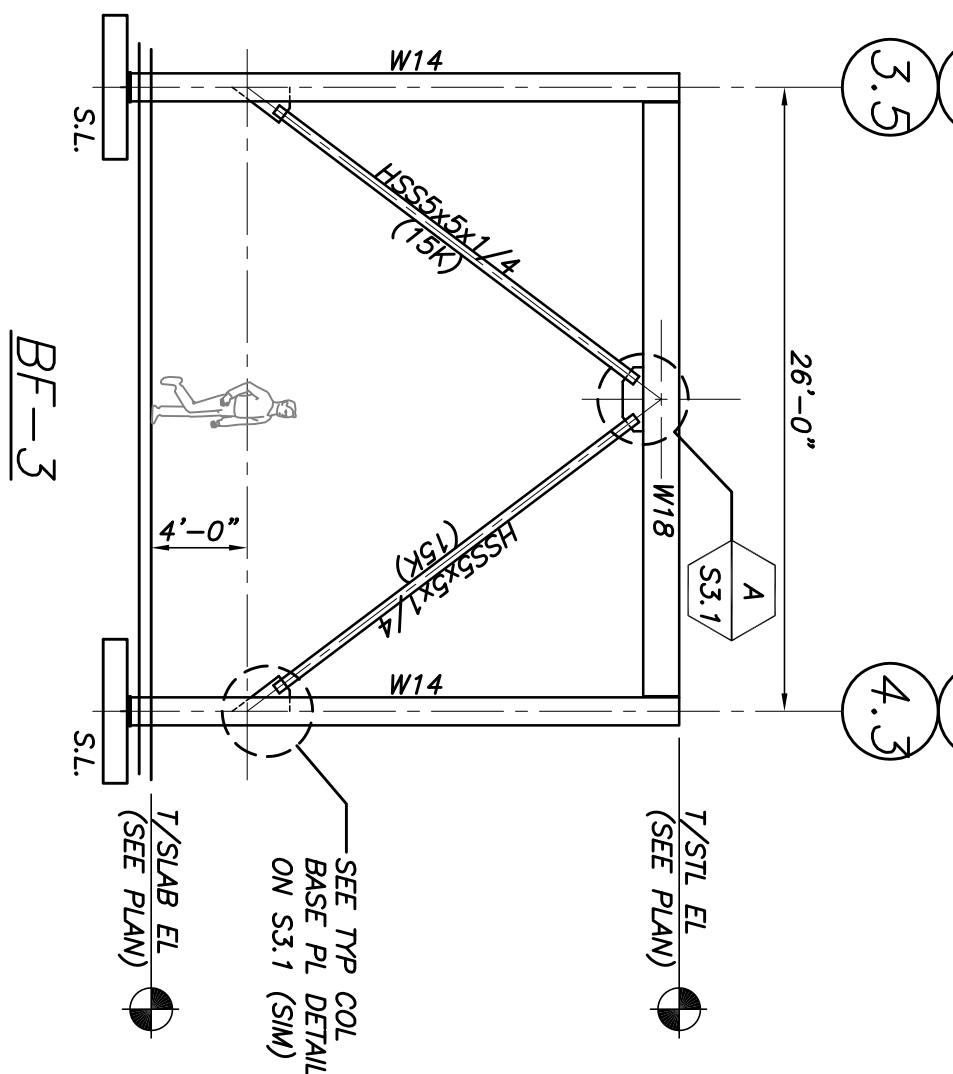
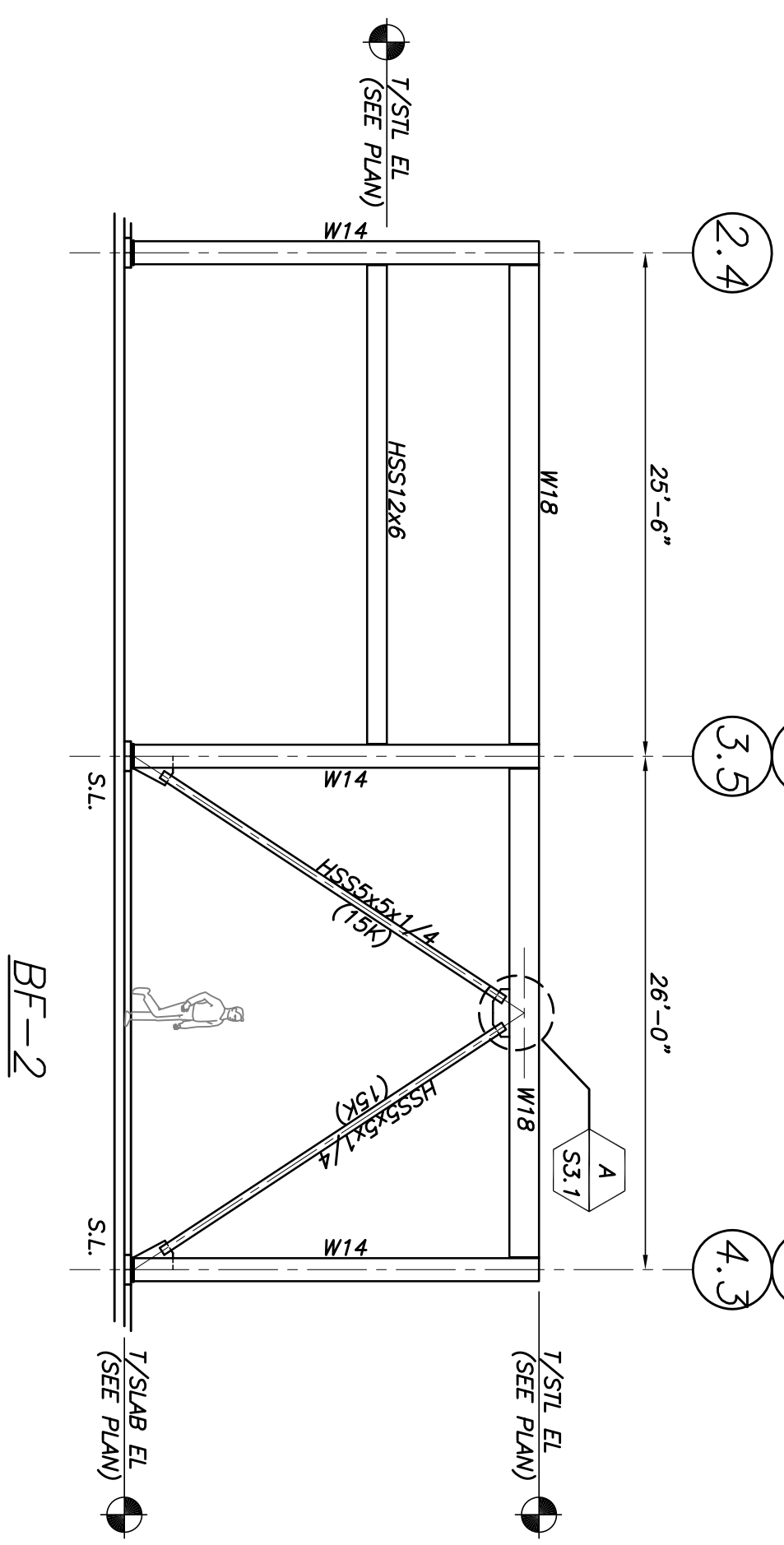
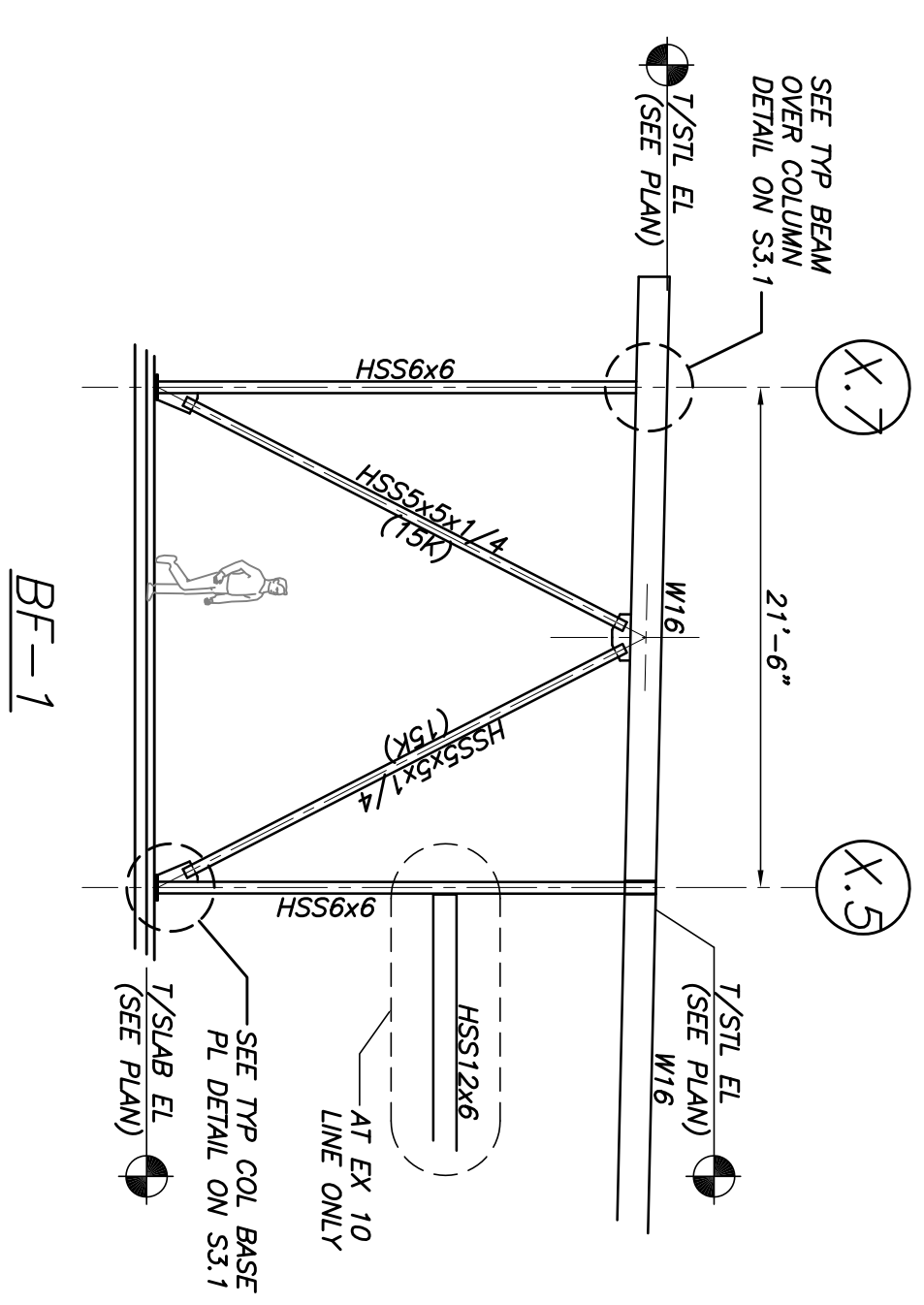


ROOF FRAMING PLAN
1/8"=1'-0"

- NOTES
1. TOP OF STEEL BEAM INDICATED THIS WAY (X.Y.), ETC. SEE PLAN.
 2. INDICATES SPAN DIRECTION OF 1:800. THE BEAM PAINTED.
 3. BEAM INDICATES MOMENT CONNECTION. SEE SECTIONS AND DETAILS.
 4. MF-1, MF-2, ETC. INDICATES MOMENT FRAME. SEE DWG.
 5. R.D. INDICATES ROOF DRAIN. COORD NUMBER & LOCATIONS.
 6. W/ARCH/MEP DWGS.
 7. MOST APPROXIMATE SPACING. PROVIDE UP/DT BRACING AT JUST BOT CHORDS, EACH END.

NOTE: DESIGN-BUILD MECHANICAL CONTRACTOR TO PROVIDE MECHANICAL PENETRATIONS AROUND ROOF FRAMING. DO NOT REMOVE ROOF FRAMING WITHOUT APPROVAL BY THE STRUCTURAL ENGINEER.



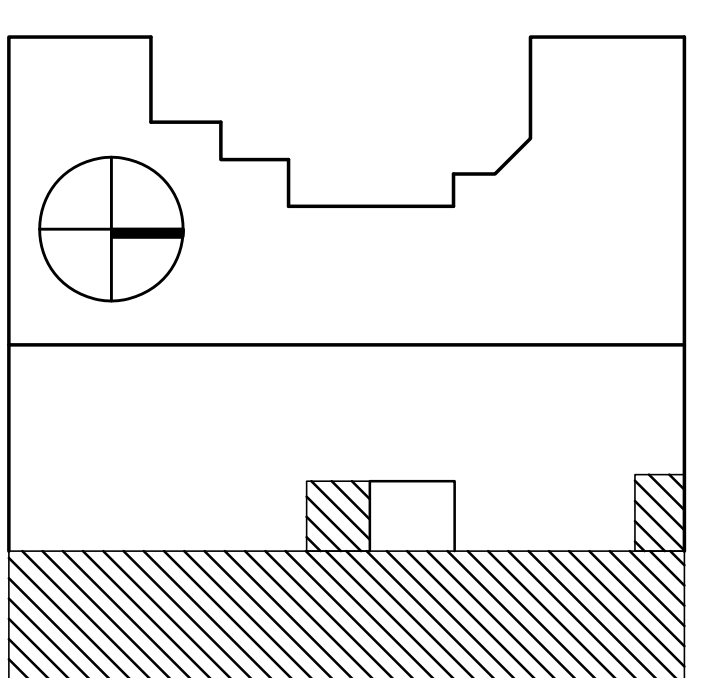
TYP MOMENT FRAME ELEVATION
N.T.S.

MEMBER	MEMBER	MEMBER	MEMBER	MEMBER
M4BK	M4	M4	M4	M4
MF-1	18K/7H	23K/7H	33K/7H	52K/7H
MF-2	18K/7H	23K/7H	40K/7H	62K/7H
MF-3	18K/7H	23K/7H	48K/7H	75K/7H

BRACE FRAME ELEVATIONS
1/8"=1'-0"

- NOTES
1. LOADS INDICATED ON BRACE FRAME AND MOMENT FRAME ELEVATIONS ARE UNFACTORED LOADS AND MAY ACT IN TENSION OR COMPRESSION.
 2. LOADS INDICATED HAVE BEEN GENERATED USING R=3. CONNECTIONS DO NOT REQUIRE DESIGN.
 3. CONNECTION DESIGN CALCULATIONS SHALL BE SUBMITTED FOR REVIEW PER SPECIFICATIONS AND SHALL BE STAMPED BY A STRUCTURAL ENGINEER.
 4. ALL APPLICABLE FAILURE MODE CHECKS.
- A. ALL APPLICABLE FAILURE MODE CHECKS.
B. BRACE BEAMS AND COLUMNS SHALL BE DESIGNED TO NOT INDUCE MOMENT INTO BEAMS AND COLUMNS.

NOTE: THE FOLLOWING ITEMS ARE NOT INCORPORATED IN THE DESIGN:
1. ROOFTOP MECHANICAL EQUIPMENT
2. HANGING LOADS
3. ROOF PENETRATIONS



 NUDELL ARCHITECTS 5180 W. Twelve Mile Road Birmingham, AL 35209 205.834.8500 1.205.834.8500 OFFICES IN: Dallas, Texas 972.387.8900 Omaha, Nebraska 402.710.0228 Omaha, Nebraska 781.978.9100 Chicago, Illinois 312.568.1144	<p>NOTICE</p> <p>THE ARCHITECTURAL AND/OR ENGINEERING DRAWINGS ORIGINALLY PREPARED BY NUDELL ARCHITECTS AND/OR ENGINEERS ARE HEREBY SUBMITTED TO YOU FOR YOUR REVIEW AND CONSENT TO FILE. THESE DRAWINGS ARE THE PROPERTY OF NUDELL ARCHITECTS AND/OR ENGINEERS. ANY REVISIONS OR CHANGES TO THESE DRAWINGS SHALL BE MADE BY NUDELL ARCHITECTS AND/OR ENGINEERS. NO PART OF THESE DRAWINGS SHALL BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF NUDELL ARCHITECTS AND/OR ENGINEERS.</p>	<p>project title</p> <p>EXISTING TSL BUILDING SERVICE ADDITION</p> <p>PORTLAND, ME</p>	<p>project title</p> <p>EXISTING TSL BUILDING SERVICE ADDITION</p> <p>PORTLAND, ME</p>	<p>Sheet title</p> <p>ROOF FRAMING PLAN AND BRACING ELEVATIONS</p>	<p>100% FOR PERMITS USE FLOOR DIMENSIONS ONLY.</p> <p>drawn: AEP checked: EAS approved: FEB</p> <p>project number 2008-279</p> <p>issued for: chris SITE PLAN PERIOD: 11/02/08 PERMIT REVIEW: 2/27/10 ISSUED FOR PERMIT: 3/16/12</p>	<p>STATE OF MAINE JAMES C. BECKER REGISTERED PROFESSIONAL ENGINEER NO. 10001</p>
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