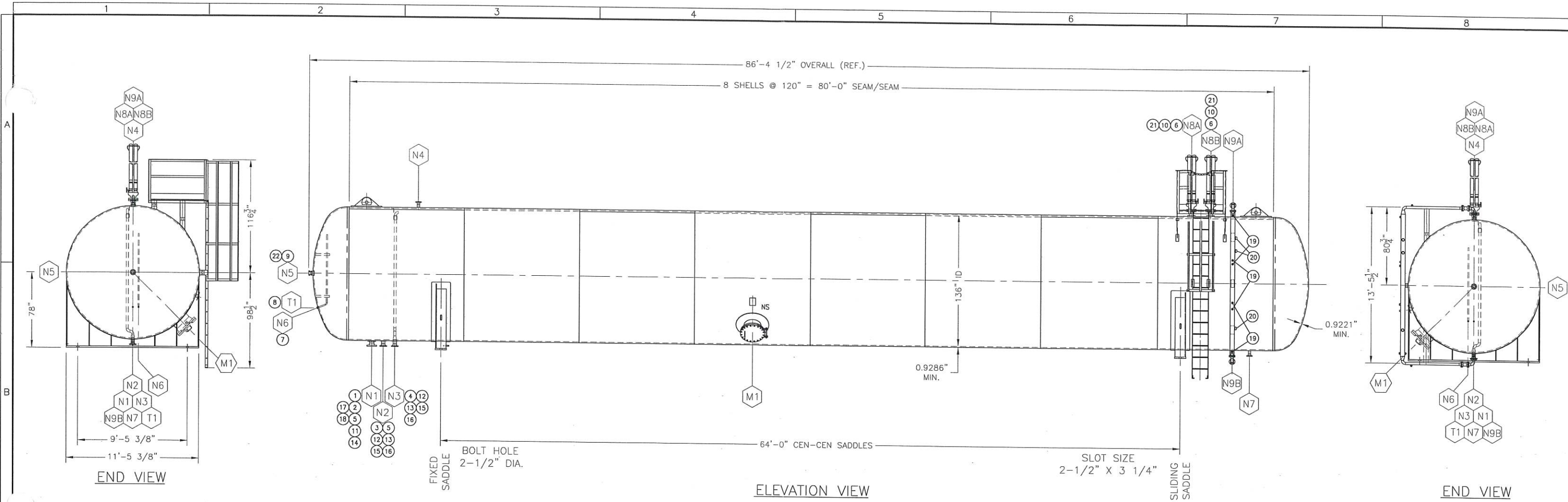




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Jul 8 2010

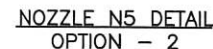
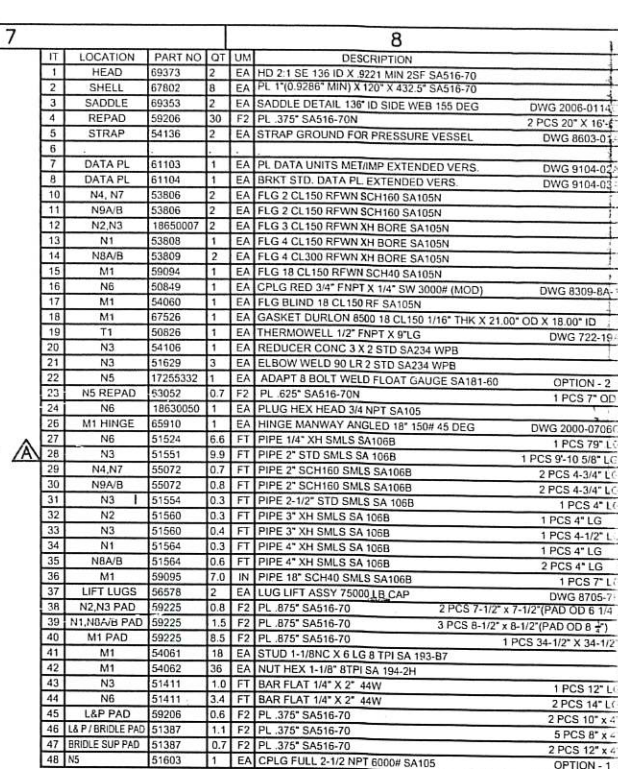
PAINT TYPE: CLOVERDALE DTM POLYURETHANE 835 ENAMEL WHITE
VESSEL: WHITE
BRIDGE: WHITE
LADDER CAGE & HANDRAIL: SAFETY YELLOW

NOZZLE MK #	SERVICE	NO REQD	SIZE	RATING	TYPE	BORE	EXTER. PROJ.
N1	LIQUID OUT	1	4"	150#	RFWN	XH	6"
N2	LIQUID IN	1	3"	150#	RFWN	XH	6"
N3	VAPOUR w/ RISER	1	3"	150#	RFWN	XH	6"
N4	PURGE	1	2"	150#	RFWN	SCH160	6"
N5	FLOAT GAUGE	1	FLOAT GAUGE ADAPTOR				2-1/2"
N6	PRESSURE GAUGE AND 85% OUTAGE	1	3/4" x 1/4"	3000#	RED. CPLG		3/4"
N7	LIQUID	1	2"	150#	RFWN	SCH160	6"
N8A/B	PSV	2	4"	300#	RFWN	XH	6"
N9A/B	BRIDGE	2	2"	150#	RFWN	SCH160	6"
T1	THERMOWELL	1	1/2"	DWG 722-19A			2 1/2"
M1	MANWAY w/BLIND	1	18"	150#	RFWN	SCH 40	10"

22	N5	INTO JOB	1	EA	ADAPT 8 BOLT THREADED FLOAT GAUGE SA181-60	0022-00029
21	PSV	67533	2	EA	GASKET DURLON 8500 4" RF CL300 1/16" THK	
20	BRIDGE	60282	3	EA	SWITCH LEVEL SIDE MT/ELEC/2"NPT	
19	BRIDGE	55158	3	EA	GA SITE 50-1/2 C/C W/#305 COCKS	
18	LIQUID OUT	17110008	16	EA	NUT HEX 3/4NC SA194-2H	
17	LIQUID OUT	51724	8	EA	STUD 3/4NC X 4 1/2" LG SA193-B7	
16	VAPOUR/LIQ. IN	51710	64	EA	NUT HEX 5/8NC SA194-2H	
15	VAPOUR/LIQ. IN	51721	32	EA	STUD 5/8NC X 4" LG SA193-B7	
14	LIQUID OUT	67527	1	EA	GASKET DURLON 8500 4" RF CL150 1/16" THK	
13	VAPOUR/LIQ. IN	66809	2	EA	GASKET DURLON 8500 3" RF CL150 1/16" THK	
12	VAPOUR/LIQ. IN	52029	2	EA	FLANGE RED 3 CL150 X 2 NPT SA105	
11	LIQUID OUT	53811	1	EA	FLANGE RED 4 CL150 X 3 NPT SA105	
10	PSV	57983	8	EA	STACK RELIEF VALVE LPG	DWG 8803-31B
9	VESSEL HEAD	69446	1	EA	GA FLOAT MAST VIS F/136 8 BOLT FOR LPG/NH3 ROCHESTER C6342-00011-136	
8	VESSEL HEAD	16990142	1	EA	THERMOMETER 6"STEM STEEL J701	
7	VESSEL HEAD	51116	1	EA	VALVE GAUGE 3/4 MNPT PRESSURE INDICATOR C/W BLOCK & BLEED REGO	A2805C
6	PRV	65133	2	EA	VALVE RLF MAN 4 FLG LP REGO A8574-AG 250 PSI	A8574-AG
5	VAP./LIQ. IN/OUT	18100020	3	EA	VALVE ANGLE 2PT LPG/NH3 DCTL IRON	A7514AP
4	VAPOUR	67697	1	EA	VALVE EXC FLO 2"MX2"MX1-1/4"F 150 GPM	A7537P4F
3	LIQUID IN	67696	1	EA	VALVE BACK CHECK 2"M X 2"M X 1-1/4"F X 1-1/4"F	A3187S
2	LIQUID OUT	16901377	1	EA	CTRL CABLE ASSY 20' P650	3200C/L
1	LIQUID OUT	67892	1	EA	VALVE ISC DUC IRON 3" THREADED 400 GPM REGO	A3213A400
ITEM	LOCATION	PART NO	QTY	UM	DESCRIPTION	

4	69385	2006-0121D	BULKHEAD STD C/W SKID
3	69358	2006-0115D	LADDER & PLATFORM DETAIL F/136" ID. STORAGE TANK
2	69359	2006-0116C	2" BRIDGE W/4" BODY F/136" ID. STORAGE TANK (CL150 FLANGES)
1	69503	MA2006-0202D	TANK STORAGE 63,000 USWG - 136" ID. LPG STORAGE TANK TAG V-107
ITEM	PART NO	DWG NO	DESCRIPTION

				THIS DRAWING IS CONFIDENTIAL IN NATURE AND IS THE EXCLUSIVE PROPERTY OF MAXFIELD INC., CROSSFIELD ALBERTA. IT MAY NOT BE REPRODUCED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF MAXFIELD INC.			
				EAGLESHAM GAS PLANT LSD: 01-25-75-01 W6M			
				GENERAL ARRANGEMENT TAG V-107 LPG STORAGE TANK 63,000 USWG - 136" ID. GALLON ENERGY LTD. / BDR ENGINEERING LTD.			
				JOB: MA2006-0201D DRAWING No. 0 SHEET 1 OF 1			
				THIRD ANGLE PROJECTION SCALE: 1:50 P/N: 16461714			
				TOLERANCES UNLESS NOTED X.X ±0.100 ±0.5" ±1/16 IF <10'-0" X.XX ±0.010 ±1/32 IF >10'-0" X.XXX ±0.005			
				REV NO. DRWN DATE CHECKED BY APPROVED BY DESCRIPTION			
				O JC 06.03.21 KH ORIGINATED FROM DWG 2006-0201D REV B.			

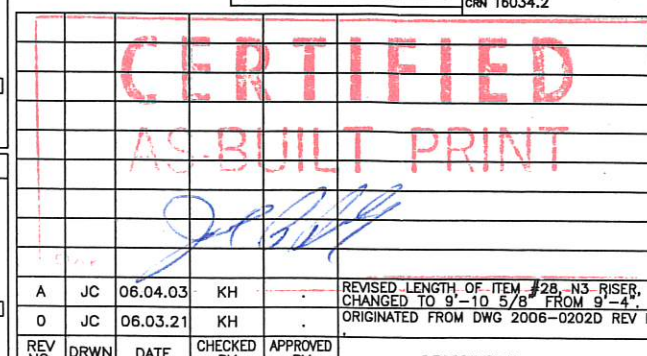
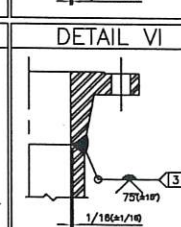
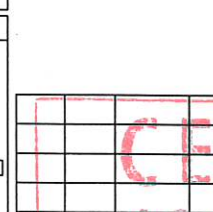


- 1) BOLT HOLES TO STRADDLE NATURAL CENTRE LINE, EXCEPT AS NOTED.
- 2) FLANGE GASKET SURFACES TO BE PROTECTED FROM WELD SPLATTER.
- 3) ALL INSIDE CONNECTIONS TO BE ROUNDED TO 1/8" RADIUS MIN.
- 4) FOR VESSEL PADS, 1/4" DIA. WELD HOE REDD, 3/4" FROM EDGE AT LOWEST POINT OF PAD.
- 5) SERVIVAL BOLTS & GASKETS NOT TO BE USED FOR HYDROTESTING.
- 6) AFTER FINAL HYDROTEST, VESSEL TO BE COMPLETELY DRAINED & DRIED PRIOR TO COVERING AND PROTECTING ALL OPENINGS.
- 7) ALL TO BE EQUIPPED WITH SERVIVAL BULBS, GASKETS & BOLTING IN PLACE.
- 8) NO EXPOSED OPENINGS ALLOWED WHILE IN SERVICE OR TRANSPORT. ALL FLANGE FACES TO BE PROTECTED, FIT STEEL PLUGS IN THREADED CONNECTIONS AS REQUIRED.
- 9) ALL INTERNAL NOZZLE PROJECTIONS, SHALL BE MEASURED ALONG SHORTEST SIDE UNLESS OTHERWISE SPECIFIED.
- 10) CONTOUR PADS TO HAVE "1" RADII ON CORNERS.
- 11) CONTOUR PADS TO BE WELDED TO TANK PRIOR TO WELDING OF SADDLE, (FOR EASE OF MANUFACTURING).
- 12) TACK WELDING USE PROCEDURE WPS 609.2-5-170.
- 13) AT ROLLING, MARK REFERENCE LINE ON 2 END CANS 2" FROM EDGE.
- 14) ACCEPTABLE MATERIAL SUBSTITUTIONS:
 - SA333 GR6 FOR SA106B
 - SA350-LF2 FOR SA105
- 15) ALL OTHER SUBSTITUTIONS SHALL BE APPROVED BY ENGINEERING.
- 16) ALL EXTERNAL NOZZLE PROJECTIONS TO BE MEASURED FROM FLANGE/CPLG FACE TO OUTSIDE VESSEL WALL ALONG NATURAL CENTRE LINE.
- 18) USE OPTION - 1 FOR NOZZLE NS FLAT GAUGE (ITEM #48).

- 1) IMPACT TESTING EXEMPT AS PER UG20(f) (1) TO (5).
- 2) USE OF SPLIT REPADS REQUIRE ENGINEERING AND ABSA APPROVAL

DESIGN DATA – ENGLISH (METRIC) UNITS			
ASME SEC. VIII DIV 1, 2004 EDITION, 2005 ADDENDA		SYMBOL UW12 (a) & (d)	
DESIGN INT: 250psia (1724kPa)	EXT: N/APsi() N/(kPa)	DIAMETER	136" (3454mm)
MAWP INT: 250psia (1724kPa)	EXT: N/APsi() N/(kPa)	LENGTH O/A	86'-4 1/2" (26327mm)
DESIGN TEMP. – INT & EXT: 115°F (46°C) & N/A°F/N/A°C		CAPACITY:	8485ft ³ (3) (240.3m ³)
MDMT: -20°F () 1724psia () 1724kPa		SURFACE AREA:	3185ft ² () 296m ² ()
		HEAD TYPE: 2:1 SE	
XRAY SHELL LONG: FULL	CIRC: UW-11(a)(5)(b)	HEAD MATERIAL: SA516-70	
XRAY HEAD LONG: FULL	CIRC: UW-11(a)(5)(b)	HEAD THICKNESS: 0.9221"MIN()	23.42mm
JOINT EFF. SHELL LONG: 0.7	CIRC: 0.7	HEAD CORROSION ALLOWANCE: 0.0625"	1.6mm
JOINT EFF. HEAD LONG: 1.00	CIRC: 1.00		
STRESS RELIEVED: NO		SHELL MATERIAL: SA516-70	
HYDRO TEST NEW & COLD:	325psia() 2240kPa()	SHELL THICKNESS: 0.9286"	23.59mm
LIMITED BY: SHELL		SHELL CORROSION ALLOWANCE: 0.0625"	1.6mm
EST. SHIPPING WEIGHT: 133,470lb() 60,541kg()		STUDS: SA193-B7	
EST. HYDRO TEST WEIGHT: 684,300lb() 310,393kg()		NUTS: SA 194-2H	
SANDBLAST: SSPC-SP6		MM GASKETS: DURLON 8500 1/16" THK	
PRIMER: N/A		FLANGES: SA105N	PIPE: SA106B
PAINT: CLOVERDALE DTM POLYURETHANE 835 ENAMEL WHITE		SUPPORT MTL: SA516-70	
INSULATION: N/A		REINFORCING MTL: SA516-70	
CRN 18034.2		REG DRAWING 006-0202D	

 IW 2 W	CERTIFIED BY  Moffield Inc.	
	CROSSFIELD, CANADA	
	MAWP 250 PSIG AT 115 °F 3724 KPSIG/AT 48 °C	CAT 1
	MIDWT 250 °F AT 250 PSIG 39 "CAT 1724 KPS	BUILD 1
SER. NO. 103042		
C.G.N. 103042		
\$3,000 USWIS LPS STORAGE TANK		
VESSEL 116 in LG 14 1/2 ft (4.352 m) SHL 0.928 in (23.59 mm)SA 5A15676 H/D 0.921 in (23.42 mm)SA 5A15676	C.A. 0.978 in (24.91 mm) VOL 585 CU FT (16.47 m³)	BUILD 1

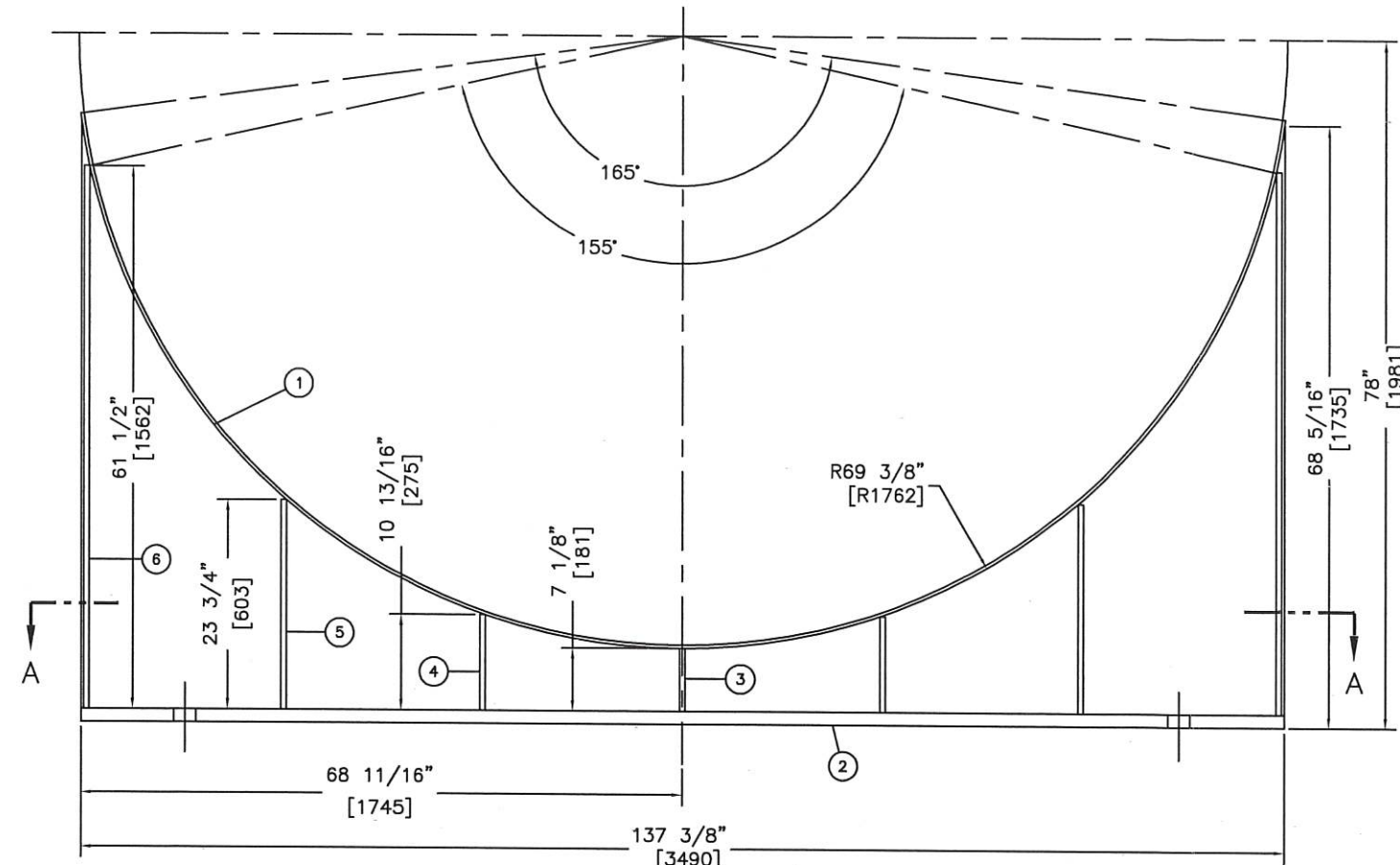


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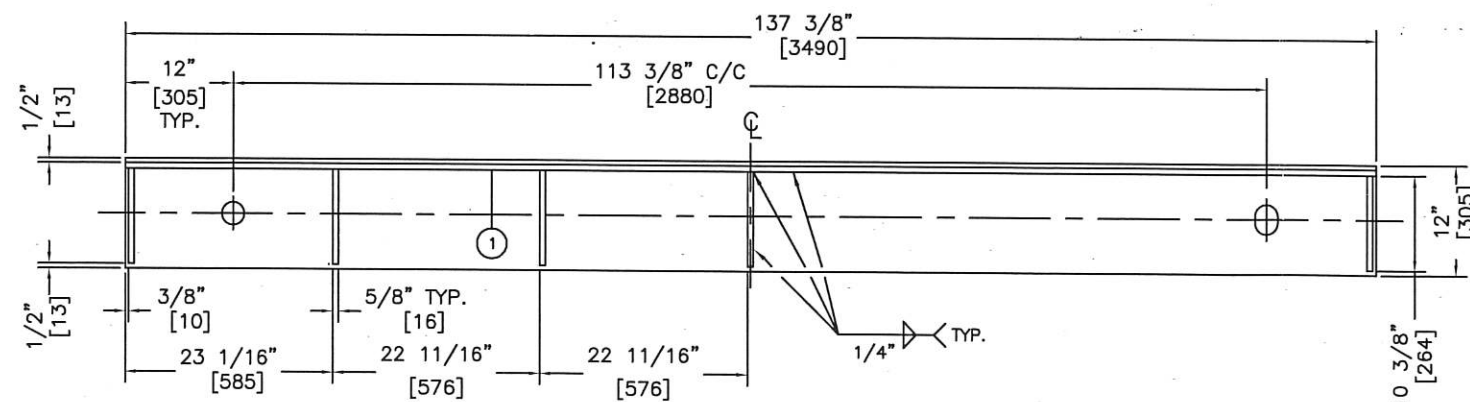
EAGLESHAM GAS PLANT
LSD: 01-25-75-01 W6M

TAG V-107 LPG STORAGE TANK
63,000 USWG - 136" ID.
GALLEON ENERGY LTD. / BDR ENGINEERING LTD.

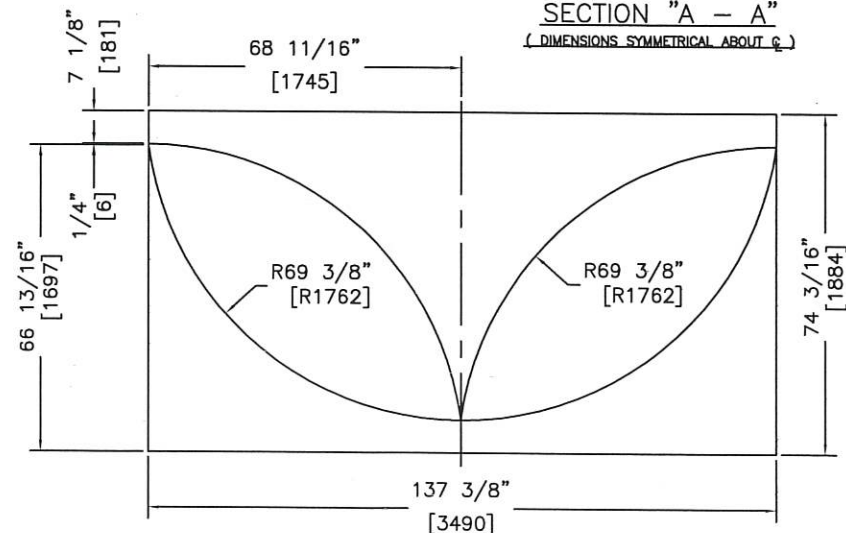
THIRD ANGLE PROJECTION	SEE DRAWING 2002-0707D FOR APPLICABLE TOLERANCES UNLESS OTHERWISE STATED	JOB:	DRAWING No.	REV
			MA2006-0202D	



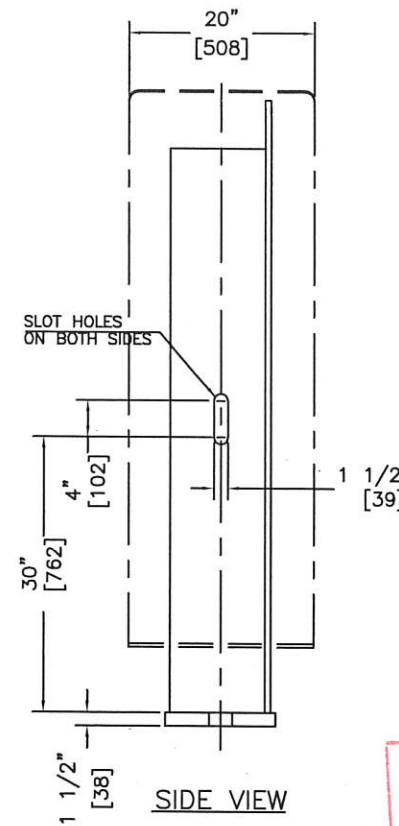
FRONT VIEW



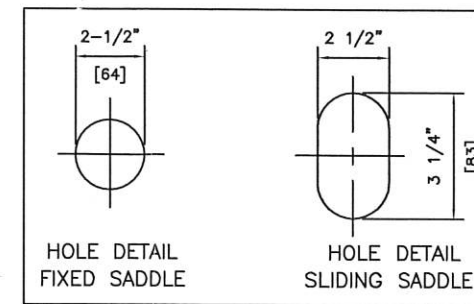
SECTION "A - A"
(DIMENSIONS SYMMETRICAL ABOUT C)



WEB CUTTING DETAIL
SCALE: 1/2" = 1'-0"



SIDE VIEW



DETAIL - "B"
N.T.S.

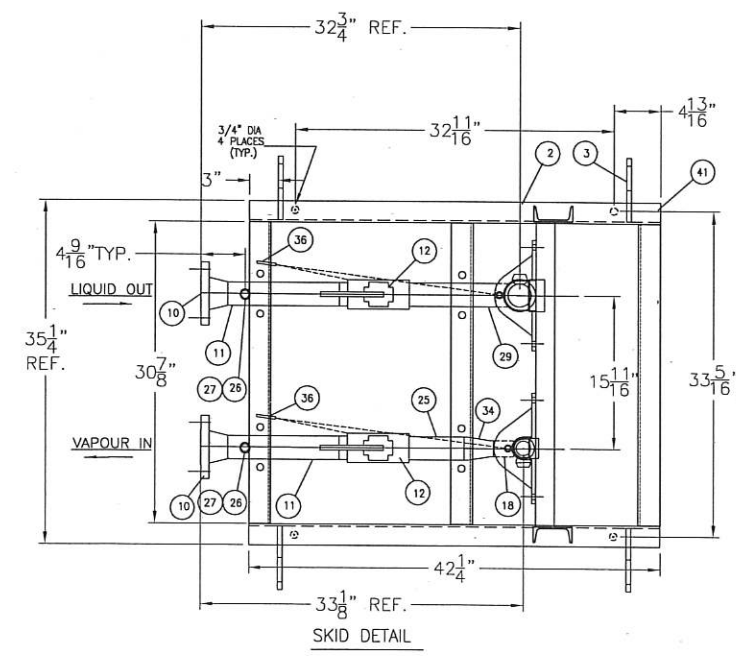
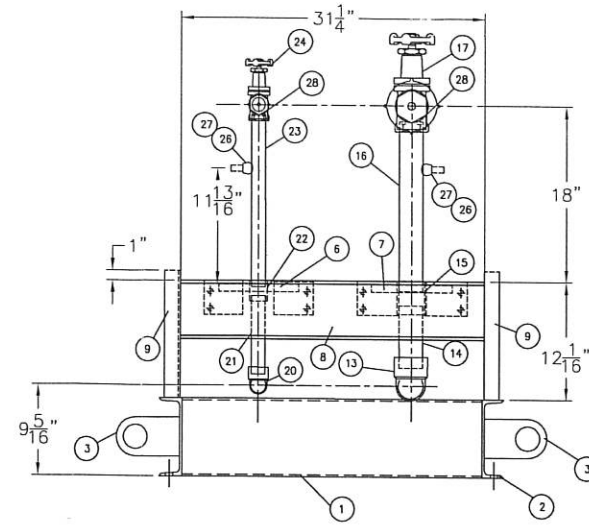
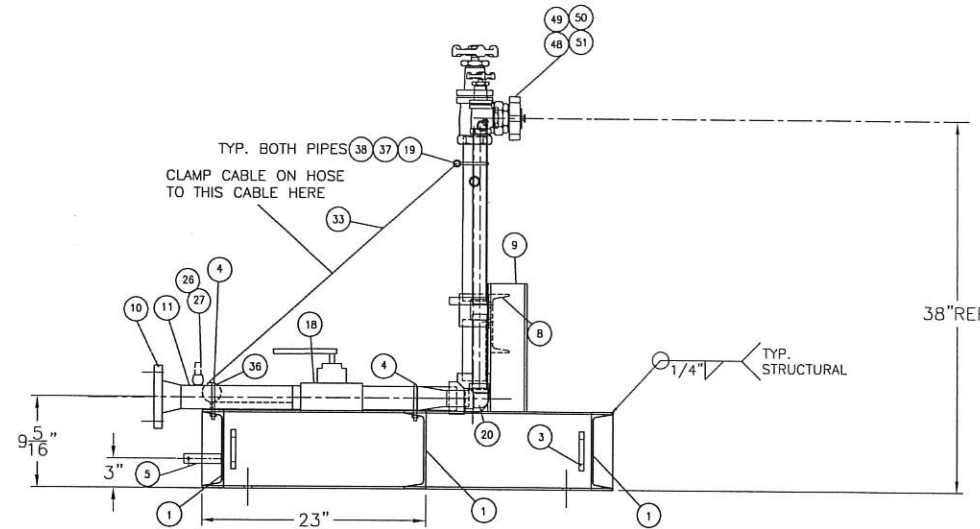
NOTES:

- 1.) MATERIAL LISTED FOR TWO SADDLES.
- 2.) WEIGHT FOR TWO SADDLE = 3990 LBS, (1810 kg).
- 3.) WEAR PAD ON VESSEL
- 4.) SADDLE WELDS TO BE 1/4" CONTINUOUS UNLESS OTHERWISE SPECIFIED.
- 5.) DRILL 1/4" DIA HOLE AT LOW POINT OF SADDLE PAD BEFORE WELDING TO VESSEL. HOLE TO CLEAR GUSSETS, WEB PLATE AND WELDING.

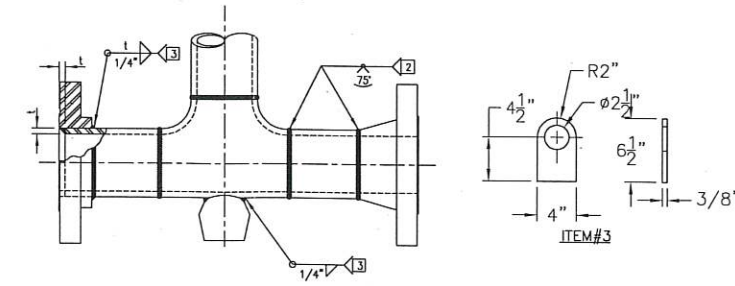
ITEM	LOCATION	PART NO	QTY	UM	DESCRIPTION
8					
7					
6	RIB	51382	18.5	F2	PL .625" SA 516-70 4 PCS 61-1/2" X 10-3/8"
5	RIB	51382	7.2	F2	PL .625" SA 516-70 4 PCS 23-3/4" X 10-3/8"
4	RIB	51382	3.3	F2	PL .625" SA 516-70 4 PCS 10-13/16" X 10-3/8"
3	RIB	51382	1.1	F2	PL .625" SA 516-70 2 PCS 7-1/8" X 10-3/8"
2	BASE PLATE	61981	23.0	F2	PL 1.500" 44W 2 PCS 137-3/8" X 12"
1	WEB	51382	71.0	F2	PL .625" SA 516-70 137-3/8" X 74-1/4" (CUTS 2 PCS)

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					SADDLE DETAIL FOR 136" I.D. TANK			
					THIRD ANGLE PROJECTION	TOLERANCES UNLESS NOTED	JOB:	
					DECIMAL ANGULAR FRACTION	±0.100 ±0.5° ±1/16 IF < 10°-0"	DRAWING No.	
					±0.010 ±1/8 IF > 10°-0"	±0.005	2006-0114C	
					SCALE: NTS	P/N: - 69353	SHEET 1 OF 1	
0	JC	06.01.16	KH		INITIAL RELEASE.			
REV NO.	DRWN	DATE	CHECKED BY	APPROVED BY	DESCRIPTION		REV	
							0	

 MaXfield Inc.		CERTIFIED AS-BUILT PRINT 		
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2" BRIDLE w/4" BODY FOR 136" ID STORAGE VESSELS (CL150 FLANGES)				
P THIRD ANGLE PROJECTION 	TOLERANCES UNLESS NOTED		JOB: DRAWING No. 2006-0116C SHEET 1 OF 1	
	DECIMAL X.X ±0.100 X.XX ±0.010 X.XXX ±0.005	ANGULAR ±0.5° ±1/16 IF < 10°-0° ±1/8 IF > 10°-0°		
	SCALE: NTS P/N: — 69359			REV A



- WELD SPECIFICATIONS**
- 1 WP 609.2 S-170 (SMAW)
 - 2 WP 609.2 S-140 (GMAW)
 - 3 WP 609.2 S-94-1 (SMAW)
- TYPICAL WELD DETAILS**



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Per *JLB*

P/N 69385				
ITEM	LOCATION	PART NO.	QTY	DESCRIPTION
1	FRAME	51478	8.0 FT	CHANNEL 8" X 11.5 #/FT, 44W
2	FRAME	51478	7.0 FT	CHANNEL 8" X 11.5 #/FT, 44W
3	LIFT LUG	66023	0.9 F2	PL .375" 44W
4		50427	4 EA	BOLT U 2" PIPE C/W PL & NUTS
5	GROUND	54136	1 EA	STRAP GROUND FOR PRESSURE VESSEL
6	BRACKET	69379	1.0 EA	BRKT STD BULKHEAD 3000# PIPE COUPLING 2"
7	BRACKET	69380	1.0 EA	BRKT STD BULKHEAD 3000# PIPE COUPLING 1 1/4"
8		51477	2.8 FT	CHANNEL 6" X 8.2 #/FT 44W
9		51475	2.2 FT	CHANNEL 4" X 5.4 #/FT 44W
10		54686	2 EA	FLG 2 CL300 RPWN XH BORE SA105N
11		51552	2.0 FT	PIPE 2" XH SMLS SA106B
12		67710	2 EA	VALVE EMERGENCY SHUTOFF 2" FNPT LPG REGO 6016
13		18615090	1 EA	ELBOW 90 2 NPT 3000# SA105
14		51552	0.6 FT	PIPE 2" XH SMLS SA106B
15		18605090	1 EA	CPLG FULL 2 NPT 3000# SA 105
16		51552	1.2 FT	PIPE 2" XH SMLS SA106B
17		18100020	1 EA	VALVE ANGLE 2PT LPG/NH3 DCTL IRON
18		51548	0.2 FT	PIPE 1-1/4" XH SMLS SA 106B
19		54170	2 EA	EYE PAD 3/8" ID
20		53987	1 EA	ELBOW 90 1-1/4 NPT 3000# SA105
21		51548	1.1 FT	PIPE 1-1/4" XH SMLS SA 106B
22		18605070	1 EA	CPLG FULL 1-1/4 NPT 3000# SA 105
23		51548	1.5 FT	PIPE 1-1/4" XH SMLS SA 106B
24		18100016	1 EA	VALVE ANGLE 1-1/4NPT LPG/NH3 AL313P
25		51552	0.5 EA	PIPE 2" XH SMLS SA106B
26		51708	4 EA	THREDDLET FLAT X 1/4 3000# SA 105 (14-36 RUN)
27		16900506	4 EA	VALVE RLF EXT 450PSI 1/4"
28		16910170	2 EA	VALVE VENT SS 1/4MNPT TSS3169
29		51552	0.8 FT	PIPE 2" XH SMLS SA106B
30		50501	8 EA	BOLT HEX 1/2" NC X 3" SAE GR8 ZNPL
31		60097	16 EA	WASHER FLAT 1/2" 316SS
32		56639	8 EA	NUT HEX 1/2" NC SAE GR8 ZN PLT
33		51000	10 FT	CABLE 3/16 ZN COATED FOR EMERG CTRL
34		64297	1 EA	REDUCER CONC 2 X 1-1/4 XH SA234WPB
35				
36		50983	2 EA	PULLEY MARINE TILLER
37		50427	1 EA	BOLT U 2" PIPE C/W PL & NUTS
38		55852	1 EA	CLAMP MUFFLER 1-1/4 WALKER
39			1 EA	REEL STATIC HRG100-20
40				SHOP TO MOUNT TO FRAME
48	HOSE	16901007	1 EA	ADAPT ACME 3-1/4X2 MNPT BR
49	HOSE	16900995	1 EA	CAP 3-1/4 F/ACME BR
50	HOSE	16900936	1 EA	ADAPT MAL 1-1/4 NPT X 2-1/4 ACME BR
51	HOSE	16900993	1 EA	CAP 2-1/4 F/ACME BR

WELD PROCEDURES

- 1 609.2-S-170 (SMAW)
- 2 609.2-S-140 (GMAW)
- 3 609.2-S-94-1(SMAW)
- 4 609.2-S-

PRESSURE PIPING SYSTEM DESIGN DATA (CODE-ANSI/ASME B31.3 2002 EDITION)								
PROCESS	DESIGN PRESS. PSI (kPa)	DESIGN TEMP. °F (°C)	TEST PRESS. PSI (kPa)	TEST MEDIUM	MATERIAL SPEC. AND GRADE	PIPE DIAMETER AND SCHEDULE	FLANGE RATING	R.T. %
LPG	350 (2413)	115° (46°)	525 (3619)	H2O	SA-106-B SA-234-WPB SA-105	2" SCH STD 2" SCH XH 4" SCH STD 4" SCH XH	CL 300#	5 %

- NOTES:**
- FLANGE BOLT HOLES TO STRADDLE VERTICAL CENTERLINE.
 - EXAMINATION AND TESTING TO ANSI/ASME B31.3.
 - SANDBLAST TO SSPC SP6.
 - ALL OPENINGS TO BE PLUGGED AND PROTECTED FOR SHIPPING.
 - SHOP TO ADJUST PIPE LENGTHS FOR WELDED PIPE TO ALLOW FOR ROOT GAP AND SHRINKAGE.
 - ALL THREADED CONNECTIONS TO BE SCH 80 OR XH.

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				STD BULKHEAD C/W SKID			
C	AH	06.02.06			MOVED ITEMS #48-51 TO PN 69385 ADDED 69385 ONLY SHEET		
B	AH	06.02.06			MOVED ITEMS #48-51 TO PN 69385 ADDED 69385 ONLY SHEET		
A	AH	06.02.06			REVISED ITEM# 15, 22 TO THREADED		
O	AH	06.01.26			INITIAL RELEASE		
REV NO.	DRWN	DATE	CHECKED BY	APPROVED BY	DESCRIPTION		

THIRD ANGLE PROJECTION

SCALE: 1:10

TOLERANCES UNLESS NOTED

DECIMAL ANGULAR FRACTION

XX ±0.100 20.5° ±1/16 F < 10°-0'

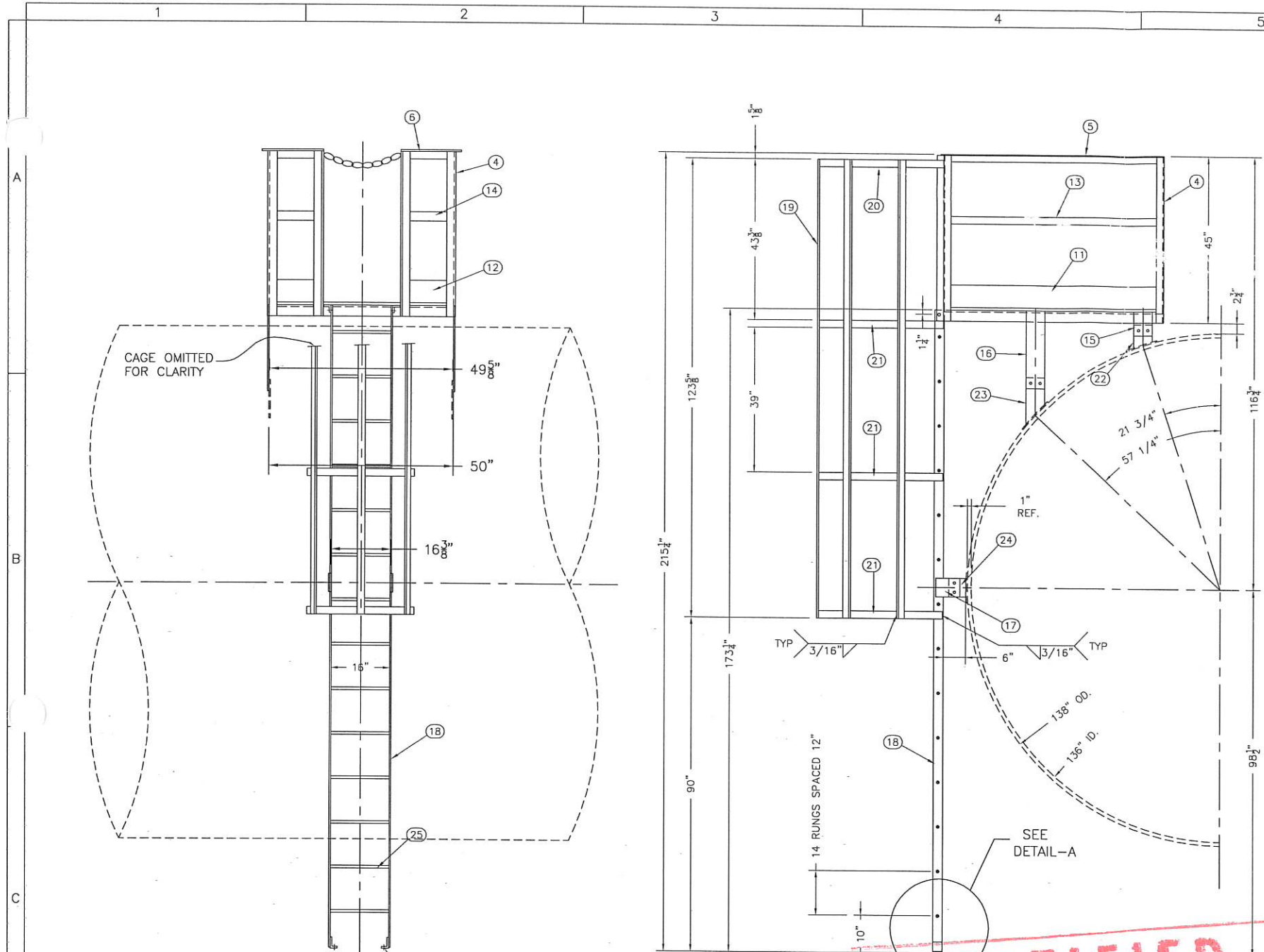
XX ±0.010 ±1/8 F > 10°-0'

XX ±0.005

JOB: 31-

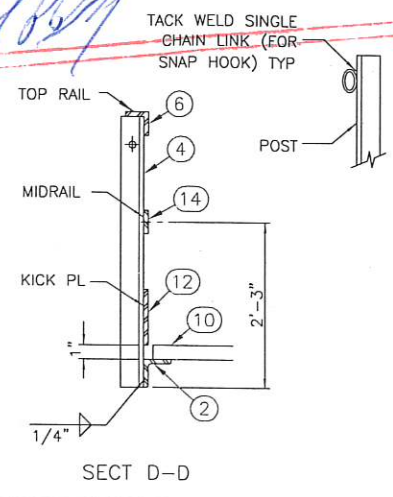
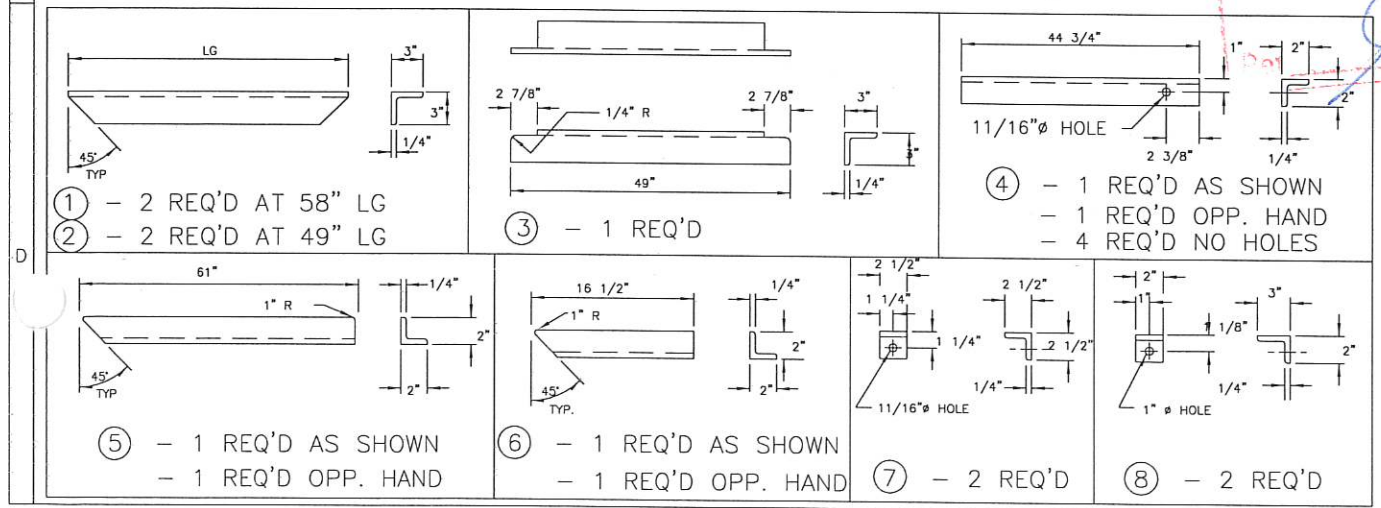
DRAWING No. 2006-01210

SHEET 2 OF 2

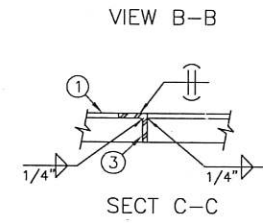
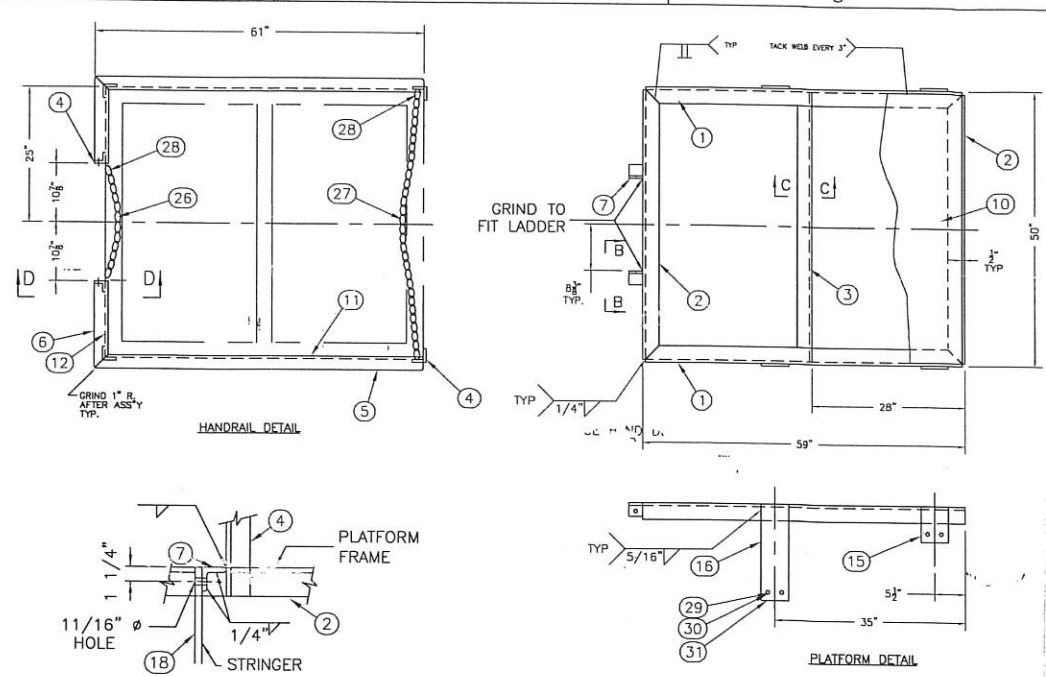
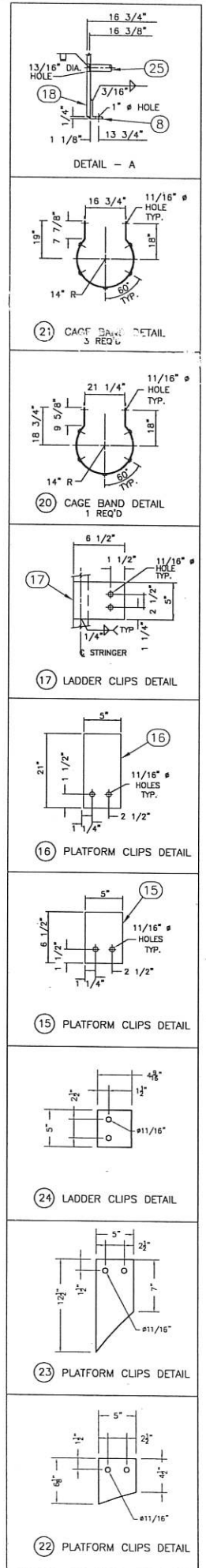


ELEVATION VIEW

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SECTION D-D



SHOP NOTES

- 1) ALL WELD TO BE 1/4" FILLET UNLESS OTHERWISE SHOWN
- 2) LADDER AND PLATFORM TO BE TEST FITTED TO VESSEL BEFORE FITTING
- 3) SEE VESSEL DWG. FOR LADDER LOCATION AND ORIENTATION.

ITEM	LOCATION	PART NO	QTY	UM	DESCRIPTION
35					
34					
33					
32					
31		54624	4 EA		WASHER LOCK 5/8 ZN PL
30		54622	4 EA		NUT HEX 5/8" NC SAE GR8 ZN PLT
29		50479	4 EA		BOLT HEX 5/8" NC X 1-3/4" GR8 ZN PL
28		54526	2 EA		ROPE SNAP FOR SAFETY BELT
27		50002	4.3 FT		CHAIN 3/16" PASSING LINK CS ZINC PL
26		50002	2.0 FT		CHAIN 3/16" PASSING LINK CS ZINC PL
25		51468	18.7 FT		BAR RND 3/4" SA 36
24		51434	0.8 FT		BAR FLAT 3/8" X 5" SA 36
23		51434	2.2 FT		BAR FLAT 3/8" X 5" SA 36
22		51434	1.1 FT		BAR FLAT 3/8" X 5" SA 36
21		51411	21.5 FT		BAR FLAT 1/4" X 2" SA 36
20		51408	51.5 FT		BAR FLAT 1/4" X 1-1/2" SA 36
19		51414	28.8 FT		BAR FLAT 3/8" X 2-1/2" SA 36
18		51434	1.1 FT		BAR FLAT 3/8" X 5" SA 36
17		51434	3.5 FT		BAR FLAT 3/8" X 5" SA 36
16		51434	1.1 FT		BAR FLAT 3/8" X 5" SA 36
15		51411	2.3 FT		BAR FLAT 1/4" X 2" SA 36
14		51411	9.8 FT		BAR FLAT 1/4" X 2" SA 36
13		51438	2.3 FT		BAR FLAT 1/4" X 6" SA 36
12		51438	9.7 FT		BAR FLAT 1/4" X 6" SA 36
11		59803	19.7 F2		GRATING 1" X 3/16" STD W-A-4
10					
9					
8		51452	0.3 FT		ANGLE 3" X 2" X 1/4" 44W
7		51450	0.3 FT		ANGLE 2 1/2" X 2 1/2" X 1/4" 44W
6		51448	2.8 FT		ANGLE 2" X 2" X 1/4" 44W
5		51448	10.2 FT		ANGLE 2" X 2" X 1/4" 44W
4		51448	22.3 FT		ANGLE 2" X 2" X 1/4" 44W
3		51453	4.1 FT		ANGLE 3" X 3" X 1/4" 44W
2		51453	8.2 FT		ANGLE 3" X 3" X 1/4" 44W
1		51453	9.7 FT		ANGLE 3" X 3" X 1/4" 44W



LADDER & PLATFORM DETAIL
136" ID STORAGE TANK

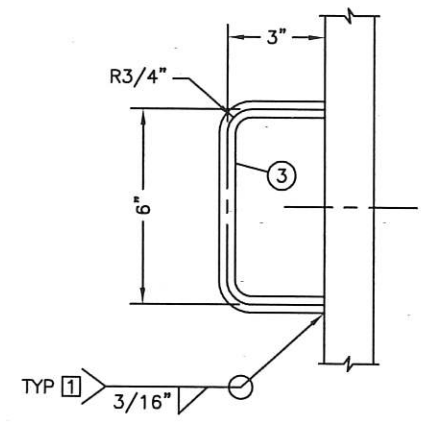
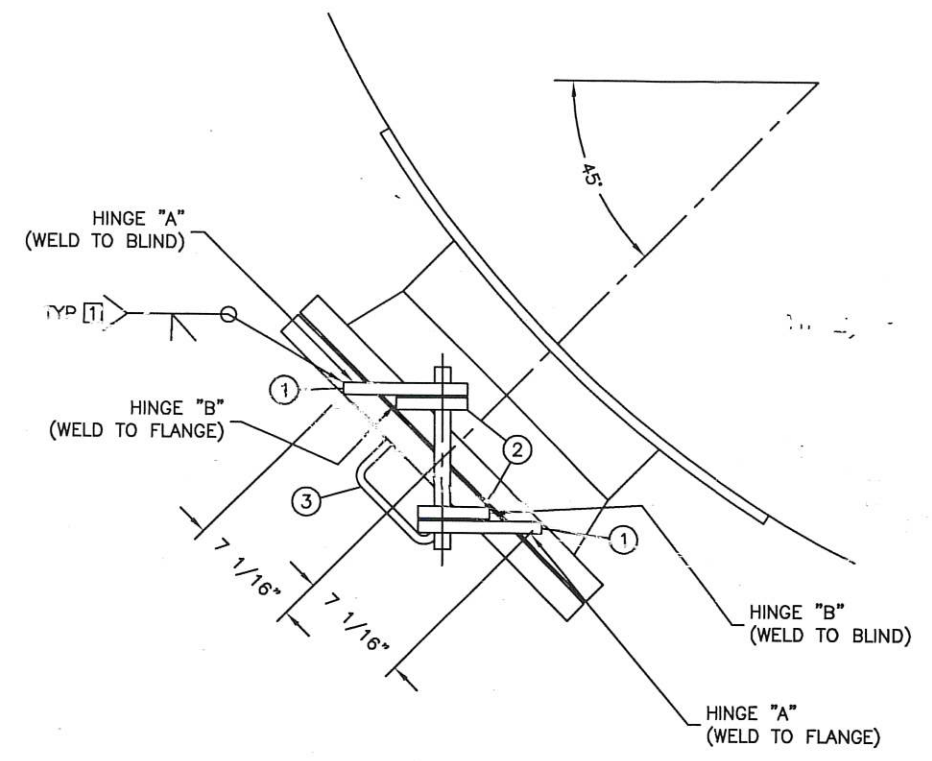
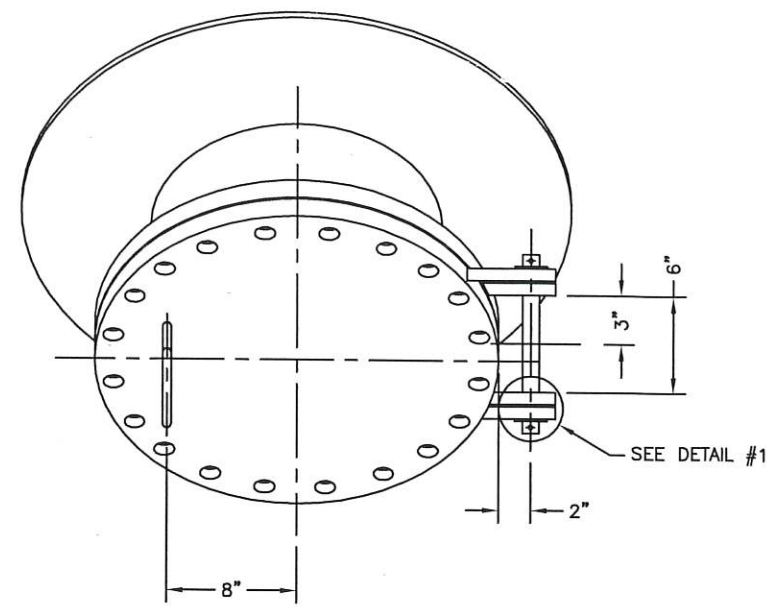
REV NO.	DRWN	DATE	CHECKED BY	APPROVED BY	DESCRIPTION
0	JC	06.01.18	KH		INITIAL RELEASE, ORIGINATED FROM DWG. 2002-0802D, REV. E
1					
2					
3					
4					
5					
6					
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13					
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34					
35					

A

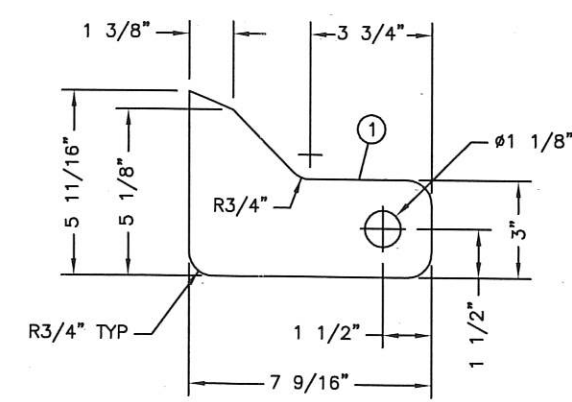
B

C

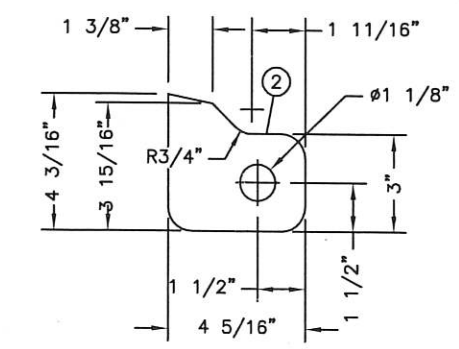
D



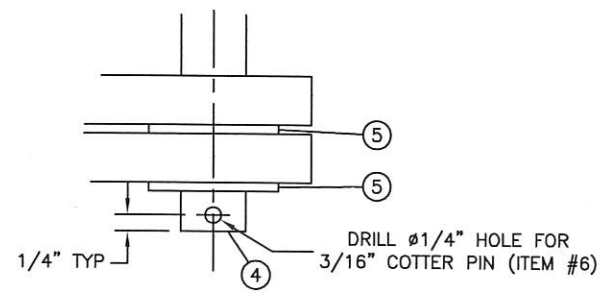
HANDLE DETAIL
1-REQ'D SCALE 2:1



HINGE "A"
2-REQ'D SCALE 2:1



HINGE "B"
2-REQ'D SCALE 2:1



DETAIL #1
TYP. TOP AND BOTTOM
SCALE 4:1

**CERTIFIED
AS-BUILT PRINT**

Per *[Signature]*

WELD PROCEDURE	
1	609.2-S-170 (S.M.A.W.)

P/N	ITEM	QTY.	DESCRIPTION
53216	6	2	PIN COTTER 3/16" X 1-1/2"
50559	5	4	WASHER FLAT 1 ZINC PLATE
59174	4	1	BAR RND 1" x 11" LG
67594	3	1	HANDLE MANWAY COVER - 3/4" RND
60132	2	2	PL .750" x 4 3/16" x 4 5/16"
60132	1	2	PL .750" x 5 11/16" x 7 9/16"
SA-36			
DWG 2002-1015A			
SA-516-70N			
SA-516-70N			

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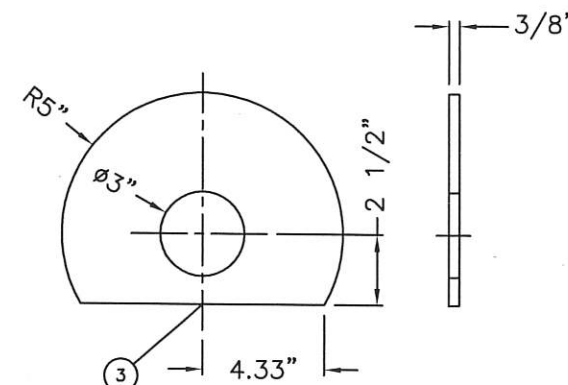
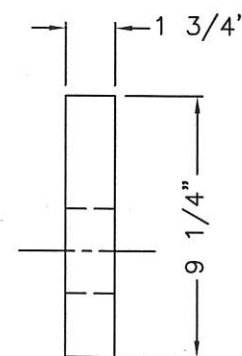
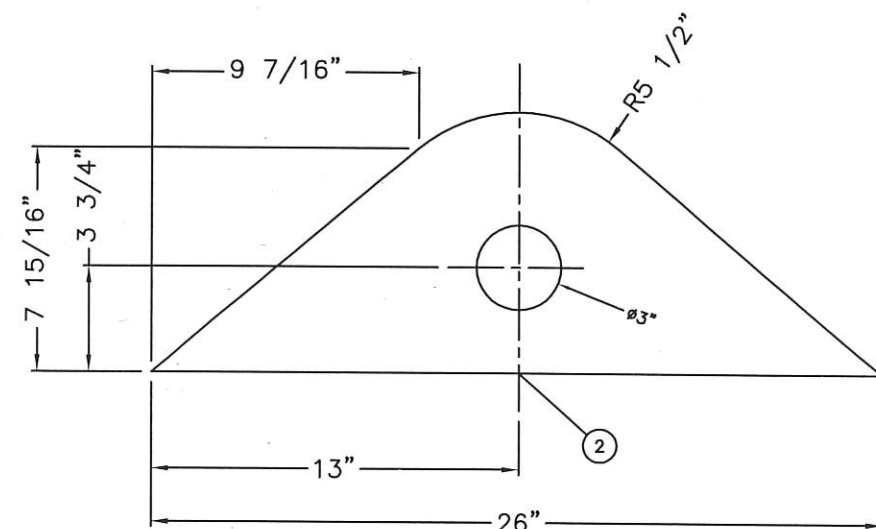
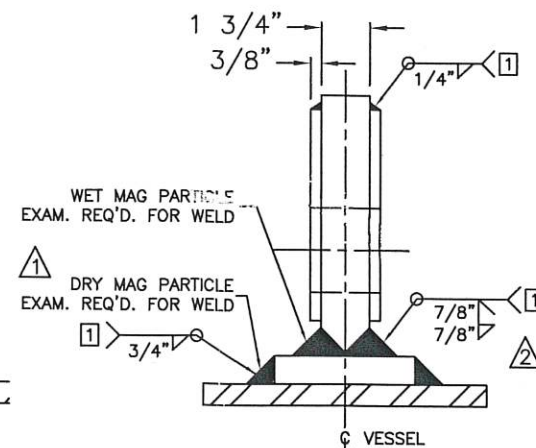
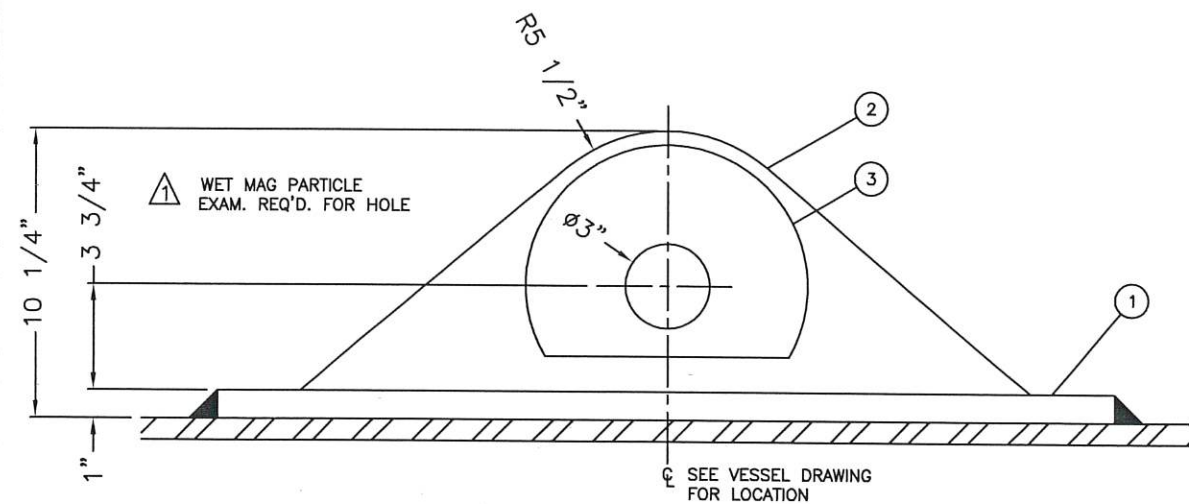
ANGLED MANWAY HINGE DETAIL	
18" 150# 45° ANGLE	

B	JC	05.04.22	KH	REVISED ITEM #3, CHANGED FROM 1/2" TO 3/4" ROUND BAR.
A	PP	03.08.05	.	REVISED LOGO
O	JB	00.07.11	.	INITIAL CREATION

REV NO.	DRWN	DATE	CHECKED BY	APPROVED BY	DESCRIPTION

SCALE: 1:50	P/N:65910	JOB: 31-0485	DRAWING No. 2000-0706C	REV B
SHEET 1 OF 1				

ITEM	LOCATION	PART NO	QTY	UM	DESCRIPTION
1.		59410	2.7	F2	PL 1" SA516-70N -50F IMP 2 PCS 32" X 5"
2.		61277	3.5	FT	PL 1.750" SA 516-70N IMPACT -50F 2 PCS 26" X 9-1/4"
3.		59206	1.0	FT	PL .375" SA516-70N IMPACTS @ -50F 4 PC 5" X 5"



WELD SPECIFICATIONS
1 WP 609.2-S-170 S.M.A.W

NOTE:
1. MATERIAL LISTED FOR 2 LUGS.

ITEM #3 - 4 REQ'D.

ITEM #2 - 2 REQ'D.

ITEM #1 - 2 REQ'D.



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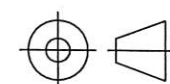
CERTIFIED
AS-BUILT PRINT

Per *[Signature]*

LIFTING LUG
75,000 LBS CAPACITY PER LUG

REV NO.	DRWN	DATE	CHECKED BY	APPROVED BY	DESCRIPTION
2	.	87.08.26	KH	.	WELD WAS 3/4" NOW 7/8"
1	.	87.08.15	.	.	ADDED NOTES FOR MAG. PART EXAM.

THIRD ANGLE
PROJECTION



SCALE: NTS

TOLERANCES UNLESS NOTED

	DECIMAL	ANGULAR	FRACTION
X.X	±0.100	±0.5°	±1/16 IF < 10'-0"
X.XX	±0.010		±1/8 IF > 10'-0"
X.XXX	±0.005		

P/N: 56578

JOB:

DRAWING No.
8705-7B

SHEET 1 OF 1

REV

2