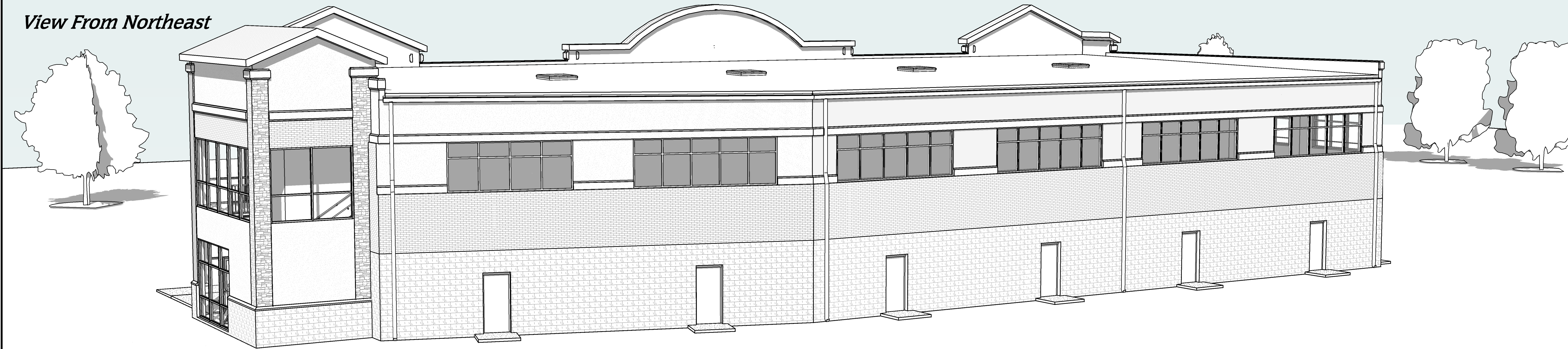


View From Northeast



View From Southeast



View From Southwest



Code Information:

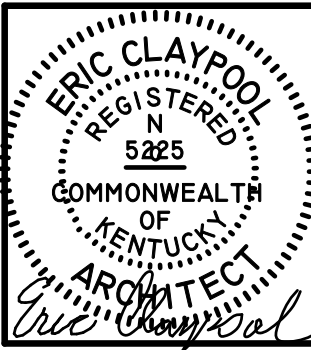
Ch 3 Occupancy Classification
1st Floor: (M) (Mercantile) at 9,370 sf
2nd Floor: (B) (Business) at 10,187 sf
Total 2 Floors: 19557 sf
Ch 5 Allowable Height & Area:
Occupancy (M): 2-Story - 12,500 sf OK
Occupancy (B): 3-Story - 19,000 sf OK
Req. Separation of Occupancies
Per Table 508.4 Between M & B Areas:
Non-Sprinklered Areas: 0-Hr.
Incidental Uses & Req. Sep. Per 509 At:
No Incidental Uses This Project
Ch 6 Type of Construction: IIIB Non-Protected
Fire-Rating Of Building Elements
Primary Structural Frame: 0
Bearing Walls- Exterior: None
Bearing Walls- Interior: None
Non-Brg. Walls & Part. Ext.: 0
Non-Brg. Walls & Part. Int.: 0
Floor & 2nd Members: 0
Roof & 2nd Members: 0
Ext. Wall Requirements Based On
Separation Dist.: 1-Hr. at Col. Line 1
Ch 7 Fire-Barrier Assembly Requirements
At Rated Stairwells: 1-Hr.
At Vertical Fire Barriers: 1-Hr.
At Horizontal Separations: 1-Hr.
Ch 9 Automatic Sprinkler Systems
No Sprinklers On This Project
Ch 10 Means of Egress
Maximum Floor Area Allowance:
1st Floor M Occupancy at Each Unit:
Per Each 1558 sf Unit:
1058 sf Retail/30 sf/Person = 35 People
500 sf Stock Area/300 sf/Person = 2
1st Floor Max Occ. = 37 People Each Unit
x 6 Units = 222 People, Approx.
2nd Floor B Occupancy at Each Unit:
810 sf Units/ 100/sf Person = 8
782 sf Units/ 100/sf Person = 8
2nd Floor Max. Occ. = 8 People Each Unit
x 12 Units = 96 People, Approx.
Total Occupancy = 318 People, Approx.
Max. Common Path of Egress Travel: 100 ft
Max. Exit Access Travel Distance: 200 ft
Corridor Fire-Resistance Rating: 1-Hr.
Minimum Corridor Width: 44 Inches
Stories With One Exit:
1st Floor M Area: 49 Occupants 75 ft.
2nd Floor B Area: 29 Occupants 75 ft.
Stair Dimensions:
Commercial: Riser 7" Max., Tread 11" Min.
Ch 16 Min. Uniform Live Loads Per Use
1st Floor M Areas: 100 lb/sf
2nd Floor B Offices: 50 lb/sf
2nd Floor B Corridors: 80 lb/sf
Min. Ground Snow Load For
Jefferson County: 15 psf
Min. Depth of Footings For
Jefferson County: 24 in

New 1st Floor Retail - 2nd Floor Offices at
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12,910 & 12,920 Factory Lane
Louisville KY 40245

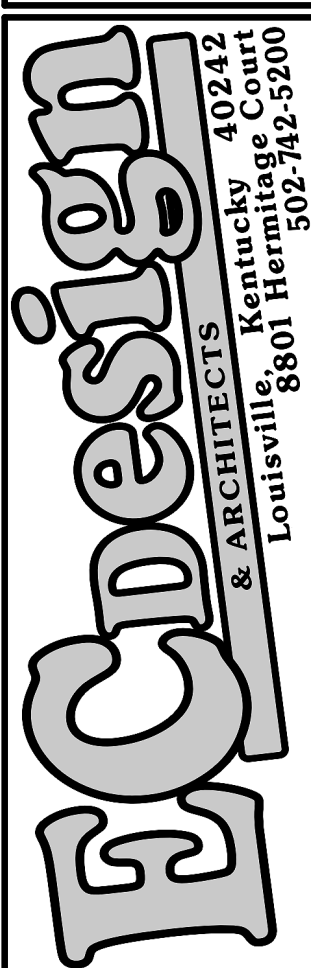
Sheet Index

- A0.1 Cover Sheet
- A1.1 1st Floor Plan
- A1.2 2nd Floor Plan
- A2.1 Exterior Elevations
- A2.2 Building Sections
- A3.1 Front Wall Sections
- A3.2 End Wall Sections
- S1.1 1st Floor Foundation Plan
- S1.2 2nd Floor Framing Plan
- S1.3 Roof Framing Plan
- S2.1 Structural Elevations
- S3.1 Structural Wall Sections
- S3.2 Structural Wall Sections
- S3.3 Structural Details

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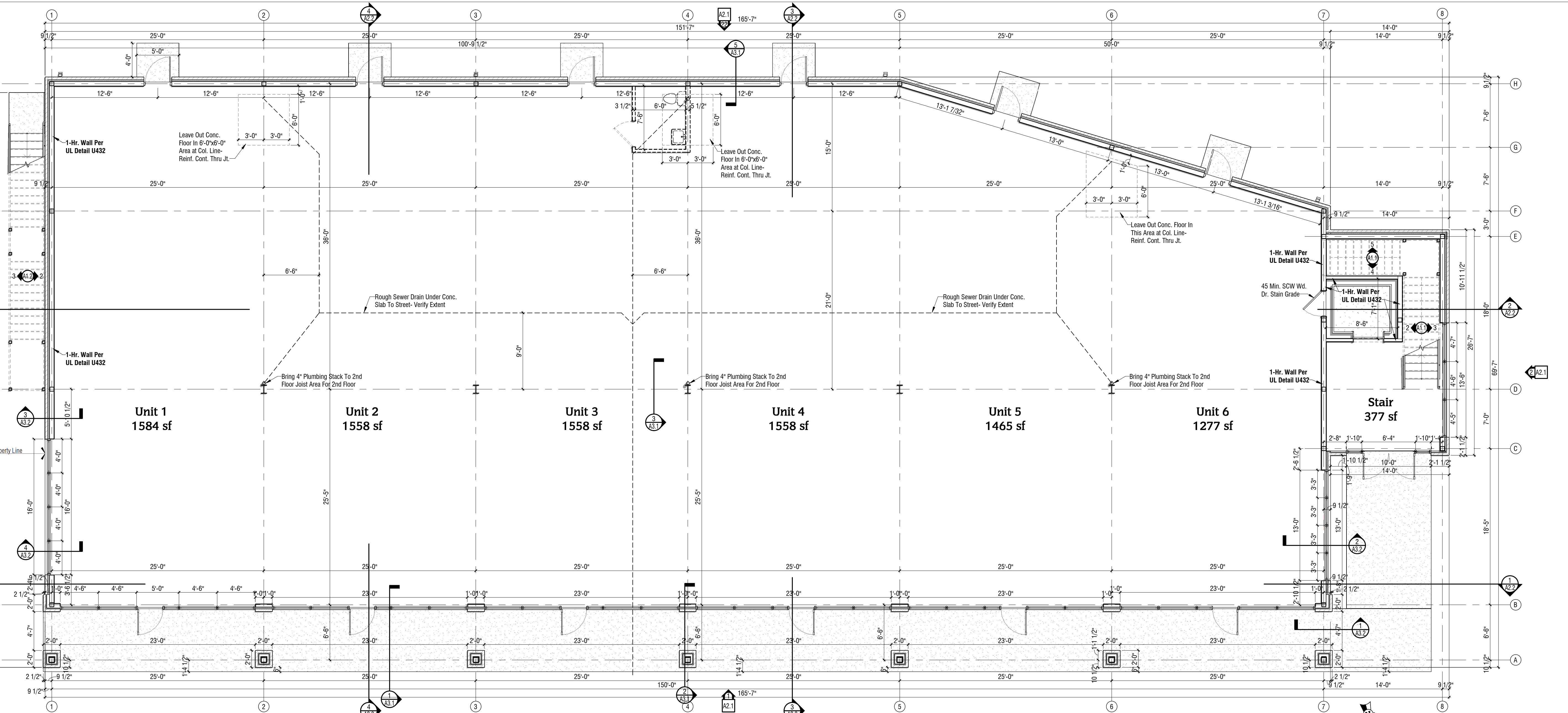


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Cover Sheet
1/18/2018
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EDC
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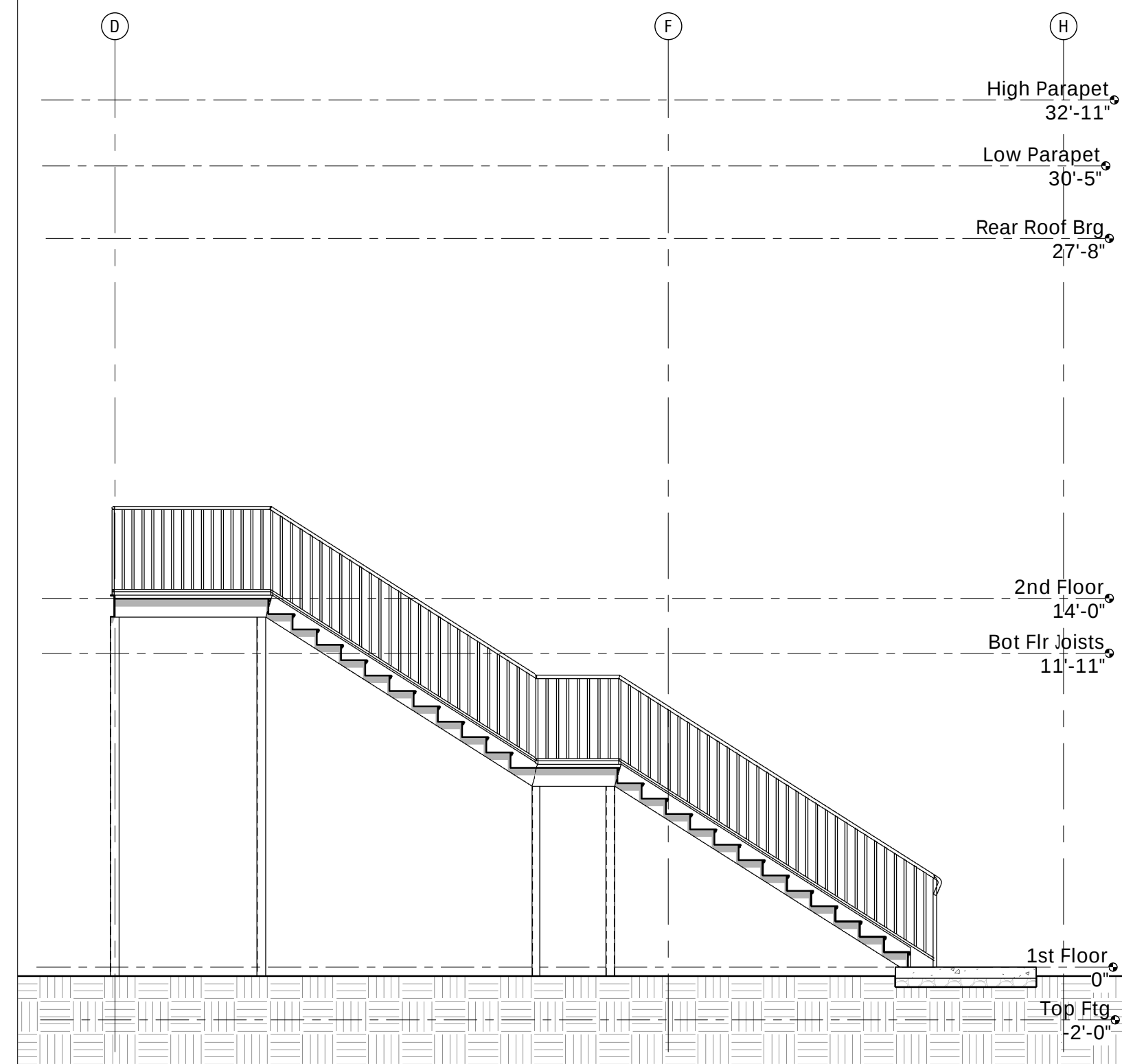
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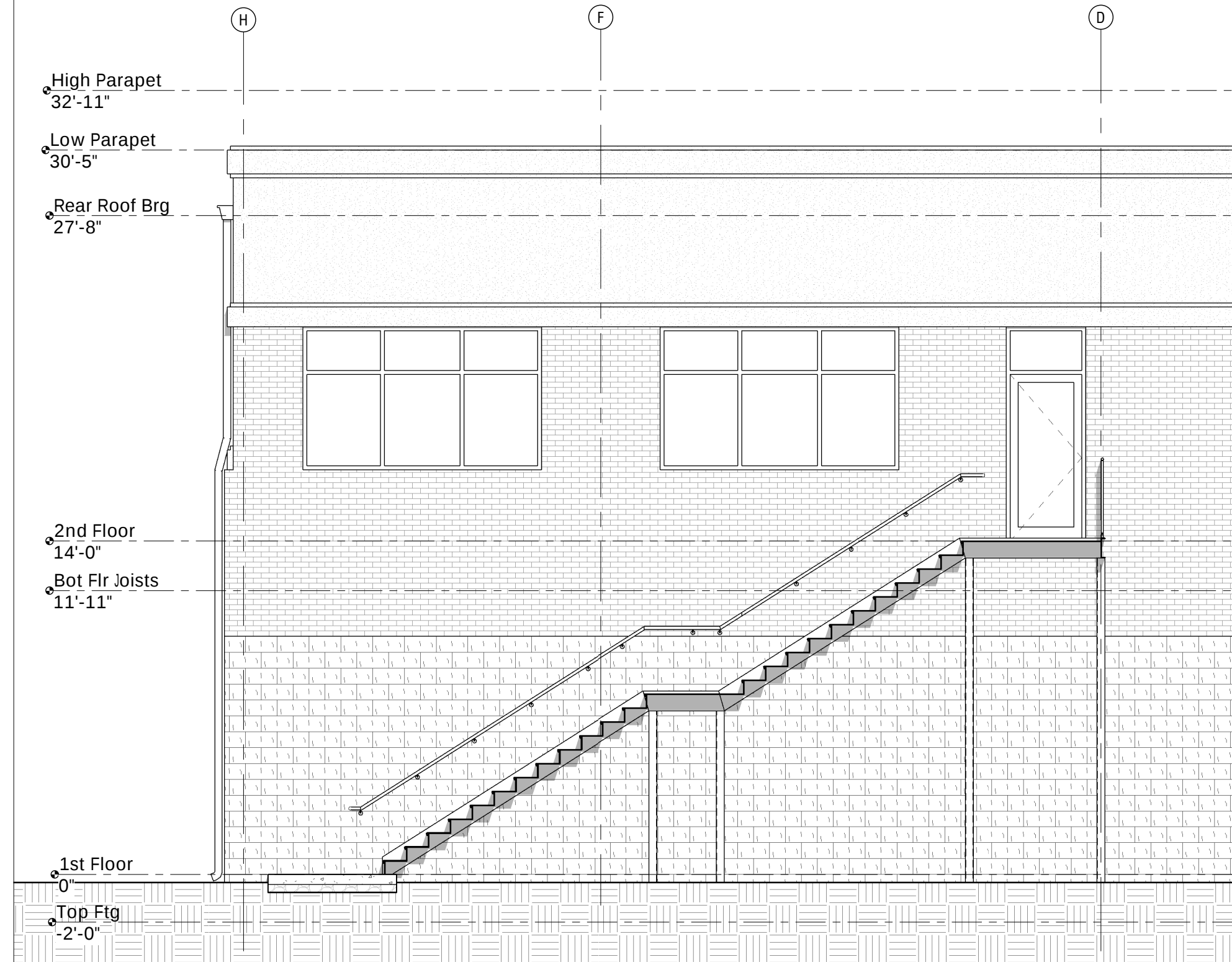
1st Floor	9000 sf (Excluding Stair Tower)	Stair Tower	377sf
2nd Floor	<u>10,000 sf (Excluding Stair Tower)</u>		
Total	19,000 sf Both Floors		

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 & ARCHITECTS 40242
 Kentucky Court
 Louisville, KY Hermitage Court
 Louisville, KY 40200 5200

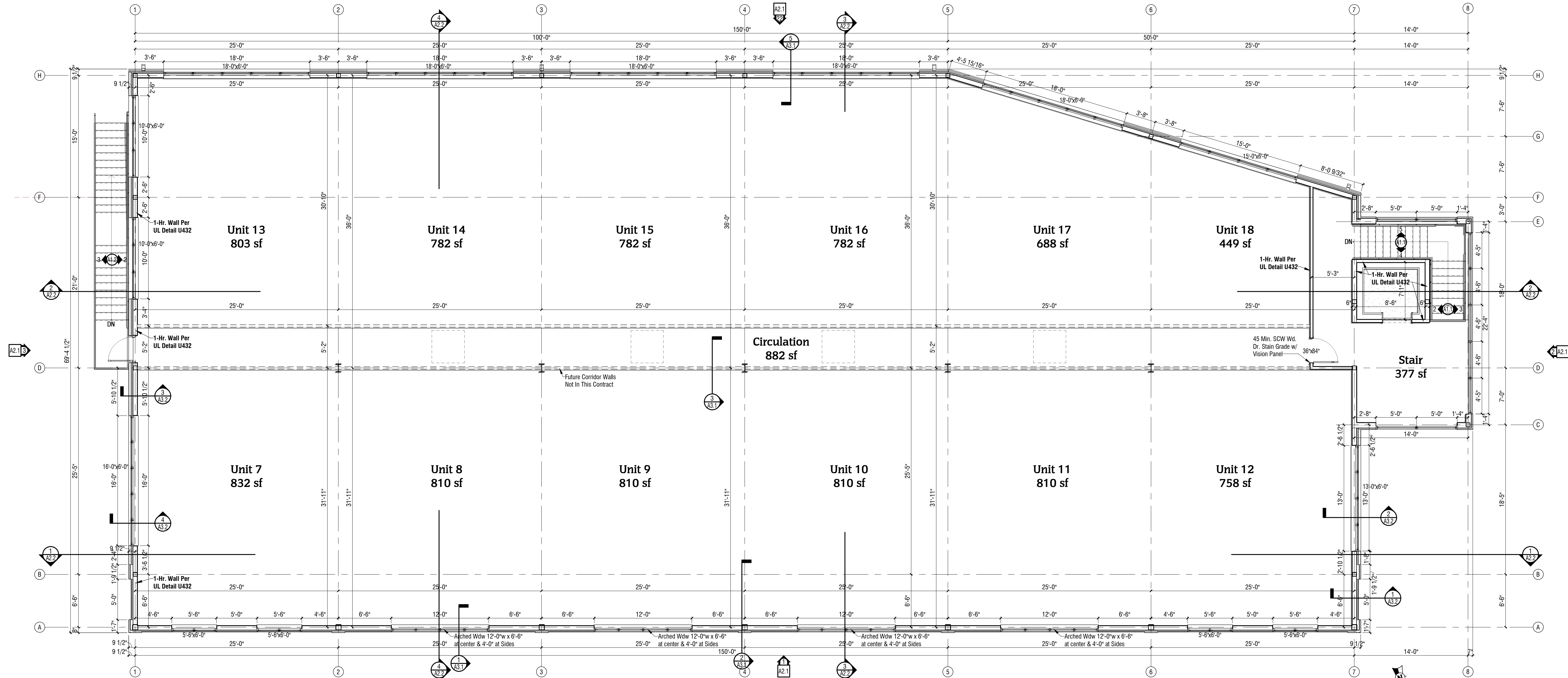
1st Floor Plan
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1804
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A1.1



3/2 Exterior Stair 2
1 : 60



2/2 Exterior Stair 1
1 : 60



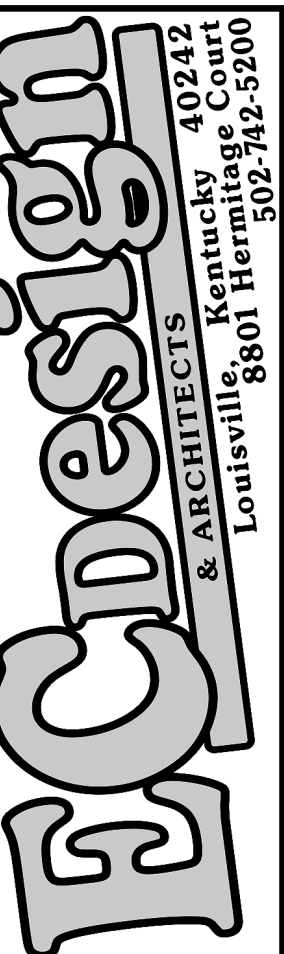
1/2 2nd Floor Plan
1 : 75

1st Floor 9000 sf (Excluding Stair Tower) Tower 377sf
2nd Floor 10,000 sf (Excluding Stair Tower)
Total 19,000 sf Both Floors

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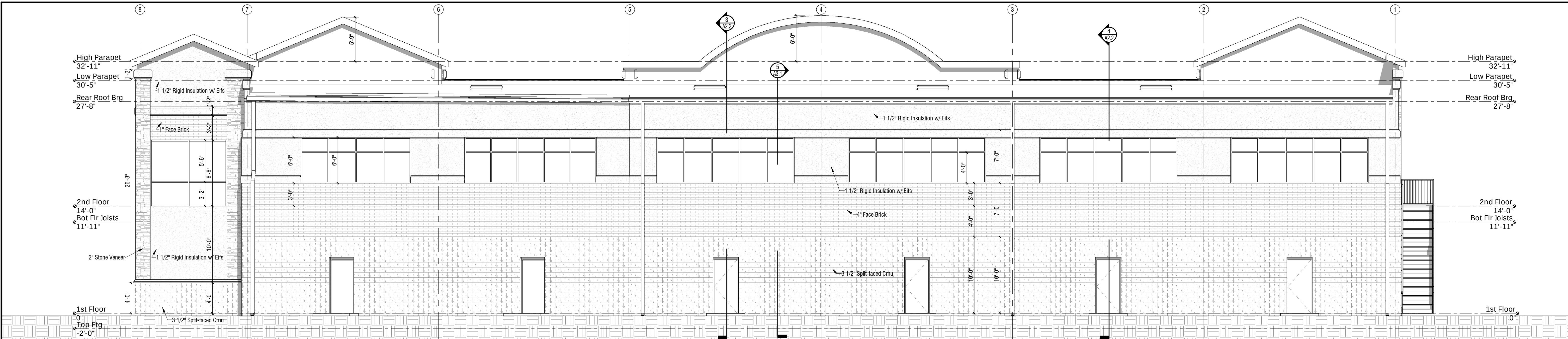


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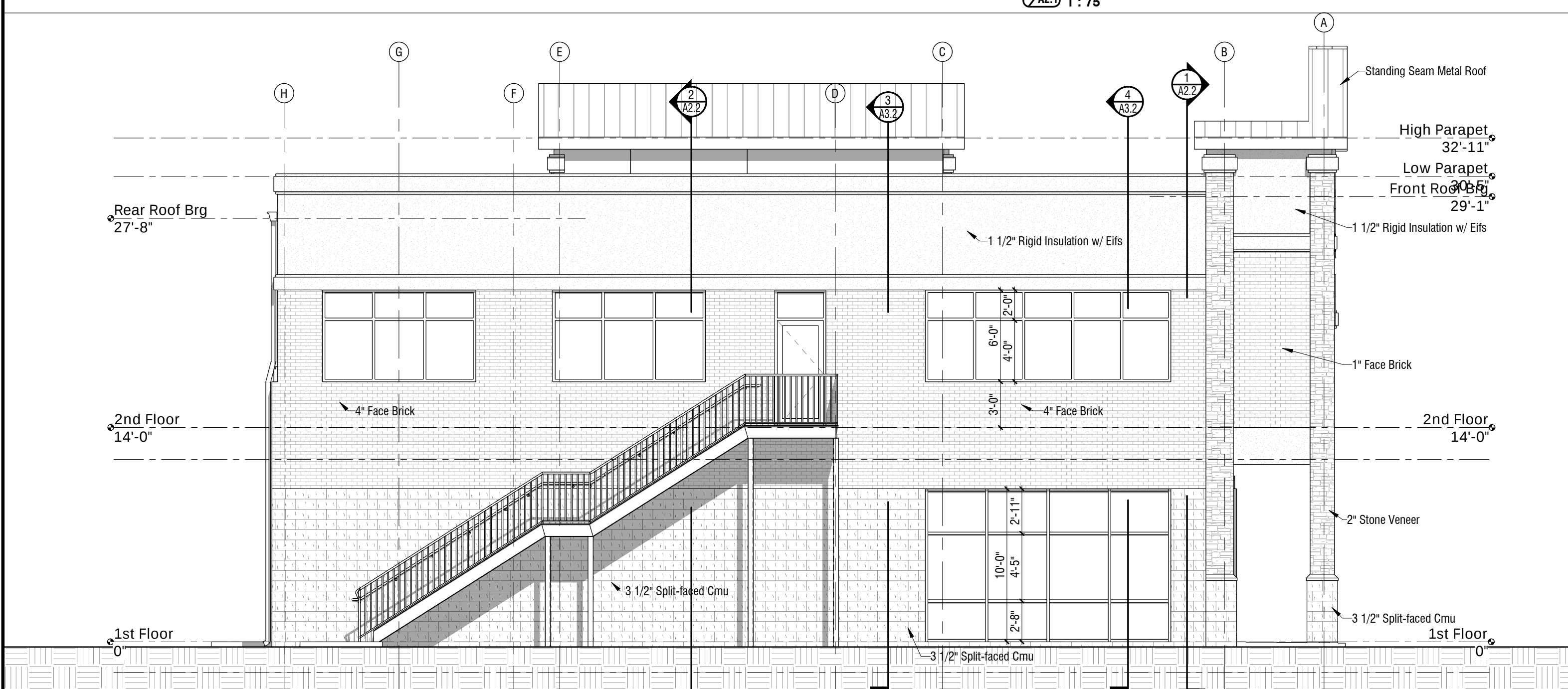


2nd Floor Plan
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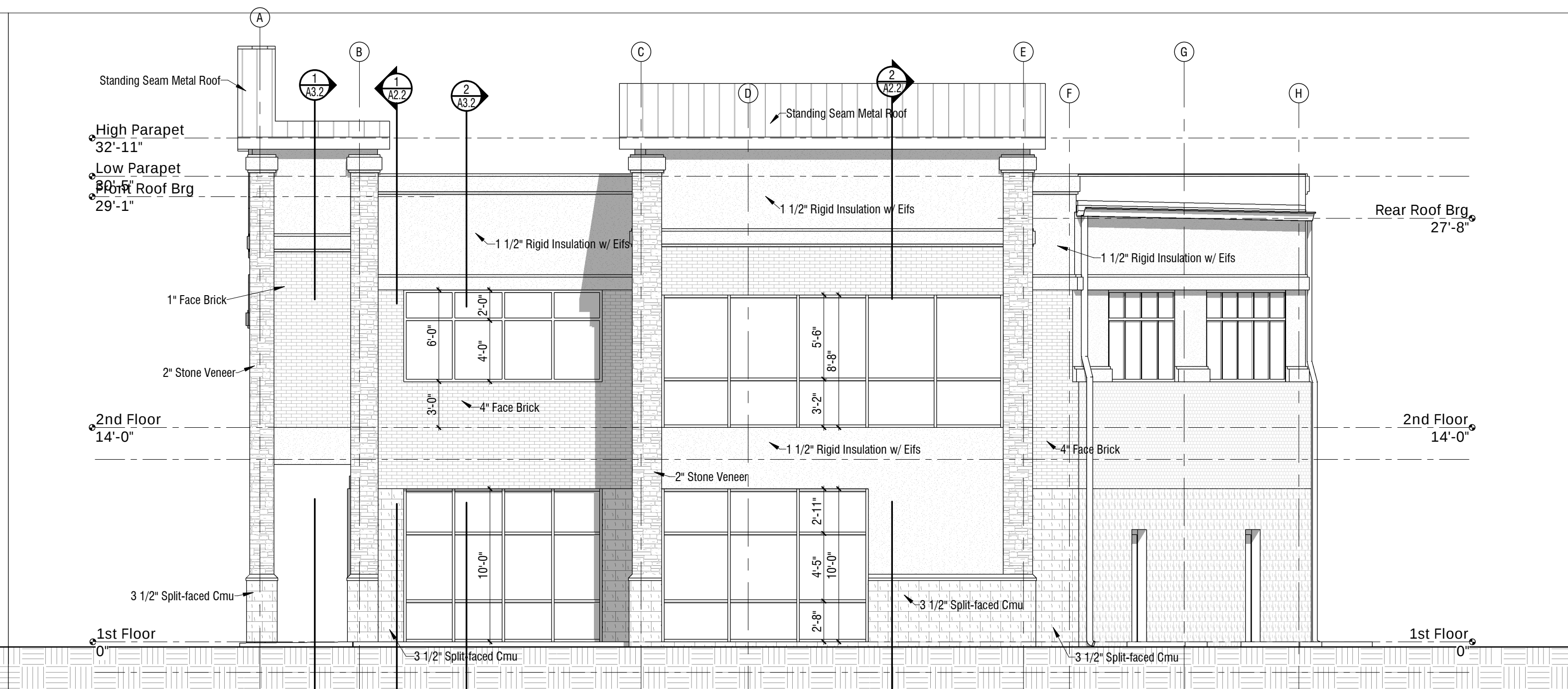
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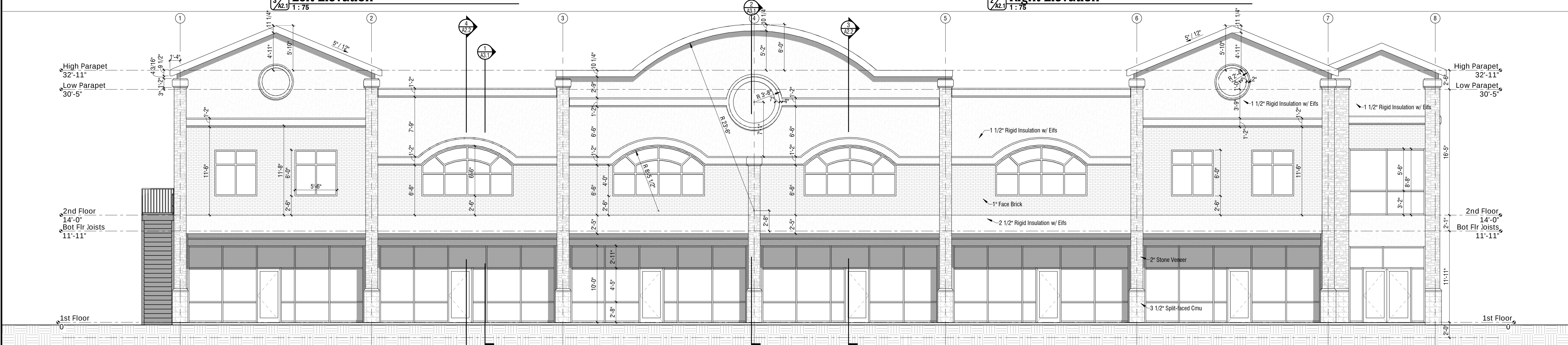
22 Rear Elevation
1:75



3 Left Elevation
1:75

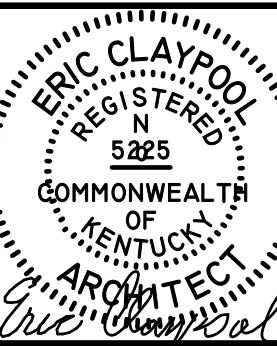


2 Right Elevation
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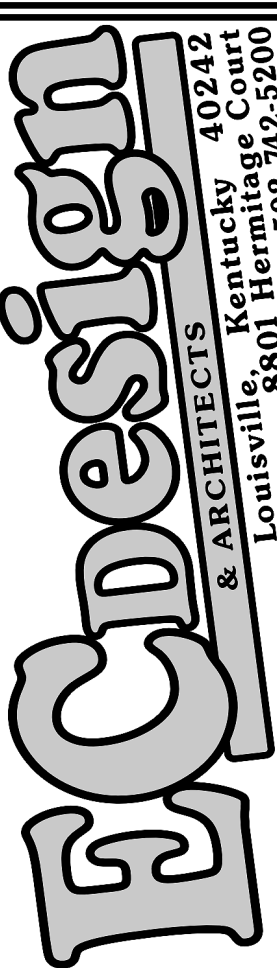


1 Front Elevation
1:75

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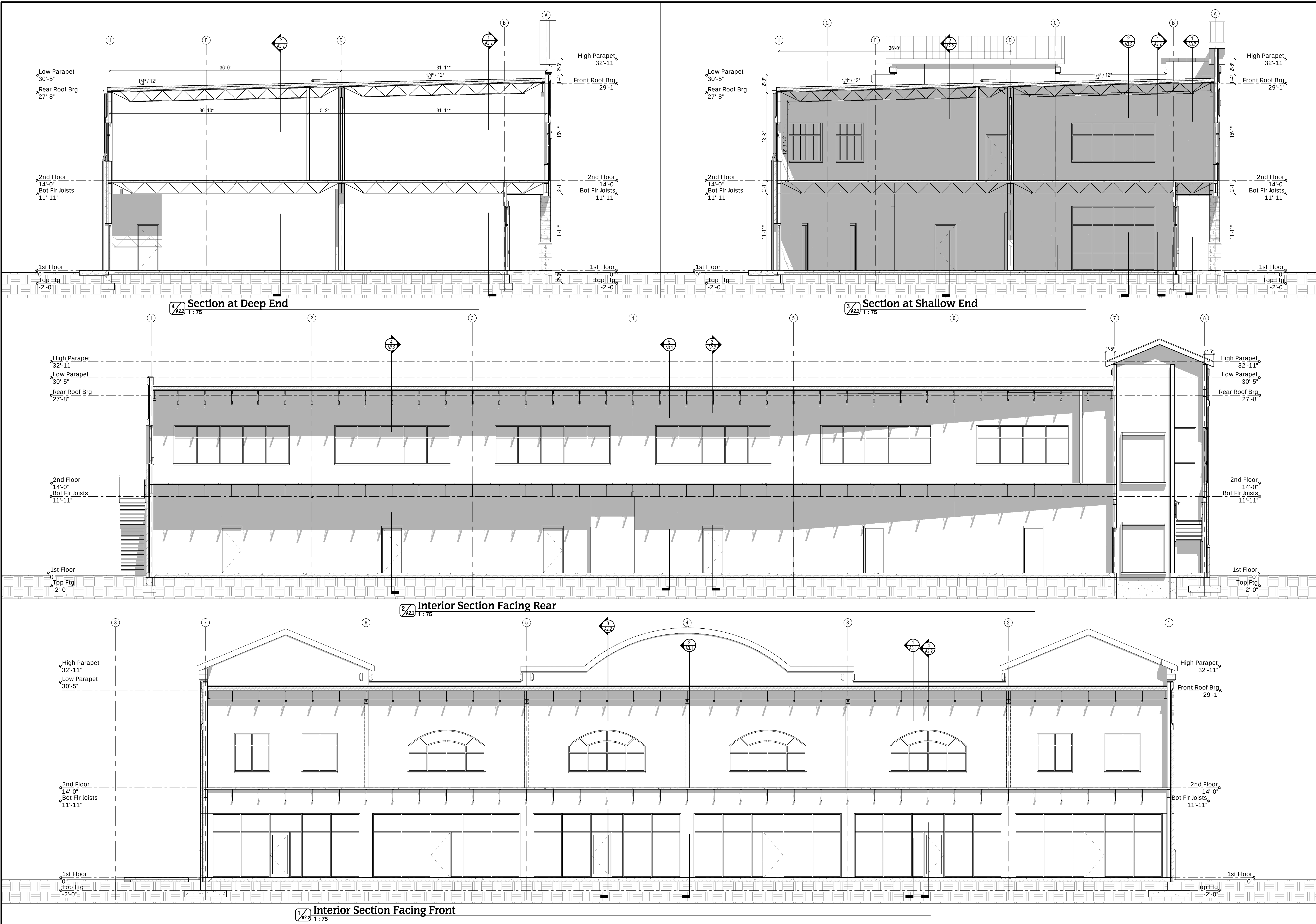


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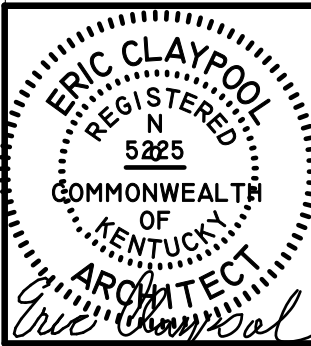


Exterior Elevations	Title
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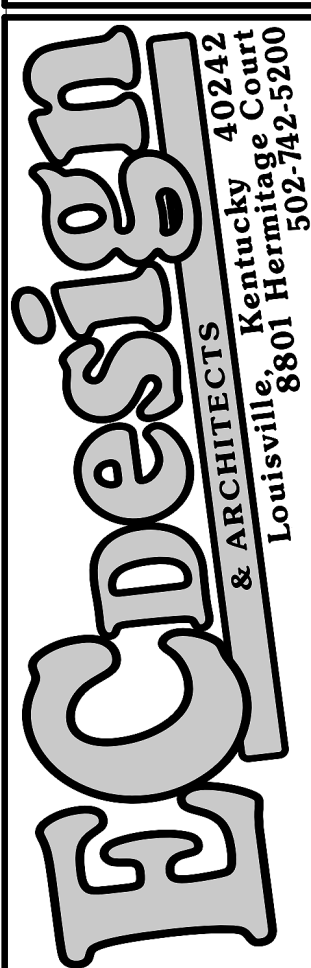
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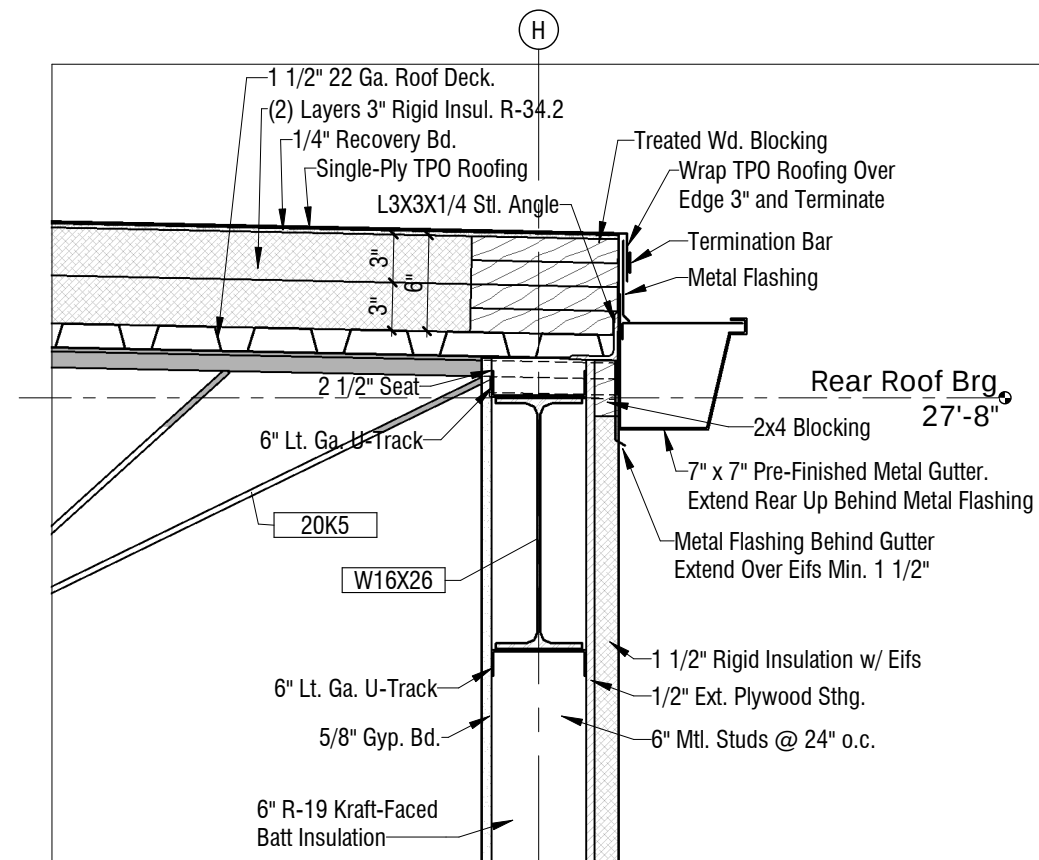


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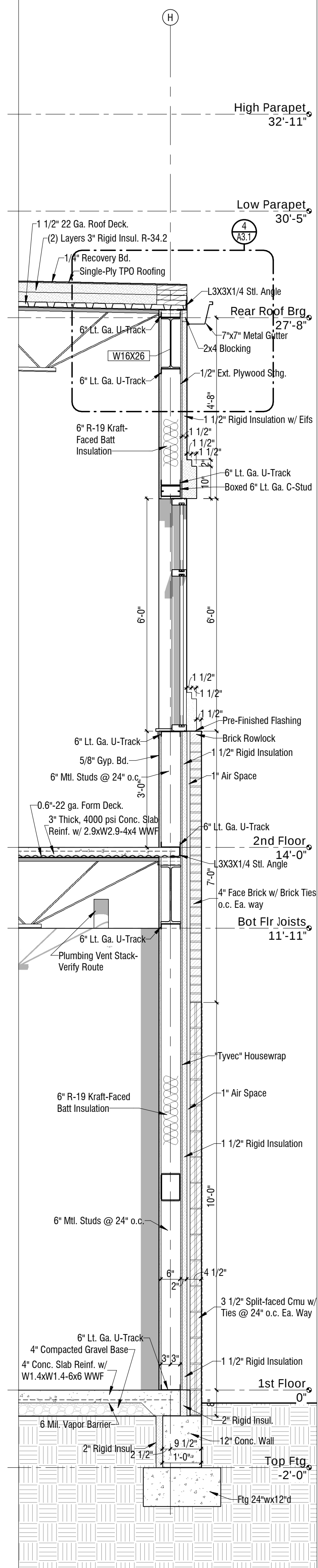


Building Sections			
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1804	Job No	Drawn By	EC
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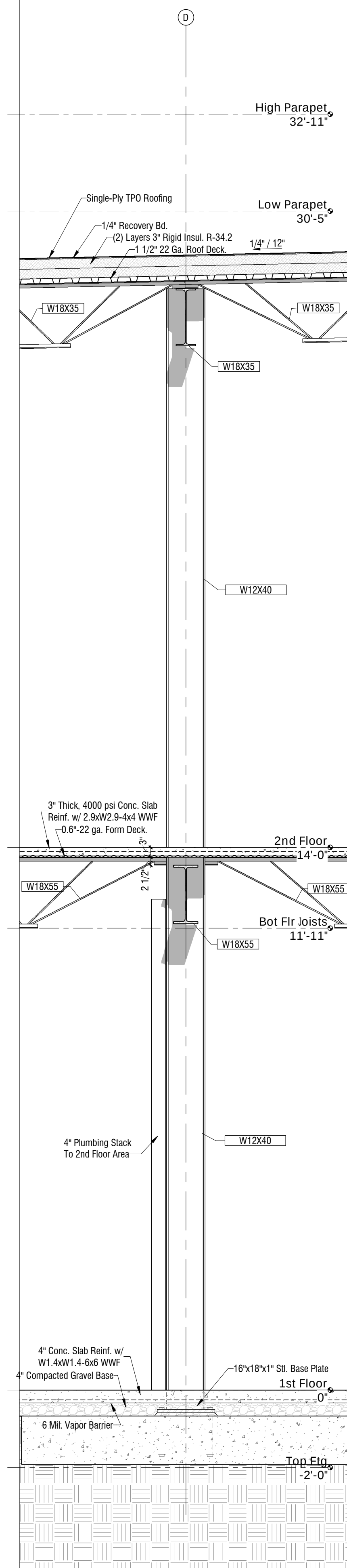
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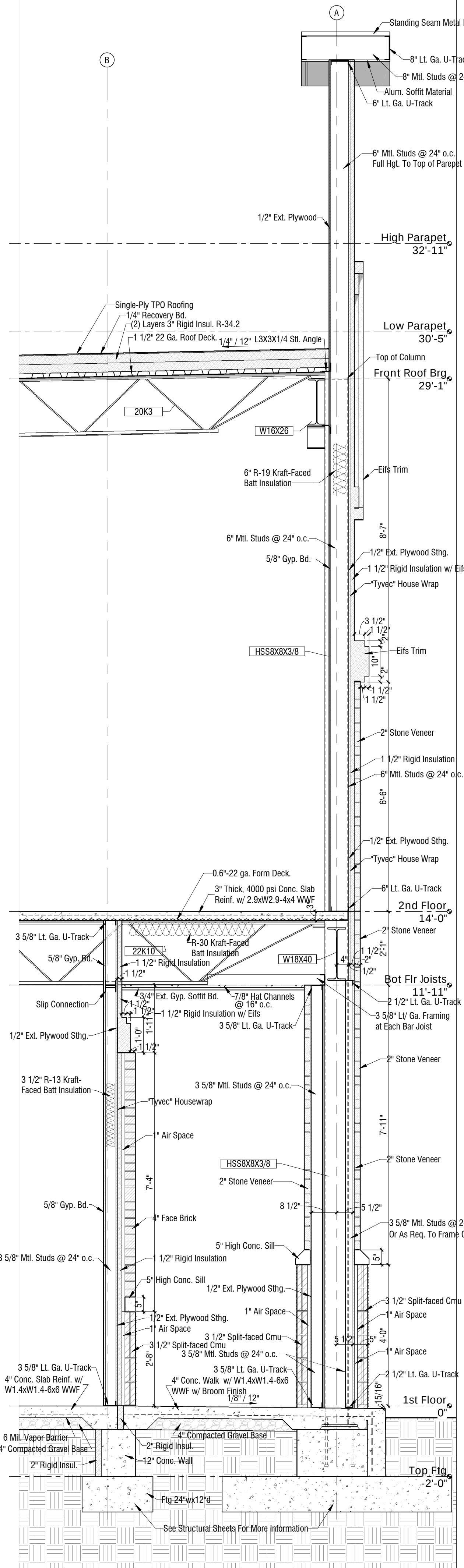
4 Rear Wall at Roof
1" = 1'-0"



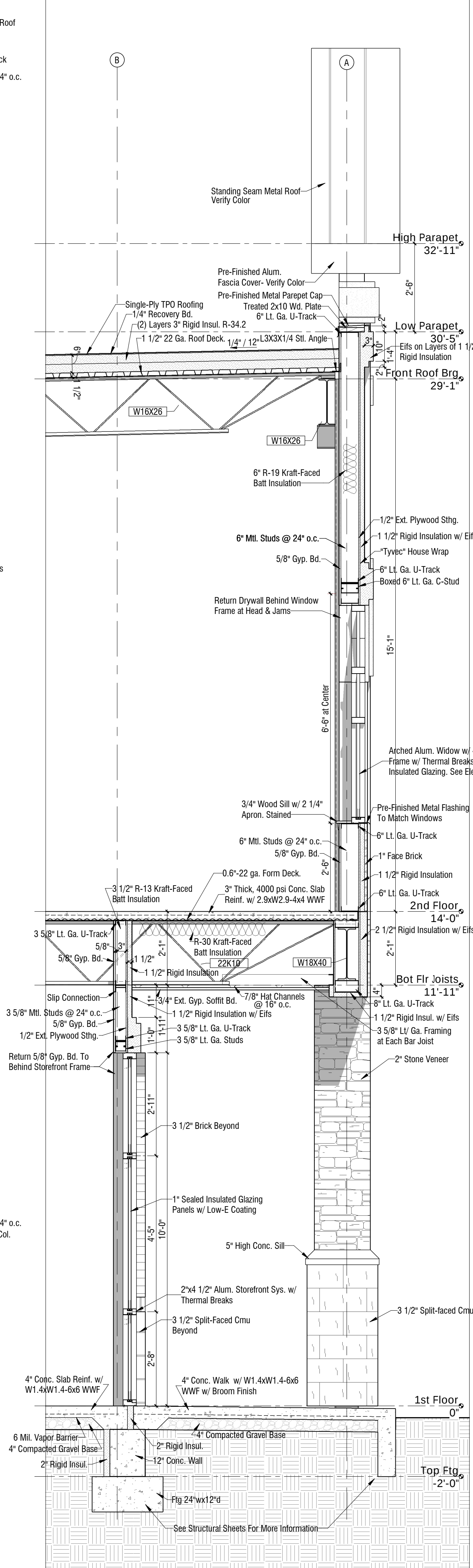
5 Rear Wall at Deep
1/2" = 1'-0"



3 Column at Center Beam
1/2" = 1'-0"

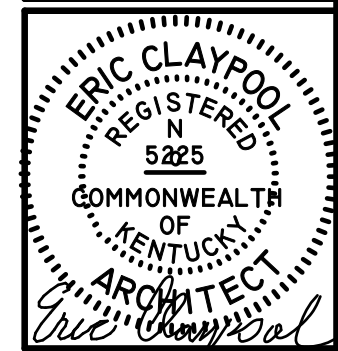


2 Porch at Columns
1/2" = 1'-0"

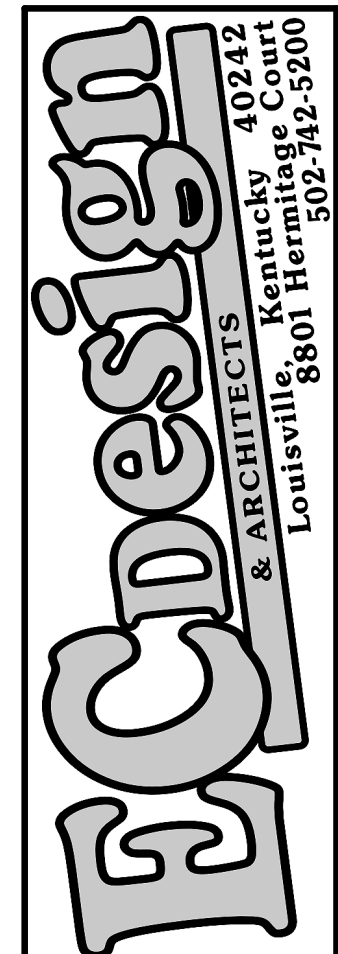


1 Porch at Storefront
1/2" = 1'-0"

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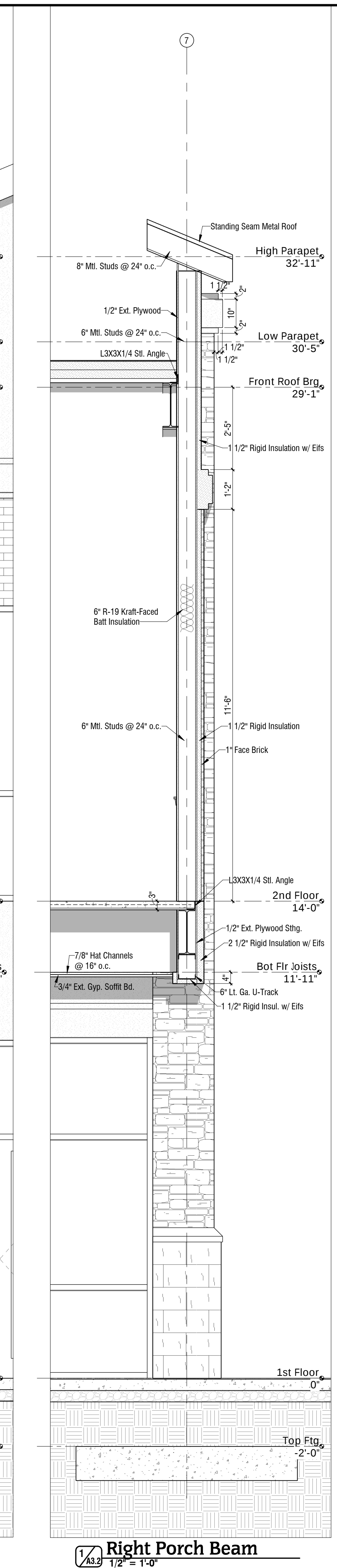
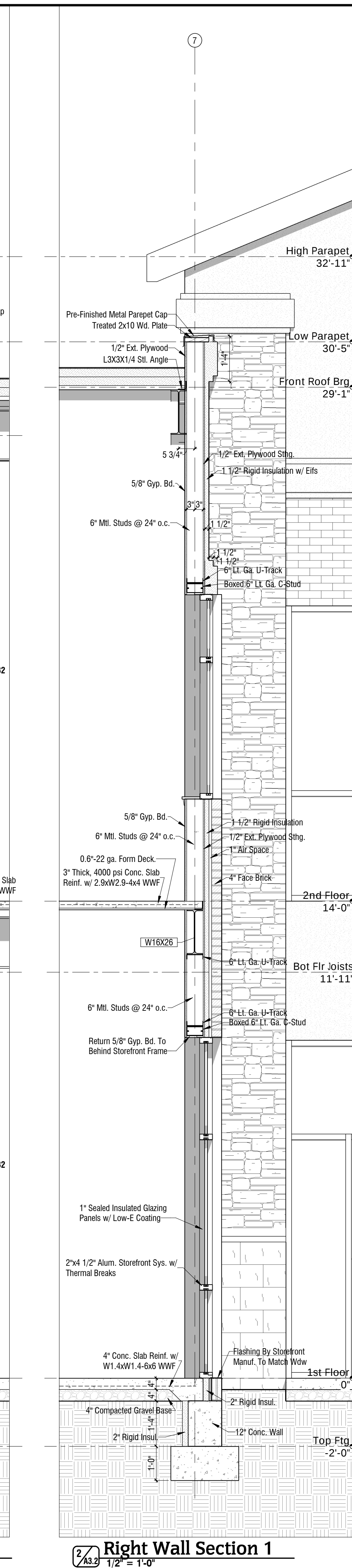
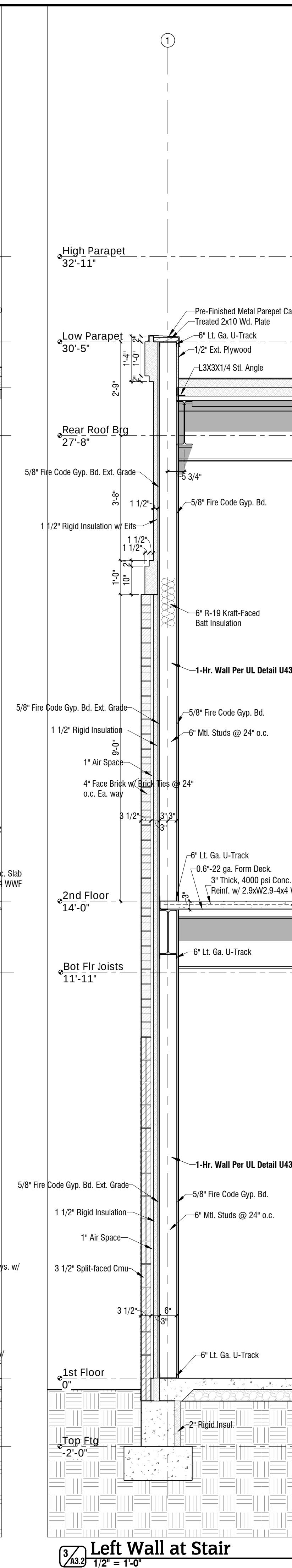
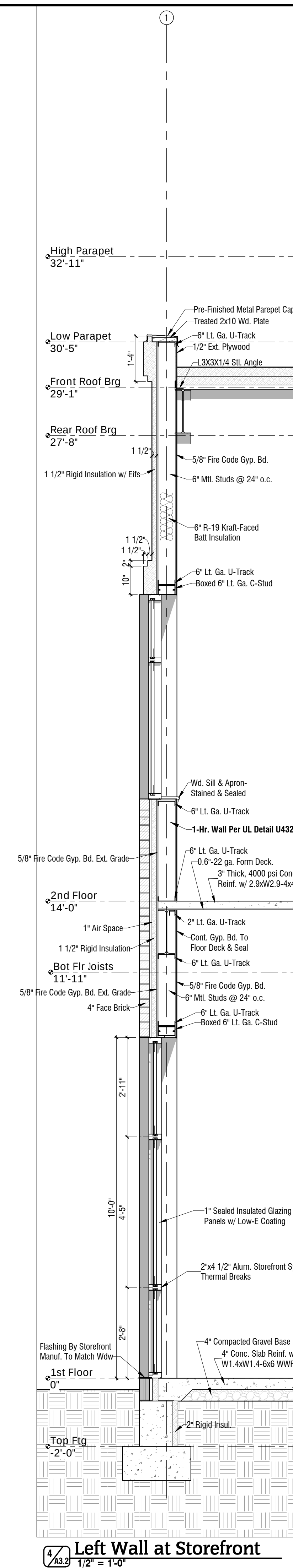


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Front Wall Sections
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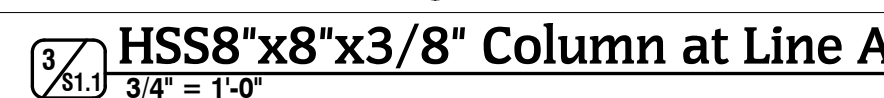
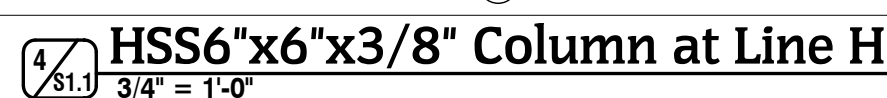
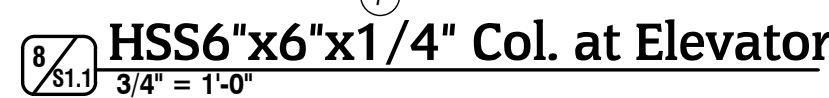
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5225
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OF
KENTUCKY
ARCHITECT
Eric Claypool

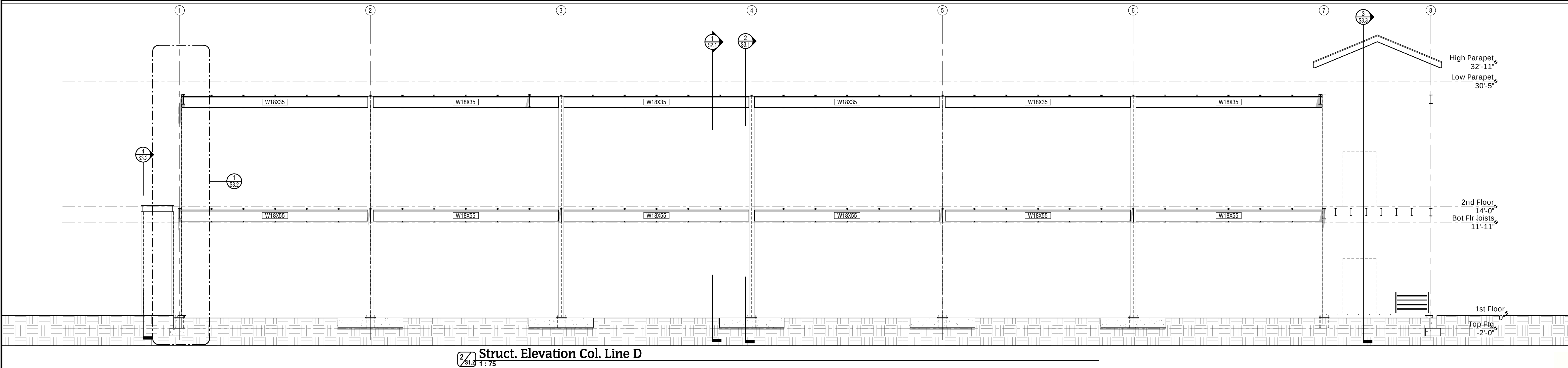
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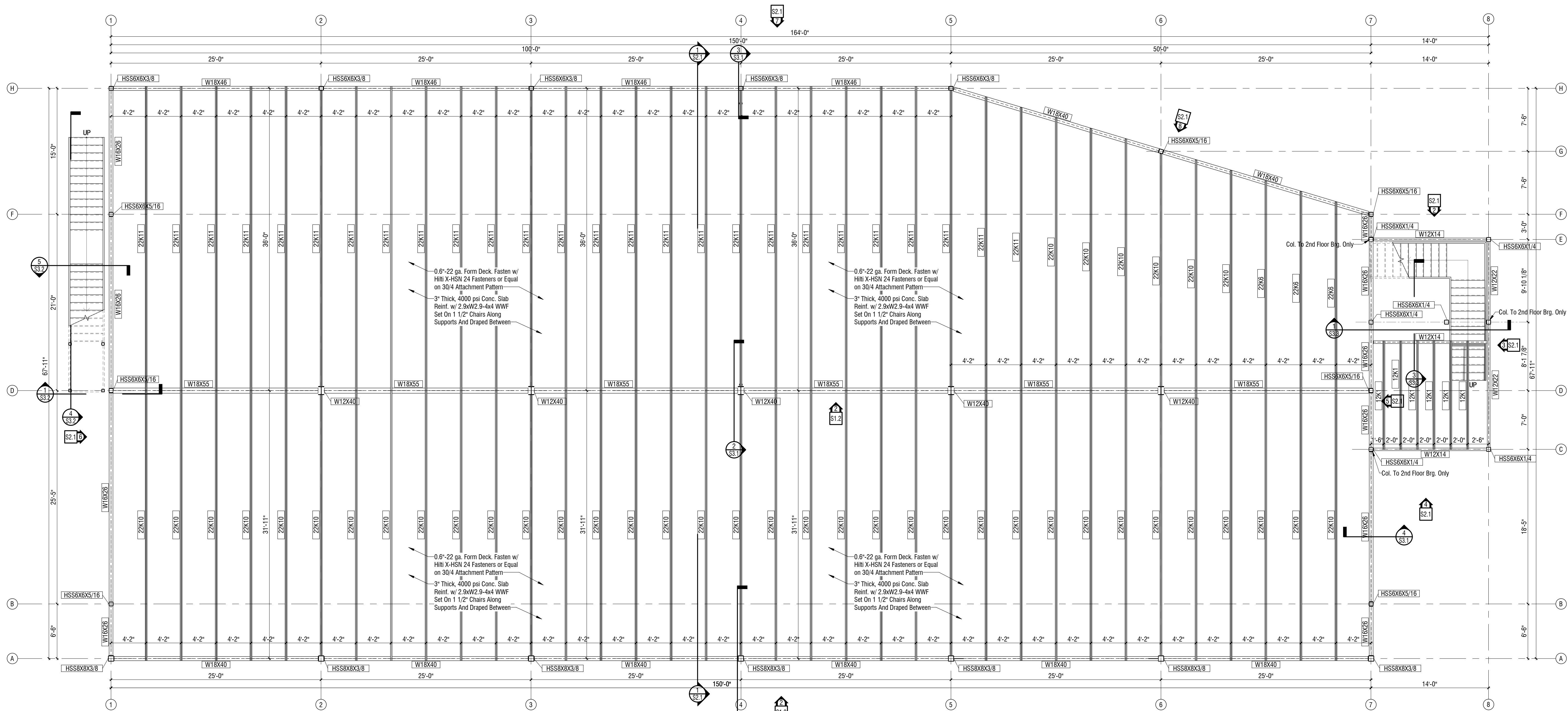
nd Wall Sections	
18/2018	Title Date Rev.
804	Job No.
DC	Drawn By
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Sheet No.
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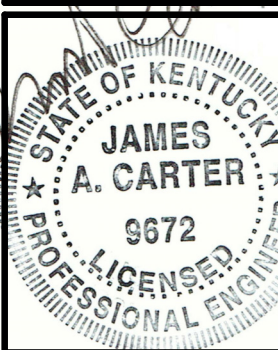


21.9 Struct. Elevation Col. Line D
1:75

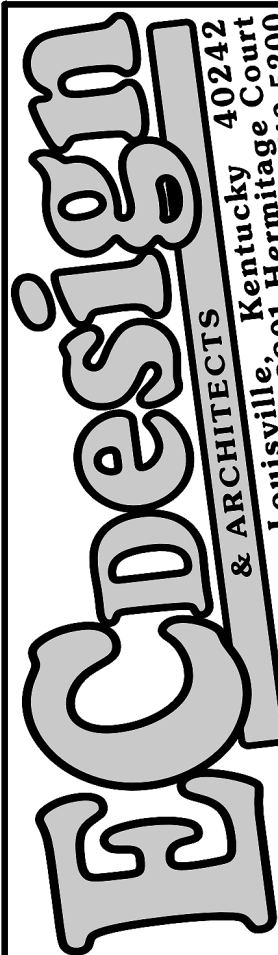


11.9 2nd Floor Framing Plan
1:75

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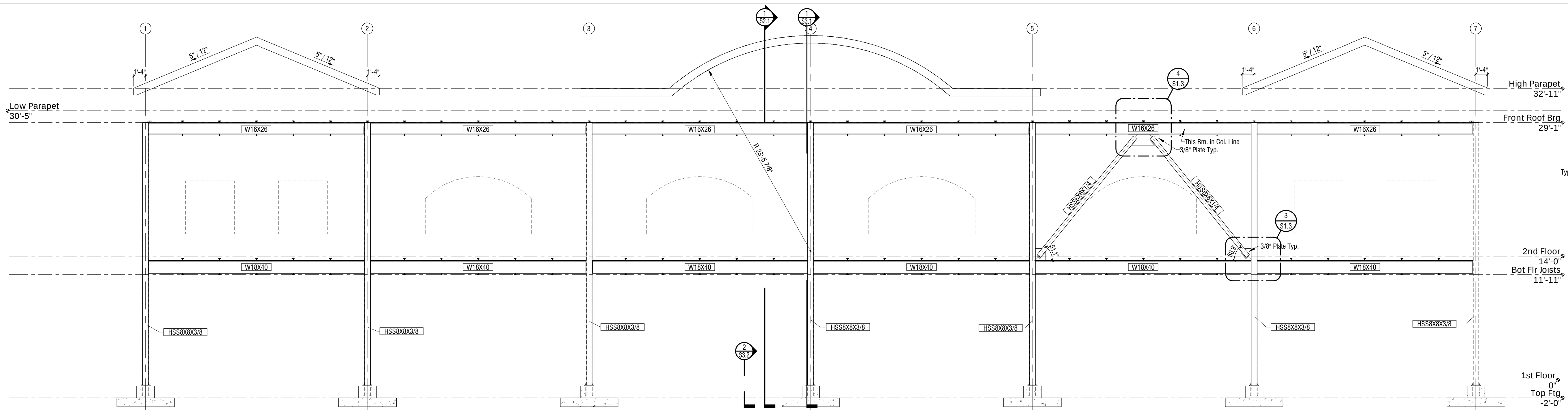


New 1st Floor Retail - 2nd Floor Offices at
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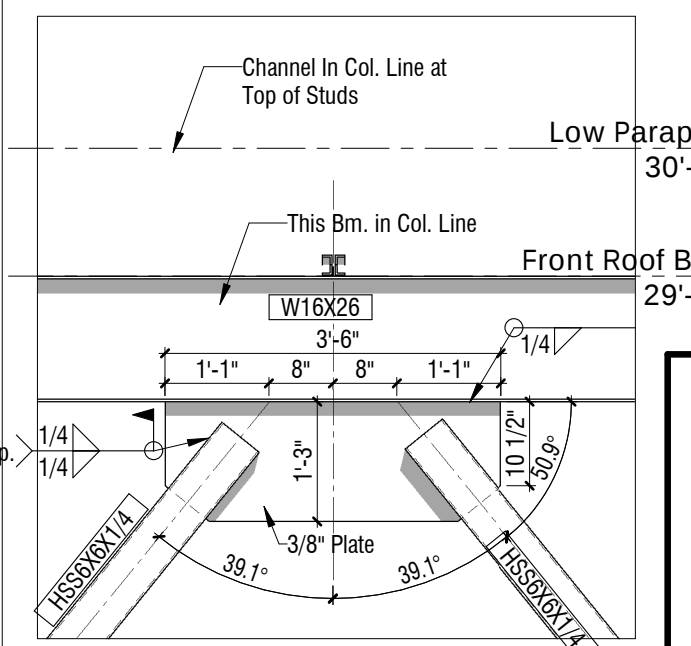


2nd Floor Framing
Plan
1/18/2018
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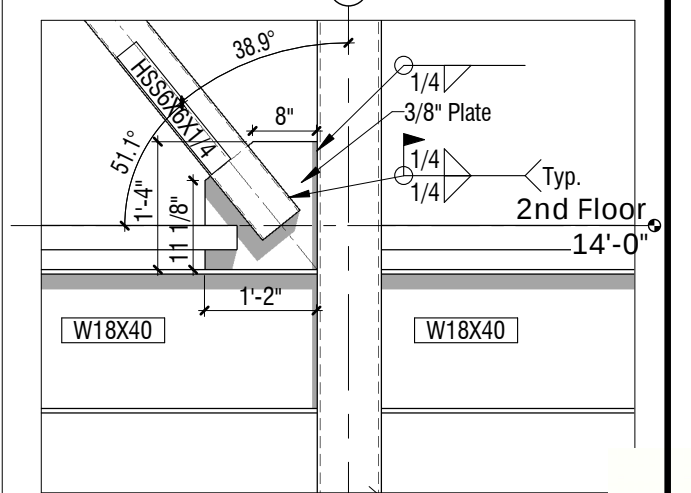
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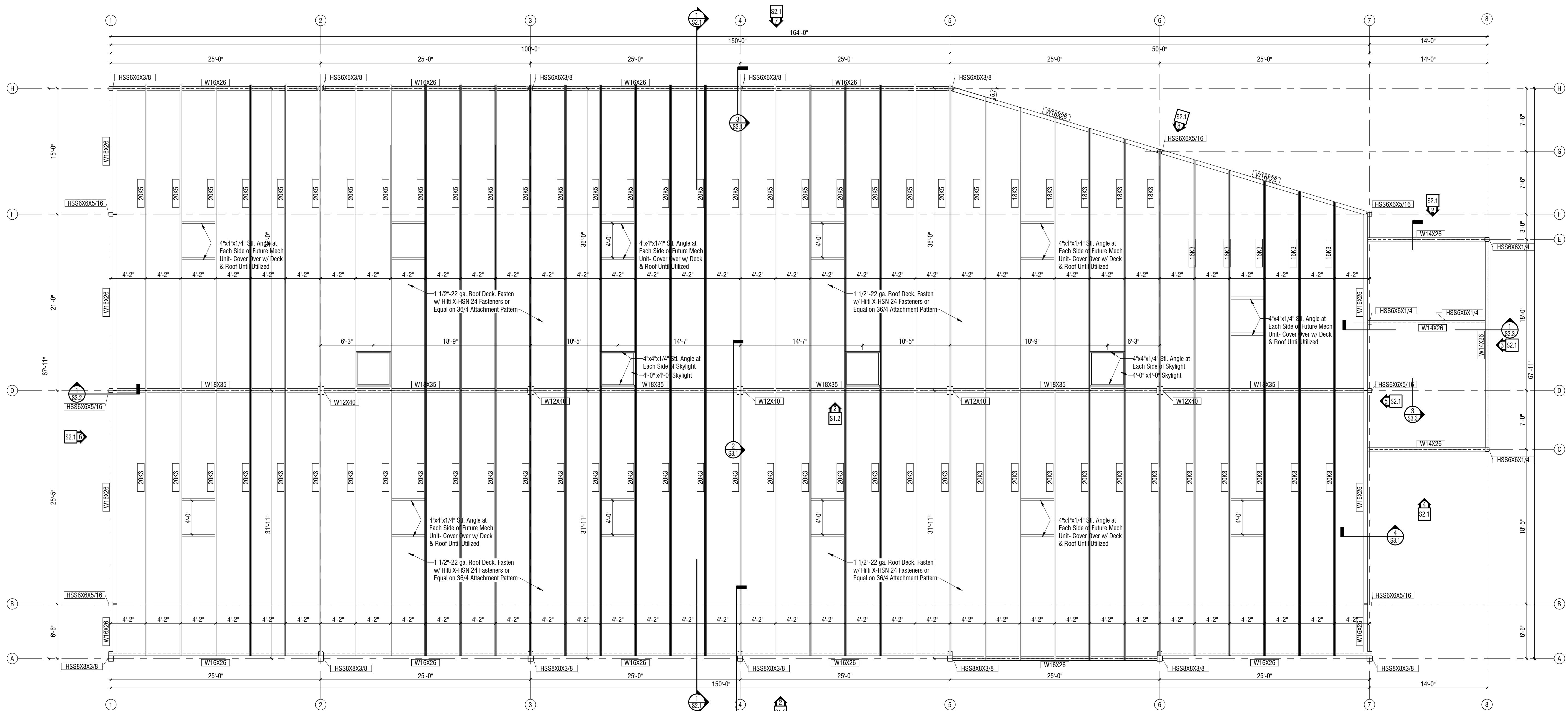
2/ S1.3 Struct. Elevation Col. Line A
1:75



4/ S1.3 Col. Line A Front Roof Brg
1/2" = 1'-0"

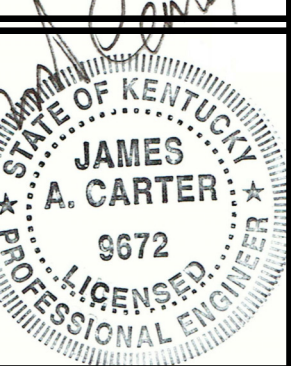


3/ S1.3 Col. Line A at 2nd Floor
1/2" = 1'-0"



1/ S1.3 Roof Framing Plan
1:75

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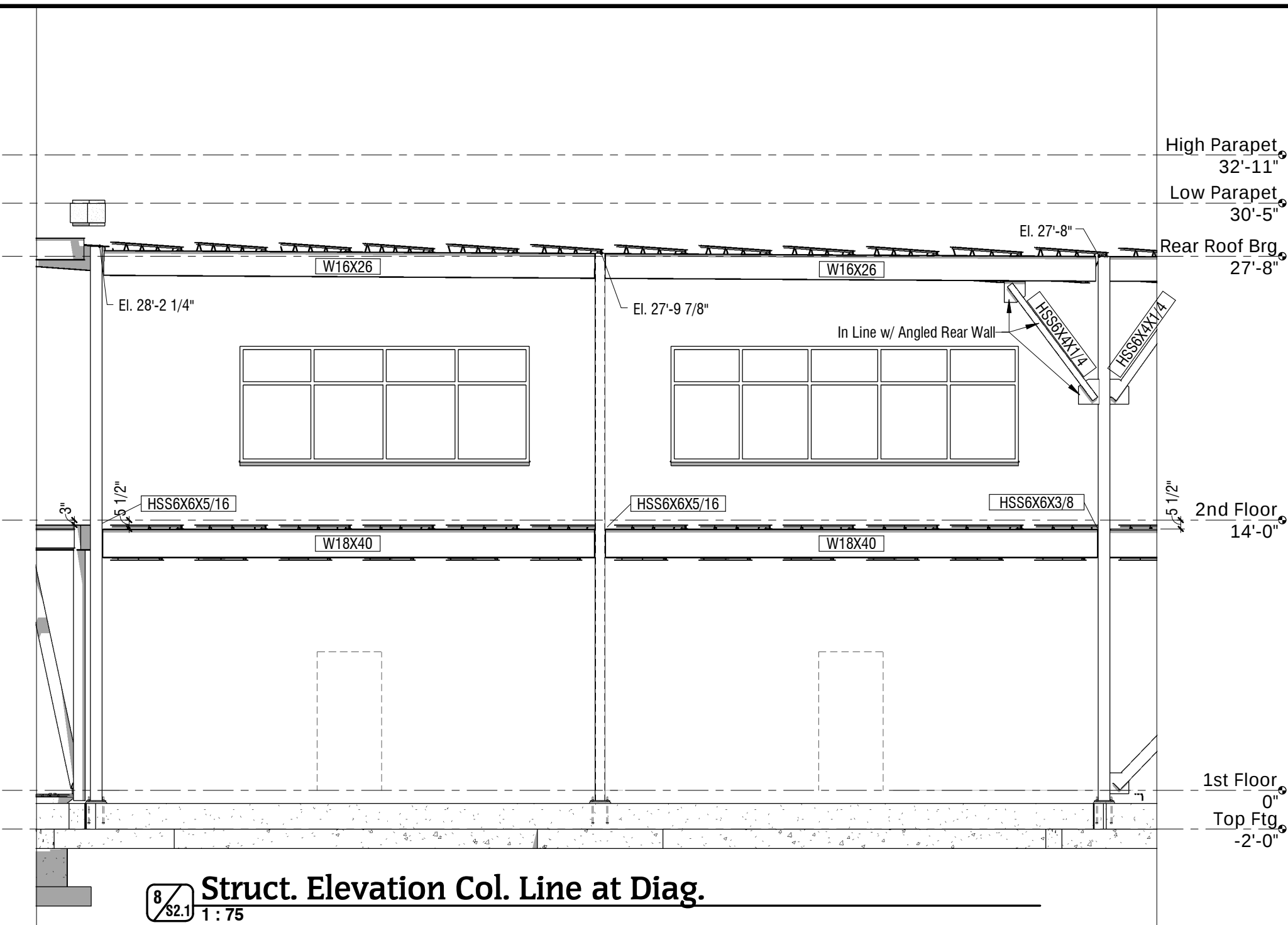


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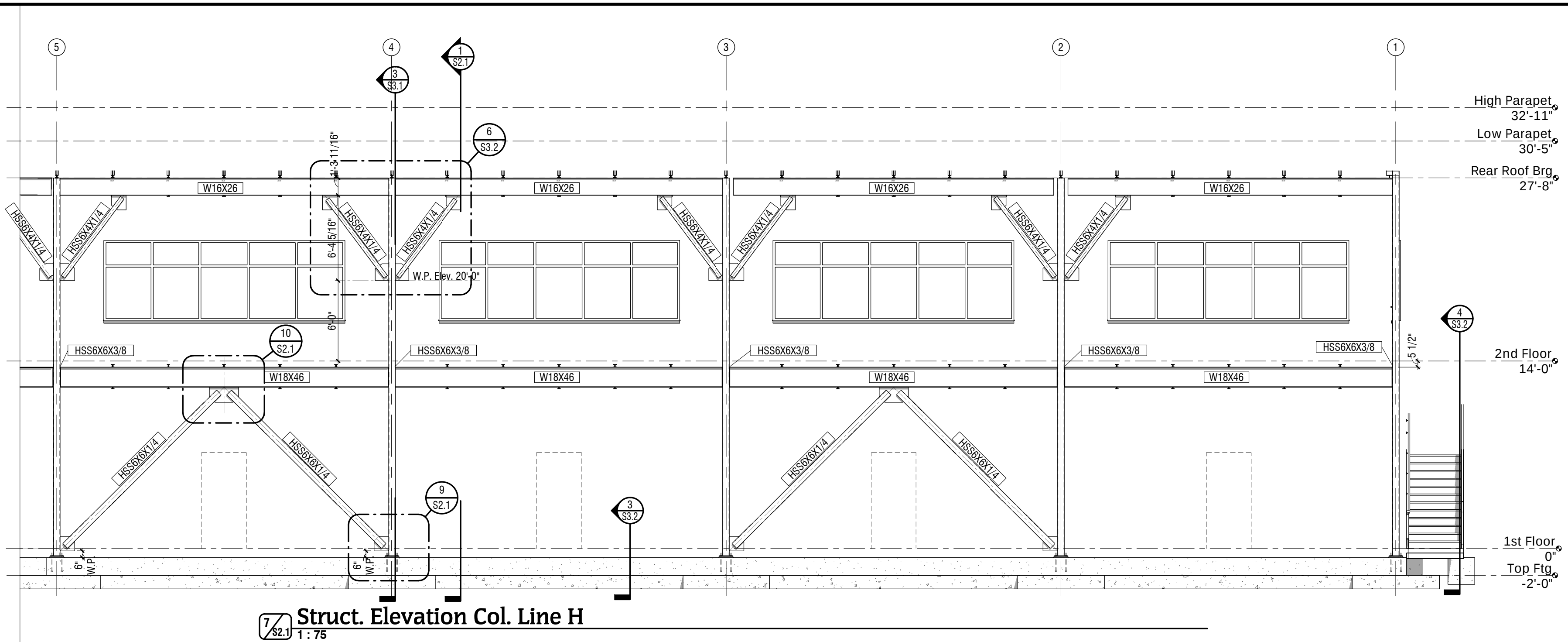
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502.742.5200

Roof Framing Plan
Title
1/18/2018 Date
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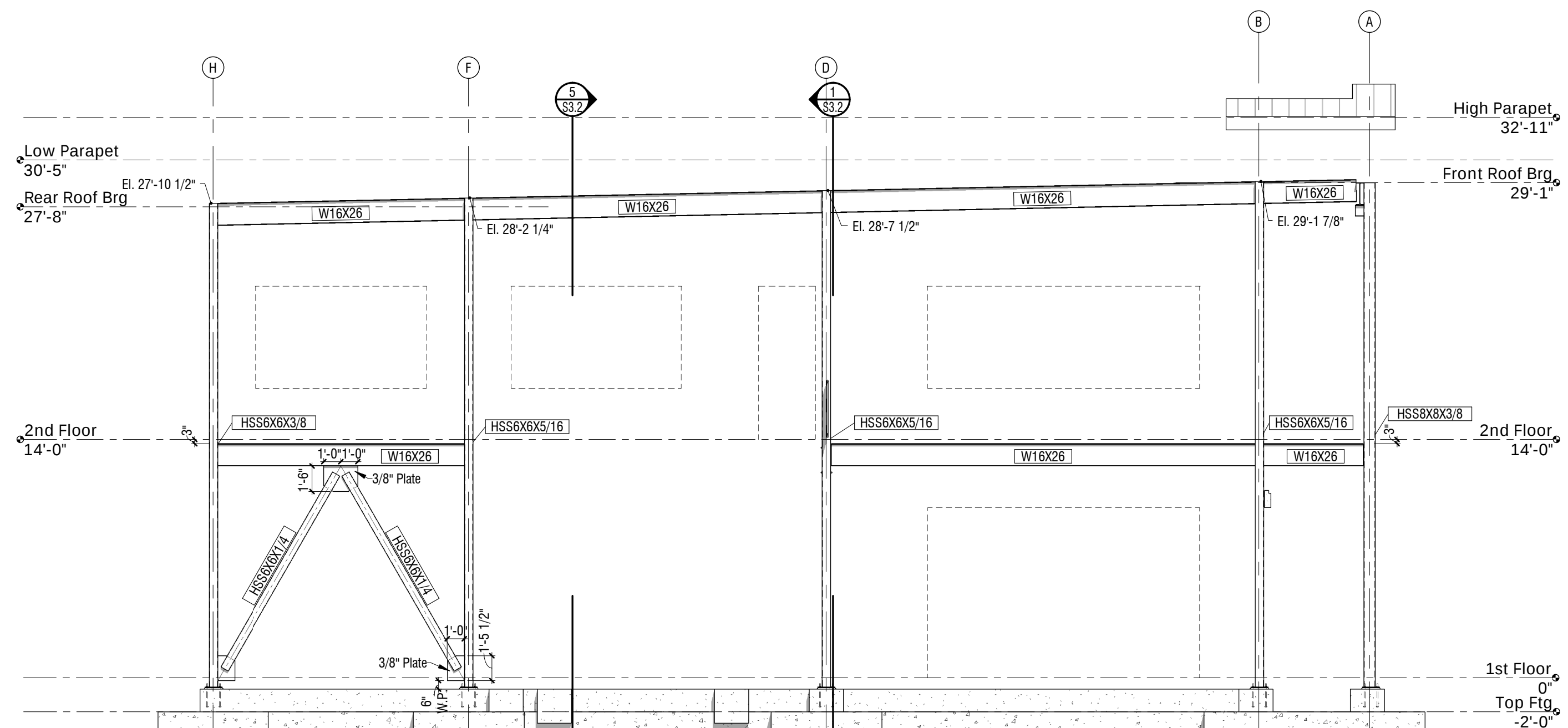
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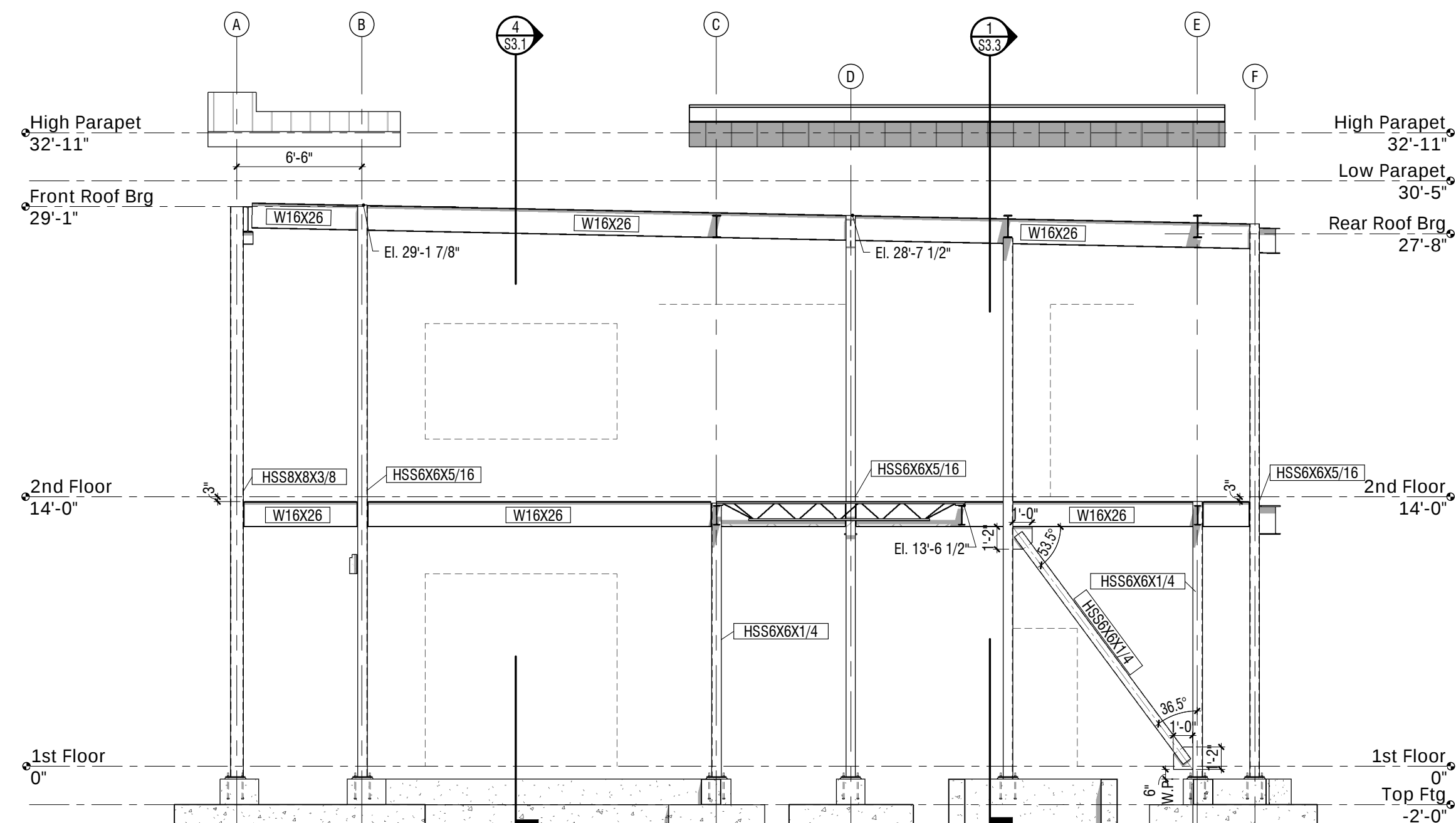
9/21 Struct. Elevation Col. Line at Diag.
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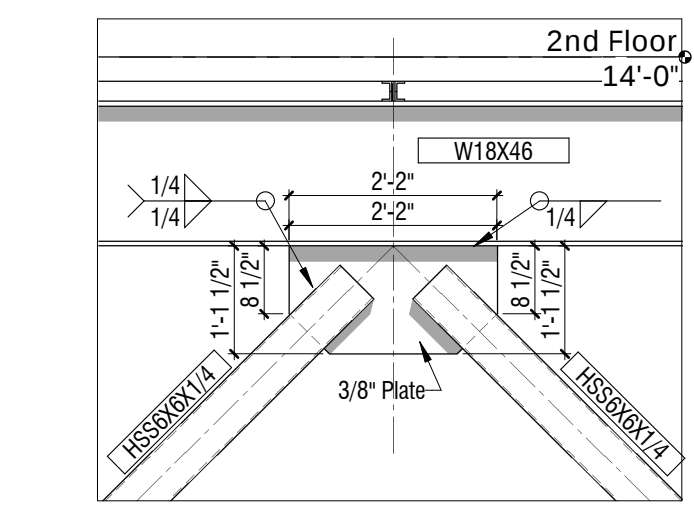
7/21 Struct. Elevation Col. Line H
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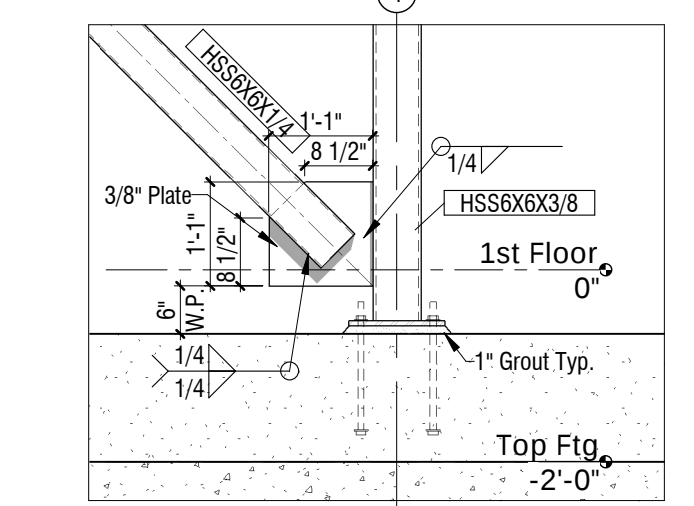
6/21 Struct. Elevation Col. Line 1
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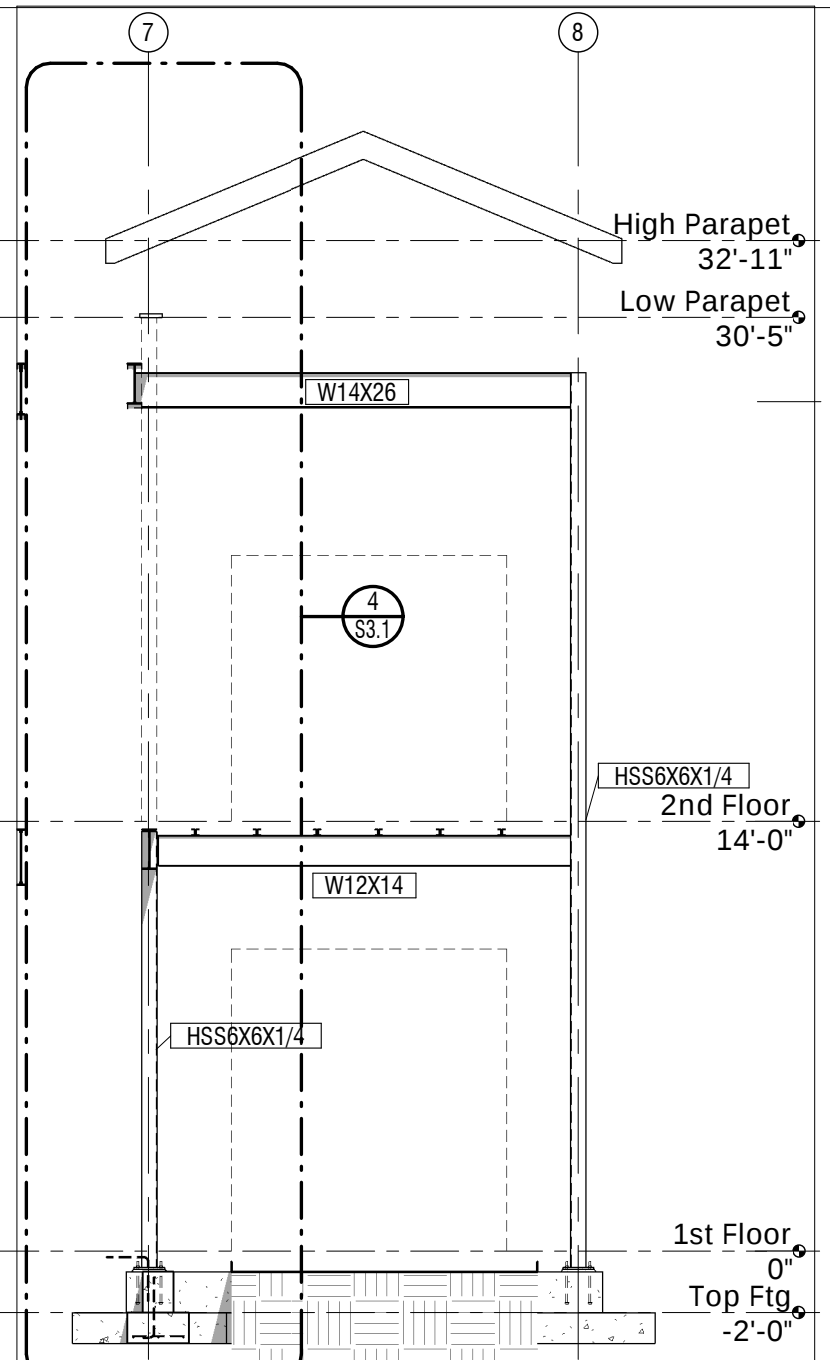
5/21 Struct. Elevation Col. Line 7
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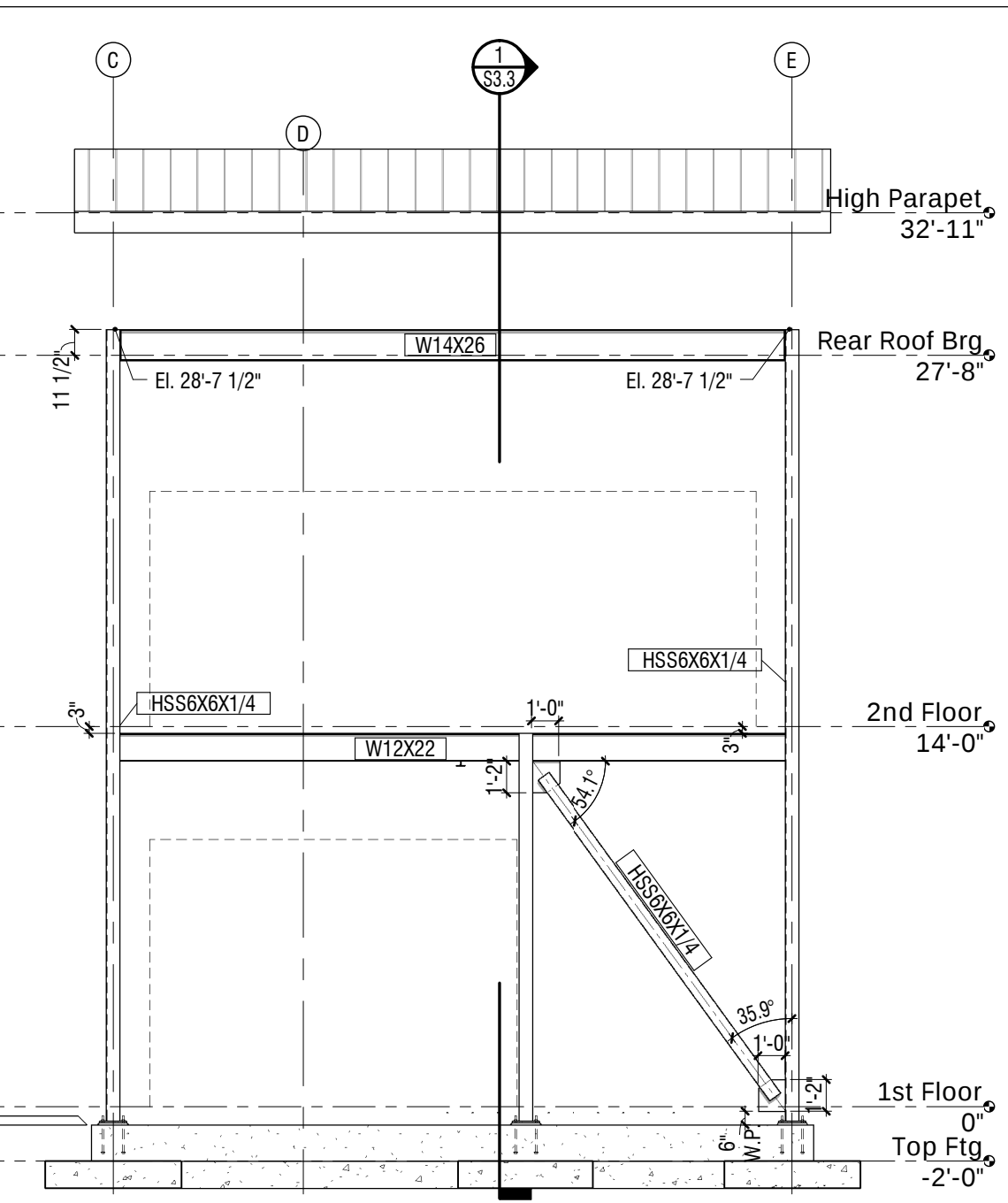
10/21 Col. Line H at 2nd Floor
1/2" = 1'-0"



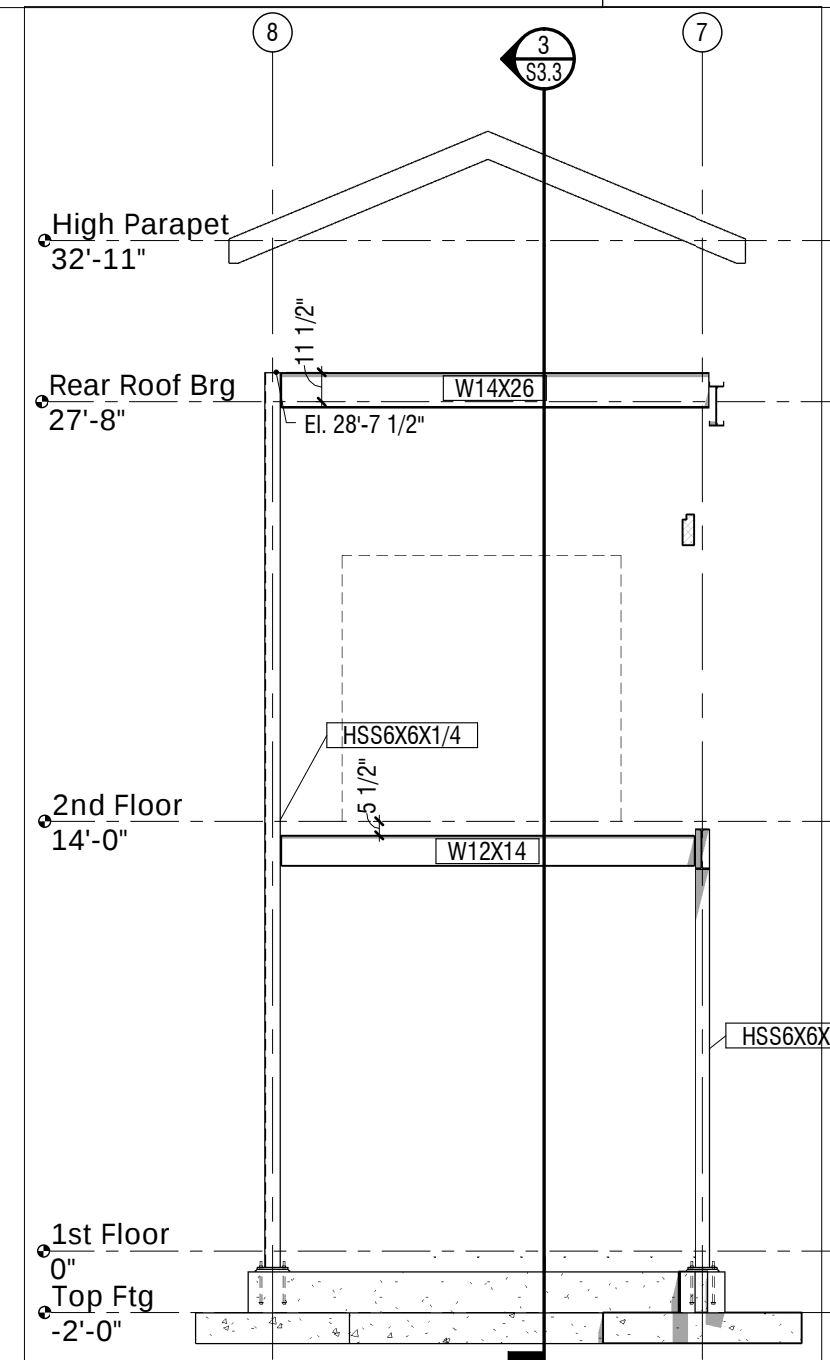
9/21 Col. Line H at 1st Floor
1/2" = 1'-0"



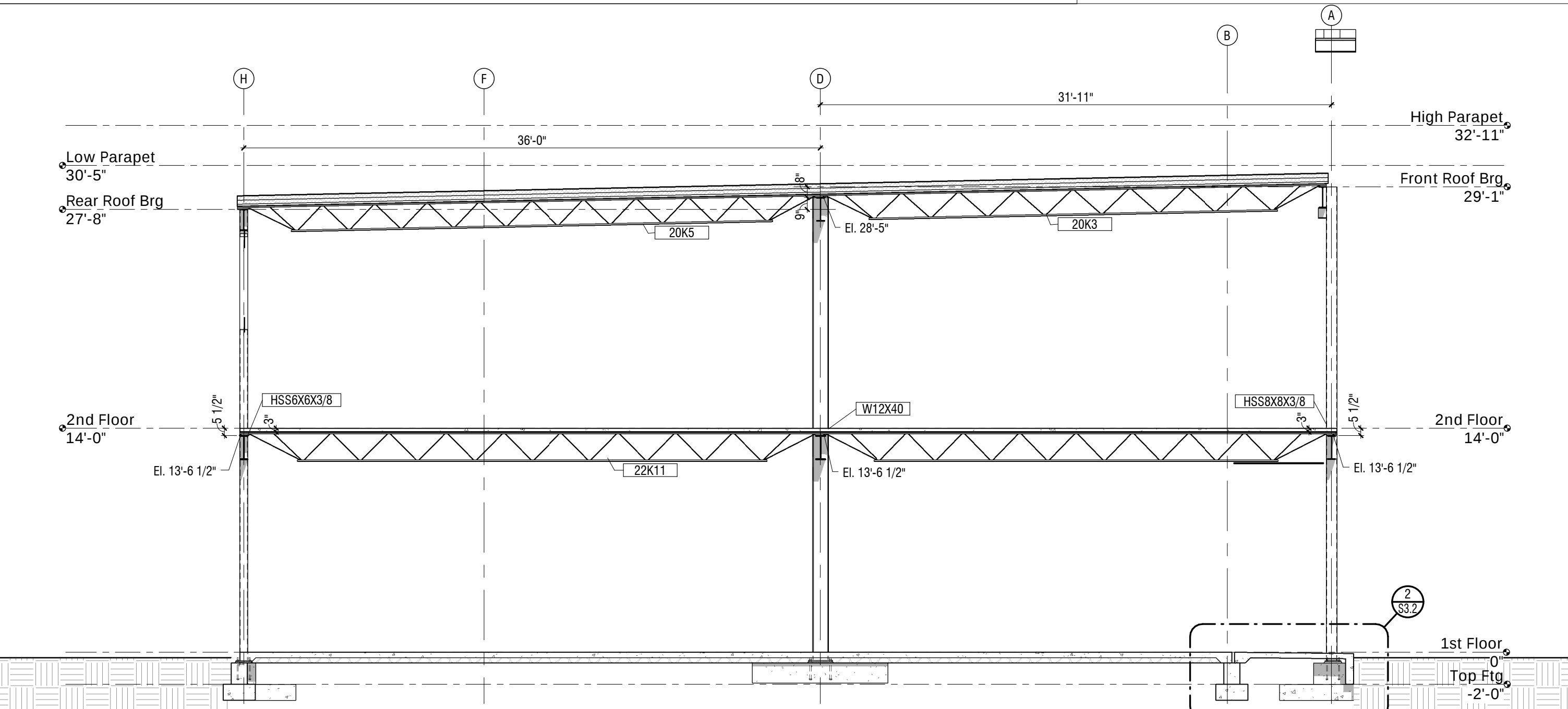
4/21 Struct. Elevation Col. Line C
1:75



3/21 Struct. Elevation Col. Line 8
1:75



2/21 Struct. Elevation Col. Line E
1:75



1/21 Struct. Building Section
1:75

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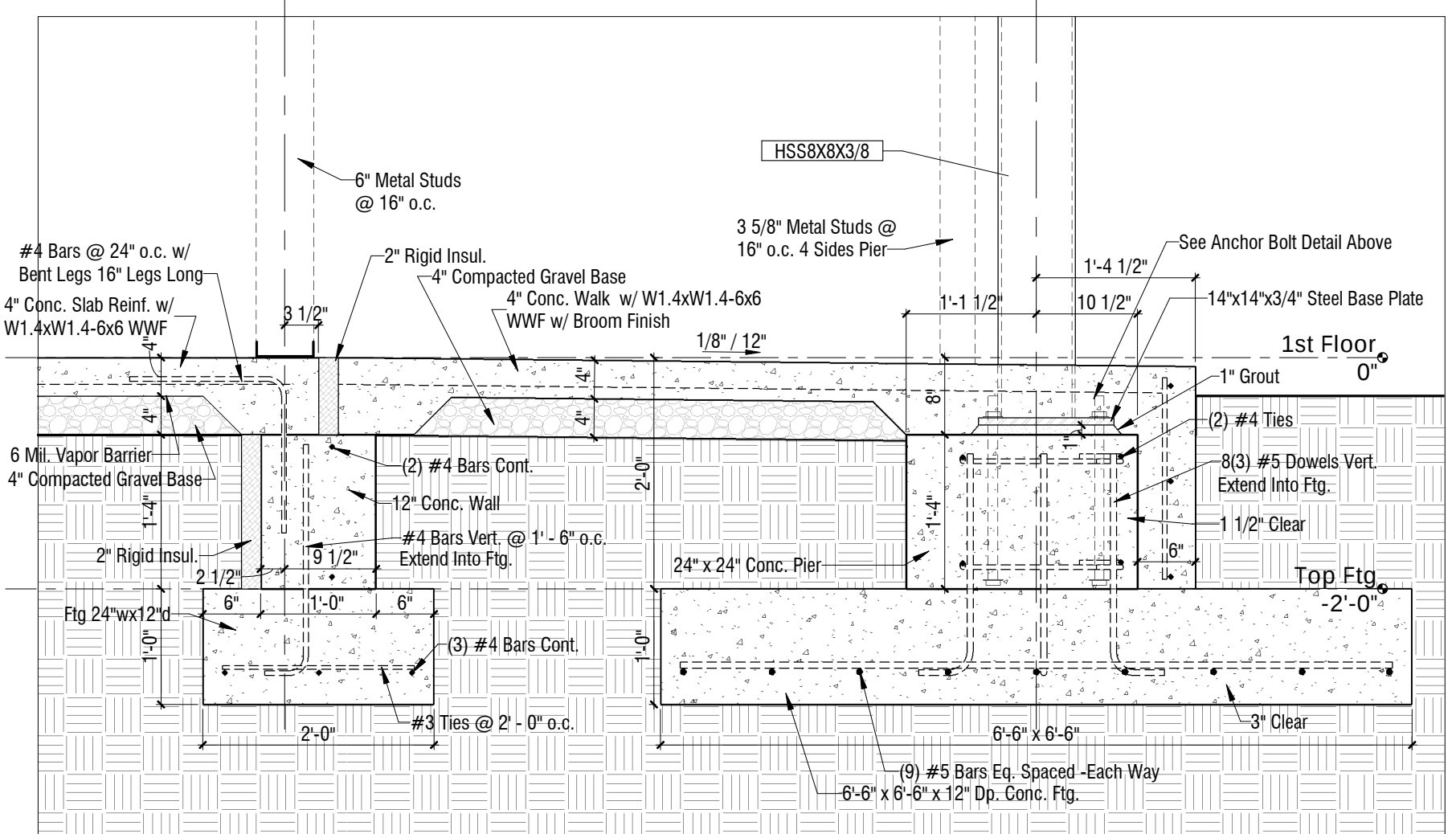
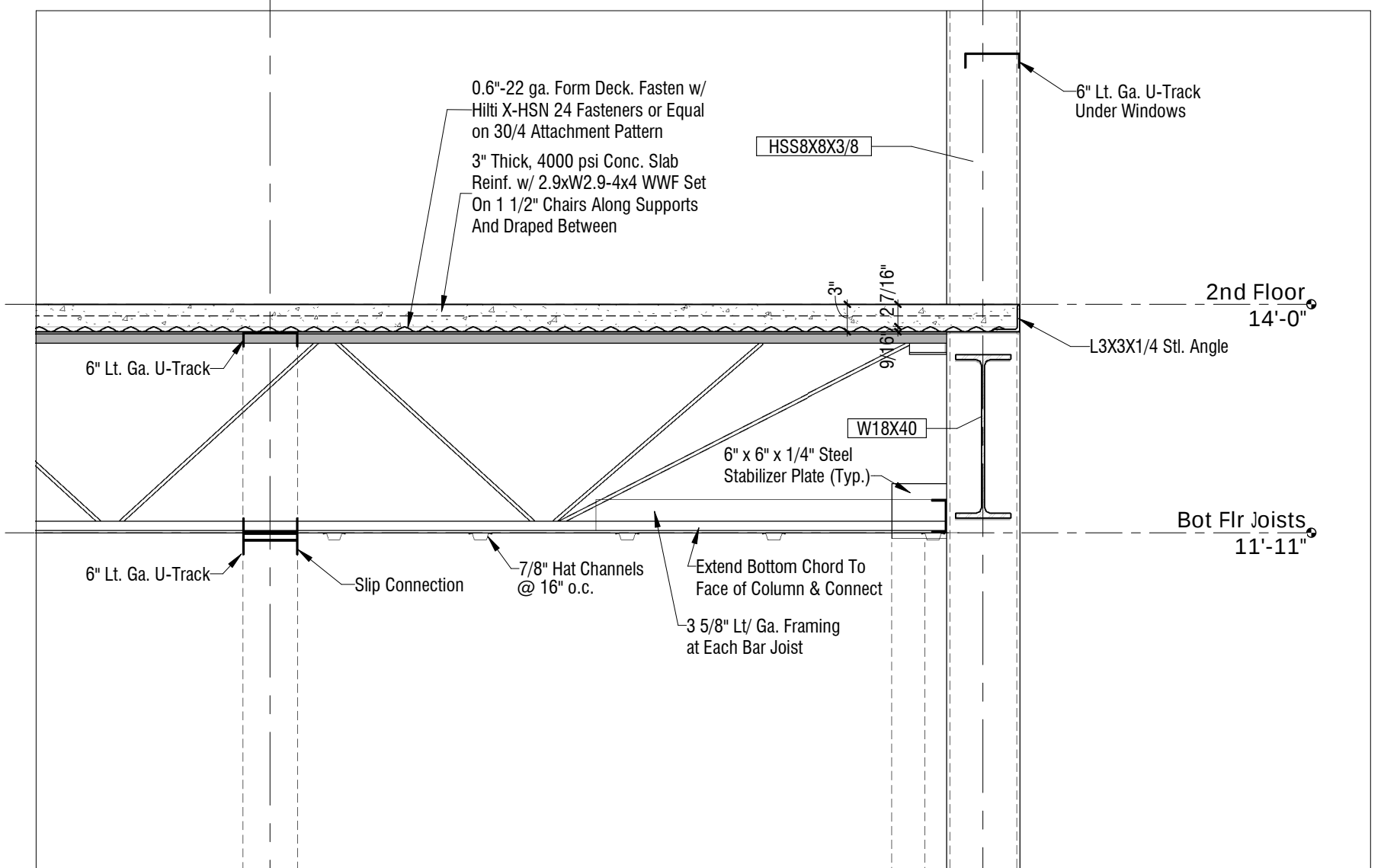
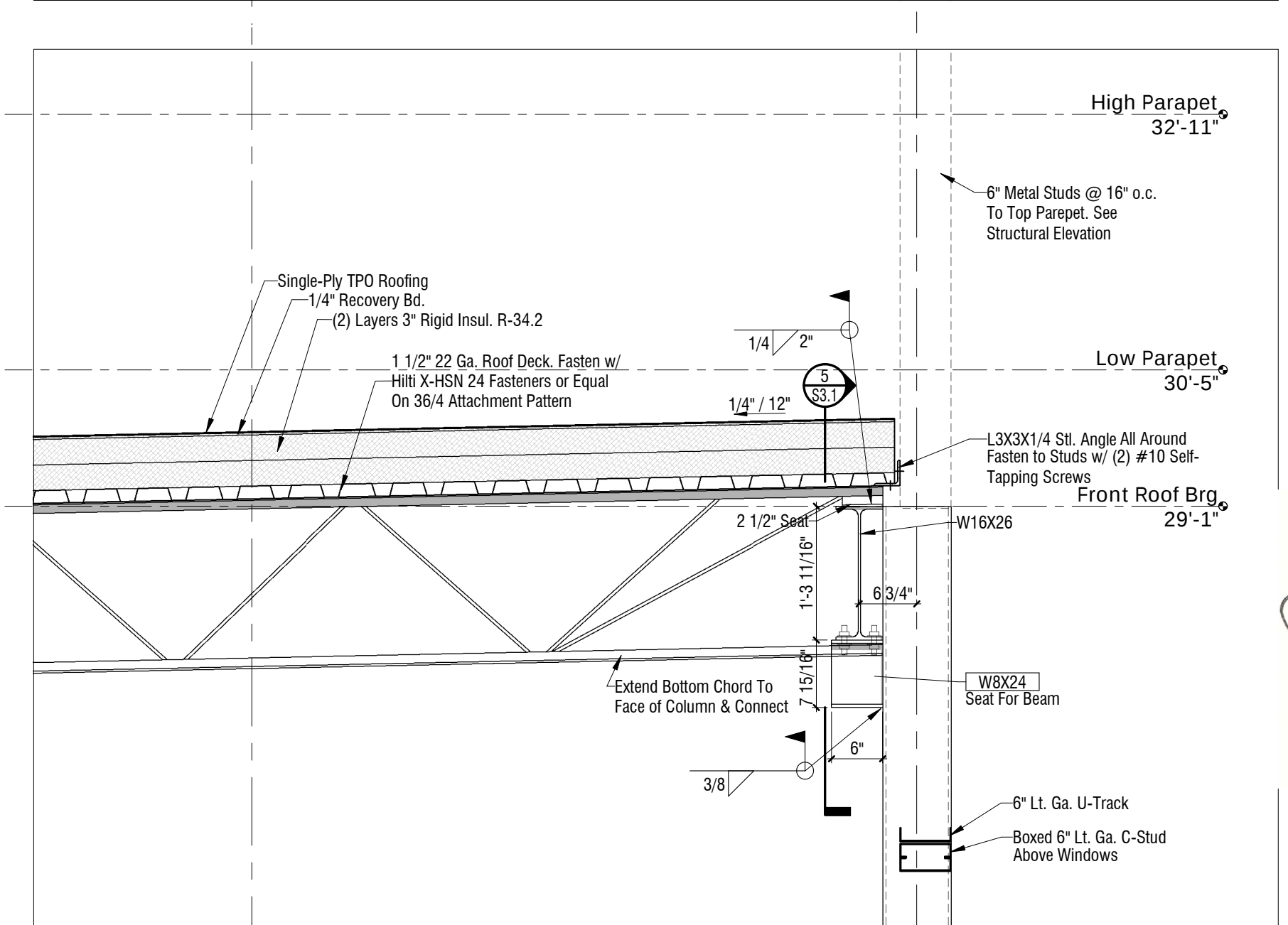
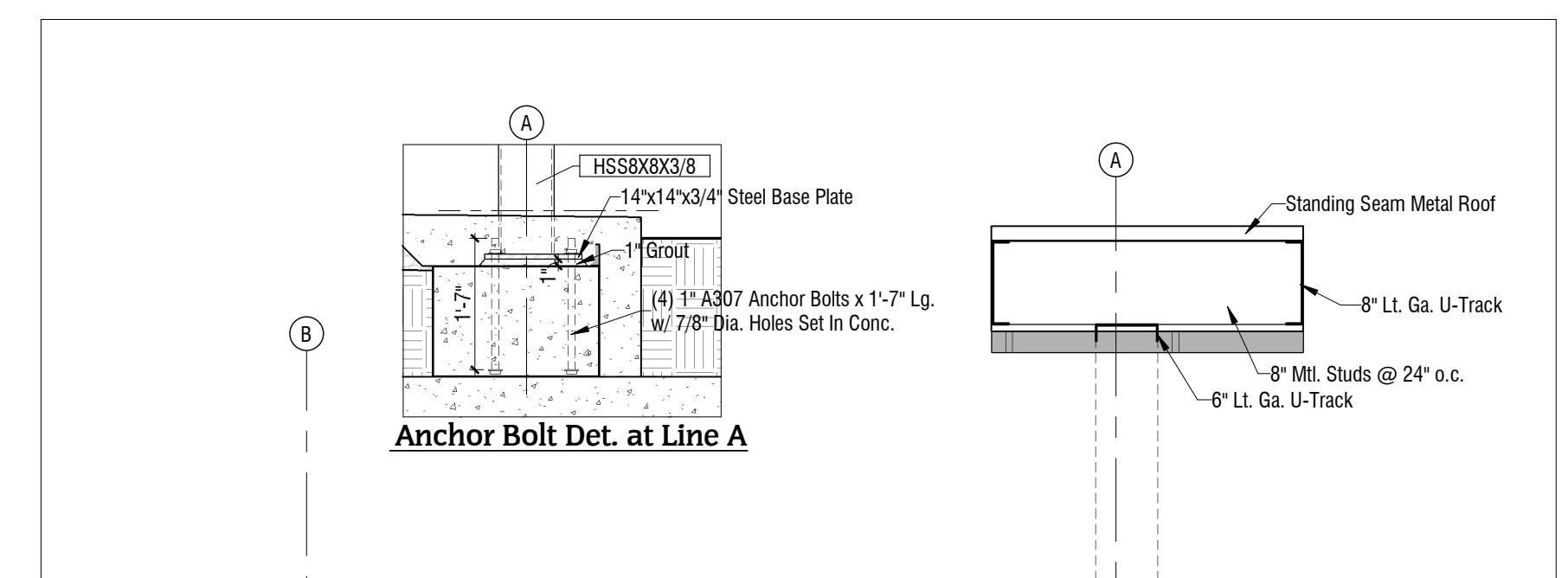
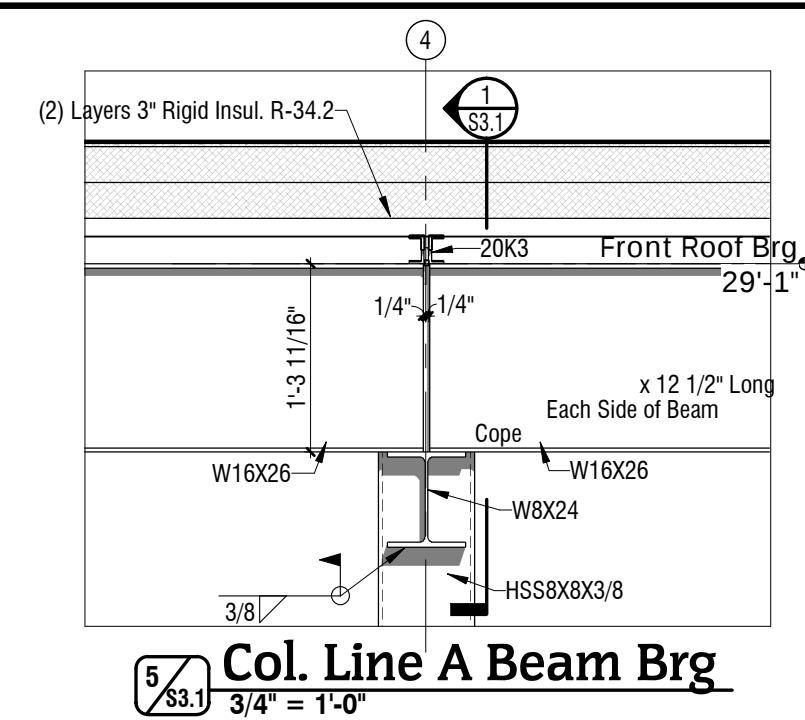
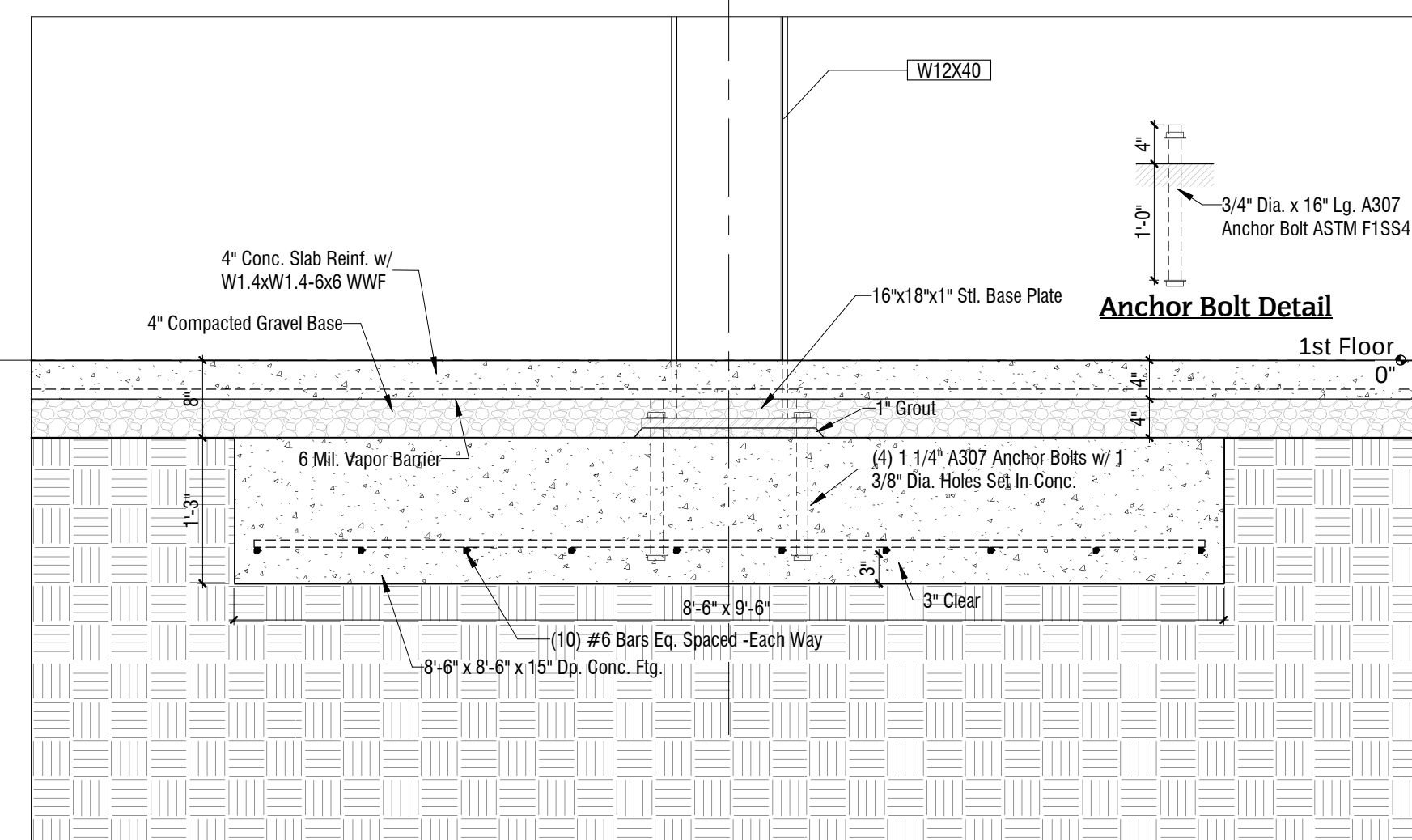
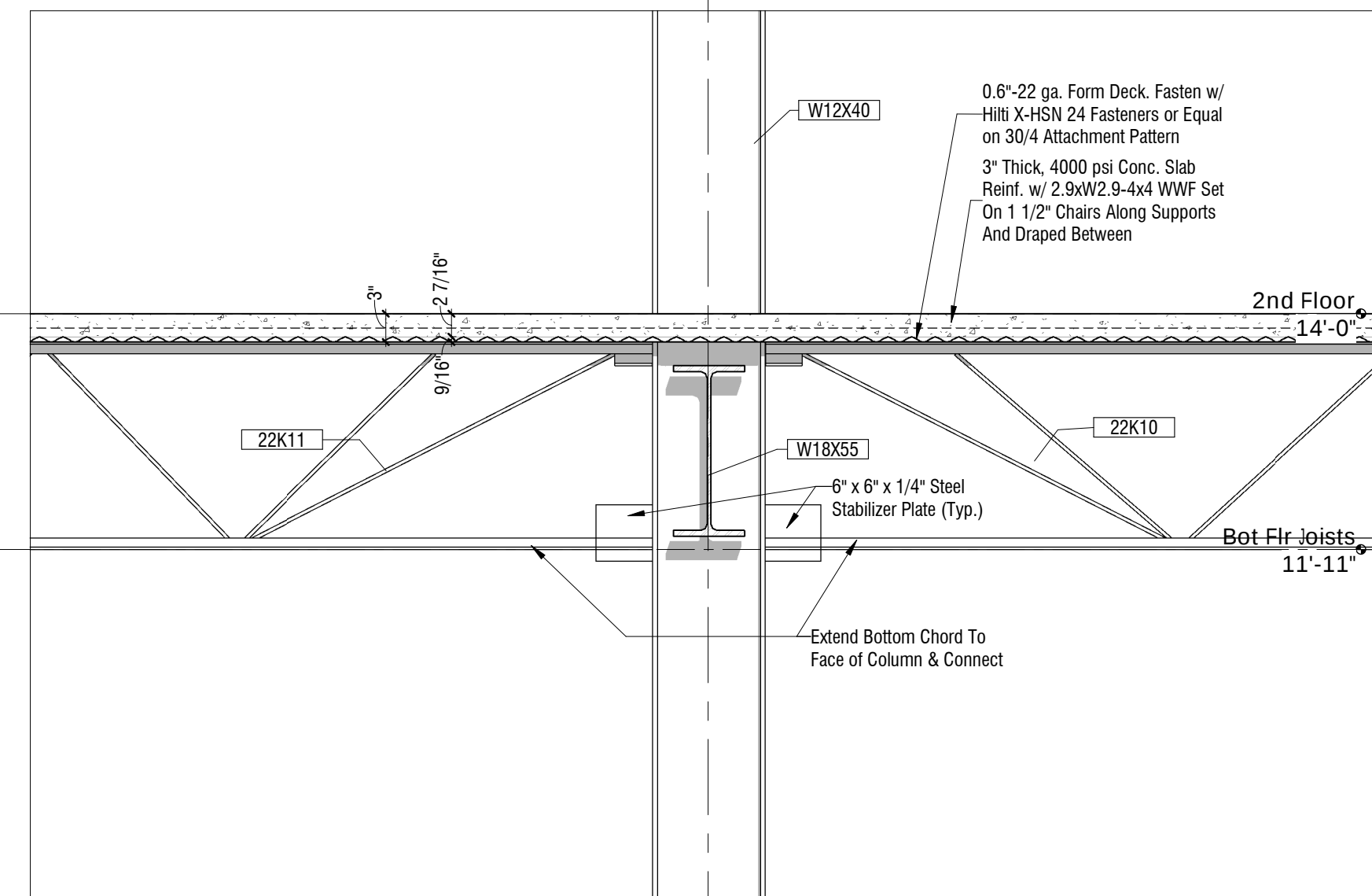
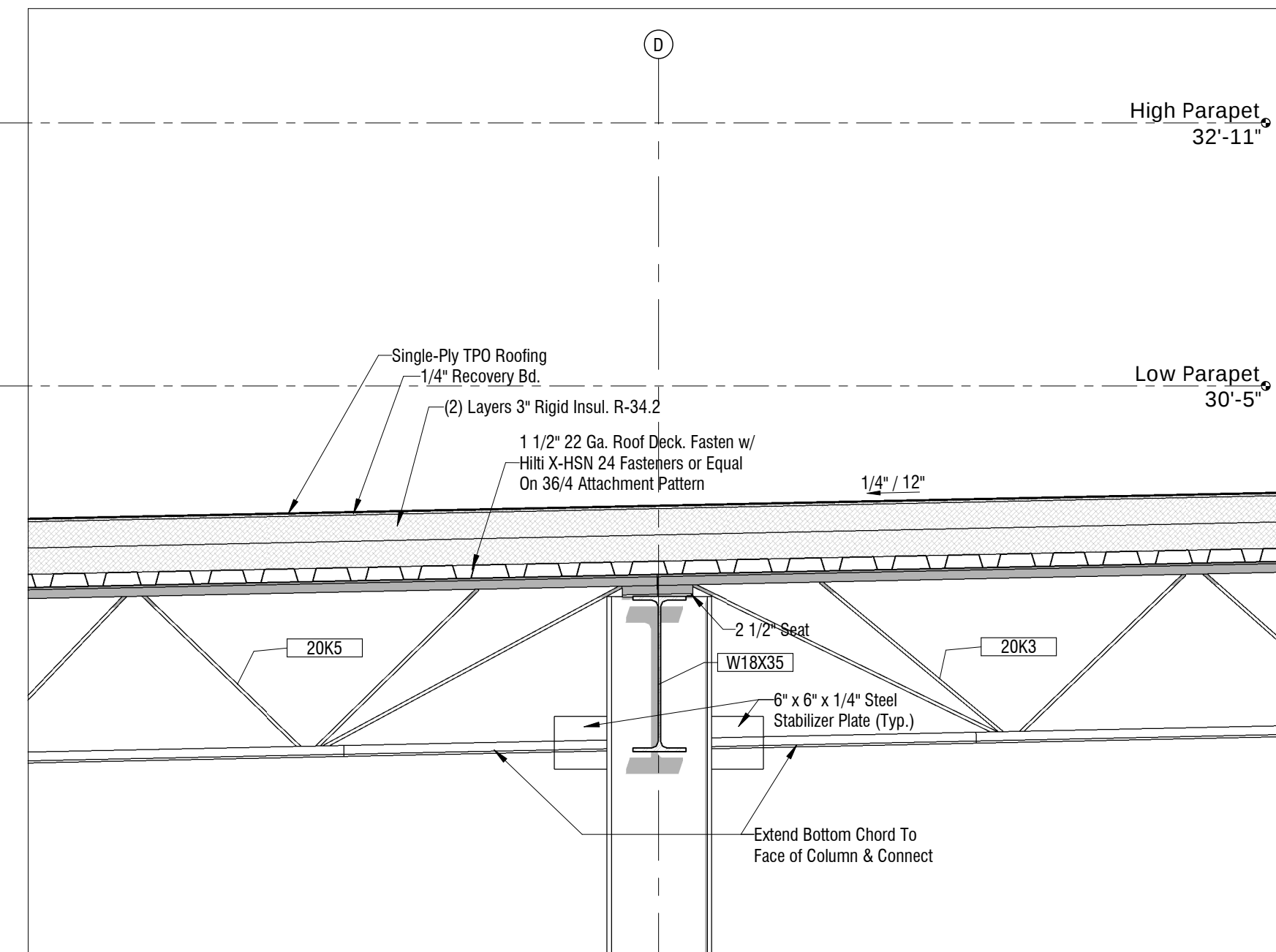
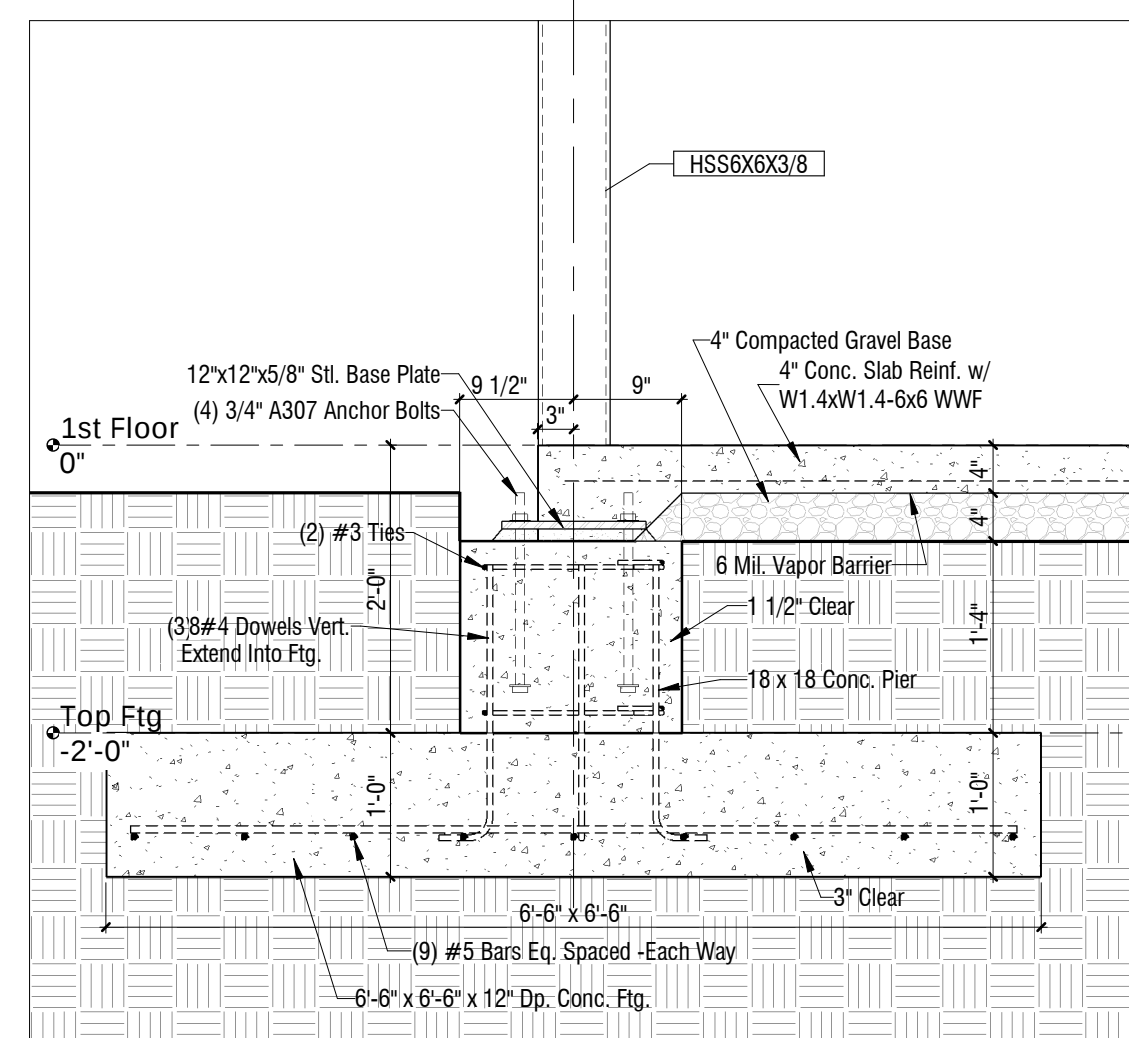
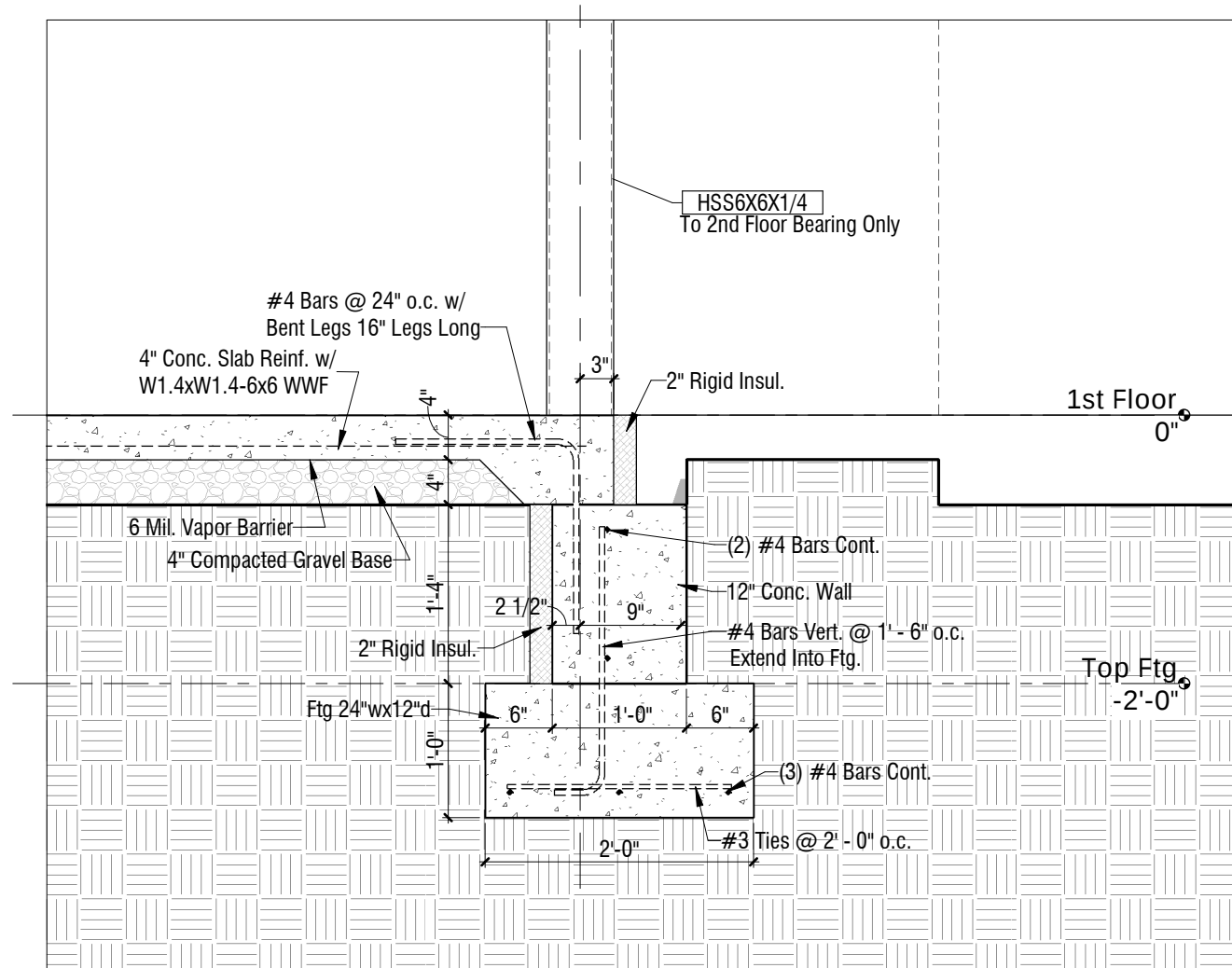
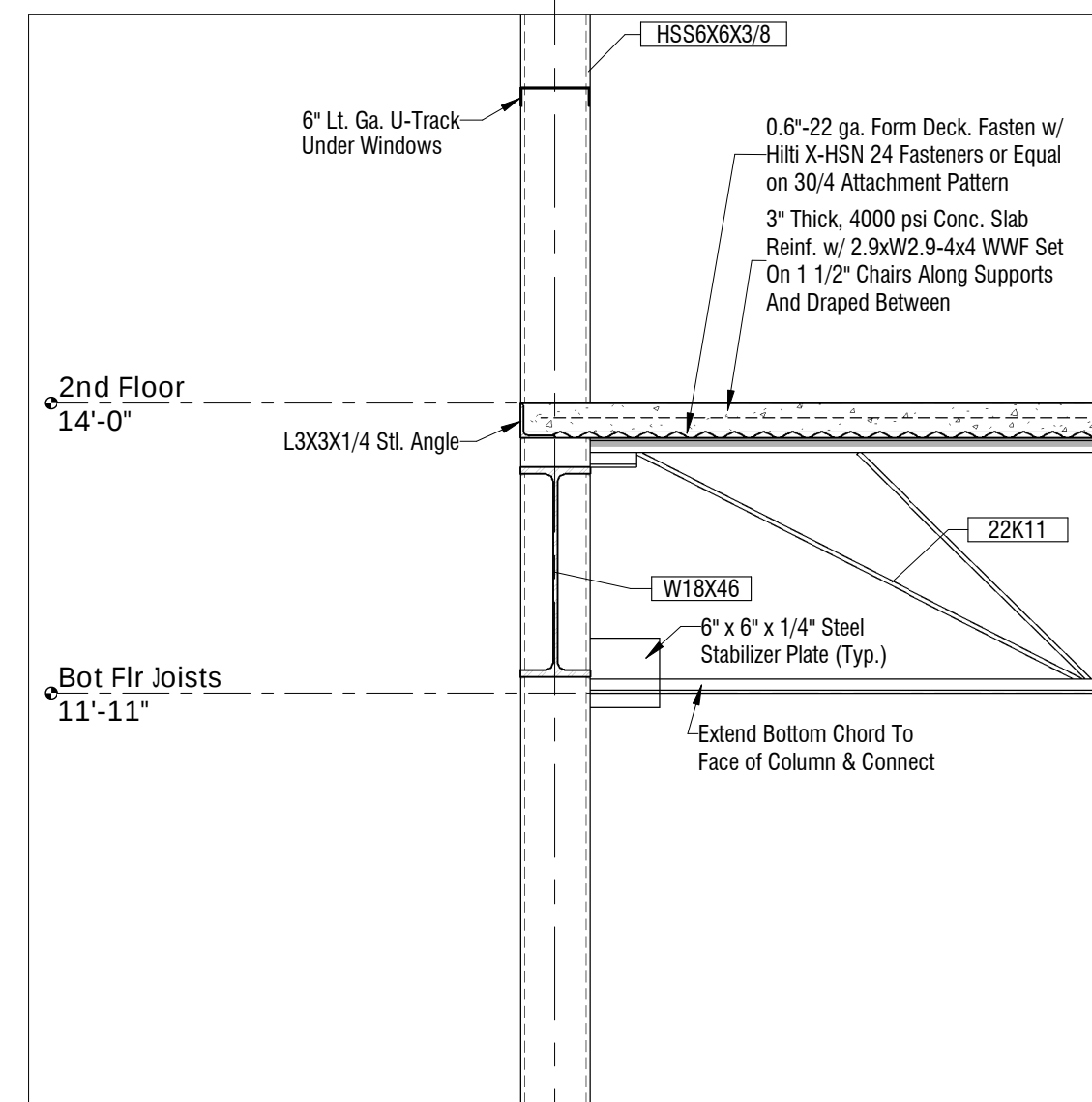
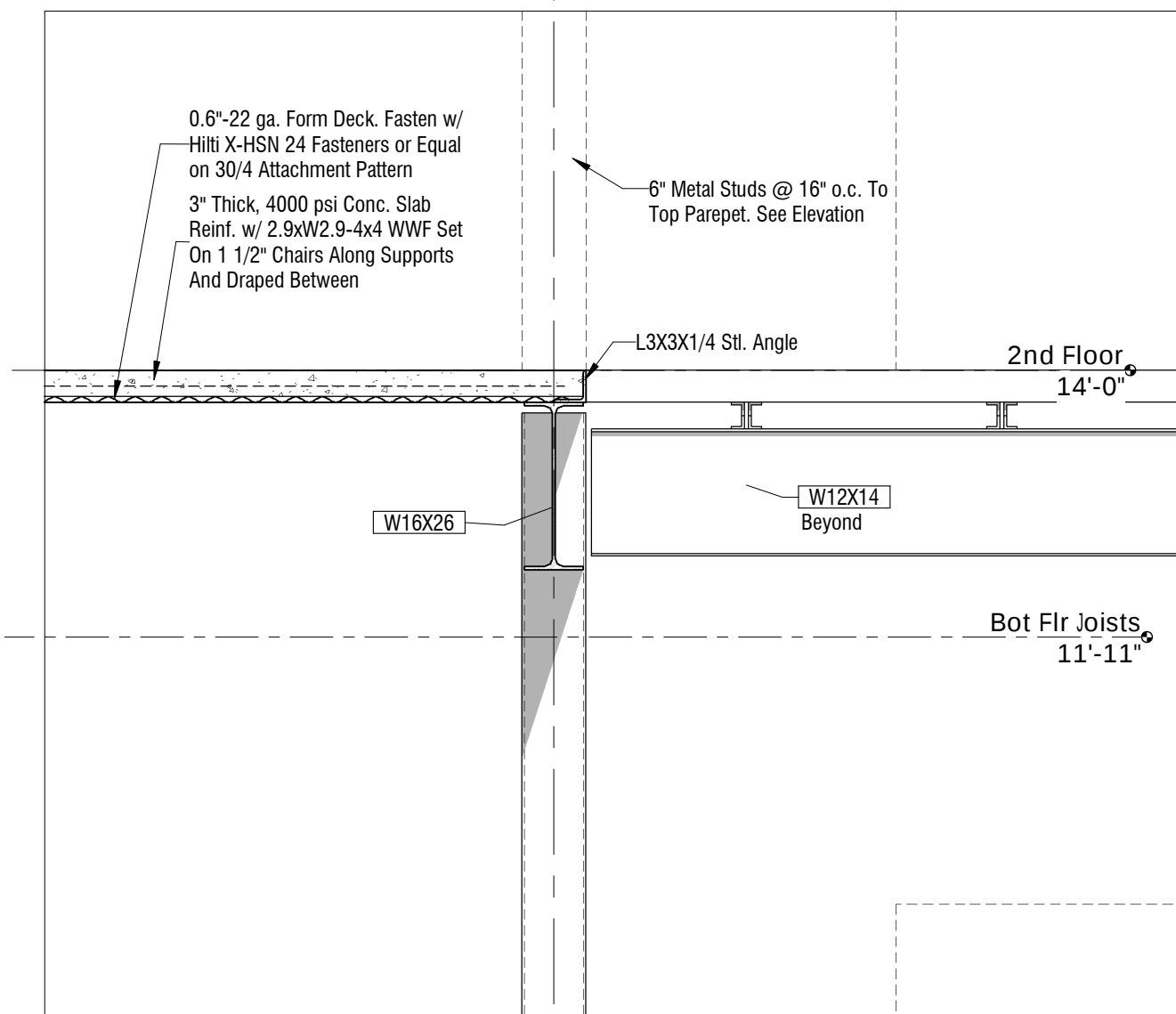
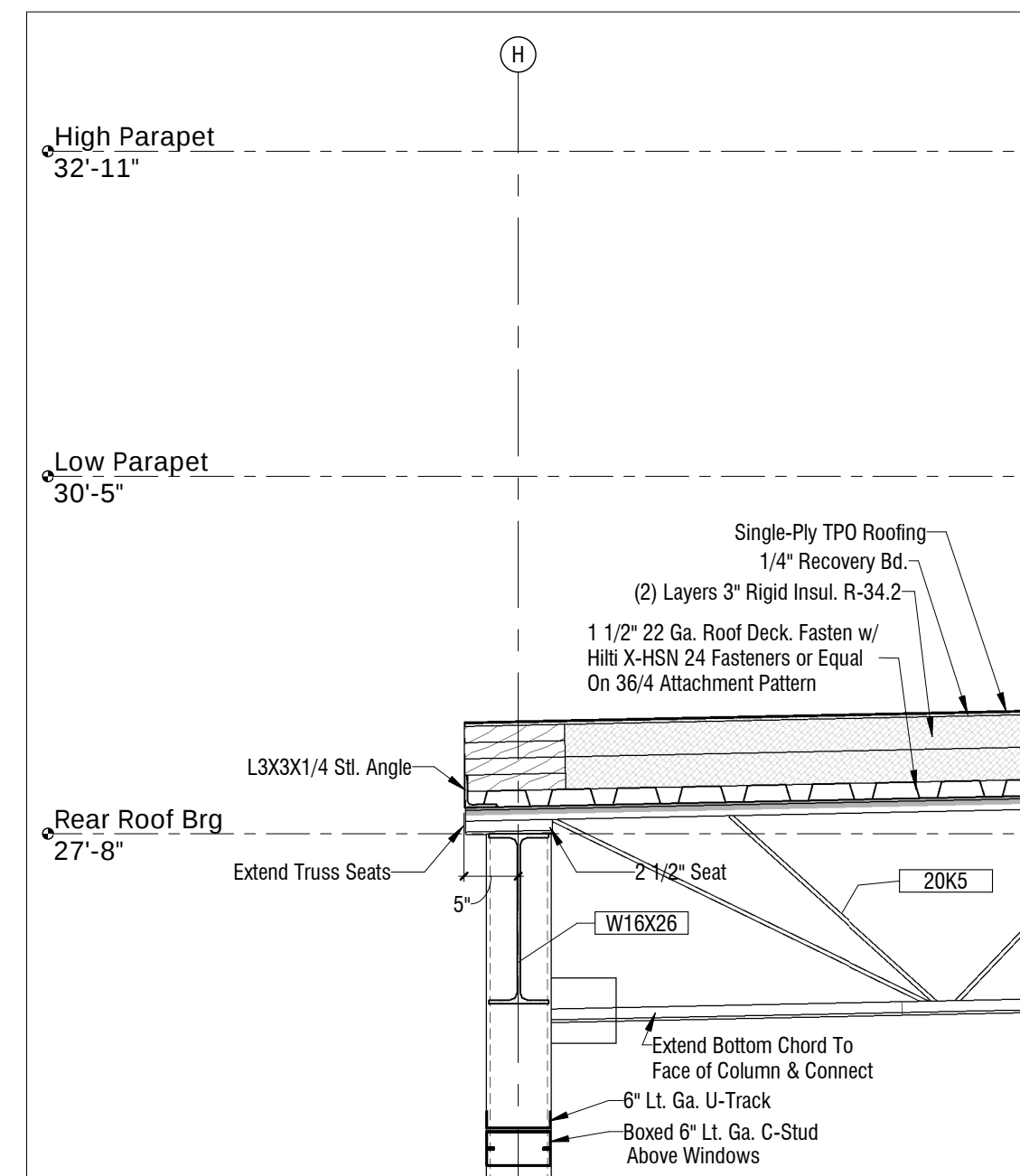
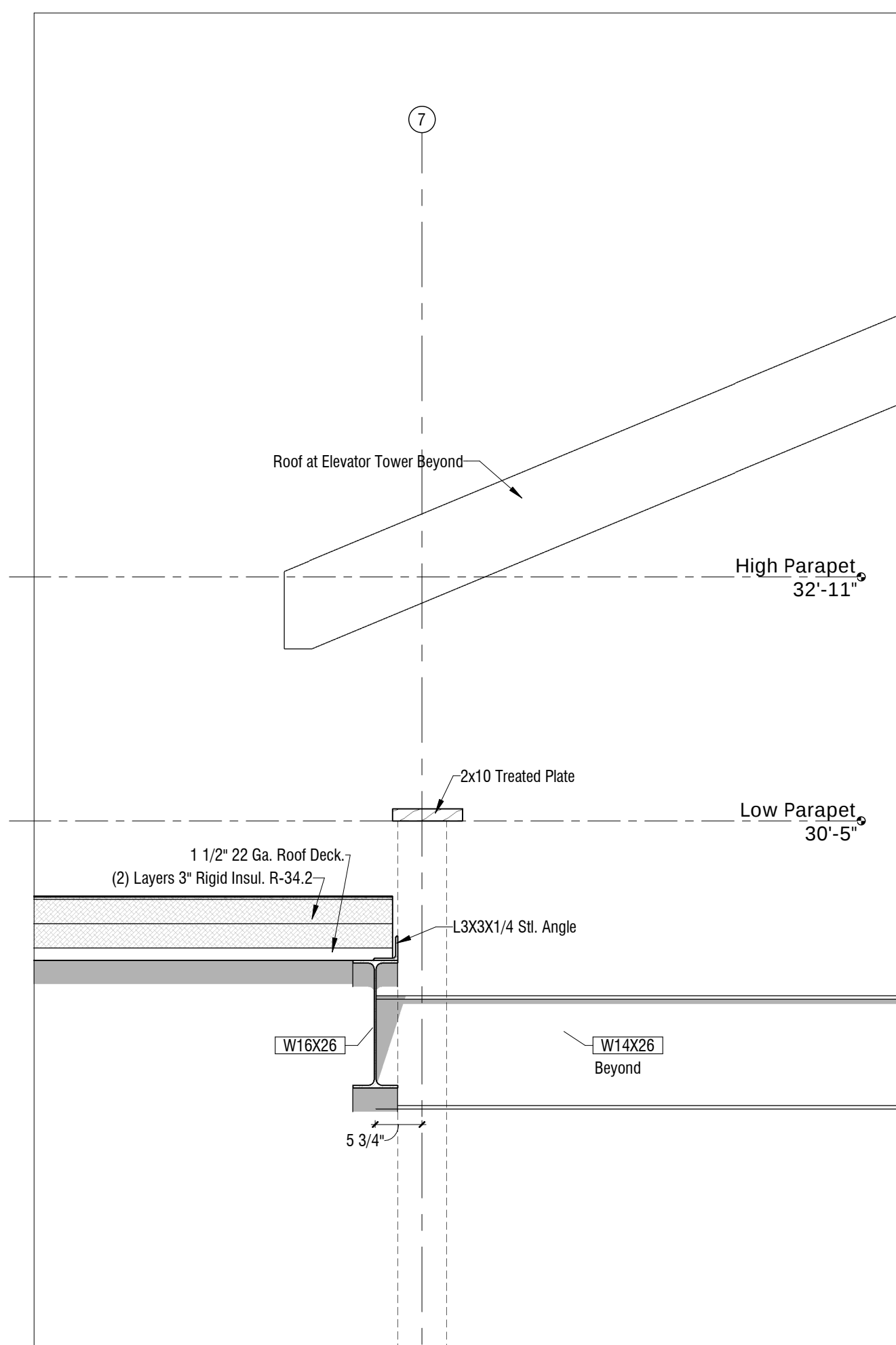
JAMES A. CARTER
9872
LICENSED PROFESSIONAL ENGINEER

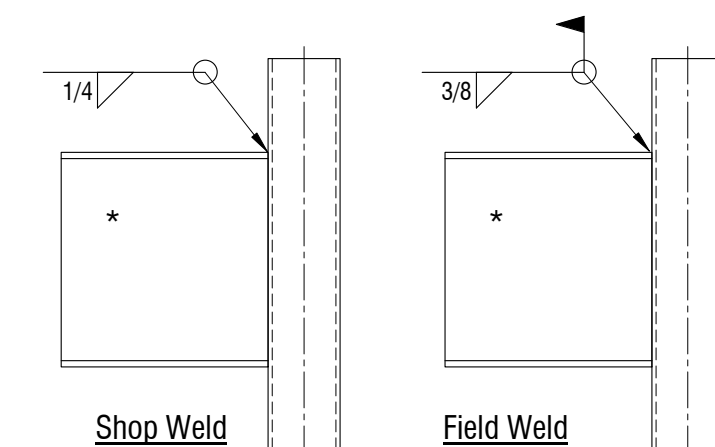
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Anchorage Plaza Phase II
12,910 & 12,920 Factory Lane
Louisville KY 40245

EC Design
& ARCHITECTS
Louisville, Kentucky 40242
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Structural Elevations
Title
1/18/2018 Date
Rev
1804 Job No
EDC Drawn By
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Sheet No.
S2.1





* Size of Beam Will Vary

Col. to Beam Weld

GENERAL NOTES:

1. VERIFY ALL EXISTING CONDITIONS, DIMENSIONS TO EXISTING STRUCTURES AND EXISTING ELEVATIONS. LAYOUT WORK AND FIELD CHECK DIMENSIONS AND ELEVATIONS AS SHOWN ON DRAWINGS.
2. ALL MATERIALS AND WORKMANSHIP SHALL BE OF GOOD QUALITY AND CONFORM WITH ACCEPTED BUILDING CODES, INDUSTRY STANDARDS & PRACTICES.
3. UNLESS OTHERWISE SHOWN OR NOTED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE LOCATION AND PLACEMENT OF ANY INSERTS, HANGERS, PIPE SLEEVES OR HOLES REQUIRED FOR MECHANICAL OR ELECTRICAL EQUIPMENT.
4. THE STRUCTURAL DESIGN DATA:
DESIGN CODE: KENTUCKY BUILDING CODE
ROOF LIVE LOAD 20 PSF
GROUND SNOW 15 PSF
IMPORTANCE FACTOR 1.00
BASIC WIND SPEED 90 MPH
IMPORTANCE FACTOR 1.00
EXPOSURE 11
SEISMIC SITE CLASS 0
IMPORTANCE FACTOR 1.00
SITE DESIGN CATEGORY 8
FROST DEPTH FOR DESIGN 30 INCHES
STRUCTURAL STEEL ASTM A50 UNLESS NOTED
CONCRETE - NON-STRUCTURAL $f_c = 3000$ PSI AT 28 DAYS
CONCRETE - STRUCTURAL $f_c = 4000$ PSI AT 28 DAYS
REINFORCING STEEL GRADE 60
BASIC OFFICE LIVE LOAD 65 PSF
(INCLUDES 15 PSF PARTITION LOADING)

5. ASSUMED ACCEPTABLE ALLOWABLE SOIL BEARING PRESSURE: 2000 PSF ON STABLE SOIL.

Seismic: ASCE 7-10 Site Class B
Ss: 0.18972
S1: 0.10034
Sds: 0.12648
Sd1: 0.06689
Srs: 0.18972
Sd1: 0.10034

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GENERAL NOTES FOR STRUCTURAL STEEL:

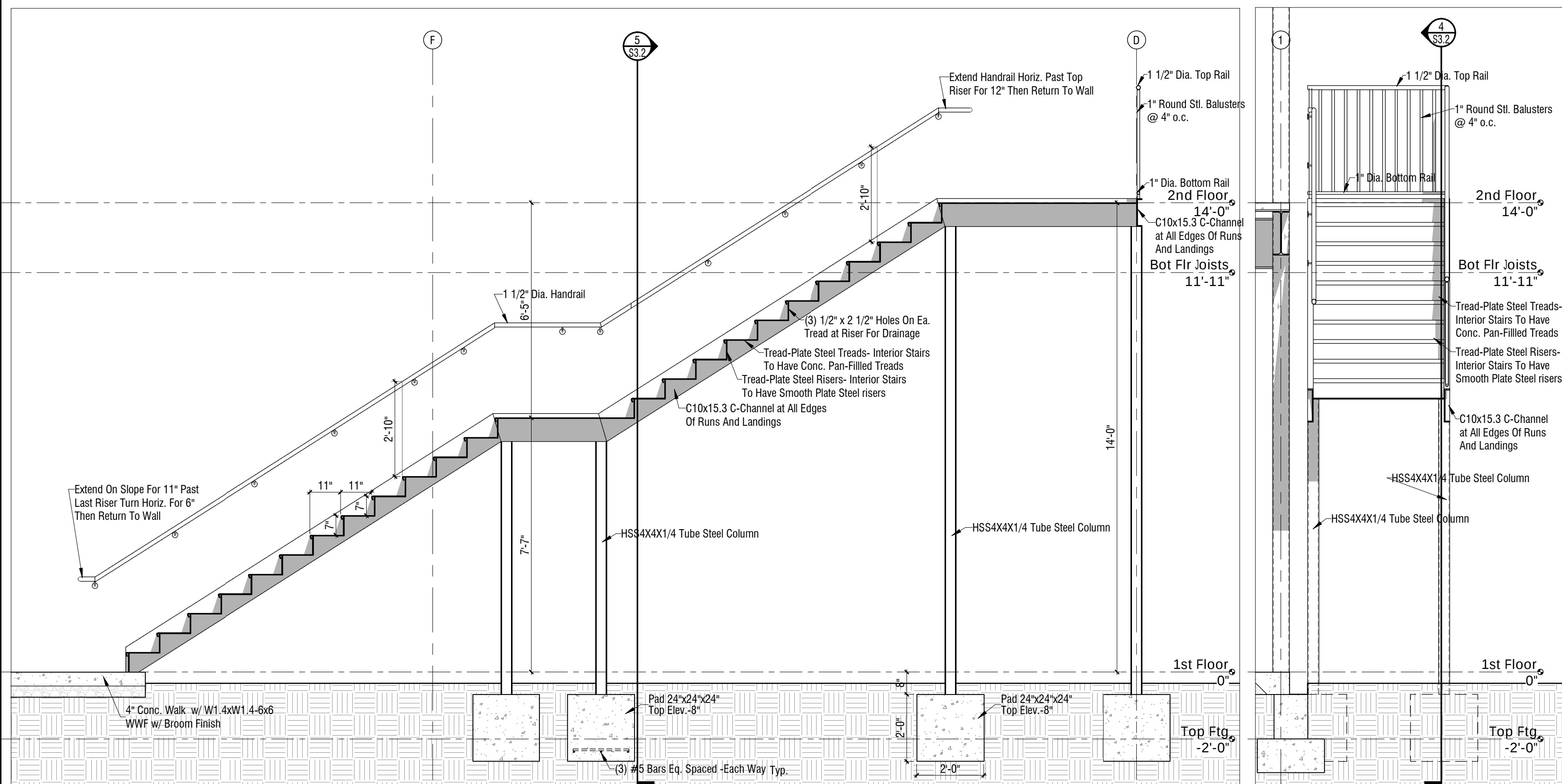
1. ALL STEEL SHALL BE DESIGNED, FABRICATED AND ERRECTED IN ACCORDANCE WITH THE LATEST CODES AND SPECIFICATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) UNLESS OTHERWISE NOTED.
2. STEEL
2.1 ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A572-50KSI UNLESS NOTED.
2.2 PLATES, ANGLES, & CHANNELS SHALL BE SHALL CONFORM TO ASTM SPECIFICATION A36 UNLESS NOTED.
2.3 SECTIONS OF EQUAL OR GREATER, STRENGTH MAY BE SUBSTITUTED SUBJECT TO PRIOR APPROVAL.
3. CONNECTIONS SHALL BE MADE BY FRICITION OR WELDING.
3.1 CONNECTIONS WILL BE FRICITION CONNECTIONS DESIGNED FOR THE DESIGN FORCE SHOWN WITHOUT THE ONE-THIRD INCREASE USUALLY CONNECTIONS WILL BE DESIGNED FOR THE CAPACITY OF THE MEMBER.
3.2 ALL BEAM CONNECTIONS SHALL HAVE A MINIMUM OF 2 BOLTS.
3.3 WELDING SHALL BE IN ACCORDANCE WITH SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS, AWS, SJI, OR SDI, AS APPROPRIATE.
3.4 WHERE WELD SIZE IS NOT SHOWN USE MINIMUM WELD SIZE IN ACCORDANCE WITH AISC AND AWS.
4. ALL STEEL TO BE SHOP PRIMED AND PAINTED PER STRUCTURAL STEEL & PAINT SPECIFICATIONS WITH FIELD TOUCH UP.

GENERAL NOTES FOR CONCRETE:

1. ALL CONCRETE SHALL BE DESIGNED AND PLACED IN ACCORDANCE WITH ACI (AMERICAN CONCRETE INSTITUTE) CODE, (ACI LATEST REVISION) IN CONJUNCTION WITH THE PROJECT SPECIFICATIONS.
2. CONCRETE SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH (f'_c) OF 4000 PSI. GROUT SHALL BE NONSHRINKING GROUT CONFORMING TO CRD C621 AND SHALL BE A PRODUCT SUITABLE FOR THE APPLICATION.
3. UNLESS NOTED OTHERWISE ON THE DRAWINGS, ALL REINFORCING SHALL BE DEFORMED BILLET STEEL BARS CONFORMING TO ASTM STANDARDS A615, A616 AND A617 GRADE 60.
4. CONCRETE PROTECTION FOR REINFORCEMENT SHALL BE PROVIDED BY CLEAR COVER FROM FACE OF CONCRETE TO OUTSIDE OF BAR AS LISTED BELOW:
MINIMUM COVER INCHES
CAST AGAINST EARTH OR WEATHER: NO. 6 THROUGH NO. 18 BARS 3
NO. 5 BARS, 5/8" WIRE, & SMALLER 1 1/2
NOT EXPOSED TO WEATHER OR IN CONTACT WITH THE GROUND: SLABS, WALLS, JOISTS:
NO. 14 AND NO. 18 BARS 1 1/2
NO. 11 AND SMALLER BARS 3/4
BEAMS, GIRDERS, COLUMNS: PRINCIPLE REINFORCEMENT, TIES, STIRRUPS OR SPIRALS 1 1/2
FOR CLEARANCE NOT LISTED, SEE ACI CODE.
5. EXPOSED CORNERS OF BEAMS, COLUMNS AND RAISED PADS SHALL BE CHAMFERED 3/4" UNLESS NOTED. TOP CORNERS OF SLABS AND EQUIPMENT FOUNDATIONS MAY BE ROUNDED WITH A BULL NOSE TOOL.
6. ANCHOR BOLTS FOR ALL COLUMNS AND EQUIPMENT SHALL BE SET BY TEMPLATE.
7. DEVELOPMENT LENGTHS OF REINFORCEMENT SHALL CONFORM TO ACI LATEST REVISION.
8. ALL LAP LENGTHS SHALL BE IN ACCORDANCE WITH ACI LATEST REVISION.

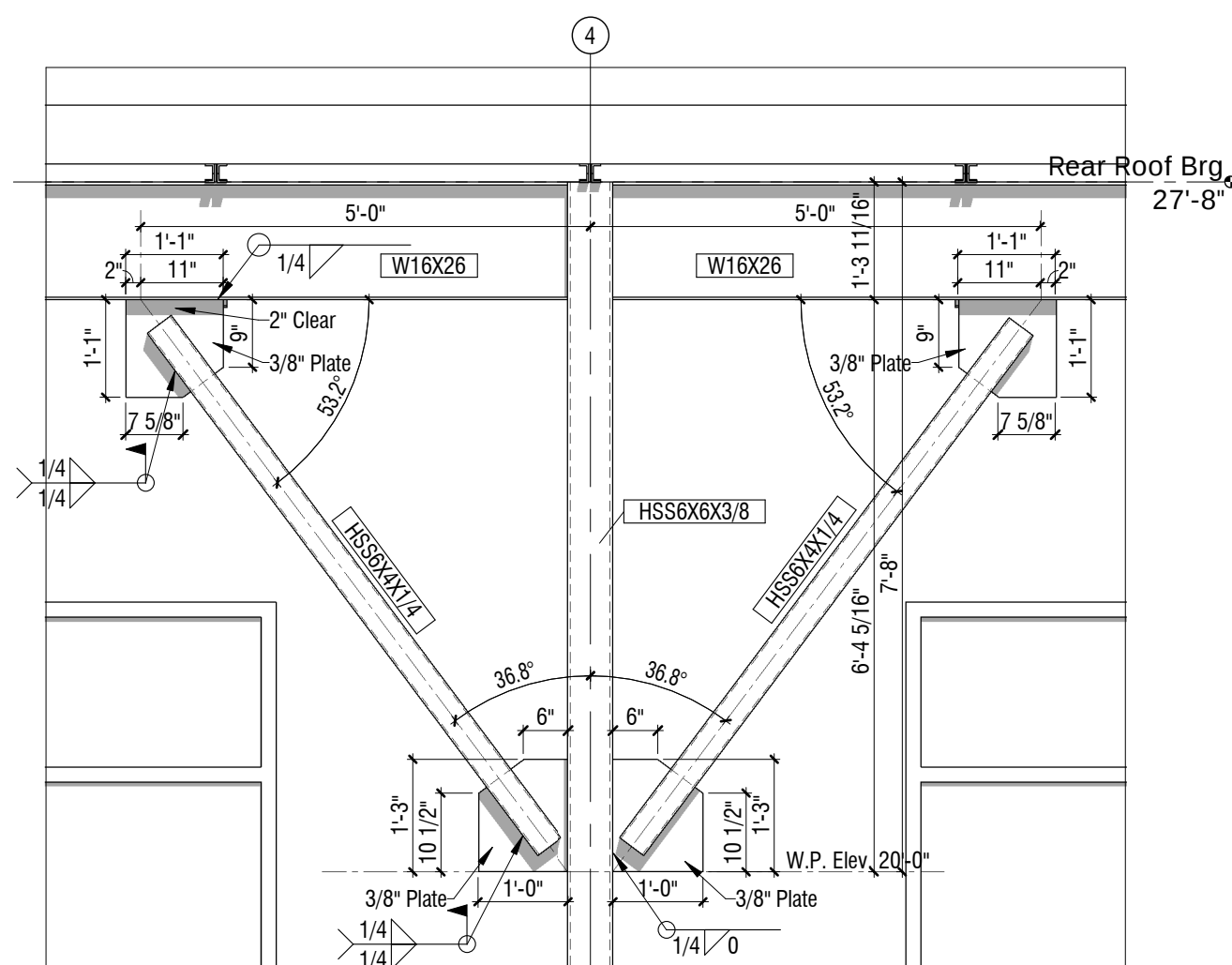
GENERAL MASONRY NOTES:

1. CONCRETE MASONRY WORK SHALL CONFORM TO ALL REQUIREMENTS OF ACI 531, "BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES".
2. ALL MASONRY BLOCK UNITS SHALL BE GRADE N, LIGHTWEIGHT HOLLOW CONCRETE BLOCK UNITS AND SHALL BE CAPABLE OF DEVELOPING A MINIMUM COMPRESSIVE STRENGTH ON THE NET CROSS-SECTIONAL AREA OF 2000 PSI.
3. MORTAR SHALL BE TYPE S AND SHALL BE CAPABLE OF DEVELOPING A SPECIFIED 28 DAY MINIMUM REQUIRED COMPRESSIVE STRENGTH OF 1800 PSI.
4. GROUT SHALL BE CAPABLE OF DEVELOPING A SPECIFIED 28 DAY MINIMUM REQUIRED COMPRESSIVE STRENGTH OF 1500 PSI.
5. THE SPECIFIED COMPRESSIVE STRENGTH OF CONCRETE MASONRY (f'_m) SHALL BE 1350 PSI.
6. STEEL REINFORCING BARS SHALL BE NEW GRADE 60 BILLET STEEL CONFORMING TO A.S.T.M. A615.
7. STEEL BAR REINFORCEMENT SPLICES SHALL BE LAPPED A MINIMUM LENGTH OF 48 BAR DIAMETERS.
8. ALL BOND BEAMS SHALL BE COMPLETELY FILLED WITH GROUT.
9. EMBEDDED ANCHOR BOLT MATERIAL SHALL CONFORM TO A.S.T.M. A307 PER ASTM F1554.
10. VERIFY IN FIELD (V.I.F.) ALL DIMENSIONS AND ELEVATIONS.
11. ALL BLOCK SHALL BE LAID IN RUNNING BOND.
12. GROUT CELLS AND JAMBS AT DOORS SOLID FULL HEIGHT OF OPENING TO A MINIMUM DISTANCE OF 8" BACK FROM JAMB, UNLESS OTHERWISE NOTED.
13. LINTELS SHALL BEAR A MINIMUM 8" ON EACH SIDE OF OPENINGS UNLESS OTHERWISE NOTED.
14. LIMIT GROUTING TO MAXIMUM WALL HEIGHT OF 4 FEET PER LIFT AND STOP GROUT POUR 1 1/2" BELOW A MORTAR JOINT, EXCEPT AT TOP OF WALL.
15. PROVIDE STANDARD 9 GA. JOINT REINFORCEMENT EVERY OTHER COURSE.
16. MASONRY SEALED PER OWNER'S SPECIFICATIONS.

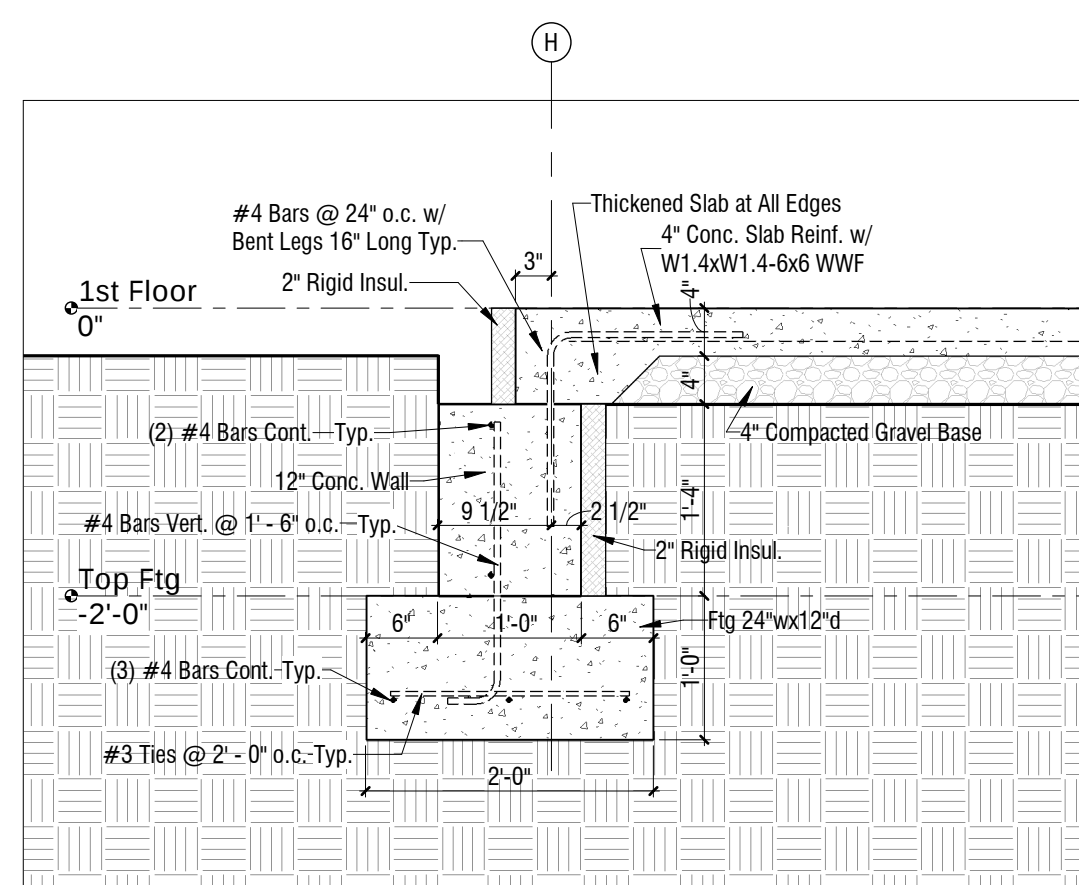


Struct. Stair Long Section
3/8" = 1'-0"

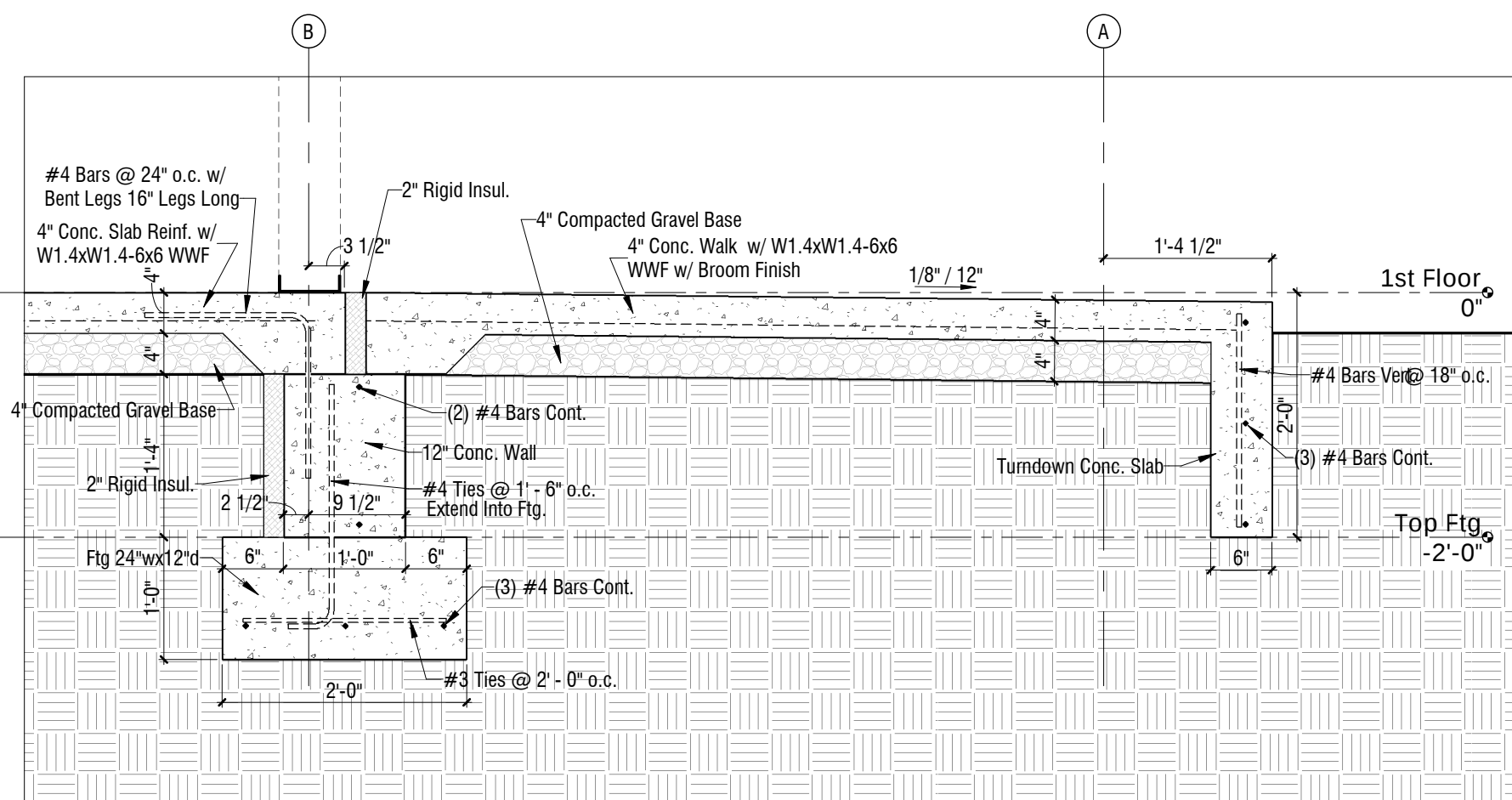
Struct. Stair Cross Section
3/8" = 1'-0"



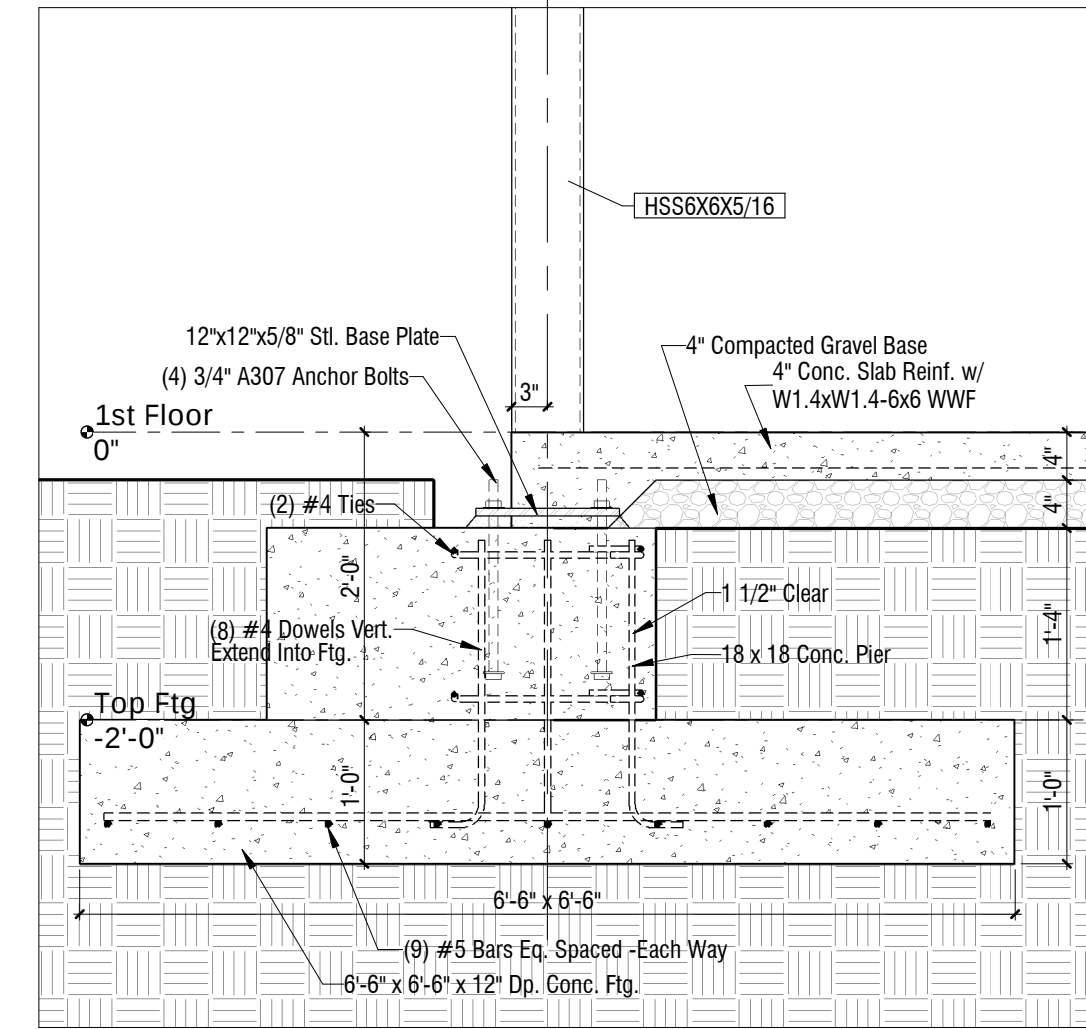
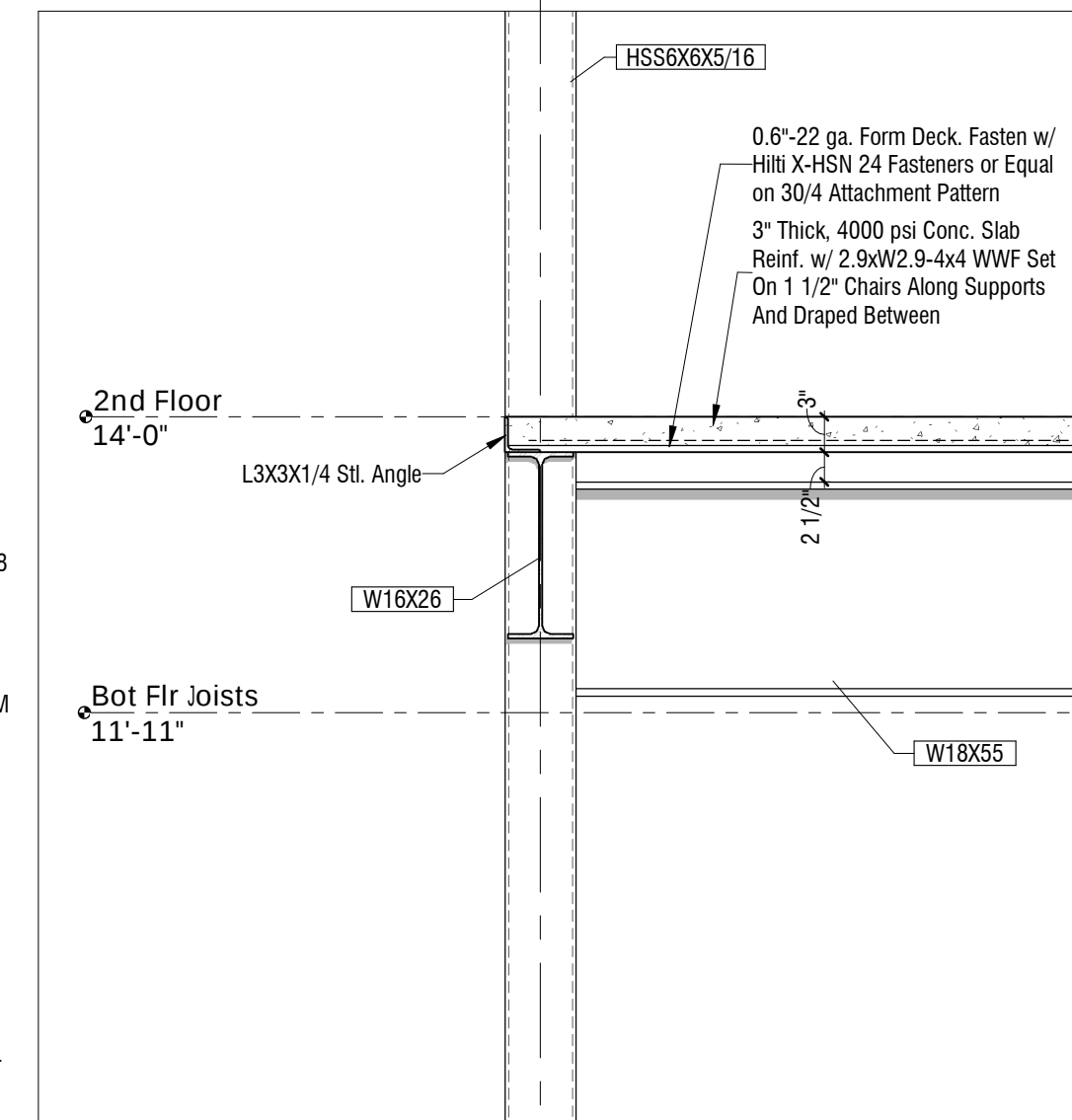
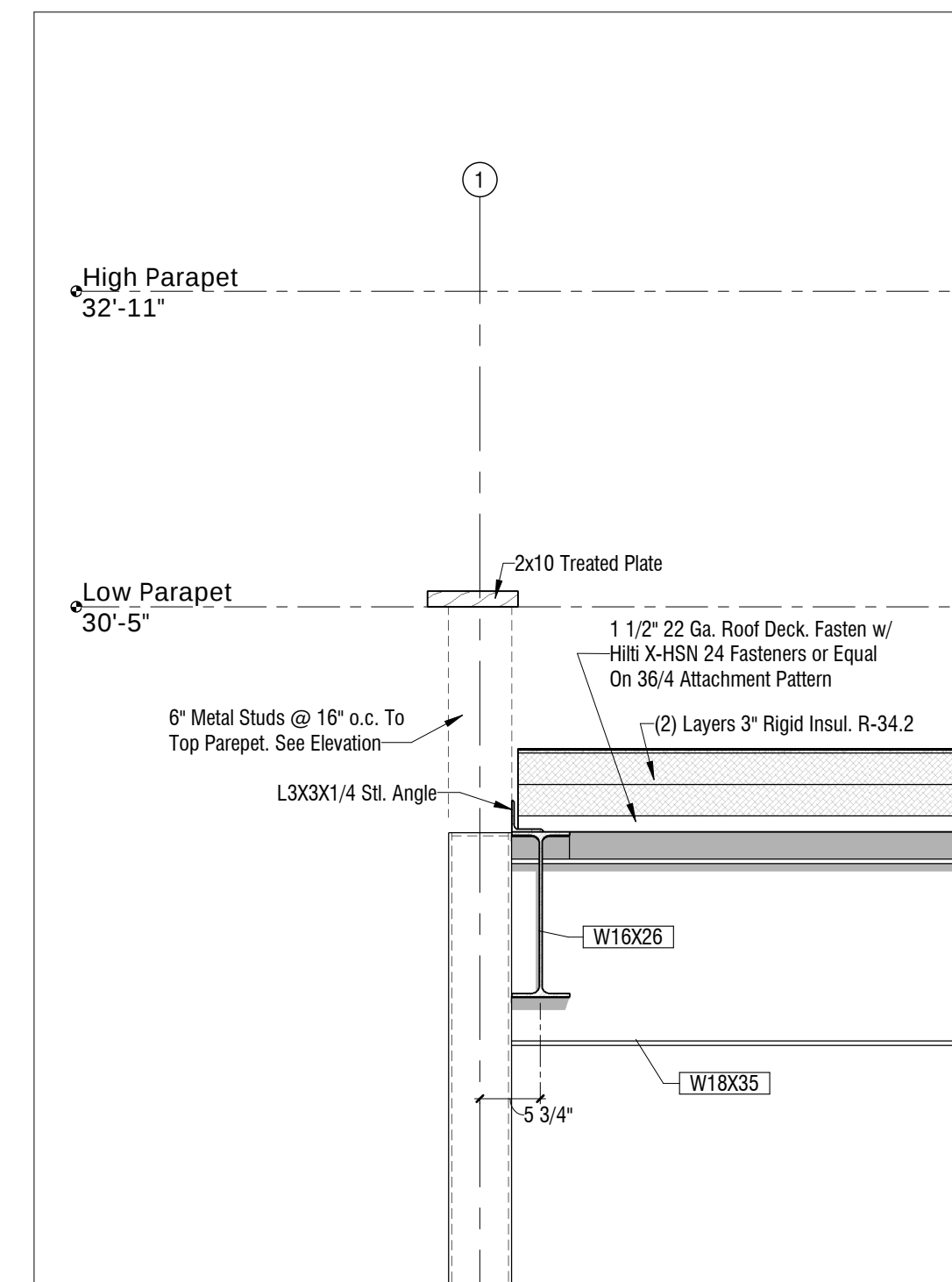
Col. Line H at Rear Roof Brg
1/2" = 1'-0"



Ext. Fdn at Line H (Typ.)
3/4" = 1'-0"



Porch Fdn at Storefronts
3/4" = 1'-0"



Ext. Column Section at Line 1
3/4" = 1'-0"

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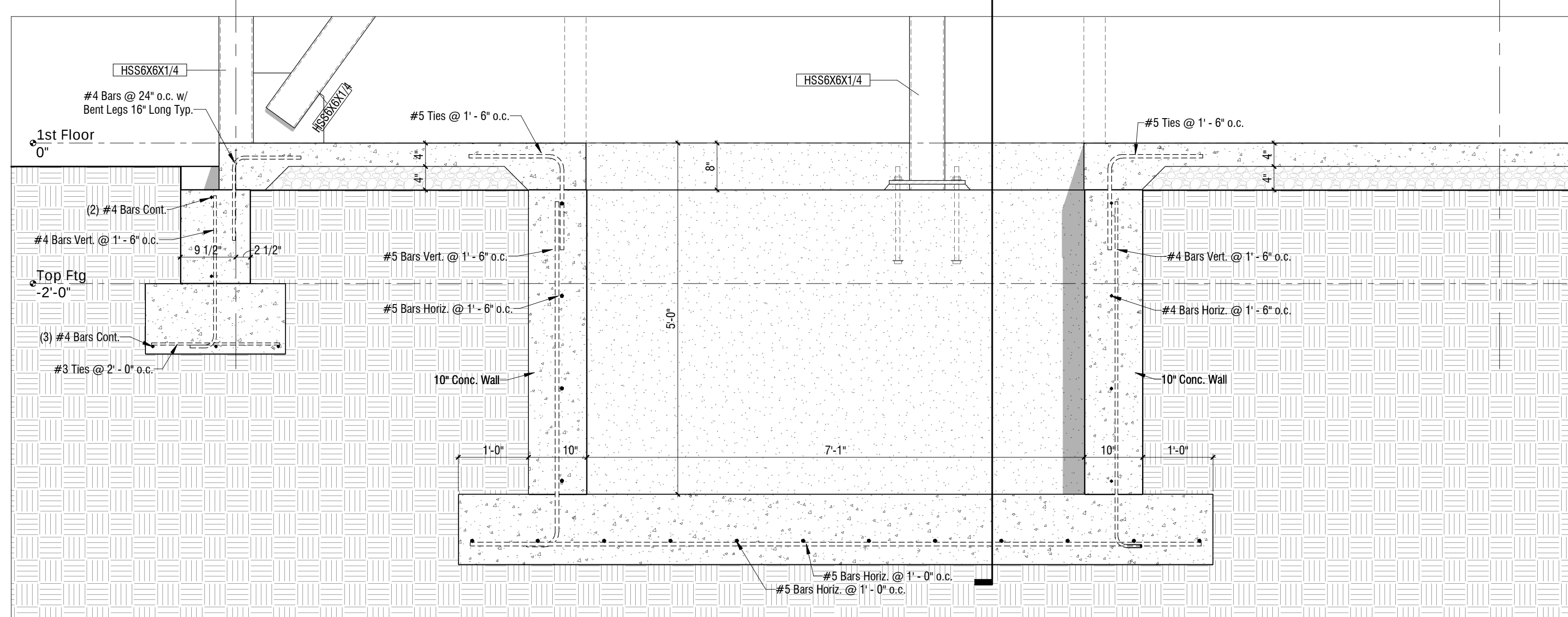
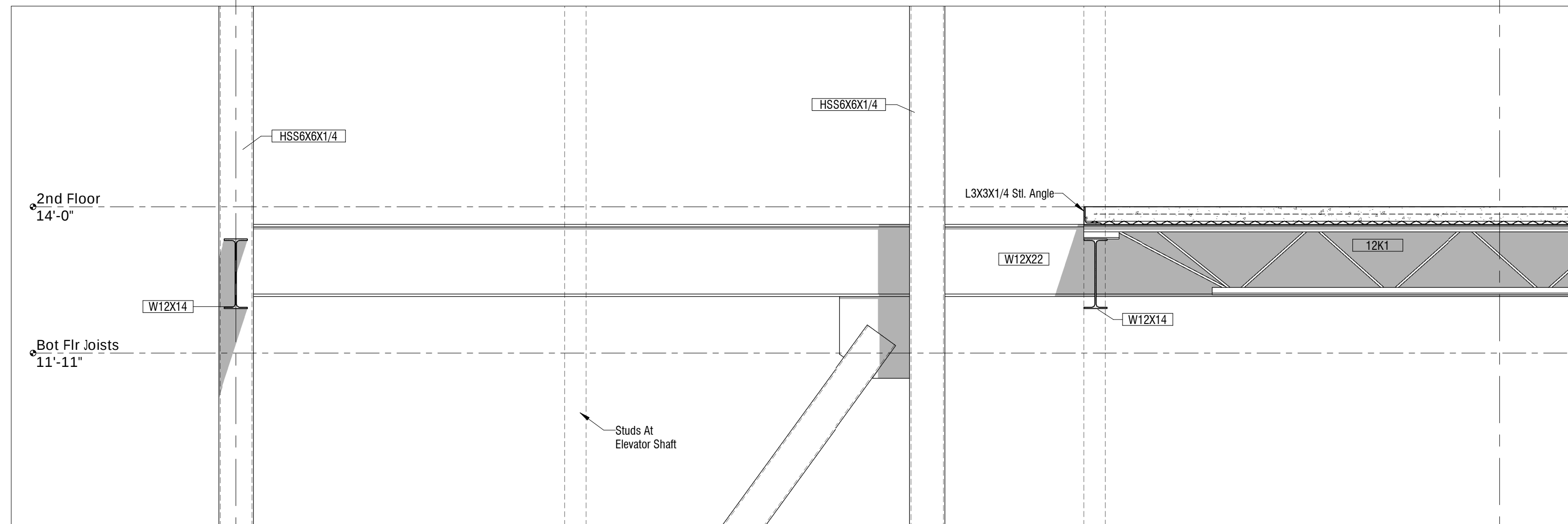
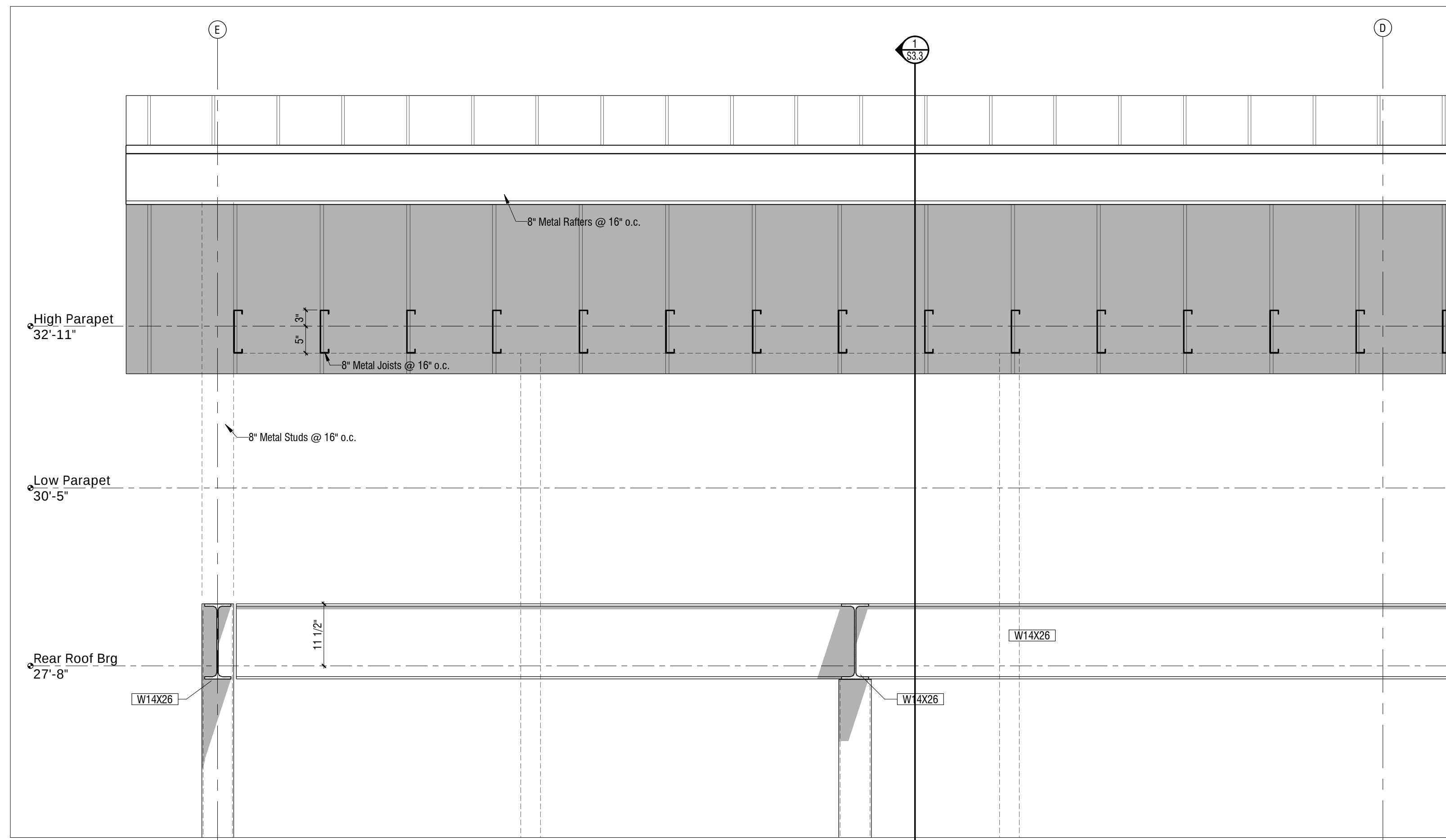
JAMES A. CARTER
19872
PROFESSIONAL ENGINEER

New 1st Floor Retail - 2nd Floor Offices at
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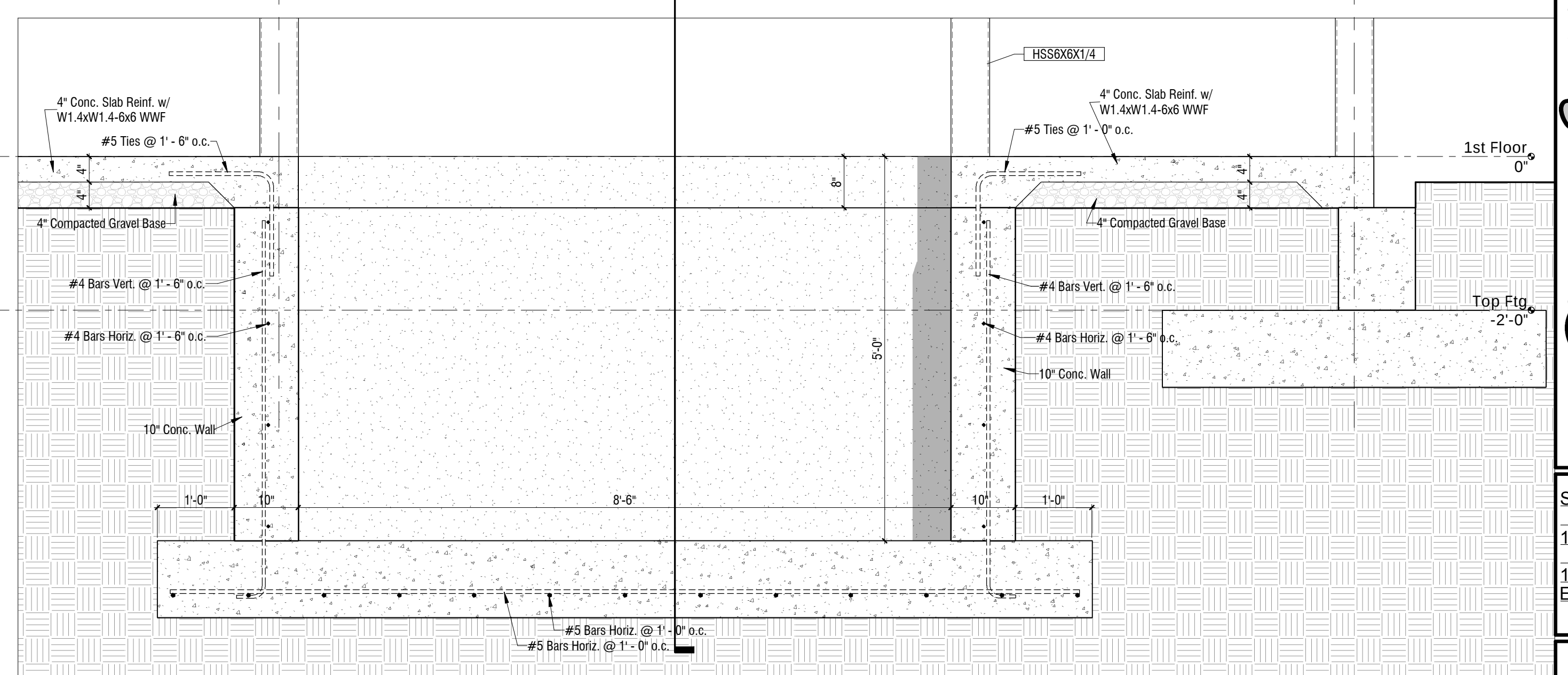
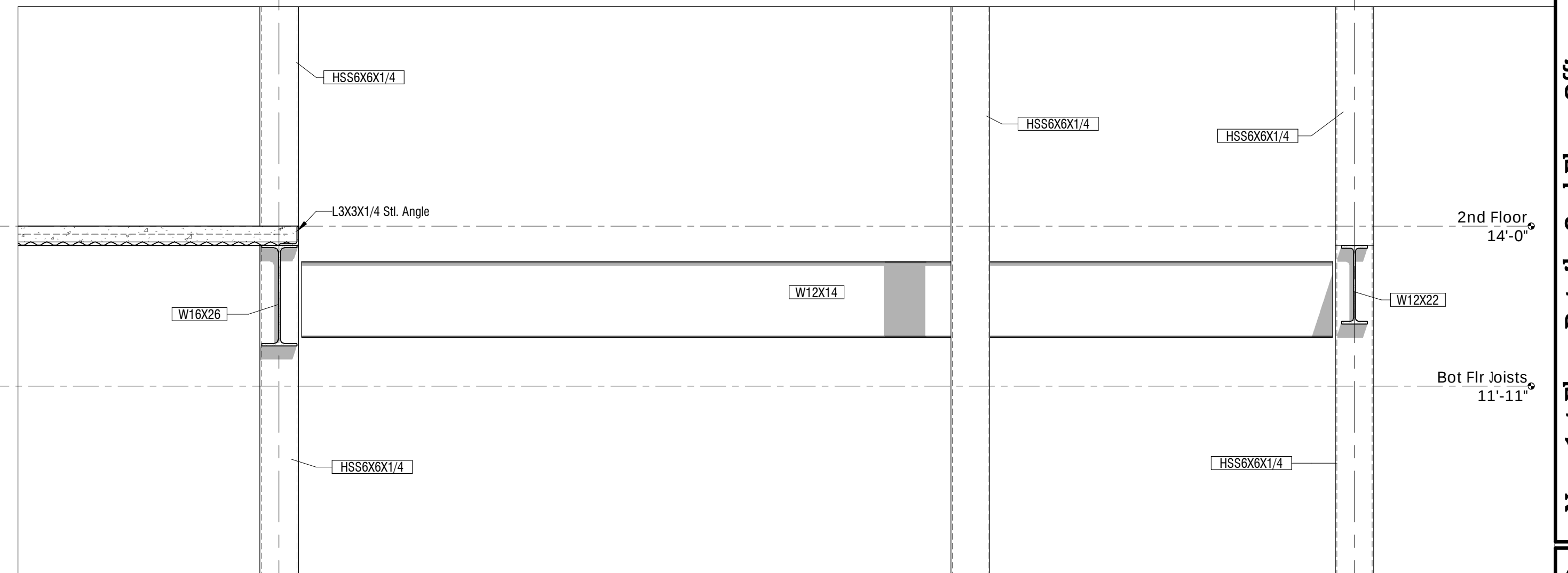
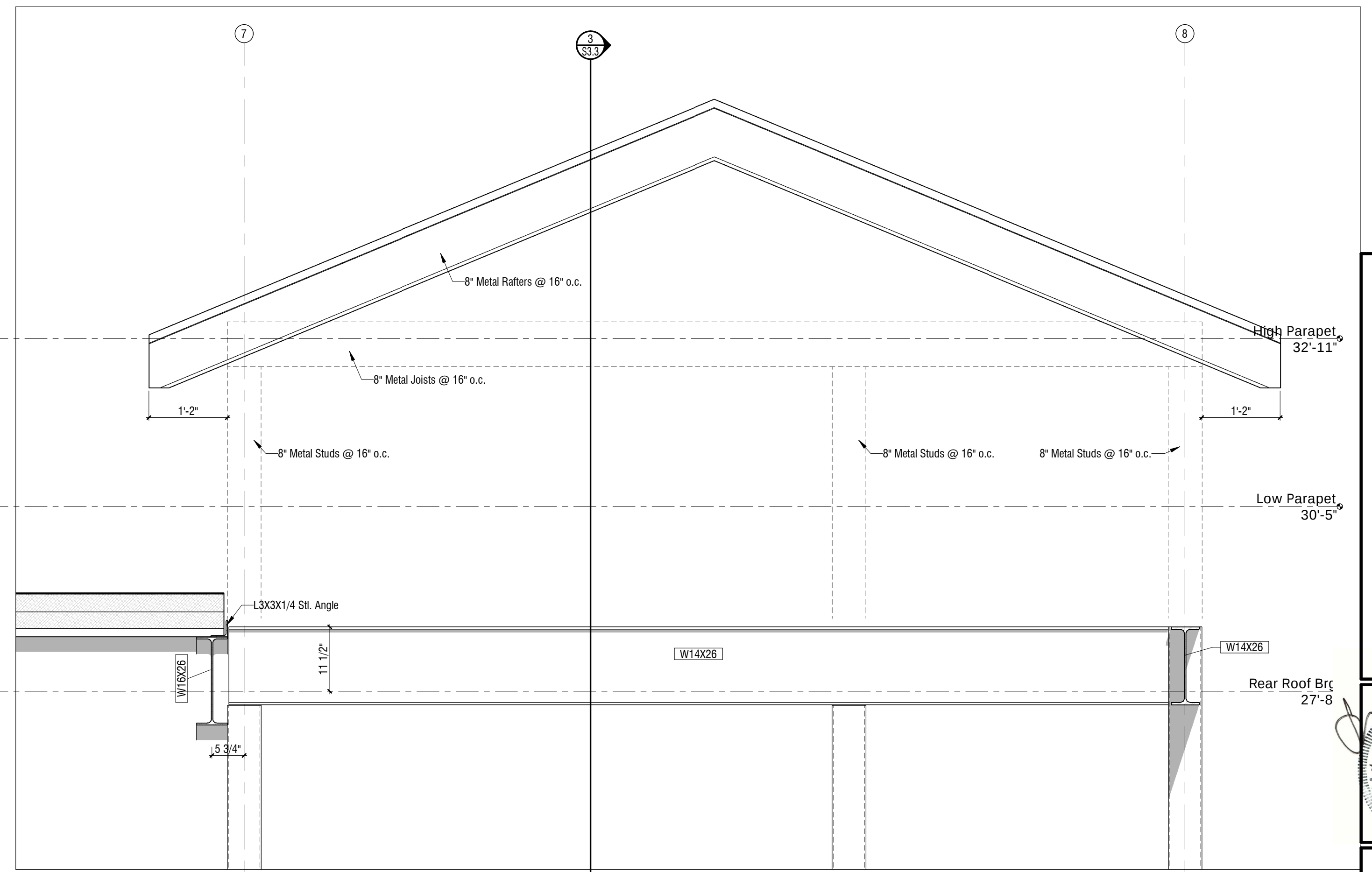
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Louisville, Kentucky 40242
Heritage Center
8801
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Structural Wall Sections
1/18/2018
1804
EDC
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Sheet No.
S3.2

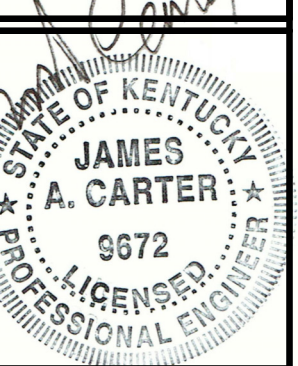


Struct. Elevator Section 3
3/4" = 1'-0"

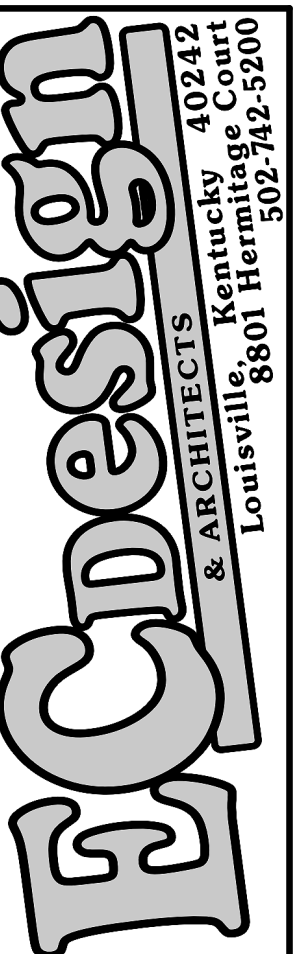


Struct. Elevator Section 1
3/4" = 1'-0"

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Structural Details			
1/18/2018	Title	Date	Rev
1804	Job No	EDC	Drawn By
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Sheet No.
S3.3