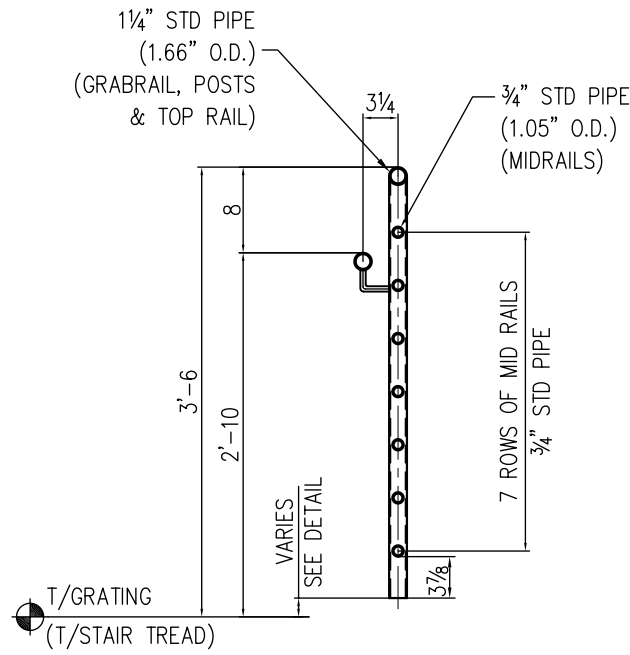
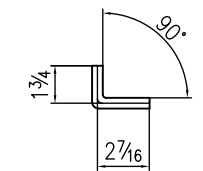


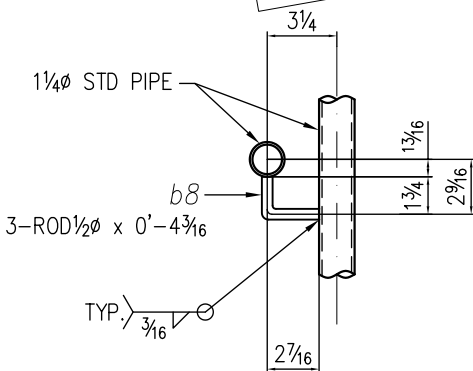
SHOP NOTE:
PROVIDE VENT HLE FOR GALV.



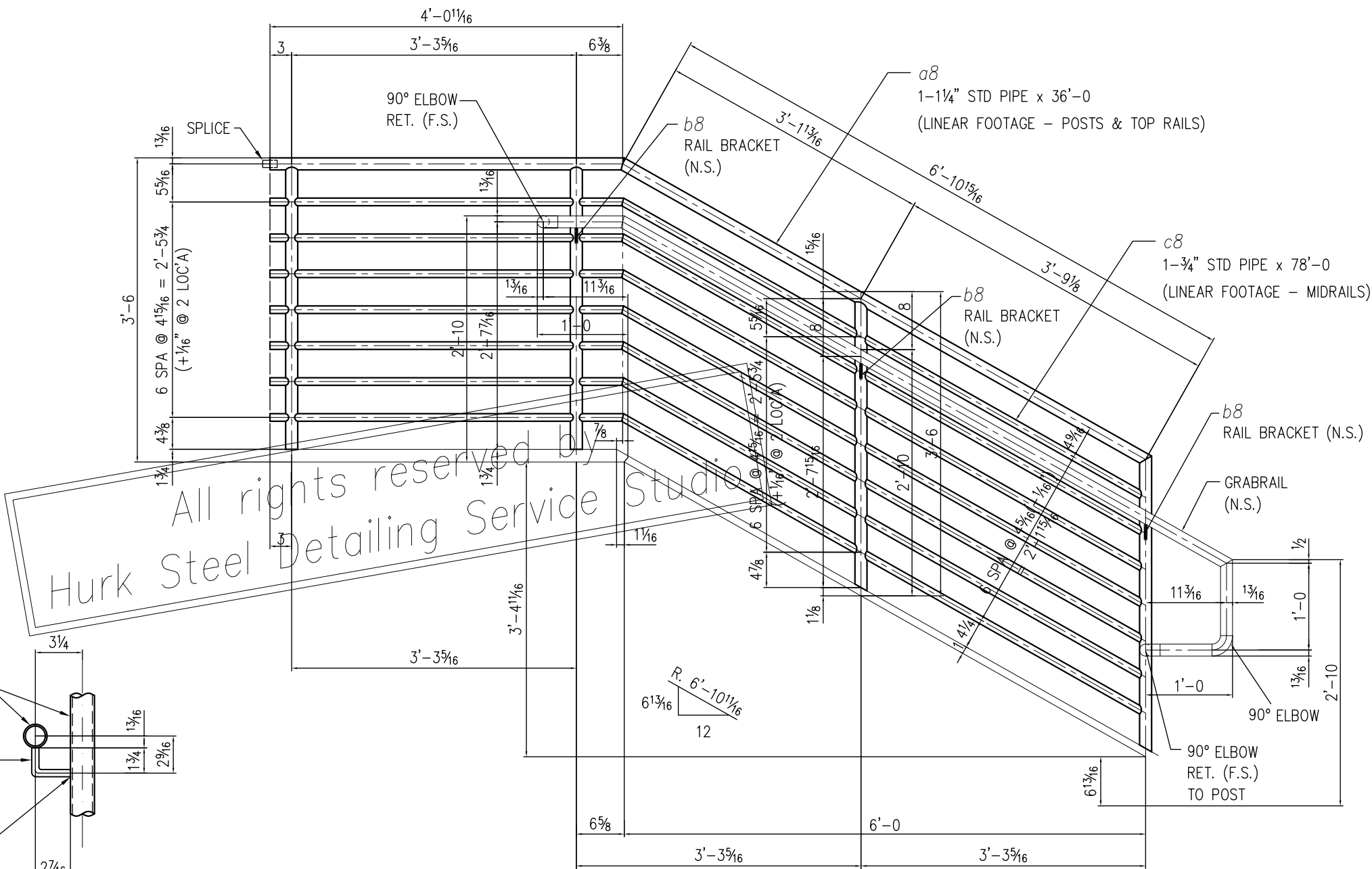
TYP. GUARDRAIL SECTION



DETAIL ~ b8
ROD 1/2" x 0'-4 3/16"



TYP. GRABRAIL BRACKET



ONE ~ GUARDRAIL ~ 8R1 (GALV)

REF: ME1

- NOTE:
- ALL STEEL ARE GALVANIZED U.N.O.
 - ALL WELDING TO BE 3/16" FILLET AROUND WELD U.N.O.
 - GRABRAIL TO BE (N.S.) OF THE GUARDRAIL
 - ALL DIMENSIONS ARE TO PIPE CENTER U.N.O.

SHOP USE ONLY

CUT

FIT

WLD

PNT

QC

MATERIALS (ASTM)
W-SHAPES: A992
PLATE/BAR: A36
ANGLES: A36
CHANNELS: A36
PIPE: A53, Gr. B
HSS: A500, Gr. B
BOLTS: A325N, UNO
WELDING: AWS E70XX

QTY	DESCRIPTION	LENGTH		MARK	REMARKS	WEIGHT
		FT	IN			
ONE	GUARDRAIL			8R1	GALV	
1	1 1/4" STD PIPE	36	0	a8	(LINEAR FOOTAGE)	81.7
3	ROD 1/2"	0	4 3/16	b8	(LINEAR FOOTAGE)	
1	3/4" STD PIPE	78	0	c8	(LINEAR FOOTAGE)	88.1
3	90° ELBOW	-	-	-		-
1	SPLICER	-	-	-		-
	TOTAL WEIGHT					169.80

ISSUE / REV	BY	DATE	DESCRIPTION	PAINT: SHOP PRIMED		STRUCTURE POWER PITTSBURGH-LEVLE 1				
	HK	8/18/21	FOR FABRICATION	MILL THCK:		LOCATION 1325 CHERRINGTON PARKWAY CORAOPOLIS, PA 15108				
	-	-	-	CLEAN: SP2		CUSTOMER				
	-	-	-	AESS: NO						
	-	-	-	NOMMA: NA		DRAWN HK	SHOP ORDER	SHEET NO.	REV	
	-	-	-	OTHER:						
	-	-	-	REF:		CHECKER	-	8		
	-	-	-	-						