318 F 992 8

JEFFREY (DRESSER)

Jeffrey Manufacturing Division
Dresser Industries, Inc.
Columbus, Ohio 43216 U.S.A.

DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

DIMENSION TOLERANCES UNLESS OTHERWISE SPECIFIED
KEYWAY TOLERANCES

MACHINE WORK

BASIC DIMENSIONS	FRACTIONAL	DECIMAL
UP TO 12	±1/64	±.005
OVER 12 TO 24	±1/32	±.005
OVER 24	±1/16	±.010

STRUCTURAL WORK

DO NOT SCALE DRAWING
WORK TO DIMENSIONS

DRAWN D.E. ROEPCKE 10/23/78
CHECKED
APPROVED E. 2509.78

TITLE
FRAME DETAILS
2 13/16 ϕ SHAFT
15° INCLINE
CATENARY BAR SCREEN

FOR VICON CONSTRUCTION
ARMORY PUMP STATION

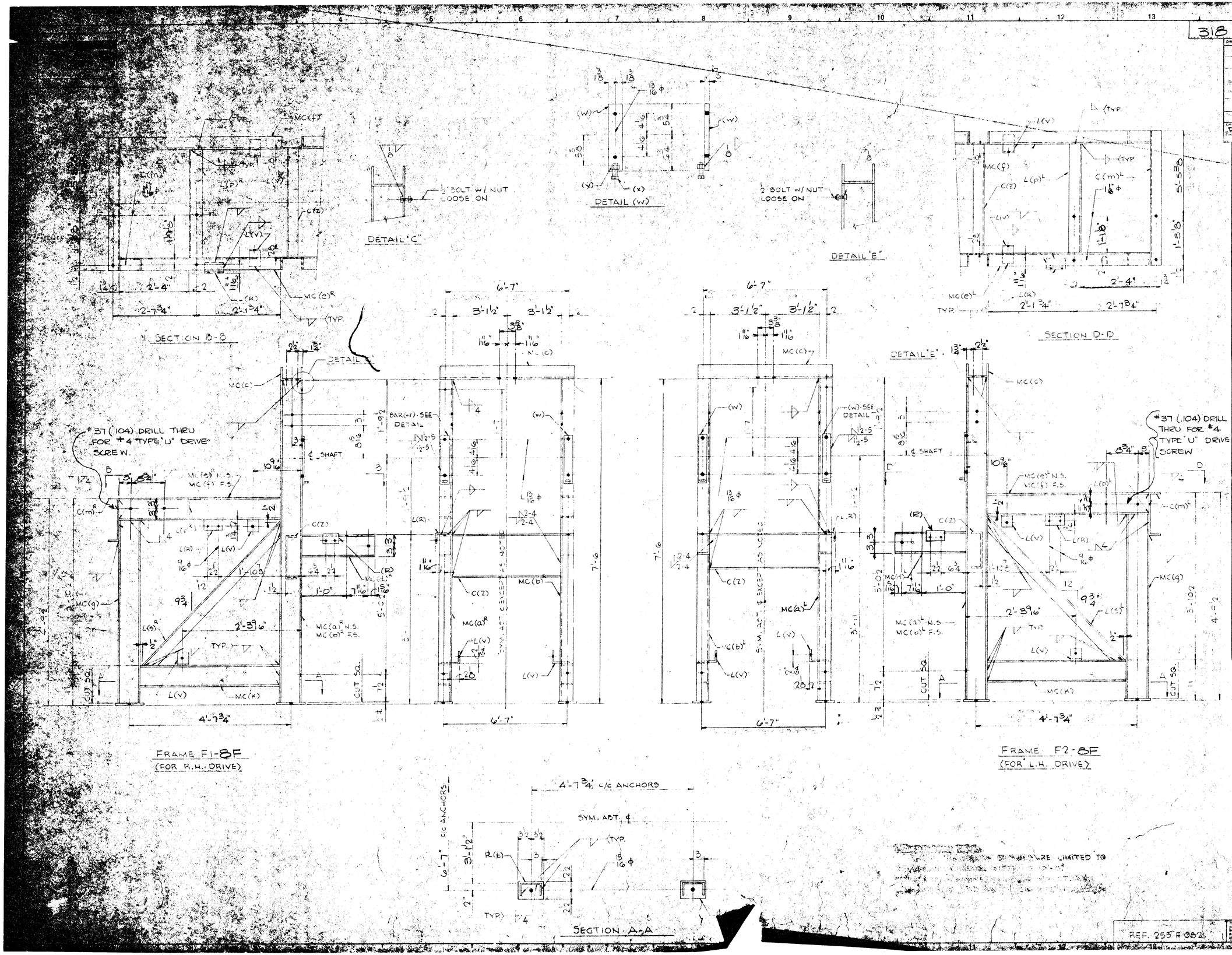
SHAFT SPECIFIED BY E800381

PAINT LOCATION

SCALE 1/2

CHANGE NO.

Schweitzer



MATERIAL LIST

QUAN.	DESCRIPTION	LENGTH FT.	IN.	FIN. MK.	SHIPPING MARK	MATL.	WEIGHT
1	FRAME				F1-8F		
1	MC 6 x 15.3	7	5 1/2	a R			107
1	MC 6 x 15.3	7	5 1/2	b R			107
1	MC 6 x 15.3	6	10	c			102
1	MC 6 x 15.3	1	9	d R			29
1		1	9	d L			29
1	MC 6 x 15.3	4	7 3/4	e R			73
1	MC 6 x 15.3	4	7 3/4	f			73
2	MC 6 x 15.3	4	3	g			130
2	MC 6 x 15.3	4	1 3/4	K			122
1	C12 x 20.7	6	10	m R			141
1	L5 x 3 1/2 x 3/8	6	3	p R			66
2	L3 x 3 x 1/4	0	4 1/2	R			3
2	L3 x 3 x 3/8	5	3 7/16	S R			75
4	PL 1/2 x 5	0	7	t			20
1	1/2-13 x 1 1/4 LG. HEX. HD. BOLT (10098)					ZN PLTD	
1	1/2-13 HEX. NUT (63099)					" "	
4	L5 x 3 1/2 x 3/8	0	3	V			10
2	BAR 2 1/2 x 7/8	1	0 1/2	W			17
2	3/4-10 x 1 1/2 LG. SQ. HD. OVAL PT. S.S.			X			
2	3/4-10 HEAVY HEX NUT (22078)			Y		ZN PLTD	
1	C12 x 20.7	6	3	Z			129
1	FRAME				F2-8F		
1	MC 6 x 15.3	7	5 1/2	a L			107
1	MC 6 x 15.3	7	5 1/2	b L			107
1	MC 6 x 15.3	6	10	c			102
1	MC 6 x 15.3	1	9	d R			29
1		1	9	d L			29
1	MC 6 x 15.3	4	7 3/4	e L			73
1	MC 6 x 15.3	4	7 3/4	f			73
2	MC 6 x 15.3	4	3	g			130
2	MC 6 x 15.3	4	1 3/4	K			122
1	C12 x 20.7	6	10	m L			141
1	L5 x 3 1/2 x 3/8	6	3	p L			66
2	L3 x 3 x 1/4	0	4 1/2	R			3
2	L3 x 3 x 3/8	5	3 7/16	S L			75
4	PL 1/2 x 5	0	7	t			20
1	1/2 x 14 LG. HEX. HD. BOLT (10098)					ZN PLTD	
1	1/2-13 HEX. NUT (63099)						
4	L5 x 3 1/2 x 3/8	0	3	V			10
2	BAR 2 1/2 x 7/8	1	0 1/2	W			17
2	3/4-10 x 1 1/2 LG. SQ. HD OVAL PT. S.S.			x			
2	3/4-10 HEAVY HEX. NUT (22078)			Y			
1	C12 x 20.7	6	3	Z			129
4	NAME PLATE CAT # 250929						
8	#4-4 "U" TYPE DRIVE SCREW						

TOTAL WT. THIS SHEET = 2494#

SHOP NOTES:
11/16 ϕ HLS. 1" EDGE DIST. UNLESS NOTED.
ALL WELDS 3/16".

PAINT:
FRAMES TO BE BRUSH OFF BLAST CLEANED SSPC-SP-7 & GIVEN ONE SHOP COAT OF KOPPERS INERTOL ALKYD PRIMER #804 TO 15 MILS DRY FILM THICKNESS.

ENGINEERED SYSTEMS

REF. 255 F 082

318 F 992