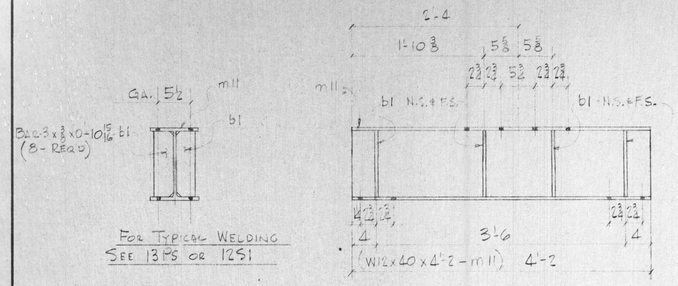
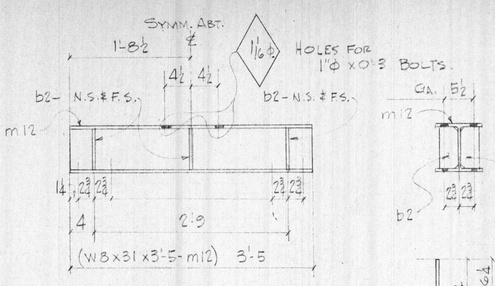


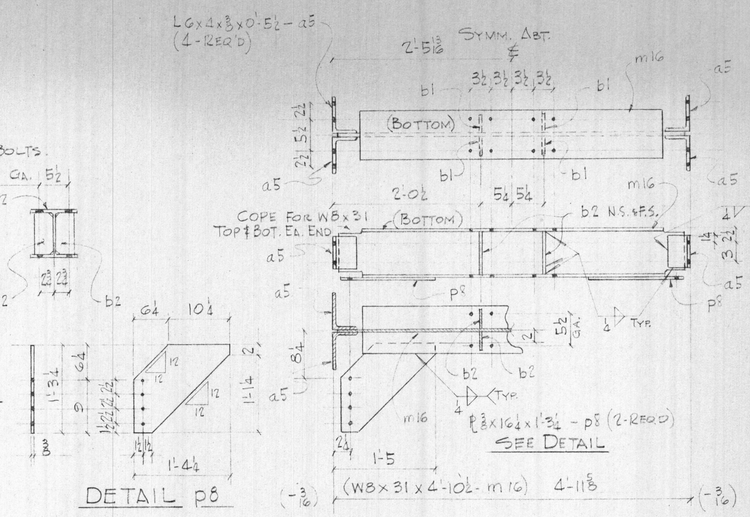
LOWER - SHEAVE SUPPORT BEAM

MAKE 2 MK. 14B1



LOWER - SHEAVE SUPPORT BEAM

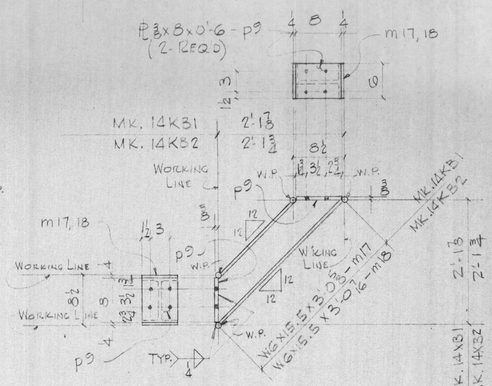
MAKE 2 MK. 14B2



FRAMING BEAM

MAKE 2 — MARK 14FB

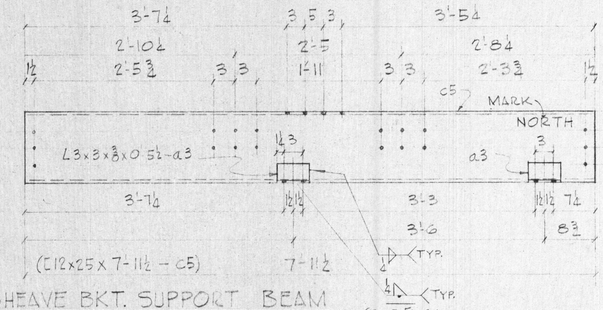
DETAIL p8



KNEE BRACE

MAKE 4 — MK. 14KB1

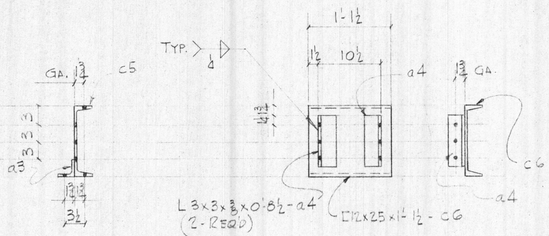
MAKE 4 — MK. 14KB2



UPPER - SHEAVE BKT. SUPPORT BEAM

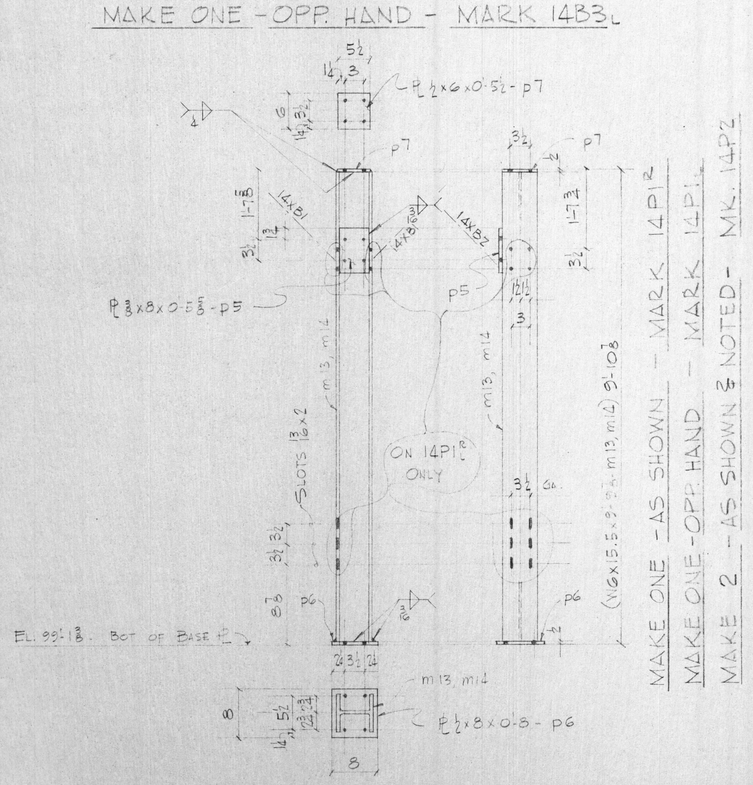
MAKE ONE - AS SHOWN - MARK 14B3R

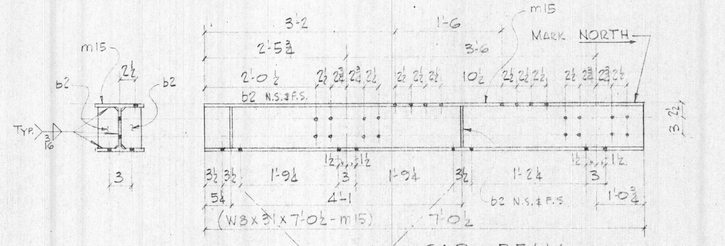
MAKE ONE - OPP. HAND - MARK 14B3L



END BEAM

MAKE 2 - MK. 14EB

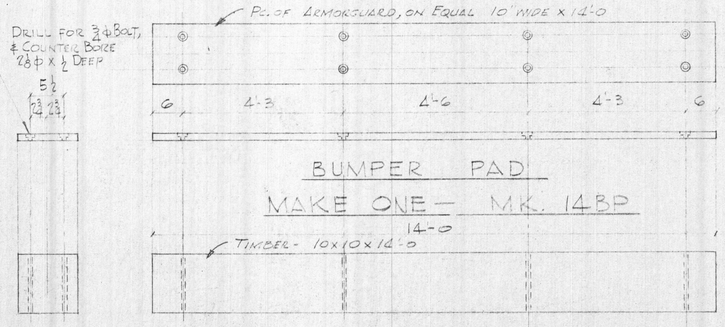




CAP BEAM

MAKE ONE - AS SHOWN - MARK 14CBR

MAKE ONE - OPP. HAND - MARK 14CBL



BUMPER PAD

MAKE ONE — MK. 14BP

BUMPER BLOCK

MAKE ONE — MK. 14BB

BILL OF MATERIAL

No. REQ'D	MARK	ITEM	LENGTH FT.	LENGTH IN.	No. REQ'D	MARK	ITEM	LENGTH FT.	LENGTH IN.
2	12S1	NORTH-SOUTH SILL			4	13BP	BUMPER POST		
2	m1	W12 x 40	20	0	4	m10	W12 x 40	1	7 3/16
4	p1	PL ⅜ x 8	1	4	4	p2	PL 10 x ⅜	1	1
20	b1	BAR 3 x ⅜	0	10 5/16	4	p3	PL 9 x ⅜	1	1
ONE	12S2	GRIZZLY SILL			ONE	13A	LOWER SHEAVE BKT. & STAND ASSY		
ONE	m2	W12 x 40	14	0	2	c1	C12 x 25	1	9
8	b1				2	c2	C6 x 8.2	0	10½
					ONE	p4	PL 22 x 1	1	10
2	12S3	AIR-CYLINDER SILL			2	c3	C12 x 25	1	3
2	m3	W12 x 40	13	4	2	s1	PE. 4⅛ TO 5¾ M.S. SHAFTING	0	2 3/4 ⚠1
2	p1				2	b4	BAR 2½ x ⅜	0	2
16	b1								
					2	14P1L	POST		
2	12S4	TRACT SILL			2	m13	W6 x 15.5	9	9⅞
2	m4	W12 x 40	20	0	2	p5	PL ⅜ x 8	0	5⅝
8	b1				2	p6	PL ½ x 8	0	8
					2	p7	PL ½ x 6	0	5½
13	12T	TRACK TIES							
13	m5	W6 x 15.5 (OR x 20.0)	5	0	2	14P2L	POST		
					2	m14	W6 x 15.5	9	9⅞
2	13PS	POST SILL			2	p5			
2	m6	W12 x 40	13	8	2	p6			
8	b1				2	p7			
3	13SB1	STRINGER BRACE			2	14CBR	CAP BEAM		
3	m7	W12 x 27	3	4⅝	2	m15	W8 x 31	7	0½
12	a1	L4 x 3 x ⅜	0	8½	8	b2			
ONE	13SB2	STRINGER BRACE			2	14FB	FRAMING BEAM		
ONE	m8	W12 x 27	3	1⅜	2	m16	W8 x 31	4	10½
4	a1				8	a5	L6 x 4 x ⅜	0	5½
					6	b2			
9	13GB	GRIZZLY BAR			4	p8	PL ⅜ x 16¼	1	3¼
9	m1	70# RAIL	6	6½					
9	bx	A.R. BAR 4 x 2	6	6½	4	14KB1	KNEE BRACE		
					4	m17	W6 x 15.5	3	0 5/8
2	13CSL	CYLINDER SUPPORT			8	p9	PL ⅜ x 8	0	6
4	m9	W8 x 31	4	2					
8	b2	BAR 3 x ⅜	0	7 16	4	14KB2	KNEE BRACE		
4	b3	BAR 2½ x ⅜	0	8 ⚠1	4	m18	W6 x 15.5	3	0 7/16
					8	p9			
2	14B1	LOWER SHEAVE SUPP. BEAM							
2	m11	W12 x 40	4	2	2	14EB	END BEAM		
16	b1				2	c6	C12 x 25	1	1½
					4	a4	L 3 x 3 x ⅜	0	8½
2	14B2	LOWER SHEAVE SUPP. BEAM							
2	m12	W8 x 31	3	5					
12	b2								
2	14B3L	UPPER SHEAVE SUPP. BEAM							
2	c5	C12 x 25	7	11½					
4	a3	L 3 x 3 x ⅜	0	5½					

GENERAL NOTES -

SEE DWG. 51-4-112

REFERENCE DWG. NO.	TITLE
51-4-112	STL. DETAILS
51-4-113	"
51-4-115	ERECTION DWG. & DUMPING TRACE
51-4-116	GEN. ARRANGEMENT

REVISIONS NO.	DATE	DESCRIPTION	BY	CHKD.
⚠1	6-28-78	CHANGED 2 ITEMS BILL OF MATERIAL	JG	

MAGMA COPPER COMPANY
SUPERIOR DIVISION
ENGINEERING DEPT. SUPERIOR ARIZONA
DRAWN BY JG DATE 5-9-78
CHECKED BY DATE
APPROVED SCALE

STD. UNDERGROUND CAR DUMP FOR 115 CU. FT. TELLURIDE CAR STEEL DETAILS

DRAWING NO. 51-4-114 ⚠1

ACCT NO.

ADMMR 0073-009