<table>
<thead>
<tr>
<th>DISTANCE FROM TP (mm)</th>
<th>ORIENTATION</th>
<th>FITTING DESCRIPTION</th>
<th>TUBE LENGTH</th>
<th>FITTING PURPOSE</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>A</td>
<td>Top crossarm tension brace (M16)</td>
<td>325 OD S/S tube</td>
<td>325 OD S/S tube</td>
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<tr>
<td>0</td>
<td>B</td>
<td>Top crossarm compression brace (M20)</td>
<td>325 OD S/S tube</td>
<td>325 OD S/S tube</td>
</tr>
<tr>
<td>0.25</td>
<td>C</td>
<td>Bottom crossarm tension brace (M16)</td>
<td>325 OD S/S tube</td>
<td>325 OD S/S tube</td>
</tr>
<tr>
<td>0.50</td>
<td>D</td>
<td>Bottom crossarm compression brace (M20)</td>
<td>325 OD S/S tube</td>
<td>325 OD S/S tube</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 +/- 2 mm orientation tolerance.
3. Longitudinal capacities to be no 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 included on 18m poles.

Refer dwg 5-7-3-1 for Foundations
Refer dwg 5-4-9-2 or 5-4-14-4 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.
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Refer dwg 5-7-3-1 for Foundations
Refer dwg 5-4-9-2 or 5-4-14-4 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. Pole manufacturer to nominate joint locations on poles above 24m

<table>
<thead>
<tr>
<th>SET</th>
<th>FITTING PURPOSE</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
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<tr>
<td>1</td>
<td>Tip ring and pole cap</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Depth indication mark</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>H 16 female (25mm thread length)</td>
<td>41</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>G M12 earth ferrule (30mm thread length)</td>
<td>16</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>I Name plate</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Joint</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>D 22 OD S/S tube for M16 bolt</td>
<td>5</td>
<td></td>
</tr>
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<td>8</td>
<td>E 25 OD S/S tube for M20 bolt</td>
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<td>9</td>
<td>T 38 OD S/S tube</td>
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<tr>
<td>10</td>
<td>K 5mm galv. cross wires (access barrier)</td>
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### Table: Fitting Description and Purpose

<table>
<thead>
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<th>Purpose</th>
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</thead>
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<tr>
<td>A</td>
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<td>B</td>
<td>Depth indication mark</td>
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</tr>
<tr>
<td>C</td>
<td>M16 earth ferrule (25mm thread length)</td>
<td>-</td>
</tr>
<tr>
<td>D</td>
<td>Name plate</td>
<td>-</td>
</tr>
<tr>
<td>E</td>
<td>Joint</td>
<td>-</td>
</tr>
<tr>
<td>F</td>
<td>22 OD S/S tube for M16 bolt</td>
<td>-</td>
</tr>
<tr>
<td>G</td>
<td>25 OD S/S tube for M20 bolt</td>
<td>-</td>
</tr>
<tr>
<td>H</td>
<td>5mm galv. cross wires</td>
<td>Access barrier</td>
</tr>
</tbody>
</table>

### Notes:

1. Orientation is measured clockwise when looking down on pole tip.
2. Stated tolerances refer to +/- 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 B10 ventil hole is required at the centre of the through tube provided for square rigging.
6. Pole manufacturer to nominate joints locations on poles above 24m.

Refer dwg 5-7-3-1 for Foundations
Refer dwg 5-4-9-2 or 5-4-14-4 for pole construction

---

**STOCK CODE:** 2439438

**NAME PLATE INFORMATION**

**DESCRIPTION**

<table>
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<th>FITTING</th>
<th>TUBE LENGTH</th>
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<tbody>
<tr>
<td>A</td>
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<td>Tip ring and pole cap</td>
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<tr>
<td>B</td>
<td>765</td>
<td>Depth indication mark</td>
</tr>
<tr>
<td>C</td>
<td>25mm thread</td>
<td>G10 25mm thread</td>
</tr>
<tr>
<td>D</td>
<td>25mm thread</td>
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<td>G10 25mm thread</td>
</tr>
<tr>
<td>Z</td>
<td>25mm thread</td>
<td>G10 25mm thread</td>
</tr>
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**OVERHEAD SUB-TRANSMISSION**

66kV CONCRETE POLE MANUFACTURING DETAILS

30m x 30m - 2 EXTENDED & 3 EXTENDED CROSSARMS

Ergon Energy Corporation Ltd
ABN 35 013 982 309

DRAWING NUMBER: 5-20-35

---

**STOCK CODE:** 2439438

**NAME PLATE INFORMATION**

**DESCRIPTION**

<table>
<thead>
<tr>
<th>FITTING</th>
<th>TUBE LENGTH</th>
<th>FITTING PURPOSE</th>
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<tbody>
<tr>
<td>A</td>
<td>311</td>
<td>Tip ring and pole cap</td>
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<tr>
<td>B</td>
<td>765</td>
<td>Depth indication mark</td>
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<td>C</td>
<td>25mm thread</td>
<td>G10 25mm thread</td>
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<td>Z</td>
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**Hard Copy Uncontrolled**

**OVERHEAD SUB-TRANSMISSION**

66kV CONCRETE POLE MANUFACTURING DETAILS

30m x 30m - 2 EXTENDED & 3 EXTENDED CROSSARMS

Ergon Energy Corporation Ltd
ABN 35 013 982 309

DRAWING NUMBER: 5-20-35

---
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. Top crossarm tension brace (M16) - M12 earth ferrule (30mm thread) - M16 ferrule (25mm thread)

Refer dwg 5-4-3-1 for Foundations
Refer dwg 5-4-10-2 or 5-4-14-4 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 +/- 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.

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### FAMILY

Delta Suspension - 2 Ext. Crossarms

C6RSDI124D0/224D0, C6RSDI134D0/234D0

SINGLE CIRCUIT RURAL DELTA SUSPENSION

66kV CONCRETE POLE MANUFACTURING DETAILS

OVERHEAD SUB-TRANSMISSION

ABN 50 087 646 062

ERGON ENERGY

STANDARD / MARINE GRADE

POLE MANUFACTURE

MONTH AND YEAR OF MANUFACTURE

Fitting Description Table:

<table>
<thead>
<tr>
<th>DISTANCE</th>
<th>ORIENTATION</th>
<th>FITTING</th>
<th>TUBE LENGTH</th>
<th>FITTING PURPOSE</th>
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<tr>
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<td>0-100</td>
<td>0-100</td>
<td>0-100</td>
<td>0-100</td>
</tr>
</tbody>
</table>

- **ORIENTATION**
  - T: Tip ring and pole cap
  - D: 22 OD S/S tube for M16 bolt
  - E: 25 OD S/S tube for M20 bolt
  - M: 25 OD S/S tube for M20 bolt

- **FITTING DESCRIPTION**
  - J: Depth indication mark
  - H: M16 ferrule (25mm thread length)
  - A: M12 earth ferrule (30mm thread length)
  - G: 22 OD S/S tube for M16 bolt

- **QTY**
  - 1: Tip ring and pole cap
  - 2: Depth indication mark
  - 16: M12 earth ferrule (30mm thread length)

### Diagrams

For maintenance purpose:
- **FITTING**
  - D: 22 OD S/S tube for M16 bolt
  - E: 25 OD S/S tube for M20 bolt

- **QTY**
  - 1: Tip ring and pole cap
  - 5: 22 OD S/S tube for M16 bolt
  - 9: 25 OD S/S tube for M20 bolt

- **Diagram**: Delta Suspension - 2 Ext. Crossarms

---

Refer dwg 5-7-3-1 for Foundations
Refer dwg 5-4-10-2 or 5-4-14-4 for pole construction
NOTES
1. Orientation is measured counterclockwise 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.

Refer dwg 5-7-3-1 for Foundations
Refer dwg 5-4-10-2 or 5-4-14-4 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 +/- 2 mm orientation tolerance
3. Longitudinal capacities to be not less than transverse capacities.
4. Stainless steel tubing 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. Pole manufacturer to nominate joint locations on poles above 24m.

Refer dwg 5-3-1 for Foundations
Refer dwg 5-4-10-2 or 5-4-14-4 for pole construction
Refer dwg 5-7-3-1 for Foundations
Refer dwg 5-4-10-2 or 5-4-14-4 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. Pole manufacturer to nominate joint locations on poles above 24m.
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. No subsidiary to be included on 18m poles.

Refer dwg 5-4-11-2 or 5-4-14-4 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 +/- 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.

Refer dwg 5-7-3-1 for Foundations
Refer dwg 5-4-11-2 or 5-4-14-4 for pole construction.

Ergon Energy Corporation Ltd
ABN 50 087 646 062

MANUFACTURER'S NAME/TRADE MARK
MONTH AND YEAR OF MANUFACTURE
LENGTH OF POLE (m) / LIMIT STATE DESIGN LOAD
STOCK CODE
BATCH NO.
STANDARD / MARINE GRADE
ERGON ENERGY
STOCK CODE

MANUFACTURER'S NAME/TRADE MARK
MONTH AND YEAR OF MANUFACTURE
LENGTH OF POLE (m) / LIMIT STATE DESIGN LOAD
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BATCH NO.
STANDARD / MARINE GRADE
ERGON ENERGY
STOCK CODE

Refer dwg 5-7-3-1 for Foundations
Refer dwg 5-4-11-2 or 5-4-14-4 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.

---

### Table: Fitting Description

<table>
<thead>
<tr>
<th>Fitting Purpose</th>
<th>Length (mm)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tip ring and pole cap</td>
<td>358</td>
<td>38 OD S/S tube</td>
</tr>
<tr>
<td>Depth indication mark</td>
<td>313</td>
<td>38 OD S/S tube</td>
</tr>
<tr>
<td>M16 female (25mm thread)</td>
<td>318</td>
<td>22 OD S/S tube</td>
</tr>
<tr>
<td>M12 earth female (35mm thread)</td>
<td>413</td>
<td>22 OD S/S tube</td>
</tr>
<tr>
<td>Name plate</td>
<td>165</td>
<td>M16 ferrule (25mm thread)</td>
</tr>
<tr>
<td>22 OD S/S tube for M16 bolt</td>
<td>165</td>
<td>22 OD S/S tube</td>
</tr>
<tr>
<td>25 OD S/S tube for M20 bolt</td>
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<tr>
<td>38 OD S/S tube</td>
<td>165</td>
<td>22 OD S/S tube</td>
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</tbody>
</table>

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**Ergon Energy Corporation Ltd**

**DATE:** 14/03/2016

**DRAWING NUMBER:** 66kV CONCRETE POLE MANUFACTURING DETAILS

**SUPERSEDES:**

**DRAWN:** R MARGANI

**CHECKED:** P DE SOUSA ROQUE

**OVERHEAD SUB-TRANSMISSION**

**66kV CONCRETE POLE MANUFACTURING DETAILS**

**SINGLE CIRCUIT RURAL DIS TA SUSPENSION**

**24m x 50kN - 2 EXTENDED & 2 EXTENDED CROSSARMS**

---

**References:**

Refer dwg 5-7-3-1 for Foundations

Refer dwg 5-4-11-2 or 5-4-14-4 for pole construction

---

**STOCK CODE:** CSrud125E0/225E0, CSrud135E0/235E0

---

**STOCK CODE:** 2421352
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. Additional earthing (for poles in normal soil) is required.
6. Pole manufacturer to nominate joint locations on poles above 24m.
### 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 are to be less than transverse capacities.
4. Stainless steel tubes are to be accurately positioned and free from concrete and deformity.
5. A nominal B101 vent hole is required at the centre of the through tube provided for square rigging.
6. Pole manufacturer to nominate joint locations on poles above 24m.

### TABLE

<table>
<thead>
<tr>
<th>Fitting</th>
<th>Description</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Tip ring and pole cap</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>Depth indication mark</td>
<td>2</td>
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<tr>
<td>3</td>
<td>16m16 ferrule (25mm thread)</td>
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</tr>
<tr>
<td>4</td>
<td>M12 earth ferrule (30mm thread)</td>
<td>16</td>
</tr>
<tr>
<td>5</td>
<td>Name plate</td>
<td>2</td>
</tr>
<tr>
<td>6</td>
<td>Joint</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>22 OD S/S tube for M16 bolt</td>
<td>5</td>
</tr>
<tr>
<td>8</td>
<td>25 OD S/S tube for M20 bolt</td>
<td>9</td>
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<td>9</td>
<td>38 OD S/S tube</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>5mm galv. cross wires (access barrier)</td>
<td>2</td>
</tr>
</tbody>
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### DRAWING NUMBER

5-20-3-15

### MANUFACTURER'S NAME/TRADE MARK

EGON ENERG

### DRAWING SCALE

1:75 MM X 1 MM

### MANUFACTURING DETAILS

SINGLE CIRCUIT RURAL DELTA SUSPENSION

### STOCK CODE

C6RSD1125G0/225G0, C6RSD1135G0/235G0

### STRUCTURE TYPE

C6RSD1125G0/225G0

### NAME PLATE INFORMATION

MANUFACTURER'S NAME/TRADE MARK

EGON ENERG

MONTH AND YEAR OF MANUFACTURE

ABN 50 087 646 062

EGON ENERG

 Fill details as necessary 

### 5-7-3-1 for Foundations

Refer dwg 5-4-11-2 or 5-4-14-4 for pole construction
DISTANCE FROM TOP (mm)  

ORIENTATION  

FITTING DESCRIPTION  

TUBE LENGTH  

FITTING PURPOSE  

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.

NOTES:

Refer dwg 5-7-3-1 for Foundations
Refer dwg 5-4-12-2 for pole with crossarms construction

No. and location of stays may vary with conductor size, deviation angle, wind span etc.
**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.
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. Bracketed fittings require +/- 2 mm tolerance between them and +/- 2 mm orientation tolerance.
7. Pole manufacturer to nominate joint locations on poles above 24m

Refer dwg 5-7-3-1 for Foundations
Refer dwg 5-4-12-2 for pole with crossarms construction
LENGTH (m) 18
LIMIT STATE DESIGN LOAD (kN) 50
TP DIA. (mm) 315
BUTT DIA. (mm) 585
PLANTING DEPTH (m) 3.6 (NORMAL SOIL)
STRUCTURE TYPE: CR6RSVF335C0/CD, CR6RSVF435C0/CD
STOCK CODE: 241434

DISTANCE FROM TIP (mm)
FITTING DESCRIPTION
ORIENTATION TUBE LENGTH FITTING PURPOSE

1. No subsidiary to be incorporated on 18m poles
2. Temporary stays may be required during construction
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. Bracketed fittings require +/- 2 mm tolerance between them and +/- 2mm orientation tolerance.
7. No subsidiary to be incorporated on 18m poles.

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.
7. No subsidiary to be incorporated on 18m poles.

Refer dwg 5-7-3-1 for Foundations
Refer dwg 5-4-13-2 for pole with crossarms construction

Ergon Energy - Standardised Pole

No. and location of stays may vary with conductor size, deviation angle, wind span etc.
Refer dwg 5-7-3-1 for Foundations
Refer dwg 5-4-13-2 for pole with crossarms construction
**DISTANCE FROM TIP (mm)** | **ORIENTATION** | **FITTING DESCRIPTION** | **TUBE LENGTH** | **FITTING PURPOSE**
---|---|---|---|---
0 | A | M16 earth ferrule (25mm thread) | 30 | Earth
190 | D | 10650 | 10490 | 10100 | 10060 | M12 earth ferrule (30mm thread) | 30 | Earth
190 | E | 13650 | 13500 | 13080 | 12930 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | F | 19300 | 19080 | 18640 | 18300 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | G | 24000 | 23700 | 23460 | 23130 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | H | 29750 | 29500 | 29250 | 28900 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | I | 33900 | 33660 | 33420 | 33180 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | J | 37700 | 37460 | 37220 | 36980 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | K | 41500 | 41260 | 41020 | 40780 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | L | 45300 | 45060 | 44820 | 44580 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | M | 49100 | 48860 | 48620 | 48380 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | N | 52900 | 52660 | 52420 | 52180 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | O | 56700 | 56460 | 56220 | 55980 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | P | 60500 | 60260 | 60020 | 59780 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | Q | 64300 | 64060 | 63820 | 63580 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | R | 68100 | 67860 | 67620 | 67380 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | S | 71900 | 71660 | 71420 | 71180 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | T | 75700 | 75460 | 75220 | 74980 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | U | 79500 | 79260 | 79020 | 78780 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | V | 83300 | 83060 | 82820 | 82580 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | W | 87100 | 86860 | 86620 | 86380 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | X | 90900 | 90660 | 90420 | 90180 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | Y | 94700 | 94460 | 94220 | 93980 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | Z | 98500 | 98260 | 98020 | 97780 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AA | 102300 | 102060 | 101820 | 101580 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AB | 106100 | 105860 | 105620 | 105380 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AC | 109900 | 109660 | 109420 | 109180 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AD | 113700 | 113460 | 113220 | 112980 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AE | 117500 | 117260 | 117020 | 116780 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AF | 121300 | 121060 | 120820 | 120580 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AG | 125100 | 124860 | 124620 | 124380 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AH | 128900 | 128660 | 128420 | 128180 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AI | 132700 | 132460 | 132220 | 131980 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AJ | 136500 | 136260 | 136020 | 135780 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AK | 140300 | 139960 | 139720 | 139480 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AL | 144100 | 143760 | 143520 | 143280 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AM | 147900 | 147560 | 147320 | 147080 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AN | 151700 | 151360 | 151120 | 149880 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AO | 155500 | 155160 | 154920 | 154680 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AP | 159300 | 158960 | 158720 | 158480 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AQ | 163100 | 162760 | 162520 | 162280 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AR | 166900 | 166560 | 166320 | 166080 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AS | 170700 | 170360 | 170120 | 169880 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AT | 174500 | 174160 | 173920 | 173680 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AU | 178300 | 177960 | 177720 | 177480 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AV | 182100 | 181760 | 181520 | 181280 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AW | 185900 | 185560 | 185320 | 185080 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AX | 189700 | 189360 | 189120 | 188880 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AY | 193500 | 193160 | 192920 | 192680 | M16 earth ferrule (30mm thread) | 30 | Earth
190 | AZ | 197300 | 196960 | 196720 | 196480 | M16 earth ferrule (30mm thread) | 30 | Earth

**NOTES**

1. Orientation is measured clockwise when looking down on pole tip.
2. Bracketed fittings require +/- 3mm 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 Ø20 vent hole is required at the centre of the through tube provided for square rigging.
6. Temporary stays may be required during construction.

Refer dwg 5-7-3-1 for Foundations
Refer dwg 5-4-13-2 for pole with crossarms 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 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. Depth indication markers (black soil) may vary with conductor No. and location of stays.
7. Tip ring and pole cap.
8. Concentration of 100kN compression on pole at these through tube.
9. Temporary stays may be required during construction.
10. Pole manufacturer to nominate joint locations on poles above 24m.

Refer dwg 5.7-3-1 for Foundations
Refer dwg 5.4-13-2 for pole with crossarms construction