Degree symbols in the title boxes are displayed as %D. This does not effect the accuracy of the drawings. This will be resolved in the next revision.
Refer dwg 5-7-3-2 for Foundations  
Refer dwg 5-4-16-10 for Pole Construction

### OVERHEAD SUB-TRANSMISSION

**66kV CONCRETE POLE MANUFACTURING DETAILS**

#### SINGLE CIRCUIT RURAL VERTICAL, STRAIN

**18m X 60kN AND 35°-45° ANGLE POLE**

<table>
<thead>
<tr>
<th>DISTANCE FROM TIP (mm)</th>
<th>ORIENTATION</th>
<th>FITTING DESCRIPTION</th>
<th>TUBE LENGTH</th>
<th>FITTING PURPOSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>150</td>
<td>E</td>
<td>Tip ring and pole cap</td>
<td>403</td>
<td>Tip ring and pole cap</td>
</tr>
<tr>
<td>150</td>
<td>F</td>
<td>Stay bracket, backing plate, eye nut bottom bolt (M20)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>200</td>
<td>D</td>
<td>M12 earth female (30mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>250</td>
<td>G</td>
<td>M12 earth female (30mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>300</td>
<td>H</td>
<td>M16 female (25mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>350</td>
<td>I</td>
<td>M16 female (25mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>400</td>
<td>J</td>
<td>M16 female (25mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>450</td>
<td>K</td>
<td>M16 female (25mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>500</td>
<td>L</td>
<td>M16 female (25mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>550</td>
<td>M</td>
<td>M16 female (25mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>600</td>
<td>N</td>
<td>M16 female (25mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>650</td>
<td>O</td>
<td>M16 female (25mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>700</td>
<td>P</td>
<td>M16 female (25mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>750</td>
<td>Q</td>
<td>M16 female (25mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>800</td>
<td>R</td>
<td>M16 female (25mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>850</td>
<td>S</td>
<td>M16 female (25mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>900</td>
<td>T</td>
<td>M16 female (25mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>950</td>
<td>U</td>
<td>M16 female (25mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>1000</td>
<td>V</td>
<td>M16 female (25mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>1050</td>
<td>W</td>
<td>M16 female (25mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
<tr>
<td>1100</td>
<td>X</td>
<td>M16 female (25mm thread)</td>
<td>Earth</td>
<td>Earth</td>
</tr>
</tbody>
</table>

**NOTES**

1. Orientation is measured clockwise when looking down on pole tip.  
2. Bracketed fittings require +/- 2 mm tolerance between them and +/- 2mm orientation tolerance.  
3. Longitudinal capacities to be not less than transverse capacities.  
4. Stainless steel tubes are to be accurately positioned and free from concrete and deformity.  
5. A nominal Ø10 vent hole is required at the centre of the through tube provided for square rigging.  
6. No subsidiary to be incorporated on 18m poles.  
7. Temporary stays may be required during construction and/or maintenance works.

**SET**

1. A Tip ring and pole cap  
2. J Depth indication mark  
3. H M16 ferrule (25mm thread length)  
4. G M12 earth ferrule (30mm thread length)  
5. I Name plate  
6. D 22 OD S/S tube for M16 bolt  
7. E 25 OD S/S tube for M20 bolt  
8. F 32 OD S/S tube for M24 bolt  
9. T 38 OD S/S tube  
10. K 5mm galv. cross wires (access barrier)  
11. X M16 ferrule long (90mm thread)

**QTY**

1  
3  
23  
20  
1  
3  
3  
6  
2  
2  
6
NOTES

1. Orientation is measured clockwise when looking down on pole tip.
2. Bracketed fittings require +/- 2 mm tolerance between them and +/- 2 mm orientation tolerance.
3. Longitudinal capacities to be not less than transverse capacities.
4. Stainless steel tubes are to be accurately positioned and free from concrete and deformity.
5. A nominal Ø10 vent hole is required at the centre of the through tube provided for square rigging.
6. Temporary stays may be required during construction and/or maintenance works.
**NOTES**

1. Orientation is measured clockwise when looking down on pole tip.
2. Bridging fittings require ±0.2 mm tolerance between them and ±0.2 mm orientation tolerance.
3. Longitudinal capacities to be not less than transverse capacities.
4. Stainless steel tubes are to be accurately positioned and free from concrete and deformity.
5. A nominal Ø10 vent hole is required at the centre of the through tube provided for square bracing.
6. Temporary stays may be required during construction and/or maintenance works.

**NAME PLATE INFORMATION**

<table>
<thead>
<tr>
<th>STOCK CODE</th>
<th>2441665</th>
</tr>
</thead>
</table>

**DRAWING NUMBER:**

Refer dwg 5-7-3-2 for Foundations

Refer dwg 5-4-16-10 for Pole Construction

**SUPERSEDES:**

R MARGANI

Checked: P DE SOUSA ROQUE

Approved: 2006-07-13

**DATE:**

**DRAWING NUMBER:**

SINGLE CIRCUIT RURAL VERTICAL STRAIN

OVERHEAD SUB-TRANSMISSION

66kV CONCRETE POLE MANUFACTURING DETAILS

30m x 60m and 35% - 45% ANGLE POLE

**MANUFACTURER'S NAME/TRADE MARK:**

USERNAME DRAWING NO. MATERIAL REFERENCE

**DESCRIPTION**

- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Tip ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Tip ring and Pole cap
- Tip ring and Pole cap
- Tip ring and Pole cap
- Tip ring and Pole cap
- Tip ring and Pole cap
- Tip ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
- Tip ring and Pole cap
- Ti ring and Pole cap
- Tip ring and Pole cap
### Orientation

<table>
<thead>
<tr>
<th>Distance (m)</th>
<th>Orientation</th>
<th>Fitting Description</th>
<th>Tube Dia (mm)</th>
<th>Fitting Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.10</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>0.30</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>0.50</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>0.70</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>0.90</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>1.10</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>1.30</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>1.50</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>1.70</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>1.90</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>2.10</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>2.30</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>2.50</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>2.70</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>2.90</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>3.10</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>3.30</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>3.50</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>3.70</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>3.90</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>4.10</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>4.30</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>4.50</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>4.70</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>4.90</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>5.10</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>5.30</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>5.50</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>5.70</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>5.90</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>6.10</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>6.30</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>6.50</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
<tr>
<td>6.70</td>
<td>X D H</td>
<td>M12 earth ferrule (10mm thread)</td>
<td>300</td>
<td>Earth</td>
</tr>
</tbody>
</table>

### Notes

1. Orientation is measured clockwise when looking down on pole tip.
2. Bracketed fittings require +/- 2 mm tolerance between them and +/- 2mm orientation tolerance.
3. Longitudinal capacities to be not less than transverse capacities.
4. Stainless steel tubes are to be accurately positioned and free from concrete and deformity.
5. A nominal Ø10 vent hole is required at the centre of the through tube provided for square rigging.
6. No subsidiary to be incorporated on 18m poles.
7. Temporary stays may be required during construction and/or maintenance works.

---

**Refer dwg 5-7-3-2 for Foundations**  
**Refer dwg 5-4-16-10 for Pole Construction**

---

**NOTES**

1. Orientation is measured clockwise when looking down on pole tip.
2. Bracketed fittings require +/- 2 mm tolerance between them and +/- 2mm orientation tolerance.
3. Longitudinal capacities to be not less than transverse capacities.
4. Stainless steel tubes are to be accurately positioned and free from concrete and deformity.
5. A nominal Ø10 vent hole is required at the centre of the through tube provided for square rigging.
6. No subsidiary to be incorporated on 18m poles.
7. Temporary stays may be required during construction and/or maintenance works.

---

**SET FITTING DESCRIPTION QTY**

### SUPERSEDES:

ABN 50 087 646 062

---

**OVERHEAD SUB-TRANSMISSION**

| 1 | A | Tip ring and pole cap | 1 |
| 2 | J | Depth indication mark | 3 |
| 3 | H | M16 female (25mm thread length) | 23 |
| 4 | G | M12 earth ferrule (30mm thread length) | 20 |
| 5 | I | Name plate | 1 |
| 6 | D | 22 OD S/S tube for M16 bolt | 3 |
| 7 | E | 25 OD S/S tube for M20 bolt | 6 |
| 8 | F | 32 OD S/S tube for M24 bolt | 8 |
| 9 | T | 36 OD S/S tube | 2 |
| 10 | K | 5mm galv. cross wires (access barrier) | 2 |
| 11 | X | M16 female long (90mm thread) | 6 |

---

**ERCON ENERGY**

Manufacturers NAME/TRADE MARK
MON + II YEAR OF MANUFACTURE
LENGTH OF POL (m) / LIMIT STATE DESIGN LOAD
5% TOLERANCE TYPE:
BATCH NO.:
STOCK CODE:

---

**STOCK CODE:**

ABN 50 087 646 062

---

**MANUFACTURER'S NAME/TRADE MARK**

ERCON ENERGY

---

**STANDARD / MARINE GRADE**

ERCON ENERGY

---

**DRAWING NUMBER:**

5-20-10-6  
520  
10-6  
0E

---

**ERCON ENERGY CORPORATION LTD**

---

**MANUFACTURING DETAILS**

---

**SINGLE CIRCUIT RURAL VERTICAL STRAIN**

---

**OVERHEAD SUB-TRANSMISSION**

| 1 | A | Tip ring and pole cap | 1 |
| 2 | J | Depth indication mark | 3 |
| 3 | H | M16 female (25mm thread length) | 23 |
| 4 | G | M12 earth ferrule (30mm thread length) | 20 |
| 5 | I | Name plate | 1 |
| 6 | D | 22 OD S/S tube for M16 bolt | 3 |
| 7 | E | 25 OD S/S tube for M20 bolt | 6 |
| 8 | F | 32 OD S/S tube for M24 bolt | 8 |
| 9 | T | 36 OD S/S tube | 2 |
| 10 | K | 5mm galv. cross wires (access barrier) | 2 |
| 11 | X | M16 female long (90mm thread) | 6 |
NOTES

1. Orientation is measured clockwise when looking down on pole tip.

2. Bracketed fittings require +/- 2 mm tolerance between them and +/- 2mm orientation tolerance.

3. Longitudinal capacities to be not less than transverse capacities.

4. Stainless steel tubes are to be accurately positioned and free from concrete and deformity.

5. A nominal Ø10 vent hole is required at the centre of the through tube provided for square rigging.

6. Temporary stays may be required during construction and/or maintenance works.

---

**HARD COPY UNCONTROLLED**

---

**OVERHEAD SUB-TRANSMISSION**
69kV CONCRETE POLE MANUFACTURING DETAILS
SINGLE CIRCUIT RURAL VERTICAL STRAIN
24m X 80N AND 35kD - 45° ANGLE POLE

---

**ERGON ENERGY**

---

**NAME PLATE INFORMATION**

MANUFACTURER'S NAME/TRADE MARK
MONTH AND YEAR OF MANUFACTURE
MATERIAL MARKER RATING/STOCK CODE

---

**DESCRIPTION**

- **Tip ring and pole cap**
- **Stabilizer ring bottom bolt**
- **Earth**
- **Access barrier**
- **Name plate**

---

**DRAWING NUMBER:**
5-20-10-8

---

**REFERENCES:**
Refer dwg 5-7-3-2 for Foundations
Refer dwg 5-4-16-10 for Pole Construction
NOTES

1. Orientation is measured clockwise when looking down on pole tip.

2. Brackeeted fittings require +/-2 mm tolerance between them and +/-2mm orientation tolerance.

3. Longitudinal capacities to be not less than transverse capacities.

4. Stainless steel tubes are to be accurately positioned and free from concrete and deform.

5. A nominal 510mm vent hole is required at the centre of the through tube provided for square rigging.

6. Temporary stays may be required during construction and/or maintenance works.

HARD COPY
UNCONTROLLED

OVERHEAD SUB-TRANSMISSION
66kV CONCRETE POLE MANUFACTURING DETAILS
SINGLE CIRCUIT RURAL VERTICAL STRAIN
27m X 80cm ANGLE 0 - 100°

Refer dwg 5-7-3-2 for Foundations
Refer dwg 5-4-16-10 for Pole Construction
### Notes

1. Orientation is measured clockwise when looking down on pole tip.

2. Braced fittings require +/− 2 mm tolerance between them and +/− 2 mm orientation tolerance.

3. Longitudinal capacities to not less than transverse capacities.

4. Stainless steel tubes are to be accurately positioned and free from concrete and deformity.

5. A nominal Ø 10 vent hole is required at the center of the through tube provided for square rigging.

6. Temporary stays may be required during construction and/or maintenance works.

### Drawing Details

**Distance from**

<table>
<thead>
<tr>
<th>Orientation</th>
<th>Fits to</th>
<th>Description</th>
<th>Tube Length</th>
<th>Fitting Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>D 100</td>
<td>M16 Female (25mm thread)</td>
<td>Flat Female Bottom Bolt</td>
<td>Flat Female Bottom Bolt</td>
</tr>
<tr>
<td>200</td>
<td>D 200</td>
<td>M16 Female (25mm thread)</td>
<td>Flat Female Bottom Bolt</td>
<td>Flat Female Bottom Bolt</td>
</tr>
<tr>
<td>300</td>
<td>G 300</td>
<td>M16 Female (25mm thread)</td>
<td>Flat Female Bottom Bolt</td>
<td>Flat Female Bottom Bolt</td>
</tr>
<tr>
<td>400</td>
<td>H 400</td>
<td>M16 Female (25mm thread)</td>
<td>Flat Female Bottom Bolt</td>
<td>Flat Female Bottom Bolt</td>
</tr>
</tbody>
</table>

**Length (m):** 30

**Planting Depth (m):**

- 3.0 (Fully Stayed)
- 5.4 (Normal Soil)
- 4.9 (Black Soil)

**Structure Type:**

- C6RSV33#2G/D1
- C6RSV32#2G/D3

**Stock Code:** 2441873

**Material:**

- M16 ferrule (25mm thread)
- M16 Ferrule Long (90mm thread)
- M12 earth ferrule (30mm thread)
- 22 OD S/S tube
- 25 OD S/S tube
- 32 OD S/S tube
- 509

**Page Reference:**

- Drawn 5-7-3-2 for Foundations
- Drawn 5-4-16-10 for Pole Construction

---

**Manufacturers Name Trade Mark**

- North and Year of Manufacturing
- Type of Pole Length of Pole
- Pole Type
- Pole Grade
- Stock Code

**Reference:**

- 5-20-10-10

---

**Design Details:**

- Tip ring and pole cap
- Depth indication marker
- Additional earthing (fully stayed poles)
- Name plate
- MDG ferrule (30mm thread length)
- 509
- 22 OD S/S tube
- 25 OD S/S tube
- 38 OD S/S tube
- 110°
- Depth indication marker (fully stayed pole)
- 22 OD S/S tube
- Flat female bottom bolt
- Name plate
- Vertical Strain 35°- 45° Pole
- Single Circuit Rural Vertical Strain
- 69kV Concrete Pole Manufacturing Details
- 10050

---

**Hard Copy Uncontrolled**

---

**Egen Energy Generation Ltd**

---

**OVERHEAD SUB-TRANSMISSION 69kV CONCRETE POLE MANUFACTURING DETAILS**

- Single Circuit Rural Vertical Strain
- 30m x 80kN and 35% - 45% angle pole

---

**Drawing Number:** 5-20-10-10