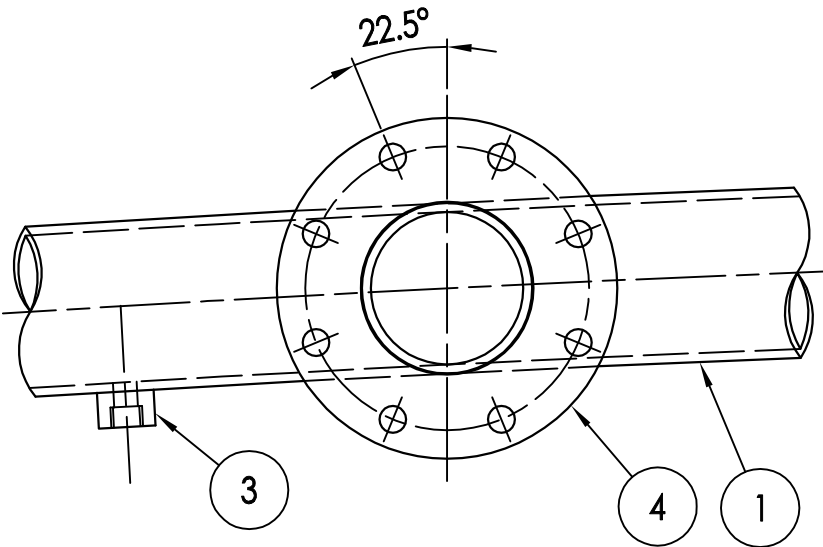


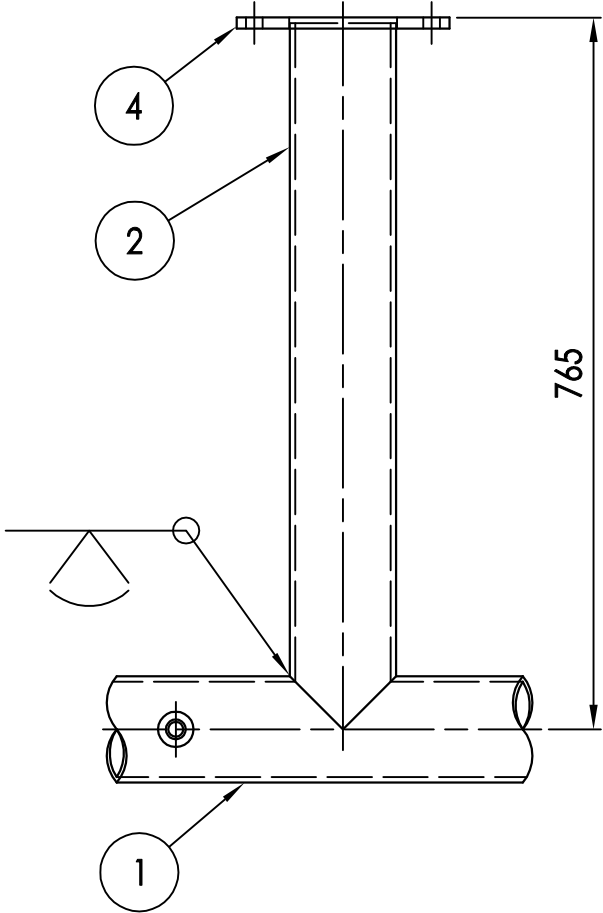
| ITEM NO. | WT. EA. (kg) | QTY | MATERIAL | DESCRIPTION |
|----------|--------------|-----|-------------|-------------------------------------|
| 1 | 78.0 | 1 | A53 Gr B | PIPE Ø4", SCH STD x 4853 |
| 2 | 12.0 | 1 | A53 Gr B | PIPE Ø4", SCH STD x 761 |
| 3 | -- | 3 | STL, FORGED | CPLG, PIPE, HALF, CL 3000, 1/2" FPT |
| 4 | 3.0 | 3 | A36 STL | PL 12 x 116 I.D x 229 O.D |

Total weight : 99.0 kg

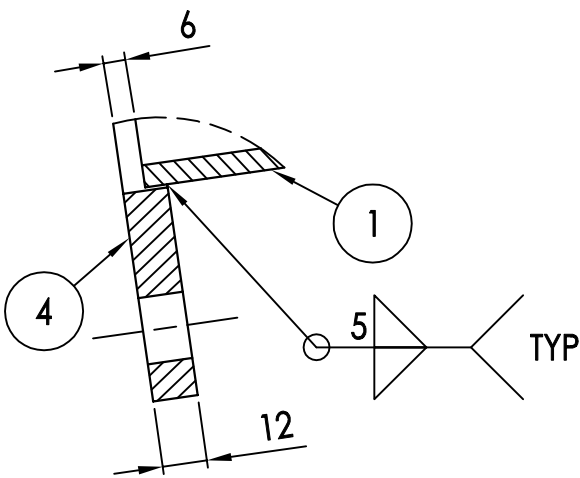
DETAIL A



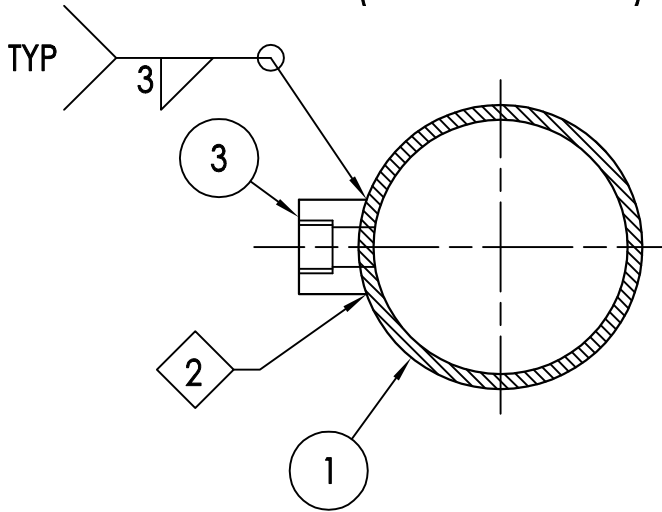
VIEW B-B



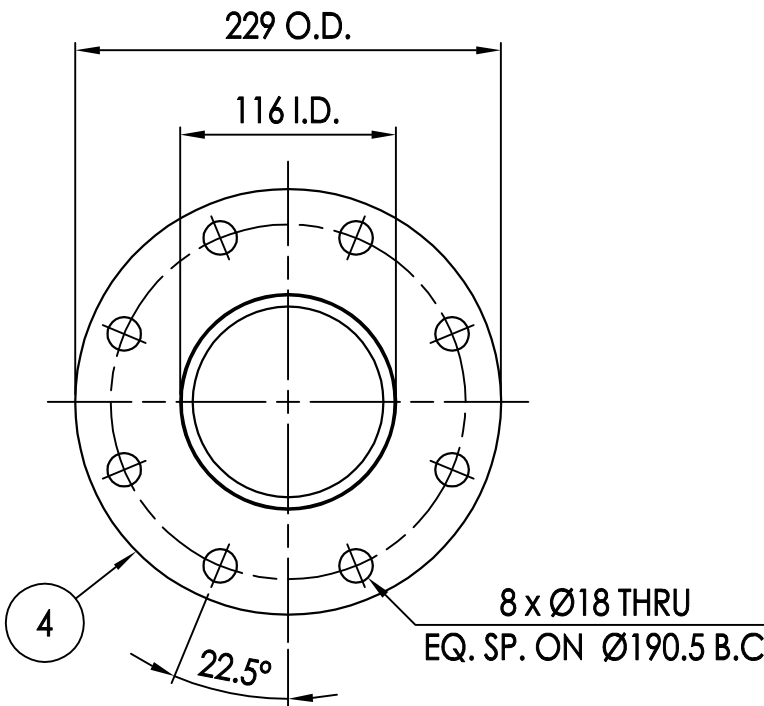
DETAIL C
(TYPICAL FLANGE DETAIL)



SECTION D-D
(TYPICAL 2 PLACES)



VIEW E-E



Notes:

- Flange bolt holes are to straddle natural center lines.
- Provide suitable opening on Item 1

| | | | | |
|---|-------|-------------|--------------|--------------------|
| 5 | | | | |
| 4 | | | | |
| 3 | | | | |
| 2 | | | | |
| 1 | MATMA | JHD/VPE | 08-Mar-13 | Initial Release |
| | Drawn | Appr. | Apr. Date | Zone/Description |
| Scale: N/A | | | | Language Rev.: --- |
| PIPE, SPRAY, Ø4" | | | | |
| Mat.: | N/A | Weight: | N/A | Welds: AWS |
| Based on: | | 653552 | | ISO-A |
| Unless otherwise specified, adhere to General Workshop Instruction No: ES0001 | | | Replacing: | N/A |
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| Original S.O. CSP0000671-04 | | No.: 658634 | | Content Rev.: 1 |