



ISOMETRIC VIEW

Q'ty 1 PC(s) REQUIRED MARKED DWID-L1

VOGT POWER INTERNATIONAL  
V17494-DWID-7019-03  
09-Apr-2016

MATERIAL LIST FOR ASSEMBLY MK'D				DWID-L1-1		Q'TY : 1		No. Required
Part No.	Description	Width	Length	Q'ty	Material	Weight	Area	
1a-22	L-90X90X10		3046	1	G3101 SS400	40.66	1.10	
1a-23	L-90X90X10		3046	1	G3101 SS400	40.66	1.10	
1a-36	L-90X90X10		6495	1	G3101 SS400	86.70	2.31	
1a-37	L-90X90X10		6489	1	G3101 SS400	86.62	2.34	
1m-1	H-400X400X13X21		8653	2	G3101 SS400	2971.09	41.17	
1m-27	C-200X80X7.5X11		2425	6	G3101 SS400	357.84	9.66	
1m-45	C-200X80X7.5X11		463	6	G3101 SS400	68.25	1.56	
1m-157	PIPE 4" SCH.40 (OD.114.3 X 6.02 THK.)		453	1	A-312 TP304	7.36	0.16	
1m-161	PIPE 1/2" SCH.80 (OD.21.3 X 3.73 THK.)		453	3	A-312 TP304	2.22	0.09	
1p-1	PL-38	457	457	1	A572-GR.50	62.30	0.49	
1p-2	PL-6	50	309	6	G3101 SS400	4.36	0.17	
1p-12	PL-12	187	346	8	G3101 SS400	48.76	1.07	
1p-15	PL-12	175	346	8	G3101 SS400	45.63	1.02	
1p-16	PL-12	314	660	2	G3101 SS400	39.04	0.86	
1p-17	PL-12	314	720	2	G3101 SS400	42.59	0.94	
1p-25	PL-10	174	179	6	G3101 SS400	14.67	0.41	
1p-46	PL-38	457	457	1	A572-GR.50	62.30	0.49	
1p-56	PL-3	15	162	32	G3101 SS400	1.83	0.19	
1p-57	PL-6	50	279	2	G3101 SS400	1.31	0.05	
1p-66	PL-12	120	120	4	G3101 SS400	5.43	0.14	
1m-164	STUD 1/2" 13 UNC T.P.I.		465	1	A-479 TP304	0.44	0.02	
1p-41	CASING PL-10	3110	6489	1	G3101 SS400	1584.19	20.28	
1m-125	M20 NUT			18	A-563	2.31	0.07	
1m-163	INSULATION, 2" THK, 8# DENSITY		OD.102	3	SUPERWOOL PLUS	0.01	0.09	
1m-165	HEX NUT 1/2"			2	F584 TP304	0.05	0.00	
1m-192	40Mesh Wire Dia: 0.22mm			1	Stainless steel	0.00	0.04	
1m-62	4"NB-150# GASKET 3 THK.			1	NON-METALLIC	0.00	0.04	
1m-102	4"NB-150# BLIND FLANGE			1	ASTM A105	8.00	0.10	
1m-103	4"NB-150# RF.SLIP ON FLANGE			1	ASTM A105	5.90	0.11	
1m-158	1/2"NB-150# RF.SLIP ON FLANGE			3	ASTM A105	1.80	0.05	
1m-159	1/2"NB-150# BLIND FLANGE			3	ASTM A105	3.60	0.04	
1m-160	1/2"NB-150# GASKET 3 THK.			3	NON-METALLIC	6.60	0.00	
1m-113	WASHER PL-12 GA. (3mm)	ID.14	OD.98	2	A-240 TP409	0.35	0.03	
SB1695	STUD M16X95 WITH 2 OFF NUT			8	A307	1.25	0.00	
Total						5604.11	86.21	

UNIT 1

Project Owner's : Gemma Power System,LLC  
Project Name: Middletown Energy Center Project  
Vogt Power International Job No./Cost symbol: V17494 / DW  
Vogt Power International Doc. No. ....  
Vogt Power International P.O. No.V0009490

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TITLE		VOGT POWER INTERNATIONAL MIDDLETOWN ENERGY CENTER PROJECT		ISO-A
LEFT SIDE PANEL		1711		JOB NO.
REF.DWG.NO.	Y15-1711-E0101-E0107	VIPCO DWG.NO.	Y15-1711- DWID-L1-01	REV 3

3	05/04/16	REV. AS PES VPL DESIGN (DWG.V17494-DWID-0052 Rev.2)	S.KOSIN		
2	26/11/15	REVISED LENGTH PART NO. m1-113	W.Tawatthai		
1	21/11/15	REVISED REF. DWG.(V17494-DWID-0008_REV.02)	W.Tawatthai		
0	07/12/15	FIRST ISSUE	K.SOIN		
REV.	DATE.	DESCRIPTION	DRAWN	CHKD.	APPROD.