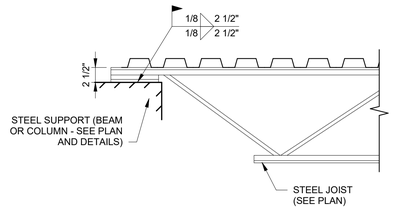
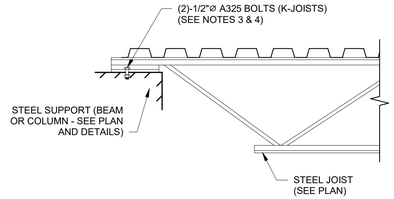


WELDED CONNECTION



BOLTED CONNECTION

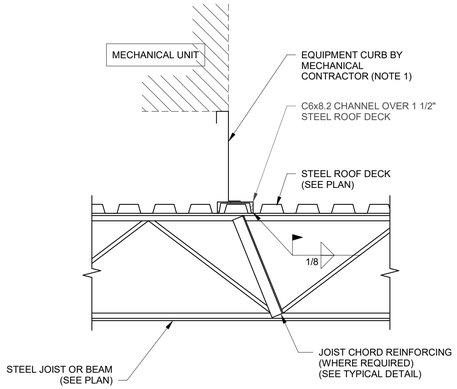
NOTES:

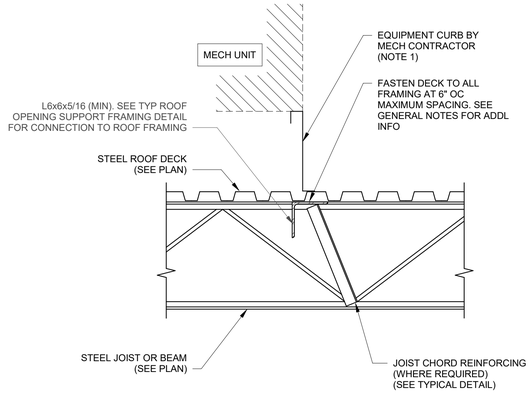
1. JOIST SEAT DEPTHS AND CONNECTIONS INDICATED IN THIS DETAIL ARE TYPICAL UNO ON PLANS AND SPECIFIC DETAILS.
2. SLOPED OR BEVELED SEATS ARE REQUIRED WHERE ROOF SLOPE EXCEEDS 1/4"/FT. COMPLY WITH SJI SPECIFICATIONS AND SEE PLANS FOR JOIST SEAT DEPTHS.
3. BOLTED CONNECTIONS ARE REQUIRED AT LOCATIONS INDICATED BY THE JOIST SUPPLIER.
4. IF BOLTS CANNOT BE INSTALLED AT CONNECTIONS INDICATED AS BOLTED, NOTIFY THE JOIST SUPPLIER AND SUBMIT PROPOSED CONNECTION MODIFICATION TO ARCH/SEOR FOR REVIEW. WELDS INDICATED IN THIS DETAIL SHALL NOT BE SUBSTITUTED FOR BOLTS.

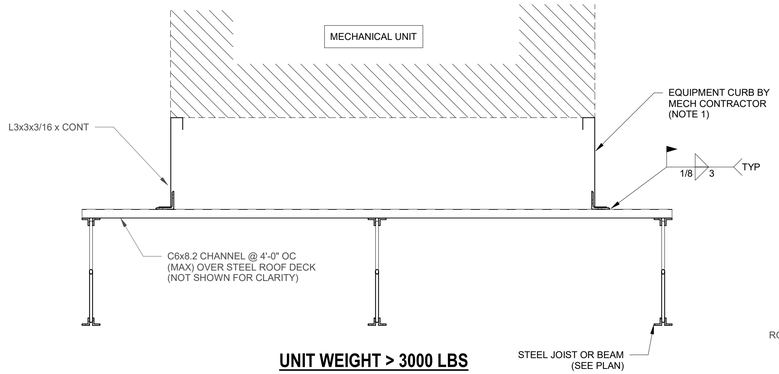
TYPICAL STEEL JOIST SEAT CONNECTIONS - SECTION

1 / S522

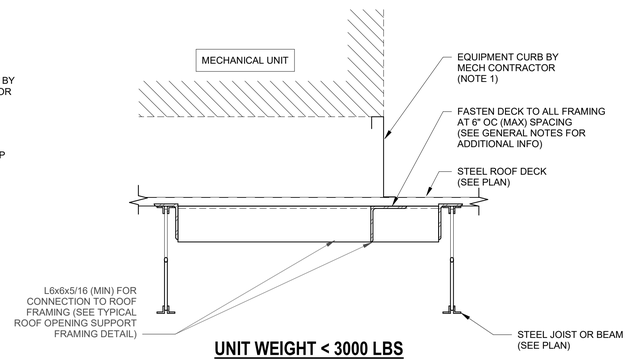
SCALE: 1" = 1'-0"







UNIT WEIGHT > 3000 LBS



UNIT WEIGHT < 3000 LBS

NOTES:

1. COORDINATE SIZE AND LOCATION OF EQUIPMENT CURB WITH MECHANICAL CONTRACTOR. CURB SHALL BE SUPPORTED ON ALL SIDES.
2. ANCHOR EQUIPMENT AND CURB TO MISCELLANEOUS FRAMING SHOWN AS REQUIRED FOR WIND AND/OR SEISMIC FORCES. COORDINATE WITH EQUIPMENT/CURB MANUFACTURER (CONNECTION DESIGN NOT BY PES STRUCTURAL ENGINEERS).
3. NOTIFY SEOR IF EQUIPMENT SIZE AND/OR WEIGHT (INCLUDING CURB) EXCEEDS WEIGHT NOTED ON PLANS.
4. IN ADDITION TO CURB SUPPORT FRAME, INSTALL TYPICAL ROOF OPENING FRAME TO SUPPORT DECK AT PERIMETER OF OPENINGS. SEE TYPICAL ROOF OPENING FRAME DETAIL FOR ADDITIONAL INFORMATION.
5. PROVIDE LARGER FRAMING MEMBERS AS REQUIRED FOR ANCHORAGE OF EQUIPMENT CURB.

TYPICAL EQUIPMENT CURB SUPPORT - SECTION

2 / S522

SCALE: 1" = 1'-0"

Brown AND Caldwell

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

wendel

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

Project Status

NCWSA NEWTON COUNTY WATER & SEWERAGE AUTHORITY

Project Name

REVISIONS

REV	DATE	DESCRIPTION

LINE IS 2 INCHES AT FULL SIZE

DESIGNED: Designer
DRAWN: Author
CHECKED: Checker
CHECKED:
APPROVED: Approver
FILENAME

BC PROJECT NUMBER
Project Number
CLIENT PROJECT NUMBER

STEEL ROOF FRAMING DETAILS

DRAWING NUMBER
S522

Plot Date: 3/12/2026 12:24:37 AM Path: Autodesk Docs://NCWSA Admin Bldg_V25/0250683-NCWSA Office Addition-R25-STRUCT.rvt