



BILL OF MATERIAL								
QTY	SNP	MRK	PLCE	MRK	DESCRIPTION	LENGTH	GRADE	WT.
1	1A				CENTER COLUMN	22'-1 1/2"	46 KSI	
1		a1			PIPE 24" x 0.688"		46 KSI	
1		b1			PLATE 2' x 3' - 0"		50 KSI	
3		c1			PIPE 8" STD	1'-0 1/2"	46 KSI	
1		d1			PIPE 10" STD	1'-1 1/2"	46 KSI	
1		e1			PLATE 1 1/2' x 2' - 1"		50 KSI	
8		f1			1" BOLT	0' - 4 1/2"	A325	
2		g1			TUBE 5' x 3' x 0.375"	0' - 2"	46 KSI	
1	1B				CENTER COLUMN	22'-1 1/2"	46 KSI	
1		a1			PIPE 24" x 0.688"		46 KSI	
1		b1			PLATE 2' x 3' - 0"		50 KSI	
4		c1			PIPE 8" STD	1'-0 1/2"	46 KSI	
1		d1			PIPE 10" STD	1'-1 1/2"	46 KSI	
1		e1			PLATE 1 1/2' x 2' - 1"		50 KSI	
8		f1			1" BOLT	0' - 4 1/2"	A325	
2		g1			TUBE 5' x 3' x 0.375"	0' - 2"	46 KSI	
1	1C				CENTER COLUMN	22'-1 1/2"	46 KSI	
1		a1			PIPE 24" x 0.688"		46 KSI	
1		b1			PLATE 2' x 3' - 0"		50 KSI	
2		c1			PIPE 8" STD	1'-0 1/2"	46 KSI	
1		d1			PIPE 10" STD	1'-1 1/2"	46 KSI	
1		e1			PLATE 1 1/2' x 2' - 1"		50 KSI	
8		f1			1" BOLT	0' - 4 1/2"	A325	
2		g1			TUBE 5' x 3' x 0.375"	0' - 2"	46 KSI	
1		h1			PIPE 8" STD	1'-1 1/2"	46 KSI	

HARDWARE		
24	1" NUTS	A325
24	1" HRD'D WASHERS	

- PAINT: AS PER SPEC
 HOLES UND: AS SHOWN
 WELD UND: E90XX
- NOTES:
- USE 1/8" FILLET WELD ALL AROUND U.N.O.
 - WELD 1" BOLTS (f1) TO UNDERSIDE OF PLATE (e1) BEFORE WELDING PLATE (e1) TO PIPE (a1).
 - BRACKETS [] DENOTE TENSYS INFORMATION.

PROJECT:		DRAWN BY:	CHECKED BY:
TITLE:		SCALE:	DATE:
		D	REV No.