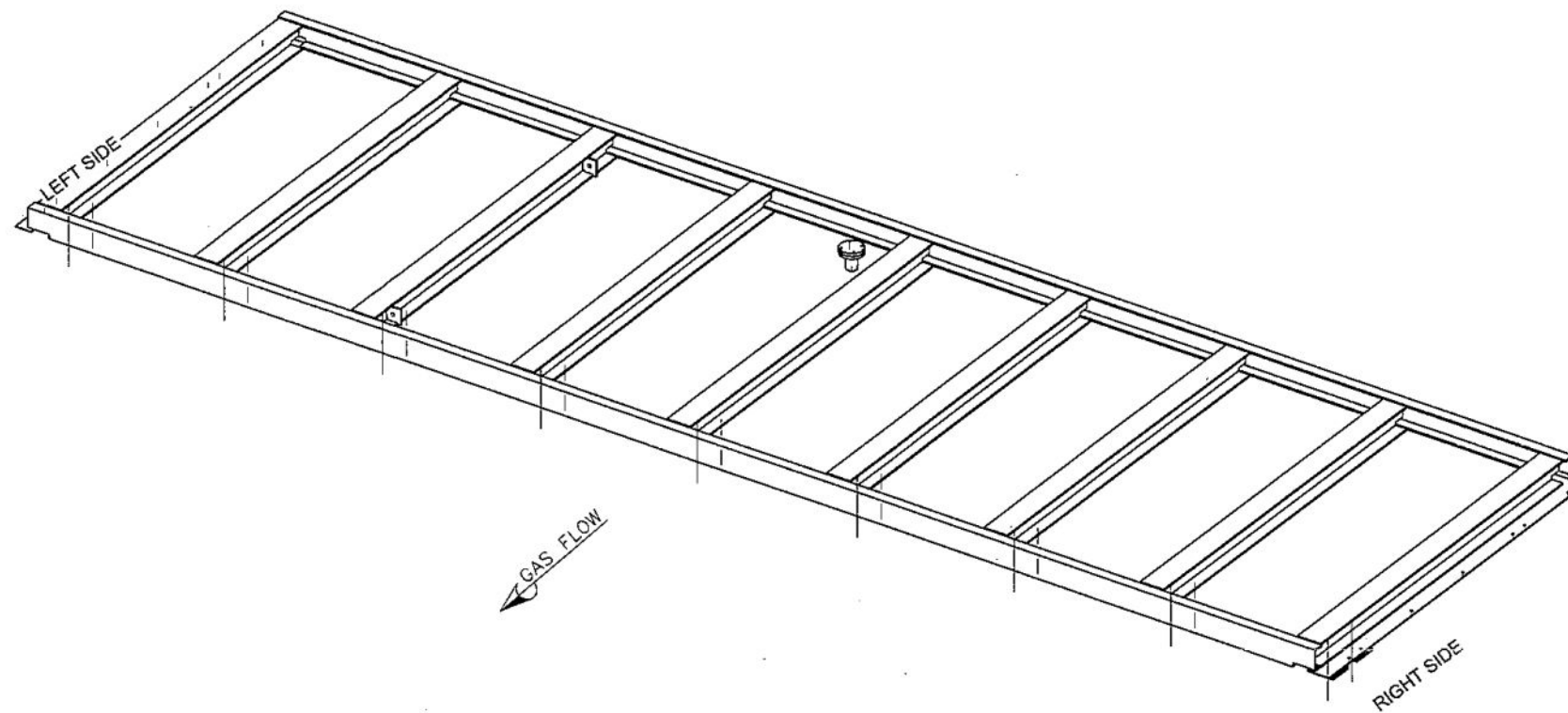


| | |
|--------------------------|-------------|
| VOGT POWER INTERNATIONAL | |
| Review Waived | |
| Bell, Milton | Mar-28-2016 |

| MATERIAL LIST FOR ASSEMBLY MK'D | | | | | DWCO/SCR-B2-1 | | Q'TY : 1 No. Required | |
|---------------------------------|---|-------|--------|------|----------------|---------|-----------------------|--|
| Part No. | Description | Width | Length | Q'ty | Material | Weight | Area | |
| 2m-24 | C-200X90X8X13.5 | | 11159 | 2 | G3101 SS400 | 677.13 | 16.44 | |
| 2m-25 | H-200X200X8X12 | | 3309 | 9 | G3101 SS400 | 1485.21 | 33.80 | |
| 2m-48 | PIPE 3" SCH.40 (OD.68.9 X 5.49 THK.) | | 146 | 1 | A-105 Gr.B | 1.65 | 0.04 | |
| 2m-49 | PIPE 6" SCH.XXS (OD.168.3 X 21.95 THK.) | | 156 | 18 | A-53 Gr.B | 189.73 | 1.69 | |
| 2p-28 | PL-19 | 200 | 216 | 18 | G3101 SS400 | 115.98 | 1.81 | |
| 2p-37 | PL-12 | 120 | 132 | 4 | G3101 SS400 | 5.97 | 0.14 | |
| 2p-7 | CASING PL-6 | 3299 | 11389 | 1 | G3101 SS400 | 1731.42 | 36.89 | |
| 2m-52 | INSULATION, 2" THK, 8# DENSITY | | OD.125 | 72 | SUPERWOOL PLUS | 0.22 | 2.84 | |
| 2p-36 | Gasket 3 mm.Thk. for 150# RF.SO. Flange | | - | 1 | NON-METALLIC | 0.00 | 0.02 | |
| 2m-54 | 3"NB-150# RF.BLIND.FLANGE | | - | 1 | A-105 | 5.50 | 0.07 | |
| 2m-53 | 3" NB-150# RF.SLIP ON FLANGE TO SUIT SCH.40 | | - | 1 | A-105 | 4.50 | 0.07 | |
| SB1675 | HEX BOLT M16X75 WITH NUT | | | 4 | A307 | 0.53 | 0.00 | |
| Total | | | | | | 4217.83 | 93.83 | |




ISOMETRIC VIEW

VOGT POWER INTERNATIONAL
V17494-DWXD-7328-01
22-Mar-2016

Q'ty 1 PC(s) REQUIRED MARKED DWCO/SCR-B2

| 1 | 08/03/20 | REV. REF. V17494-DWND-0028 (REV.3) | S.Kitsana | | |
|------|----------|------------------------------------|-----------|-------|---------|
| 0 | 03/02/20 | FIRST ISSUE | S.Kitsana | | |
| REV. | DATE. | DESCRIPTION | DRAWN | CHKD. | APPROD. |

| | |
|---|--|
| 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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|  VISAVAKIT PATANA CORPORATION LIMITED OFFICE : 215/148-149 Prachard 1 Road , Bangkok 10800 Tel. : 0-2585-2556-8 Fax : 0-2587-8068 PLANT 1 : 28/2 Moo 4 , Soi Chai Uo , Pathumthani 12000 Tel.:0-2975-2811-4 Fax: 0-2975-2815 PLANT 2 : 52 Moo7 , Kubangluang , Ladlumkaew , Pathumthani 12140 Tel.:0-2979-4001-9 Fax: 0-2979-4010 www.vipco-thai.com Email : vipco@vipco-thai.com | |

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|----------------------|--|----------------------------------|--|-------------|
| TITLE | | VOGT POWER INTERNATIONAL | | ISO-A (Rev) |
| | | MIDDELTOWN ENERGY CENTER PROJECT | | |
| | | CO / SCR DUCT (CASING) | | JOB NO. |
| | | BOTTOM PANEL | | 1711 |
| REF.DWG.NO. | | VIPCO DWG.NO. | | REV |
| Y15-1711-E0201~E0203 | | Y15-1711- DWCO/SCR-B2-01 | | 1 |