

ALL DIMENSIONS ARE IN MILLIMETRES

|     |            |                     |
|-----|------------|---------------------|
| REV | DATE       | ALTERED : R.BHARATH |
| 01  | 10.02.2020 | APPD : C.SARAVANAN  |

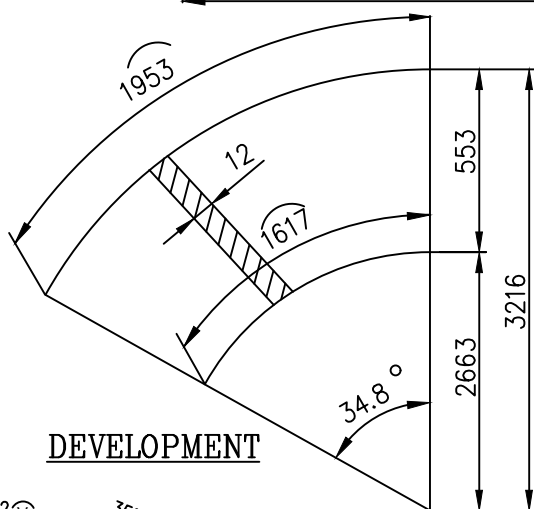
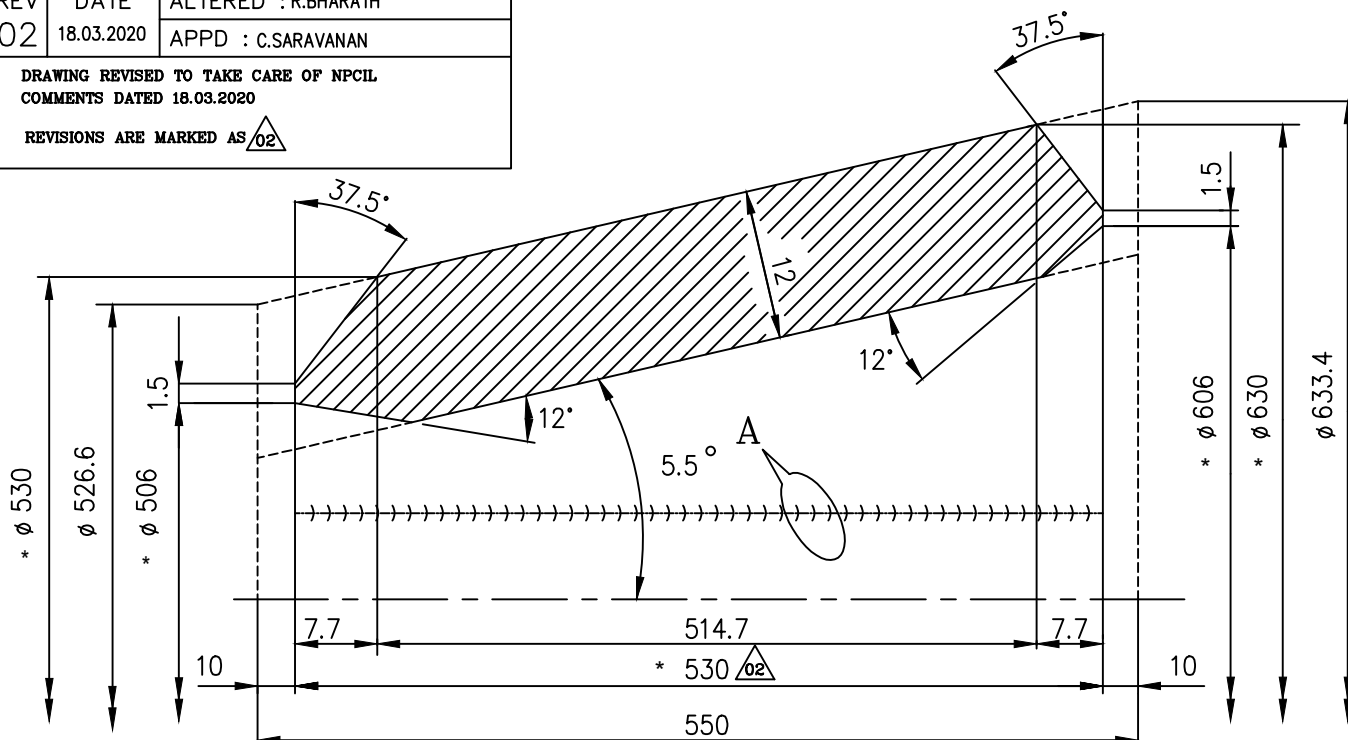
|     |            |                      |
|-----|------------|----------------------|
| REV | DATE       | ALTERED : B.B.GHADAI |
| 03  | 02.09.2020 | APPD : R.BHARATH     |

DRAWING REVISED TO TAKE CARE OF NPCIL  
COMMENTS DATED 31.01.2020REVISIONS ARE MARKED AS  $\Delta$ 01

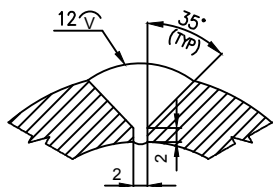
MATERIAL CODE INCORPORATED

REVISIONS ARE MARKED AS  $\Delta$ 03

|     |            |                     |
|-----|------------|---------------------|
| REV | DATE       | ALTERED : R.BHARATH |
| 02  | 18.03.2020 | APPD : C.SARAVANAN  |

DRAWING REVISED TO TAKE CARE OF NPCIL  
COMMENTS DATED 18.03.2020REVISIONS ARE MARKED AS  $\Delta$ 02

DEVELOPMENT



DETAIL-A

NOTES:-

- $\Delta$ 02 01. 100 % RT ON WELD & ANY OTHER NDT REQUIREMENT AS PER NPCIL APPROVED BHEL QUALITY PLAN NO-7430:QPC:05
02. \* THIS INDICATES THE FINAL FINISHED DIMENSION.
03. DOTTED LINES SHOWS THE REDUCER BEFORE MACHINING.
04. FOR SHOP PAINTING/COATING/GRIT BLASTING DETAILS, REFER NPCIL APPROVED BHEL QUALITY PLAN NO-7430:QPC:05
- $\Delta$ 02 05. FOR WELD JOINTS, LOW AND SMOOTH PROFILE SHALL BE MAINTAINED WITH THE FOLLOWING CONDITIONS,
- (a) MAXIMUM WELD REINFORCEMENT THICKNESS ON INSIDE SURFACE IS 0.5MM.
- (b) MAXIMUM WELD REINFORCEMENT THICKNESS ON OUTSIDE SURFACE IS 3MM.
- THIS IS AS PER PAINTING/COATING MANUFACTURER RECOMMENDATION

|             |                              |              |   |      |              |
|-------------|------------------------------|--------------|---|------|--------------|
| $\Delta$ 03 | PLATE THK = 12<br>1930 x 680 | 150420130000 | C | UNIT | 92.956       |
|             |                              | SA516GR70    |   |      |              |
| VAR NO.     | DESCRIPTION                  | MATL. CODE   | A | UNIT | UNIT.WT.(Kg) |
|             |                              | MATL. SPECN. |   |      | QTY.         |



BHARAT HEAVY ELECTRICALS LIMITED

PIPING CENTRE  
CHENNAI 600 017

|       | NAME        | SIGN | DATE     |
|-------|-------------|------|----------|
| DRN.  | R.BHARATH   | -SD- | 18.12.19 |
| CHD.  | I.BISWAS    | -SD- | 18.12.19 |
| APPD. | C.SARAVANAN | -SD- | 18.12.19 |

|      |                       |            |       |             |
|------|-----------------------|------------|-------|-------------|
| DEPT | GRADE OF<br>UNTOL.DIM | PROJECTION | SCALE | WEIGHT (KG) |
| CODE | C / M / F             |            | N.T.S | 92.956      |

REFERENCE CUSTOMER DRAWING  
PEB PIPING-TUNNEL NO(S)  
31UQZ, 32UQZ  
41UQZ, 42UQZ

TITLE

PLATE FORMED REDUCER  
OD630X12 / OD530X12

DRAWING NO.

4-N0-468-00010 03

REV

Size A4