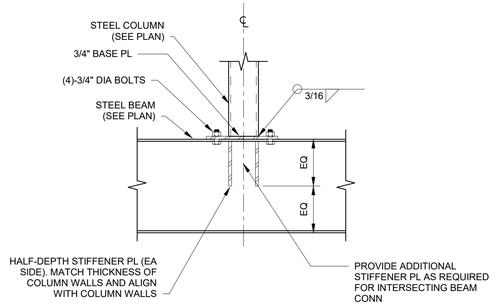
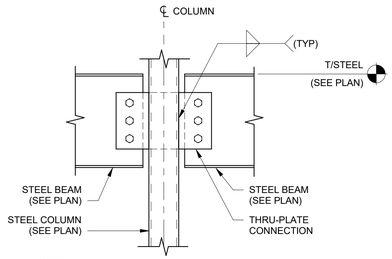


TYPICAL TRANSFER BEAM CONNECTIONS - DETAILS

1 S501

SCALE: 1" = 1'-0"

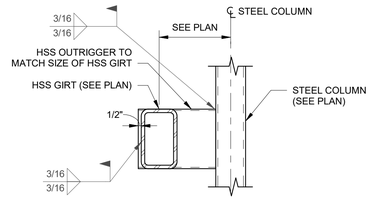


NOTES:
1. FABRICATOR SHALL SUBMIT DRAG CONNECTION CALCULATIONS WITH SHOP DRAWINGS. CONNECTIONS SHALL BE DESIGNED FOR FORCES SHOWN ON BRACE ELEVATIONS AND FRAMING PLANS.

DRAG CONNECTION AT BEAM TO HSS COLUMN - SECTION

2 S501

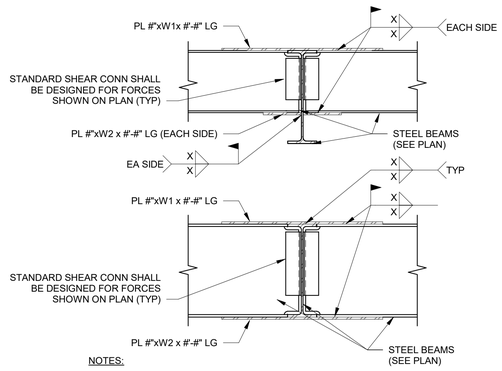
SCALE: 1" = 1'-0"



TYPICAL HSS BEAM TO HSS COLUMN CONNECTION - DETAIL

3 S501

SCALE: 1" = 1'-0"



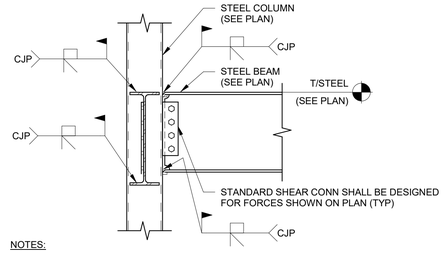
NOTES:

1. W1 SHALL BE 1" LESS THAN BEAM FLANGE WIDTH. W2 SHALL BE 1" GREATER THAN BEAM FLANGE WIDTH.
2. PLATE THICKNESS AND LENGTH DESIGNATED "#" SHALL BE DESIGNED BY CONNECTION ENGINEER FOR CONNECTION FORCES SHOWN ON PLAN.

TYPICAL BEAM THROUGH GIRDER MOMENT CONNECTIONS - SECTION

4 S501

SCALE: 3/4" = 1'-0"



NOTES:

1. FABRICATOR HAS THE OPTION TO USE ALTERNATE MOMENT CONNECTION. SUBMIT DETAIL FOR REVIEW AND ACCEPTANCE PRIOR TO SUBMITTING SHOP DRAWINGS. IF BOLTED FLANGE PLATES ARE PROPOSED, SUBMITTAL SHALL INCLUDE FLANGE EXTENSION PLATES OR ANGLES FOR DECK SUPPORT.
2. FABRICATOR SHOULD COORDINATE FIT UP PLATES AS REQUIRED.
3. FOR TOP OF COLUMN CONDITION, EXTEND COLUMN AS REQUIRED FOR CONNECTION (2" MAXIMUM) AND PROVIDE A 3/4" CAP PLATE.
4. JOISTS FRAMING PERPENDICULAR INTO THIS COLUMN SHALL BEAR ON A STIFFENED SEAT ANGLE.

TYPICAL WIDE FLANGE BEAM TO HSS COLUMN MOMENT CONNECTIONS - SECTION

5 S501

SCALE: 3/4" = 1'-0"

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 FRAMING DETAILS

DRAWING NUMBER
S501

Plot Date: 3/12/2026 12:24:30 AM Path: Autodesk Docs://NCWSA Admin Bldg_ V25/0250683-NCWSA Office Addition-R25-STRUCT.rvt