DISTRIBUTION TECHNOLOGY
RETICULATION/SUB-TRANSMISSION LINES
SINGLE CIRCUIT GUYED INTERMEDIATE STEEL POLE - GENERAL ARRANGEMENT

FOR EARTH BRACKET
DETAILS SEE DRAWING No. D-DT 7331

FOR CROSS ARM
DETAILS SEE DRAWING No. D-DT 7649/2

POLE MAY BE TUBULAR OR COFFIN SHAPED

CHANNEL WELDED ONTO POLE (SEE DRAWING No. D-DT 7649/3)

PLAN ON CROSS ARM ANGLES

GND ON POLE

ELEVATION ON POLE

SE ENLARGED DETAIL 1

ATTACHMENT HEIGHT DETAIL

<table>
<thead>
<tr>
<th>HEIGHT A.G.L.(m)</th>
<th>C.A.H.(m)</th>
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<tbody>
<tr>
<td>L</td>
<td>B</td>
</tr>
<tr>
<td>18.2</td>
<td>10.80</td>
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<tr>
<td>19.2</td>
<td>11.80</td>
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<tr>
<td>20.1</td>
<td>12.70</td>
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<tr>
<td>21.2</td>
<td>13.80</td>
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<tr>
<td>22.7</td>
<td>15.30</td>
</tr>
<tr>
<td>24.2</td>
<td>16.80</td>
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THIS DRAWING IS RELEVANT FOR GUYED AND FREESTANDING STRUCTURES
FOR DETAILS OF ANGLES SEE DRAWING No D-DT 7649/3

FOR DETAILS OF PLATE SEE DRAWING D-DT 7649/3

160 x 65 CHANNEL

60 x 60 x 5 ANGLES

FOR DETAILS OF LUG SEE DRAWING No D-DT 7649/3

12mm DIA ROD

60 x 60 x 5 ANGLES

FOR DETAILS OF CHANNEL SEE DRAWING No D-DT 7649/3

TUBULAR/COFFIN SHAPE MAST

FOR DETAILS OF LAND PLATE SEE DRAWING No D-DT 7649/3

THESE HOLES ARE PROVIDED
FOR LIFTING GEAR

ELEVATION ON CROSS ARM

NOTE:
ALL BOLTS USED TO BE
M16 GRADE 8.8 BOLTS

DISTRIBUTION TECHNOLOGY
RETICULATION/SUB-TRANSMISSION LINES
SINGLE CIRCUIT GUYED INTERMEDIATE
STEEL POLE - LAYOUT OF CROSS ARM

D-DT 7641  4  2  A
ONE ANGLE REQUIRED AS DRAWN
ONE ANGLE REQUIRED TO OPP HAND

2485 CENTRE TO CENTRE OF HOLES
2345 INSIDE 'EYES' (FAR SIDE)

DETAIL OF 12mm DIA ROD

DETAIL OF LUG 'L1'

DETAIL OF CHANNEL CONNECTION

DETAIL OF PLATE 'P1'

DETAIL OF LANDING PLATE

NOTE:
ALL BOLTS USED
TO BE M16 GRADE
8.8 BOLTS

DISTRIBUTION TECHNOLOGY
RETICULATION/SUB-TRANSMISSION LINES
SINGLE CIRCUIT GUYED INTERMEDIATE
STEEL POLE - X-ARM FABRICATION DRAWING

D-DT 7641
MASS OF CROSS ARM:
ANGLES (Total) = 20 kg
CONNECTIONS/PLATES = 10 kg
BOLTS = 1 kg

DISTRIBUTION TECHNOLOGY
RETICULATION/SUB-TRANSMISSION LINES
SINGLE CIRCUIT GUAYED INTERMEDIATE
STEEL POLE - X-ARM FABRICATION DRAWING

D-DT 7641 4 4 A