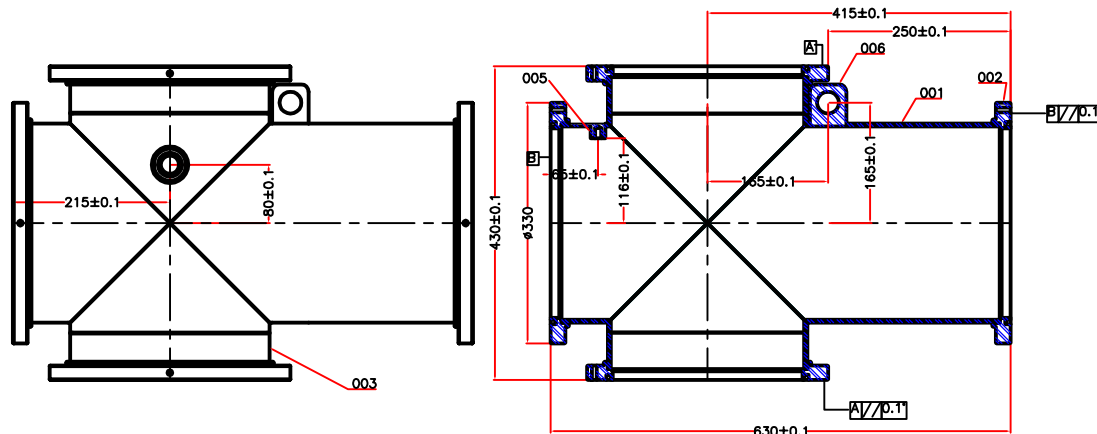
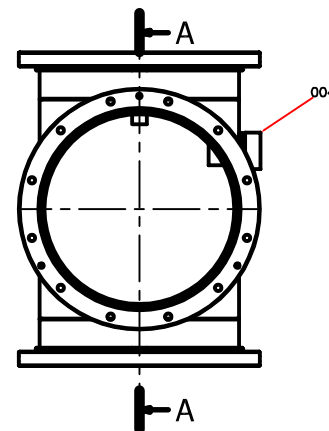


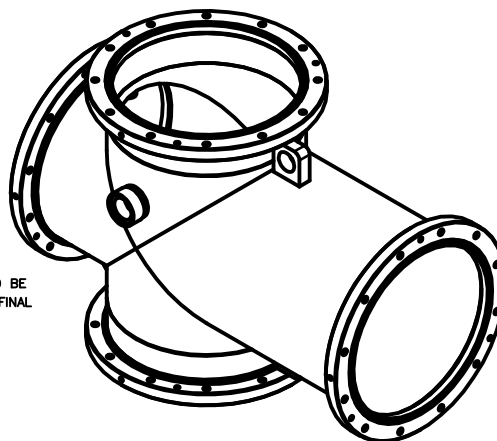
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## NOTES :-

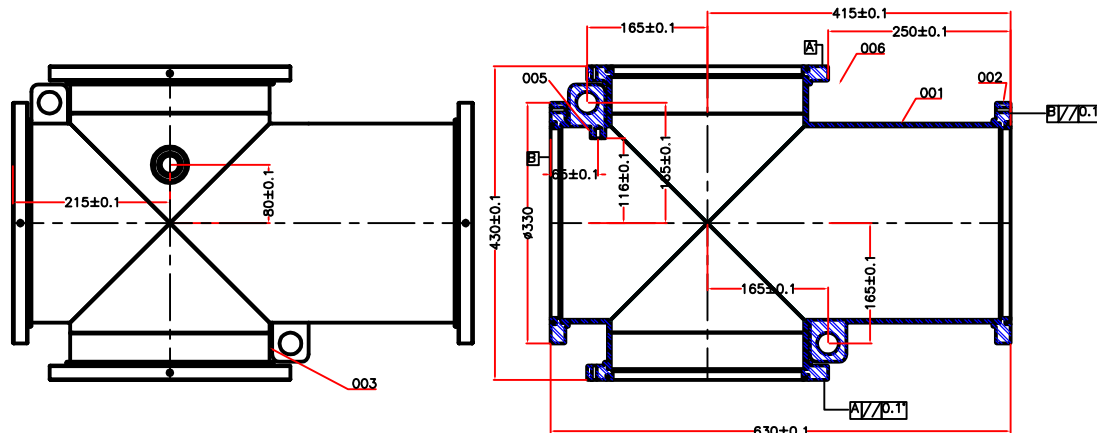
1. THE DIMENSIONS GIVEN IN THIS DRG. INCLUDING DIMENSIONS OF DETAILED COMPONENT ARE TO BE MAINTAINED BY MACHINING IN THIS ASSEMBLY. DETAILED COMPONENT DRAWINGS ARE SHOWING FINAL DIMENSIONS AND NECESSARY MACHINING ALLOWANCES ARE TO BE KEPT BY THE SUPPLIER FOR MACHINING/WELDING.
2. FINAL MACHINING SHOULD BE COMPLETED AFTER TIG WELDING OF ITEMS 2,3,4,5 & 6
3. IN ITEM 004 (RFT) BODY, THE FACE OF HOLE  $\phi 44 \times 4$  DEEP SHOULD BE OUT SIDE THE PIPE. 40 DIA HOLE FOR WELDING RFT BODY SHOULD BE DRILLED ACCURATELY.
4. EARTH STUD SHOULD BE TIG WELDED AS SHOWN.
5. PARALLELISM AND PERPENDICULARITY OF ITEM 002 & 003 SHOULD BE MAINTAINED THROUGH WELDING/FIXTURE/MACHINING.
6. ALL INSIDE WELDS SHOULD BE GROUND SMOOTH.
7. ALL WELDS TO BE CHECKED FOR 100% DP AND CERTIFIED WITH PUNCH MARK ON ASSEMBLY.
8. PIPE TO BE SAND/GLASS BEAD BLASTED FROM INSIDE AS WELL AS OUT SIDE TO BE DESCALE INSIDE SURFACE TO BE ELECTRO POLISHED.
9. POWDER COAT ALL EXTERNAL SURFACES (SIMENS GRAY) AFTER THROUGH CLEANING AND DEGREASING ASSEMBLY IN SOLVENT. PROTECT SEALING SURFACES USING SUITABLE MASK (AVOID USING GREASE, COTTON WASTE).
10. ALL FLANGE FACES SHOULD BE PROTECTED USING SUITABLE MASK BEFORE PACKING FOR DESPATCH.
11. ALL JOINTS TO BE TIG / FUSION WELDED TO HAVE MINIMUM DISTORTION.
12. LEAK TEST SHOULD BE DONE USING 4 DUMMY FLANGES (RDDG4351008\_2004).



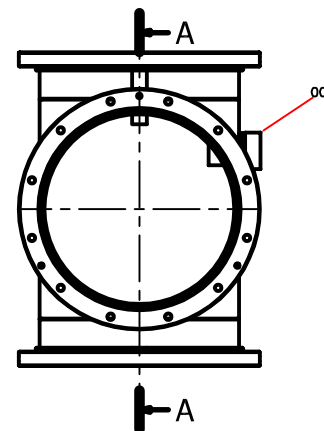
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|-----|----------------|--------------------|--------|-------|----|--|--|
| 006 | SHAFT SUPPORT  | RDDG43513050_1115  | SS-304 | -     | 01 |  |  |
| 005 | EARTH SUPPORT  | RDDG43513050_1115  | SS-304 | -     | 01 |  |  |
| 004 | RFT            | RDDG43513050_1114  | SS-304 | -     | 01 |  |  |
| 003 | EXTENSION PIPE | RDDG43513050_1113  | SS-304 | -     | 02 |  |  |
| 002 | FLANGE-1       | RDDG43513050_1112  | SS-304 | -     | 04 |  |  |
| 001 | ENCLOSURE-2U   | RDDG43513050_1111V | SS-304 | 1.650 | 01 |  |  |

| REMARKS | VAR. NO. | ITEM NO. | DESCRIPTION | DRAWING NO. | UNIT | QTY. | ZONE |
|---------|----------|----------|-------------|-------------|------|------|------|
|         |          |          |             |             |      |      |      |

|                        |     |                                                     |  |
|------------------------|-----|-----------------------------------------------------|--|
| ADDITIONAL INFORMATION |     | TYPE OF PRODUCT<br>OR<br>NAME OF CUSTOMER / PROJECT |  |
| STATUS OF DRAWING      |     | 33kV/40kA DOUBLE BUS GIS                            |  |
| DISTRIBUTION OF PRINTS |     | BHARAT HEAVY ELECTRICALS LTD.<br>BHOPAL             |  |
| SWE                    | SWM | TCX                                                 |  |
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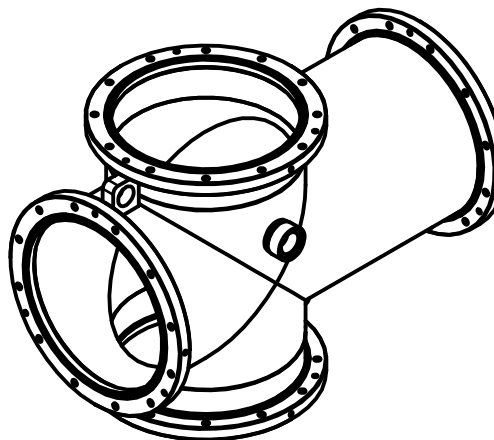
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ON DRAWING

SECTION-AA



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1. THE DIMENSIONS GIVEN IN THIS DRG. INCLUDING DIMENSIONS OF DETAILED COMPONENT ARE TO BE MAINTAINED BY MACHINING IN THIS ASSEMBLY. DETAILED COMPONENT DRAWINGS ARE SHOWING FINAL DIMENSIONS AND NECESSARY MACHINING ALLOWANCES ARE TO BE KEPT BY THE SUPPLIER FOR MACHINING/WELDING.
2. FINAL MACHINING SHOULD BE COMPLETED AFTER TIG WELDING OF ITEMS 2,3,4,5 & 6
3. IN ITEM 004 (RFT) BODY, THE FACE OF HOLE  $\phi 44 \times 4$  DEEP SHOULD BE OUT SIDE THE PIPE. 40 DIA HOLE FOR WELDING RFT BODY SHOULD BE DRILLED ACCURATELY.
4. EARTH STUD SHOULD BE TIG WELDED AS SHOWN.
5. PARALLELISM AND PERPENDICULARITY OF ITEM 002 & 003 SHOULD BE MAINTAINED THROUGH WELDING/FIXTURE/MACHINING.
6. ALL INSIDE WELDS SHOULD BE GROUND SMOOTH.
7. ALL WELDS TO BE CHECKED FOR 100% DP AND CERTIFIED WITH PUNCH MARK ON ASSEMBLY.
8. PIPE TO BE SAND/GLASS BEAD BLASTED FROM INSIDE AS WELL AS OUT SIDE TO BE DESCALE INSIDE SURFACE TO BE ELECTRO POLISHED.
9. POWDER COAT ALL EXTERNAL SURFACES (SIMENS GRAY) AFTER THROUGH CLEANING AND DEGREASING ASSEMBLY IN SOLVENT. PROTECT SEALING SURFACES USING SUITABLE MASK (AVOID USING GREASE, COTTON WASTE).
10. ALL FLANGE FACES SHOULD BE PROTECTED USING SUITABLE MASK BEFORE PACKING FOR DESPATCH.
11. ALL JOINTS TO BE TIG / FUSION WELDED TO HAVE MINIMUM DISTORTION.
12. LEAK TEST SHOULD BE DONE USING 4 DUMMY FLANGES (RDDG4351008\_2004).



|         |                |                    |             |             |             |          |      |
|---------|----------------|--------------------|-------------|-------------|-------------|----------|------|
| 006     | SHAFT SUPPORT  | RDDG43513050_1115  | SS-304      | -           | 02          |          |      |
| 005     | EARTH SUPPORT  | RDDG43513050_1115  | SS-304      | -           | 01          |          |      |
| 004     | RFT            | RDDG43513050_1114  | SS-304      | -           | 01          |          |      |
| 003     | EXTENSION PIPE | RDDG43513050_1113  | SS-304      | -           | 02          |          |      |
| 002     | FLANGE-1       | RDDG43513050_1112  | SS-304      | -           | 04          |          |      |
| 001     | ENCLOSURE-2U   | RDDG43513050_1111V | SS-304      | 1.650       | 01          |          |      |
| REMARKS | VAR. NO.       | ITEM NO.           | DESCRIPTION | DRAWING NO. | MATL. CODE  | UNIT WT. | ZONE |
|         |                |                    |             |             | MATL. SPCL. | QTY.     |      |

## ADDITIONAL INFORMATION

## STATUS OF DRAWING

## DISTRIBUTION OF PRINTS

|     |     |     |
|-----|-----|-----|
| SWE | SWM | TCX |
| 1   | 3   | 1   |

|      |      |          |
|------|------|----------|
| REV. | DATE | ALTERED  |
|      |      | CHECKED  |
|      |      | APPROVED |

|      |      |          |
|------|------|----------|
| REV. | DATE | ALTERED  |
|      |      | CHECKED  |
|      |      | APPROVED |

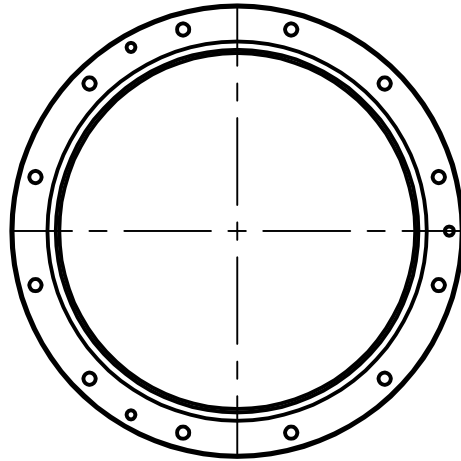
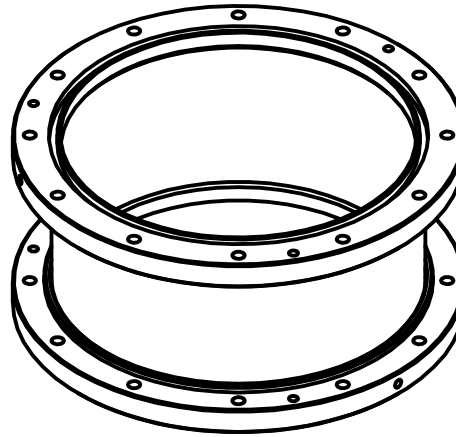
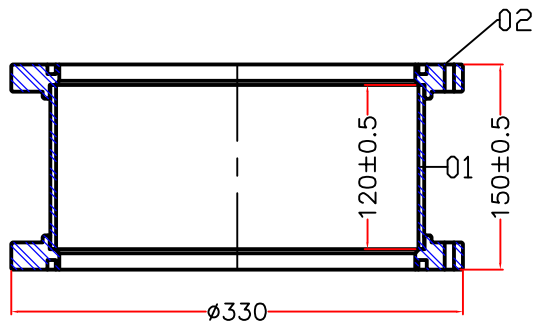
TYPE OF PRODUCT  
OR  
NAME OF CUSTOMER / PROJECT

33kV/40kA DOUBLE BUS GIS

|       |      |          |        |
|-------|------|----------|--------|
| NAME  | SIGN | DATE     | NO. OF |
| SNK   |      | 05.10.16 | VAR    |
| MMR   |      |          |        |
| APPD. | NB   |          |        |

|                          |     |       |       |     |       |          |                    |               |        |
|--------------------------|-----|-------|-------|-----|-------|----------|--------------------|---------------|--------|
| DEPT                     | SWE | UNTO. | DIMS. | GR. | SCALE | WEIGHT   | REF. TO ASSY. DRG. | ITEM          | NO. OF |
|                          | 409 |       |       |     | 1:1   | < K.G. > | RDDG43513050_1100  | NO.           | ITEM   |
| TITLE                    |     |       |       |     |       |          | DRAWING NO.        | REV           |        |
| ENCLOSURE ASSY-2U(VAR-2) |     |       |       |     |       |          | RDDG43513050_1110B | 00            |        |
| (for VT)                 |     |       |       |     |       |          | SHEET NO. 01       | NO. OF SHEETS | 01     |

DRAWING NO. RDDG43513050-1610



NOTES :-

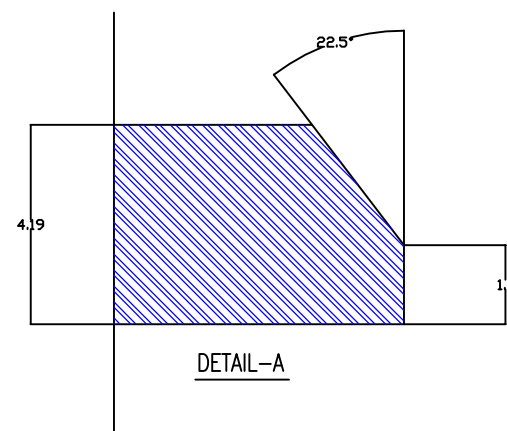
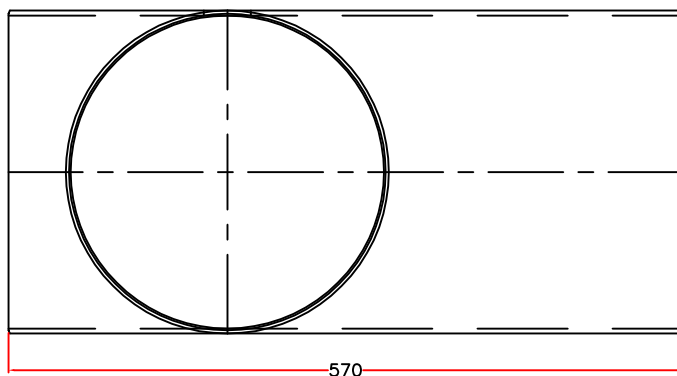
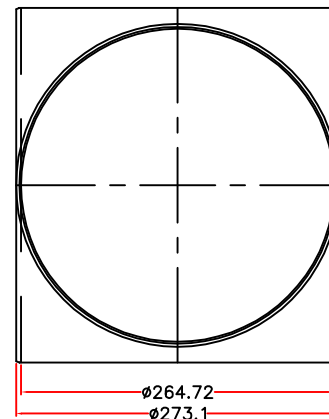
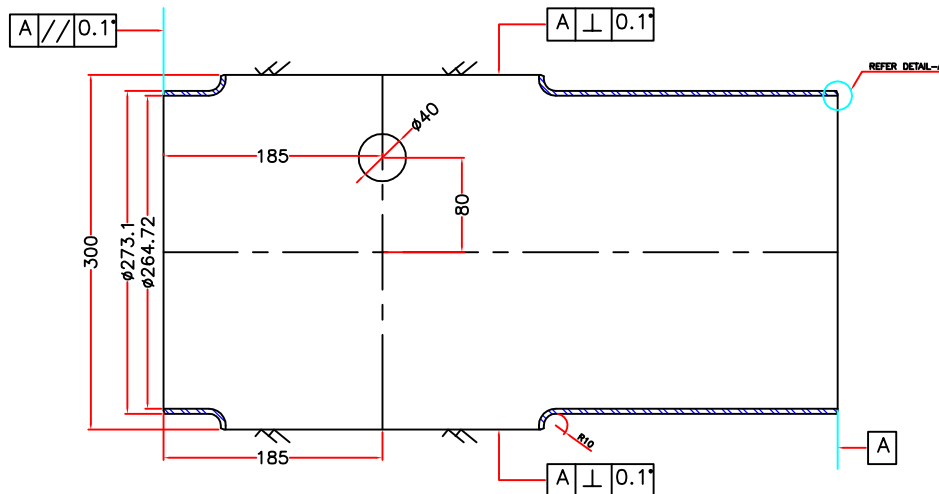
1. THE DIMENSIONS GIVEN IN THIS DRG. INCLUDING DIMENSIONS OF DETAILED COMPONENT ARE TO BE MAINTAINED BY MACHINING IN THIS ASSEMBLY. DETAILED COMPONENT DRAWINGS ARE SHOWING FINAL DIMENSIONS AND NECESSARY MACHINING ALLOWANCES ARE TO BE KEPT BY THE SUPPLIER FOR MACHINING/WELDING.
2. PARALLELISM AND PERPENDICULARITY OF ITEM 002 & 003 FLANGES SHOULD BE MAINTAINED THROUGH WELDING/FIXTURE/MACHINING.
3. ALL INSIDE WELDS SHOULD BE GROUND SMOOTH.
4. PIPE TO BE ZINC PLATE INSIDE SURFACE TO BE ELECTRO POLISHED.
6. POWDER COAT ALL EXTERNAL SURFACES (SIMENS GRAY) AFTER THROUGH CLEANING AND DEGREASING ASSEMBLY IN SOLVENT. PROTECT SEALING SURFACES USING SUITABLE MASK (AVOID USING GREASE, COTTON WASTE).
7. ALL FLANGE FACES SHOULD BE PROTECTED USING SUITABLE MASK BEFORE PACKING FOR DESPATCH.
8. ALL JOINTS TO BE TIG / FUSION WELDED TO HAVE MINIMUM DISTORTION.
9. LEAK TEST WILL BE DONE AT R&d USING 2 DUMMY FLANGES.

**CTQ :- CRITICAL TO QUALITY**

|         |  |  |  |          |                    |  |                    |  |        |             |      |      |
|---------|--|--|--|----------|--------------------|--|--------------------|--|--------|-------------|------|------|
|         |  |  |  | 002      | FLANGE-1           |  | RDDG43513050_1112  |  | SS 304 |             | -    |      |
|         |  |  |  | 001      | PIPE               |  | RDDG43513050_1611  |  | SS 304 |             | 02   |      |
|         |  |  |  |          |                    |  |                    |  |        |             | 01   |      |
| REMARKS |  |  |  | ITEM NO. | DESCRIPTION        |  | DRAWING NO.        |  | ITD.   | MATL. CODE  | UNIT | WT.  |
|         |  |  |  |          | 28 --- CARD TYPE-1 |  | 28 --- CARD TYPE-2 |  | VAR.   | MATL. SPQN. |      | QTY. |
|         |  |  |  |          |                    |  |                    |  |        |             |      | ZONE |

|                        |     |     |  |                                                                                                                               |  |          |  |                          |  |                                                                                       |                  |                    |  |
|------------------------|-----|-----|--|-------------------------------------------------------------------------------------------------------------------------------|--|----------|--|--------------------------|--|---------------------------------------------------------------------------------------|------------------|--------------------|--|
| ADDITIONAL INFORMATION |     |     |  | TYPE OF PRODUCT<br>OR<br>NAME OF CUSTOMER / PROJECT                                                                           |  |          |  | 33kV/40kA DOUBLE BUS GIS |  |                                                                                       |                  |                    |  |
| STATUS OF DRAWING      |     |     |  |  BHARAT HEAVY ELECTRICALS LTD.<br>BHOPAL |  |          |  | NAME<br>SNK              |  | SIGN                                                                                  | DATE<br>08.08.18 | NO. OF<br>VAR      |  |
| DISTRIBUTION OF PRINTS |     |     |  |                                                                                                                               |  |          |  | DRN.<br>OKD.             |  | MMR                                                                                   |                  |                    |  |
| SWE                    | SWM | TCX |  | 1                                                                                                                             |  | 3        |  | 1                        |  |                                                                                       |                  |                    |  |
| REV.                   |     |     |  | DATE                                                                                                                          |  | ALTERED  |  | DEPT                     |  | UNTD. DIMS. GR.                                                                       |                  | SCALE              |  |
|                        |     |     |  |                                                                                                                               |  | CHECKED  |  | SWE                      |  |  |                  | WEIGHT ( K.G. )    |  |
|                        |     |     |  |                                                                                                                               |  | APPROVED |  | CODE                     |  | 1:1                                                                                   |                  | REF. TO ASSY. DRG. |  |
|                        |     |     |  |                                                                                                                               |  | 409      |  |                          |  | RDDG43513050_1600                                                                     |                  | ITEM NO.           |  |
| ZONE                   |     |     |  | TITLE                                                                                                                         |  |          |  | DRAWING NO.              |  |                                                                                       |                  | REV                |  |
|                        |     |     |  | ADAPTER ENCL. ASSY (VT).                                                                                                      |  |          |  | RDDG43513050_1610        |  |                                                                                       |                  | 00                 |  |
|                        |     |     |  |                                                                                                                               |  |          |  | SHEET NO. 01             |  |                                                                                       |                  | NO. OF SHEETS 01   |  |

DRAWING NO.



1. ENDS SHOULD BE PARALLEL (IN 0.2 MM) AND COAXIAL.
2. PULLOUTS AND THE BRANCH FLANGES SHOULD BE PERPENDICULAR TO THE CENTAL PIPE AXIS
3. THE PIPE SHOULD BE WITH MINIMUM OVALITY AND STRAIGHT.

|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  |     |  |      |  |     |  |     |  |
|---------|--|--|----------|--|-------------------------------------------------------------------|--|-------------|--|-----|--|-------------|--|-----|--|------|--|-----|--|-----|--|
|         |  |  | 001      |  | 273.1 O.Dx4.19 TK.x570 LG. ERW STAINLESS S. PIPE GRADE AISINO-304 |  |             |  |     |  | SS-304      |  |     |  | K.G. |  | -   |  |     |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  |     |  | 01   |  |     |  |     |  |
| REMARKS |  |  | VAR. NO. |  | ITEM NO.                                                          |  | DESCRIPTION |  | STD |  | DRAWING NO. |  | 77  |  | 78   |  | 79  |  | 80  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 79  |  | 80   |  | 81  |  | 82  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 80  |  | 81   |  | 82  |  | 83  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 81  |  | 82   |  | 83  |  | 84  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 82  |  | 83   |  | 84  |  | 85  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 83  |  | 84   |  | 85  |  | 86  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 84  |  | 85   |  | 86  |  | 87  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 85  |  | 86   |  | 87  |  | 88  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 86  |  | 87   |  | 88  |  | 89  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 87  |  | 88   |  | 89  |  | 90  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 88  |  | 89   |  | 90  |  | 91  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 89  |  | 90   |  | 91  |  | 92  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 90  |  | 91   |  | 92  |  | 93  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 91  |  | 92   |  | 93  |  | 94  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 92  |  | 93   |  | 94  |  | 95  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 93  |  | 94   |  | 95  |  | 96  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 94  |  | 95   |  | 96  |  | 97  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 95  |  | 96   |  | 97  |  | 98  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 96  |  | 97   |  | 98  |  | 99  |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 97  |  | 98   |  | 99  |  | 100 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 98  |  | 99   |  | 100 |  | 101 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 99  |  | 100  |  | 101 |  | 102 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 100 |  | 101  |  | 102 |  | 103 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 101 |  | 102  |  | 103 |  | 104 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 102 |  | 103  |  | 104 |  | 105 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 103 |  | 104  |  | 105 |  | 106 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 104 |  | 105  |  | 106 |  | 107 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 105 |  | 106  |  | 107 |  | 108 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 106 |  | 107  |  | 108 |  | 109 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 107 |  | 108  |  | 109 |  | 110 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 108 |  | 109  |  | 110 |  | 111 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 109 |  | 110  |  | 111 |  | 112 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 110 |  | 111  |  | 112 |  | 113 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 111 |  | 112  |  | 113 |  | 114 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 112 |  | 113  |  | 114 |  | 115 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 113 |  | 114  |  | 115 |  | 116 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 114 |  | 115  |  | 116 |  | 117 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 115 |  | 116  |  | 117 |  | 118 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 116 |  | 117  |  | 118 |  | 119 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 117 |  | 118  |  | 119 |  | 120 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 118 |  | 119  |  | 120 |  | 121 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 119 |  | 120  |  | 121 |  | 122 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 120 |  | 121  |  | 122 |  | 123 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 121 |  | 122  |  | 123 |  | 124 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 122 |  | 123  |  | 124 |  | 125 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 123 |  | 124  |  | 125 |  | 126 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 124 |  | 125  |  | 126 |  | 127 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 125 |  | 126  |  | 127 |  | 128 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 126 |  | 127  |  | 128 |  | 129 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 127 |  | 128  |  | 129 |  | 130 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 128 |  | 129  |  | 130 |  | 131 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 129 |  | 130  |  | 131 |  | 132 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 130 |  | 131  |  | 132 |  | 133 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 131 |  | 132  |  | 133 |  | 134 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 132 |  | 133  |  | 134 |  | 135 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 133 |  | 134  |  | 135 |  | 136 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 134 |  | 135  |  | 136 |  | 137 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 135 |  | 136  |  | 137 |  | 138 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 136 |  | 137  |  | 138 |  | 139 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 137 |  | 138  |  | 139 |  | 140 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 138 |  | 139  |  | 140 |  | 141 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 139 |  | 140  |  | 141 |  | 142 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 140 |  | 141  |  | 142 |  | 143 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 141 |  | 142  |  | 143 |  | 144 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 142 |  | 143  |  | 144 |  | 145 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 143 |  | 144  |  | 145 |  | 146 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 144 |  | 145  |  | 146 |  | 147 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 145 |  | 146  |  | 147 |  | 148 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 146 |  | 147  |  | 148 |  | 149 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 147 |  | 148  |  | 149 |  | 150 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 148 |  | 149  |  | 150 |  | 151 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 149 |  | 150  |  | 151 |  | 152 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 150 |  | 151  |  | 152 |  | 153 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 151 |  | 152  |  | 153 |  | 154 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 152 |  | 153  |  | 154 |  | 155 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 153 |  | 154  |  | 155 |  | 156 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 154 |  | 155  |  | 156 |  | 157 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 155 |  | 156  |  | 157 |  | 158 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 156 |  | 157  |  | 158 |  | 159 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 157 |  | 158  |  | 159 |  | 160 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 158 |  | 159  |  | 160 |  | 161 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 159 |  | 160  |  | 161 |  | 162 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 160 |  | 161  |  | 162 |  | 163 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 161 |  | 162  |  | 163 |  | 164 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 162 |  | 163  |  | 164 |  | 165 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 163 |  | 164  |  | 165 |  | 166 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 164 |  | 165  |  | 166 |  | 167 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 165 |  | 166  |  | 167 |  | 168 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 166 |  | 167  |  | 168 |  | 169 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 167 |  | 168  |  | 169 |  | 170 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 168 |  | 169  |  | 170 |  | 171 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 169 |  | 170  |  | 171 |  | 172 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 170 |  | 171  |  | 172 |  | 173 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 171 |  | 172  |  | 173 |  | 174 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 172 |  | 173  |  | 174 |  | 175 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 173 |  | 174  |  | 175 |  | 176 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 174 |  | 175  |  | 176 |  | 177 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 175 |  | 176  |  | 177 |  | 178 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 176 |  | 177  |  | 178 |  | 179 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 177 |  | 178  |  | 179 |  | 180 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 178 |  | 179  |  | 180 |  | 181 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 179 |  | 180  |  | 181 |  | 182 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 180 |  | 181  |  | 182 |  | 183 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 181 |  | 182  |  | 183 |  | 184 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 182 |  | 183  |  | 184 |  | 185 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 183 |  | 184  |  | 185 |  | 186 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 184 |  | 185  |  | 186 |  | 187 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 185 |  | 186  |  | 187 |  | 188 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 186 |  | 187  |  | 188 |  | 189 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 187 |  | 188  |  | 189 |  | 190 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 188 |  | 189  |  | 190 |  | 191 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 189 |  | 190  |  | 191 |  | 192 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 190 |  | 191  |  | 192 |  | 193 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 191 |  | 192  |  | 193 |  | 194 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 192 |  | 193  |  | 194 |  | 195 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 193 |  | 194  |  | 195 |  | 196 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 194 |  | 195  |  | 196 |  | 197 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 195 |  | 196  |  | 197 |  | 198 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 196 |  | 197  |  | 198 |  | 199 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 197 |  | 198  |  | 199 |  | 200 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 198 |  | 199  |  | 200 |  | 201 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 199 |  | 200  |  | 201 |  | 202 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 200 |  | 201  |  | 202 |  | 203 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 201 |  | 202  |  | 203 |  | 204 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 202 |  | 203  |  | 204 |  | 205 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 203 |  | 204  |  | 205 |  | 206 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 204 |  | 205  |  | 206 |  | 207 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 205 |  | 206  |  | 207 |  | 208 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 206 |  | 207  |  | 208 |  | 209 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 207 |  | 208  |  | 209 |  | 210 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 208 |  | 209  |  | 210 |  | 211 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 209 |  | 210  |  | 211 |  | 212 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 210 |  | 211  |  | 212 |  | 213 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 211 |  | 212  |  | 213 |  | 214 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 212 |  | 213  |  | 214 |  | 215 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  | 213 |  | 214  |  | 215 |  | 216 |  |
|         |  |  |          |  |                                                                   |  |             |  |     |  |             |  |     |  |      |  |     |  |     |  |

|                        |  |          |  |                                                                                                                                          |  |                   |  |                                                                                       |  |                    |  |  |  |
|------------------------|--|----------|--|------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------|--|---------------------------------------------------------------------------------------|--|--------------------|--|--|--|
| ADDITIONAL INFORMATION |  |          |  | TYPE OF PRODUCT<br>OR<br>NAME OF CUSTOMER / PROJECT                                                                                      |  |                   |  | 33kV/40kA DOUBLE BUS GIS                                                              |  |                    |  |  |  |
| STATUS OF DRAWING      |  |          |  | <div>BHARAT HEAVY ELECTRICALS LTD.<br/>BHOPAL</div> |  |                   |  | DRN. NAME SIGN DATE NO. VA                                                            |  | 17.06.14           |  |  |  |
| DISTRIBUTION OF PRINTS |  |          |  |                                                                                                                                          |  |                   |  | CKD. MMR                                                                              |  |                    |  |  |  |
| SWE SWM TCX            |  |          |  |                                                                                                                                          |  |                   |  | APPD. NB                                                                              |  |                    |  |  |  |
| 1                      |  | 3        |  | 1                                                                                                                                        |  |                   |  |                                                                                       |  |                    |  |  |  |
| REV. DATE              |  | ALTERED  |  | DEPT SWE                                                                                                                                 |  | UNTOOL. DIMS. GR. |  |  |  | SCALE              |  |  |  |
|                        |  | CHECKED  |  | CODE                                                                                                                                     |  |                   |  | 1:1                                                                                   |  | WEIGHT ( K.G. )    |  |  |  |
|                        |  | APPROVED |  | 409                                                                                                                                      |  |                   |  |                                                                                       |  | REF. TO ASSY. DRG. |  |  |  |
|                        |  |          |  |                                                                                                                                          |  |                   |  |                                                                                       |  | RDDG43513050_1110  |  |  |  |
| ZONE                   |  |          |  | TITLE                                                                                                                                    |  |                   |  | DRAWING NO.                                                                           |  |                    |  |  |  |
|                        |  |          |  | ENCLOSURE-2U (VT)                                                                                                                        |  |                   |  | RDDG43513050_1111V                                                                    |  |                    |  |  |  |
|                        |  |          |  |                                                                                                                                          |  |                   |  | SHEET NO.01                                                                           |  | NO. OF SHEETS 01   |  |  |  |

FIRST ANGLE PROJECTION

< ALL DIMENSIONS ARE IN M.M. >

RDG43513050\_1611  
DRAWING NO.

2

3

4

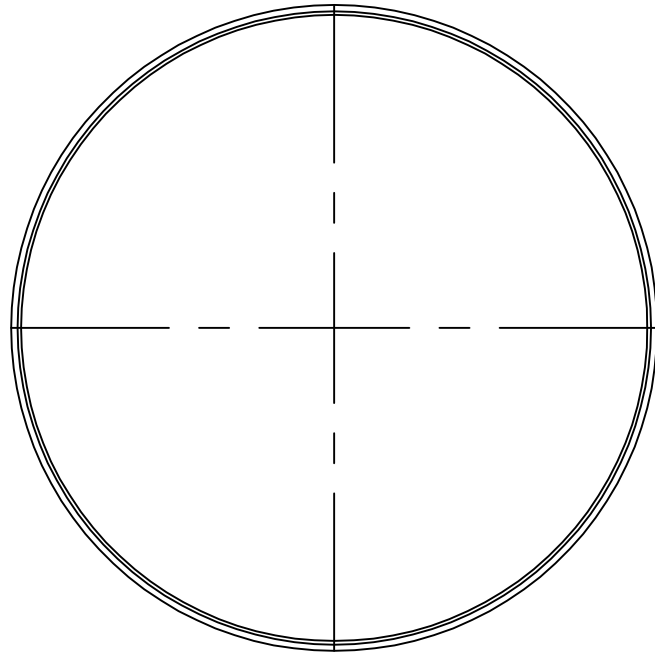
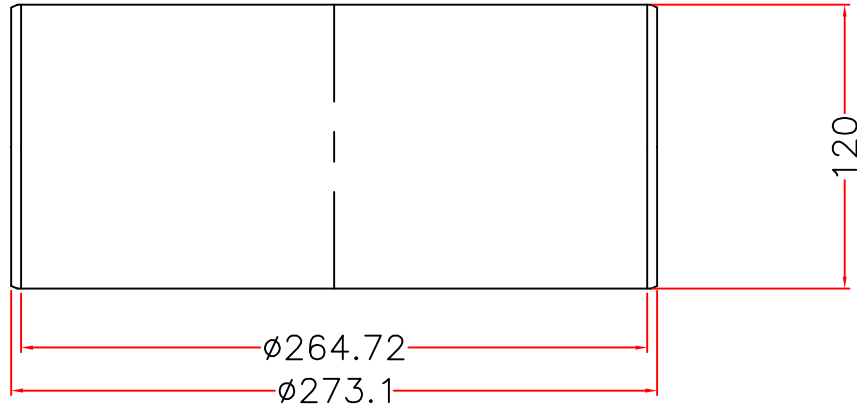
5

6

7

8

(~3.2)



NOTE:

1. ENDS SHOULD BE PARALLEL (IN 0.2 MM) AND COAXIAL.
2. THE PIPE SHOULD BE WITH MINIMUM OVALITY AND STRAIGHT.

|  |  |                |      |                                                                         |             |      |                |             |      |      |      |
|--|--|----------------|------|-------------------------------------------------------------------------|-------------|------|----------------|-------------|------|------|------|
|  |  | 25             | 001  | 273.1 O.Dx4.19 TK.x570<br>LG. ERW STAINLESS S.<br>PIPE GRADE AISINO-304 |             |      | SS-304         |             | -    |      |      |
|  |  | 75             | 76   | 77                                                                      | 27          | 29   | 58             | 59          | 60   | 77   | 78   |
|  |  | VAR.           | ITEM | DESCRIPTION                                                             | DRAWING NO. | 38   | 39             | 40          | 41   | 42   | 43   |
|  |  | NO.            | NO.  |                                                                         |             | VAR. | MATL. CODE     | MATL. SPCL. | UNIT | QTY. | ZONE |
|  |  | 28 CARD TYPE-1 |      |                                                                         |             |      | 28 CARD TYPE-2 |             |      |      |      |

|                        |      |          |      |                                                     |          |      |          |          |
|------------------------|------|----------|------|-----------------------------------------------------|----------|------|----------|----------|
| ADDITIONAL INFORMATION |      |          |      | TYPE OF PRODUCT<br>OR<br>NAME OF CUSTOMER / PROJECT |          |      |          |          |
| STATUS OF DRAWING      |      |          |      | 33kV/40kA DOUBLE BUS GIS                            |          |      |          |          |
| DISTRIBUTION OF PRINTS |      |          |      | BPHARAT HEAVY ELECTRICALS LTD.<br>BHOPAL            |          |      |          |          |
| SWE                    | SWM  | TCX      |      | DRN.                                                | NAME     | SIGN | DATE     | NO. OF   |
| 1                      | 3    | 1        |      | CKD.                                                | MMR      |      | 05.10.16 | VAR      |
|                        |      |          |      | APPD.                                               | NB       |      |          |          |
| REV.                   | DATE | ALTERED  | REV. | DATE                                                | ALTERED  | REV. | DATE     | ALTERED  |
|                        |      | CHECKED  |      |                                                     | CHECKED  |      |          | CHECKED  |
|                        |      | APPROVED |      |                                                     | APPROVED |      |          | APPROVED |
| PIPE                   |      |          |      | PIPE                                                |          |      |          |          |
| TITLE                  |      |          |      | PIPE                                                |          |      |          |          |
| SWE                    |      |          |      | SWE                                                 |          |      |          |          |
| CODE                   |      |          |      | CODE                                                |          |      |          |          |
| 409                    |      |          |      | 409                                                 |          |      |          |          |
| UNTOOL. DIMS. GR.      |      |          |      | UNTOOL. DIMS. GR.                                   |          |      |          |          |
| SCALE                  |      |          |      | SCALE                                               |          |      |          |          |
| 1:1                    |      |          |      | 1:1                                                 |          |      |          |          |
| WEIGHT                 |      |          |      | WEIGHT                                              |          |      |          |          |
| < K.G. >               |      |          |      | < K.G. >                                            |          |      |          |          |
| REF. TO ASSY. DRG.     |      |          |      | REF. TO ASSY. DRG.                                  |          |      |          |          |
| RDG43513050_1610       |      |          |      | RDG43513050_1610                                    |          |      |          |          |
| DRAWING NO.            |      |          |      | DRAWING NO.                                         |          |      |          |          |
| RDG43513050_1611       |      |          |      | RDG43513050_1611                                    |          |      |          |          |
| SHEET NO. 01           |      |          |      | SHEET NO. 01                                        |          |      |          |          |
| NO. OF SHEETS 01       |      |          |      | NO. OF SHEETS 01                                    |          |      |          |          |
| REV                    |      |          |      | REV                                                 |          |      |          |          |
| 00                     |      |          |      | 00                                                  |          |      |          |          |

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IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.

2 317 00 0160-300-001

REF. DRG. NO.

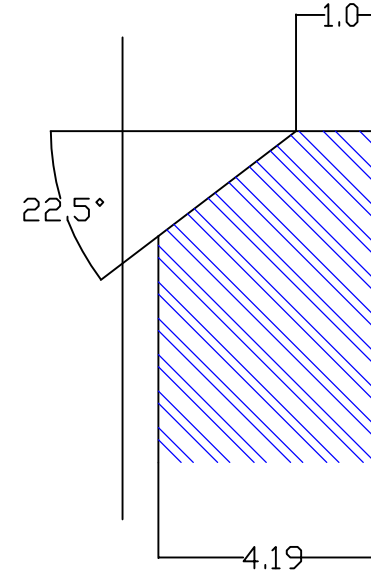
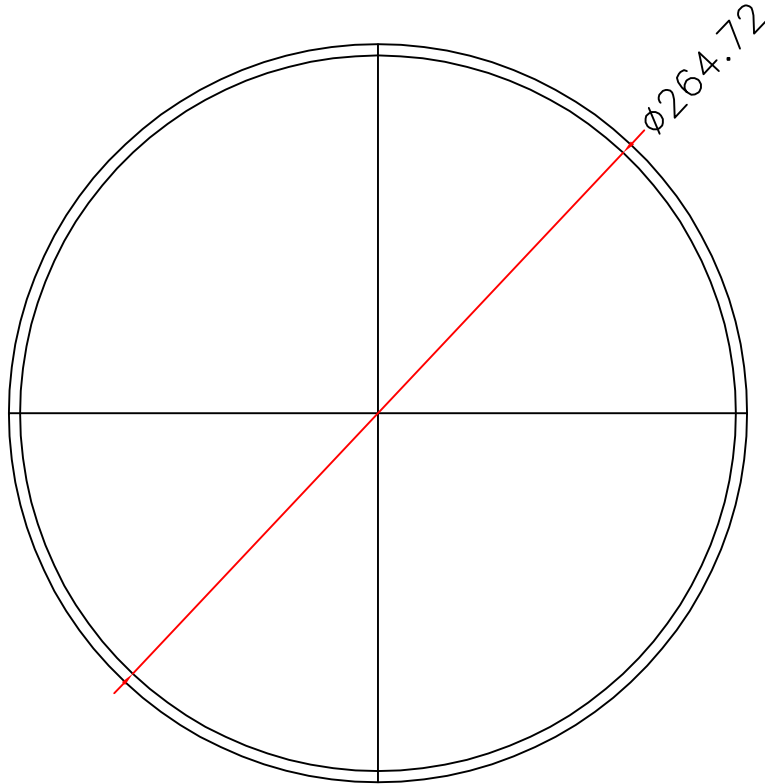
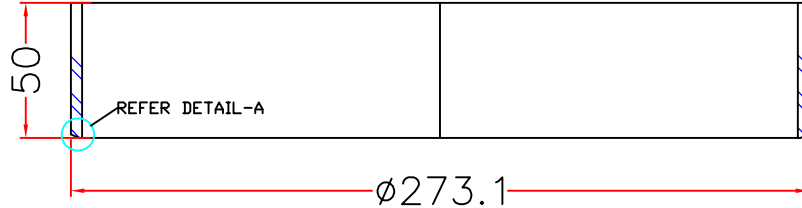
INVENTORY NO. SIGN & DATE

INVENTORY NO. SIGN & DATE REF. DRG. NO. 2317 00 0160-300-001 THE INFORMATION ON THIS DOCUMENT IS THE PROPERTY OF BHARAT HEAVY ELECTRICALS LIMITED. IT MUST NOT BE USED DIRECTLY OR INDIRECTLY IN ANY WAY DETRIMENTAL TO THE INTEREST OF THE COMPANY.

FIRST ANGLE PROJECTION

( ALL DIMENSIONS ARE IN M.M. )

RDG43513050\_1113  
DRAWING NO.



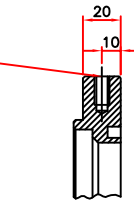
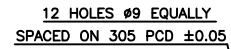
DETAIL-A

|         |  |          |    |          |    |                                                                        |  |    |    |    |             |         |    |                  |    |          |    |      |    |      |    |    |
|---------|--|----------|----|----------|----|------------------------------------------------------------------------|--|----|----|----|-------------|---------|----|------------------|----|----------|----|------|----|------|----|----|
|         |  | 25       |    | 001      |    | 273.1 O.Dx4.19 TKx50<br>L.G. ERW STAINLESS S.<br>PIPE GRADE AISINO-304 |  |    |    |    |             | AA10740 |    | -                |    |          |    |      |    |      |    |    |
| REMARKS |  | 75       | 76 | 79       | 87 | DESCRIPTION                                                            |  | 98 | 99 | 60 | DRAWING NO. |         | 77 | 89               | 31 | 34       | 38 | 45   | 58 | 59   | 63 | 72 |
|         |  | VAR. NO. |    | ITEM NO. |    |                                                                        |  |    |    |    |             | IT.NO.  |    | MATL. CODE       |    | UNIT WT. |    | QTY. |    | ZONE |    |    |
|         |  | 38       |    | 33       |    | 46                                                                     |  | 54 |    | 55 |             | VAR.    |    | MATL. SPGN.      |    | UNIT WT. |    | QTY. |    | ZONE |    |    |
|         |  |          |    |          |    | 28 — CARD TYPE-1                                                       |  |    |    |    |             |         |    | 28 — CARD TYPE-2 |    |          |    |      |    |      |    |    |

|                        |      |          |      |                                                     |          |      |          |
|------------------------|------|----------|------|-----------------------------------------------------|----------|------|----------|
| ADDITIONAL INFORMATION |      |          |      | TYPE OF PRODUCT<br>OR<br>NAME OF CUSTOMER / PROJECT |          |      |          |
| STATUS OF DRAWING      |      |          |      | 33kV/40kA DOUBLE BUS GIS                            |          |      |          |
| DISTRIBUTION OF PRINTS |      |          |      | BHARAT HEAVY ELECTRICALS LTD.<br>BHOPAL             |          |      |          |
| SWE                    | SWM  | TCX      |      | DRN.                                                | NAME     | SIGN | DATE     |
| 1                      | 3    | 1        |      | CKD.                                                | MMR      |      | 07.02.14 |
|                        |      |          |      | APPD.                                               | NB       |      |          |
| REV.                   | DATE | ALTERED  | REV. | DATE                                                | ALTERED  | REV. | DATE     |
|                        |      | CHECKED  |      |                                                     | CHECKED  |      |          |
|                        |      | APPROVED |      |                                                     | APPROVED |      |          |
| DEPT. SWE              |      |          |      | UNTOOL. DIMS. GR.                                   |          |      |          |
| CODE 409               |      |          |      | SCALE 1:1                                           |          |      |          |
| TITLE                  |      |          |      | WEIGHT < K.G. >                                     |          |      |          |
| EXTENSION PIPE         |      |          |      | REF. TO ASSY. DRG.                                  |          |      |          |
|                        |      |          |      | ITEM NO.                                            |          |      |          |
|                        |      |          |      | REV                                                 |          |      |          |
|                        |      |          |      | RDG43513050_1113 00                                 |          |      |          |
|                        |      |          |      | SHEET NO. 01 NO. OF SHEETS 01                       |          |      |          |

**DRAWING NO.**

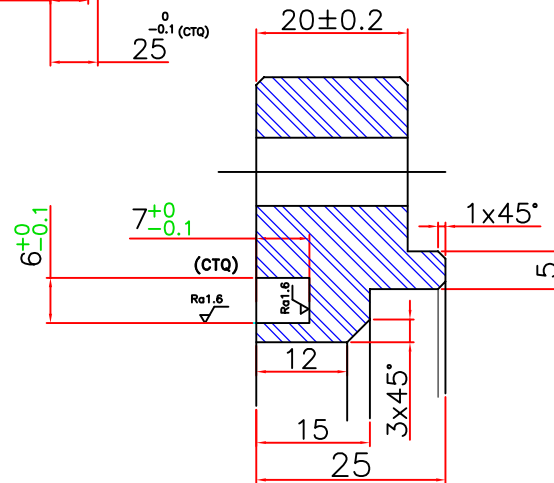
| INVENTORY NO. | SIGN. & DATE |
|---------------|--------------|
|---------------|--------------|



SECTION-AA

1. FINISHED (FINAL) DIMENSIONS ARE GIVEN IN THIS DRG. HOWEVER THE SUPPLIER SHOULD PROVIDE NECESSARY MACHINING ALLOWANCES AS FINAL MACHINING TO BE DONE AFTER WELDING TO ACHIEVE DESIRED ACCURACY
2. THIS DIMENSION SHOULD CORRESPOND TO O.D

**CTQ :- CRITICAL TO QUALITY**



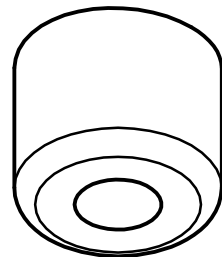
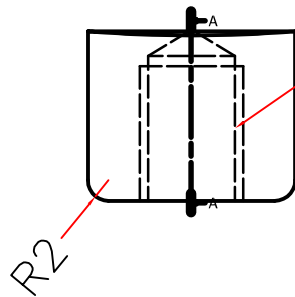
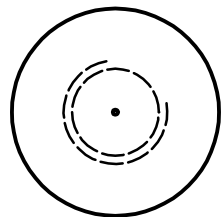
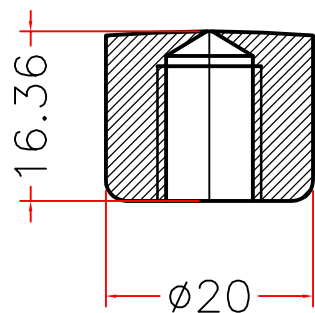
ENLARGED DETAIL-X

|                  |          |          |             |                                     |     |  |        |             |                  |      |       |      |  |
|------------------|----------|----------|-------------|-------------------------------------|-----|--|--------|-------------|------------------|------|-------|------|--|
|                  |          |          | 05          | L TK.x330x330<br>STAINLESS S. PLATE |     |  |        |             |                  | KG   | 4.686 |      |  |
|                  |          |          | 001         |                                     |     |  |        |             | AA10740          |      |       | 01   |  |
| REMARKS          | VAR. NO. | ITEM NO. | DESCRIPTION | DRAWING NO.                         | STD |  | IT.ND. | MATL. CODE  | CY               | UNIT | QTY.  | ZONE |  |
|                  |          |          |             |                                     |     |  | VAR.   | MATL. SPGN. |                  |      |       |      |  |
| 28 — CARD TYPE-1 |          |          |             |                                     |     |  |        |             | 28 — CARD TYPE-2 |      |       |      |  |

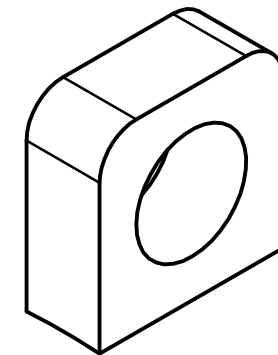
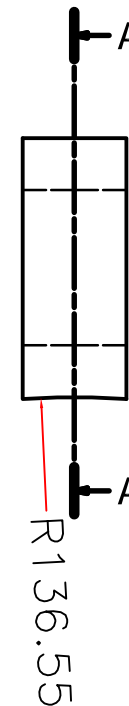
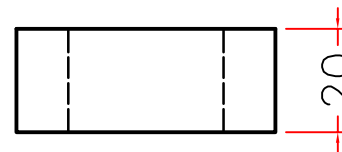
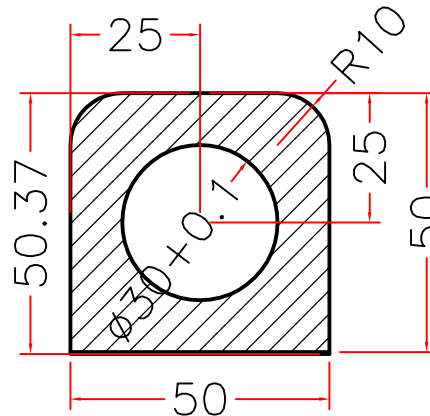
|                        |      |          |  |                                                                                                                               |                   |                                                                                       |       |                          |                    |                                  |                  |                  |
|------------------------|------|----------|--|-------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------------------------------------------------------------------------------|-------|--------------------------|--------------------|----------------------------------|------------------|------------------|
| ADDITIONAL INFORMATION |      |          |  | TYPE OF PRODUCT<br>OR<br>NAME OF CUSTOMER / PROJECT                                                                           |                   |                                                                                       |       | 33kV/40kA DOUBLE BUS GIS |                    |                                  |                  |                  |
| STATUS OF DRAWING      |      |          |  |  BHARAT HEAVY ELECTRICALS LTD.<br>BHOPAL |                   |                                                                                       |       | NAME<br>SNK              |                    | SIGN                             | DATE<br>14.12.13 | NO. OF<br>VAR    |
| DISTRIBUTION OF PRINTS |      |          |  |                                                                                                                               |                   |                                                                                       |       | CKD.<br>MMR              |                    |                                  |                  |                  |
| SWE                    | SWM  | TCX      |  |                                                                                                                               |                   |                                                                                       |       | APPD.<br>NB              |                    |                                  |                  |                  |
| 1                      | 3    | 1        |  |                                                                                                                               |                   |                                                                                       |       |                          |                    |                                  |                  |                  |
| REV.                   | DATE | ALTERED  |  | DEPT                                                                                                                          | UNTOOL. DIMS. GR. |  | SCALE | WEIGHT<br>( K.G. )       | REF. TO ASSY. DRG. |                                  | ITEM<br>NO.      | NO. OF<br>ITEM   |
|                        |      | CHECKED  |  | SWE                                                                                                                           |                   |                                                                                       | 1:1   |                          | RDDG43513050_1110  |                                  |                  |                  |
|                        |      | APPROVED |  | CODE                                                                                                                          | 409               |                                                                                       |       |                          |                    |                                  |                  |                  |
| ZONE                   |      |          |  | TITLE<br>FLANGE-1                                                                                                             |                   |                                                                                       |       |                          |                    | DRAWING NO.<br>RDDG43513050_1112 |                  | REV<br>00        |
|                        |      |          |  |                                                                                                                               |                   |                                                                                       |       |                          |                    | SHEET NO. 01                     |                  | NO. OF SHEETS 01 |

| REV. | DATE | ALTERED  | REV. | DATE | ALTERED  | REV. | DATE | ALTERED  | REV. | DATE | ALTERED  | REV. | DATE | ALTERED  | DEPT              | SWE | UNTL. DIMS. GR.  |  | SCALE | WEIGHT<br>( < K.G. > ) | REF. TO ASSY. DRG.               | ITEM<br>NO. | NO. OF<br>ITEM |          |
|------|------|----------|------|------|----------|------|------|----------|------|------|----------|------|------|----------|-------------------|-----|------------------|---------------------------------------------------------------------------------------|-------|------------------------|----------------------------------|-------------|----------------|----------|
|      |      | CHECKED  |      |      | CHECKED  |      |      | CHECKED  |      |      | CHECKED  |      |      | CHECKED  |                   |     |                  |                                                                                       |       |                        |                                  |             |                | CHECKED  |
|      |      | APPROVED |      |      | APPROVED |      |      | APPROVED |      |      | APPROVED |      |      | APPROVED |                   |     |                  |                                                                                       |       |                        |                                  |             |                | APPROVED |
| ZONE |      |          | ZONE |      |          | ZONE |      |          | ZONE |      |          | ZONE |      |          | TITLE<br>FLANGE-1 |     |                  |                                                                                       |       |                        | DRAWING NO.<br>RDDG43513050_1112 | REV<br>00   |                |          |
|      |      |          |      |      |          |      |      |          |      |      |          |      |      |          | SHEET NO. 01      |     | NO. OF SHEETS 01 |                                                                                       |       |                        |                                  |             |                |          |

DRG. NO. RDDG43513050\_1115



STD.M10X13MM



### EARTH SUPPORT

### SHAFT SUPPORT

#### NOTE :-

1. FINISHED (FINAL) DIMENSIONS ARE GIVEN IN THIS DRG. HOWEVER THE SUPPLIER SHOULD PROVIDE NECESSARY MACHINING. ALLOWANCES AS FINAL MACHINING. IS TO BE DONE AFTER WELDING TO ACHIEVE DESIRED ACCURACY.

CTQ :- CRITICAL TO QUALITY

|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|--------|----|----|----|---------|----|------------------|----|----------|----|----------|----|-------------|----|----|----|--------------|----|-------------|----|-----|----|--------|--|------------|--|------|--|----------|--|------|--|----|--|
|        |    |    |    | 001     |    | STAINLESS S. BAR |    |          |    |          |    |             |    |    |    | AA1070225185 |    |             |    | —   |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    | AA10725      |    | KG          |    | 001 |    |        |  |            |  |      |  |          |  |      |  |    |  |
| 59     | 64 | 65 | 75 | 78      | 79 | 25               | 27 | 29       | 58 | 59       | 60 | 77          | 29 | 31 | 34 | 45           | 55 | 56          | 58 | 65  | 72 |        |  |            |  |      |  |          |  |      |  |    |  |
| VAR.00 |    |    |    | REMARKS |    |                  |    | VAR. NO. |    | ITEM NO. |    | DESCRIPTION |    |    |    | STD          |    | DRAWING NO. |    |     |    | IT.NO. |  | MATL. CODE |  | UNIT |  | UNIT WT. |  | QTY. |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    | 32     |  | 33         |  | 46   |  | 54       |  | 68   |  | 71 |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |
|        |    |    |    |         |    |                  |    |          |    |          |    |             |    |    |    |              |    |             |    |     |    |        |  |            |  |      |  |          |  |      |  |    |  |

28 CARD TYPE-3

28 CARD TYPE-1

28 CARD TYPE-2

#### ADDITIONAL INFORMATION

#### STATUS OF DRAWING

B

#### DISTRIBUTION OF PRINTS

O/C - 1 TCX - 1  
SWM - 3

mRikn dk i-dkj ;k  
xk-gd@ffj;kstuk dk uke  
TYPE OF PRODUCT OR  
NAME OF CUSTOMER/PROJECT

33kV / 40kA DOUBLE BUS GIS



HAKjr gsoh bysfDV&dYl fyfeVsM  
HAKsiky  
BHARAT HEAVY ELECTRICALS LTD.  
BHOPAL

|          |           |            |             |
|----------|-----------|------------|-------------|
| uke@NAME | gLrk@SIGN | fnaukd@ATE | osfj_ dh    |
| SNK      | Sd/-      | 01.10.16   | la[k NO. OF |
| MMR      | Sd/-      | 01.10.16   | VAR         |
| HRP      | Sd/-      |            | -           |

|      |         |          |             |
|------|---------|----------|-------------|
| REV. | DATE    | ALTERED  | G.PRASAD    |
| 02   | 19.3.96 | CHECKED  | DKL         |
|      |         | APPROVED | D.K.DIKSHIT |

|          |                       |
|----------|-----------------------|
| foHAKx   | vu_ Vky_ uki dh Js.kh |
| DEPT.SWE | UNTOL. DIMS. GR.      |
| dkSM     |                       |
| CODE     | 409                   |



|            |                       |
|------------|-----------------------|
| HAkj fd_xh | vs_ M&kbZax dk lanHAZ |
| WEIGHT(KG) | REF. TO ASSY. DRG.    |

|          |         |
|----------|---------|
| en_d_    | en_la[k |
| ITEM NO. | ITEM    |

|                   |     |
|-------------------|-----|
| RDDG43513050_1110 | 004 |
|-------------------|-----|

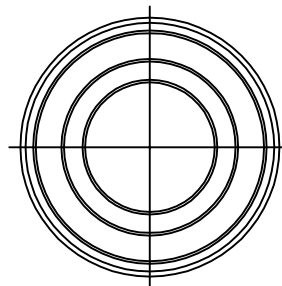
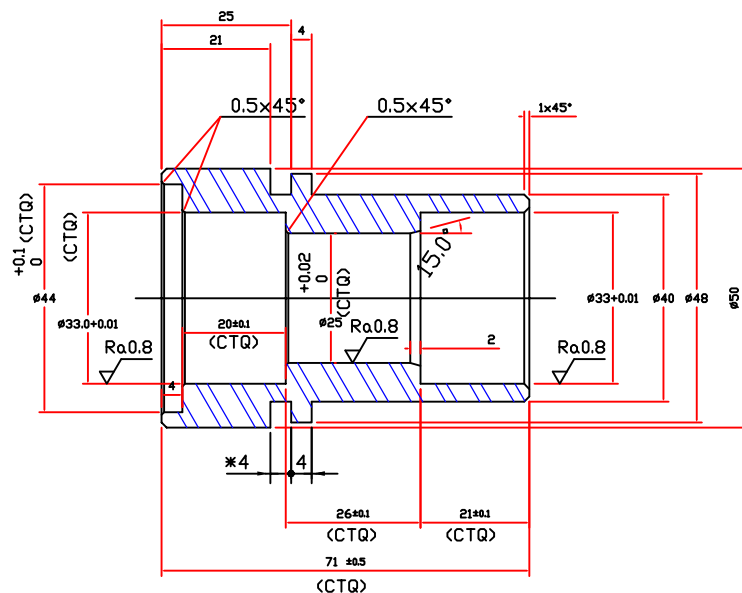
|     |     |
|-----|-----|
| 001 | 001 |
|-----|-----|

EARTH & SHAFT SUPPORTS

|                   |                 |           |
|-------------------|-----------------|-----------|
| vkjs[A d-B        | DRAWING NO.     | iqu_      |
| RDDG43513050_1115 |                 | REV.      |
| 01                |                 | 04        |
| I="B d-001        | I="Bkso dh la[k | OF SHT.01 |



DRG. NO. RDDG43513050-1114



NOTE :-

1. FINISHED (FINAL) DIMENSIONS ARE GIVEN IN THIS DRG. HOWEVER THE SUPPLIER SHOULD PROVIDE NECESSARY MACHINING. ALLOWANCES AS FINAL MACHINING. IS TO BE DONE AFTER WELDING TO ACHIEVE DESIRED ACCURACY.

CTQ :- CRITICAL TO QUALITY

|        |    |    |    |         |    |                                    |          |    |          |    |             |              |    |     |    |             |    |       |        |  |             |  |          |  |    |  |
|--------|----|----|----|---------|----|------------------------------------|----------|----|----------|----|-------------|--------------|----|-----|----|-------------|----|-------|--------|--|-------------|--|----------|--|----|--|
|        |    |    |    | 001     |    | 50 DIA.x71 LG.<br>STAINLESS S. BAR |          |    |          |    |             | AA1070225185 |    |     |    | KG          |    | 0.730 |        |  |             |  |          |  |    |  |
|        |    |    |    |         |    |                                    |          |    |          |    |             | AA10725      |    |     |    |             |    | 001   |        |  |             |  |          |  |    |  |
| 59     | 64 | 65 | 75 | 78      | 79 | 25                                 | 27       | 29 | 58       | 59 | 60          | 77           | 29 | 31  | 34 | 45          | 55 | 56    | 65     |  |             |  |          |  |    |  |
| VAR.00 |    |    |    | REMARKS |    |                                    | VAR. NO. |    | ITEM NO. |    | DESCRIPTION |              |    | STD |    | DRAWING NO. |    |       | IT.NO. |  | MATL. CODE  |  | UNIT WT. |  |    |  |
|        |    |    |    |         |    |                                    |          |    |          |    |             |              |    |     |    |             |    |       | 32     |  | 33          |  | 68       |  |    |  |
|        |    |    |    |         |    |                                    |          |    |          |    |             |              |    |     |    |             |    |       |        |  | 46          |  | 54       |  | 71 |  |
|        |    |    |    |         |    |                                    |          |    |          |    |             |              |    |     |    |             |    |       |        |  | MATL. SPCN. |  | QTY.     |  |    |  |

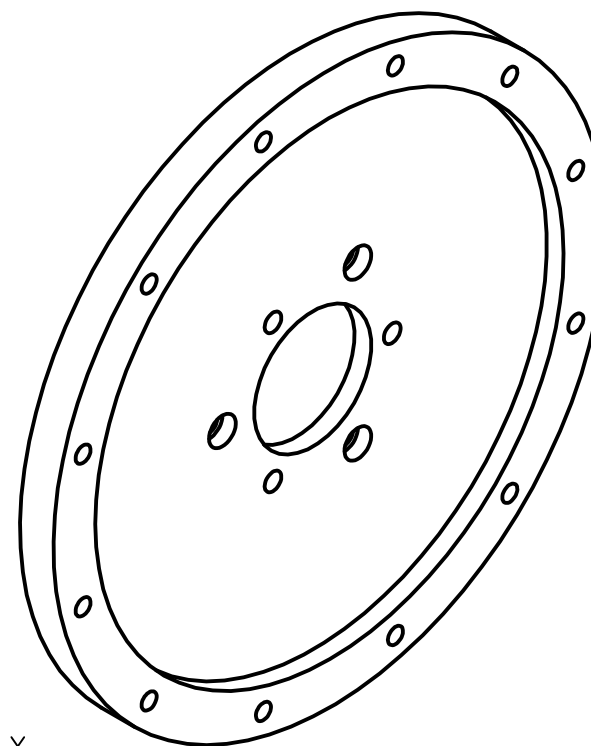
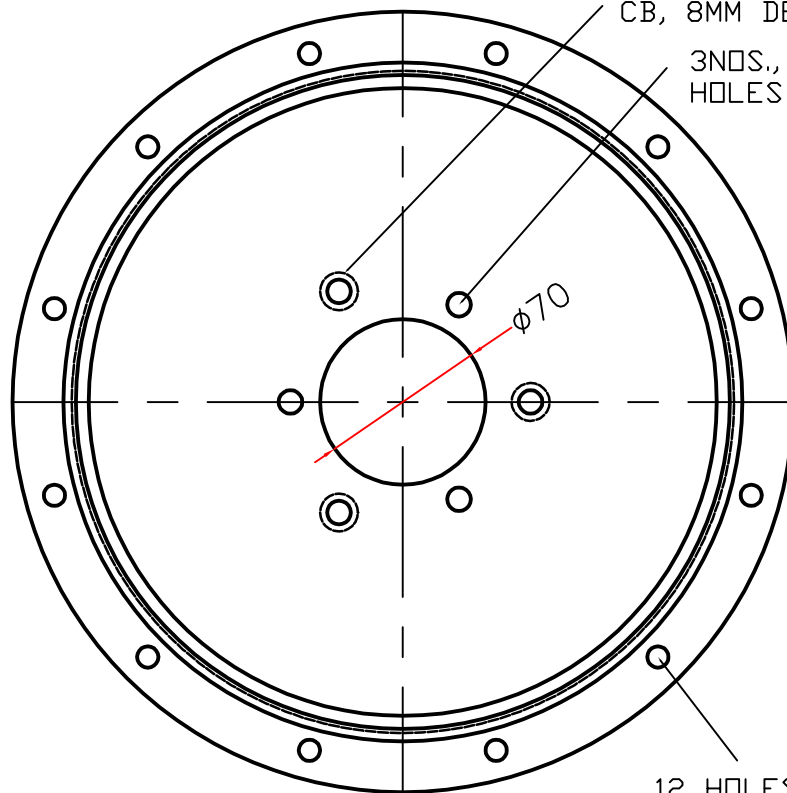
|                        |  |  |  |                                                                                                                                                                          |  |         |  |                        |  |                      |  |            |  |                          |  |        |  |            |  |                         |  |                           |  |       |  |
|------------------------|--|--|--|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------|--|------------------------|--|----------------------|--|------------|--|--------------------------|--|--------|--|------------|--|-------------------------|--|---------------------------|--|-------|--|
| 28 — CARD TYPE—1       |  |  |  | 28 — CARD TYPE—2                                                                                                                                                         |  |         |  |                        |  |                      |  |            |  |                          |  |        |  |            |  |                         |  |                           |  |       |  |
| ADDITIONAL INFORMATION |  |  |  | 33kV / 40kA DOUBLE BUS GIS                                                                                                                                               |  |         |  |                        |  |                      |  |            |  |                          |  |        |  |            |  |                         |  |                           |  |       |  |
| STATUS OF DRAWING      |  |  |  |                                                                                                                                                                          |  |         |  |                        |  |                      |  |            |  |                          |  |        |  |            |  |                         |  |                           |  |       |  |
| DISTRIBUTION OF PRINTS |  |  |  |                                                                                                                                                                          |  |         |  |                        |  |                      |  |            |  |                          |  |        |  |            |  |                         |  |                           |  |       |  |
| O/C — 1 TCX — 1        |  |  |  |  HAKjr gsoh bysfDV&dYI fyfeVsM<br>HAKsiy<br>BHARAT HEAVY ELECTRICALS LTD.<br>BHOPAL |  |         |  | cuk;k DRN              |  | uke@NAME             |  | gLrk@SIGN  |  | fnaukd@DATE              |  | osfj_  |  |            |  |                         |  |                           |  |       |  |
| SWM — 3                |  |  |  |                                                                                                                                                                          |  |         |  | tWok CKD               |  | SNK                  |  | Sd/—       |  | 01.10.16                 |  | la;j;k |  |            |  |                         |  |                           |  |       |  |
|                        |  |  |  | vuglkr APPD                                                                                                                                                              |  | MMR     |  | Sd/—                   |  | 01.10.16             |  | VAR        |  |                          |  |        |  |            |  |                         |  |                           |  |       |  |
|                        |  |  |  |                                                                                                                                                                          |  | HRP     |  | Sd/—                   |  |                      |  |            |  |                          |  |        |  |            |  |                         |  |                           |  |       |  |
| ASAD                   |  |  |  | REV.                                                                                                                                                                     |  | DATE    |  | ALTERED                |  | G.PRASAD             |  | foHAKy     |  | vu...vkry...uki dh Js.kh |  | vuglkr |  | HAKj fd_xh |  | vls...M&kBZax dk lanHAZ |  | en d—                     |  | en Ja |  |
| SONKAR                 |  |  |  | 02                                                                                                                                                                       |  | 19.3.96 |  | CHECKED                |  | DKL                  |  | DEPT SWE   |  | UNTOLD, DIMS. GR.        |  | SCALE  |  | WEIGHT(KG) |  | REF. TO ASSY. DRG.      |  | ITEM NO.                  |  | NO. L |  |
| DIKSHIT                |  |  |  |                                                                                                                                                                          |  |         |  | APPROVED               |  | D.K.DIKSHIT          |  | dkSM       |  | CODE                     |  | 1:1    |  |            |  | RDDG43513050_1110       |  | 004                       |  | ITEM  |  |
| NOT ON.                |  |  |  |                                                                                                                                                                          |  |         |  | SHAPE MODIFIED TO SUIT |  | WELDING NOTE 2 ADDED |  | 'kh"AZdRLE |  |                          |  |        |  |            |  | vksj[A d—DRAWING NO.    |  |                           |  | iqu   |  |
|                        |  |  |  |                                                                                                                                                                          |  |         |  |                        |  |                      |  |            |  |                          |  |        |  |            |  | RDDG43513050_1114       |  |                           |  | REV   |  |
|                        |  |  |  |                                                                                                                                                                          |  |         |  |                        |  |                      |  |            |  |                          |  |        |  |            |  | I="B d—SHT. No. 01      |  | I="Bksa dh la;j;M OF SHT. |  | 04    |  |

**A3 SIZE**

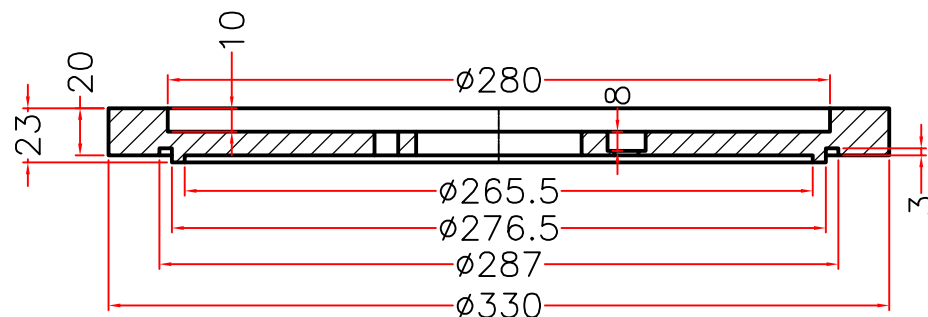
DRAWING NO.

3 NOS., Ø10 CLEAR  
HOLES @ 95 PCD

(~3.2)



12 HOLES  $\varnothing 9$  EQUALLY  
SPACED ON 305 PCD  $\pm 0.05$



|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|---------|--|--|-----|----|----------|----|----|-------------------|---------------------|--|--|----|---------|----|-------------------|--|----|--|----|----|----|----|------------|--|----|----|----------|----|----|--|--|
|         |  |  | 001 |    | BLANK    |    |    |                   | DIA 330MM X23MM THK |  |  |    | S.S 304 |    |                   |  | -  |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  | 01 |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
| REMARKS |  |  | 78  | 79 | ITEM NO. | 87 | 29 | DESCRIPTION       |                     |  |  | 58 | 59      | 60 | DRAWING NO.       |  |    |  | 77 | 79 | 31 | 34 | MATL. CODE |  | 45 | 58 | UNIT WT. | 65 | 72 |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    | 38 - CAPP. TYPE-1 |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    | 38 - CAPP. TYPE-2 |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |
|         |  |  |     |    |          |    |    |                   |                     |  |  |    |         |    |                   |  |    |  |    |    |    |    |            |  |    |    |          |    |    |  |  |

|                        |      |          |             |                                                                                                                                                      |                                                                                       |       |                    |                          |      |                  |                |               |
|------------------------|------|----------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------|--------------------|--------------------------|------|------------------|----------------|---------------|
| ADDITIONAL INFORMATION |      |          |             | TYPE OF PRODUCT<br>OR<br>NAME OF CUSTOMER / PROJECT                                                                                                  |                                                                                       |       |                    | 33kV/40kA DOUBLE BUS GIS |      |                  |                |               |
| STATUS OF DRAWING      |      |          |             | <div></div> <div>BHARAT HEAVY ELECTRICALS LTD.<br/>BHOPAL</div> |                                                                                       |       |                    | DRN.                     | NAME | SIGN             | DATE           | NO. OF<br>VAR |
| DISTRIBUTION OF PRINTS |      |          |             |                                                                                                                                                      |                                                                                       |       |                    | CKD.                     | SVJ  |                  | 05.10.16       |               |
| SWE                    | SWM  | TCX      |             |                                                                                                                                                      |                                                                                       |       |                    | APPD.                    | NB   |                  |                |               |
| 1                      | 3    | 1        |             |                                                                                                                                                      |                                                                                       |       |                    |                          |      |                  |                |               |
| REV.                   | DATE | ALTERED  | DEPT        | UNTOL. DIMS. GR.                                                                                                                                     |  | SCALE | WEIGHT<br>( K.G. ) | REF. TO ASSY. DRG.       |      | ITEM<br>NO.      | NO. OF<br>ITEM |               |
|                        |      | CHECKED  | SWE         |                                                                                                                                                      |                                                                                       | 1:1   |                    | RDDG43513050_1600        |      |                  |                |               |
|                        |      | APPROVED | CODE<br>409 |                                                                                                                                                      |                                                                                       |       |                    |                          |      |                  |                |               |
| ZONE                   |      |          |             | TITLE                                                                                                                                                |                                                                                       |       |                    | DRAWING NO.              |      | REV              |                |               |
|                        |      |          |             | VT FLANGE                                                                                                                                            |                                                                                       |       |                    | RDDG43513050_1601        |      | 00               |                |               |
|                        |      |          |             |                                                                                                                                                      |                                                                                       |       |                    | SHEET NO. 01             |      | NO. OF SHEETS 01 |                |               |

|      |      |          |      |      |          |      |      |          |      |      |          |
|------|------|----------|------|------|----------|------|------|----------|------|------|----------|
| REV. | DATE | ALTERED  | REV. | DATE | ALTERED  | REV. | DATE | ALTERED  | REV. | DATE | ALTERED  |
|      |      | CHECKED  |      |      | CHECKED  |      |      | CHECKED  |      |      | CHECKED  |
|      |      | APPROVED |      |      | APPROVED |      |      | APPROVED |      |      | APPROVED |

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| ZONE |   | ZONE |   | ZONE |   | ZONE |  |
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|      | 2 |      | 3 |      | 4 |      |  |