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|--------------------|---|-----------------------------|---|
| Project No.: 17187 |   | <b>MATERIAL REQUISITION</b> | <br><b>ABAN AIR-COOLER CO.</b> |
| Req. No.: 1600/4   |   |                             |   |
| Rev. No.: 02       |   |                             |   |
| Preliminary        |  | Code No.: QF-TE-02          | ENGINEERING DEPARTMENT  |
| Final              |  | Date & Rev.: 1393/09/10 - 4 | ERP : 133999  |
|                    |   |                             | SRD : 21.05.2021  |
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# MATERIAL REQUISITION FOR PLENUM & FAN RING

| 02   | 11.09.2021 | ISSUE FOR PROCUREMENT | Z. Zarei | F. Mohammadi | P. Karimizadeh |
|------|------------|-----------------------|----------|--------------|----------------|
| 01   | 16.06.2021 | ISSUE FOR PROCUREMENT | Z. Zarei | F. Mohammadi | P. Karimizadeh |
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| Rev. | Date       | Description           | Prepared | Checked      | Approved       |

|                    |   |                             |   |
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|                    |   |                             | SRD : 21.05.2021  |
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### TABULATION OF REVISED PAGE

| Page | Revisions |   |   |   |   |   |   | Remarks | Page | Revisions |   |   |   |   |   |   | Remarks |
|------|-----------|---|---|---|---|---|---|---------|------|-----------|---|---|---|---|---|---|---------|
|      | 0         | 1 | 2 | 3 | 4 | 5 | 6 |         |      | 0         | 1 | 2 | 3 | 4 | 5 | 6 |         |
| 1    | x         | x | x |   |   |   |   |         | 35   |           |   |   |   |   |   |   |         |
| 2    | x         |   | x |   |   |   |   |         | 36   |           |   |   |   |   |   |   |         |
| 3    | x         |   |   |   |   |   |   |         | 37   |           |   |   |   |   |   |   |         |
| 4    | x         |   |   |   |   |   |   |         | 38   |           |   |   |   |   |   |   |         |
| 5    | x         | x | x |   |   |   |   |         | 39   |           |   |   |   |   |   |   |         |
| 6    |           |   |   |   |   |   |   |         | 40   |           |   |   |   |   |   |   |         |
| 7    |           |   |   |   |   |   |   |         | 41   |           |   |   |   |   |   |   |         |
| 8    |           |   |   |   |   |   |   |         | 42   |           |   |   |   |   |   |   |         |
| 9    |           |   |   |   |   |   |   |         | 43   |           |   |   |   |   |   |   |         |
| 10   |           |   |   |   |   |   |   |         | 44   |           |   |   |   |   |   |   |         |
| 11   |           |   |   |   |   |   |   |         | 45   |           |   |   |   |   |   |   |         |
| 12   |           |   |   |   |   |   |   |         | 46   |           |   |   |   |   |   |   |         |
| 13   |           |   |   |   |   |   |   |         | 47   |           |   |   |   |   |   |   |         |
| 14   |           |   |   |   |   |   |   |         | 48   |           |   |   |   |   |   |   |         |
| 15   |           |   |   |   |   |   |   |         | 49   |           |   |   |   |   |   |   |         |
| 16   |           |   |   |   |   |   |   |         | 50   |           |   |   |   |   |   |   |         |
| 17   |           |   |   |   |   |   |   |         | 51   |           |   |   |   |   |   |   |         |
| 18   |           |   |   |   |   |   |   |         | 52   |           |   |   |   |   |   |   |         |
| 19   |           |   |   |   |   |   |   |         | 53   |           |   |   |   |   |   |   |         |
| 20   |           |   |   |   |   |   |   |         | 54   |           |   |   |   |   |   |   |         |
| 21   |           |   |   |   |   |   |   |         | 55   |           |   |   |   |   |   |   |         |
| 22   |           |   |   |   |   |   |   |         | 56   |           |   |   |   |   |   |   |         |
| 23   |           |   |   |   |   |   |   |         | 57   |           |   |   |   |   |   |   |         |
| 24   |           |   |   |   |   |   |   |         | 58   |           |   |   |   |   |   |   |         |
| 25   |           |   |   |   |   |   |   |         | 59   |           |   |   |   |   |   |   |         |
| 26   |           |   |   |   |   |   |   |         | 60   |           |   |   |   |   |   |   |         |
| 27   |           |   |   |   |   |   |   |         | 61   |           |   |   |   |   |   |   |         |
| 28   |           |   |   |   |   |   |   |         | 62   |           |   |   |   |   |   |   |         |
| 29   |           |   |   |   |   |   |   |         | 63   |           |   |   |   |   |   |   |         |
| 30   |           |   |   |   |   |   |   |         | 64   |           |   |   |   |   |   |   |         |
| 31   |           |   |   |   |   |   |   |         | 65   |           |   |   |   |   |   |   |         |
| 32   |           |   |   |   |   |   |   |         | 66   |           |   |   |   |   |   |   |         |
| 33   |           |   |   |   |   |   |   |         | 67   |           |   |   |   |   |   |   |         |

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| Req. No.: 1600/4   |   |                             |   |
| Rev. No.: 02       |   |                             |   |
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| Final              |  | Date & Rev.: 1393/09/10 - 4 | ERP : 133999  |
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### 1- PURPOSE

The purpose of this document is to define vendor's scope of supply for **PLENUM & FAN RING** of air coolers.

### 2- DEFINITION

For the purpose of this material requisition, the following definitions shall apply:

Contractor: ABAN AIR COOLER (AAC)

Vendor: (to be defined)

### 3- LIST OF EQUIPMENT INQUIRED




| ITEM NO. | TAG NUMBER | QTY. | DESCRIPTION         | LOCATION |
|----------|------------|------|---------------------|----------|
| 1        | 30-AE-9001 | 2    | PLENUM AND FAN RING |          |

### 4- APPLICABLE CODES & STANDARD

ASME Section II Part A for material designations, and ISO 13706 to be followed.

### 5- REQUIRED DOCUMENTATION

N/A

|                    |   |                             |   |
|--------------------|---|-----------------------------|---|
| Project No.: 17187 |   | <b>MATERIAL REQUISITION</b> | <br><b>ABAN AIR-COOLER CO.</b> |
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| Rev. No.: 02       |   |                             |   |
| Preliminary        |  | Code No.: QF-TE-02          | ENGINEERING DEPARTMENT  |
| Final              |  | Date & Rev.: 1393/09/10 - 4 | ERP : 133999  |
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#### 6- SCOPE OF WORK, SUPPLY & SERVICES

| POS | DESCRIPTION | MATERIAL | QTY. | Remarks               |
|-----|-------------|----------|------|-----------------------|
| 1   | PLENUM      | A36      | 2    | Total Weight = 216 Kg |
| 2   | FAN RING    | A36      | 2    | Total Weight = 212 Kg |

#### 7- SPARE PARTS

N/A



#### 8- DEVIATIONS/EXCEPTION/ALTERNATION FROM MATERIAL REQUISITION'S REQUIREMENTS

If any, shall be mentioned by vendor

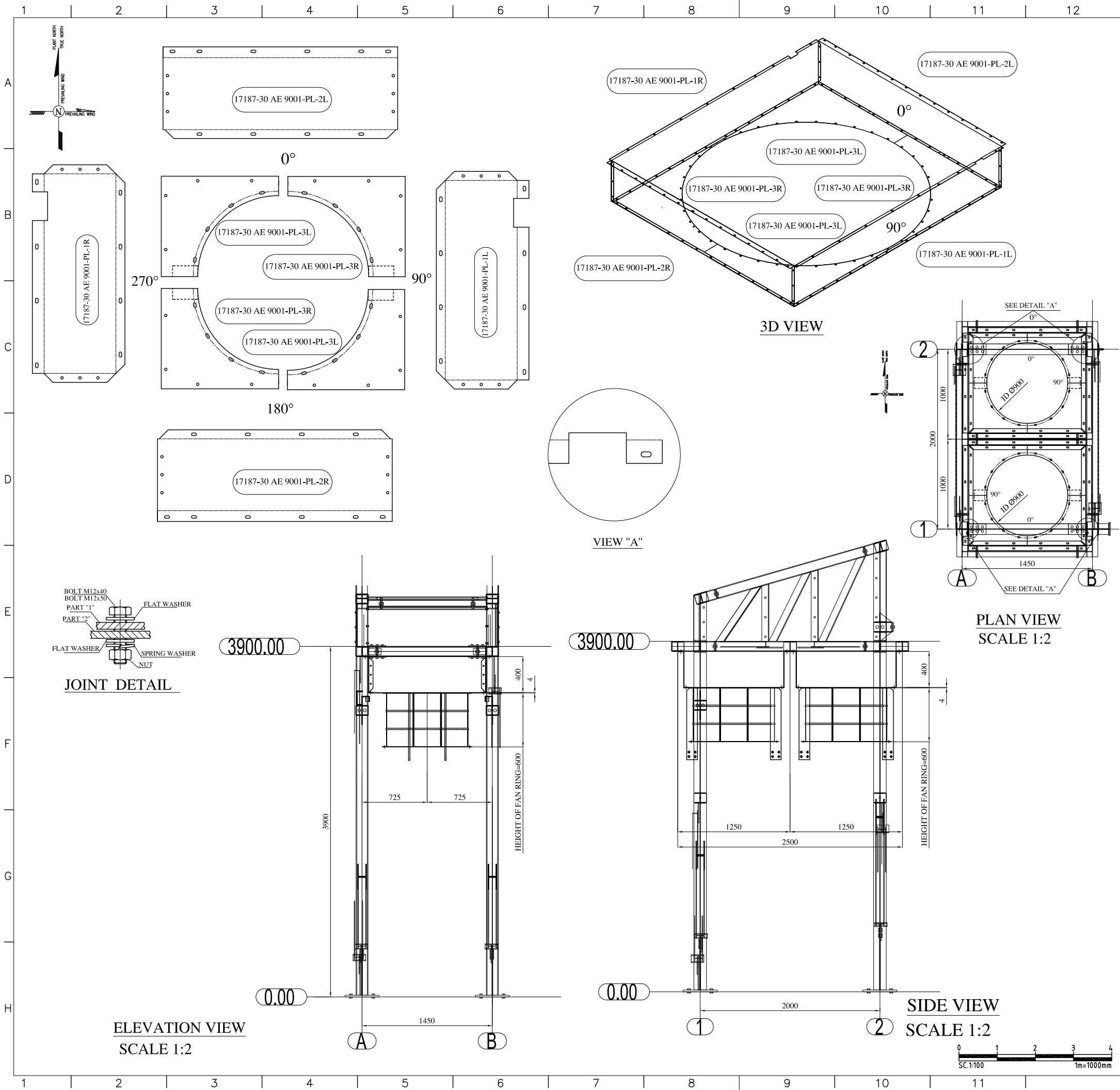
#### 9- TECHNICAL NOTES





N/A

#### 10- ATTACHMENTS

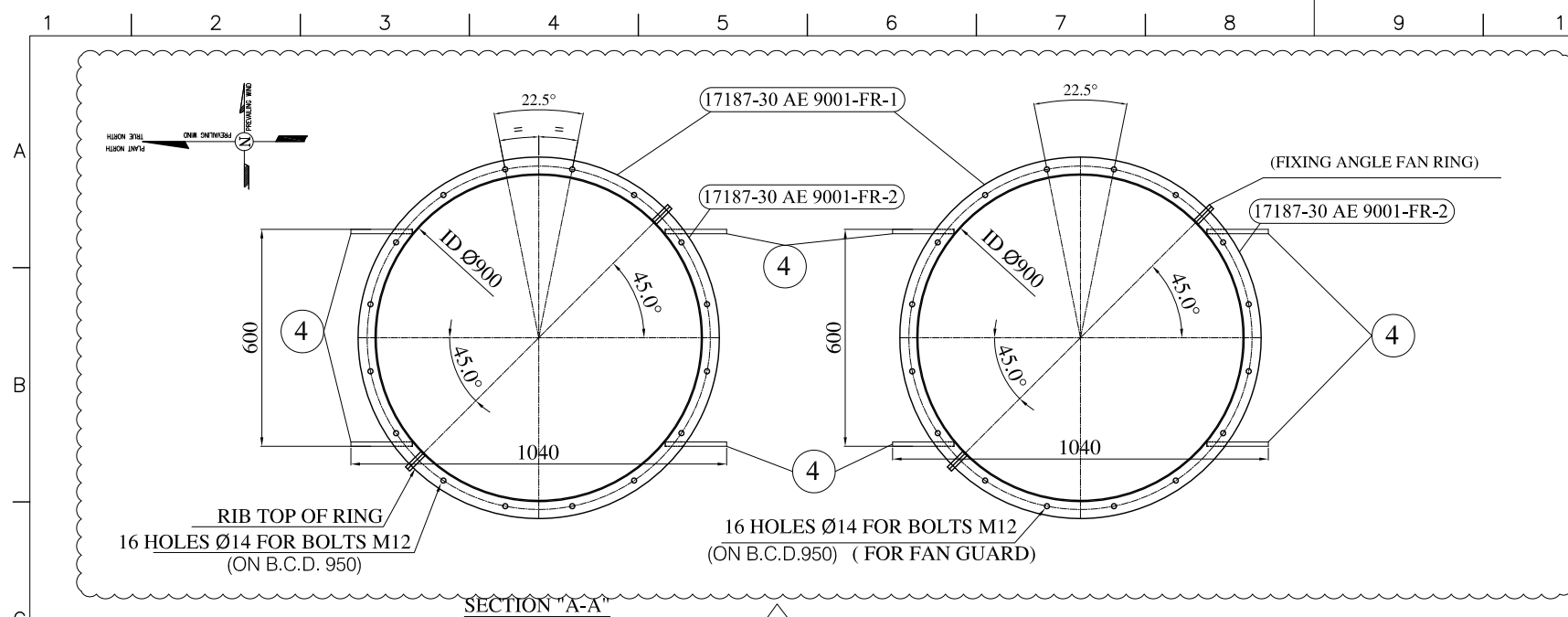
| DOCUMENT           | REVISION | NO. OF SHEETS |
|--------------------|----------|---------------|
| VP-90-ME-9013-0026 | 01       | 4             |



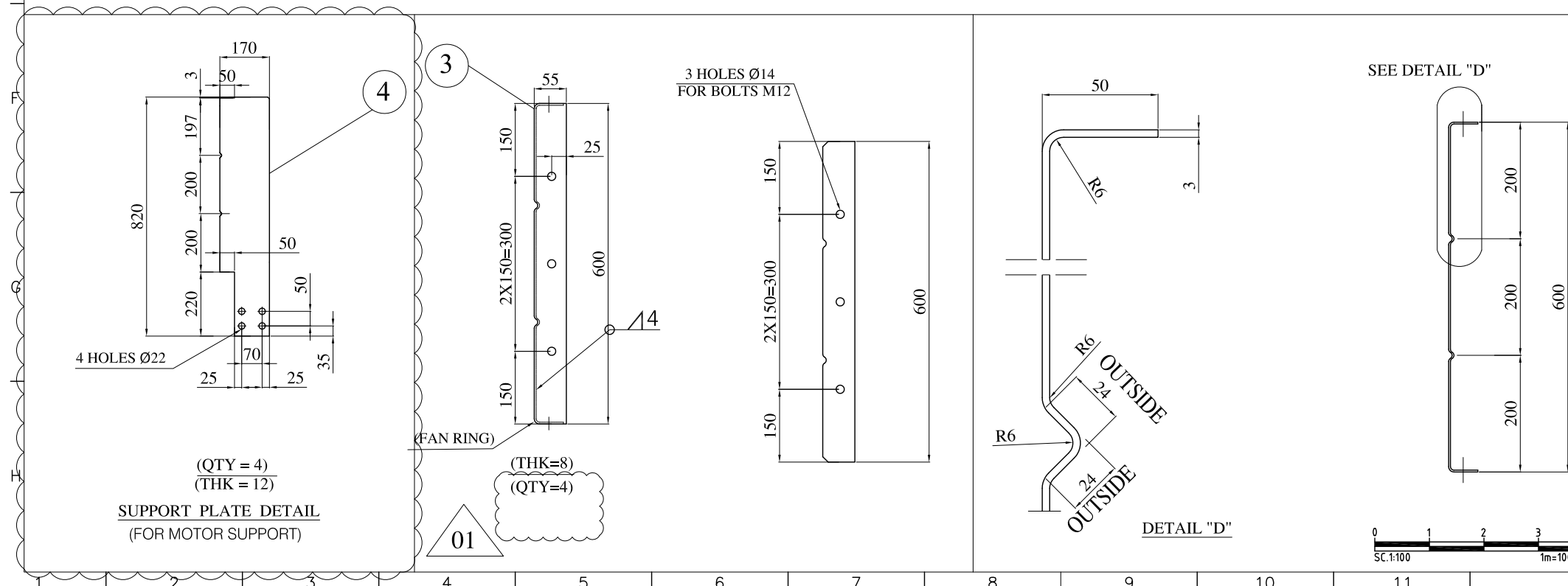
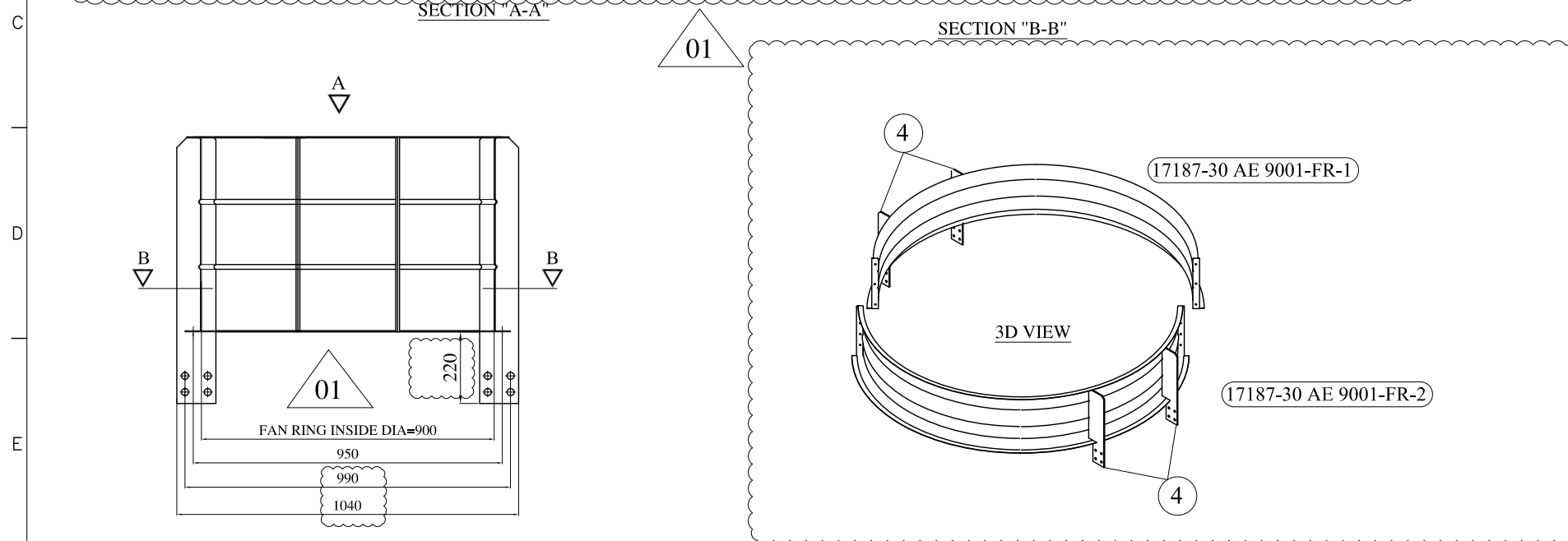


| REFERENCE DRAWINGS   |             |               |   |               |           |  |         |               |             |  |  |
|--|-------------|---------------|---|---------------|-----------|--|---------|---------------|-------------|--|--|
| TITLE  |             |               |   |               |           | DWG. No.   |         |               |             |  |  |
| General Arrangement Drawing 30-AE-9001   |             |               |   |               |           | VP-90-ME-9013-0015   |         |               |             |  |  |
| Steel Structure Drawing 30-AE-9001   |             |               |   |               |           | VP-90-CV-9013-0005   |         |               |             |  |  |
| Fan & Motor Support Drawing 30-AE-9001   |             |               |   |               |           | VP-90-ME-0017-0055   |         |               |             |  |  |
| Fan Data Sheets 30-AE-9001   |             |               |   |               |           | VP-90-ME-9013-0001   |         |               |             |  |  |
| Process Data Sheets 30-AE-9001   |             |               |   |               |           | VP-90-PR-9013-0001   |         |               |             |  |  |
| 1. ALL DIMENSIONS ARE IN mm EXCEPT SPECIFIED .<br>2. MARKING : 17187-30 AE 9001 -PL-PART NO.<br>3. SURFACE PROTECTION : HOT DIP GALVANIZED ACCORDING TO ASTM A123 & A153 OR DIN 267 PAINTING ACCORDING TO VP-90-QC-9013-0016 BOLT ARE M12x40 BOLTING : DIN EN ISO 4017/ DIN EN ISO 4032<br>4. TWO FLAT WASHER : DIN 125<br>5. TOTAL REQUIRED QUANTITY FOR M12*40= 96(SETS/UNIT)<br>6. QUANTITY : 2*1=2 |             |               |   |               |           |  |         |               |             |  |  |
| <div>01</div>  |             |               |   |               |           | <div><div><div>Code1</div><div><input type="checkbox"/> No Comment<br/>(Applicable only for "For REVIEW" Documents)<br/>AND Vendor Data Book<br/>No comment and the document<br/>are released for Manufacturing</div></div><div><div>Code2</div><div><input type="checkbox"/> Commented<br/>(Applicable for For Review / For<br/>INFORMATION Documents) Vendor shall correct,<br/>revise and resubmit the document<br/>by the date specified. The document shall be revised<br/>under the status of "R: Revised Issue". All corrected<br/>documents shall be resubmitted before starting<br/>the Manufacturing Process</div></div><div><div>Code3</div><div><input type="checkbox"/> No Comment with Note(s)<br/>(Applicable Only for "FOR REVIEW" Documents) Vendor shall<br/>correct, revise and resubmit the document. The document is<br/>released for Manufacturing if changes incorporated.</div></div><div><div>No Code</div><div><input type="checkbox"/> No Code<br/>(applicable Only for "For Information" Documents)<br/>Document has been submitted for Purchaser's Information IPI.<br/>Consistency, completeness and correctness of document<br/>content is Vendor's responsibility</div></div><div>The above checking result by Norahan shall in no way relieve<br/>Vendor of any liability, obligation and responsibility out of the<br/>purchase order and the mutual agreement in writing</div><div><div>NORAHAN</div><div>DATE :<br/>DEPT:<br/>Signature :</div></div><div>Only for Internal review</div><div><div>CVPIELINMEMA<br/>STBUPRSAHVTL</div></div></div> |         |               |             |  |  |
|  |             |               |   |               |           |  |         |               |             |  |  |
|  |             |               |   |               |           |  |         |               |             |  |  |
|  |             |               |   |               |           |  |         |               |             |  |  |
| A  |             | REVISED ISSUE |   | FR            | M.Firoozi | M.Firoozi  | Z.ZAREI | P.Karimizadeh | 04.AUG.2021 |  |  |
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| Rev.   | DESCRIPTION |               |   | POI           | DESIGNED  | DRAWN  | CHECKED | APPROVED      | DATE        |  |  |
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|  |             |               |   |               |           |  |         |               |             |  |  |
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| Rev.   | DESCRIPTION |               |   | POI           | DESIGNED  | DRAWN  | CHECKED | APPROVED      | DATE        |  |  |
| PROJECT: ILAM SRP/SSU PLANT  |             |               |   |               |           |  |         |               |             |  |  |
| VENDOR:<br><br>ABAN AIR COOLER  |             |               | CONTRACTOR:<br><br>Engineering & Contracting |               |           | CLIENT:<br><br>PROJECT:17187  |         |               |             |  |  |
| TITLE: Plenum & Fan Ring Drawing 30-AE-9001  |             |               |   |               |           |  |         |               |             |  |  |
| DRAWING NO.: VP-90-ME-9013-0026  |             |               |   |               |           |  |         |               |             |  |  |
| PROJECT NO:<br>30  |             | SCALE:        |   | REV. NO.: 01  |           | SHEET: 1 OF: 4   |         | SIZE: A3      |             |  |  |





| PART LIST OF FAN RING FOR ONE UNIT17187-30 AE 9001 |          |            |     |          |          |                        |
|--|----------|------------|-----|----------|----------|------------------------|
| NO   | MATERIAL | DIM        | QTY | U.WEIGHT | T.WEIGHT | MARKING                |
| 1  | A36      | 1420*700*3 | 1   | 23       | 23       | 17187-30 AE 9001 -FR-1 |
| 2  | A36      | 1420*700*3 | 1   | 23       | 23       | 17187-30 AE 9001-FR-2  |
| 3  | A36      | 600*55*8   | 4   | 2        | 8        |                        |
| 4  | A36      | 820*170*12 | 4   | 13       | 52       |                        |
| 5  | A325     | M 12*40    | 6   |          |          |                        |
|  |          |            |     | TOTAL    | 106      |                        |



|                    |               |               |           |           |         |               |             |
|--------------------|---------------|---------------|-----------|-----------|---------|---------------|-------------|
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|                    |               |               |           |           |         |               |             |
| A                  | REVISED ISSUE | FR            | M.Firoozi | M.Firoozi | Z.ZAREI | P.Karimizadeh | 04.AUG.2021 |
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| Rev. | DESCRIPTION   | POI | DESIGNED  | DRAWN     | CHECKED | APPROVED      | DATE        |

PROJECT: HAM CDD / GUL PLANT

|         |             |         |
|---------|-------------|---------|
| VENDOR: | CONTRACTOR: | CLIENT: |
|---------|-------------|---------|

|  |  |  |   |
|--|--|--|---|
| <br><b>AAC</b><br>ABAN AIR COOLER | <br><b>NORAHAN</b><br>Engineering & Contracting | <br><b>کیشوری</b><br>انجینئرنگ و کنٹریکٹنگ<br>کونسل برائے معیار | <div style="border: 1px solid black; padding: 5px; width: 50px; margin: 0 auto;"> <div style="border-bottom: 1px solid black; height: 10px; width: 100%;"></div> <div style="text-align: center; font-weight: bold; font-size: 1.2em;">0</div> </div> |
|--|--|--|---|

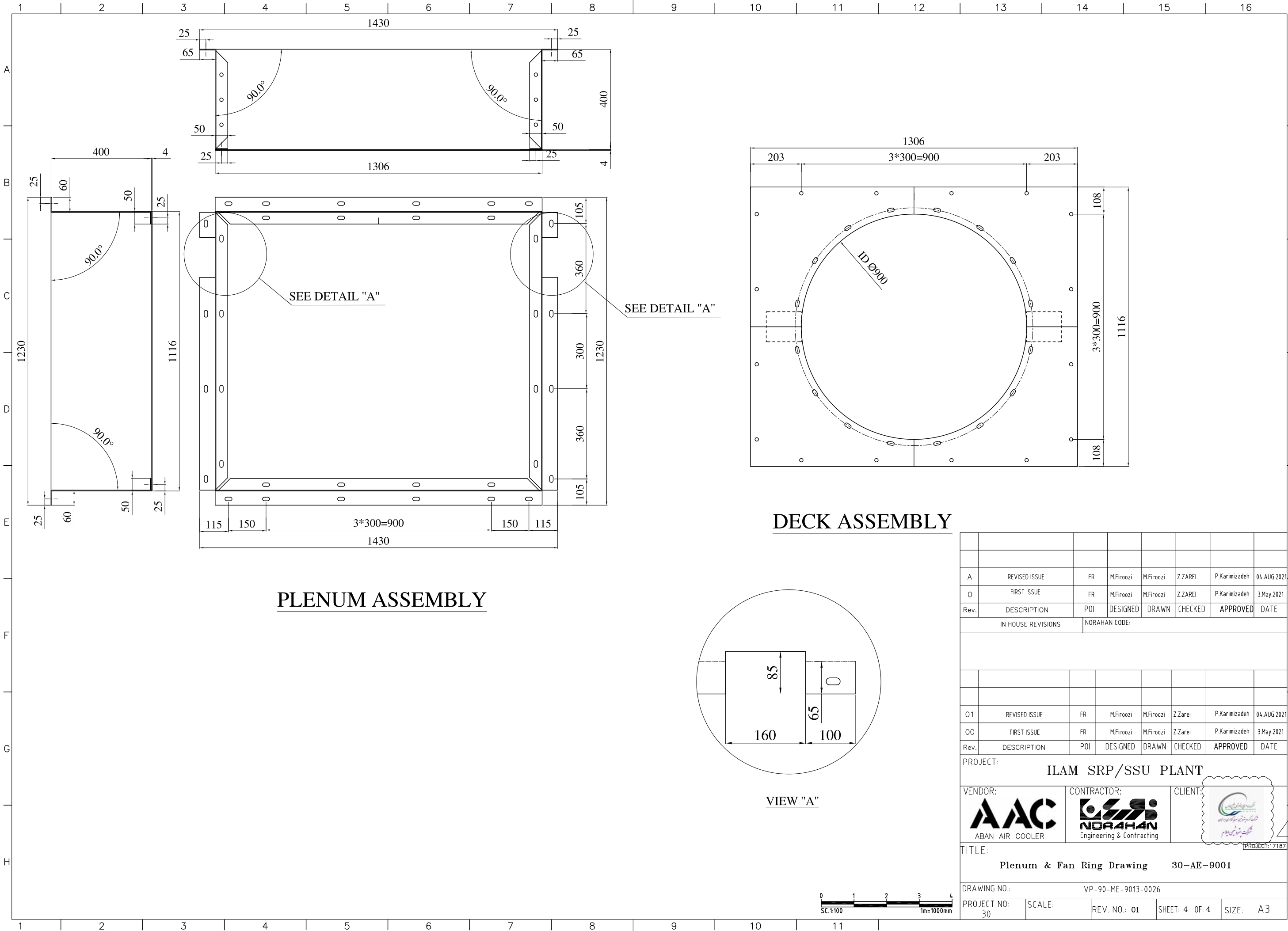
|                           |            |               |
|---------------------------|------------|---------------|
| TITLE:                    |            | PROJECT:17187 |
| Plenum & Fan Ring Drawing | 30-AE-9001 | H             |

|              |                    |
|--------------|--------------------|
| DRAWING NO.: | VP-90-ME-9013-0026 |
|--------------|--------------------|

|                   |        |              |               |          |
|-------------------|--------|--------------|---------------|----------|
| PROJECT NO:<br>30 | SCALE: | REV. NO.: 01 | SHEET: 3 OF 4 | SIZE: A3 |
|-------------------|--------|--------------|---------------|----------|

|                |          |            |           |          |          |             |           |                |
|----------------|----------|------------|-----------|----------|----------|-------------|-----------|----------------|
| PEN widths(mm) | RED=0.15 | YELLOW=0.2 | GREEN=0.3 | CYAN=0.4 | BLUE=0.5 | MAGENTA=0.6 | WHITE=0.7 | 8 TO 256 = 0.1 |
|----------------|----------|------------|-----------|----------|----------|-------------|-----------|----------------|





PLENUM ASSEMBLY

DECK ASSEMBLY

VIEW "A"

|   |               |  |                |  |         |               |             |
|---|---------------|--|----------------|--|---------|---------------|-------------|
|   |               |  |                |  |         |               |             |
| A   | REVISED ISSUE | FR   | M.Firoozi      | M.Firoozi  | Z.ZAREI | P.Karimizadeh | 04.AUG.2021 |
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| VENDOR:<br><br>ABAN AIR COOLER |               | CONTRACTOR:<br><br>NORAHAN<br>Engineering & Contracting |                | CLIENT:<br> |         |               |             |
| TITLE: Plenum & Fan Ring Drawing 30-AE-9001   |               |  |                |  |         |               |             |
| DRAWING NO.: VP-90-ME-9013-0026   |               |  |                |  |         |               |             |
| PROJECT NO:<br>30   | SCALE:        | REV. NO.: 01   | SHEET: 4 OF: 4 | SIZE: A3   |         |               |             |

