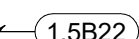


ROOF FRAMING PLAN

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

STEEL ROOF FRAMING PLAN NOTES:

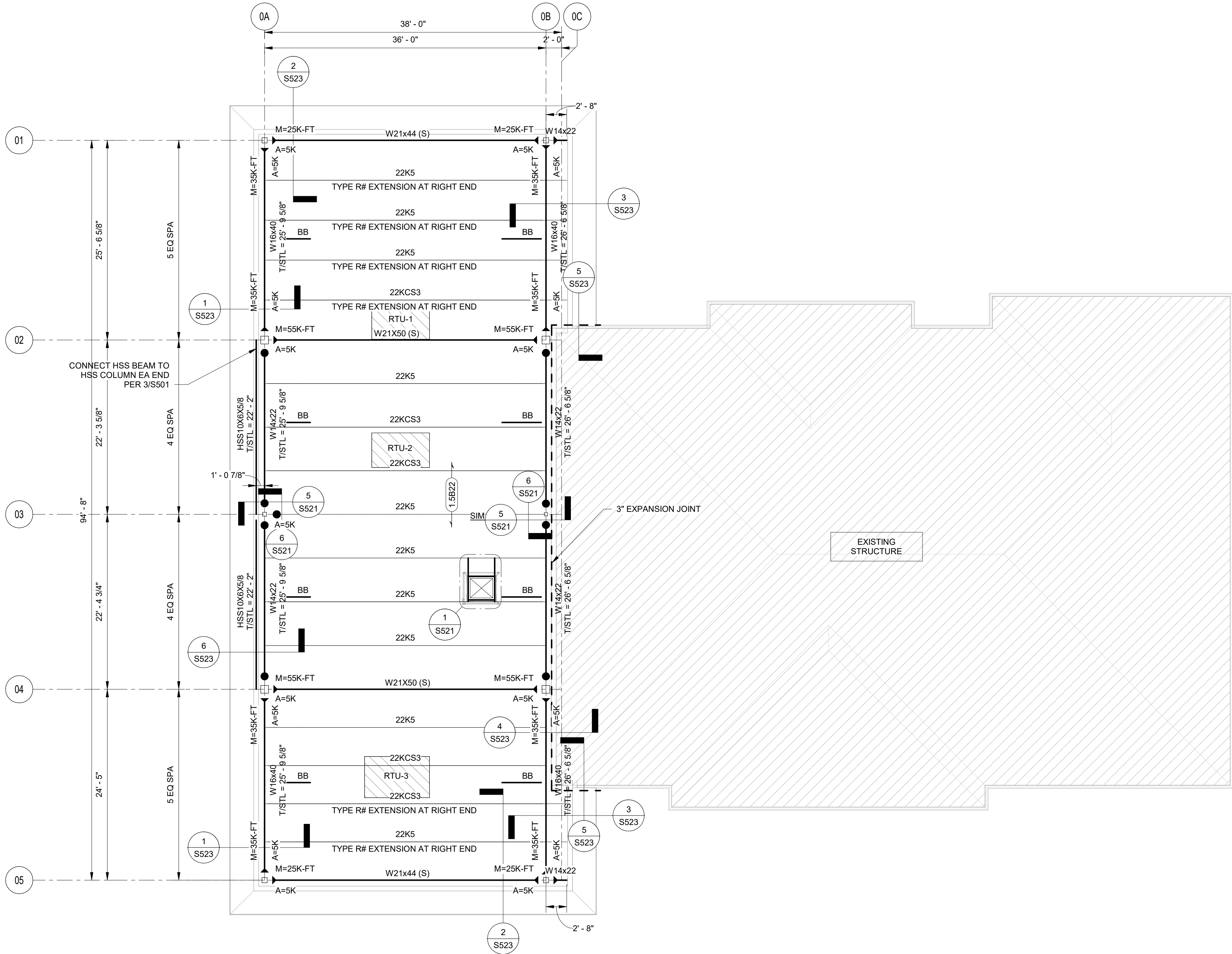
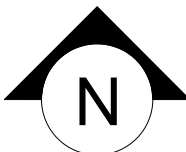
1.  DENOTES 22 GAUGE 1 1/2" TYPE B WIDE RIB STEEL ROOF DECK.
MINIMUM DECK PROPERTIES:
 $I_y^* = 0.162 \text{ IN}^4/\text{FT}$ $I_y = 0.175 \text{ IN}^4/\text{FT}$
 $S_y^* = 0.183 \text{ IN}^3/\text{FT}$ $S_y = 0.189 \text{ IN}^3/\text{FT}$
2. SEE PLAN FOR TOP OF STEEL ELEVATIONS.
3. NOTIFY STRUCTURAL ENGINEER OF RECORD IF PIPING WEIGHT IS IN EXCESS OF THOSE NOTED IN SCHEDULE. FOR ALL PIPING SUPPORTED FROM ROOF STRUCTURE SEE S005
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
7. COORDINATE SIZES AND LOCATIONS WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
8. ROOF EDGE ANGLES SHALL BE CONTINUOUS. FOR SPLICE CONNECTION - SEE 4/S521
9. MAXIMUM SPACING OF STEEL ROOF JOISTS SHALL BE 6' - 0" OC, UNLESS NOTED OTHERWISE.
10. JOIST SEATS SHALL BE DESIGNED FOR ROLL-OVER FORCES ALONG GRID LINES 0A & 0B, UNLESS NOTED OTHERWISE ON PLAN - SEE 3/S521.
11. V=#K DENOTES DESIGN SERVICE LEVEL (ALLOWABLE STRESS DESIGN) SHEAR REACTION. IF REACTION IS NOT SHOWN, DESIGN FOR 15 K.
12.  DENOTES MOMENT CONNECTION. DESIGN CONNECTIONS FOR FORCES INDICATED ON PLAN AND IN ELEVATIONS. FOR CONNECTION DETAIL - SEE 5/S501.
13. M=#K-FT DENOTES DESIGN SERVICE LEVEL (ALLOWABLE STRESS DESIGN) MOMENT REACTION (+ OR -). IF FORCE IS NOT SHOWN, DESIGN FOR 25 K-FT.
14.  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
15. A=#K DENOTES DESIGN SERVICE LEVEL (ALLOWABLE STRESS DESIGN) AXIAL DRAG FORCE. IF FORCE IS NOT SHOWN, DESIGN FOR 5 K.
16.  DENOTES BEAM BOTTOM FLANGE BRACE PER DETAIL 7/S521.

RTU SCHEDULE

MARK	WEIGHT
RTU-1	1350 LB
RTU-2	1350 LB
RTU-3	1650 LB

NOTES:

1. NOTIFY ARCHITECT/ENGINEER IF UNIT SUPPLIED EXCEEDS SCHEDULED WEIGHT.
2. REFERENCE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION AND EXACT UNIT SIZES AND LOCATIONS.
3. EQUIPMENT CURB AND ANCHORAGE IS THE RESPONSIBILITY OF THE MECHANICAL CONTRACTOR - SEE 2/S522. ANCHOR CURBS TO RESIST UPLIFT AND OVERTURNING FORCES FROM WIND LOADS.



BROWN AND CALDWELL
900 HAMMOND DRIVE, SUITE 500
ATLANTA, GA 30328



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

CONSTRUCTION
DOCUMENTS

07/01/2026



NCWSA OFFICE
ADDITION

REVISIONS

REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE

DESIGNED: Designer

DRAWN: Author

CHECKED: Checker

CHECKED:

APPROVED: Approver

FILENAME

BC PROJECT NUMBER

616202

CLIENT PROJECT NUMBER

ROOF FRAMING
PLAN

DRAWING NUMBER

S103

PES STRUCTURAL
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PES PROJECT NUMBER: 0250683
PES GEORGIA LICENSE NUMBER: PEF000799
EXPIRATION DATE: 6/30/2028