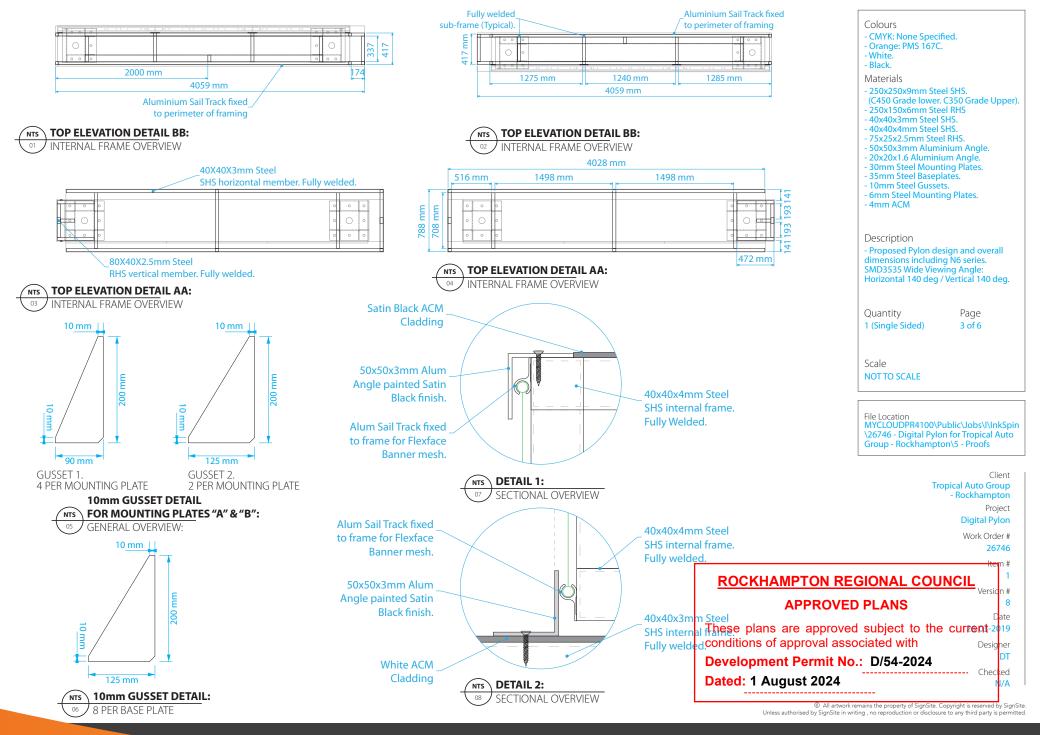
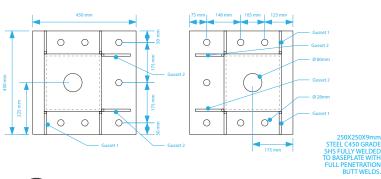


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Colours





0 0 0-0 0 0 0 0 0 0 0-BUTT WELDS

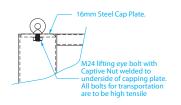
30mm MOUNTING PLATES "A" & "B":

NOTE: MOUNTING PLATES "A" TO HAVE CAPTIVE NUTS TOP SIDE. (M24 8.8 BOLTS).

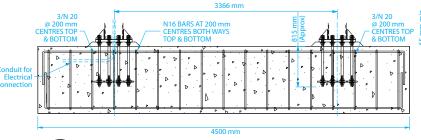
35mm BASEPLATES: GENERAL OVERVIEW



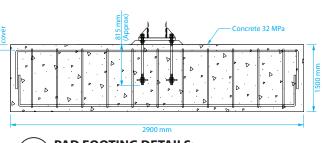












**PAD FOOTING DETAILS:** GENERAL OVERVIEW SIDE ELEVATION

### GENERAL

G1 These drawings shall be read in conjunction with all architectural

and other Consultant's drawings and specifications and with such other written instructions as may be issued during the course of the contract. All discrepancies shall be referred to the Project Manager for decision before proceeding with

- G2 All dimensions relevant to setting out and off-site work shall be verified by the Contractor before construction and fabrication is commenced. The Engineers drawings shall not be scaled.
- G3 During construction the Contractor shall be responsible for maintaining the structure in a stable condition and ensuring no part shall be overstressed under construction activities.
- G4 Workmanship and materials are to be in accordance with the relevant current S.A.A. codes including all amendments, and the local statutory authorities, except where varied by the contract documents.
- G5 All dimensions are in millimetres unless stated otherwise FOUNDATIONS
- F1 All footing's shall be based on original undisturbed ground with
- a safe bearing capacity of 100kPa. F2 All foundations must be inspected and approved by the
- relevant Building authority before the concrete is poured
- F3 Bored Pier Footings
- Bored pier footing's are to be founded in an original undisturbed and normally consolidated uniform cohesive soil strata with the following properties:
- (a) A minimum average undrained shear strength over the full
- of the pier of 75 kPa
- (b) A minimum bearing capacity of 50 kPa at base of pier. (c) A minimum bearing capacity of 100 kPa to at least one half the depth of pier.

Before any concrete is placed these properties shall be verified by a qualified Engineer, Results reported and submitted to the project manager. Where the soil strata varies from the above requirements bored pier footings shall not be constructed. Bored piers shall be constructed to a positional tolerance of + - 75mm.

### REINFORCED CONCRETE

- C1 All reinforced concrete drawings shall be read in conjunction with Australian Standard AS 4100 and the reinforced concrete specification.
- C2 Unless noted otherwise concrete shall be as stated below Foundation F'c (28 days)= 32 MPa with a maximum water/cement
- ratio of 0.45 with type D cement (sulphate resisting). Rlinding concrete F'c (28 days)=15 MPa with type D cement (sulphate resisting).
- C3 Grout for baseplates shall be Embeco 880A or an approved equivalent.
- C4 Reinforcement to all structures shall comply with AS 1302,1303 and 1304, to the following grades.
- N: Hat rolled deformed bars grade-400Y
- R: Plain round bars of structural grade-250R F: Hard drawn wire fabric grade 450F
- W: hard drawn steel wire grade-450W
- C5 Minimum cover (mm) to all reinforcement unless otherwise shown shall be 60 mm.
- C6 Reinforcement is shown diagrammatically and not necessarily
- true projection. All hooks and bends shall comply with AS 3600. C7 Welding or heating of reinforcement shal not be permitted unless shown on the structural drawings. Splices in mesh reinforcement shall be a minimum overlap between outermost transverse wire of not less than the spacing of those wires
- C8 Surfaces receiving grout shall be left rough and free from laitance
- C9 All anchor bolts to be cast into concrete shall be galvanised

## Colours

- CMYK: None Specified.
- Orange: PMS 167C.
- White.
- Black.

## Materials

- 250x250x9mm Steel SHS.
- (C450 Grade lower, C350 Grade Upper)
- 250x150x6mm Steel RHS
- 40x40x3mm Steel SHS.
- 40x40x4mm Steel SHS.
- 75x25x2.5mm Steel RHS.
- 50x50x3mm Aluminium Angle. 20x20x1.6 Aluminium Angle.
- · 30mm Steel Mounting Plates.
- · 35mm Steel Baseplates.
- 10mm Steel Gussets.
- 6mm Steel Mounting Plates.
- 4mm ACM

## Description

- Proposed Pylon design and overall dimensions including N6 series. SMD3535 Wide Viewing Angle: Horizontal 140 deg / Vertical 140 deg.

Quantity

1 (Single Sided) 4 of 6

Scale

NOT TO SCALE

File Location MYCLOUDPR4100\Public\Jobs\I\InkSpin \26746 - Digital Pylon for Tropical Auto Group - Rockhampton\5 - Proofs

Client

**Tropical Auto Group** - Rockhampton

Page

Proiect

**Digital Pylon** 

Work Order # 26746

Date

STEELWORK All Struct POCK HASHIND TONCE GIONAL COUNCIL WITH AUGUST AND TONCE GIONAL COUNCIL

Unless noted otherwise

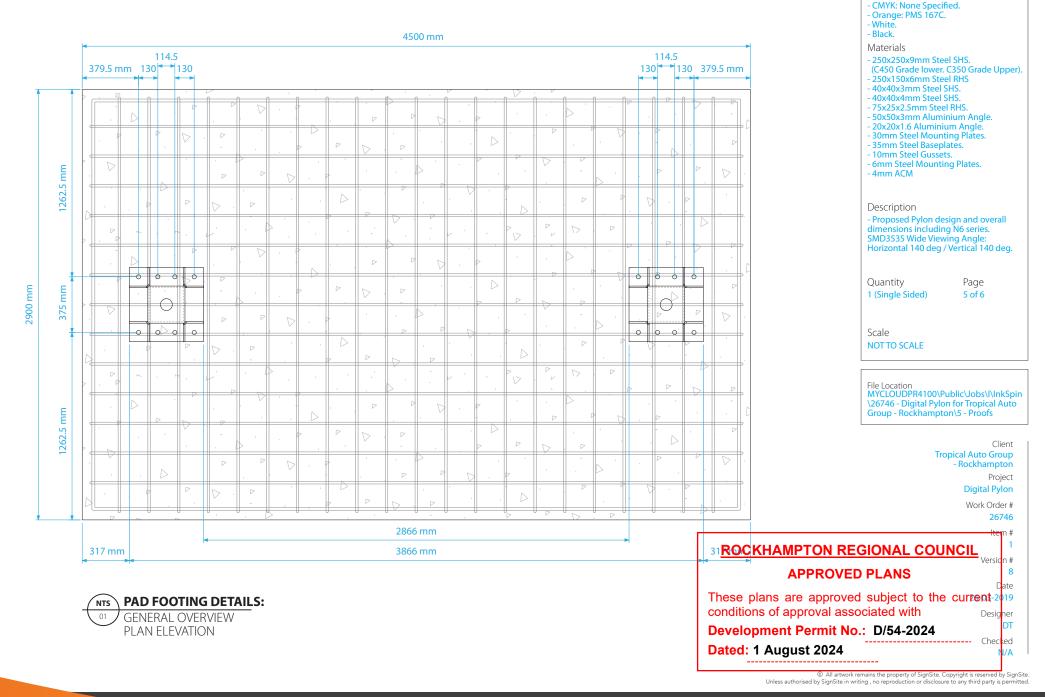
Unless noted otherwise
Welds to be 6.0mm continuous fillet ADWR BOVED PLANS

TYPE MOS CIA plans are approved subject to the current-2019 M244.6 denotes 24 diameter mild steel bolts (St.Concilions of approval associated with Designer

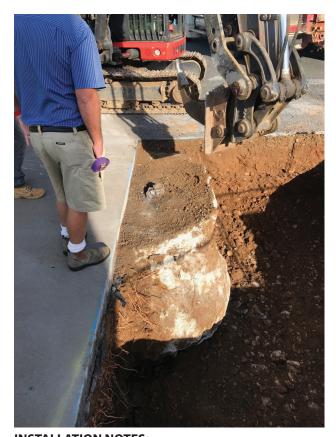
The Development Permit No.: D/54-2024 Checked Dated: 1 August 2024

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Colours



**INSTALLATION NOTES:** - 16MM DOWELS AT 300MM CENTRES. DIRECT 150MM EMBEDMENT MINIMUM.



## **INSTALLATION NOTES:**

- 16MM DOWELS AT 300MM CENTRES. DIRECT 150MM EMBEDMENT MINIMUM.

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## Description

- Proposed Pylon design and overall dimensions including N6 series. SMD3535 Wide Viewing Angle: Horizontal 140 deg / Vertical 140 deg.

Quantity 1 (Single Sided)

Page 6 of 6

Scale

NOT TO SCALE

File Location MYCLOUDPR4100\Public\Jobs\l\\InkSpin \26746 - Digital Pylon for Tropical Auto Group - Rockhampton\5 - Proofs

> Client **Tropical Auto Group** - Rockhampton Project

Digital Pylon

Work Order # 26746

Checked

# **ROCKHAMPTON REGIONAL COUNCIL**

## **APPROVED PLANS**

These plans are approved subject to the current-2019 conditions of approval associated with Designer

**Development Permit No.: D/54-2024** 

Dated: 1 August 2024

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