



BILL OF MATERIAL								
LINE #	QTY TOTAL	PC MARK	SHOP MARK	DESCRIPTION	LENGTH	WEIGHT UNIT	REMARKS	STEEL GRADE
	3	38S1		STAIR		1636	Galv	
	3		c199	C12x20.7	6' 0 1/16	125		A36
	3		c197	C12x20.7	6' 0 1/16	125		A36
	3		c200	C12x20.7	7' 0 5/8	153		A36
	3		c198	C12x20.7	7' 0 5/8	153		A36
	6		a111	L3x3x1/4	0' 3	2		A36
	6		a229	L2x2x1/4	4' 6	15		A36
	6		a230	L2x2x1/4	0' 10 1/4	3		A36
36			a93	L1 1/2x1 1/2x1/8	0' 9	1		A36
	3		c133	C8x11.5	4' 8	54		A36
	3		c134	C8x11.5	4' 8	54		A36
	3		c192	C6x8.2	4' 11 1/16	41		A36
	3		p175	CP 1/4x56	6' 1 1/4	321	BENT	A36
	3		p239	CP 1/4x25 1/16	4' 8	112	BENT	A36
15			p170	CP 1/4x20 1/2	4' 8	90	BENT	A36
15			p173	PL 1/4x3	0' 3	1		A36
	6		p238	PL 1/4x2 15/16	0' 7 3/16	2		A36
				FIELD BOLTS				
	15			3/4 Dia A325	0' 6		GALV	
								</

- GENERAL NOTES:**
- 1) ALL MATERIAL SHALL BE ASTM A36 U.N.O. TUBE STEEL SHALL BE A500-B AND PIPE SHALL BE A53B U.N.O.
  - 2) ALL WELDING ELECTRODES SHALL BE E70XX U.N.O.
  - 3) DUPLICATION OF PIECEMARKS ALSO INDICATES DUPLICATION OF WELDS
  - 4) ALL STEEL CLEANSING SHALL BE SSPC-SP2(HAND TOOL) OR SSPC-SP3(POWER TOOL) U.N.O.
  - 5) ALL MEMBERS ARE CENTERED ON EACH OTHER (U.N.O.)
  - 6) COPE ALL RE-ENTRANT CORNERS  $1\frac{1}{2}$ " MIN NOTCH FREE
  - 7) HOLES EDGE DISTANCE SHALL BE  $1\frac{1}{2}$ " U.N.O.
  - 8) ALL TAIL DIMENSIONS ARE TO TOP OF BASE PLATE OR SQUARE(UNCUT) END OF BEAM
  - 9) PLACE ALL SHIPPING MARKS ON LEFT END AND TOP OF PIECE AS DETAILED
  - 10) ERECT ALL STEEL WITH SHIPPING MARK IN POSITION SHOWN IN ERECTION PLAN
  - 11) WIDE FLANGE MATERIAL TO BE ASTM A992 (FY=50KSI)

ALL WELDS: E70XX,	U.N.O.	OPEN HOLES ARE: 13/16 Ø <i>U.N.O.</i>
PAINT: GALVANIZED.		CLEANING :

FOR CONSTRUCTION

REV	REVISION DESCRIPTION	REV /BY	DATE	SHOP	DWG'S FOR APRVL: 03-10-21	DETAILED BY: PSJ	<b>GROGAN - HAZEL- STEEL, INC</b> 10547 W LITTLE YORK RD. HOUSTON TEXAS 77041  OFFICE(713)466-7501                      FAX (713) 466-8921	<u>CUSTOMER</u>	ROSENBERGER CONSTRUCTION	PROJECT NO.
0	ISSUED FOR CONSTRUCTION	BMN	09-07-21		DWG'S TO SHOP:	DATE: 02-22-21		<u>PROJECT</u>	TCC SETON LAKES LOGISTICS CENTER	# 4234
					DWG'S TO FIELD:	CHECKED BY: BNB		<u>LOCATION</u>	14611 TOMBALL PKWY HOUSTON, TX 77086	SHEET NO:
						DATE: 02-23-21		<u>ARCH/ENGR</u>	POWERS BROWN ARCHITECTURE	38
										