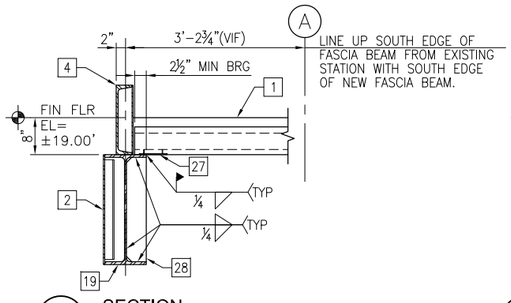
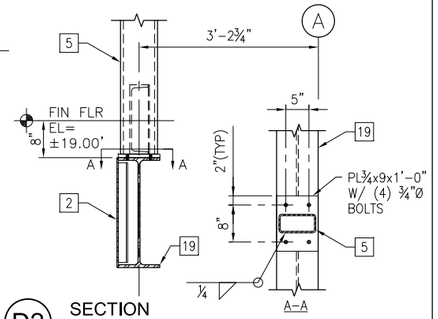
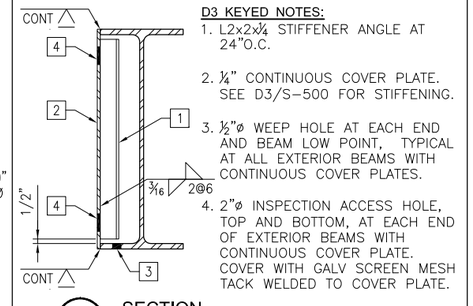


D1 SECTION
3/4" = 1'-0"

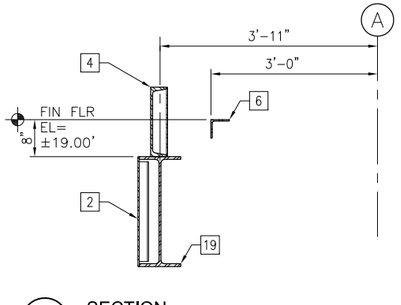


D2 SECTION
3/4" = 1'-0"

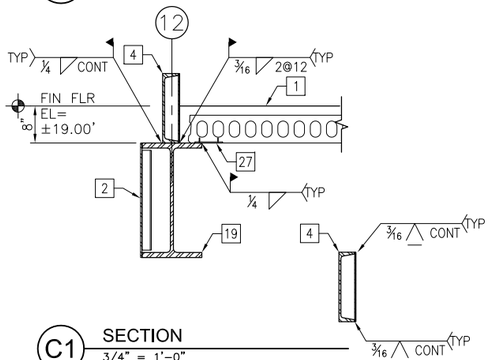


D3 SECTION
1-1/2" = 1'-0"

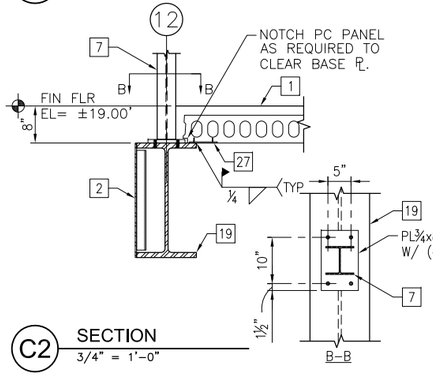
D3 KEYED NOTES:
1. L2x2x¼ STIFFENER ANGLE AT 24"O.C.
2. ¼" CONTINUOUS COVER PLATE. SEE D3/S-500 FOR STIFFENING.
3. ½"ø WEEP HOLE AT EACH END AND BEAM LOW POINT, TYPICAL AT ALL EXTERIOR BEAMS WITH CONTINUOUS COVER PLATES.
4. 2"ø INSPECTION ACCESS HOLE, TOP AND BOTTOM, AT EACH END OF EXTERIOR BEAMS WITH CONTINUOUS COVER PLATE. COVER WITH GALV SCREEN MESH TACK WELDED TO COVER PLATE.



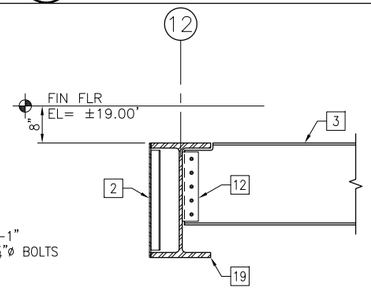
D4 SECTION
3/4" = 1'-0"



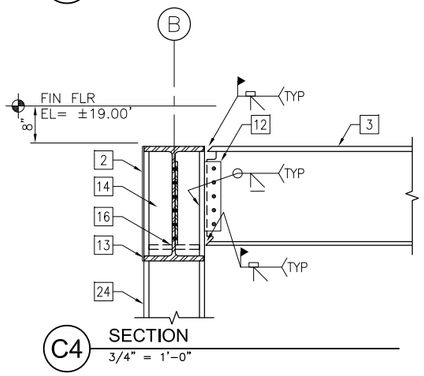
C1 SECTION
3/4" = 1'-0"



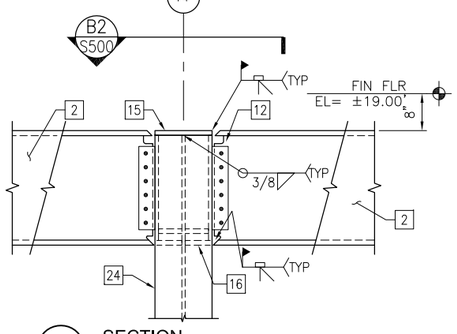
C2 SECTION
3/4" = 1'-0"



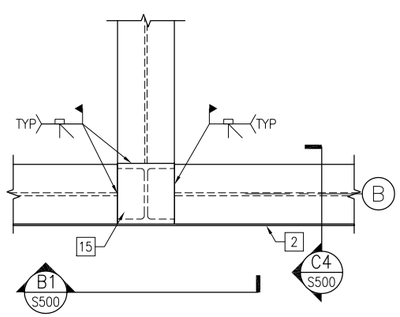
C3 SECTION
3/4" = 1'-0"



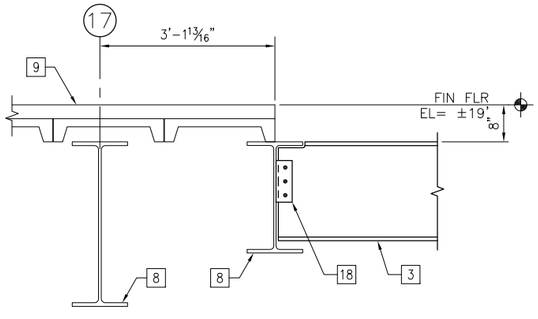
C4 SECTION
3/4" = 1'-0"



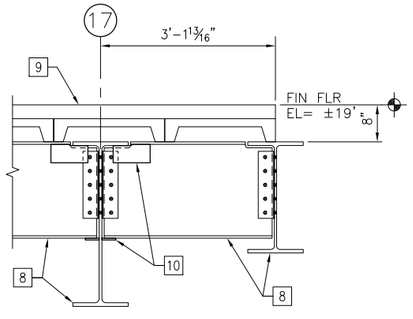
B1 SECTION
3/4" = 1'-0"



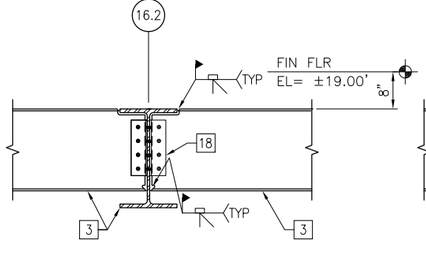
B2 SECTION
3/4" = 1'-0"



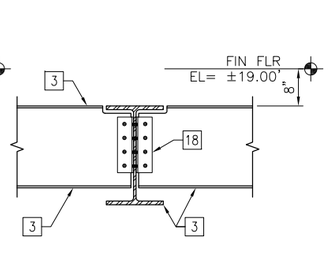
B3 SECTION
3/4" = 1'-0"



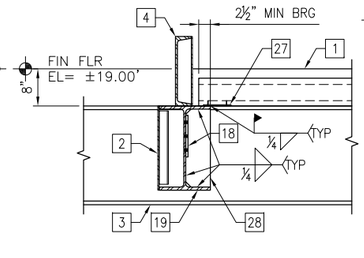
B4 SECTION
3/4" = 1'-0"



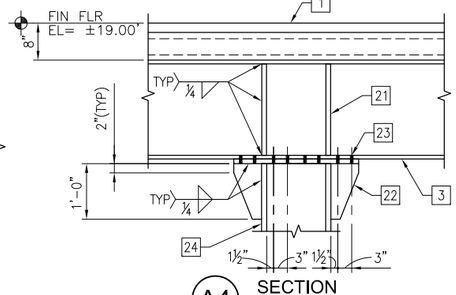
A1 SECTION
3/4" = 1'-0"



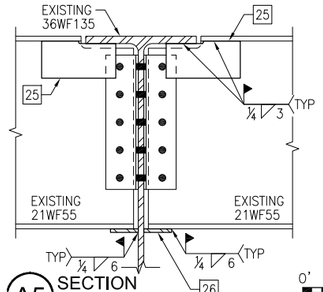
A2 SECTION
3/4" = 1'-0"



A3 SECTION
3/4" = 1'-0"



A4 SECTION
3/4" = 1'-0"



A5 SECTION
1-1/2" = 1'-0"

0' 3" 6" 1' 2'
1½" = 1'-0"

0' 6" 1' 2' 4'
¾" = 1'-0"

SHEET NOTES:
1. ALL EXISTING DIMENSIONS AND ELEVATIONS ARE SHOWN FOR REFERENCE ONLY AND SHALL BE VERIFIED PRIOR TO COMMENCEMENT OF CONSTRUCTION AND/OR FABRICATION OF ANY MEMBERS TO DETERMINE ANY CRITICAL DIMENSIONS THAT MAY BE DEPENDENT ON THE EXISTING STRUCTURE.

KEYED NOTES:
1. 6" HOLLOW-CORE PRECAST CONCRETE PANELS WITH 1" MINIMUM CONCRETE OVERLAY.
2. ¼" CONTINUOUS PLATE. SEE D3/S-500 FOR STIFFENING.
3. STEEL FLOOR FRAMING. SEE PLAN FOR SIZE.
4. M15x33.9, WITH ¼" CONTINUOUS PLATE, BETWEEN VERTICAL ENCLOSURE POSTS. SEE C1/S-500 FOR WELDING.
5. HSS8x4x5/16 VERTICAL ENCLOSURE POSTS. SEE PLAN FOR SPACING.
6. L4x4x5/16 HORIZONTAL BRACING MEMBER FROM ELEVATOR TOWER. SEE S-200.
7. W6X12 VERTICAL CORNER COLUMN FOR ELEVATOR ENCLOSURE.
8. EXISTING STEEL FLOOR FRAMING, SEE PLAN FOR SIZE.
9. EXISTING CONCRETE FLOOR CONSTRUCTION. SEE PLAN FOR EXISTING THICKNESS.
10. REINFORCE EXISTING TOP AND BOTTOM FLANGE CONNECTIONS IN ACCORDANCE WITH A5/S-500.
11. NOT USED.
12. SEE B1/S-600 FOR TYPICAL BEAM TO COLUMN CONNECTION.
13. NOTE BEAM ON GRID B IS OFFSET FROM GRID C TO LINE UP EDGE OF BEAM WITH FACE OF COLUMN.
14. ¾" END PLATE FITTED AND WELDED BETWEEN COLUMN FLANGES.
15. 1" THICK CAP PLATE.
16. 1" THICK INTERNAL WEB STIFFENER, EACH SIDE. WELD TO COL WITH ¼" FILLET, BOTH SIDES OF STIFFENER, ALL AROUND. EXTEND STIFFNER AS BOT COVER PLATE FOR MOMENT CONNECTION.
17. (4) ADD'L ¾"ø BOLTS.
18. SEE C1/S-600 FOR TYPICAL BEAM TO BEAM CONNECTION.
19. TYPICAL FASCIA BEAM.
20. NOT USED
21. 1" STIFFENER PLATE, (2) PER SIDE.
22. 1" STIFFENER PLATE, EACH SIDE.
23. (8) ¾"ø BOLTS, EACH SIDE, (16) TOTAL.
24. W14x159 COLUMN.
25. PL3/8x4 x 0-8, EACH SIDE, (4) TOTAL REQUIRED. COPE PLATE AS REQUIRED TO COMPENSATE FOR DIFFERENCES IN FLANGE THICKNESSES. PLACE PLATES TO ALLOW FOR A MINIMUM ¼" CLEARANCE FROM EXISTING BOLTED CONNECTIONS.
26. PL3/8x3 x 0-7, EACH SIDE, (2) TOTAL REQUIRED.
27. EMBED AND WELDED CONNECTION BY PRECASTER.
28. PL3/8" STIFFNER PLATES AT 24" OC.

TranSystems

USER NAME = MAC	DESIGNED KLT	REVISED A 1/20/2014	
	CHECKED AB	REVISED ---	
PLOT SCALE =	DRAWN MAC	REVISED ---	
PLOT DATE = 10/28/13	CHECKED KLT	REVISED ---	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEORIA STREET STATION
STATION FLOOR SECTIONS AND DETAILS
SHEET NO. S-500 OF 117 SHEETS

MUN	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2090	2013-011R	COOK	356	210
		CONTRACT NO. 60W29		
		ILLINOIS FED. AID PROJECT	FED. AID PROJECT	