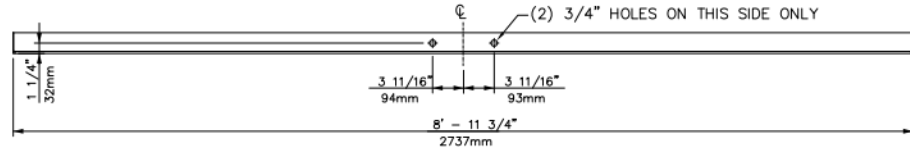
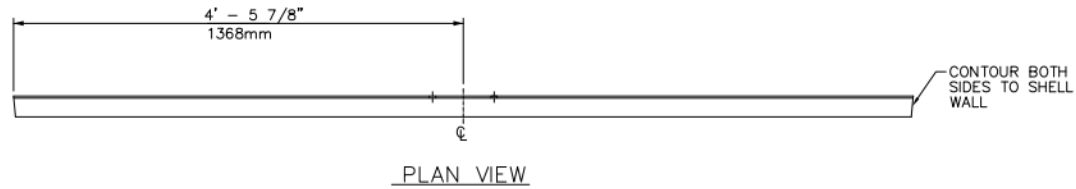


WELDING CHART						
N#	A	B	C	D	INSIDE EXTENSION/CONTOUR	DETAIL#
N1	3/8"(10mm)	3/8"(10mm)	-	-	FLAT	2
N2	3/8"(10mm)	3/8"(10mm)	9/16"(14mm)	1/4"(6mm)	FLAT	2,3
N3	FULL PEN.	3/8"(10mm)	9/16"(14mm)	1/4"(6mm)	CONTOUR	3,4
N4	FULL PEN.	3/8"(10mm)	9/16"(14mm)	1/4"(6mm)	CONTOUR	3,4
N5	FULL PEN.	3/8"(10mm)	1/2"(13mm)	1/4"(6mm)	CONTOUR	3,4
N6	3/8"(10mm)	3/8"(10mm)	7/16"(11mm)	1/4"(6mm)	FLAT	2,3
N7	1/4"(6mm)	1/4"(6mm)	5/16"(8mm)	7/32"(6mm)	FLAT	2,3
N8	FULL PEN.	1/4"(6mm)	-	-	CONTOUR	4
N9	FULL PEN.	3/8"(10mm)	1/4"(6mm)	3/16"(5mm)	N/A	1,3
N10	FULL PEN.	3/8"(10mm)	1/4"(6mm)	3/16"(5mm)	N/A	1,3
N11	FULL PEN.	3/8"(10mm)	-	-	N/A	1
N12	FULL PEN.	3/8"(10mm)	-	-	N/A	1
N13	FULL PEN.	3/8"(10mm)	-	-	N/A	1



INTERNAL PIPE SUPPORT
SCALE: 1" = 1' - 0"
MATL.: 1/4" THK. X 2 1/2" X 2 1/2"
A-36 ANGLE
(1) REQ'D. WGT.: 36.9 LBS. EACH

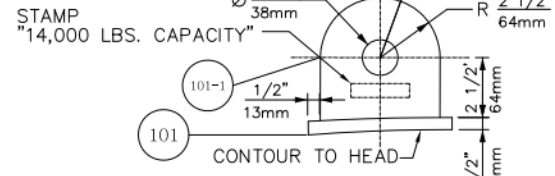
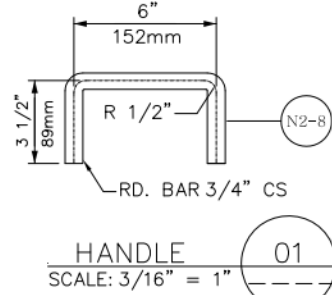
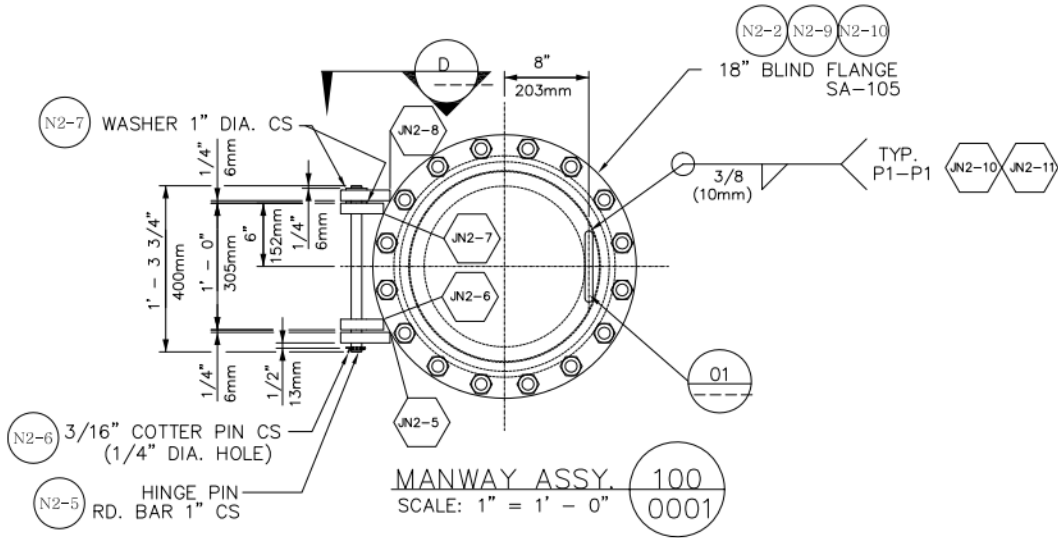
105
0001

VOGT POWER INTERNATIONAL

Released, Work May Proceed

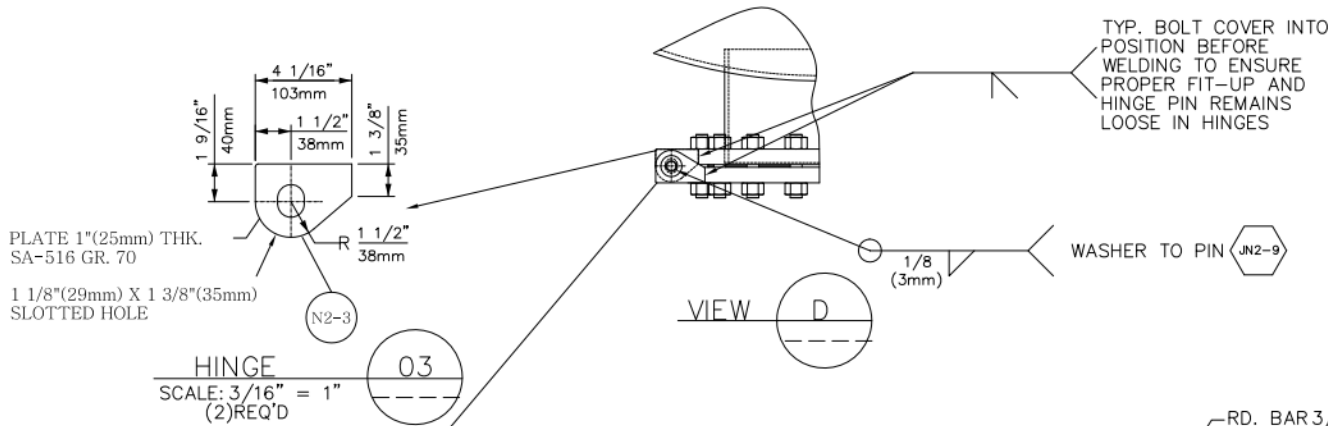
Bell, Milton

Jul-15-2016



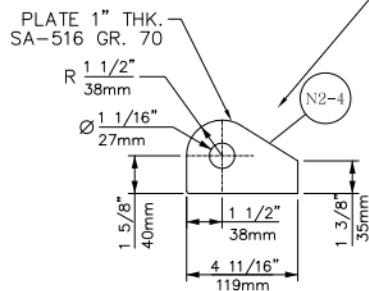
LIFTING LUG
SCALE: 3/16" = 1"
MATL.: 1/2" THK. SA-516 GR. 70
(2) REQ'D. WGT. = 8 LBS. EA.

101
0001



HINGE
SCALE: 3/16" = 1"
(2) REQ'D

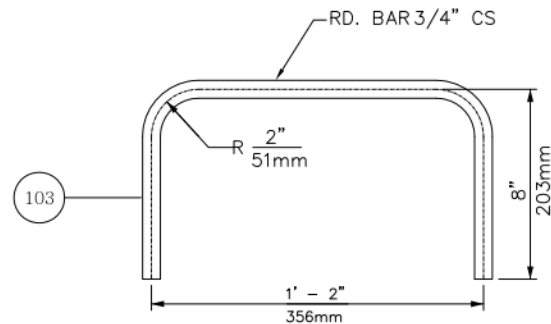
03



HINGE
SCALE: 3/16" = 1"
(2) REQ'D

02

VOGT POWER INTERNATIONAL
V17494-BDXD-5004-01
15-Jul-2016



GRAB BAR
SCALE: 3/16" = 1"
APPROX. WEIGHT: 2 LBS.
(2) REQ'D

103
0001

SGC-V17494 BD-DWG-006	FABRICATION TOLERANCE
SGC-V17494 BD-DWG-005	DETAIL OF NAMEPLATE
SGC-V17494 BD-DWG-004	GENERAL ARRANGEMENT & DETAILS (4/4)
SGC-V17494 BD-DWG-003	GENERAL ARRANGEMENT & DETAILS (3/4)
SGC-V17494 BD-DWG-002	GENERAL ARRANGEMENT & DETAILS (2/4)
SGC-V17494 BD-DWG-001	GENERAL ARRANGEMENT & DETAILS (1/4)
DWG. NO.	TITLE

DETAIL DRAWING					
4					
3					
2					
1	REVISION ISSUE	7/14	M.S.K	7/14	H.G.M
1	1st ISSUE	4/15	M.S.K	4/15	H.G.M
REV. NO.	DESCRIPTION	PREPARED	REVIEWED	APPROVED	
DESIGN DEPARTMENT					

* : AFTER HYDRO TEST, CUT OFF THE ADDITIONAL LENGTH OF PIPE.(SEE DETAILS)

107	ANGLE CLIP L75x75x6	SA36	152	2"(51mm)	
106	NAME PLATE BRACKET	SA36	1	11/4"(6mm)	1'-8 7/16" (518mm)
104-6	GROUNDING LUG	SA240-TP304	2	11/2"(13mm)	3"(76mm)
104-5	PLATE	A572-50	4	T3/4"(19mm)	1'-0"(305mm)
104-4	H-BEAM 194x150x6x9	SA36	1	-	4'-4 1/8"(1324mm)
104-3	H-BEAM 194x150x6x9	SA36	1	-	4'-4 1/8"(1324mm)
104-2	H-BEAM 194x150x6x9	SA36	1	-	4'-4 1/8"(1324mm)
104-1	H-BEAM 194x150x6x9	SA36	1	-	4'-4 1/8"(1324mm)
104	BASE PLATE	A572-50	4	T3/4"(19mm)	1'-0"(305mm)
103	GRAB HANDLE Ø3/4"(19mm)	SA36	2	-	
102-2	ACORN NUT & WASHER 5/8"	SWRM	80	-	
102-1	NELSON STUD 5/8"	SA36	80	1"(25mm)	
102	WEAR PLATE	SA387-22 CL2	20	11/4"(6mm)	1'-4 7/8" (429mm)
101-1	LIFTING LUG	SA516-70	2	11/2"(13mm)	5"(128mm)
101	LIFTING LUG PAD	SA516-70	2	11/2"(13mm)	86"(152mm)
N13	FLEXOLET(SW) 0.75"	SA105	1	3000#	
N12	FLEXOLET(SW) 1.5"	SA105	1	3000#	
N11	FLEXOLET(SW) 1"	SA105	1	3000#	
N10-2	FLEXOLET(SW) 1"	SA105	1	3000#	
N10-1	PIPE SMLS 1"	SA106-B	1	S80	4 1/2"(114mm)
N10	FLANGE SORF 1"	SA105	1	150#	
N9-2	FLEXOLET(SW) 1"	SA105	1	3000#	
N9-1	PIPE SMLS 1"	SA106-B	1	S80	4 1/2"(114mm)
N9	FLANGE SORF 1"	SA105	1	150#	
N8-1	PIPE SMLS 2"	SA106-B	1	S80	1'-4 3/8"(417mm)
N8	CAP(SW) 2"	SA105	1	3000#	
N7-1	PIPE SMLS 3"	SA106-B	1	S40	9 7/8"(250mm)
N7	FLANGE SORF 3"	SA105	1	150#	
N6-5	ANGLE L65x65x6	SA36	1	-	8'-11 3/4"(2738mm)
N6-4	U-BOLT / HEX N4 U5/8"	A307A	1	-	
N6-3	90D ELBOW(LR) 6"	SA234-WPB	1	S40	
N6-2	PIPE SMLS 6"	SA106-B	1	S40	4'-5"(1346mm)
N6-1	PIPE SMLS 6"	SA106-B	1	S40	4'-3 7/32"(1301mm)
N6	FLANGE SORF 6"	SA105	1	150#	
N5-1	PIPE SMLS 8"	SA335-P11	1	S40	2'-8 3/4"(832mm)
N5	FLANGE SORF 8"	SA182-F11 CL2	1	150#	
N4-1	PIPE SMLS 10"	SA106-B	1	S40	2'-8 7/8"(834mm)
N4	FLANGE SORF 10"	SA105	1	150#	
N3-1	PIPE SMLS 14"	SA106-B	1	STD	2'-6 5/16"(770mm)
N3	FLANGE SORF 14"	SA105	1	150#	
N2-10	STUD B/H.HEX N2 U1 1/8"	SA193-B7/SA194-2H	16	6 1/4"(159mm)	
N2-9	SPR WND GASKET 18"	FLEXITALLIC	1	150#	
N2-8	HANDLE Ø3/4"(19mm)	SA36	1	-	
N2-7	WASHER Ø1"(44mm-26mm)	SA36	2	11/8"(3mm)	
N2-6	COTTER PIN Ø3/16"(5mm)	SA36	1	2 3/16"(56mm)	
N2-5	HINGE PIN Ø1"(25mm)	SA36	1	15 7/8"(403mm)	
N2-4	COVER HINGE	SA516-70	2	11"(25mm)	3 1/8" (76mm)
N2-3	FLANGE HINGE	SA516-70	2	11"(25mm)	4 1/16" (103mm)
N2-2	FLANGE BLRF 18"	SA105	1	150#	
N2-1	PIPE SMLS 18"	SA106-B	1	STD	11 13/16"(300mm)
N2	FLANGE SORF 18"	SA105	1	150#	
N1	PIPE SMLS 30"	SA106-B	1	STD	1'-5 3/4"(450mm)
2	HEAD OD 9'-1"(2769mm)	SA516-70	2	TS/8"(16mm)	MIN. 17/32"(13.6mm)

ITEM	NAME OF PART	MATERIAL	NO. REQ'D	CHARACT	DIMENSIONS
PART CODE					

ASME (U)

TITLE OF PROJECT					
MIDDLETOWN					
CLIENT					
VOGT POWER INTERNATIONAL INC.					
ITEM NAME					REQ'D NO.
BLOWDOWN TANK (GENERAL ARRANGEMENT & DETAILS 2/4)					1 SET
SCALE	JOB NO.	ITEM NO.			
NONE	V17494	1BD-T3001			
MANU. DWG. NO.					REV.
SGC-V17494 BD-DWG-002					1
W/O NO.					
SGC-F160003					