

CONSTRUCTION CERTIFICATE
Approved Plans & Specifications relating to:
Date Approved: 19 June 2023
Certificate No.: CC-23109

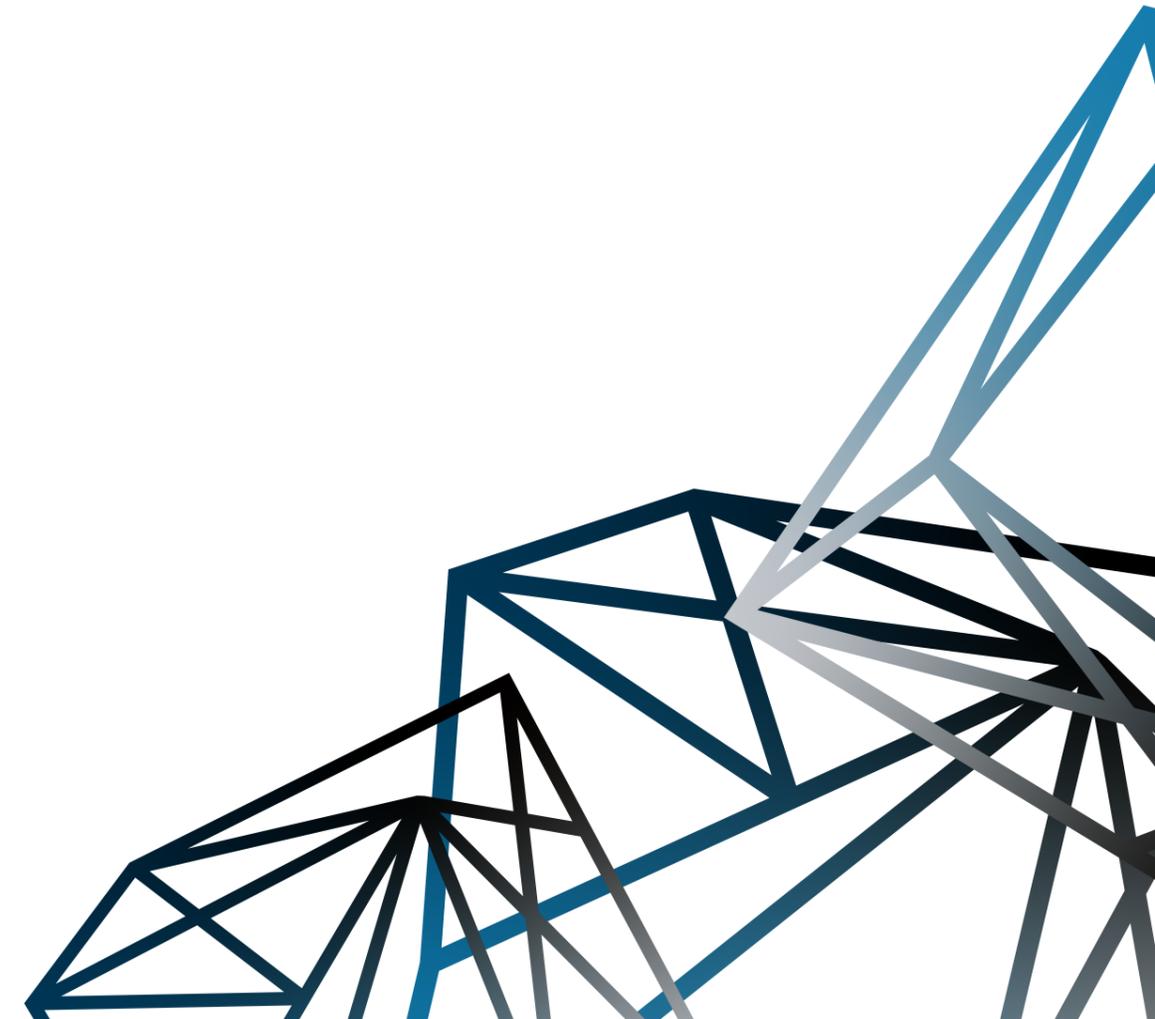
BLACKETT MAGUIRE + GOLDSMITH PTY LTD

SIGNAGE DESIGN PACK

Telstra - Western Sydney Hub

Oakdale West Estate,
Kemps Creek Western Sydney 2178

1. Cover Page.
2. **External "T" Logo** | *ID Signage.*
3. **External "T" Logo** | *Signage - Locations..*
4. **Meeting Room** | *Privacy Glazing Film.*
5. **Meeting Room** | *ID Signage.*
6. **Training Room** | *Glazing Safety Decal.*
7. **Training Room** | *ID Signage.*
8. **Wellness / Reflection Room** | *ID Signage.*
9. **Hearing Loop** | *Braille Signage.*
10. **Welcome Point** | *Wayfinding Signage.*
11. **All Gender Bathroom LH** | *Braille Signage.*
12. **Workstation Signage** | *CCV Signage.*
13. **Locker Signage** | *CCV Signage.*
14. **Floorplan.**

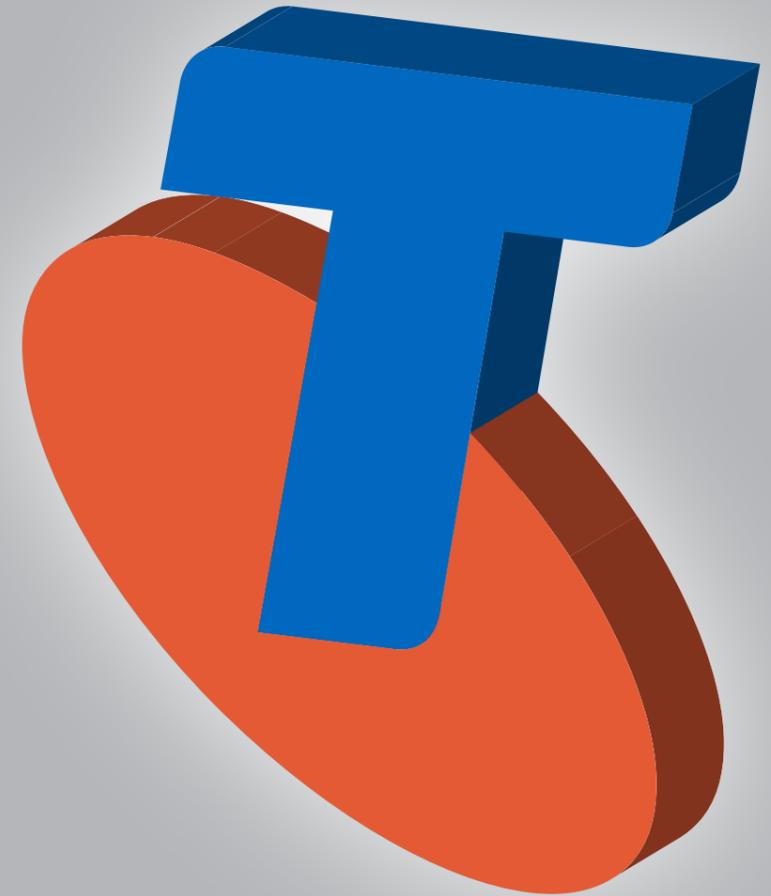
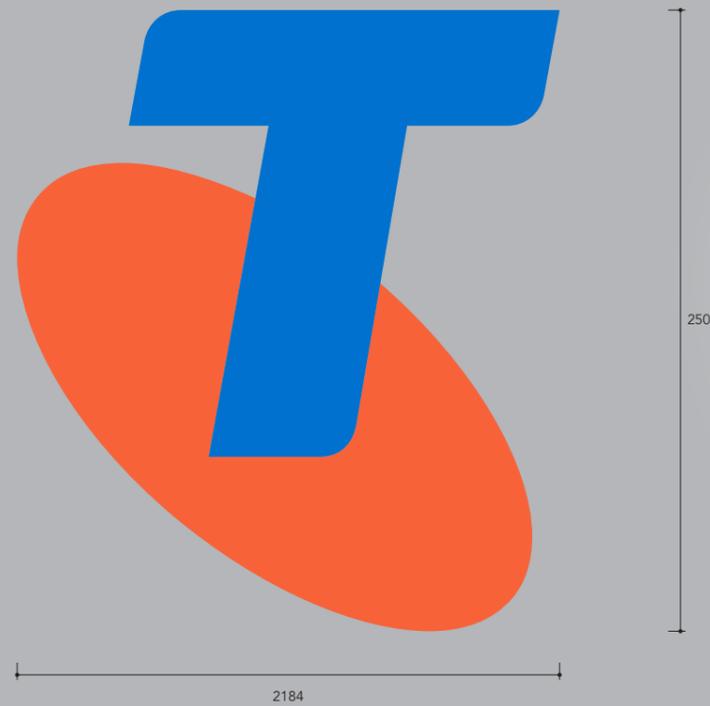


> External "T" Logo - ID Signage.

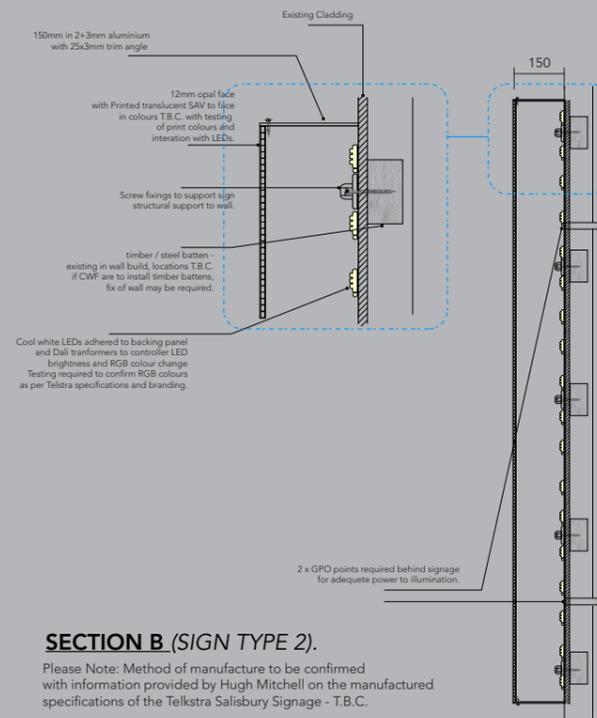
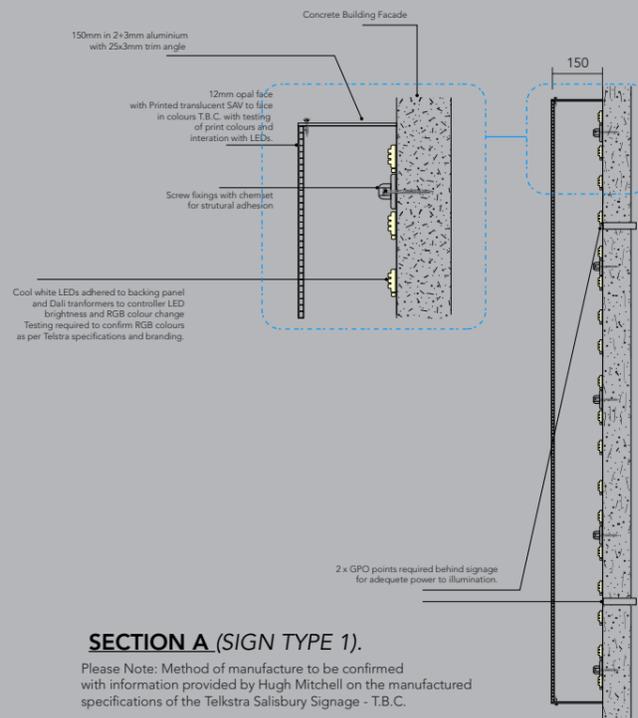
Supply and install Telstra "T" Logo @ 2184 x 2500mm centered vertically above awning and horizontally above green stripe and top height of building. in 2+3mm aluminium with 25x3mm trim angle - 2mm (sides of T-logo) and 3mm (back of T-logo) aluminium sheet
Sign Type 1: 12mm opal face, with Bounce Leds - Optic Leds 24v 6500K (50mm spacing in between the leds) and transformer- laser-cut logo to with vinyl face to match specified blue pantone colours in 2+3mm aluminium with 25x3mm trim angle
 2 pac sprayed Orange Pantone 2026C / Blue Pantone 285C
 Orafol - Translucent 8500 Orange 034
 Orafol - Translucent 8500 Gentian Blue 051
 Face of sign to illuminate, side non-illuminated.

Signage to be in line with current Telstra Brand Hub. <https://brand.telstra.com/#/>
 Telstra brand hub notes signage to be blue t-logo (until advised otherwise we proceed in line with current brand guidelines).
 Colour scheme to be corporate blue as per brand hub.
 Signage to be illuminated on timer control or light sensor (tba - signage contractor).
 Colour change LED's required to illuminate light (incl. controller to change colour & brightness)*
 Power feed off tenancy switch board (assumed).
 CIDD process to ensure sign is easily accessible to replace / maintain - ie. scissor access (?)

PLEASE NOTE : Power supply by licensed electrician (CWF will not run cabling to location)
 2 x GPO points required behind signage for adequate power to illumination, and access panel also required at rear of wall / in ceiling space for connection of wiring to be achieved.



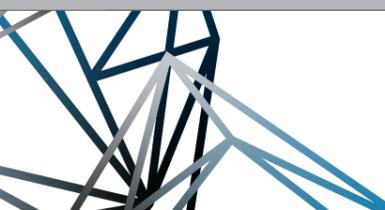
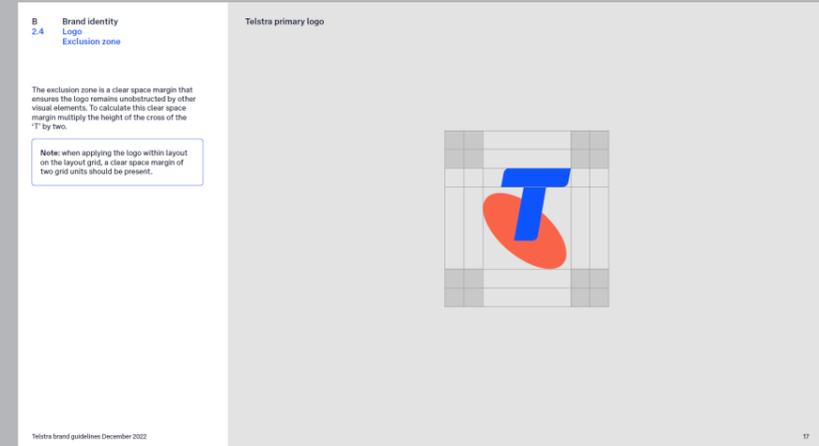
> Telstra Feature/Branding - Installation Specs.



> COLOUR SCHEME 1.



> Telstra Feature/Branding - Colour Specification Reference..



Telstra - Western Sydney Hub
 Signage Design Pack

Oakdale West Estate,
 Kemps Creek Western Sydney 2178

Contact: Chris Trevethan
 0404 065 571

Job #.	Designer.	Page.
CWFJ5095V	JC	2 of 14

Approved By.

Date.

Drawn On:	24/06/2022
Revision 1:	18/08/2022
Revision 2:	16/02/2023



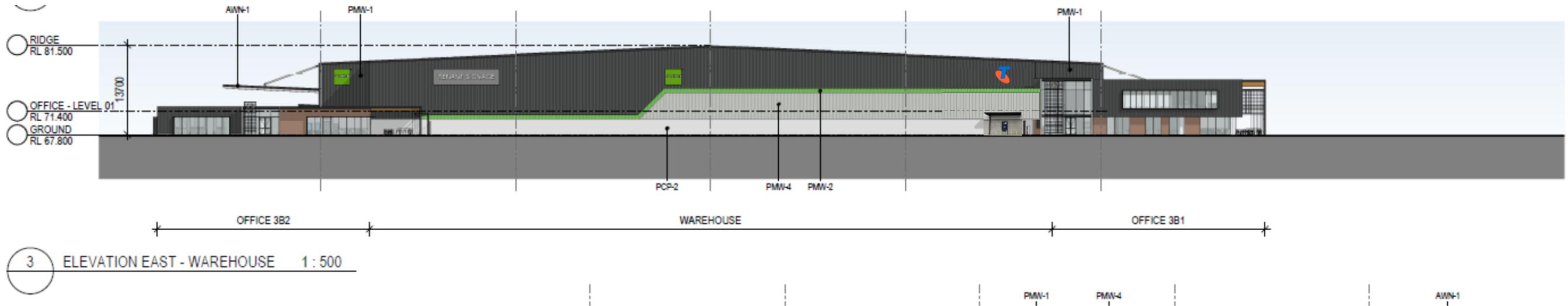
All plaster walls requiring graphics need to be painted in a high gloss non teflon non silicon paint. A minimum of 5 days drying time is required.

By signing this document you are authorizing the production of all designs and sizes noted on this page. All film is installed to the inside of rooms and viewed from the outside, unless otherwise noted. All elevations are drawn from the outside.

At The Corporate Window Film Company we take care in our work to try avoid errors, however, we [The Corporate Window Film Company] accept no responsibility for typographical errors, spelling mistakes, or incorrect information on any project committed to print or production. It is your responsibility as the client to proof read and approve all final copy before the production of work.

> External Logo Signage - Location.

CONSTRUCTION CERTIFICATE
 Approved Plans
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BLACKETT MAGUIRE + GOLDSMITH PTY LTD



Illuminated Tenant Sign fixed to Building (artwork to future details)
PROPOSED INDUSTRIAL FACILITY LOT 3B Signage Plan
 1:500 @ A1
 1:1000 @ A3
 21 June 2021
 OAK 3B DA 39 (D)
 Job No 21116



Telstra - Western Sydney Hub Signage Design Pack

Oakdale West Estate,
 Kemps Creek Western Sydney 2178

Contact: Chris Trevethan
 0404 065 571

Job #. Designer. Page.
 CWFJ5095V JC 3 of 14

Approved By.

Date.

Drawn On: 24/06/2022
 Revision 1: 18/08/2022
 Revision 2: 31/08/2022
 Revision 3: 26/10/2022
 Revision 4: 17/02/2023



All plaster walls requiring graphics need to be painted in a high gloss non teflon non silicon paint. A minimum of 5 days drying time is required.

By signing this document you are authorizing the production of all designs and sizes noted on this page. All film is installed to the inside of rooms and viewed from the outside, unless otherwise noted. All elevations are drawn from the outside.

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Oakdale West
16A Emporium Ave,
Kemps Creek

Issue B: 08/02/2023

Project: 23007
Date: 24.01.2023
Rev B
1 Sign as shown

Brendon Prentice
MIEAust CPEng NER
QLD (13209) NT (230827ES)
VIC (EC4579Z) TAS (CC742S)
NSW, SA & WA - IWA

Signature: *B. Prentice*

Registered on the NER in the area(s)
of practice of Structural Engineering

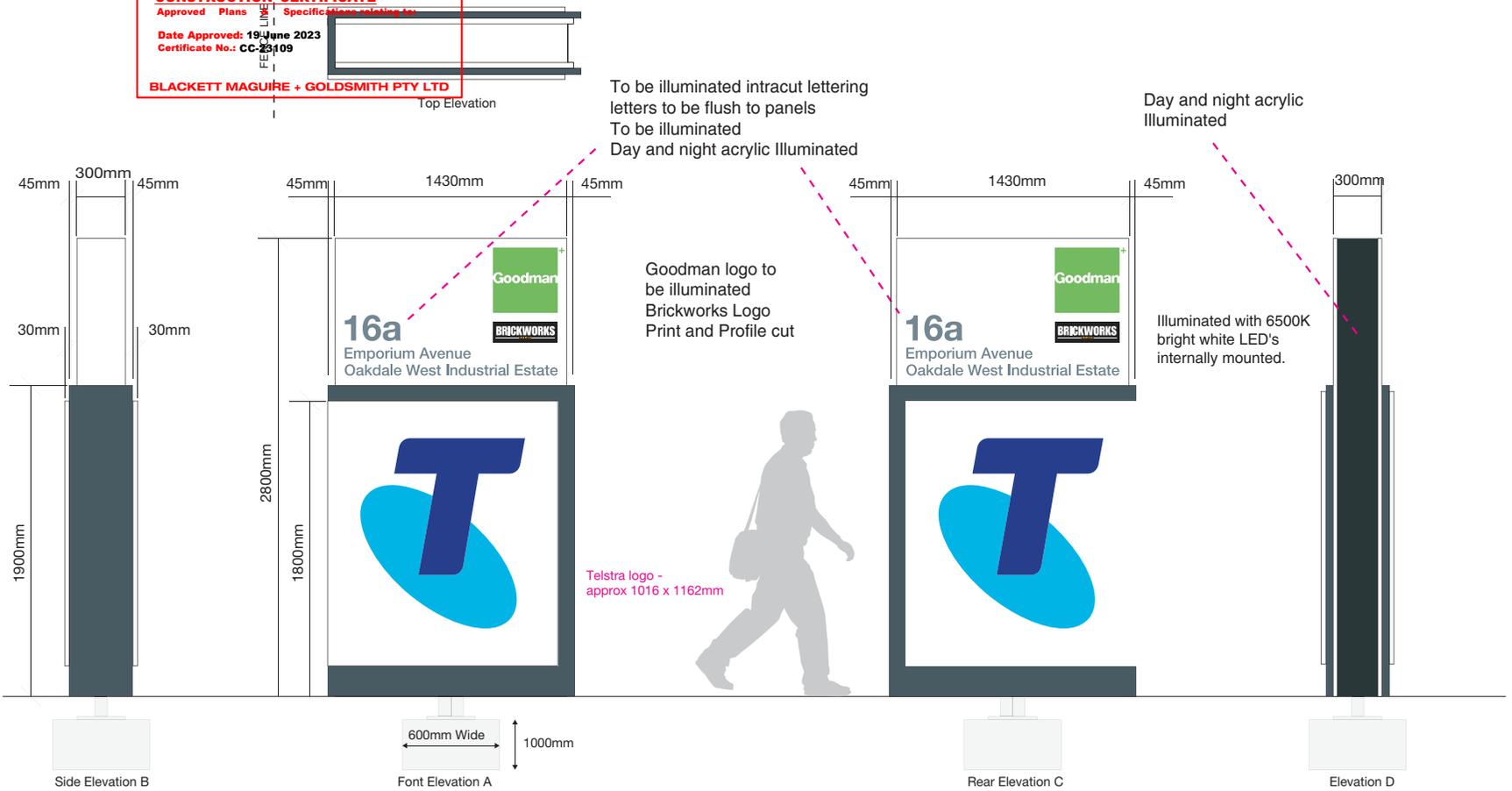


National
Engineering
Register

ELEGANT
ENGINEERING

S8 - D/SIDED - 2800 x 1520mm

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To be illuminated intracut lettering
 letters to be flush to panels
 To be illuminated
 Day and night acrylic illuminated

Goodman logo to be illuminated
 Brickworks Logo
 Print and Profile cut

Telstra logo -
 approx 1016 x 1162mm

Day and night acrylic illuminated

Illuminated with 6500K bright white LED's internally mounted.

S8 - Pylon
 1x S8 Totem
 1520 x 2800mm
 (Double sided)

Manufactured and finished as per previous signs produced by Wizardry, Installed on new concrete footing
 Includes illuminated text and arrows

- Avery Ash Grey QM5571 (Illuminated)
- Avery Yellow Green QM5562 (Illuminated)
- Day and night acrylic (Illuminated)
- 2Pac Painted to match PMS 431C
- Avery Gun metal grey 983

SIGN ID / REFERENCE:
S8 - Pylon

ISSUE: B
 DATE: 08/02/2023
 SETUP: CW
 PM: AM
 JOB NO: 7591

SITE
 Oakdale West
 16A Emporium Ave, Kemps Creek.

CODE
 -

TYPE
 -

ILLUMINATION
 Yes

FORMAT
 Double sided

QUANTITY
 As Shown

SIZE
 As Shown

COLOUR
 PMS 369C

 CMYK

MATERIALS
 As shown

ACTION
 Freestanding sign

FIXING METHODS
 Installed in front of fence.

PLEASE NOTE: BUILDING MANAGER ALWAYS NEEDS TO BE CONTACTED BEFORE GOING TO SITE. Please note: black outline will not print

Building Manager Alanna Meredith	Contact Number 0408 644 550	Contact email Alanna.Meredith@goodman.com	Installation Type Install
-------------------------------------	--------------------------------	--	------------------------------

56 Elizabeth St, Wetherill Park. NSW 2164
 P: 02 9821 7600 | F: 02 9821 7666
 E: alvarom@insg.com.au

THE ABOVE LAYOUT IS FOR YOUR APPROVAL. PLEASE ENSURE YOU CHECK THAT ALL SIZES, CONFIGURATION, SPELLING, LOGO'S & COLOUR'S (WHERE INDICATED) ARE CORRECT.

S8 - D/SIDED - INNER FRAMEWORK - COMPONENTS

MATERIALS:

- 40 x 40 x 3mm SHS ALLY
- 40 x 40 x 3mm SHS ALLY
- 76 x 76 x 6.35 SHS ALLY
- 100 x 100 x 6mm ALLY GUSSETS

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Brendon Prentice

MIEAust CP Eng NER
QLD (13200) NT (28027ES)
VIC (EC45792) TAS (CC7429)
WA (11111) NT (11111)

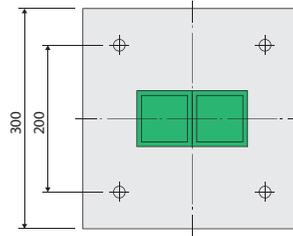
Signature: *B. Prentice*
Registered on the NER in the area(s)
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National
Engineering
Register

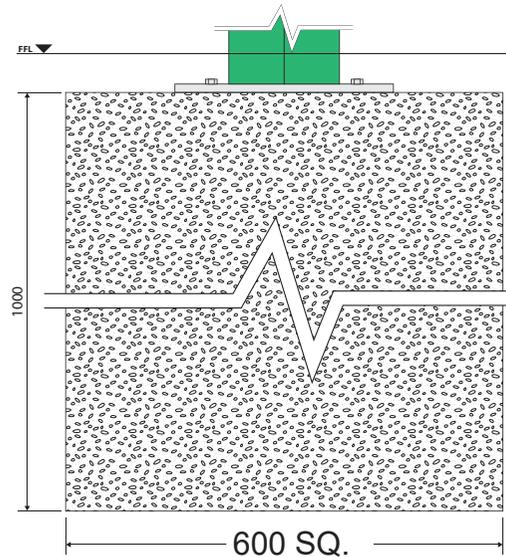


Project: 23007
Date: 13.02.2023
Rev B
1 Sign as shown



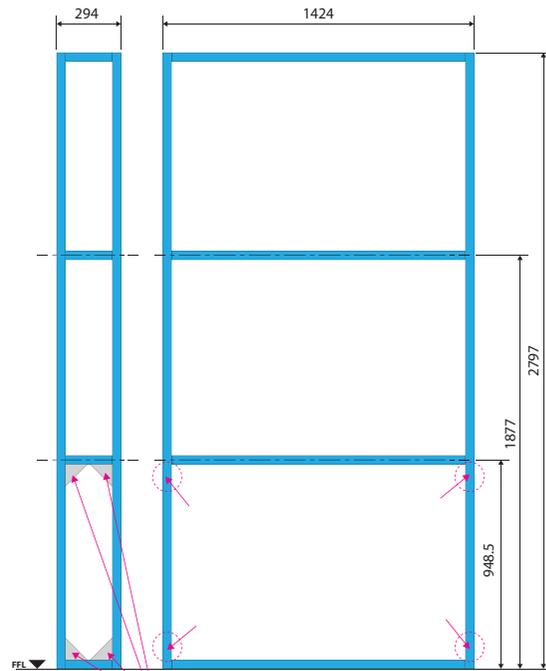
ALUMINIUM OPTION:
2 / 76 x 76 x 6.35mm SHS GR 6082-T6
300 x 300 x 20mm BASEPLATE - GR5083-H116
4 / M16 EPOXY ANCHORS, EMBED 200

BASE PLATE



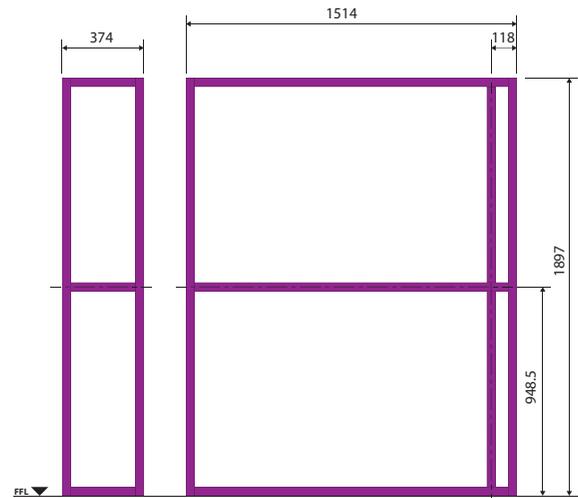
600 SQ.

FOOTING



SIDE VIEW

FRONT VIEW



SIDE VIEW

FRONT VIEW

SIGN ID / REFERENCE:
**S8 - Pylon
Frame Components**

ISSUE: B
DATE: 08/02/2023
SETUP: CW
PM: AM
JOB NO: 7591

SITE
Oakdale West
16A Emporium Ave, Kemps Creek.

CODE
-

TYPE
-

ILLUMINATION
Yes

FORMAT
Double sided

QUANTITY
As Shown

SIZE
As Shown

COLOUR

PMS 369C

CMYK

MATERIALS
As shown

ACTION
Freestanding sign

FIXING METHODS
Installed in front of fence.

PLEASE NOTE: BUILDING MANAGER ALWAYS NEEDS TO BE CONTACTED BEFORE GOING TO SITE.

Please note: black outline will not print

Building Manager
Alanna Meredith

Contact Number
0408 644 550

Contact email
Alanna.Meredith@goodman.com

Installation Type
Install

THE ABOVE LAYOUT IS FOR YOUR APPROVAL. PLEASE ENSURE YOU CHECK THAT ALL SIZES, CONFIGURATION, SPELLING, LOGO'S & COLOUR'S (WHERE INDICATED) ARE CORRECT.



56 Elizabeth St, Wetherill Park, NSW 2164
P: 02 9821 7600 | F: 02 9821 7666
E: alvarom@insg.com.au

www.wizardry.com.au

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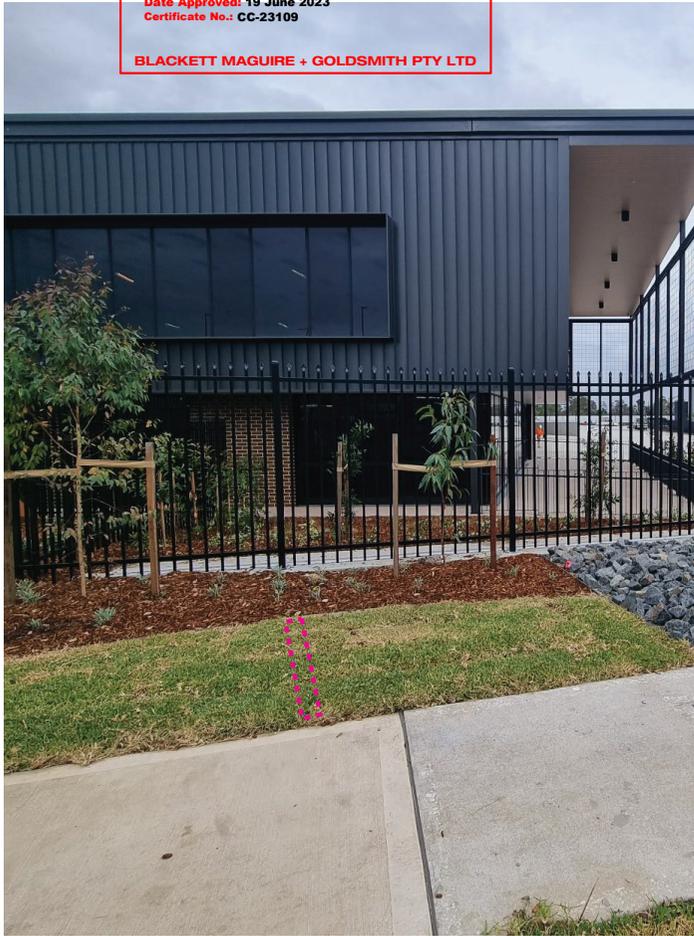
Proposed Location - NOT TO SCALE

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Signage Location. Note Orientation

SIGN ID / REFERENCE:
S8 - Proposed Location

ISSUE: B
DATE: 08/02/2023
SETUP: CW
PM: AM
JOB NO: 7591

SITE
Oakdale West
16A Emporium Ave, Kemps Creek.

CODE
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TYPE
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ILLUMINATION
Yes

FORMAT
Double sided

QUANTITY
As Shown

SIZE
As Shown

COLOUR
PMS 369C
● ● ● ●
CMYK

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As shown

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SIGN GENERAL NOTES

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GENERAL

1. READ THESE DRAWINGS IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS AND WITH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED.
2. IF IN DOUBT ASK.
3. REFER ANY DISCREPANCY TO THE PROJECT MANAGER BEFORE PROCEEDING.
4. CONSTRUCTION SHALL NOT COMMENCE UNTIL APPROVED BY THE RELEVANT AUTHORITY.
5. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT AND CURRENT AUSTRALIAN STANDARDS AND THE BUILDING CODE OF AUSTRALIA.
6. DO NOT SCALE THESE DRAWINGS FOR DIMENSIONS.
7. ALL SETOUT DIMENSIONS SHALL BE VERIFIED BY THE BUILDER ON SITE.
8. ALL LEVELS ARE IN METRES AND ALL DIMENSIONS ARE IN MILLIMETRES U.N.O.
9. THESE DRAWINGS ARE THE COPYRIGHT OF ELEGANT ENGINEERING AND MUST NOT BE USED, REPRODUCED OR COPIED, WHOLLY OR IN PART, WITHOUT THE WRITTEN PERMISSION OF OVERHEAD ENGINEERING. ALL RIGHTS RESERVED.
10. SEPARATE DISSIMILAR METALS USING DOUBLE SIDED TAPE, NEOPRENE PACKERS AND THE LIKE.
11. ALL FIRE REQUIREMENTS TO MANUFACTURERS DETAILS INCLUDING BUT NOT LIMITED TO FLAMMABILITY AND COMBUSTIBILITY.

LOADING

1. WIND LOADS ARE IN ACCORDANCE WITH AS1170.2 AS FOLLOWS (UNO):
SIGN HEIGHTS LESS THAN 5m AS IMPORTANCE LEVEL: 1.
ANNUAL PROBABILITY OF EXCEEDANCE: 1 in 100.
SIGN HEIGHTS GREATER THAN 5m AS IMPORTANCE LEVEL: 2.
ANNUAL PROBABILITY OF EXCEEDANCE: 1 in 500.
TC2.0, Ms=1.0, Ml=1.00. WIND REGION A FOR GENERIC DESIGNS OR WHERE AN ADDRESS IS PROVIDED FOR THE INSTALL LOCATION.
THE SERVICE WIND SPEED FOR ALL SIGNS HAS BEEN CONSIDERED AS 80km/h

STRUCTURAL STEELWORK

1. ALL WORKMANSHIP AND MATERIALS (INCLUDING ERECTION AND FABRICATION) SHALL BE IN ACCORDANCE WITH AS4100
2. ALL STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING AUSTRALIAN STANDARDS IN RESPECT OF GRADE AND CONDITIONS OF SUPPLY UNO:
ROLLED SECTIONS AS/NZS 3679.1 GRADE 300
WELDED SECTIONS AS/NZS 3679.2 GRADE 300
HOLLOW SECTIONS AS/NZS 1163 GRADE C350
3. CONNECTION CLEATS SHALL BE 10mm THK UNO AND EITHER: (UNO)
AS/NZS 3678 GRADE 250 PLATE
AS/NZS 3679.1 GRADE 300 FLAT BAR

STRUCTURAL STEELWORK BOLTING

4. ALL BOLTS, NUTS AND WASHERS TO BE GALVANIZED.
5. BOLTS SHALL BE IN ACCORDANCE WITH AS1110, AS1111 AND/OR AS/NZS1252 AS APPROPRIATE
6. BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH CLAUSE 15.2.3 OF AS4100 AND BOLTS REQUIRING TENSIONING (8.8/8T AND 8.8/TF) SHALL BE INSTALLED IN ACCORDANCE WITH CLAUSES 15.2.4 AND 15.2.5 OF AS4100 USING EITHER THE PART-TURN METHOD OR A DIRECT-TENSION INDICATION DEVICE. THE TORQUE CONTROL METHOD SHALL NOT BE USED.
7. ALL BOLT HOLES SHALL BE 2mm LARGER THAN THE NOMINAL BOLT DIAMETER EXCEPT WHERE SLOTTED OR OVERSIZE HOLES ARE SHOWN ON THE STRUCTURAL STEEL DETAILS. ALL HOLES SHALL COMPLY WITH CLAUSE 14.3.5 OF AS4100. PLATE WASHERS SHALL BE PROVIDED WHERE REQUIRED BY CLAUSE 14.3.5.

STRUCTURAL STEELWORK WELDING

8. ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS1554.1.
9. ELECTRODES SHALL BE TO EITHER AS1153, AS1858, AS2203 OR AS2717.
10. ALL FILLET WELDS SHALL BE 6mm CONTINUOUS CATEGORY SP USING E48XX ELECTRODES OR EQUIVALENT. U.N.O.
11. ALL BUTT WELDS SHALL BE FULL PENETRATION CATEGORY SP TO AS1554.1. U.N.O.

STEELWORK FINISH

12. THE FINISH OF THE STEELWORK TO BE TO THE MANUFACTURERS DETAILS TO ACHIEVE THE DESIGN LIFE REQUIRED BY THE CLIENT.

ALUMINIUM

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS1664 EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
2. ALL WELDING SHALL BE IN ACCORDANCE WITH AS1665-2004.
3. UNLESS NOTED OTHERWISE, ALL FILLET WELDS SHALL BE 4mm CONTINUOUS.
4. REFER TO COMPONENT DETAILS FOR ALUMINIUM ALLOY AND TEMPER WHERE NOT SPECIFIED 6063-T5 HAS BEEN ASSUMED FOR EXTRUSIONS AND 5083-H116 FOR FLAT/PLATE.
5. ALUMINIUM IS TO BE SEPARATED FROM CONCRETE/TIMBER AND OTHER POROUS MATERIALS TO PREVENT DIRECT CONTACT WITH AN INERT LAYER SUCH AS PLASTIC, PAINT, END PLUGS ETC TO THE MANUFACTURERS DETAILS.

PROPRIETY ITEMS

1. PROPRIETY ITEMS SHALL BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATION U.N.O.
2. FRANGIBILITY PERFORMANCE OF SIGNS WHERE REQUIRED IS TO BE ACHIEVED USING PROPRIETY PRODUCTS APPROVED BY THE RELEVANT AUTHORITY AND IS EXCLUDED FROM OUR DESIGN AND CERTIFICATION WHICH IS LIMITED TO WIND AND SELF WEIGHT ONLY.

CONCRETE

1. CONCRETE SHALL BE IN ACCORDANCE WITH AS3600 & AS1379 EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
2. ADMIXTURES SHALL NOT BE USED U.N.O. OR APPROVED IN WRITING.
3. NO HOLES, CHASES OR EMBEDMENT OF PIPES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ENGINEER.
4. ALL CONCRETE SHALL BE COMPACTED WITH MECHANICAL VIBRATORS.
5. THE FINISHED CONCRETE SHALL BE A DENSE HOMOGENEOUS MASS, COMPLETELY FILLING THE FORMWORK THOROUGHLY EMBEDDING THE REINFORCEMENT AND FREE OF STONE POCKETS ETC.
6. CURING OF ALL CONCRETE SHALL BE ACHIEVED BY KEEPING SURFACES COMPLETELY WET FOR A PERIOD OF 5 DAYS FOLLOWED BY A GRADUAL DRYING OUT. MINIMUM CURING TIME PRIOR TO LOADING FOOTINGS SHALL BE 72 HOURS.
7. REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY AND NOT NECESSARILY IN TRUE PROJECTION.
8. ALL REINFORCEMENTS SHALL BE FIRMLY SECURED
9. ALL REINFORCEMENT SHALL BE AS FOLLOWS TO AS4671
N GRADE 500 NORMAL DUCTILITY DEFORMED BAR.
R GRADE 250 NORMAL DUCTILITY PLAIN ROUND BAR.
10. SITE BENDING OF DEFORMED REINFORCING BARS SHALL BE DONE WITHOUT HEATING USING MECHANICAL BENDING TOOLS.
11. WELDING OF REINFORCEMENT SHALL NOT BE PERMITTED UNLESS SHOWN ON THE STRUCTURAL DRAWINGS OR APPROVED BY THE ENGINEER.
12. MIN CONCRETE QUALITY SHALL BE AS FOLLOWS UNO

ELEMENT	CONCRETE QUALITY					
	F _c AT 28 DAYS (MPa)	SLUMP (mm)	MAX AGGREG. (mm)	COVER (mm)		
				INTERNAL	EXTERNAL	GROUND
PIERS & PADS	32	120	20	-	-	65

FOUNDATIONS

1. HAVE BEEN DESIGNED WITH THE FOLLOWING ALLOWABLE BEARING CAPACITIES (UNO) AND ARE TO BE ASSESSED BY THE INSTALLER ON SITE.
1.1. PAD FOOTINGS 50kPa.
1.2. PIERED FOOTINGS 100kPa.
2. THESE ARE APPROXIMATE DESCRIPTIONS OF SOIL ALLOWABLE BEARING CAPACITIES:
2.1. 50kPa IS LOOSE SAND AND IS DESCRIBED AS DEPOSITS READILY REMOVABLE BY SHOVELING ONLY AND INTO WHICH ARE SHARP POINTED WOODEN POST 50mm SQUARE CAN EASILY BE DRIVEN WITH A HAMMER NOT EXCEEDING 5kg
2.2. 100 kPa IS MEDIUM DENSE SAND OR GRAVEL DEPOSITS REMOVABLE BY VIGOROUS SHOVELING AND INTO WHICH A SHARP POINTED WOODEN POST 50mm SQUARE CAN EASILY BE DRIVEN WITH A HAMMER NOT EXCEEDING 5kg.
2.3. 100 kPa IS FIRM CLAY WHICH MAY WITH MODERATE EFFORT BE PENETRATED TO A DEPTH OF 50mm BY THE THUMB.
2.4. AS A FURTHER ASSESSMENT AN 80kg PERSON WITH THEIR LOAD SPREAD OVER A 10cmx10cm BOARD WILL EXERT A PRESSURE OF 80kPa.
3. FOOTINGS SHALL BE CONSTRUCTED AND BACKFILLED AS SOON AS POSSIBLE FOLLOWING EXCAVATION. EXCAVATIONS SHALL BE KEPT FREE OF PONDED WATER.
4. LOCATE AND PROTECT ALL SERVICES PRIOR TO EXCAVATION.
5. INSTALLER TO ASSESS POTENTIAL UNDERMINING OF EXISTING STRUCTURES IF FOOTING OF EXISTING STRUCTURE IS WITHIN 3 METRES OF NEW FOOTING.
6. BATTER EXCAVATION BACK TO ADJACENT SLOPE AT 1:4 GRADE AS REQUIRED.

EPOXY ANCHORS

1. ALL EPOXY ANCHORS ARE TO BE HOT DIP GALVANISED UNO
2. THREADED ROD IS TO BE MIN GRADE 4.6 TYPICALLY AND MIN GRADE 5.8 FOR HEAVY DUTY APPLICATIONS UNO.
3. USE STANDARD EMBEDMENT DEPTHS AS FOLLOWS UNO

SIZE	M8	M10	M12	M16	M20	M24
DEPTH	80	90	110	125	170	210
5. CORE DRILLED AND/OR WET HOLES REQUIRE HEAVY DUTY EPOXY
6. EPOXY SHALL BE AS FOLLOWS INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS:
6.1. STANDARD WHERE NOT OTHERWISE SPECIFIED:
HILTI HY-200
RAMSET CHEMSET 101 PLUS
POWERS KF2 OR AC100a
6.2. HEAVY DUTY:
HILTI HVU
RAMSET RED 502
POWERS PF PRO
6.3. BRICKWORK OR HOLLOW BLOCKWORK SUBSTRATE:
HILTI HY-110
RAMSET CHEMSET 101 PLUS
POWERS KF2 OR AC100a
7. CONCRETE SHALL BE CURED FOR AT LEAST 21 DAYS PRIOR TO INSTALLING EPOXY ANCHORS.
8. EPOXY ANCHORS INSTALLED INTO CONCRETE LESS THAN 21 DAYS OLD SHALL BE RAMSET CHEMSET RED502 REGARDLESS OF WHETHER ANOTHER PRODUCT HAS BEEN SPECIFIED AND THE CONCRETE SHALL HAVE ACHIEVED A MIN STRENGTH OF 25MPa WHICH CAN BE ACHIEVED USING M40 CONCRETE CURED FOR AT LEAST 7 DAYS.

Brendon Prentice
ME Aust CP Eng NER
QLD (13209) NT (239827E5)
VIC (EC45782) TAS (CC7425)
NSW, SA & WA - WA
Signature: *B. Prentice*
Registered on the NER in the areas of
of practice of Structural Engineering



ELEGANT
ENGINEERING

ELEGANT
ENGINEERING

Ph (02) 9674 7601
mail@elegantengineering.com.au
ABN 49 613 740 668

Project: 23007
Date: 13.02.2023
Rev B
1 Sign as shown

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Certificate No.: CC-23109

BLACKETT MAGUIRE + GOLDSMITH PTY LTD

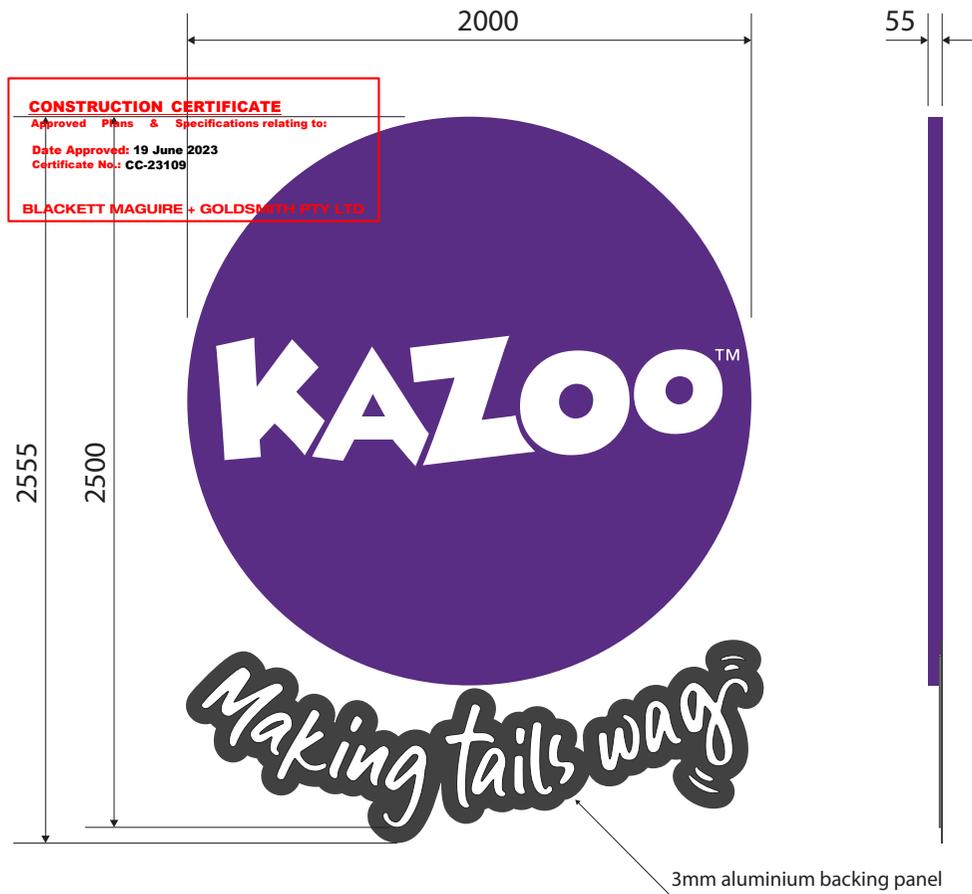


Oakdale West
16B Emporium Ave,
Kemps Creek

Issue C: 23/03/2023

Project: 23053
Date: 13.04.2023
1 Sign as shown
Rev A

Brendon Prentice MIEAust CPEng NER QLD (13209) NT (239827ES) VIC (EC45792) TAS (CC7429) NSW, SA & WA - N/A Signature: <i>B. Prentice</i> Registered on the NER in the area(s) of practice of Structural Engineering	 National Engineering Register	ELEGANT ENGINEERING
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- 1 off 2555mm (h) x 2000mm (w)
- 55mm deep fabricated aluminium Kazoo logo 2 pack painted PMS 268 with satin finish and gloss white vinyl cut 'Kazoo' text applied to face.
 - Logo shoeboxed over 50x50x3 aluminium angle frame fixed to building
 - Laser cut 5mm thick aluminium tagline text painted gloss white and mounted to 3mm aluminium backing panel.
 - Backing panel router cut to shape of text and 2 pack painted to match as close as possible to building colour.
 - Sign installed to existing building structure via mechanical fixings in general accordance with engineer's recommendations

PLEASE NOTE: BUILDING MANAGER ALWAYS NEEDS TO BE CONTACTED BEFORE GOING TO SITE.

Building Manager Michael Trotnar	Contact Number 0409 999 447	Contact email Michael.Trotnar@goodman.com.au	Installation Type Fabricated Building Sign
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SIGN ID / REFERENCE:
Non Illuminated Sign

ISSUE: C
 DATE: 23/03/2023
 SETUP: JW
 PM: JW
 JOB NO: 7605

SITE
 Oakdale West
 16B Emporium Ave, Kempas Creek.

CODE
 -

TYPE
 -

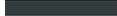
ILLUMINATION
 Non

FORMAT
 Single sided

QUANTITY
 As Shown

SIZE
 As Shown

COLOUR

 PMS 268C

 Monument Grey (TBC)

MATERIALS
 As shown

ACTION
 Install new fabricated sign to building facade

FIXING METHODS
 Mechanically fixed to building facade



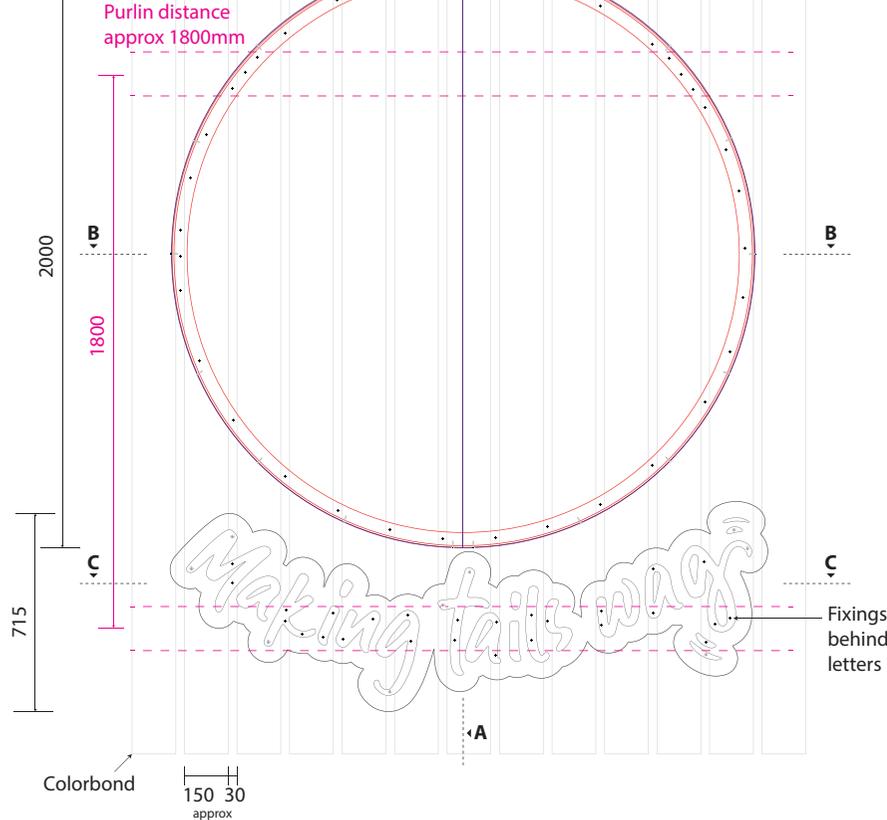
56 Elizabeth St, Wetherill Park, NSW 2164
 P: 02 9821 7600 | F: 02 9821 7666
 E: alvarom@insg.com.au

Existing wall sheeting assumed colorbond or equivalent (i.e. min BMT = 0.42 and steel grade = G300S).
 Existing wall purlins assumed min BMT = 1.0
 Installer to confirm on site and notify engineer if different.

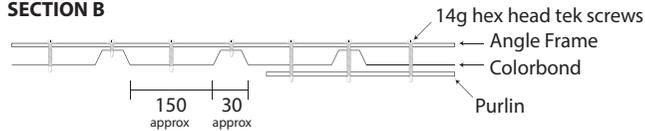
CONSTRUCTION CERTIFICATE

Approved Plans & Specifications relating to:
 Date Approved: 19 June 2023
 Certificate No.: CC-23109

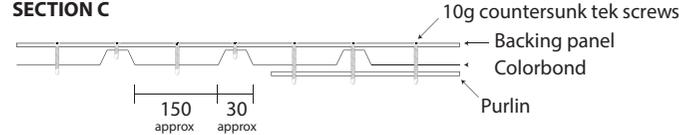
BLACKETT MAGUIRE + GOLDSMITH PTY LTD



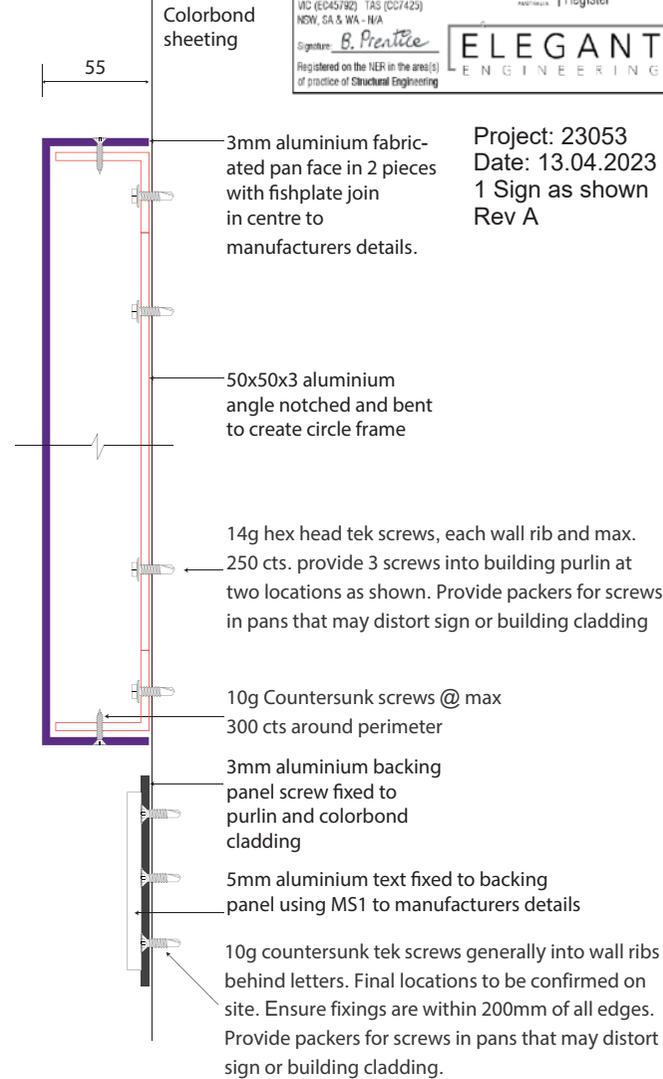
SECTION B



SECTION C



SECTION A



Brendon Prentice
 MIEAust CPEng NER
 QLD (13200) NT (23982765)
 VIC (E045792) TAS (C07429)
 NSW, SA & WA - N/A
 Signature: *B. Prentice*
 Registered on the NER in the area(s) of practice of Structural Engineering

National Engineering Register

ELEGANT ENGINEERING

Project: 23053
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CODE
 -

TYPE
 -

ILLUMINATION
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FORMAT
 Single sided

QUANTITY
 As Shown

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 As Shown

COLOUR
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 Monument Grey (TBC)

MATERIALS
 As shown

ACTION
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FIXING METHODS
 Mechanically fixed to building facade

PLEASE NOTE: BUILDING MANAGER ALWAYS NEEDS TO BE CONTACTED BEFORE GOING TO SITE.

Building Manager
 Michael Trotnar

Contact Number
 0409 999 447

Contact email
 Michael.Trotnar@goodman.com.au

Installation Type
 Fabricated Building Sign

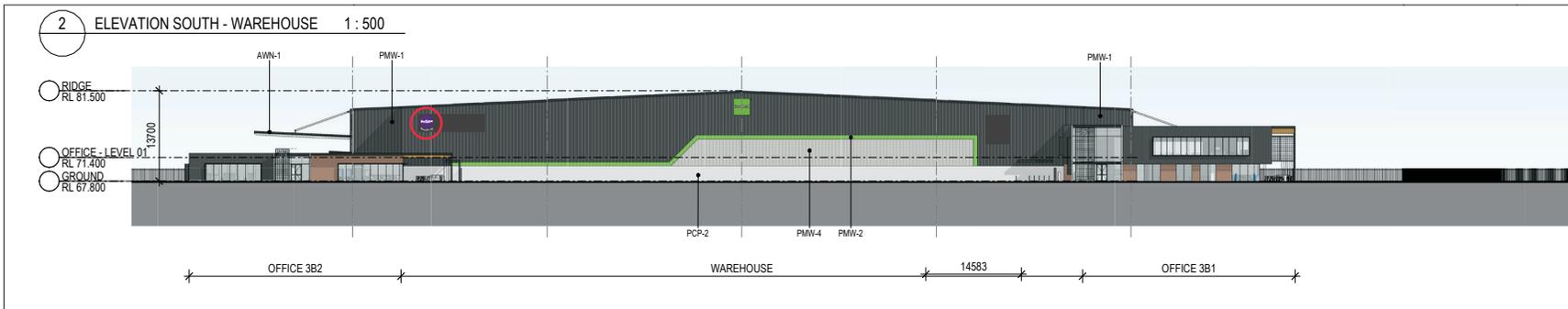


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 E: alvarom@insg.com.au

www.wizardry.com.au

PAGE: 3/5

Proposed install location



SIGN ID / REFERENCE:
Proposed Location

ISSUE: C
DATE: 23/03/2023
SETUP: JW
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SITE
Oakdale West
16B Emporium Ave, Kempas Creek.

CODE
-

TYPE
-

ILLUMINATION
Non

FORMAT
Single sided

QUANTITY
As Shown

SIZE
As Shown

COLOUR
As Shown

MATERIALS
As shown

ACTION
Freestanding sign

FIXING METHODS
Installed in front of fence.

PLEASE NOTE: BUILDING MANAGER ALWAYS NEEDS TO BE CONTACTED BEFORE GOING TO SITE.

Building Manager
Michael Trotnar

Contact Number
0409 999 447

Contact email
Michael.Trotnar@goodman.com.au

Installation Type
Fabricated Building Sign



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PAGE: 4/5

Install location



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BLACKETT MAGUIRE + GOLDSMITH PTY LTD

SIGN ID / REFERENCE:

Install Location

ISSUE: C
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Oakdale West
16B Emporium Ave, Kemps Creek.

CODE
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ILLUMINATION
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FORMAT
Single sided

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As Shown

SIZE
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MATERIALS
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ACTION
Freestanding sign

FIXING METHODS
Installed in front of fence.



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Building Manager
Michael Trotnar

Contact Number
0409 999 447

Contact email
Michael.Trotnar@goodman.com.au

Installation Type
Fabricated Building Sign

SIGN GENERAL NOTES

CONSTRUCTION CERTIFICATE

Approved Plans & Specifications relating to:

Date Approved: 19 June 2023
Certificate No.: CC-23109

BLACKETT MAGUIRE + GOLDSMITH PTY LTD

GENERAL

1. READ THESE DRAWINGS IN CONJUNCTION WITH ALL OTHER CONSULTANTS DRAWINGS AND SPECIFICATIONS AND WITH OTHER WRITTEN INSTRUCTIONS AS MAY BE ISSUED.
2. IF IN DOUBT ASK.
3. REFER ANY DISCREPANCY TO THE PROJECT MANAGER BEFORE PROCEEDING.
4. CONSTRUCTION SHALL NOT COMMENCE UNTIL APPROVED BY THE RELEVANT AUTHORITY.
5. ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT AND CURRENT AUSTRALIAN STANDARDS AND THE BUILDING CODE OF AUSTRALIA.
6. DO NOT SCALE THESE DRAWINGS FOR DIMENSIONS.
7. ALL SETOUT DIMENSIONS SHALL BE VERIFIED BY THE BUILDER ON SITE.
8. ALL LEVELS ARE IN METRES AND ALL DIMENSIONS ARE IN MILLIMETRES U.N.O.
9. THESE DRAWINGS ARE THE COPYRIGHT OF ELEGANT ENGINEERING AND MUST NOT BE USED, REPRODUCED OR COPIED, WHOLLY OR IN PART, WITHOUT THE WRITTEN PERMISSION OF OVERHEAD ENGINEERING. ALL RIGHTS RESERVED.
10. SEPARATE DISSIMILAR METALS USING DOUBLE SIDED TAPE, NEOPRENE PACKERS AND THE LIKE.
11. ALL FIRE REQUIREMENTS TO MANUFACTURERS DETAILS INCLUDING BUT NOT LIMITED TO FLAMMABILITY AND COMBUSTIBILITY.

LOADING

1. WIND LOADS ARE IN ACCORDANCE WITH AS1170.2 AS FOLLOWS (UNO):
SIGN HEIGHTS LESS THAN 5m AS IMPORTANCE LEVEL: 1.
ANNUAL PROBABILITY OF EXCEEDANCE: 1 in 100.
SIGN HEIGHTS GREATER THAN 5m AS IMPORTANCE LEVEL: 2.
ANNUAL PROBABILITY OF EXCEEDANCE: 1 in 500.
TC2.0, Ms=1.0, Ml=1.00. WIND REGION A FOR GENERIC DESIGNS OR WHERE AN ADDRESS IS PROVIDED FOR THE INSTALL LOCATION.
THE SERVICE WIND SPEED FOR ALL SIGNS HAS BEEN CONSIDERED AS 80km/h

STRUCTURAL STEELWORK

1. ALL WORKMANSHIP AND MATERIALS (INCLUDING ERECTION AND FABRICATION) SHALL BE IN ACCORDANCE WITH AS4100
2. ALL STRUCTURAL STEEL SHALL COMPLY WITH THE FOLLOWING AUSTRALIAN STANDARDS IN RESPECT OF GRADE AND CONDITIONS OF SUPPLY UNO:
ROLLED SECTIONS AS/NZS 3679.1 GRADE 300
WELDED SECTIONS AS/NZS 3679.2 GRADE 300
HOLLOW SECTIONS AS/NZS 1163 GRADE C350
3. CONNECTION CLEATS SHALL BE 10mm THK UNO AND EITHER: (UNO)
AS/NZS 3678 GRADE 250 PLATE
AS/NZS 3679.1 GRADE 300 FLAT BAR

STRUCTURAL STEELWORK BOLTING

4. ALL BOLTS, NUTS AND WASHERS TO BE GALVANISED.
5. BOLTS SHALL BE IN ACCORDANCE WITH AS1110, AS1111 AND/OR AS/NZS1252 AS APPROPRIATE
6. BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH CLAUSE 15.2.3 OF AS4100 AND BOLTS REQUIRING TENSIONING (8.8/8T AND 8.8/TF) SHALL BE INSTALLED IN ACCORDANCE WITH CLAUSES 15.2.4 AND 15.2.5 OF AS4100 USING EITHER THE PART-TURN METHOD OR A DIRECT-TENSION INDICATION DEVICE. THE TORQUE CONTROL METHOD SHALL NOT BE USED.
7. ALL BOLT HOLES SHALL BE 2mm LARGER THAN THE NOMINAL BOLT DIAMETER EXCEPT WHERE SLOTTED OR OVERSIZE HOLES ARE SHOWN ON THE STRUCTURAL STEEL DETAILS. ALL HOLES SHALL COMPLY WITH CLAUSE 14.3.5 OF AS4100. PLATE WASHERS SHALL BE PROVIDED WHERE REQUIRED BY CLAUSE 14.3.5.

STRUCTURAL STEELWORK WELDING

8. ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS1554.1.
9. ELECTRODES SHALL BE TO EITHER AS1153, AS1858, AS2203 OR AS2717.
10. ALL FILLET WELDS SHALL BE 6mm CONTINUOUS CATEGORY SP USING E48XX ELECTRODES OR EQUIVALENT. U.N.O.
11. ALL BUTT WELDS SHALL BE FULL PENETRATION CATEGORY SP TO AS1554.1. U.N.O.

STEELWORK FINISH

12. THE FINISH OF THE STEELWORK TO BE TO THE MANUFACTURERS DETAILS TO ACHIEVE THE DESIGN LIFE REQUIRED BY THE CLIENT.

ALUMINIUM

1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS1664 EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
2. ALL WELDING SHALL BE IN ACCORDANCE WITH AS1665-2004.
3. UNLESS NOTED OTHERWISE, ALL FILLET WELDS SHALL BE 4mm CONTINUOUS.
4. REFER TO COMPONENT DETAILS FOR ALUMINIUM ALLOY AND TEMPER WHERE NOT SPECIFIED 6063-T5 HAS BEEN ASSUMED FOR EXTRUSIONS AND 5083-H116 FOR FLAT/PLATE.
5. ALUMINIUM IS TO BE SEPARATED FROM CONCRETE/TIMBER AND OTHER POROUS MATERIALS TO PREVENT DIRECT CONTACT WITH AN INERT LAYER SUCH AS PLASTIC, PAINT, END PLUGS ETC TO THE MANUFACTURERS DETAILS.

PROPRIETY ITEMS

1. PROPRIETY ITEMS SHALL BE INSTALLED STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATION U.N.O.
2. FRANGIBILITY PERFORMANCE OF SIGNS WHERE REQUIRED IS TO BE ACHIEVED USING PROPRIETY PRODUCTS APPROVED BY THE RELEVANT AUTHORITY AND IS EXCLUDED FROM OUR DESIGN AND CERTIFICATION WHICH IS LIMITED TO WIND AND SELF WEIGHT ONLY.

CONCRETE

1. CONCRETE SHALL BE IN ACCORDANCE WITH AS3600 & AS1379 EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS.
2. ADMIXTURES SHALL NOT BE USED U.N.O. OR APPROVED IN WRITING.
3. NO HOLES, CHASES OR EMBEDMENT OF PIPES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE MADE IN CONCRETE MEMBERS WITHOUT THE PRIOR WRITTEN APPROVAL OF THE ENGINEER.
4. ALL CONCRETE SHALL BE COMPACTED WITH MECHANICAL VIBRATORS.
5. THE FINISHED CONCRETE SHALL BE A DENSE HOMOGENEOUS MASS, COMPLETELY FILLING THE FORMWORK THOROUGHLY EMBEDDING THE REINFORCEMENT AND FREE OF STONE POCKETS ETC.
6. CURING OF ALL CONCRETE SHALL BE ACHIEVED BY KEEPING SURFACES COMPLETELY WET FOR A PERIOD OF 5 DAYS FOLLOWED BY A GRADUAL DRYING OUT. MINIMUM CURING TIME PRIOR TO LOADING FOOTINGS SHALL BE 72 HOURS.
7. REINFORCEMENT IS REPRESENTED DIAGRAMMATICALLY AND NOT NECESSARILY IN TRUE PROJECTION.
8. ALL REINFORCEMENTS SHALL BE FIRMLY SECURED
9. ALL REINFORCEMENT SHALL BE AS FOLLOWS TO AS4671
N GRADE 500 NORMAL DUCTILITY DEFORMED BAR.
R GRADE 250 NORMAL DUCTILITY PLAIN ROUND BAR.
10. SITE BENDING OF DEFORMED REINFORCING BARS SHALL BE DONE WITHOUT HEATING USING MECHANICAL BENDING TOOLS.
11. WELDING OF REINFORCEMENT SHALL NOT BE PERMITTED UNLESS SHOWN ON THE STRUCTURAL DRAWINGS OR APPROVED BY THE ENGINEER.
12. MIN CONCRETE QUALITY SHALL BE AS FOLLOWS UNO

ELEMENT	CONCRETE QUALITY					
	F _c AT 28 DAYS (MPa)	SLUMP (mm)	MAX AGGREG. (mm)	COVER (mm)		
				INTERNAL	EXTERNAL	GROUND
PIERS & PADS	32	120	20	-	-	65

FOUNDATIONS

1. HAVE BEEN DESIGNED WITH THE FOLLOWING ALLOWABLE BEARING CAPACITIES (UNO) AND ARE TO BE ASSESSED BY THE INSTALLER ON SITE.
1.1. PAD FOOTINGS 50kPa.
1.2. PIERED FOOTINGS 100kPa.
2. THESE ARE APPROXIMATE DESCRIPTIONS OF SOIL ALLOWABLE BEARING CAPACITIES:
2.1. 50kPa IS LOOSE SAND AND IS DESCRIBED AS DEPOSITS READILY REMOVABLE BY SHOVELING ONLY AND INTO WHICH ARE SHARP POINTED WOODEN POST 50mm SQUARE CAN EASILY BE DRIVEN WITH A HAMMER NOT EXCEEDING 5kg
2.2. 100 kPa IS MEDIUM DENSE SAND OR GRAVEL DEPOSITS REMOVABLE BY VIGOROUS SHOVELING AND INTO WHICH A SHARP POINTED WOODEN POST 50mm SQUARE CAN EASILY BE DRIVEN WITH A HAMMER NOT EXCEEDING 5kg.
2.3. 100 kPa IS FIRM CLAY WHICH MAY WITH MODERATE EFFORT BE PENETRATED TO A DEPTH OF 50mm BY THE THUMB.
2.4. AS A FURTHER ASSESSMENT AN 80kg PERSON WITH THEIR LOAD SPREAD OVER A 10cmx10cm BOARD WILL EXERT A PRESSURE OF 80kPa.
3. FOOTINGS SHALL BE CONSTRUCTED AND BACKFILLED AS SOON AS POSSIBLE FOLLOWING EXCAVATION. EXCAVATIONS SHALL BE KEPT FREE OF PONDED WATER.
4. LOCATE AND PROTECT ALL SERVICES PRIOR TO EXCAVATION.
5. INSTALLER TO ASSESS POTENTIAL UNDERMINING OF EXISTING STRUCTURES IF FOOTING OF EXISTING STRUCTURE IS WITHIN 3 METRES OF NEW FOOTING.
6. BATTER EXCAVATION BACK TO ADJACENT SLOPE AT 1:4 GRADE AS REQUIRED.

EPOXY ANCHORS

1. ALL EPOXY ANCHORS ARE TO BE HOT DIP GALVANISED UNO
2. THREADED ROD IS TO BE MIN GRADE 4.6 TYPICALLY AND MIN GRADE 5.8 FOR HEAVY DUTY APPLICATIONS UNO.
3. USE STANDARD EMBEDMENT DEPTHS AS FOLLOWS UNO

SIZE	M8	M10	M12	M16	M20	M24
DEPTH	80	90	110	125	170	210
5. CORE DRILLED AND/OR WET HOLES REQUIRE HEAVY DUTY EPOXY
6. EPOXY SHALL BE AS FOLLOWS INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS:
6.1. STANDARD WHERE NOT OTHERWISE SPECIFIED:
HILTI HY-200
RAMSET CHEMSET 101 PLUS
POWERS KF2 OR AC100a
6.2. HEAVY DUTY:
HILTI HVU
RAMSET RED 502
POWERS FF PRO
6.3. BRICKWORK OR HOLLOW BLOCKWORK SUBSTRATE:
HILTI HY-110
RAMSET CHEMSET 101 PLUS
POWERS KF2 OR AC100a
7. CONCRETE SHALL BE CURED FOR AT LEAST 21 DAYS PRIOR TO INSTALLING EPOXY ANCHORS.
8. EPOXY ANCHORS INSTALLED INTO CONCRETE LESS THAN 21 DAYS OLD SHALL BE RAMSET CHEMSET RED502 REGARDLESS OF WHETHER ANOTHER PRODUCT HAS BEEN SPECIFIED AND THE CONCRETE SHALL HAVE ACHIEVED A MIN STRENGTH OF 25MPa WHICH CAN BE ACHIEVED USING M40 CONCRETE CURED FOR AT LEAST 7 DAYS.

Brandon Prentice
MEMBER OF THE NER
QLD (13209) NT (230827ES)
VIC (ED4579Z) TAS (CD7429)
NEW, SA & WA - N/A
Signed: *B. Prentice*
Registered on the NER in the areas of
practice of Structural Engineering



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ENGINEERING

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ABN 49 613 740 668

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