

Stockland

Aura Bruce Nth V Billboard

Date: 14/11/2024

Version: 2

Drawn by: AZ

PLANS AND DOCUMENTS
referred to in the PDA
DEVELOPMENT APPROVAL

Approval no: DEV2012/213/5

Date: 24 January 2025



experience the difference.

braggs.
signage

1> V Billboard – Location Map

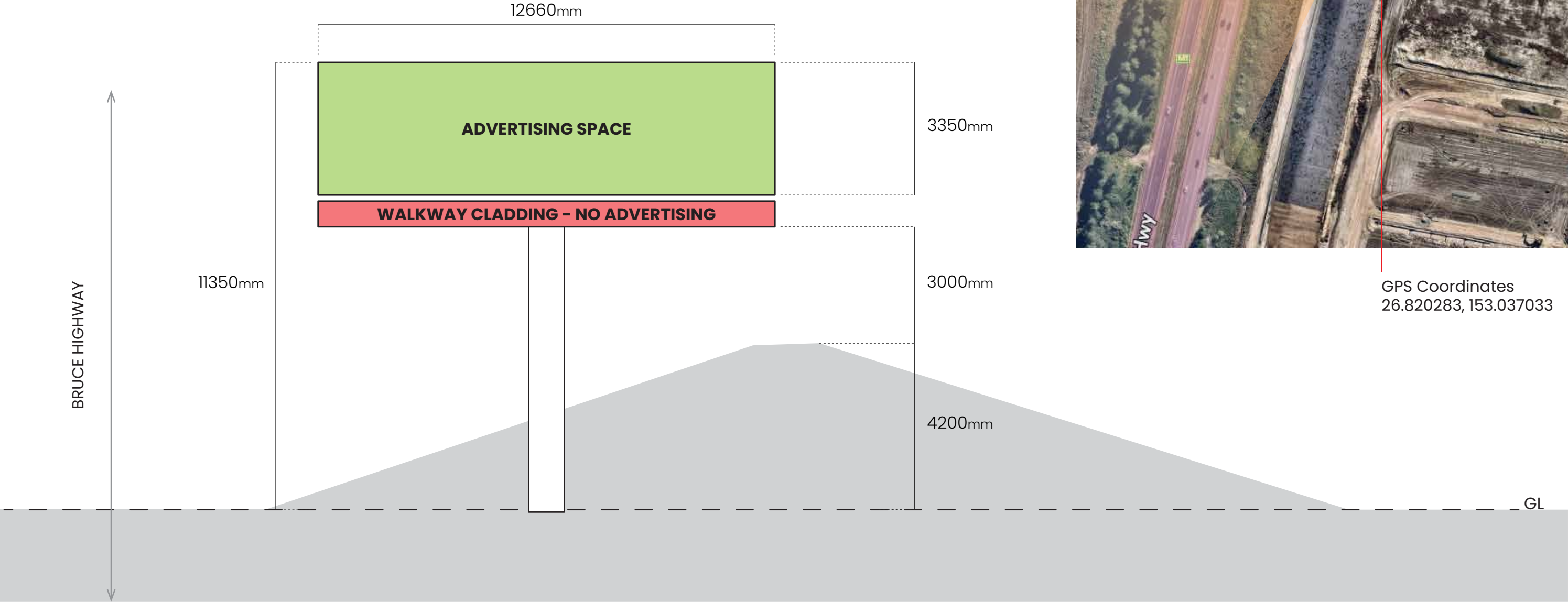
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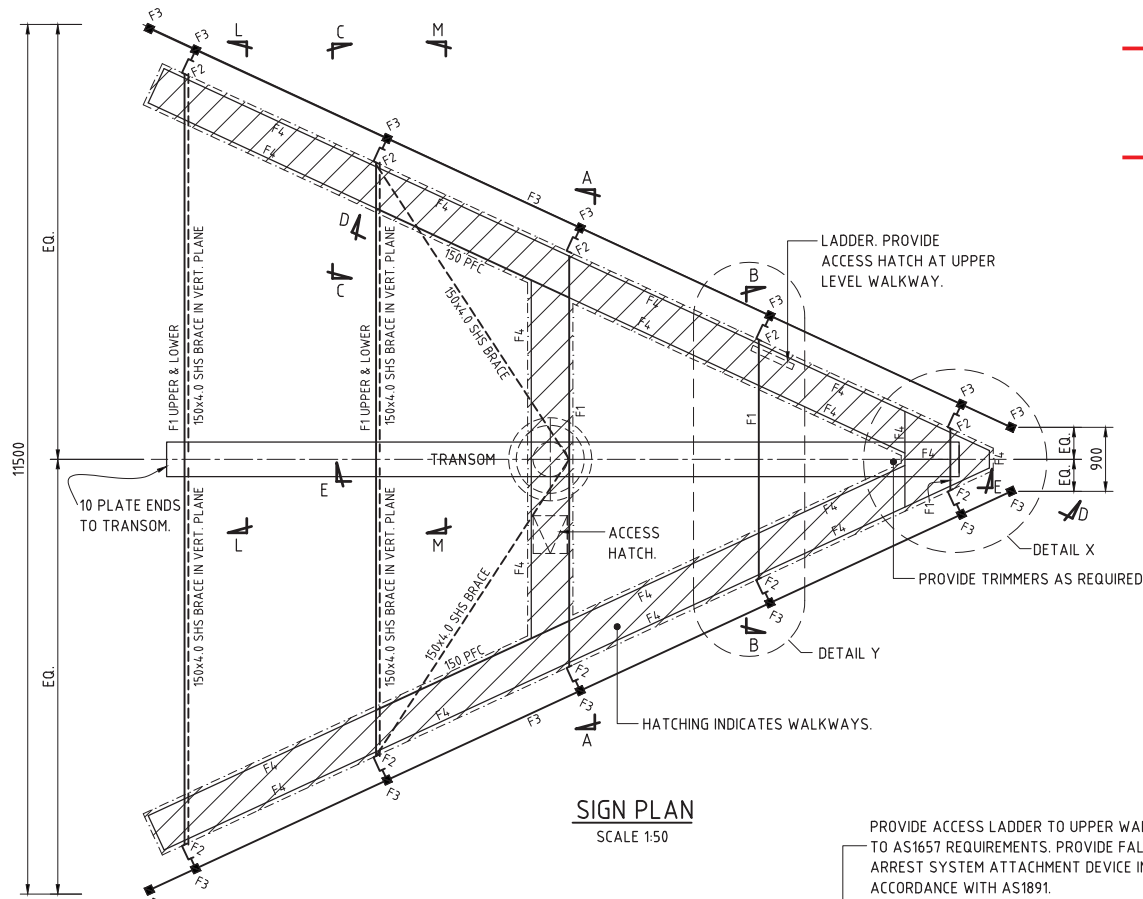


Queensland
Government



PLEASE NOTE : MEASUREMENTS AND GRADIENTS HAVE BEEN TAKEN FROM NEARMAPS. CLIENT TO CONFIRM EXACT MEASUREMENTS FROM GROUND SURVEY

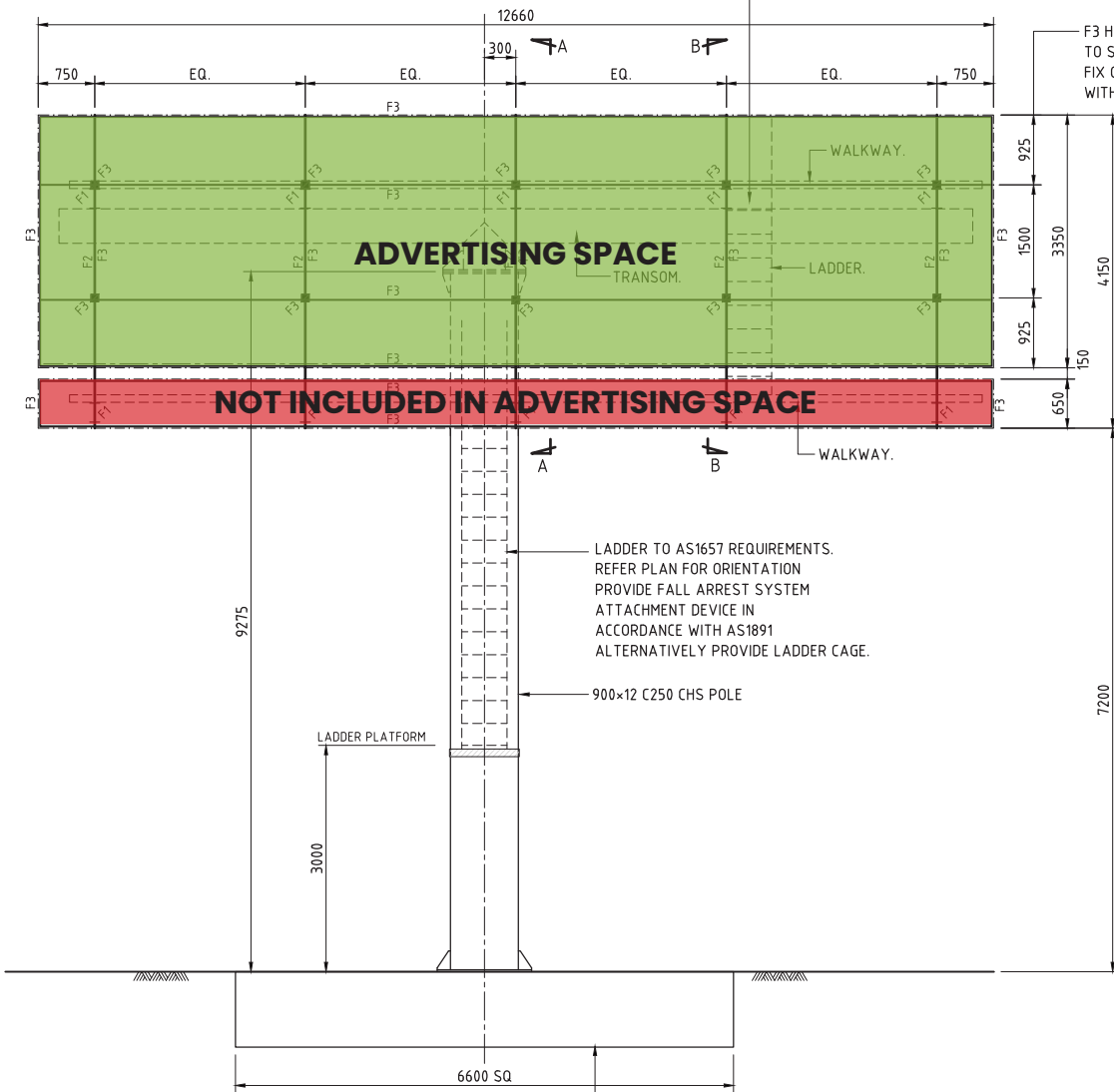
ENGINEERS DRAWINGS
AS REFERENCE



SIGN PLAN
SCALE 1:50

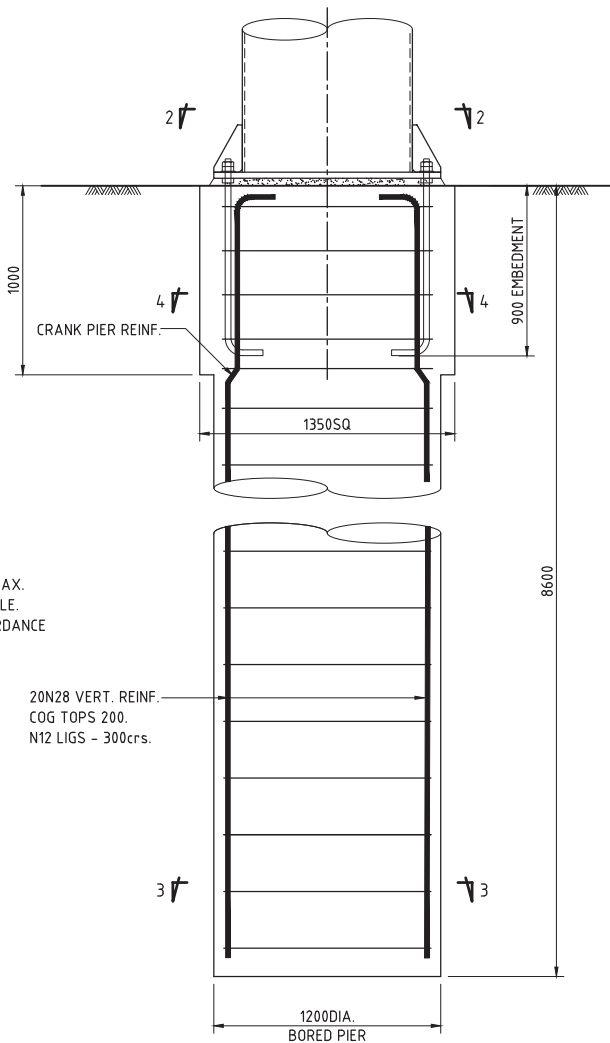
PROVIDE ACCESS LADDER TO UPPER WALKWAY TO AS1657 REQUIREMENTS. PROVIDE FALL ARREST SYSTEM ATTACHMENT DEVICE IN ACCORDANCE WITH AS1891. REFER PLAN FOR ORIENTATION

F3 HORIZ. MEMBERS AT 1500CRS. MAX. TO SUIT LYSAGHT MINI ORB PROFILE. FIX CLADDING TO FRAME IN ACCORDANCE WITH MFR'S SPECIFICATIONS.

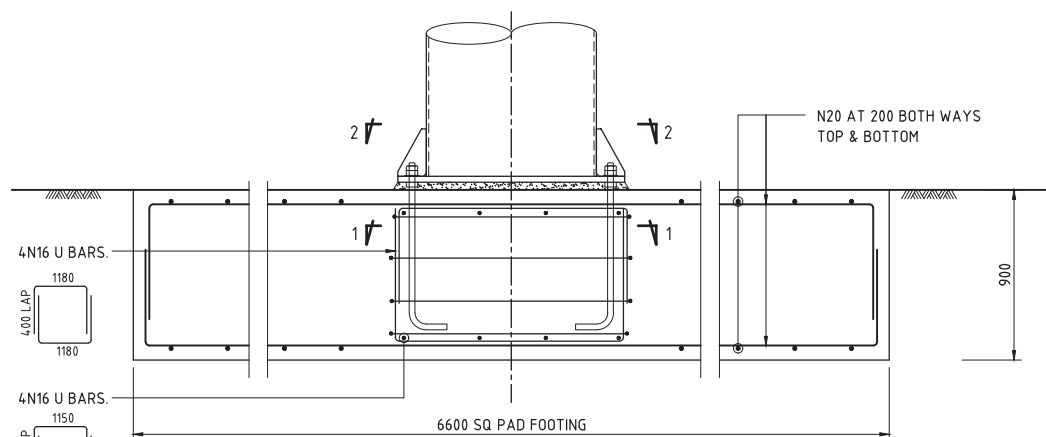


SIGN ELEVATION
SCALE 1:50

REFER TO FTG DETAILS (PAD FOOTING OPTION SHOWN)
REFER TO DETAILS FOR ALTERNATIVE PIER FOOTING DETAILS.



ALTERNATIVE PIER FOOTING DETAIL
SECTION A-A
SCALE 1:20



PAD FOOTING DETAIL
SCALE 1:20

MEMBER SCHEDULE

TRANSOM	457 x 9.5 CHS C350
F1	250UB37.3 HORIZONTAL MEMBER
F2	250 PFC VERTICAL MEMBER
F3	65 x 3.0 SHS C350 SIGN FACE MEMBERS
F4	125 x 75 x 10 UA STRINGER.

DESIGN LOADS

WIND - REGION B TC2

FOOTING DESIGN

FOOTING DESIGN TO BE CONFIRMED ON RECEIPT OF GEOTECHNICAL REPORT.

CONCRETE

- ALL CONCRETE WORK IS TO BE IN ACCORDANCE WITH THE REQUIREMENTS OF AS 3600.
- PARTICULAR ATTENTION IS TO BE PAID TO THE CURING OF EXPOSED CONCRETE.
- ALL CONCRETE IS TO BE VIBRATED.
- SAMPLE AND TEST CONCRETE IN ACCORDANCE WITH AS 3600.
- CONCRETE STRENGTHS TO BE AS LISTED BELOW - FOOTINGS - 32MPa
- SLUMP 70mm - MAX. AGGREGATE 20 mm.

REINFORCEMENT

- FIX REINFORCEMENT AS SHOWN ON DRAWINGS. THE TYPE AND GRADE ARE INDICATED BY SYMBOLS. SHOW BELOW FOLLOWED BY A NUMBER DENOTING THE BAR DIAMETER IN mm - N - DENOTES 500N BAR TO AS 1302 S - DENOTES STRUCTURAL GRADE DEFORMED BAR R - DENOTES STRUCTURAL GRADE PLAIN ROUND BAR F - DENOTES HARD DRAWN WIRE FABRIC.
- LAPS IN REINFORCEMENT TO BE FULL TENSION LAPS EXCEPT AS OTHERWISE NOTED.
- REINFORCEMENT TO BE ADEQUATELY CHAIRC TO MAINTAIN SPECIFIED COVERS - MAXIMUM CHAIR SPACING TO BE 800 mm. PROVIDE ADDITIONAL SUPPORT BARS IF NECESSARY TO MAINTAIN COVERS.
- SUPPORT BARROW RUNS AND PUMP LINES CLEAR OF REINFORCEMENT
- UNLESS NOTED OTHERWISE ON DRAWINGS, CONCRETE COVER TO REINFORCEMENT TO BE AS LISTED BELOW - FOOTINGS - 50mm MIN ALL ROUND

GENERAL

- CARRY OUT ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE RELEVANT SAA CODES.
- VERIFY ALL SETTING OUT DIMENSIONS WITH THE ARCHITECT OR DESIGNER.
- DO NOT OBTAIN DIMENSIONS BY SCALING THE STRUCTURAL ELEMENTS.
- IN CASE OF DOUBT - ASK.

STRUCTURAL STEELWORK

- FABRICATE AND ERECT ALL STRUCTURAL STEELWORK IN ACCORDANCE WITH AS 1554, AS 4100 AND AS 1252.
- VERIFY ALL SETTING OUT DIMENSIONS FROM THE ARCHITECTURAL DRAWINGS.
- DO NOT OBTAIN DIMENSIONS BY SCALING THE STRUCTURAL ELEMENTS.
- UNLESS OTHERWISE NOTED USE - 10mm THICK GUSSET, FIN AND END PLATES. M16 8/5 BOLTS, ALL HOT DIP GALV. BOLTS SO MARKED MAY BE 8.8/TF 6mm CONTINUOUS FILLET WELD MADE WITH E 48 xx MILD STEEL ELECTRODES.
- CPBW DENOTES COMPLETE PENETRATING BUTT WELD. CFW DENOTES CONTINUOUS FILLET WELD ALL WELDS CATEGORY STRUCTURAL PURPOSE (SP) UNLESS NOTED OTHERWISE.
- PROVIDE TEMPORARY BRACING AS TO STABILISE THE STRUCTURE.
- CORROSION PROTECTION AND SURFACE FINISH IS TO BE AS AGREED WITH OWNER. - TOUCH UP AFTER ERECTION TYPICAL.
- IF IN DOUBT ASK.

BOLTS

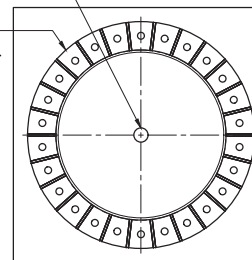
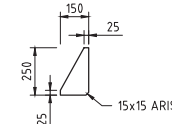
- ALL BOLTS TO BE HOT DIPPED GALVANISED
- UNLESS NOTED OTHERWISE ALL BOLTS TO BE HIGH STRENGTH
- ALL BOLTS TO BE INSTALLED WITH ONE HARDENED WASHER UNDER THE TURNED PART.
- JOINT INTERFACES WHERE BOLTS ARE NOTED TO BE TIGHTENED FOR FRICTION (TF) ARE TO BE FREE FROM PAINT AND OTHER DELETERIOUS SUBSTANCES.
- ALL TF BOLTS ARE TO BE TIGHTENED BY THE 'PART TURN' OR DIRECT TENSION INDICATION METHODS.
- ALL FASTENERS TO BE GALVANISED TO AS1214

TESTING

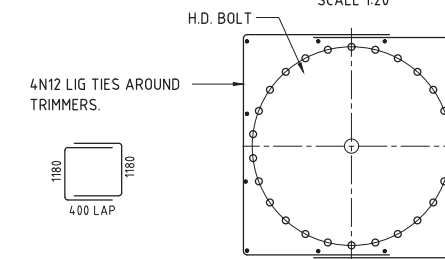
- REFER SPECIFICATION AND NOTATIONS ON DRAWINGS FOR EXTENT OF TESTING REQUIRED.
- THE COST OF ALL TESTING CALLED FOR SHALL BE WORN BY THE FABRICATOR.

Ø75 HOLE FOR ELECTRICAL.

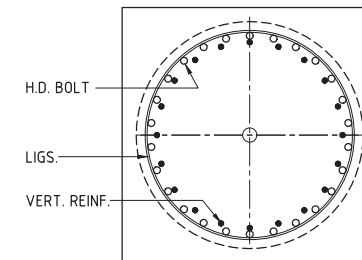
Ø1200 x 32 PLATE BASE, CPBW
26M36 4.6/S BOLTS H.D.G., Ø1050 P.C.D.
COG ENDS 200. 26 OFF 12 PLATE
GUSSETS, 6CFW ALL ROUND.



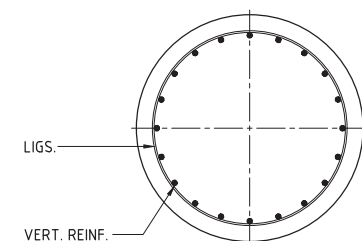
BASE PLATE PLAN
SECTION 2-2
SCALE 1:20



SECTION 1-1
SCALE 1:20



SECTION 4-4
SCALE 1:20



SECTION 3-3
SCALE 1:20

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Revisions	Client	Project	Subject
BRAGGS SIGNAGE	PROPOSED 'V' BILLBOARD SIGN BRUCE HWY SOUTH OF CALOUNDRA EXIT CALOUNDRA QLD	SIGN DETAILS	
LAURIE OAR & ASSOCIATES PTY. LTD. CONSULTING CIVIL & STRUCTURAL ENGINEERS	22 MARTIN STREET, NERANG GOLD COAST, QUEENSLAND ADMIN@OARNENGINEERS.COM.AU	A.B.N. 19 198 205 906 PH. (07) 55 399 566 FAX. (07) 55 920 865	
Date: APR, 24	Design: L.O.	Drawn: K.K.	Checked:
Job No: 24-087			Rev. No: S01
Scales: AS SHOWN AT A1 UNREduced			