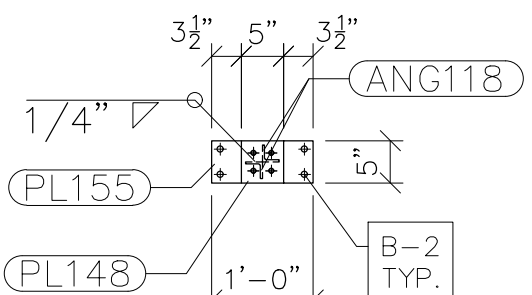
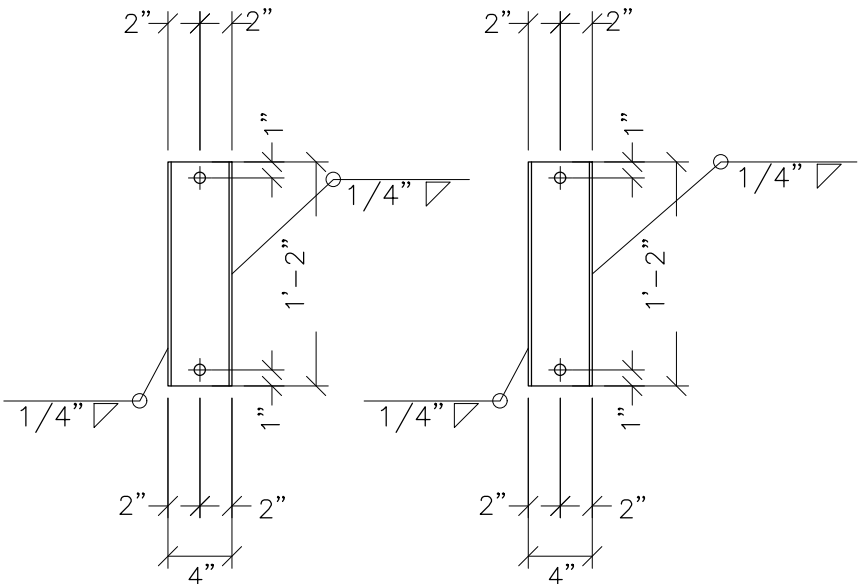


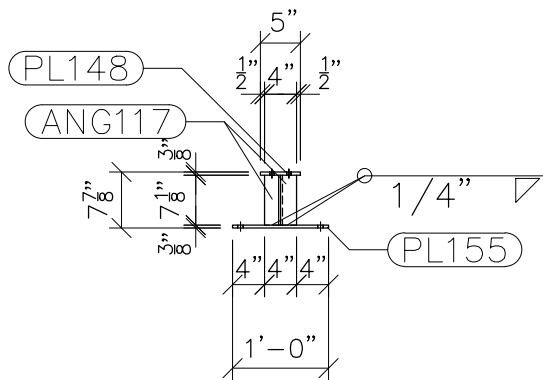
Top View



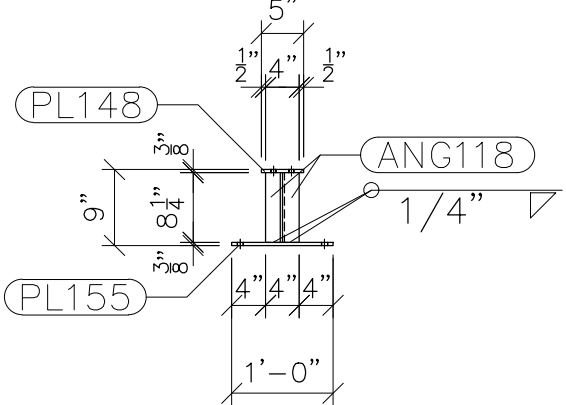
Top View



Back View

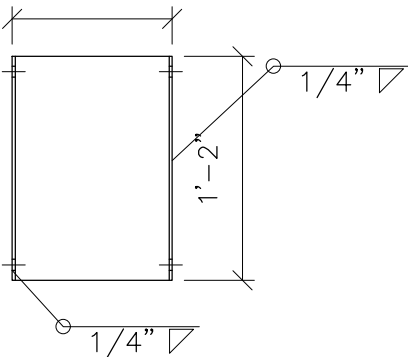


G117 Front View

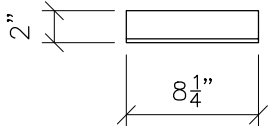


G118 Front View

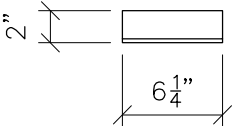
PL191
Front View



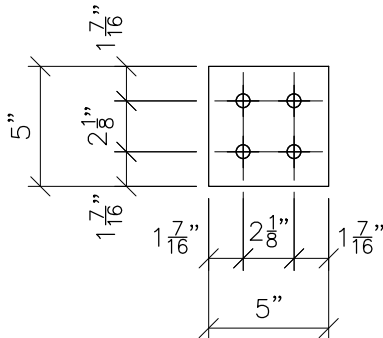
PL190
Side View



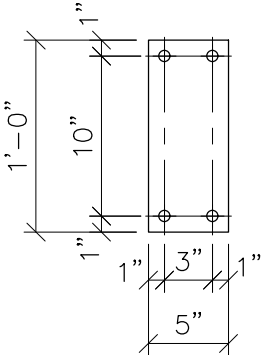
ANG118 Front View



ANG117 Front View



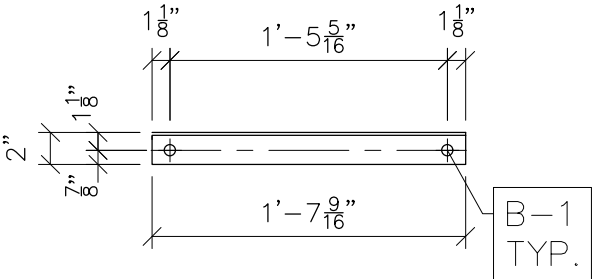
PL148



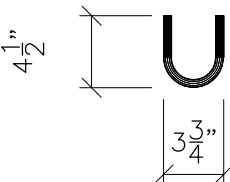
PL155

- NOTES:
- 1) ASTM 325 ERECTION BOLTS
 - 2) ALL HOT DIP GALVANIZED AFTER FABRICATION (ASTM A123)
 - 3) ALL HOLES 11/16" DIA. FOR 5/8" DIA. BOLTS UNLESS NOTED
 - 4) PIECE MARK STAMPED INTO METAL WITH NOT LESS THAN 3/8" HIGH CHARACTERS BEFORE GALVANIZING
 - 5) ALL WELDING ELECTRODES SHALL BE E7021
 - 6) EDGE DISTANCE 1" UNLESS NOTED

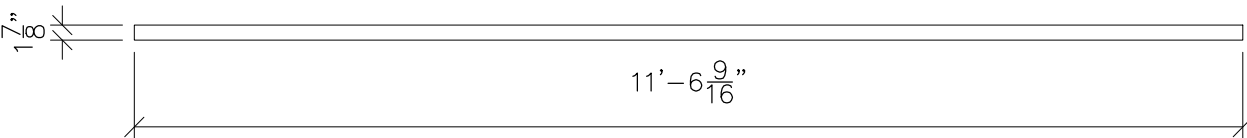
BILL OF MATERIAL				
POS. NO.	QTY	DESC.	LENGTH	WEIGHT
G117	12	FOR ONE G117		
ANG117	2	L2x2x1/4	7 1/8"	3.79
PL148	1	PL 3/8x5	5"	2.66
PL155	1	PL 3/8x5	1'-0"	6.39
BLACK WEIGHT:				12.84 LBS.
GALVANIZED WEIGHT:				0.51 LBS.
TOTAL WEIGHT:				13.35 LBS.
G118	15	FOR ONE G118		
ANG118	2	L2x2x1/4	8 1/4"	4.39
PL148	1	PL 3/8x5	5"	2.66
PL155	1	PL 3/8x5	1'-0"	6.39
BLACK WEIGHT:				13.44 LBS.
GALVANIZED WEIGHT:				0.54 LBS.
TOTAL WEIGHT:				13.98 LBS.
INDIVIDUAL SINGLE PARTS				
ANG116	22	L2x2x3/16	1'-7 9/16"	79.63
P124	12	PIPE1-1/2STD	11'-6 9/16"	314.08
UBT144	24	RB1/2	10 3/8"	11.50
PL190	2	PL 1/4x10	1'-2"	19.88
PL191	2	PL 1/4x4	1'-2"	7.95
BLACK WEIGHT:				433.04 LBS.
GALVANIZED WEIGHT:				17.32 LBS.
TOTAL WEIGHT:				450.36 LBS.



ANG116 Front View



UBT144 Top View



P124 Front View

PRELIMINARY - DO NOT USE FOR CONSTRUCTION	NO.	REVISIONS	DATE	PUBLIC WORKS COMMISSION OF THE CITY OF FAYETTEVILLE FAYETTEVILLE, NORTH CAROLINA		
	0	ISSUED FOR BIDS	08/02/21	BLACK AND DECKER 69 TO 15 X 25kV SUBSTATION LOWSIDE DETAILS		
				Booth & Associates, LLC 5811 Glenwood Avenue Raleigh, NC 27612 CONSULTING ENGINEERS INC F-0221		
				DWN. RLT	DATE 08/02/21	DWG. NO. LS-17 12502_LS
				CKD. MJM	APPD. MJM	
				SCALE: NONE	© 08/21	
© 08/21						