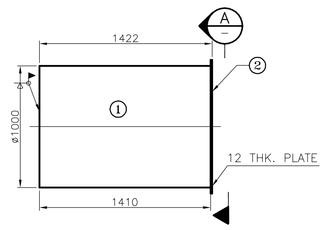
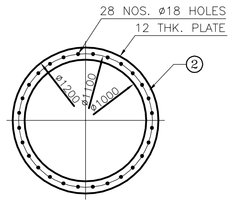
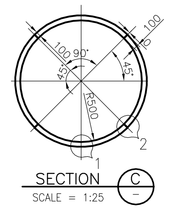



DUCT PART MKD.
28763-UTL-0069/F-01
QTY. – 01 NO.




SECTION A
SCALE = 1:25

DUCT PART MKD.
28763-UTL-0069/F-03
QTY. – 01 NO.

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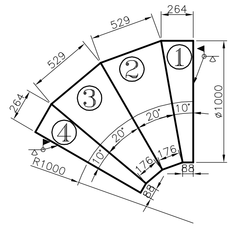
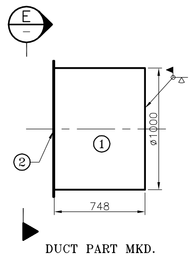
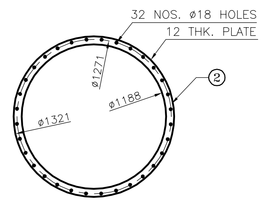
SCALE = 1:25




DUCT PART MKD.
28763-UTL-0069/F-08
QTY. – 01 NO.




DUCT PART MKD.
28763-UTL-0069/F-12
QTY. – 01 NO.

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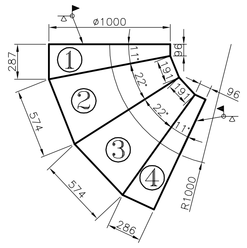
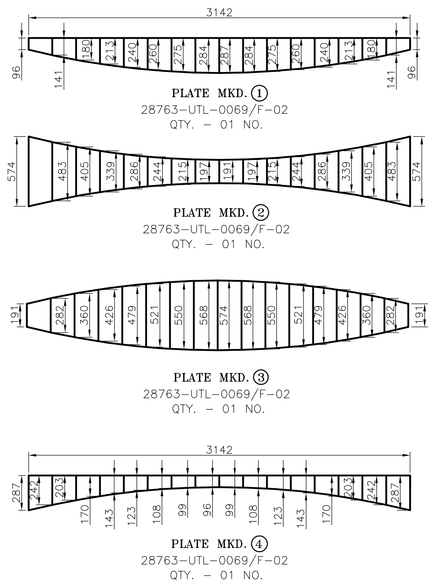
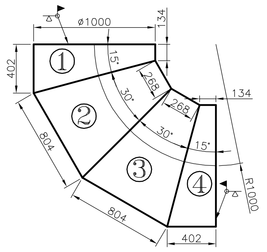
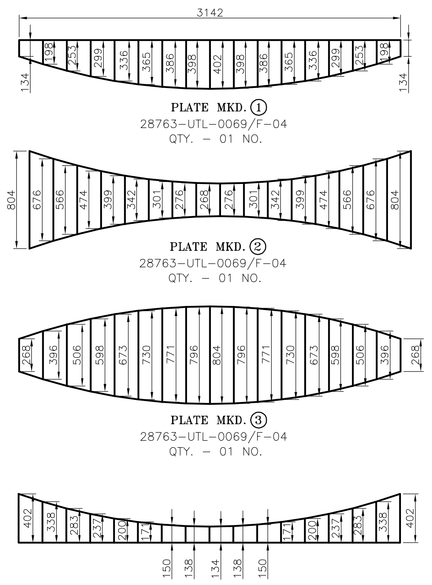


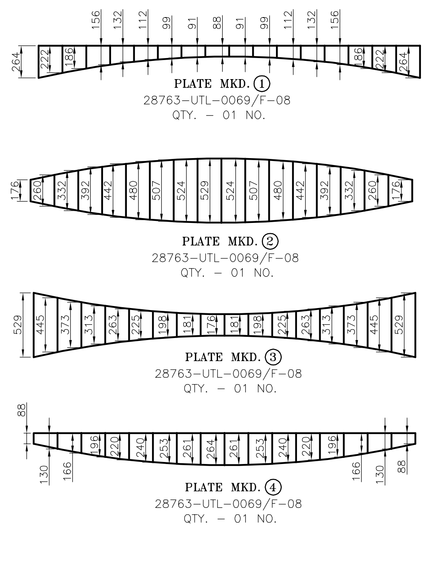

DUCT PART MKD.
28763-UTL-0069/F-02
QTY. – 01 NO.

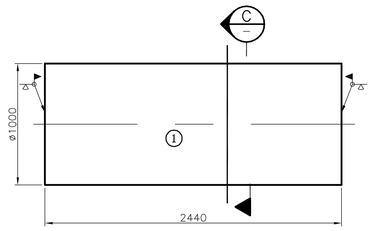


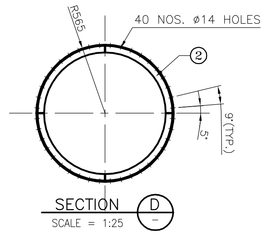

DUCT PART MKD.
28763-UTL-0069/F-04
QTY. – 02 NOs.



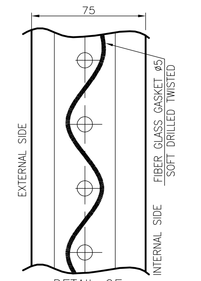



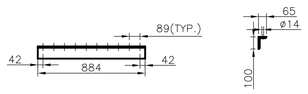

DUCT PART MKD.
28763-UTL-0069/F-15
QTY. – 01 NO.

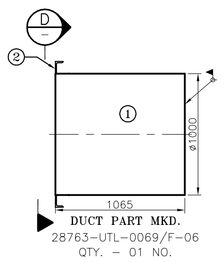



SECTION D
SCALE = 1:25

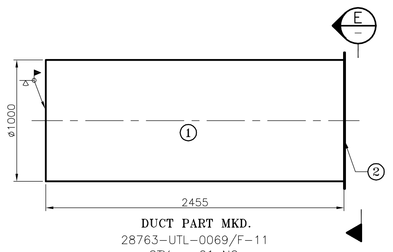



DETAIL OF GASKET POSITION
(SCAL–1:2)

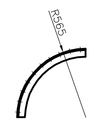


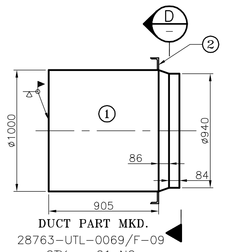

DUCT PART MKD.
28763-UTL-0069/F-06
QTY. – 01 NO.



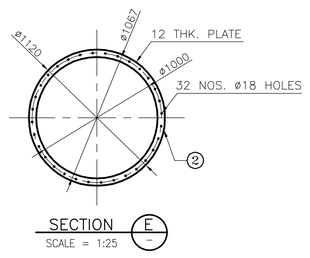

DUCT PART MKD.
28763-UTL-0069/F-11
QTY. – 01 NO.



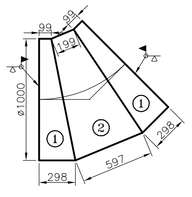

ITEM MARKED ②
ANGLE PIECE
QTY. – 4 NOS.



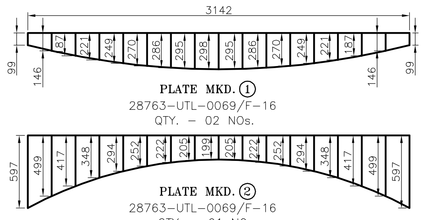

DUCT PART MKD.
28763-UTL-0069/F-09
QTY. – 01 NO.

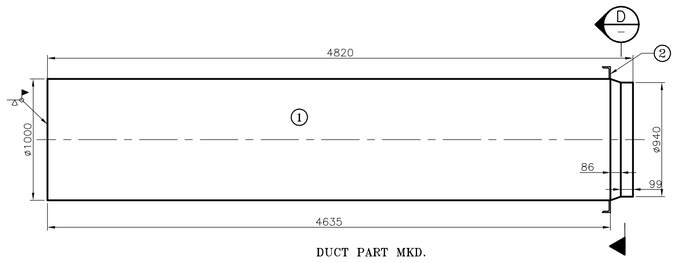



SECTION E
SCALE = 1:25

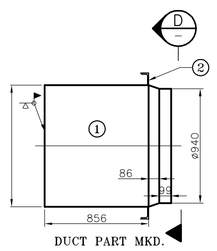



DUCT PART MKD.
28763-UTL-0069/F-16
QTY. – 01 NO.




DUCT PART MKD.
28763-UTL-0069/F-05
QTY. – 01 NO.

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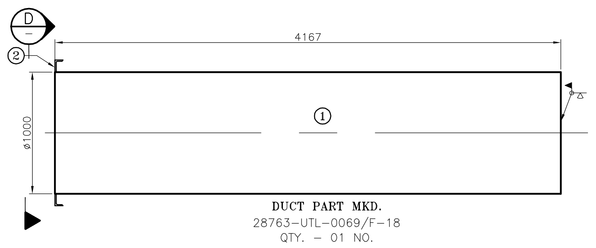
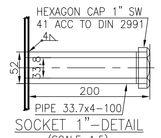
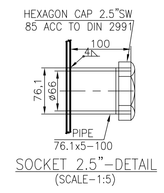
28763-UTL-0069/F-17
QTY. – 01 NO.



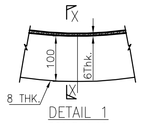

DUCT PART MKD.
28763-UTL-0069/F-18
QTY. – 01 NO.



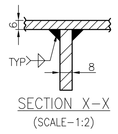

SOCKET 1"–DETAIL
(SCALE–1:5)



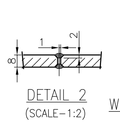

SOCKET 2.5"–DETAIL
(SCALE–1:5)



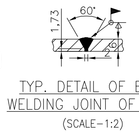

DETAIL 1
(SCALE–1:10)



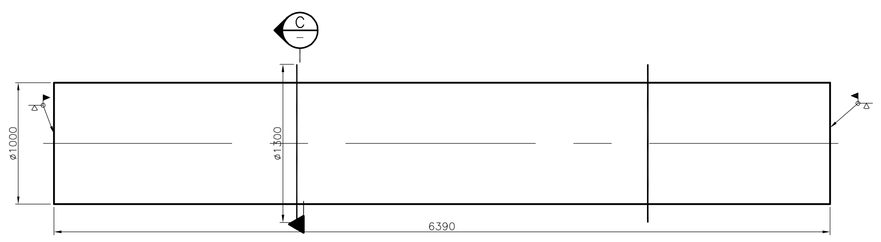

SECTION X–X
(SCALE–1:2)



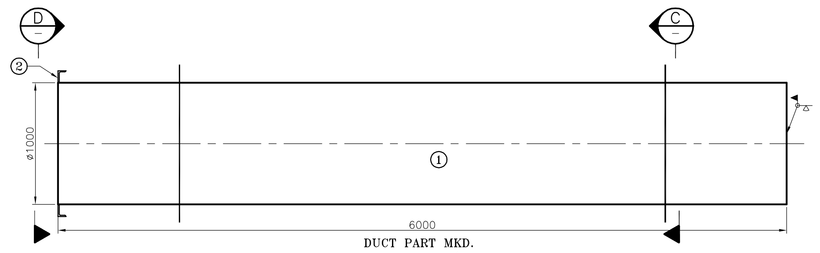

DETAIL 2
(SCALE–1:2)



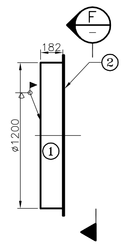

TYP. DETAIL OF BUTT WELDING JOINT OF DUCT
(SCALE–1:2)



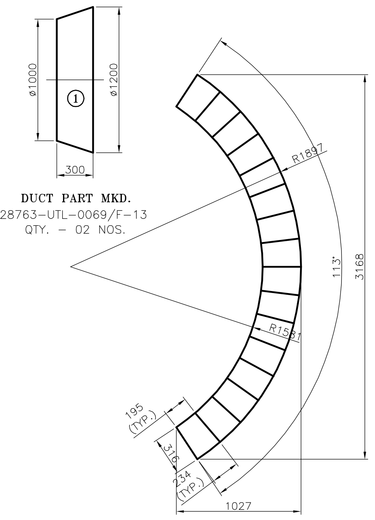

DUCT PART MKD.
28763-UTL-0069/F-07
QTY. – 01 NO.




DUCT PART MKD.
28763-UTL-0069/F-10
QTY. – 01 NO.




DUCT PART MKD.
28763-UTL-0069/F-14
QTY. – 02 NOS.




DUCT PART MKD.
28763-UTL-0069/F-013
QTY. – 02 NOS.

| EREC. MARK | SL. NO. | ITEM NO. | DESCRIPTION | UNIT WT.OF MATERIAL | UNIT WT./PC KGS. | QTY. OF ITEM | TOTAL WT. (KGS) | SPECIFICATION & GRADE | WT. OF EREC. MARK |
|---|---|---|---|---|---|---|---|---|---|
| F–18 | | 2 | L100x65x884 | – | 7 | 4 | 28 | ASTM A36 | 653 |
| | | 1 | PL 3142x4167x6thk | – | 625 | 1 | 625 | ASTM A36 | |
| F–17 | | 2 | L100x65x884 | – | 7 | 4 | 28 | ASTM A36 | 184 |
| | | 1 | PL 3142x1041x6thk | – | 156 | 1 | 154 | ASTM A36 | |
| F–16 | | 2 | PL 3142x597x6thk | – | 88 | 1 | 88 | ASTM A36 | 176 |
| | | 1 | PL 3142x298x6thk | – | 44 | 2 | 88 | ASTM A36 | |
| F–15 | | 2 | PL 0.35 Sq.m. (8 THK.) | – | 22 | 1 | 22 | ASTM A36 | 388 |
| | | 1 | PL 3142x2440x6thk | – | 366 | 1 | 366 | ASTM A36 | |
| F–14 | | 2 | PL 0.26 Sq.m. (12 THK.) | – | 25 | 2 | 50 | ASTM A36 | 120 |
| | | 1 | PL 3770x194x6thk | – | 35 | 2 | 70 | ASTM A36 | |
| F–13 | | 1 | PL 3168x1027x6thk | – | 153.5 | 2 | 153.5 | ASTM A36 | 307 |
| F–12 | | 2 | PL 0.2 Sq.m. (12 THK.) | – | 19 | 1 | 19 | ASTM A36 | 133 |
| | | 1 | PL 3142x756x6thk | – | 114 | 1 | 114 | ASTM A36 | |
| F–11 | | 2 | PL 0.2 Sq.m. (12 THK.) | – | 19 | 1 | 19 | ASTM A36 | 389 |
| | | 1 | PL 3142x2463x6thk | – | 370 | 1 | 370 | ASTM A36 | |
| F–10 | | 2 | L100x65x884 | – | 7 | 4 | 28 | ASTM A36 | 918 |
| | | 1 | PL 3142x6000x6thk | – | 900 | 1 | 900 | ASTM A36 | |
| F–09 | | 2 | L100x65x884 | – | 7 | 4 | 28 | ASTM A36 | 190 |
| | | 1 | PL 3142x1075x6thk | – | 162 | 1 | 162 | ASTM A36 | |
| F–08 | | 4 | PL 3142x264x6thk | – | 39 | 1 | 39 | ASTM A36 | 235 |
| | | 3 | PL 3142x529x6thk | – | 78.5 | 1 | 78.5 | ASTM A36 | |
| | | 2 | PL 3142x529x6thk | – | 78.5 | 1 | 78.5 | ASTM A36 | |
| | | 1 | PL 3142x264x6thk | – | 39 | 1 | 39 | ASTM A36 | |
| F–07 | | 2 | PL 0.35 Sq.m. (8 THK.) | – | 22 | 2 | 44 | ASTM A36 | 1002 |
| | | 1 | PL 3142x6390x6thk | – | 958 | 1 | 958 | ASTM A36 | |
| F–06 | | 2 | L100x65x884 | – | 7 | 4 | 28 | ASTM A36 | 188 |
| | | 1 | PL 3142x1065x6thk | – | 160 | 1 | 160 | ASTM A36 | |
| F–05 | | 2 | L100x65x884 | – | 7 | 4 | 28 | ASTM A36 | 751 |
| | | 1 | PL 3142x4820x6thk | – | 723 | 1 | 723 | ASTM A36 | |
| F–04 | | 4 | PL 3142x402x6thk | – | 59.5 | 2 | 119 | ASTM A36 | 714 |
| | | 3 | PL 3142x804x6thk | – | 119 | 2 | 238 | ASTM A36 | |
| | | 2 | PL 3142x804x6thk | – | 119 | 2 | 238 | ASTM A36 | |
| | | 1 | PL 3142x402x6thk | – | 59.5 | 2 | 119 | ASTM A36 | |
| F–03 | | 2 | PL 0.35 Sq.m. (8 THK.) | – | 22 | 1 | 22 | ASTM A36 | 595 |
| | | 1 | PL 3142x3817x6thk | – | 573 | 1 | 573 | ASTM A36 | |
| F–02 | | 4 | PL 3142x287x6thk | – | 42.5 | 1 | 42.5 | ASTM A36 | 255 |
| | | 3 | PL 3142x574x6thk | – | 85.0 | 1 | 85.0 | ASTM A36 | |
| | | 2 | PL 3142x574x6thk | – | 85.0 | 1 | 85.0 | ASTM A36 | |
| | | 1 | PL 3142x287x6thk | – | 42.5 | 1 | 42.5 | ASTM A36 | |
| F–01 | | 2 | PL 0.35 Sq.m. (12 THK.) | – | 33 | 1 | 33 | ASTM A36 | 244 |
| | | 1 | PL 3142x1410x6thk | – | 212 | 1 | 212 | ASTM A36 | |

| No. | DATE | ZONE | REMARKS | BY | APP. | DRG. No./DETAILS |
|---|---|---|---|---|---|---|
| | | | REVISION | | | REFERENCE DRAWINGS |

NOTE:
1) ALL DIMENSIONS ARE IN mm
2) FOR SUPPORT MARKING DETAIL REF LAYOUT DRG. NO. 28763–63A–VBD–UTL–0069.
3) F.F.L (FINISHED FLOOR LEVEL) ±0.00 CORRESPONDING TO RL +7.1 M
4) F.G.L (FINISHED GROUND LEVEL) –600 CORRESPONDING TO RL +6.5 M
5) ALL WELDING SHALL BE 4MM FILLET UNLESS OTHERWISE STATED.

NOTES

DASTUR

APPROVAL

APPROVED FOR CONSTRUCTION
SIGNATURE:
DATE: 31/10/2017
M.N.DASTUR AND COMPANY (P) LTD. KOLKATA

| REV. | DEPT | BY | DATE |
|---|---|---|---|
| | | | |

Controlled Copy For Internal Circulation — UTL

DISTRIBUTION

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| IAC | | CNT | |
| LTL | | INS | |
| STR | | PRS | |
| UTL | | CON | |
| WTS | | | |
| COB | | CHN– | |
| CRF | | CHN– | |
| IRM | | CHN– | |
| MMH | | MUM– | |
| PML | | MUM– | |
| RLM | | PM | |
| STM | | SITE | |

M. N. DASTUR & COMPANY (P) LTD
CONSULTING ENGINEERS, KOLKATA

| SCALE | 1:25 | DATE | FOR GPH ISPAT LIMITED CHITTAGONG,BANGLADESH |
|---|---|---|---|
| DSGND. BY | | 10.07.2017 | |
| DRAWN BY | MNGA | 10.07.2017 | GPH DRG. No. |
| CHKD. BY | | 31.10.2017 | INSTALLATION OF 0.8 MTPY INTEGRATED STEEL PLANT PROJECT |
| APPVD. BY | | 31.10.2017 | DETAIL DRAWING OF FUME EXTRACTION DUCT FOR LADLE FURNACE |

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JOB No. 28763 | DRG. No. 28763-63A-VBD-UTL-0070 | REV. 0