

## REFERENCE DRAWINGS

| TITLE  | DWG. No.          |
|--|-------------------|
| General Arrangement Drawing                        | 286-101-ME-DW-014 |
| Steel Structure Ladder, Platform & Grating Drawing | 286-101-ME-DW-016 |
| Fan & Motor Support                                | 286-101-ME-DW-019 |
| Fan Data Sheets                                    | 286-101-ME-DS-002 |

1. ALL DIMENSIONS ARE IN mm EXCEPT SPECIFIED
  2. MARKING : 17182-AC 10101-PL-PART NO.
  3. SURFACE PROTECTION : HOT DIP GALVANIZED  
ACCORDING TO ASTM A123 & A153 OR DIN 267  
PAINTING ACCORDING TO 286-101-ME-PR-037
- BOLT ARE M12x40 BOLTING : DIN EN ISO 4017,  
DIN EN ISO 4032
4. TWO FLAT WASHER : DIN 125
  5. TOTAL REQUIRED QUANTITY FOR M12x40=  
330(SETS/UNIT)
  6. QUANTITY : 8x4=32

| 03   | 11.04.2021 | AS BUILT NOT SEND     | M.F.  | Z.Z   | P.K   |            |
|------|------------|-----------------------|-------|-------|-------|------------|
| 02   | 07.04.2021 | AS BUILT NOT SEND     | Z.Z   | M.F   | P.K   |            |
| 01   | 06.04.2021 | Issue For Information | F.M   | Z.Z   | P.K   |            |
| 00   | 02.03.2021 | Issue For Information | M.F   | F.H   | P.K   |            |
| REV. | DATE       | DESCRIPTION           | REC.  |       |       |            |
|      |            |                       | DSEG. | CHKD. | APPR. | PROJ. MGR. |

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JOINT VENTURE OF:



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CO.

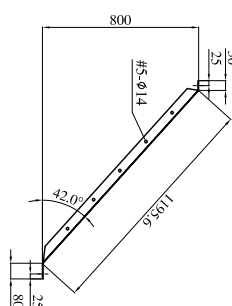
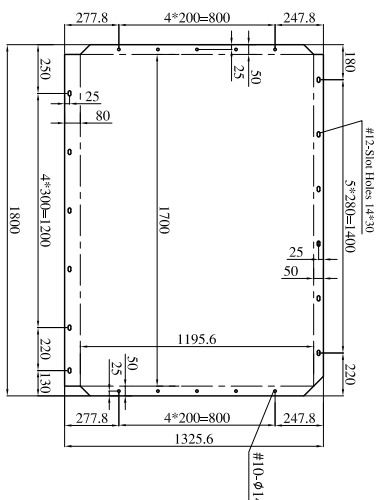
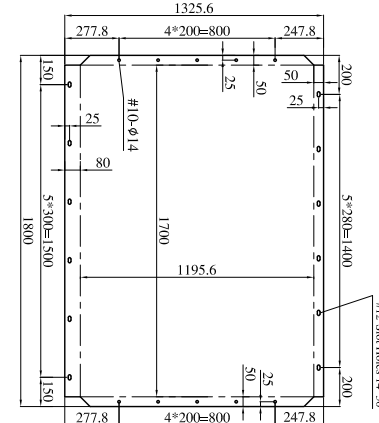
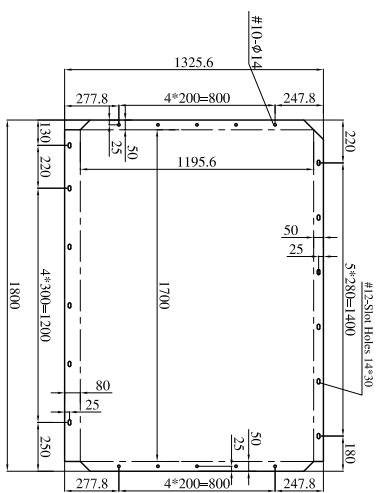
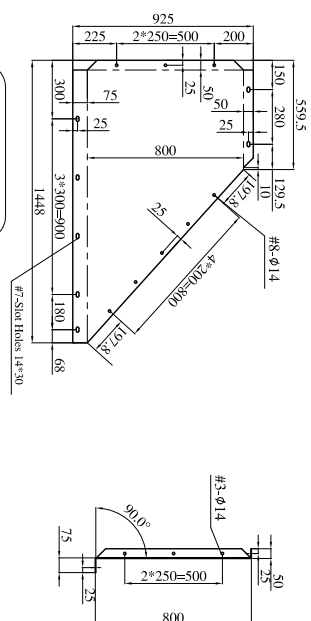
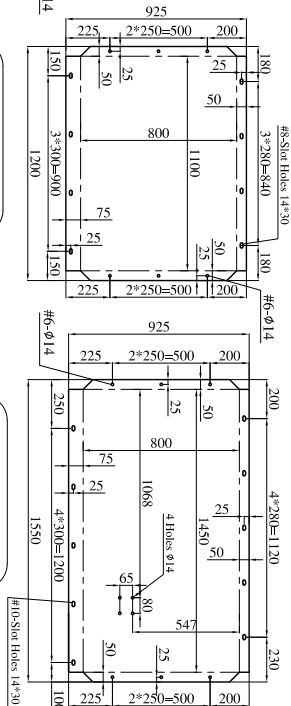
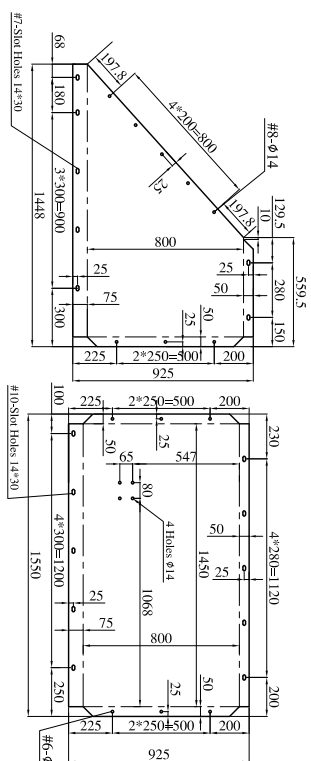
DESIGN & INSPECTION  
CO.

PROJECT:  
NORABAD GAS COMPRESSOR STATION  
PROJECT ON IGAT X  
(CONTRACT NO.: 01/791107)

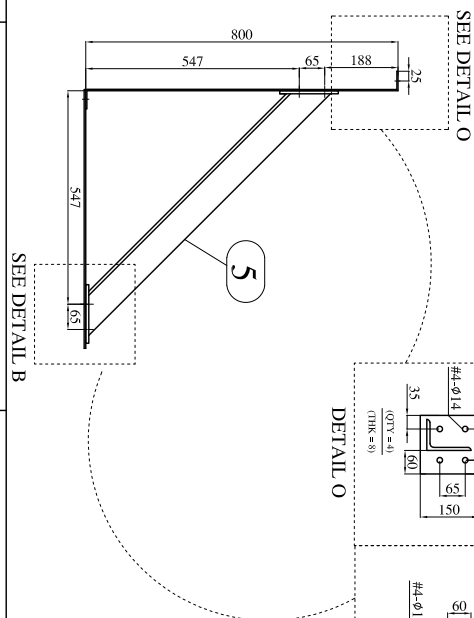
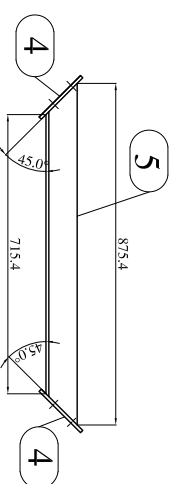
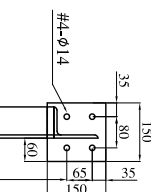
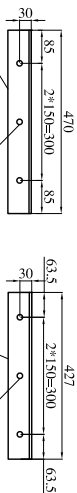
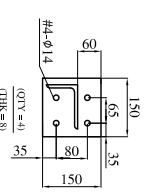
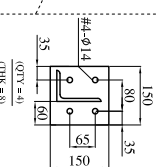
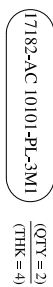
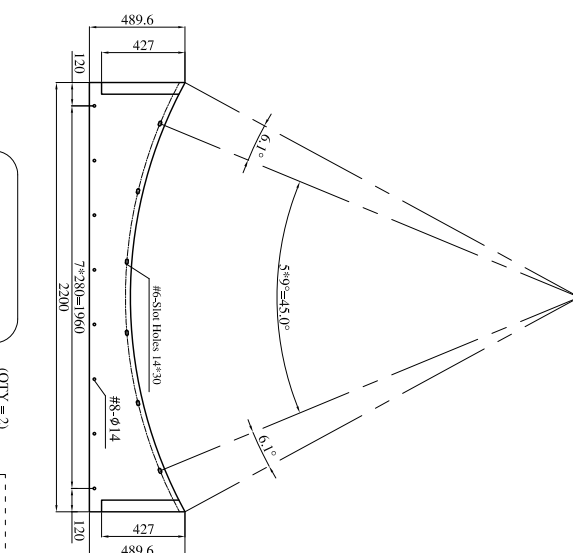
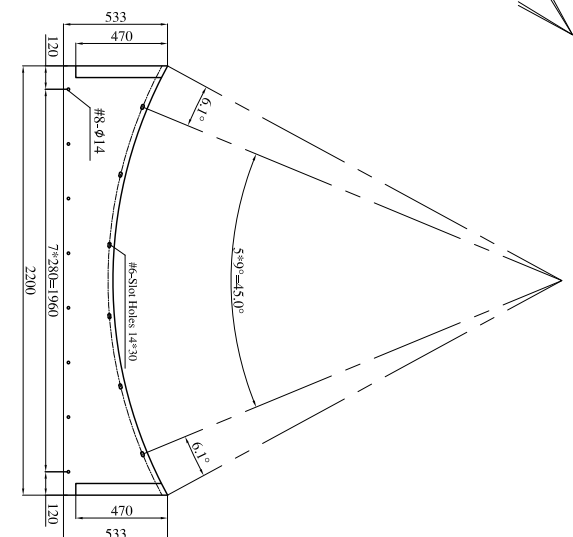
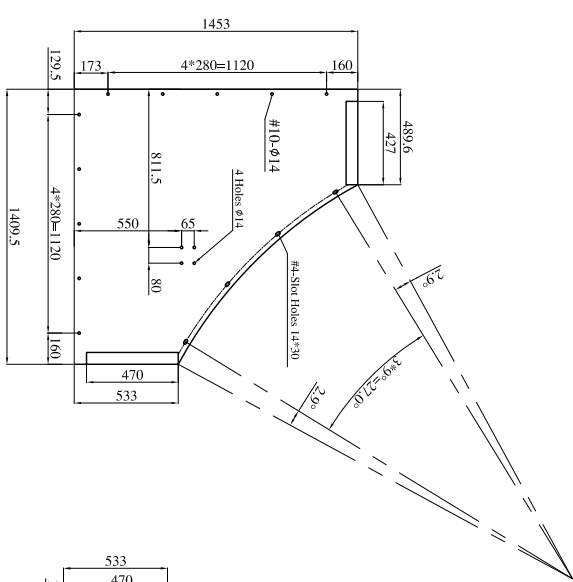
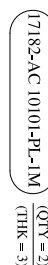
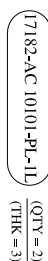
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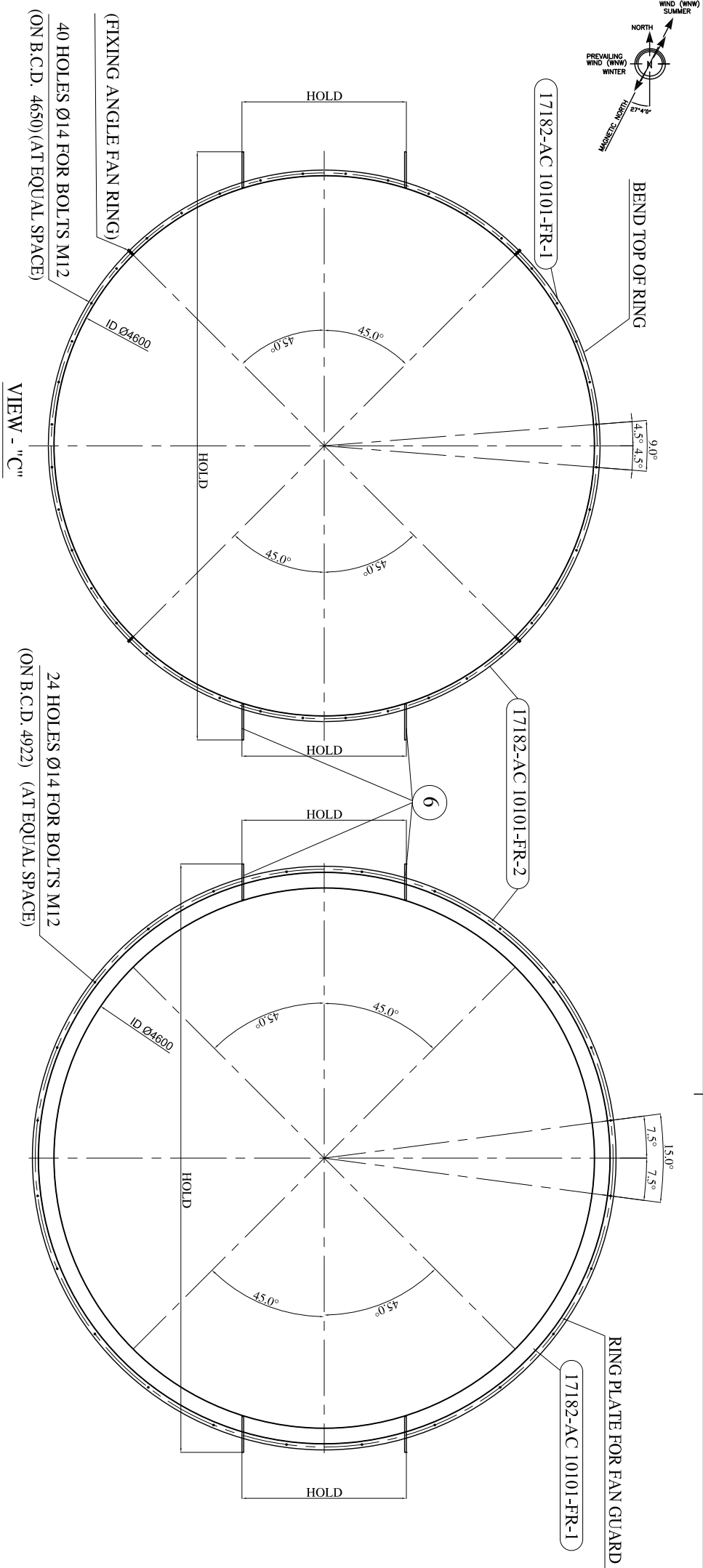
## JOINT DETAIL

| Plenum & Fan Ring AC-10101A/B/C-D |      |        |       |                   |      |
|-----------------------------------|------|--------|-------|-------------------|------|
| DRAWN                             | SIZE | SHEET  | SCALE | DRAWING NO.       | REV. |
| *****                             | A3   | 1 OF 4 | NONE  | 286-101-ME-DW-020 | 03   |

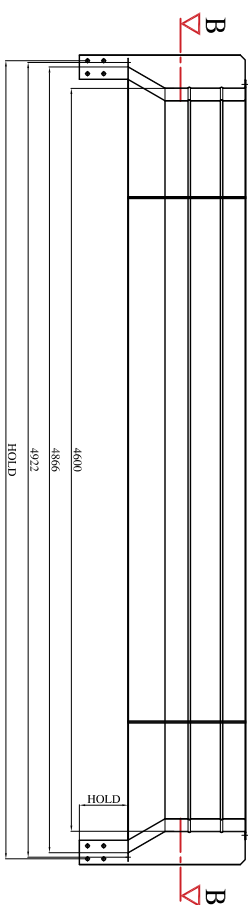


| PART LIST FOR ONE UNITE PLENUM 17182 |                 |          |     |          |          |
|--------------------------------------|-----------------|----------|-----|----------|----------|
| NO                                   | DIMENSION       | MATERIAL | QTY | U.WEIGHT | T.WEIGHT |
| 1L                                   | 1800*1325,6*3   | A36      | 2   | 56       | 112      |
| 1R                                   | 1800*1325,6*3   | A36      | 2   | 56       | 112      |
| 1M                                   | 1800*1325,6*3   | A36      | 2   | 56       | 112      |
| 2L                                   | 1448*925*3      | A36      | 2   | 31.5     | 63       |
| 2R                                   | 1448*925*3      | A36      | 2   | 31.5     | 63       |
| 2M1                                  | 1550*925*3      | A36      | 2   | 33.5     | 67       |
| 2M2                                  | 1200*925*3      | A36      | 2   | 26       | 52       |
| 2M3                                  | 1550*925*3      | A36      | 2   | 33.5     | 67       |
| 3L                                   | 1453*1409,5*4   | A36      | 2   | 64       | 128      |
| 3R                                   | 1453*1409,5*4   | A36      | 2   | 64       | 128      |
| 3M1                                  | 2200*533*4      | A36      | 2   | 36.5     | 73       |
| 3M2                                  | 2200*489,6*4    | A38      | 2   | 33.5     | 67       |
| 4                                    | 150*150*8       | A36      | 8   | 2        | 16       |
| 5                                    | 180*80*8,1875,5 | A36      | 4   | 7        | 28       |
| 6                                    | 160*60*6-L 470  | A36      | 8   | 2.5      | 20       |
| 7                                    | 160*60*6-L 427  | A36      | 8   | 2        | 16       |
| 8                                    | M12*40          | A325     | 316 |          |          |
| T.WEIGHT(㎏)                          |                 |          |     |          | 1124     |

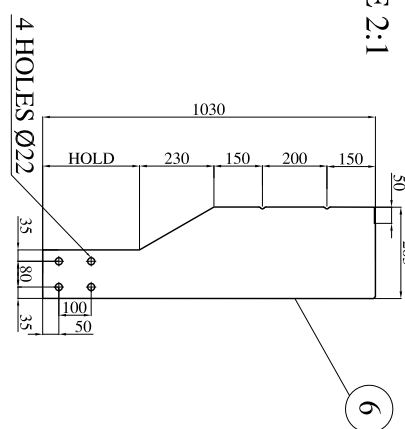
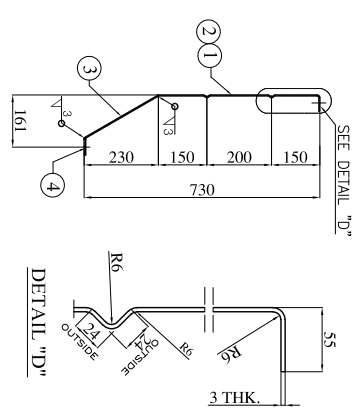
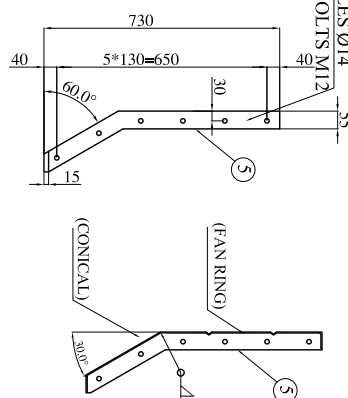
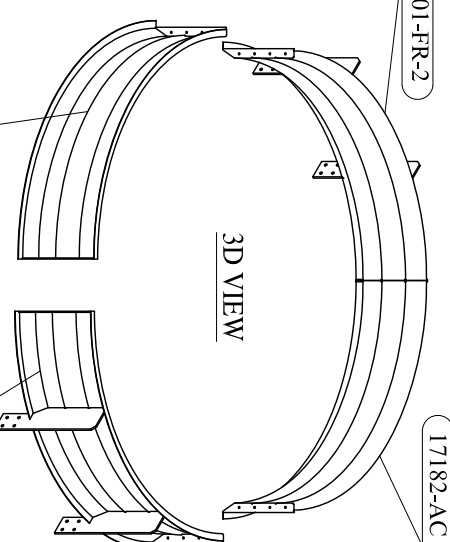
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| PART LIST FOR ONE UNIT           |                   |                  |      |                                 |                         |                     |
|----------------------------------|-------------------|------------------|------|---------------------------------|-------------------------|---------------------|
| NO.                              | DIMENSION<br>(mm) | MATERIAL         | QTY. | WEIGHT<br>(Kg)                  | TOTAL<br>WEIGHT<br>(Kg) | MARKING             |
| 1                                | 3600x420x3        | A36              | 2    | 36                              | 72                      | 17182-AC 10101-FR-1 |
| 2                                | 3600x420x3        | A36              | 2    | 36                              | 72                      | 17182-AC 10101-FR-2 |
| 3                                | 3815x115x3        | A36              | 4    | 10                              | 40                      | --                  |
| 4                                | 3854x50x5         | A36              | 4    | 8                               | 32                      | --                  |
| 5                                | 6000x55x8         | A36              | 8    | 2                               | 16                      | --                  |
| 6                                | 1030x283x15       | A36              | 4    | 34                              | 136                     | --                  |
| 7                                | M12x40            | A325 [24 (Sets)] |      | BOLT /NUT /Z.F.WASHER /S.WASHER |                         |                     |
| TOTAL WEIGHT FOR ONE UNIT (Kg) : |                   |                  |      |                                 | 368                     |                     |



SECTION "B-B"



|      |            |                       |        |       |       |            |
|------|------------|-----------------------|--------|-------|-------|------------|
|      |            |                       |        |       |       |            |
|      |            |                       |        |       |       |            |
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| REV. | DATE       | DESCRIPTION           | DESIG. | CHKD. | APPR. | PROJ. MGR. |
|      |            |                       |        |       |       | REC.       |

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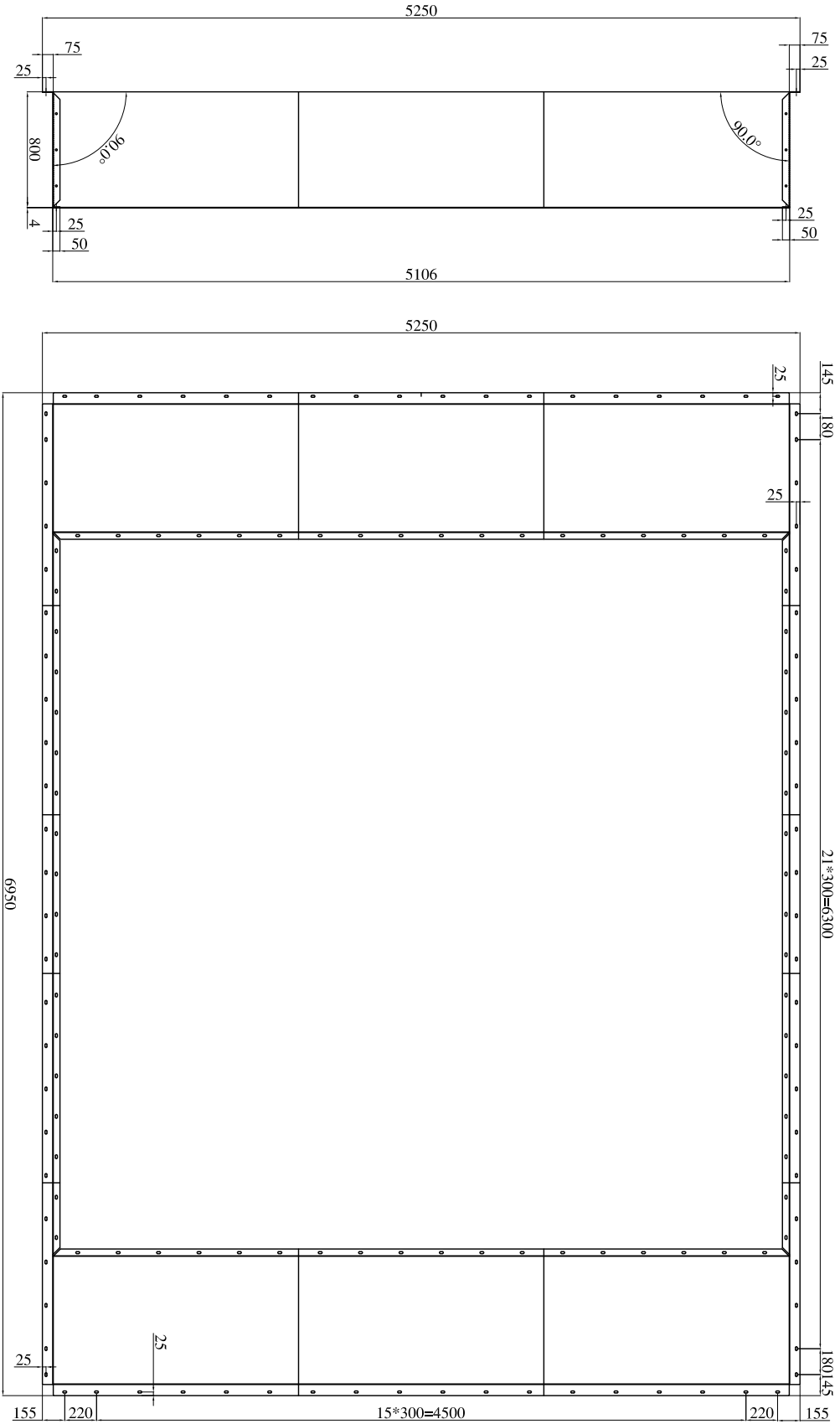
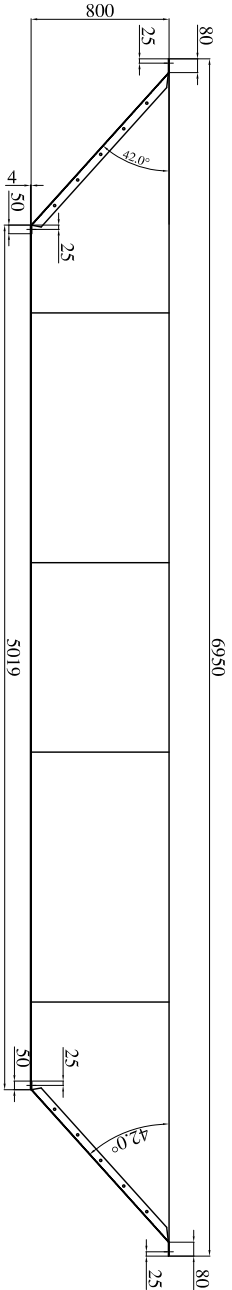


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|----------------------------------|----------------------------|
| HIRCAN ENERGY ENGINEERING<br>CO. | DESIGN & INSPECTION<br>CO. |
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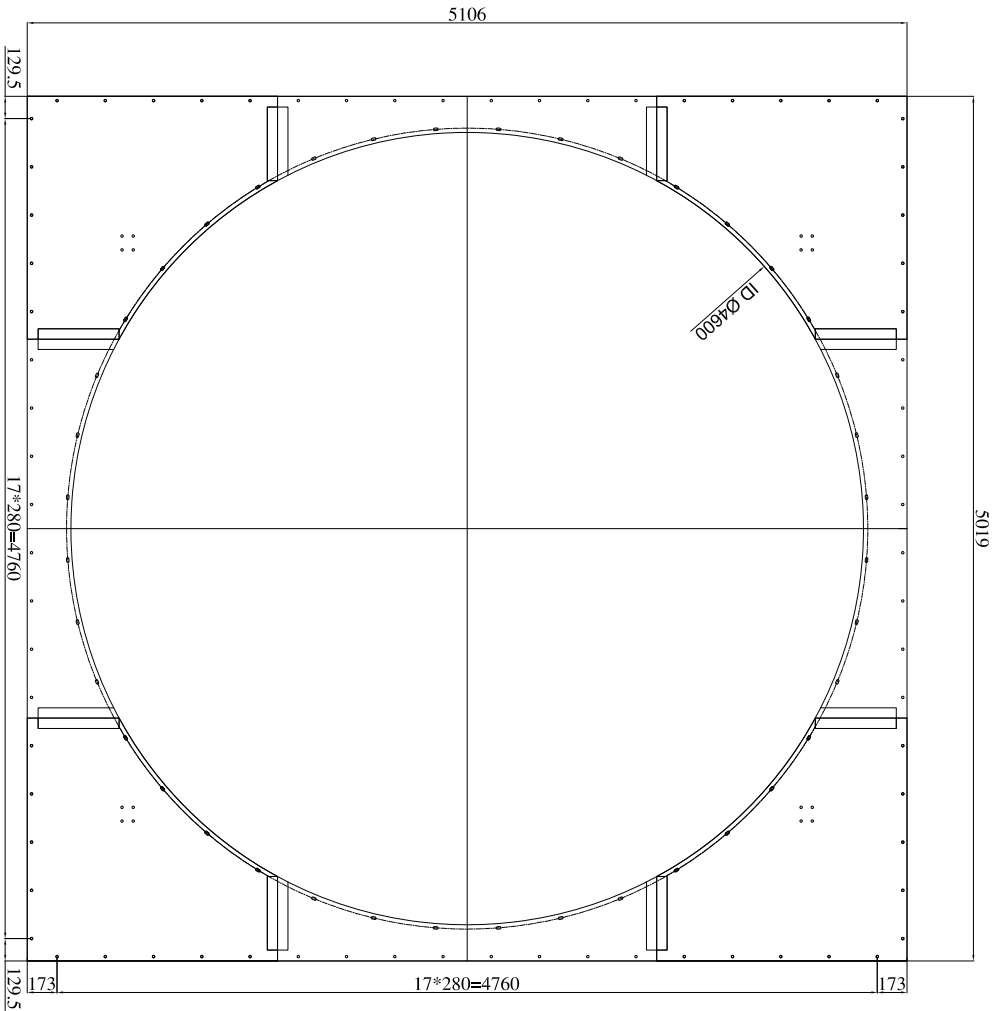
PROJECT:  
NORABAD GAS COMPRESSOR STATION  
PROJECT ON IGAT X  
(CONTRACT NO.: 01/791107)

DRAWING TITLE: Plenum & Fan Ring AC-10101A/B/C-D

|       |      |        |       |                   |      |
|-------|------|--------|-------|-------------------|------|
| DRAWN | SIZE | SHEET  | SCALE | DRAWING NO.       | REV. |
| ***** | A3   | 3 OF 4 | NONE  | 286-101-ME-DW-020 | 03   |



PLENUM ASSEMBLY



DECK ASSEMBLY

| REV. | DATE       | DESCRIPTION           | DESIG. | CHKD. | APPR. | PRJ. MGR. |
|------|------------|-----------------------|--------|-------|-------|-----------|
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| 00   | 02.03.2021 | Issue For Information | M.F    | F.H   | P.K   |           |

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IG.E.D.C  
IRANIAN GAS ENG. &  
DEVELOPMENT CO.

JOINT VENTURE OF:



HIRGAN ENERGY ENGINEERING  
CO.



DESIGN & INSPECTION  
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PROJECT: NORABAD GAS COMPRESSOR STATION  
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DRAWING TITLE: Plenum & Fan Ring AC-10101A/B/C-D

| DRAWN | SIZE | SHEET  | SCALE | DRAWING NO.       | REV. |
|-------|------|--------|-------|-------------------|------|
| ***** | A3   | 4 OF 4 | NONE  | 286-101-ME-DW-020 | 03   |