



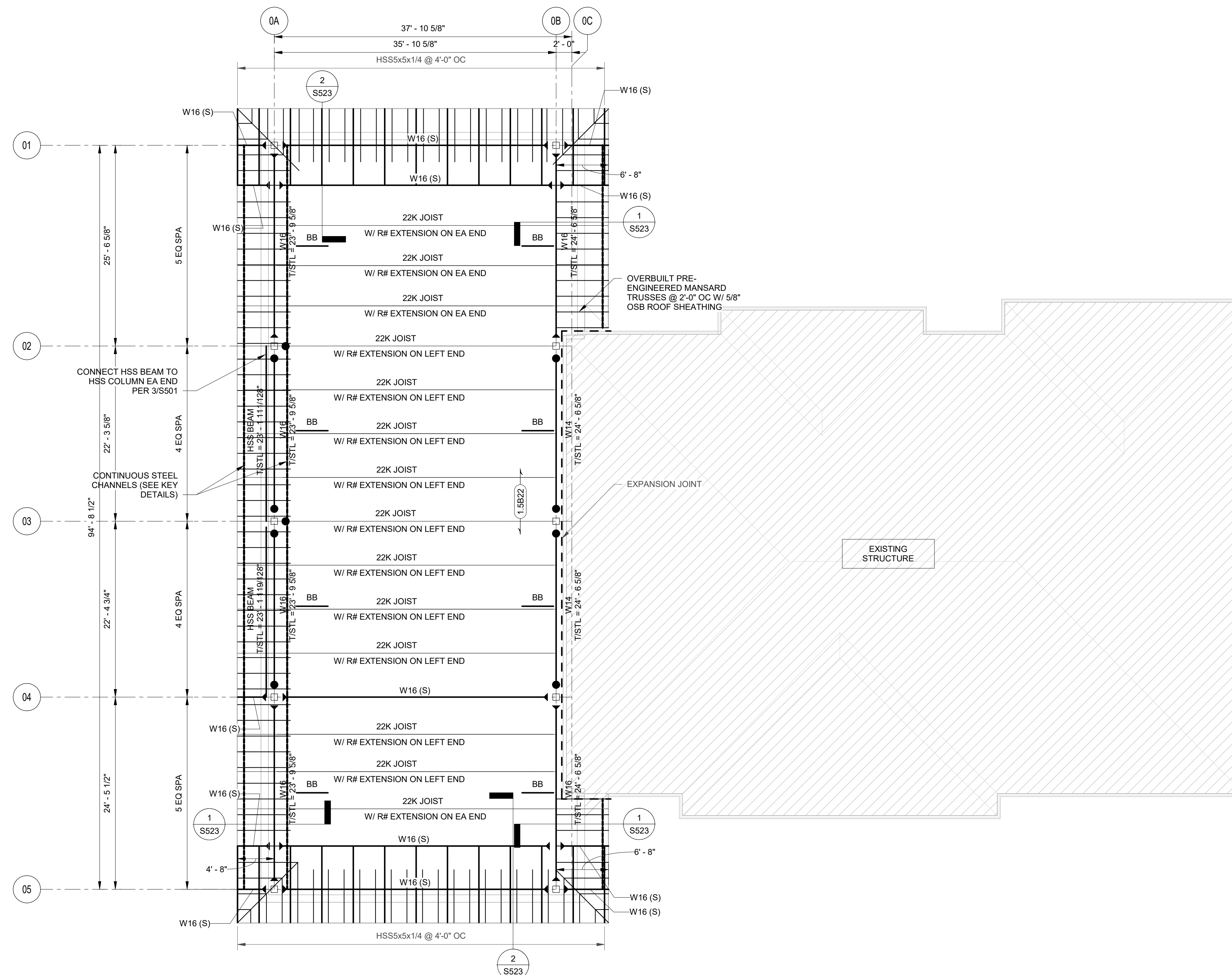


STEEL ROOF FRAMING PLAN NOTES

1.  DENOTES 22 GAUGE 1 1/2" TYPE B WIDE RIB STEEL ROOF DECK.
MINIMUM DECK PROPERTIES:
 $l_w = 0.162 \text{ IN}^2/\text{FT}$ $l_r = 0.175 \text{ IN}^2/\text{FT}$
 $S_{x^*} = 0.183 \text{ IN}^3/\text{FT}$ $S_{y^*} = 0.189 \text{ IN}^3/\text{FT}$
2. SEE PLAN FOR TOP OF STEEL ELEVATIONS.
3. NOTIFY STRUCTURAL ENGINEER OR RECORD IF PIPING WEIGHT IS IN EXCESS OF THOSE NOTED IN SCHEDULE. FOR ALL PIPING SUPPORTED FROM ROOF STRUCTURE SEE x/Sxxx
4. DO NOT SUPPORT MULTIPLE SPRINKLER MAINS FROM THE SAME JOIST. GENERAL CONTRACTOR TO PROVIDE SPRINKLER DRAWINGS TO STRUCTURAL ENGINEER OF RECORD AND JOIST MANUFACTURER FOR REVIEW AND COORDINATION PRIOR TO JOIST FABRICATION WHERE LOAD PER JOIST EXCEEDS 200#.
5. JOISTS SHALL BE REINFORCED AT CONCENTRATED LOADS - SEE 2/S521
6. PROVIDE SUPPORT FRAME AT ROOF DRAINS, VENTS, EXHAUST FANS, HATCHES, AND OTHER OPENINGS LARGER THAN 12" PER 1/S521
COORDINATE SIZES AND LOCATIONS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
7. ROOF EDGE ANGLES SHALL BE CONTINUOUS. FOR SPLICE CONNECTION - SEE 4/S521
8. MAXIMUM SPACING OF STEEL ROOF JOISTS SHALL BE 6' - 0" OC, UNLESS NOTED OTHERWISE.
9. JOIST SEATS SHALL BE DESIGNED FOR ROLL-OVER FORCES ALONG GRID LINES x AND x, UNLESS NOTED OTHERWISE ON PLAN - SEE 3/S521.
10. V=##K DENOTES DESIGN SERVICE LEVEL (ALLOWABLE STRESS DESIGN) SHEAR REACTION. IF REACTION IS NOT SHOWN, DESIGN FOR 15 K.
11.  DENOTES MOMENT CONNECTION. DESIGN CONNECTIONS FOR FORCES INDICATED ON PLAN AND IN ELEVATIONS. FOR CONNECTION DETAIL - SEE 2/S502.
M=##K-FT DENOTES DESIGN SERVICE LEVEL (ALLOWABLE STRESS DESIGN) MOMENT REACTION (+ OR -). IF FORCE IS NOT SHOWN, DESIGN FOR 25 K-FT.
12.  DENOTES DRAG CONNECTION. DESIGN CONNECTIONS FOR AXIAL FORCES INDICATED ON PLAN AND IN ELEVATIONS. DRAG CONNECTIONS TO HSS COLUMNS SHALL BE THRU-PLATES, UNO - SEE 2/S501
A=##K DENOTES DESIGN SERVICE LEVEL (ALLOWABLE STRESS DESIGN) AXIAL DRAG FORCE. IF FORCE IS NOT SHOWN, DESIGN FOR 5 K.
13.  DENOTES BEAM BOTTOM FLANGE BRACE PER DETAIL 7/S521.




THIS DRAWING IS NOT VALID
FOR CONSTRUCTION
PURPOSES UNLESS IT BEARS
THE SEAL AND SIGNATURE OF
A DULY REGISTERED
PROFESSIONAL

Project Status



Project Name

[illegible]

 <p>LINE IS 2 INCHES AT FULL SIZE</p>	
DESIGNED:	Designer
DRAWN:	Author
CHECKED:	Checker
CHECKED:	
APPROVED:	Approver
FILENAME	
BC PROJECT NUMBER	
Project Number	
CLIENT PROJECT NUMBER	

ROOF FRAMING PLAN

DRAWING NUMBER
S103