0"	2"	4	STOR		ALUM	HM			ALUM WIDE STILE DOOR, PANIC HARDWARE
19		10'-0"	9'-0"	2"	5	INSULATED METAL		ALUM	HM			OVERHEAD DOOR
20		3'-0"	7'-0"	2"	1	INSULATED METAL		ALUM	HM			LOCKSET BY OWNER
21		6'-0"	7'-0"	2"	4	STOR		ALUM	HM			ALUM WIDE STILE DOOR, PANIC HARDWARE
22		6'-0"	7'-0"	2"	4	STOR		ALUM	HM			ALUM WIDE STILE DOOR, PANIC HARDWARE
23		10'-0"	9'-0"	2"	5	INSULATED METAL		ALUM	HM			OVERHEAD DOOR



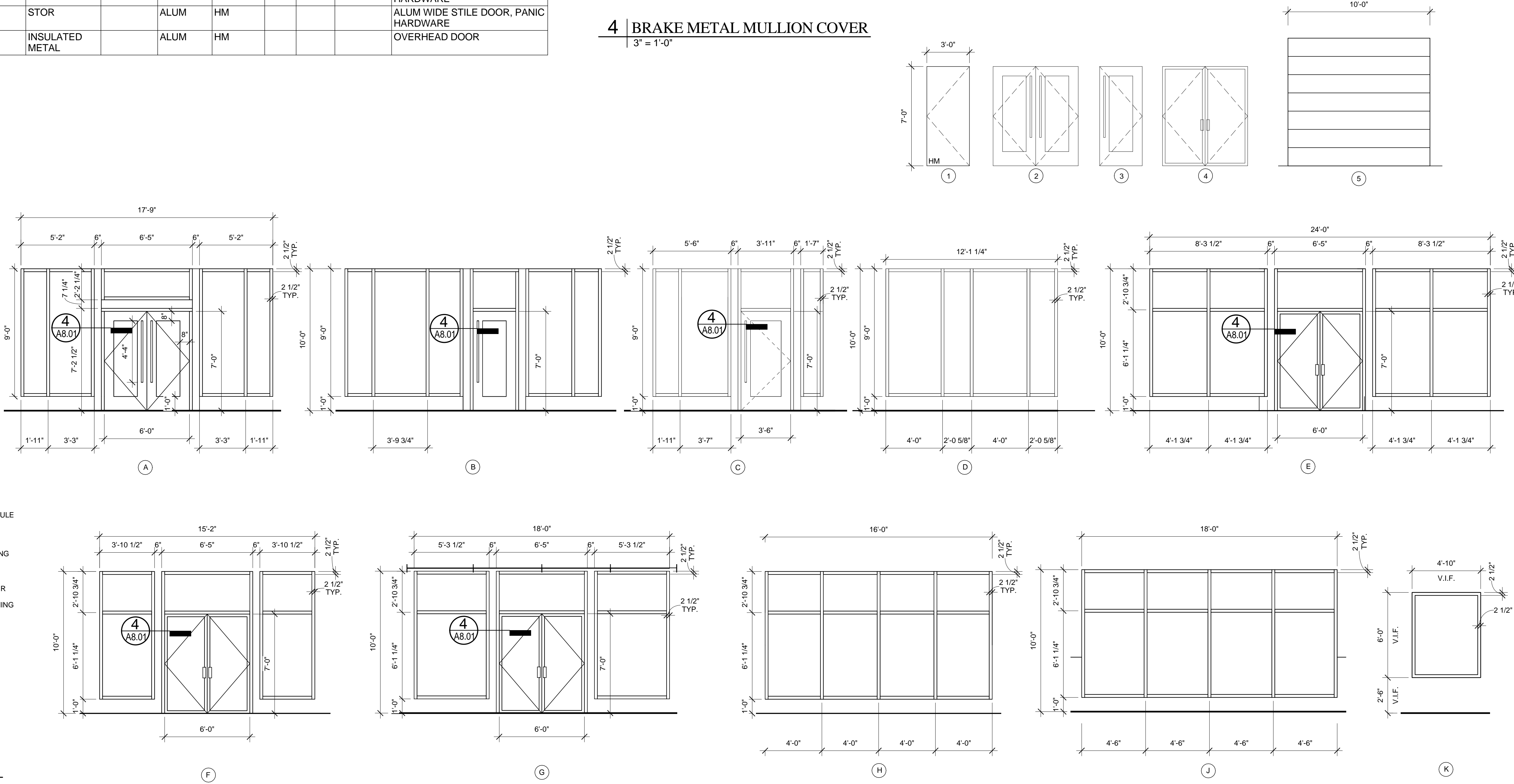
6 TYPICAL WINDOW HEAD - ALUM ST.FRONT
3" = 1'-0"



8 TYPICAL WIN. SILL DETAIL - ALUM. ST.FRONT
3" = 1'-0"



4 BRAKE METAL MULLION COVER
3" = 1'-0"



LICENSED ARCHITECT
 DAVID LLOYD
 NO. 936
 STATE OF MAINE

Prepared For:
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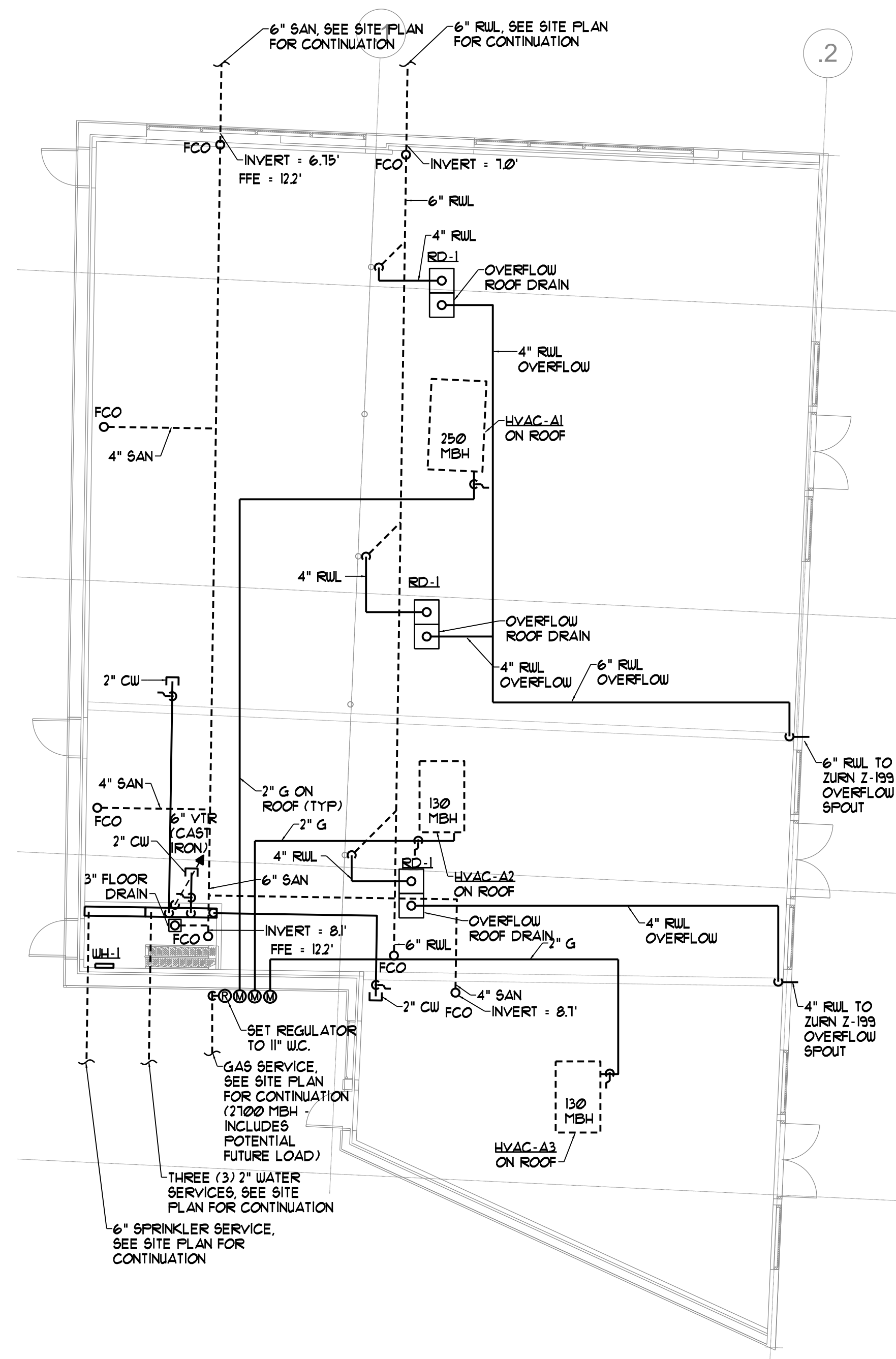
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Project:
 Century Tire

Revisions:

Scale: As indicated
 Date: 03-16-2015
DOOR SCHEDULE

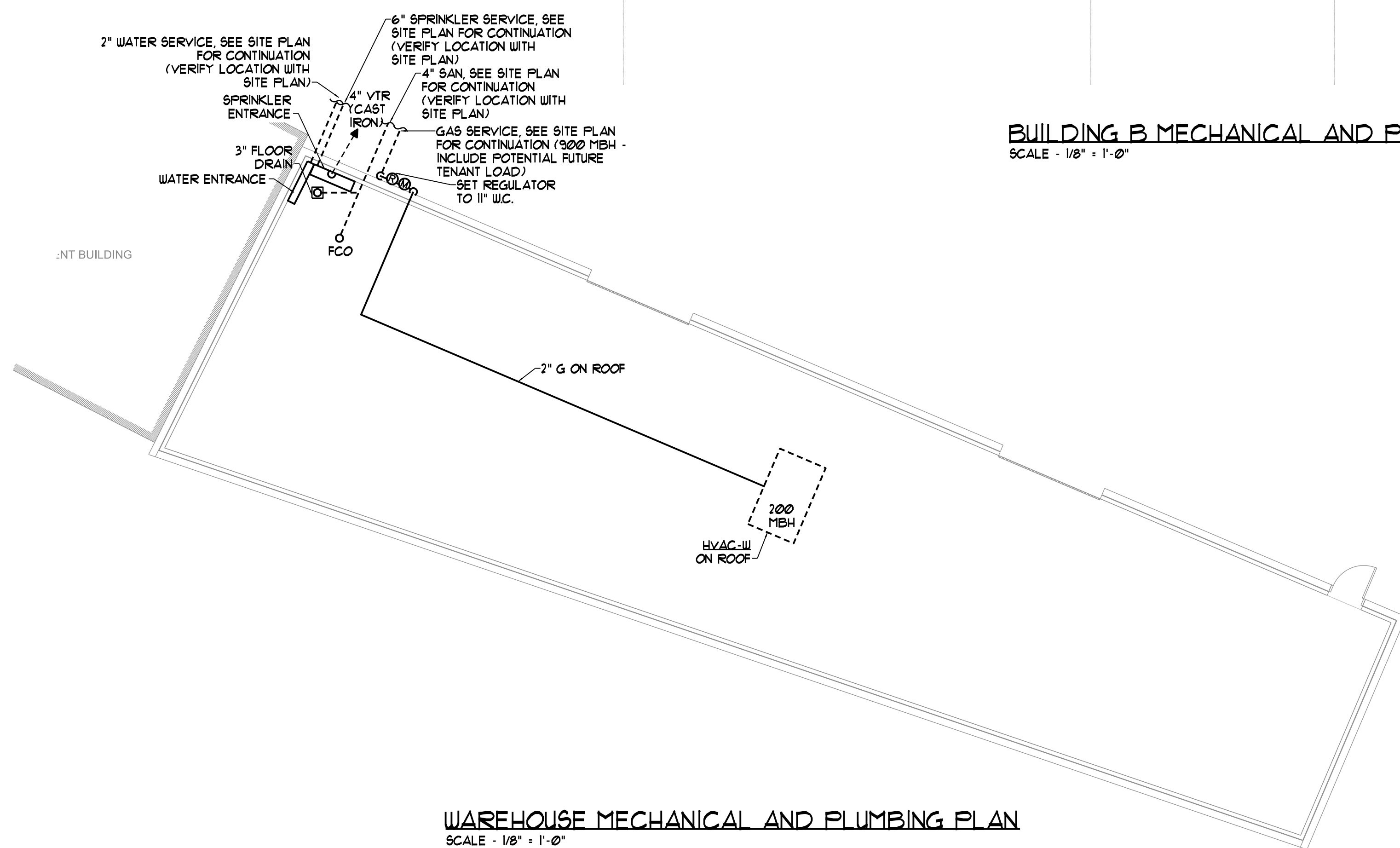
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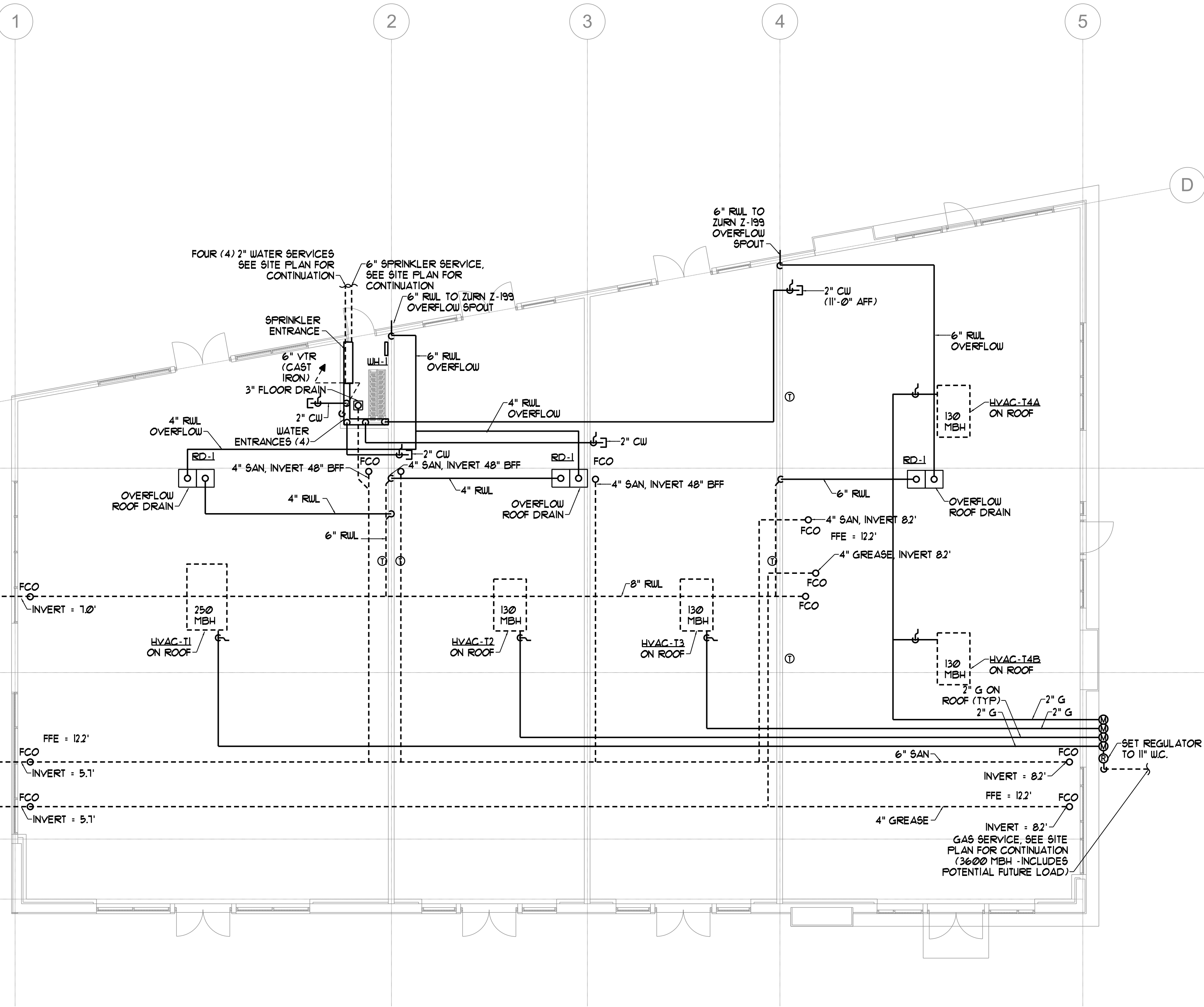
BUILDING A MECHANICAL AND PLUMBING PLAN
SCALE - 1/8" = 1'-0"

NOTE - SANITARY, GREASE WASTE AND RUL PIPING SHALL BE CAST IRON "NO HUB" ONLY ABOVE GRADE AND CAST IRON WITH PUSH ON JOINTS BELOW GRADE.

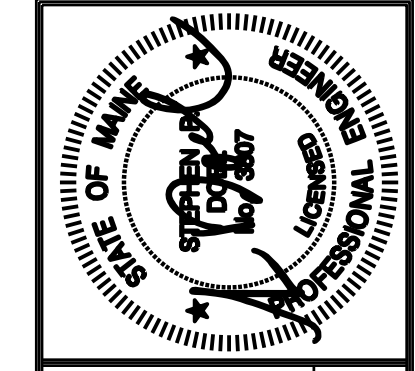
NOTE - STUB SUPPLY AND RETURN DUCTS INTO SPACE. PROVIDE DUCT SMOKE DETECTORS ON SUPPLY AND RETURN DUCT FOR ALL SYSTEMS EXCEEDING 2000 CFM.



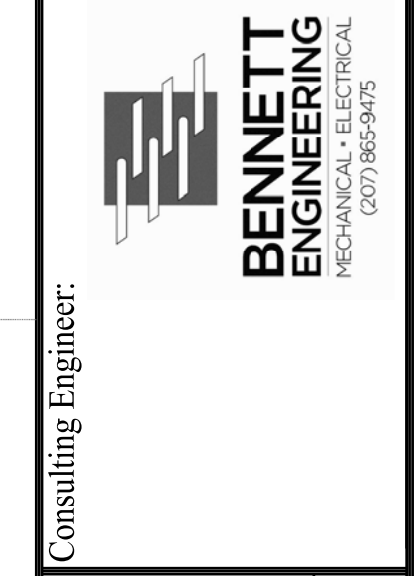
WAREHOUSE MECHANICAL AND PLUMBING PLAN
SCALE - 1/8" = 1'-0"



BUILDING B MECHANICAL AND PLUMBING PLAN
SCALE - 1/8" = 1'-0"



Prepared For:



Consulting Engineer:

Project: **CENTURY TIRE**
PORTLAND, MAINE

Architect:	ARCHETYPE architects 48 Union Wharf, Portland, Maine 04101 (207) 772-6022 Fax (207) 772-4056
Revisions:	

Date:	03/16/2015
Scale:	As Noted
MECHANICAL AND PLUMBING PLAN	

M1.01

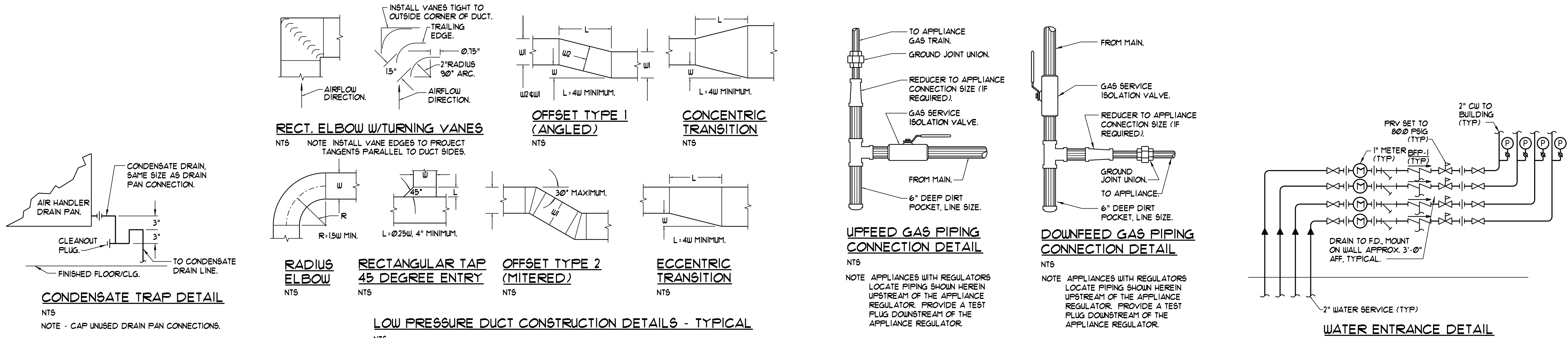
BFP PERFORMANCE SCHEDULE									
TAG	SIZE	FLOW RATE (GPM)	W.P.D (PSI)	MAX. WORK'G. TEMPERATURE (DEGREES F)	MAX. WORK'G. PRESSURE (PSI)	TESTABLE (Y) OR (N)	BASIS OF DESIGN - ZURN-WILKINS		
							BODY STYLE	SERVICE	MODEL
BFP-1	1"	500	100	180	175	Y	RPZ	WATER ENTRANCES (MULTIPLE)	915XL

ELECTRIC WALL HEATER PERFORMANCE SCHEDULE							
TAG	OUTPUT (MBH)	AIRFLOW (CFM)	MTG.HT. AFF (IN)	ELECTRICAL REQUIREMENTS		BASIS OF DESIGN - BERKO	
				KW	V/PH/Hz	SERVICE	MODEL
WH-1	5.1	100	12"	15	208/1/60	MULTIPLE	VFK404

.. PROVIDE WITH SURFACE MOUNT FRAME

PACKAGED ROOFTOP UNIT PERFORMANCE SCHEDULE																	.. (NET) AT 95°F AMBIENT .. - SEER		
TAG	NOMINAL COOLING (TONS)	TOTAL COOLING (MBH)	SENSIBLE COOLING (MBH)	EDB/ EWB (°F)	TOTAL AIRFLOW (CFM)	E.S.P. (INWG)	SUPPLY FAN RPM	MINIMUM O.A. (CFM)	EER (BTUH/WATT)	HEAT FUEL	HEATING INPUT (MBH)	WEIGHT W/ CURB (LBS)	TYPE OF REFRIG-ERANT	ELECTRICAL REQUIREMENTS			BASIS OF DESIGN - TRANE		
														FLA	MCA	MOCF	V/PH/Hz	SERVICE	MODEL
HVAC-T1	100	110.9	82.4	17.9/65.6	3800	0.15	1319	900	11.3	GA5	250	1100	R-410a	-	49.6	600	208/3/60	BLDG B TENANT 1	YSC120
HVAC-T2	50	56.6	38.5	19.3/66.7	1600	0.15	1056	480	13.0**	GA5	1300	1150	R-410a	-	27.4	400	208/3/60	BLDG B TENANT 2	YSC060
HVAC-T3	50	56.6	38.5	19.3/66.7	1600	0.15	1056	480	13.0**	GA5	1300	1150	R-410a	-	27.4	400	208/3/60	BLDG B TENANT 3	YSC060
HVAC-T4A	50	58.4	38.8	20.1/67.9	1700	0.15	1091	665	13.0**	GA5	1300	1150	R-410a	-	27.4	400	208/3/60	CHIPOTLE	YSC060
HVAC-T4B	50	58.4	38.8	20.1/67.9	1700	0.15	1091	665	13.0**	GA5	1300	1150	R-410a	-	27.4	400	208/3/60	CHIPOTLE	YSC060
HVAC-A1	100	110.8	80.6	18.8/66.6	3500	0.15	1346	925	11.3	GA5	2500	1100	R-410a	-	49.6	600	208/3/60	BUILDING A	YSC120
HVAC-A2	50	56.0	39.0	18.9/66.1	1600	0.15	1059	410	13.0**	GA5	1300	1150	R-410a	-	27.4	400	208/3/60	BUILDING A	YSC060
HVAC-A3	50	55.3	37.6	17.9/65.5	1600	0.15	1059	250	13.0**	GA5	1300	1150	R-410a	-	27.4	400	208/3/60	BUILDING A	YSC060
HVAC-W	7.5	83.0	54.4	20.1/67.9	2400	0.15	994	925	11.2	GA5	2000	1350	R-410a	-	49.6	600	208/3/60	WAREHOUSE	YSC090

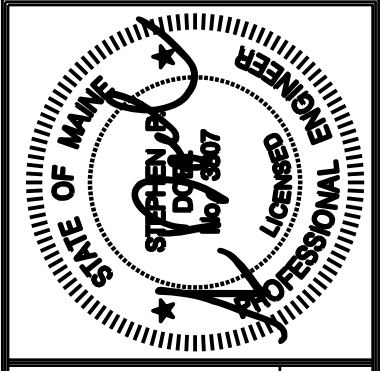
PROVIDE UNITS WITH ENTHALPY ECONOMIZER WITH BAROMETRIC RELIEF. MODULATING GAS HEAT WITH STAINLESS STEEL HEAT EXCHANGER.



MECHANICAL AND PLUMBING SYMBOLS AND ABBREVIATIONS LEGEND

NOTE - USE SYMBOLS AND ABBREVIATIONS AS APPLICABLE FOR THIS MECHANICAL DRAWING SET. SOME SYMBOLS AND ABBREVIATIONS IN THIS LEGEND MAY NOT APPLY.

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
	GAS PIPING (G)		PRESSURE GAGE WITH GAGE COCK	AAV	AUTOMATIC AIR VENT	EDB	ENTERING DRY BULB	I-B-R	INSTITUTE OF BOILER AND RADIATOR MANUFACTURERS	RLA	RUNNING LOAD AMPS
	PIPE CAP		THERMOMETER IN WELL	AD	ACCESS DOOR	EDC*	ELECTRIC DUCT COIL TAG	L	INCHES	RPM	REVOLUTIONS PER MINUTE
	DIRECTION OF FLUID FLOW		WATER FLOW SWITCH	AFF	ABOVE FINISHED FLOOR	EER	ENERGY EFFICIENCY RATIO	L*	LOUVER TAG	RPZ	REDUCED PRESSURE ZONE
	ELBOW UP		PRESSURE SWITCH OR SENSOR	AHU*	AIR HANDLING UNIT TAG	EF*	EXHAUST FAN TAG	LAT	LEAVING AIR TEMPERATURE	RTU	ROOM TEMPERATURE SENSOR
	ELBOW DOWN		EMULSION TEMPERATURE SENSOR	AM5	AIRFLOW MONITORING STATION	EFF	EFFICIENCY	LB	POUNDS	RV	RELIEF VALVE
	PIPE TEE UP		DUCT MOUNTED SMOKE DETECTOR	AMPS	AMPERES	ESP	EXTERNAL STATIC PRESSURE	LBS/R	LOOP WATER SUPPLY/RETURN	RUL	RAINWATER LEADER
	PIPE TEE DOWN		ROOM TEMPERATURE SENSOR	AP	ACCESS PANEL	ET*	EXPANSION TANK TAG	LRA	LOCKED ROTOR AMPS	SA	SUPPLY AIR
	PIPE REDUCER		THERMOSTAT OR SENSOR ON WALL	APD	AIR PRESSURE DROP	EWH*	ELECTRIC WATER HEATER TAG	LUCO	LOW WATER CUTOFF	SAN	SANITARY (DRAIN & WASTE)
	PIPE WITH GUIDE		TSTAT OR SENSOR W/ TAMPERPROOF GUARD	AR	ACID RESISTANT PIPING	EWT	ENTERING WATER TEMPERATURE	LUT	LEAVING WATER TEMPERATURE	SEER	SEASONAL ENERGY EFFICIENCY RATIO
	PIPE WITH ANCHOR		MANUAL AIR VENT	AS*	AIR SEPARATOR TAG	EXG	EXISTING	MBH	THOUSANDS OF BTU PER HOUR	SF	SUPPLY FAN
	BUTTERFLY VALVE		NOTE TAG (NUMBER)	ATC	AUTOMATIC TEMPERATURE CONTROL	EXH	EXHAUST	MCA	MINIMUM CIRCUIT AMPACITY	SP	STATIC PRESSURE
	OS & Y GATE VALVE		AIR DEVICE TAG (LETTER) WITH CFM	BFP*	BACKFLOW PREVENTER TAG	FC	FLEXIBLE CONNECTION	MIN	MINIMUM	SQFT	SQUARE FEET
	CHECK VALVE		ROOM NUMBER	BHP	BRAKE HORSEPOWER	FCO	FLOOR CLEANOUT	NC	NOISE CRITERION	ΔT	TEMPERATURE DIFFERENTIAL
	BALANCING VALVE (ADJUSTABLE)		TURNING VANES	BTUH	BRITISH THERMAL UNITS PER HOUR	FD	FIRE DAMPER	NIC	NOT IN CONTRACT	TEMP.	TEMPERATURE
	AUTOMATIC FLOW CONTROL VALVE		DUCT W/MANJIAL DAMPER	CC*	COOLING COIL TAG	FD*	FLOOR DRAIN TAG	NTS	NOT TO SCALE	TCF	TEMPERATURE CONTROL PANEL
	RELIEF VALVE (RV)		DUCT W/FLEXIBLE CONNECTION (FC)	CFM	CUBIC FEET PER MINUTE	FLA	FULL LOAD AMPS	OA	OUTSIDE AIR	THV*	THERMOSTATIC MIXING VALVE TAG
	BALL VALVE		LAGGED DUCT	CO	CLEANOUT	FPM	FEET PER MINUTE	OBD	OPPOSED BLADE DAMPER	TSP	TOTAL STATIC PRESSURE
	BALL VALVE		DUCT W/ACOUSTIC LINING	CP*	CIRCULATING PUMP TAG	FSD	COMBINATION FIRE & SMOKE DAMPER	OD	OPEN ENDED DUCT	TYP	TYPICAL
	3/4" BALL VALVE WITH 3/4" HOSE END		DUCT W/SQUARE-TO-ROUND TRANSITION	Cv	VALVE COEFFICIENT	FT	FEET	OPD	OVERCURRENT PROTECTIVE DEVICE	UH*	UNIT HEATER TAG
	GATE VALVE		FLEXIBLE DUCT	CW	COLD WATER	GA	GAGE	P*	PLUMBING FIXTURE TAG	VB	VACUUM BREAKER
	PRESSURE REDUCING VALVE		MOTOR OPERATED DAMPER	DB	DRY BULB	GAL	GALLONS	PENETN	PENETRATION	VFD	VARIABLE FREQUENCY INVERTER DRIVE
	FUSIBLE VALVE		AIRFLOW OUT	dB RE	DECIBELS RELATIVE TO	GPH	GALLONS PER HOUR	FF*	PADDLE FAN TAG	VTR	VENT THRU ROOF
	STRAINER W/BLOWDOWN BALL VALVE		AIRFLOW IN	DCA	DOUBLE CHECK	GFM	GALLONS PER MINUTE	PSIA	POUNDS PER SQUARE INCH ABSOLUTE	V/PH/Hz	VOLTS/PHASES/HERTZ
	UNION		DIAMETER OR FLAT OVAL	DCA	DOUBLE CHECK ATMOSPHERIC	HC*	HEATING COIL TAG	PSIG	POUNDS PER SQUARE INCH GAGE	WB	WET BULB
	PIPE FLANGE		FIRE DAMPER	DEG F	DEGREES FAHRENHEIT	HP	HORSEPOWER	PVC	POLYVINYL CHLORIDE (PIPE)	WCO	WALL CLEANOUT
	FLEXIBLE PIPE CONNECTION (FC)		ROUND OR FLAT OVAL DUCT DOWN	DIA	DIAMETER	HRV*	HEAT RECOVERY VENTILATOR TAG	RA	RETURN AIR	WG	WATER GAGE
	PITCH DOWN		ROUND OR FLAT OVAL DUCT UP	DIW	DOWN IN WALL	HU	HOT WATER	RD	ROOF DRAIN	WPD	WATER PRESSURE DROP
	PETCOCK		SUPPLY DIFFUSER	DN	DOWN	EA	EXHAUST AIR	RDE	RECOMMENDED DUAL ELEMENT FUSE AMPS	WSA	WIRE SIZING AMPS
			RETURN GRILLE	EAT	ENTERING AIR TEMPERATURE	HU6/R	HOT WATER SUPPLY AND RETURN	RHW	RECIRCULATED HOT WATER	WTD	WATER TEMPERATURE DROP
			STEAM TRAP							W	WITH
			WATER HAMMER ARRESTOR								



Prepared For:



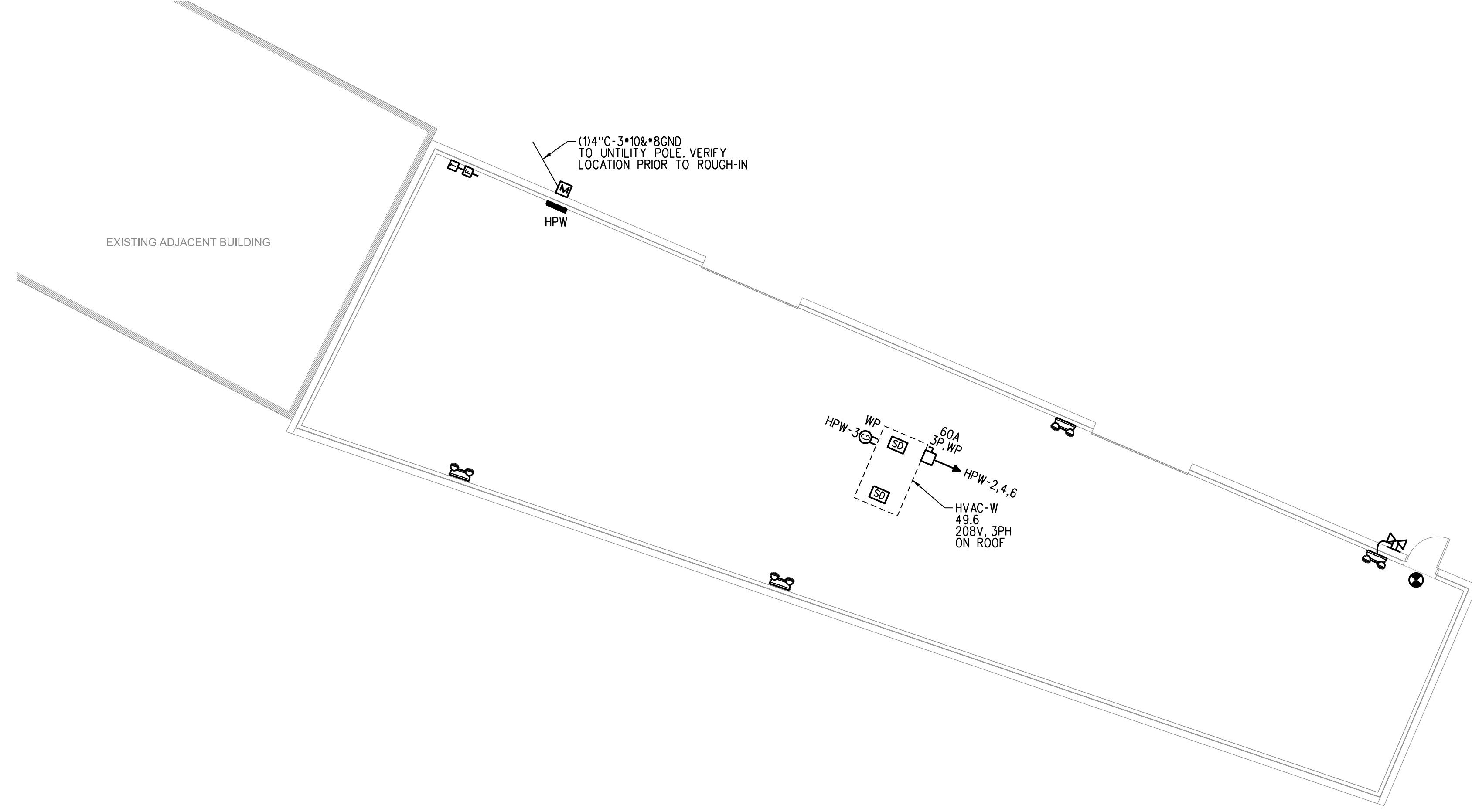
Consulting Engineer:
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Project:
CENTURY TIRE
 PORTLAND, MAINE

Revisions:

Date: 03/16/2015
 Scale: As Noted
**MECHANICAL SCHEDULES,
 DETAILS AND LEGEND**

M2.01



WAREHOUSE SHELL
SCALE: 1/8"=1'-0"

E1.02	Date: 03/16/2015	Scale: As Noted	Revisions: ...	Project: CENTURY TIRE PORTLAND, MAINE	Architect: ARCHETYPE architects 48 Union Wharf Portland, Maine 04101 (207) 772-6022 Fax (207) 772-4056	Consulting Engineer: BENNETT ENGINEERING MECHANICAL • ELECTRICAL (207) 865-9475	Prepared For:

GENERAL NOTES

- NOT ALL SYMBOLS INDICATED IN THE LEGEND APPEAR ON THE DRAWINGS. COORDINATE WORK ACCORDINGLY. COMPLY WITH SPECIFICATIONS AND NOTES BELOW AS APPLICABLE.
- ALL RECEPTACLES SHALL BE INSTALLED 18" AFF TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE.
- MOUNT PANELS IN RESIDENTIAL SPACES SO NO CIRCUIT BREAKER HANDLE IS HIGHER THAN 44" AFF.
- ALL WIRING SHALL BE COPPER UNLESS DESIGNATED AS "AL". UNLESS OTHERWISE NOTED. ALL WIRING SHALL BE 2*12 AWG AND 1*12 EQUIPMENT GROUNDING CONDUCTOR. HOMERUNS FED FROM A 20A-1P, 120V CIRCUIT IN EXCESS OF 70' SHALL BE #10 AWG.
- CONNECT BATTERY BACKED EMERGENCY AND EXIT LIGHTING TO NEAREST LIGHTING CIRCUIT AHEAD OF ANY SWITCHING. CONNECT REMOTE HEADS WITH #10 AWG COPPER CONDUCTORS. AC EXIT FIXTURES SHALL BE CONNECTED TO NEAREST EMERGENCY CIRCUIT OR AS INDICATED.
- TEST ALL EMERGENCY LIGHTING UNITS FOR PROPER OPERATION OF LAMPS AND BATTERIES.
- SEE MECHANICAL PLAN FOR HVAC UNITS, PUMPS AND FANS CONTROLLED BY THERMOSTATS (PROVIDED BY ATC CONTRACTOR).
- FUSES AND OVERLOAD UNITS FOR MOTORS SHALL BE SIZED BASED ON ACTUAL MOTOR NAMEPLATE DATA AND IN ACCORDANCE WITH NEC. CIRCUIT BREAKERS FOR MOTORS ARE SUPPLIED AT MAX VALUE PER NEC (2.5 x FLA). SIZE IN THE FIELD IN ACCORDANCE WITH MFGOR RECOMMENDATION.
- ALL WORK SHALL COMPLY WITH NFPA70, NFPA72, NFPA101 & ALL FEDERAL, STATE & LOCAL REGULATIONS.
- ALL PENETRATIONS THROUGH FLOORS, RATED WALLS AND PARTITIONS SHALL BE SEALED WITH UL APPROVED FIRE SEALANT MATERIAL TO MAINTAIN FIRE RATING FOR THE SEPARATION.
- ALL ENCLOSURES, CONDUIT BODIES AND THEIR COVERS CONTAINING FIRE ALARM SYSTEM CONDUCTORS SHALL BE PAINTED RED.
- AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED WITH ALL FEEDERS AND BRANCH CIRCUITS. SIZE IN ACCORDANCE WITH NFPA 70 ARTICLE 250.
- PROVIDE TWO BALLASTS FOR EACH FIXTURE INDICATED AS REQUIRING DUAL LEVEL SWITCHING. ONE BALLAST TO CONTROL OUTER LAMPS AND THE SECOND BALLAST TO CONTROL INNER LAMPS(S).
- COORDINATE INSTALLATION OF VOICE/DATA OUTLETS WITH OWNER, MIS OR COMMUNICATIONS CONTRACTOR.
- LOCATE DISCONNECTS AT EQUIPMENT AS REQUIRED BY MANUFACTURER. LOCATIONS ON DRAWINGS ARE APPROXIMATE.
- OPERATE ALL FLUORESCENT AND METAL HALIDE LAMPS FROM INTIAL INSTALLATION FOR 100 HOURS AT FULL OUTPUT (NO DIMMING) TO SEASON LAMPS AND STABILIZE LAMP COLOR.
- PROVIDE RISER OR PLENUM RATED CABLES ABOVE SUSPENDED CEILINGS.
- THE CONTRACTOR SHALL SET ALL ELECTRONIC BREAKERS TO SPECIFIED TRIP SETTINGS BEFORE ENERGIZING EQUIPMENT.
- PROVIDE EXPANSION FITTINGS FOR ALL UNDERGROUND RACEWAYS ENTERING ENCLOSURES ATTACHED TO FIXED STRUCTURES.
- OUTDOOR RECEPTACLE COVERS SHALL COMPLY WITH NFPA 70 - ARTICLE 406.9.
- ALL CONDUCTOR INSULATION FOR BUILDING WIRE SHALL BE THWN/THHN UNLESS NOTED OTHERWISE.
- PROVIDE LABEL ON SERVICE EQUIPMENT INDICATING AVAILABLE SHORT CIRCUIT CURRENT OBTAIN VALUES FROM ENGINEER.
- PROVIDE ARC FAULT LABELS PER NFPA 70-ARTICLE 110.24
- IF BUILDING REQUIRES TWO SERVICE ENTRANCES, PROVIDE SIGNS PER NFPA 70-230.
- OUTLETS INSTALLED IN FIRE RATED WALLS BACK TO BACK SHALL BE SEPARATED BY 24" MINIMUM OR BE PROTECTED WITH "PUTTY PADS" PER 2009 INTERNATIONAL BUILDING CODE SECTION 713.3.2
- PROVIDE AIR VAPOR BARRIER BOXES FOR WIRING DEVICES IN EXTERIOR WALLS AND INTERIOR SOUND CONTROL WALLS BETWEEN RESIDENT ROOMS. INSTALL PER MANUFACTURER'S INSTRUCTIONS. PROVIDE LESSCO MODEL NUMBER: VAPORBOX
- MINIMUM WIRE SIZE ON ALL BRANCH CIRCUITS SHALL BE #12.
- PROVIDE SIGN AT SERVICE ENTRANCE EQUIPMENT INDICATING TYPE AND LOCATION OF EMERGENCY GENERATOR PER NEC 700.7.

SYMBOL LEGEND

- SURFACE MOUNTED POWER PANEL, SEE PANEL SCHEDULES FOR RATING
- RECESSED MOUNTED POWER PANEL, SEE PANEL SCHEDULES FOR RATING
- Ⓜ ELECTRIC MOTOR DRIVEN EQUIPMENT, HP SHOWN
- H, DS, DW Ⓜ JUNCTION BOX. "H" DENOTES RANGE HOOD, "DS" DENOTES DISPOSAL, "DW" DENOTES DISHWASHER
- SM MANUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD DEVICE MOUNTED AT UNIT
- Ⓛ DISCONNECT SWITCH. SIZE AND NUMBER OF POLES AS INDICATED ON DRAWING. PROVIDED BY EC UNLESS NOTED OTHERWISE. PROVIDE FUSES WHERE RECOMMENDED BY MANUFACTURER.
- Ⓛ COMBINATION MOTOR STARTER/ DISCONNECT SWITCH WITH AUXILIARY CONTACTS AND HAND-OFF-AUTO SWITCH AND RED RUN LIGHT, PROVIDED AND INSTALLED BY EC UNLESS NOTED OTHERWISE.
- Ⓛ VARIABLE FREQUENCY DRIVE, PROVIDED BY MC, INSTALLED AND WIRED BY EC
- Ⓛ DUPLEX RECEPTACLE, 20A, 125V SPEC GRADE GROUNDING TYPE, TAMPER PROOF AND MATCHING PLATE. MOUNT 18" AFF UNLESS NOTED OTHERWISE.
- Ⓛ QUAD RECEPTACLE, 20A, 125V SPEC GRADE GROUNDING TYPE, TAMPER PROOF AND MATCHING PLATE. MOUNT 18" AFF UNLESS NOTED OTHERWISE.
- Ⓛ GROUND FAULT DUPLEX RECEPTACLE, 20A, 125V, TAMPER PROOF WITH MATCHING PLATE FURNISHED W/ OUTLET. FLUSH MOUNTED 45" AFF EXCEPT AS NOTED.
- Ⓛ REFRIGERATOR DUPLEX RECEPTACLE, 20A, 125V SPEC GRADE GROUNDING TYPE, TAMPER PROOF AND MATCHING PLATE. MOUNT RECEPTACLE AT 48 INCHES ABOVE FINISHED FLOOR.
- Ⓛ FLUSH FLOOR MOUNTED DUPLEX RECEPTACLE- 20A, 125V SPEC GRADE GROUNDING TYPE. "CL" DENOTES CEILING MONTED
- Ⓛ RANGE OUTLET 50 AMP, 250 VOLT, GROUNDING TYPE FLUSH MOUNTED 18" AFF
- Ⓛ DRYER OUTLET 30 AMP, 250 VOLT, GROUNDING TYPE FLUSH MOUNTED 18" AFF
- RACEWAY & WIRING OR MC CABLE RUN CONCEALED IN WALLS/CEILING
- RACEWAY & WIRING RUN EXPOSED
- RACEWAY & WIRING RUN CONCEALED UNDER FLOOR OR BURIED 30" BELOW FINISH GRADE
- HP-XX HOME RUN TO PANEL, WITH PANEL AND CIRCUIT NUMBER
- Ⓛ TV OUTLET LOCATION, CABLE AND JACKS BY EC
- Ⓛ TEMPERATURE CONTROL PANEL, PROVIDED BY MC WIRED BY EC
- Ⓛ PUSHBUTTON FOR ELECTRICALLY OPERATED DOOR, FURN W/ DOOR OPERATOR, WIRED BY EC
- Ⓛ LIGHTING FIXTURES, CAPITAL LETTERS DENOTE TYPE PER LIGHTING FIXTURE SCHEDULE. LOWER CASE LETTERS INDICATE SWITCH CONTROL. "ob" INDICATES INBOARD LAMPS CONTROLLED BY OUTBOARD SWITCHED "a" and "b". DIAGONAL INDICATED NIGHT LIGHT (UNSWITCHED)
- Ⓛ SELF CONTAINED EMERGENCY LIGHT W/2 HEADS DUAL-LITE (LED) MODEL L2651-03L, 65 WATTS FOR 90 MINUTES, COLOR BY ARCHITECT
- Ⓛ INTERIOR REMOTE HEAD DUAL-LITE (LED) MODEL No CPRD 1203L, COLOR BY ARCHITECT
- Ⓛ EXTERIOR REMOTE HEAD DUAL-LITE (LED) MODEL No OCRD 1203L COLOR BY ARCHITECT
- Ⓛ EXIT LIGHT FIXTURE, UNSWITCHED, DUAL-LITE LX-U-R-W-E OR APPROVED EQUAL
- Ⓛ CEILING MOUNTED MOTION SENSOR (WAITSTOPPER OR EQUAL) CORRIDORS: WT-2255, SENSOR & BIZOE-P POWER PACK. OTHER COMMON SPACES: WT-805, SENSOR & BIZOE-P POWER PACK. SENSORS AND RELAYS TO CONTROL CIRCUITS IN SPACES INDICATED. DEVICES SHALL PROVIDE FULL COVERAGE IN AREAS INSTALLED.
- Ⓛ DT INDICATES DUAL TECHNOLOGY
- Ⓛ PIR INDICATED PASSIVE INFRARED TECHNOLOGY
- Ⓛ WALL MOUNTED SWITCH MOTION SENSOR. MOUNT AT 48" AFF UNLESS OTHER WISE NOTED
- Ⓛ SINGLE POLE SWITCH, 120V, 20A, SPEC GRADE, GROUNDING TYPE, MOUNT 48" AFF, 3-3-WAY, 4-4-WAY, LOWER CASE LETTER INDICATES FIXTURE OR CONTROLLED LOAD.
- Ⓛ SWITCH WITH PILOT LIGHT, SWITCHES SHALL BE PROVIDED W/ ENGRAVED NAMEPLATE IDENTIFYING USE
- Ⓛ REMOTE RANGE HOOD FAN SWITCH, CONNECT TO HOOD FAN THRU HOOD JUNCTION BOX.
- Ⓛ REMOTE RANGE HOOD LIGHT SWITCH, CONNECT TO HOOD LIGHT THRU JUNCTION BOX.
- Ⓛ BURNER SAFETY SWITCH, PROVIDE WITH RED PLATE, MOUNTED 72" AFF
- Ⓛ SINGLE POLE DIMMER SWITCH, 120V, 20A, SPEC GRADE, GROUNDING TYPE, MOUNT 48" AFF, 3-3-WAY, 4-4-WAY, LOWER CASE LETTER INDICATES FIXTURE OR CONTROLLED LOAD.
- Ⓛ PHOTOCELL
- Ⓛ LIGHTING CONTACTOR
- Ⓛ TIMECLOCK
- Ⓛ TELEPHONE/DATA DUAL JACK, MOUNT 18" AFF, RUN TWO CAT 5E CABLES BACK TO TBB
- Ⓛ DATA JACK, RUN TWO CAT 5E CABLES BACK TO TBB.
- Ⓛ FLUSH FLOOR MOUNTED TELEPHONE/DATA DUAL JACK, RUN TWO CAT 5E CABLES BACK TO TBB. "CL" DENOTES CEILING MOUNTED
- Ⓛ TELEPHONE JACK, MOUNT 18" AFF UNLESS NOTED OTHERWISE, RUN ONE CAT 5E CABLE BACK TO TBB.
- Ⓛ TELEPHONE BACK BOARD
- Ⓛ WIFI ROUTER, OCE CAT 5E CABLE BACK TO TBB OR IT ROOM. MOUNT ABOVE CEILING, "W" DENOTES WALL MOUNTED AT 72" AFF
- Ⓛ FIRE ALARM CONTROL PANEL
- Ⓛ FIRE ALARM ANNUNCIATOR PANEL
- Ⓛ FIRE EXTINGUISHER ELECTRONIC MONITOR SHALL BE ACCOMPLISHED THROUGH USE OF AN ADDRESSABLE INTERFACE DEVICE AND SHALL PROVIDE INPUT TO THE FACP
- Ⓛ FIRE ALARM AUDIO/VISUAL, MOUNT 6'-8" AFF, NUMBER DENOTES CANDELA RATING. "MH" DENOTES MINHORN, "CL" DENOTES CEILING MOUNTED. NO DESIGNATION EQUALS 15cd
- Ⓛ FIRE ALARM PULL STATION, MOUNT 48" AFF
- Ⓛ FIRE ALARM VISUAL STROBE ONLY, FLUSH MOUNT 6'-8" AFF, NUMBER DENOTES CANDELA RATINGS. "CL" DENOTES CEILING MOUNTED
- Ⓛ SYSTEM CONNECTED SMOKE / CARBON MONOXIDE DETECTOR, PHOTOELECTRIC TYPE
- Ⓛ SYSTEM CONNECTED FIXED TEMPERATURE HEAT DETECTOR
- Ⓛ SMOKE DETECTOR, PHOTOELECTRIC TYPE, SYSTEM CONNECTED.
- Ⓛ SMOKE DETECTOR, PHOTOELECTRIC TYPE, SYSTEM CONNECTED. "ER" DENOTES ELEV RECALL
- Ⓛ SYSTEM CONNECTED SMOKE DETECTOR, PHOTOELECTRIC TYPE, WITH SOUNDER BASE
- Ⓛ CARBON MONOXIDE DETECTOR
- Ⓛ DUCT SMOKE DETECTOR & TEST STATION
- Ⓛ FIRE/SMOKE DAMPER SUPPLIED AND INSTALLED BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR TO PROVIDE ALL WIRING CONNECTIONS AND FIRE ALARM DUCT SMOKE DETECTORS, ADDRESSABLE MODULES AND PROGRAMMING.
- Ⓛ SPRINKLER SYSTEM FLOW SWITCH } SUPPLIED BY SPRINKLER CONTRACTOR
- Ⓛ SPRINKLER SYSTEM TAMPER SWITCH } SPRINKLER CONTRACTOR.

PANEL HPA (BUILDING A) 120/208 3PH 4W 225 AMP BUS - MLO 22K AIC NEMA TYPE 1 (SURFACE)

CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	SPRINKLER RM LIGHT	20	1		0.50	0	2				38	0.70	27
3	SPRINKLER RM & ROOF RECEP	20	1	2	0.50	1	4	HVAC-A1	60	3			
5				7	0.70	5	6				38	0.70	27
7	WH-1 (SPRINKLER RM)	20	2		0.70	5	8				27	0.70	19
9	SPARE	20	1			0	10	HVAC-A2	40	3			
11	SPARE	20	1			0	12				27	0.70	19
13	SPARE	20	1			0	14				38	0.70	27
15	SPARE	20	1			0	16	HVAC-A3	60	3			
17	SPARE	20	1			0	18				38	0.70	27
19	SPARE	20	1			0	20	SPARE	20	1			0
21	SPARE	20	1			0	22	SPARE	20	1			0
23	SPARE	20	1			0	24	SPARE	20	1			0
25	SPARE	20	1			0	26	SPARE	20	1			0
27	SPARE	20	1			0	28	SPARE	20	1			0
29	SPARE	20	1			0	30	SPARE	20	1			0
31	SPARE	20	1			0	32	SPARE	20	1			0
33	TIME CLOCK & PHOTOCELL (LCA)	20	1	6	1.00	6	34	SPARE	20	1			0
35	POLE AND BUILDING LIGHTS	20	1	3	0.70	2	36	SPARE	20	1			0
37	POLE LIGHTS	20	1	10	0.70	7	38	SPARE	20	1			0
39	LC SPARE	20	1			0	40	SPARE	20	1			0
41	LC SPARE	20	1			0	42	SPARE	20	1			0

AT - Amp Trip
P - Poles
A - Amps
CA - Connected Amperes
DF - Demand Factor (1 - .1)
DA - Demand Amperes
MLO - Main Lug Only
MCB - Main Circuit Breaker

Section 1
Tot Amps/PH - Connected Load 115.67
Demand Factor 70.40%
Total Amps/PH - Demand 81.43
Connected KVA 41.62
Demand KVA 29.30

PANEL HPB (BUILDING B) 120/208 3PH 4W 225 AMP BUS - MLO 22K AIC NEMA TYPE 1 (SURFACE)

CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	TEMP LIGHTS	20	1		0.50	0	2	SPRINKLER ROOM & ROOF RECEPTS	20	1	5	0.50	3
3				50	0.70	35	4				27	0.70	19
5	HVAC-T1	60	3		0.70	35	6	HVAC-T2	40	3			
7				50	0.70	35	8				27	0.70	19
9				27	0.70	19	10				27	0.70	19
11	HVAC-T3	40	3		0.70	19	12	HVAC-T4A	40	3			
13				27	0.70	19	14				27	0.70	19
15	SPARE	20	1			0	16				7	0.70	5
17	SPARE	20	1			0	18	WH-1	20	2			
19	SPARE	20	1			0	20				7	0.70	5
21	SPARE	20	1			0	22	HVAC-T4A	40	3			
23	SPARE	20	1			0	24				27	0.70	19
25	SPARE	20	1			0	26	SPARE	20	1			0
27	SPARE	20	1			0	28	SPARE	20	1			0
29	SPARE	20	1			0	30	SPARE	20	1			0
31	SPARE	20	1			0	32	SPARE	20	1			0
33	TIME CLOCK & PHOTOCELL (LCA)	20	1	6	1.00	6	34	SPARE	20	1			0
35	POLE AND BUILDING LIGHTS	20	1	3	0.70	2	36	SPARE	20	1			0
37	POLE AND BUILDING LIGHTS	20	1	10	0.70	7	38	SPARE	20	1			0
39	BUILDING LIGHTS	20	1			0	40	SPARE	20	1			0
41	LC SPARE	20	1			0	42	SPARE	20	1			0

AT - Amp Trip
P - Poles
A - Amps
CA - Connected Amperes
DF - Demand Factor (1 - .1)
DA - Demand Amperes
MLO - Main Lug Only
MCB - Main Circuit Breaker

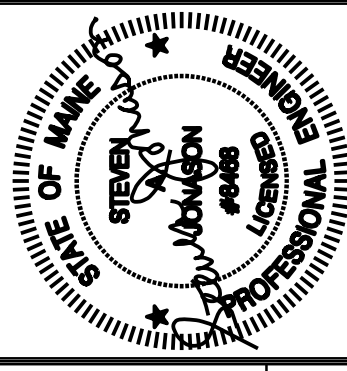
Section 1
Tot Amps/PH - Connected Load 172.07
Demand Factor 70.15%
Total Amps/PH - Demand 120.71
Connected KVA 61.92
Demand KVA 43.44

PANEL HPW (WAREHOUSE BUILDING) 120/208 3PH 4W 225 AMP BUS - MLO 22K AIC NEMA TYPE 1 (SURFACE)

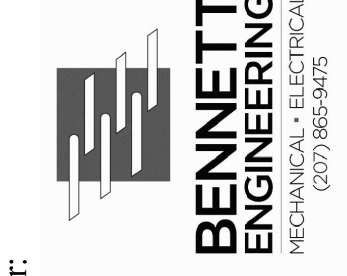
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA
1	TEMP LIGHTS	20	1		0.50	0	2				49	0.70	34
3	ROOF RECEP	20	1	2	0.50	1	4	HVAC-W	60	3			
5	SPARE	20	1			0	6				49	0.70	34
7	SPARE	20	1			0	8	SPARE	20	1			0
9	SPARE	20	1			0	10	SPARE	20	1			0
11	SPARE	20	1			0	12	SPARE	20	1			0
13	SPARE	20	1			0	14	SPARE	20	1			0
15	SPARE	20	1			0	16	SPARE	20	1			0
17	SPARE	20	1			0	18	SPARE	20	1			0
19	SPARE	20	1			0	20	SPARE	20	1			0
21	SPARE	20	1			0	22	SPARE	20	1			0
23	SPARE	20	1			0	24	SPARE	20	1			0
25	SPARE	20	1			0	26	SPARE	20	1			0
27	SPARE	20	1			0	28	SPARE	20	1			0
29	SPARE	20	1			0	30	SPARE	20	1			0
31	SPARE	20	1			0	32	SPARE	20	1			0
33	SPARE	20	1			0	34	SPARE	20	1			0
35	SPARE	20	1			0	36	SPARE	20	1			0
37	SPARE	20	1			0	38	SPARE	20	1			0
39	SPARE	20	1			0	40	SPARE	20	1			0
41	SPARE	20	1			0	42	SPARE	20	1			0

AT - Amp Trip
P - Poles
A - Amps
CA - Connected Amperes
DF - Demand Factor (1 - .1)
DA - Demand Amperes
MLO - Main Lug Only
MCB - Main Circuit Breaker


Section 1
Tot Amps/PH - Connected Load 49.67
Demand Factor 69.73%
Total Amps/PH - Demand 34.63
Connected KVA 17.87
Demand KVA 12.46



Prepared For:



Consulting Engineer:



Architect:

Project:

Revisions:

Date: 03/16/2015

Scale: As Noted

PORTLAND, MAINE

E1.03