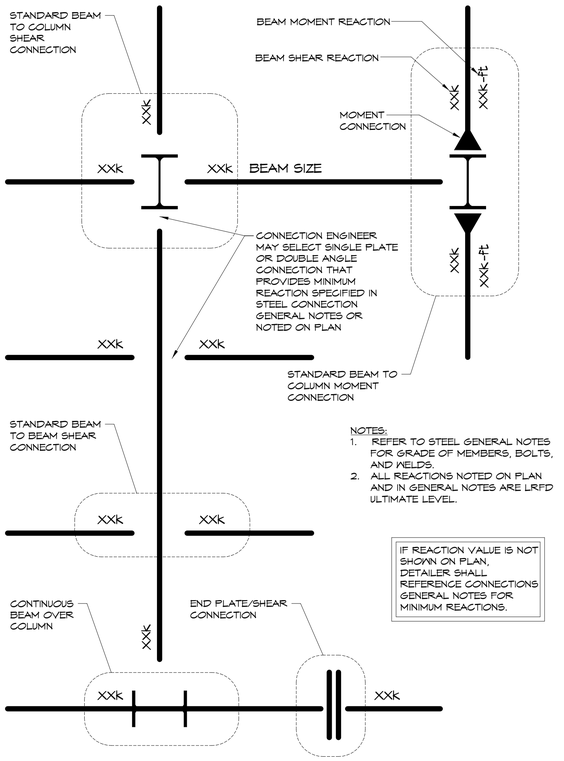
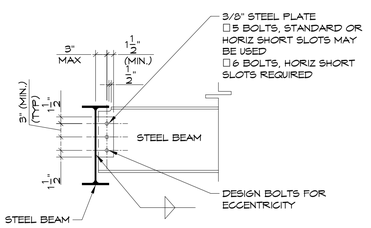


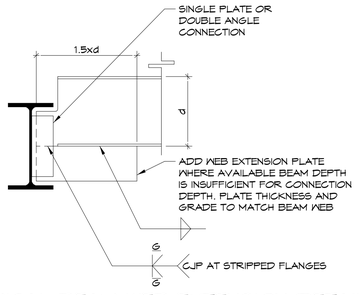
NOTES:
1. REFER TO STEEL GENERAL NOTES FOR GRADE OF MEMBERS, BOLTS, AND WELDS.
2. ALL REACTIONS NOTED ON PLAN AND IN GENERAL NOTES ARE LRFD ULTIMATE LEVEL.

IF REACTION VALUE IS NOT SHOWN ON PLAN, DETAILER SHALL REFERENCE CONNECTIONS GENERAL NOTES FOR MINIMUM REACTIONS.

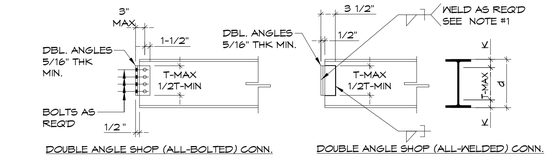
TYPICAL BEAM CONNECTIONS



TYPICAL SINGLE PLATE BEAM-TO-BEAM CONNECTION DETAIL

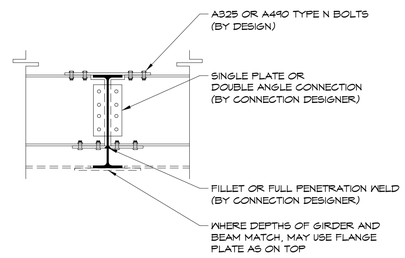


TYPICAL BEAM WEB EXTENSION DETAIL



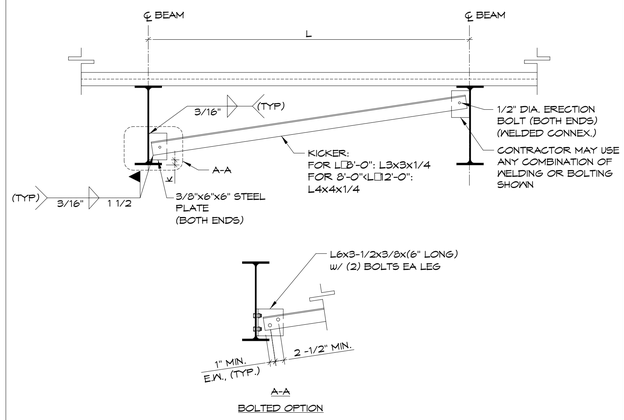
TYPICAL DOUBLE ANGLE BEAM-TO-BEAM CONNECTION DETAIL

NOTES:
1. LENGTH OF RETURN WELD TO BEAM SUPPORT ON TOP SIDE OF ANGLE SHALL BE EQUAL TO 2x THE SIZE OF FILLET.

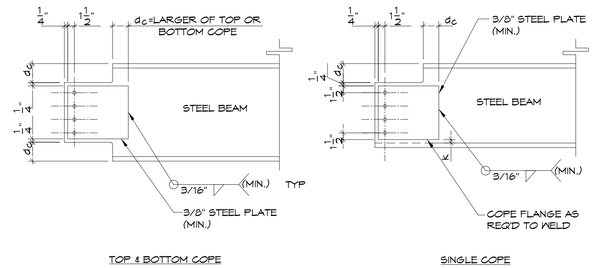


REFERENCE PLANS FOR MOMENT REACTIONS. IF REACTIONS ARE NOT PROVIDED, SUBMIT FORMAL REQUEST TO ENGINEER OF RECORD.

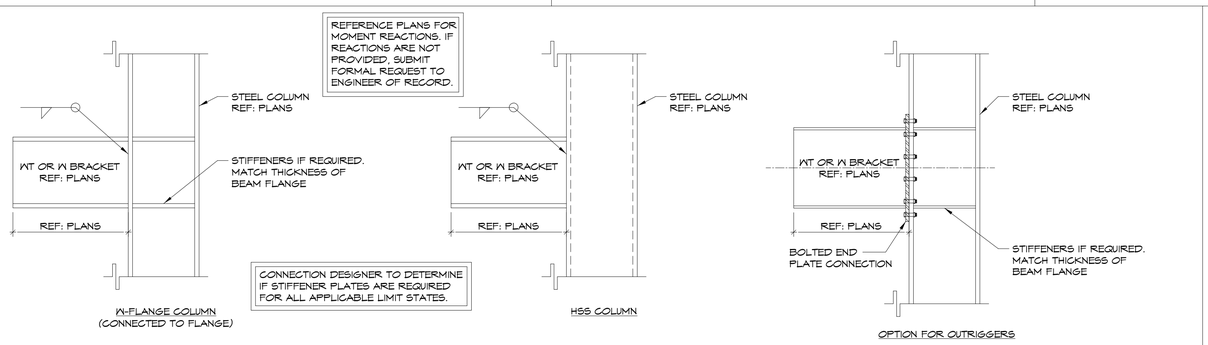
TYPICAL THRU-BEAM MOMENT CONNECTION DETAIL



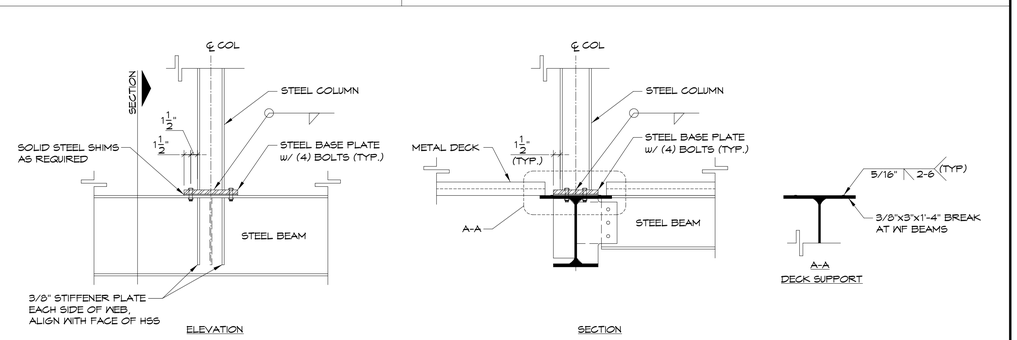
TYPICAL KICKER DETAIL



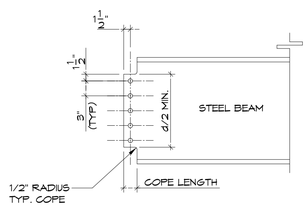
TYPICAL BEAM WEB REINFORCING



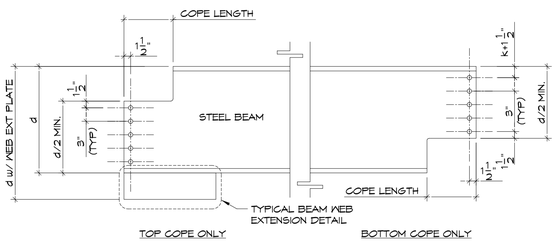
TYPICAL OUTRIGGER/BRACKET AT STEEL COLUMN DETAILS



TYPICAL COLUMN TRANSFER DETAIL



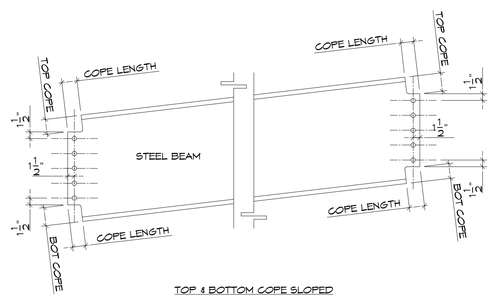
TOP & BOTTOM COPE



TOP COPE ONLY

BOTTOM COPE ONLY

TYPICAL BEAM COPE GEOMETRY



TOP & BOTTOM COPE SLOPED

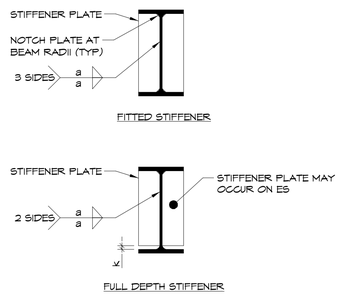


PLATE WELD SCHEDULE	
STIFFENER PLATE THICKNESS	WELD SIZE a (U.N.O.)
3/16"	3/16"
1/4"	3/16"
5/16"	1/4"
3/8"	1/4"
1/2"	5/16"
5/8"	7/16"
3/4"	1/2"
1"	5/8"
1 1/4"	7/8"

NOTES:
1. ACTUAL STIFFENER GEOMETRY VARIES. SEE DETAILS.
2. STIFFENER SURFACES THAT CONTACT BEAM FLANGES SHALL BE FINISHED FOR BEARING.

JT ENGINEERING
Building Solutions
1321 Brunswick Ave, Lawrence, NJ 08648
161 Washington Street, 13th Floor, Suite 1375 Conshohocken, PA 19428
P: 609.303.0236
F: 609.303.0237
www.jt-pe.com

JASON C. TARANTINO
Jason Tarantino
Digitally signed by Jason Tarantino
Date: 2023.12.26 17:26:20 -05'00'
FLORIDA LICENSE: PE 94381

ISSUED FOR PERMIT

REVISIONS:

Mk	DATE:	REMARKS
1	12/08/23	ISSUED FOR PERMIT

PROJECT:
Proposed Building
Okeechobee (Shul)
FL-78 & Access Road
Okeechobee, Florida, 34978

ALL DRAWINGS AND WRITTEN MATERIALS APPEARING HEREIN CONSTITUTE ORIGINAL AND UNPUBLISHED WORK OF THE ENGINEER. THE REPRODUCTION OF THIS DRAWING FOR THE PURPOSE OF COPYING THIS WORK OR REVISING SAID DRAWING SHALL BE CONSIDERED A VIOLATION OF BOTH THE PROFESSIONAL CODE OF ETHICS AND A THEFT OF COMPANY ASSETS, BOTH OF WHICH SHALL BE PROSECUTED TO THE FULLEST EXTENT OF CURRENT STATUTES.

DRAWING TITLE:
STEEL CONNECTION TYPICAL DETAILS

DRAFTED BY: NAR
REVIEWED BY: JCT
PROJECT NUMBER: 2318_05
DRAWING SCALE: AS NOTED
DRAWING NUMBER: S522