



Department of Housing and Public Works
**Form 15—Compliance certificate
for building design or
specification**

Version 4 . July 2017

NOTE: This is to be used for the purposes of section 10 of the *Building Act 1975* and/or section 46 of the *Building Regulation 2006*.

RESTRICTION: A building certifier (class B) can only give a compliance certificate about whether building work complies with the BCA or a provision of the Queensland Development Code (QDC). A building certifier (Class B) can not give a certificate regarding QDC boundary clearance and site cover provisions.

1. Property description

This section need only be completed if details of street address and property description are applicable.

E.g. in the case of (standard/generic) pool design/shell manufacture and/or patio and carport systems this section may not be applicable.

The description must identify all land the subject of the application.

The lot and plan details (e.g. SP/RP) are shown on title documents or a rates notice.

If the plan is not registered by title, provide previous lot and plan details.

Street address (include no., street, suburb/locality and postcode)

Chellikee Street

Kowanyama, QLD

Postcode 4892

Lot and plan details (attach list if necessary)

In which local government area is the land situated?

Kowanyama Aboriginal Shire Council

2. Description of component/s certified

Clearly describe the extent of work covered by this certificate, e.g. all structural aspects of the steel roof beams.

We hereby certify that the structural details of the following elements of the proposed building work have been designed in this office:

- ◆ Custom 1D2A restroom.

If completed in accordance with the relevant plans and notations and in accordance with the design conditions identified herein, these aspects of the building work should be structurally sound.

Design Notations:

- ◆ C2 equivalent design wind classification – 61 m/s ULS design wind speed;
- ◆ Soil conditions as per client request. No soil report provided at design stage. Soil conditions to be confirmed onsite by others. Design assumptions as follows:
 - Class "M" soil class or better;
 - Min. 200kpa soil bearing capacity for pier footings;
 - Min. 100 kPa soil bearing capacity at natural ground level;
 - Min. 15 kPa allowable skin friction.

3. Basis of certification

Detail the basis for giving the certificate and the extent to which tests, specifications, rules, standards, codes of practice and other publications, were relied upon.

This structural certification is based on the following current conditions.

- ◆ AS 1170.0 – 2002 Structural Design Actions- General principles
- ◆ AS 1170.1 – 2002 Structural Design Actions- Permanent, imposed and other actions
- ◆ AS 1170.2 – 2011 Structural Design Actions Code (Wind Actions)
- ◆ AS 4055 – 2012 Wind Loads For Housing
- ◆ AS 2870 – 2011 Residential Slabs and Footings
- ◆ AS 4100 - 1998 Steel Structures
- ◆ AS 3600 – 2018 Concrete Structures
- ◆ AS 4600 – 2005 Cold Formed Steel Structures
- ◆ Ramset Specifiers Handbook

4. Reference documentation




Clearly identify any relevant documentation, e.g. numbered structural engineering plans.

Attached Outside Products and NJA Consulting drawings as follows, dated 3 August 2020:

- ◆ OP873 BA sheets 1 to 5 and
- ◆ J200016-01 (Rev 1) and J1200016-100 (Rev 1).

LOCAL GOVERNMENT USE ONLY

Date received	Reference Number/s

5. Building certifier reference number	Building certifier reference number <input type="text"/>					
6. Competent person details A competent person for building work, means a person who is assessed by the building certifier for the work as competent to practice in an aspect of the building and specification design, of the building work because of the individual's skill, experience and qualifications in the aspect. The competent person must also be registered or licensed under a law applying in the State to practice the aspect. If no relevant law requires the individual to be licensed or registered to be able to give the help, the certifier must assess the individual as having appropriate experience, qualifications or skills to be able to give the help. If the chief executive issues any guidelines for assessing a competent person, the building certifier must use the guidelines when assessing the person.	Name (in full) <input type="text" value="Martin Illsley"/> Company name (if applicable) <input type="text" value="NJA Consulting Pty Ltd"/> Contact person <input type="text" value="Shane Cummings"/> Phone no. (business hours) <input type="text" value="(07) 3208 4755"/> Mobile no. <input type="text"/> Fax no. <input type="text"/> Email address <input type="text" value="millsley@nja.com.au"/> Postal address <input type="text" value="PO Box 64"/> <input type="text" value="Springwood QLD"/> Postcode: <input type="text" value="4127"/> Licence or registration number (if applicable) <input type="text" value="RPEQ 3303"/>					
7. Signature of competent person This certificate must be signed by the individual assessed by the building certifier as competent.	<table border="1"> <thead> <tr> <th data-bbox="448 927 1078 965">Signature</th> <th data-bbox="1083 927 1514 965">Date</th> </tr> </thead> <tbody> <tr> <td data-bbox="448 972 1078 1341">  for and on behalf of NJA Consulting Pty Ltd Our Ref: Form 15, J200016 Sub Job #16 </td> <td data-bbox="1083 972 1514 1341"> 3 August 2020 </td> </tr> </tbody> </table>		Signature	Date	 for and on behalf of NJA Consulting Pty Ltd Our Ref: Form 15, J200016 Sub Job #16	3 August 2020
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The *Building Act 1975* is administered by the Department of Housing and Public Works

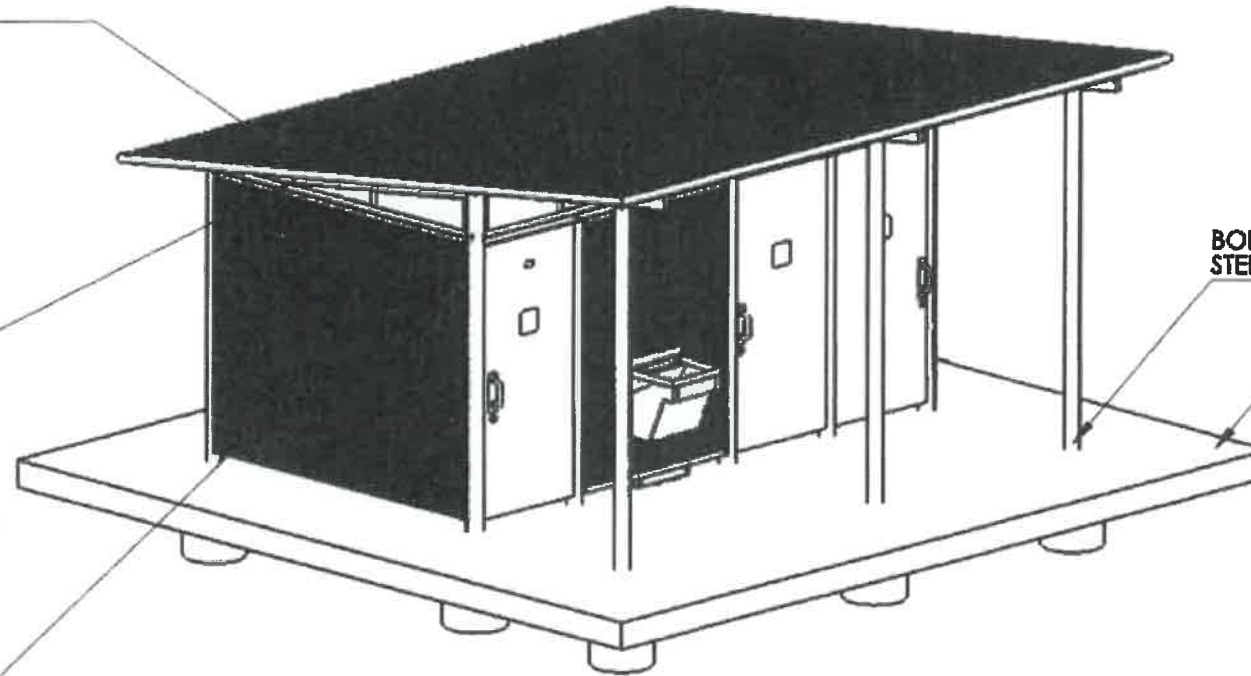
COLORBOND CUSTOM ORB
ROOF SHEETING WITH POLYCARB
OVER EACH CUBICLE

AL PERFORATED SCREENS
SIDE AND FRONT

BOLT DOWN ABOVE SLAB
STEEL POSTS

100MM EDGE THICKENED SLAB

WALL CLADDING = CUSTOM ORB
BOTH INTERNAL AND EXTERNAL



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Consulting Engineers
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**BUILDING TO COMPLY WITH AUSTRALIAN STANDARD
AS 1428.1-2009 'DESIGN FOR ACCESS AND MOBILITY**

DESIGNED FOR

- CLASS 'M' OR BETTER SOIL CLASS
- MINIMUM 100 Kpa SOIL BEARING CAPACITY
- REGION C
- TERRAIN CATEGORY 2


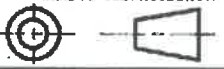
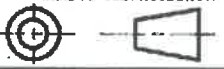
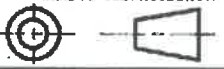
SITE DETAILS:

Kowanyama Aboriginal SC
Chellikee St, Kowanyama, QLD, 4892

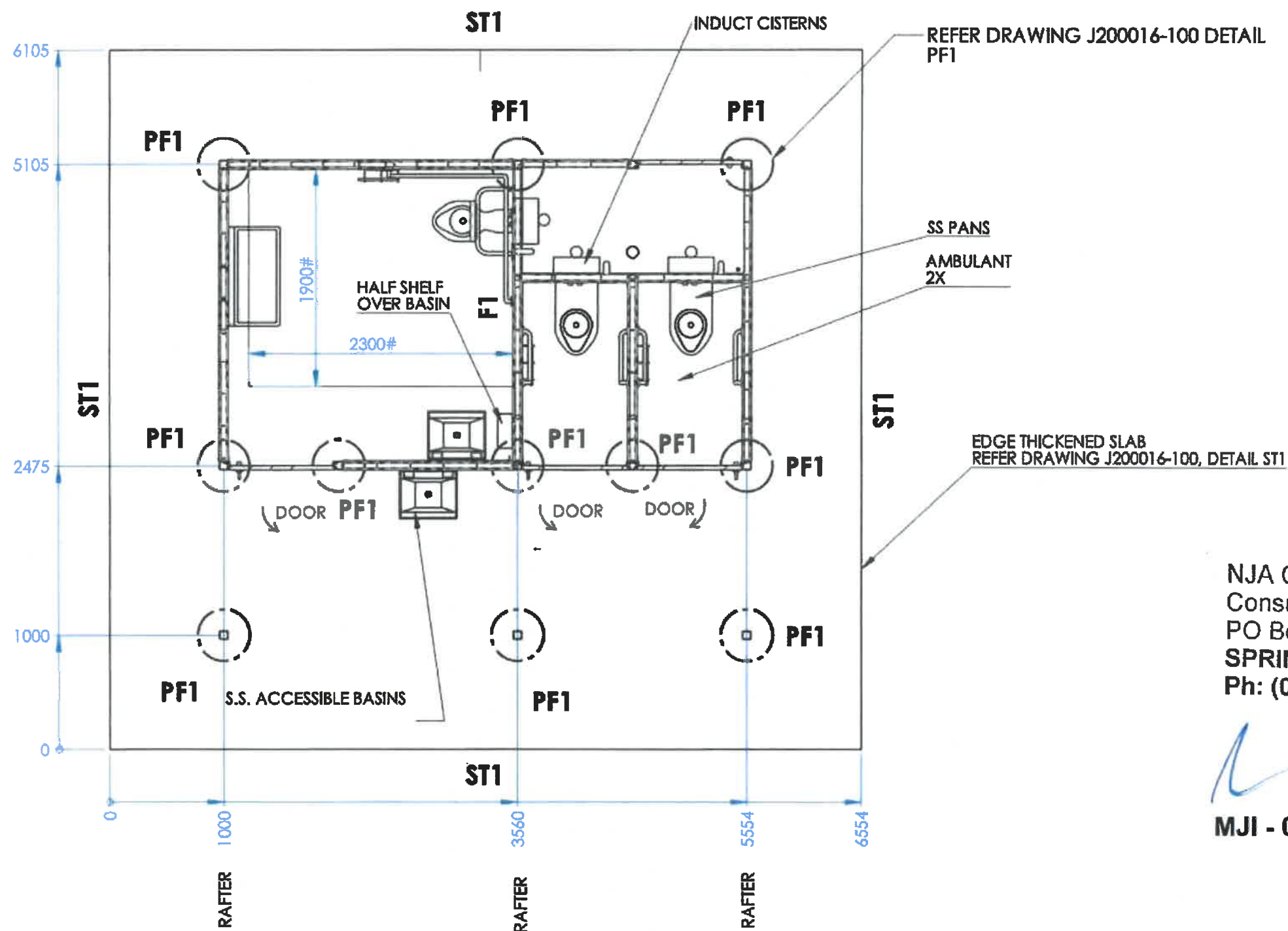
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MJI - 03/08/2020

NOTE: SOIL CONDITIONS AS PER CLIENT REQUEST. NO SOIL REPORT PROVIDED
AT DESIGN STAGE. SOIL CONDITIONS TO BE CONFIRMED ONSITE BY OTHERS.

 <p>sales@outside.net.au mob: 0450131510</p> <p>Outside Products Pty. Ltd ABN 32 117 915 670 P.O Box 7146, Brendale LPO, QLD, Australia</p>					<p>© THIS DESIGN AND DOCUMENT REMAINS THE PROPERTY OF Outside Products Pty. Ltd. UNAUTHORISED USE OF THIS DESIGN AND/OR DOCUMENT IN ANY FORM IS PROHIBITED</p>			<p>TITLE: KOWANYAMA ABORIGINAL SHIRE COUNCIL CUSTOM 1D2A COMPACT RESTROOM 1D2A-COMPACT REST ROOM (BUILDING APPROVAL DRAWING)</p>													
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DISABLED CIRCULATION SPACE **STRIP FOOTING/ PIERS DETAILS**



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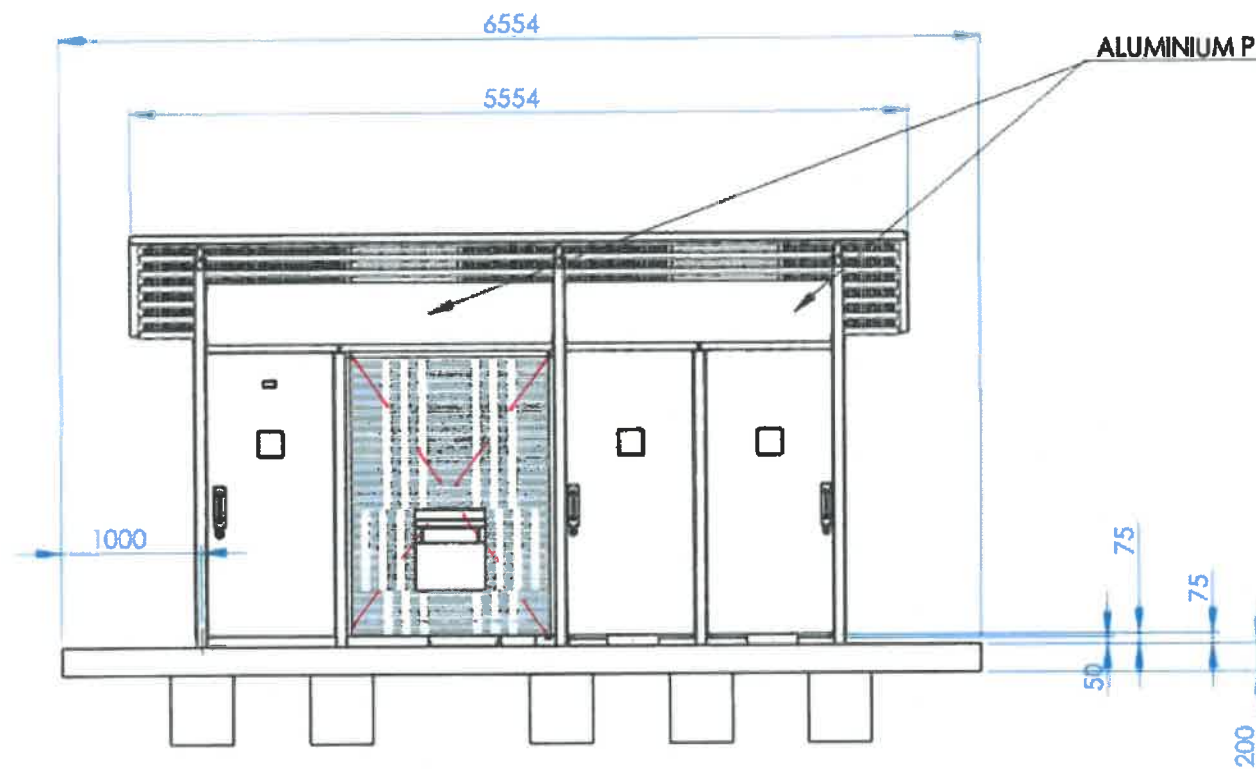


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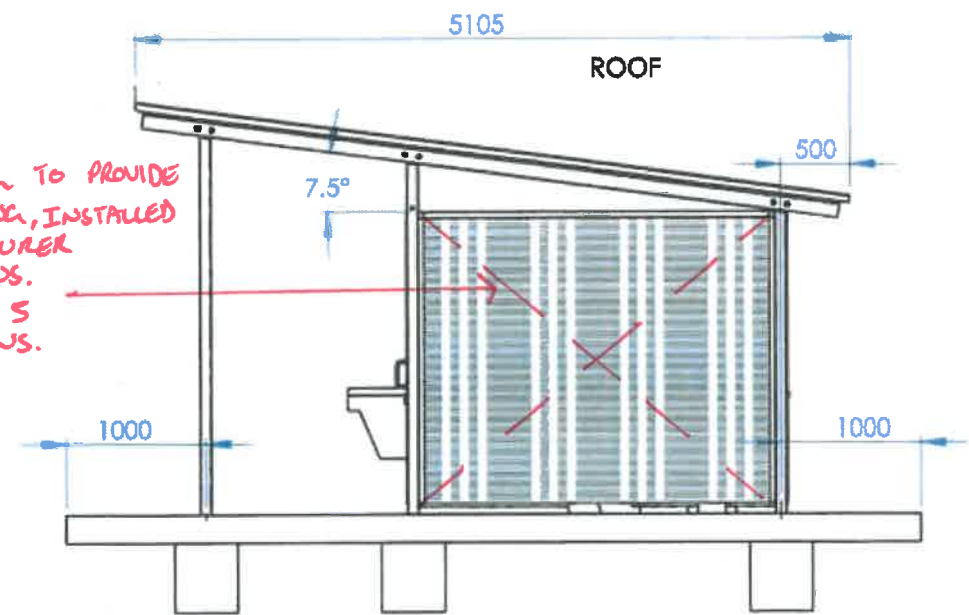
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SCALE: 1:50			
			A3



ALUMINIUM PERFORATED SCREENS

STRAP BRACING TO PROVIDE 6.0KN BRACING, INSTALLED TO MANUFACTURER SPECIFICATIONS. REFER SHEET 5 FOR LOCATIONS.


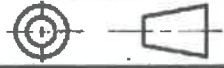


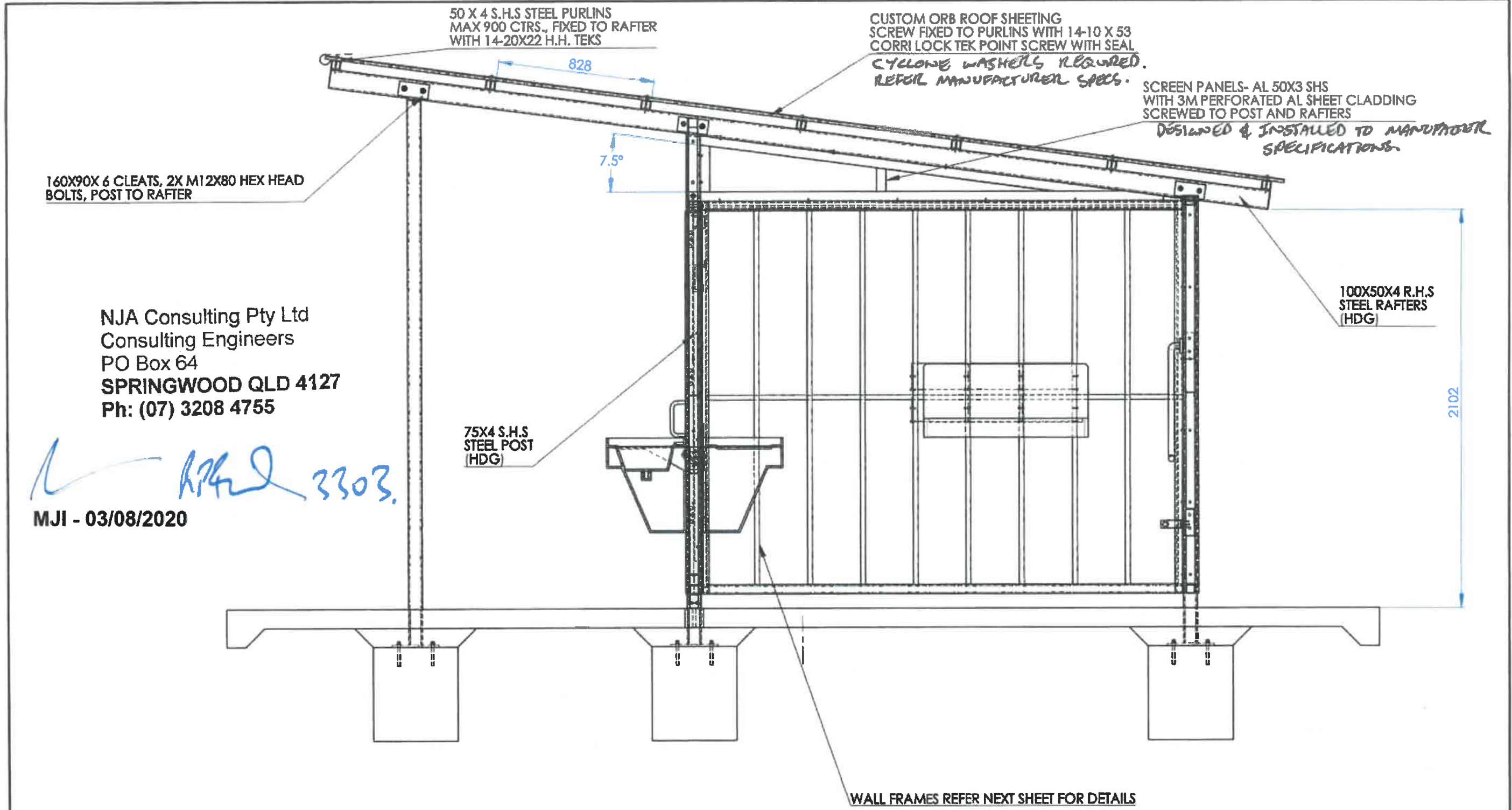
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MJI 2303

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- NOTE:
 1) 75 MM FRONT DOOR CLEARANCE FROM LOWEST POINT OF SLAB
 2) 75MM EXTERNAL WALL CLEARANCE FROM LOWEST POINT OF SLAB
 3) 50 MM INTERNAL WALL CLEARANCE FROM LOWEST POINT OF SLAB

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OUTSIDE
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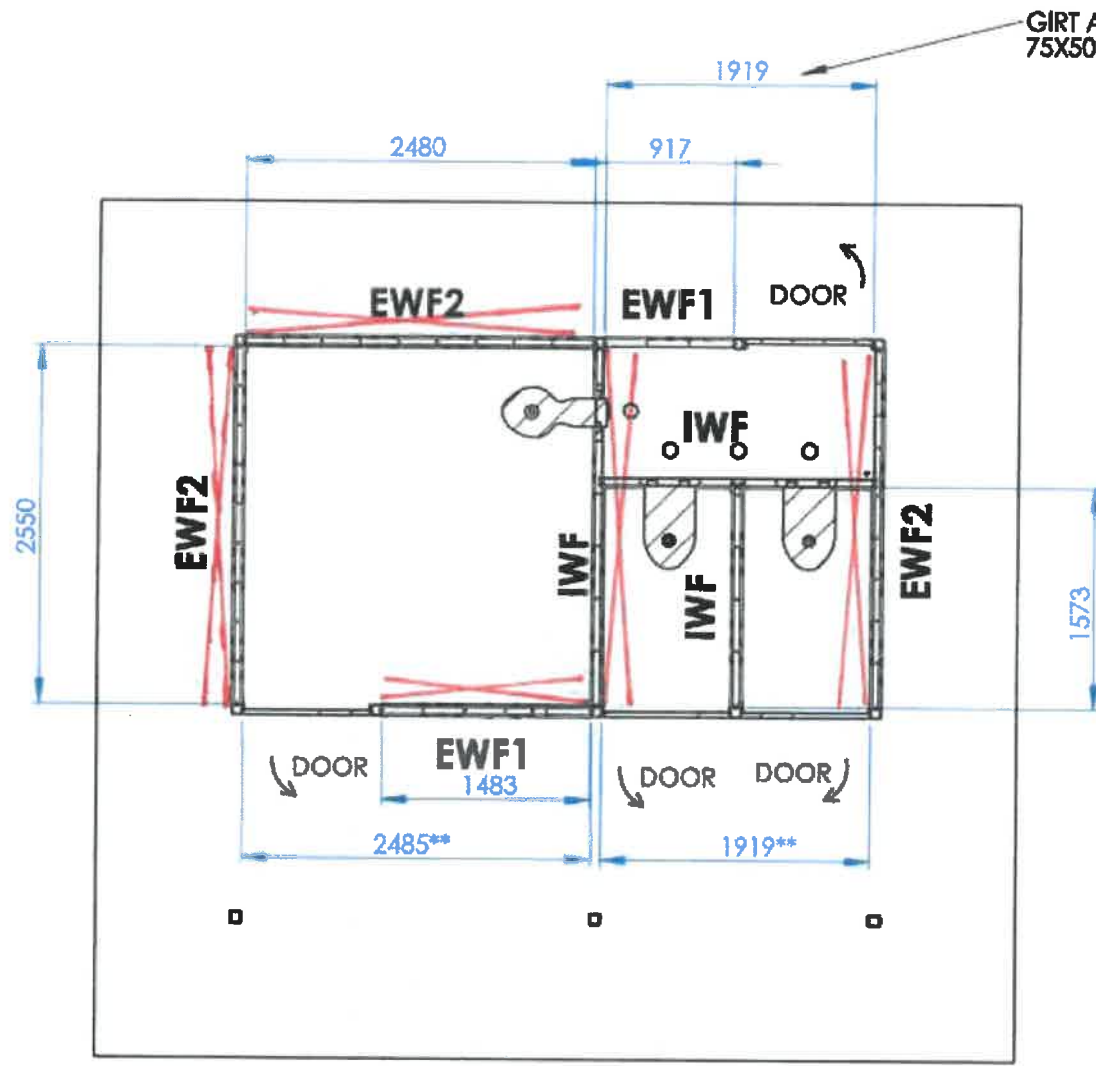
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OWG NO.	OP873 BA	0 REVISION SHEET 4 OF 8
SCALE: 1:20	OP873	A3



GIRT ABOVE DOOR & WALL FRAME
75X50X3 RHS

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[Handwritten Signature]
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EWF1 2025 HIGH
EXTERNAL WALL FRAME:
STUDS = 50X25X1.2 G550 FRAMING CHANNEL (300 MAX CRS)
NOGGINS = 50X25X1.2 G550 FRAMING CHANNEL (1200 MAX.CRS)
TOP PLATE = 50X25X1.2 G550 FRAMING CHANNEL
BOTTOM PLATE = 50X3 SHS

EWF2 2075 HIGH
EXTERNAL WALL FRAMES:
STUDS = 50X25X1.2 G550 FRAMING CHANNEL (300 MAX CRS)
NOGGINS = 50X25X1.2 G550 FRAMING CHANNEL (1200 MAX.CRS)
TOP & BOTTOM PLATES = 50X4 SHS

IWF, 2100 AND 2333 HIGH
INTERNAL WALL FRAMES:50X25X1.2 G550 FRAMING CHANNEL (450 MAX CRS)
NOGGINS = 50X25X1.2 G550 FRAMING CHANNEL (1200 MAX.CRS)
TOP AND BOTTOM PLATES = 50X25X1.2 G550 FRAMING CHANNEL

** GIRT ABOVE DOOR & WALL FRAME
50X3 SHS

75 = EXTERNAL WALL CLEARANCE FROM LOWEST POINT OF SLAB
50 = INTERNAL WALL CLEARANCE FROM LOWEST POINT OF SLAB

*STRAP BRACING TO PROVIDE 6-OKN BRACING
INSTALLED TO MANUFACTURER SPECIFICATIONS.
LOCATIONS AS INDICATED.*

*NOTE: WALL FRAMING INSTALLED TO MANUFACTURER SPECS,
SUITABLE FOR C2 WIND CLASS.*

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SLAB AND FOOTINGS

- F1. SLABS AND FOOTINGS HAVE BEEN DESIGNED FOR REACTIVITY CLASSES A,S,M AND H TO AS2870-2011. REFER TO SITE SPECIFIC GEOTECHNICAL INVESTIGATION REPORT.
- F2. ON CLASS 'P' SITES DUE TO UNCONTROLLED FILL OR POOR BEARING CAPACITY, ADDITIONAL PIERS WILL BE REQUIRED. ALL PIERS SHALL BE INSTALLED AT LOCATIONS INDICATED ON THE PLAN AND EXTEND NOT LESS THAN 500mm INTO COMPETENT NATURAL GROUND WITH AN ALLOWABLE BEARING CAPACITY OF 200kPa MIN. UNLESS OTHERWISE NOTED, PROVIDE Ø450 PIERS AT 3000mm MAX CRS UNDER ALL FOOTING BEAMS. EXTEND PAD FOOTINGS AS REQUIRED TO FOUNDING DEPTH.
- F3. ALL VEGETATION, TOPSOIL AND ORGANIC MATTER IS TO BE REMOVED FROM THE SITE. PROOF ROLL THE BASE AND REMOVE SOFT SPOTS. SOFT SPOTS SHALL BE BACKFILLED WITH APPROVED MATERIAL COMPACTED TO NOT LESS THAN 95% STANDARD IN ACCORDANCE WITH AS3798-2007 "GUIDELINES ON EARTHWORKS FOR RESIDENTIAL AND COMMERCIAL DEVELOPMENTS".
- F4. SLAB BEAMS, STRIP FOOTINGS AND PAD FOOTINGS SHALL BE FOUNDED MINIMUM 100mm INTO NATURAL GROUND OR CONTROLLED FILL MATERIAL.
- F5. APPROVED CONTROLLED FILL MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 95% STANDARD. LEVEL 1 COMPACTION CERTIFICATION IN ACCORDANCE WITH AS3798-1998 IS REQUIRED WHEN FOOTINGS ARE TO BE FOUNDED IN FILL DEPTHS EXCEEDING 800mm FOR GRANULAR FILL AND 400mm FOR NON-GRANULAR FILL MATERIAL.
- F6. SLAB PANELS AND SLAB BEAMS HAVE BEEN DESIGNED FOR A MINIMUM ALLOWABLE BEARING CAPACITY OF 50kPa. STRIP AND PAD FOOTINGS HAVE BEEN DESIGNED FOR A MINIMUM ALLOWABLE BEARING CAPACITY OF 100kPa. THE FOUNDATION MATERIAL SHALL BE APPROVED FOR THIS ALLOWABLE BEARING CAPACITY BEFORE PLACING MEMBRANE, REINFORCEMENT OR CONCRETE.
- F7. EXCAVATE FOR FOOTING TO THE NOMINATED SIZE AND DEPTH. FOOTING FOUNDING LEVELS ARE PROVISIONAL SUBJECT TO ACTUAL SITE CONDITIONS AND APPROVAL BY THE GEOTECHNICAL ENGINEER.
- F8. FOOTINGS SHALL BE LOCATED CENTRALLY UNDER WALLS AND COLUMNS UNLESS NOTED OTHERWISE ON THE STRUCTURAL DRAWINGS.
- F9. FOOTINGS SHALL BE CONSTRUCTED AND BACKFILLED AS SOON AS POSSIBLE FOLLOWING EXCAVATION TO AVOID EITHER SOFTENING OF THE FOUNDING MATERIAL OR DRYING OUT BY EXPOSURE.
- F10. FOOTINGS SHALL BE FOUNDED MINIMUM 50mm CLEAR OF ROCK. PROVIDE MINIMUM 50mm THICK SAND BED SEPARATION TO BASE OF FOOTINGS.
- F11. IN ACCORDANCE WITH AS 3727.1 2016 PAVEMENTS, TOOL JOINTS TO SLABS ARE REQUIRED AT MAXIMUM SPACINGS OF 1.5 TIMES THE SLAB WIDTH.

CONCRETE

- C1. ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH THE CURRENT EDITION OF AS3600-2001 INCLUDING AMENDMENTS, EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS. CONSTRUCT IN ACCORDANCE WITH AS2870-1998.
- C2. CONCRETE QUALITY AND CLEAR CONCRETE COVER TO ALL REINFORCEMENT FOR DURABILITY SHALL BE AS FOLLOWS UNLESS SHOWN OTHERWISE.

ELEMENT	EXPOSURE CLASSIFICATION TO AS3600	STRENGTH GRADE (MPa)	SLUMP	MAX AGGREGATE SIZE (mm)	MINIMUM COVER
SLABS	B1	25	80	20	40
STRIP FOOTINGS	A2	25	80	20	60
PAD FOOTINGS	A2	20	80	20	60

- C3. PROVIDE 0.2mm THICK POLYETHYLENE FILM OF MEDIUM IMPACT RESISTANCE UNDER SLAB. LAP 200mm AT JOINTS AND SEAL AT PIPE PENETRATIONS.
- C4. SLAB FABRIC SHALL BE SUPPORTED ON BAR CHAIRS OF SPACINGS OF NOT MORE THAN 800mm IN EACH DIRECTION. SLAB FABRIC SHALL BE LAPPED FOR A DISTANCE OF NOT LESS THAN 2 TRANSVERSE BARS PLUS 25MM.
- C5. TRENCH MESH AND FOOTING CAGES SHALL BE LAPPED FOR A DISTANCE OF NOT LESS THAN 500mm. AT EDGE INTERSECTIONS LAP THE FULL WIDTH, AT "L" INTERSECTIONS LAP THE FULL WIDTH AND PROVIDE ONE N12 CORNER BAR TO OUTER EDGE OF FOOTING REINFORCEMENT WITH EACH LEG 500MM LONG.
- C6. ALL REINFORCING BARS TO BE GRADE D500N TO AS4671-2001 U.N.O. ALL MESH SHALL BE GRADE 500L TO AS4671-2001.
- C7. WHERE NOT SHOWN ON THE STRUCTURAL DRAWINGS CONSTRUCTION JOINTS SHALL BE LOCATED TO THE APPROVAL OF THE STRUCTURAL ENGINEER.
- C8. SERVICE PENETRATIONS ARE PERMITTED THROUGH THE MIDDLE THIRD OF EDGE BEAMS OR STIFFENING BEAMS IN SLABS. IF THE PENETRATION IS BELOW THE MIDDLE THIRD, THE BEAM MUST BE DEEPEMED ACCORDINGLY AND FOR A DISTANCE OF 300mm EACH SIDE OF PIPE. BEAM REINFORCING MUST CONTINUE UNDER PIPE.
- C9. THE STRUCTURAL ENGINEER SHALL BE GIVEN 24 HOURS NOTICE FOR REINFORCEMENT INSPECTION AND CONCRETE SHALL NOT BE DELIVERED UNTIL FINAL APPROVAL HAS BEEN OBTAINED FROM THE STRUCTURAL ENGINEER.
- C10. THE FINISHED CONCRETE SHALL BE A DENSE HOMOGENEOUS MASS, COMPLETELY FILLING THE FORMWORK THOROUGHLY EMBEDDING THE REINFORCEMENT AND FREE OF STONE POCKETS. ALL CONCRETE SHALL BE COMPACTED WITH MECHANICAL VIBRATORS.
- C11. CURING OF ALL CONCRETE IS TO BE ACHIEVED BY KEEPING SURFACES CONTINUOUSLY WET FOR A PERIOD OF 3 DAYS OR BY PREVENTION OF LOSS OF MOISTURE FOR A TOTAL OF 7 DAYS FOLLOWED BY A GRADUAL DURING OUT. APPROVED SPRAY ON CURING COMPOUNDS THAT COMPLY WITH AS3798-1998 MAY BE USED WHERE FLOOR FINISHES WILL NOT BE AFFECTED (REFER MANUFACTURERS SPECIFICATION). POLYTHENE SHEETING OR WET HESSIAN MAY BE USED TO RETAIN CONCRETE MOISTURE WHERE PROTECTED FROM WIND AND TRAFFIC.
- C12. ANY CHANGES TO THESE RECOMMENDATIONS BY PERSONS UNAUTHORISED BY NJA CONSULTING PTY LTD WILL LEGALLY BE INTERPRETED AS THAT PERSON ASSUMING RESPONSIBILITY FOR THE PERFORMANCE OF THE FOOTING SYSTEM.

STRUCTURAL STEEL

- S1. ALL WORKMANSHIP AND MATERIAL SHALL BE IN ACCORDANCE WITH AS4100-1998 EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS. FABRICATION SHALL BE CARRIED OUT IN ACCORDANCE WITH SECTION 14 OF AS4100-1998. ERECTION SHALL BE CARRIED OUT IN ACCORDANCE WITH SECTION 15 OF AS4100-1998.
- S2. UNLESS NOTED OTHERWISE, ALL STEEL SHALL BE OF THE FOLLOWING GRADE IN ACCORDANCE WITH THE FOLLOWING AUSTRALIAN STANDARDS.

TYPE OF STEEL	TYPE OF STEEL
UNIVERSAL BEAMS AND COLUMNS, PARALLEL FLANGE CHANNELS, LARGE ANGLES TO AS/NZS 3679.1-1996	300
WELDED SECTIONS TO AS/NZS 3679.2-1996	300
HOT ROLLED PLATES, FLOOR PLATES AND SLABS TO AS/NZS 3678-1999	250
HOLLOW SECTIONS TO AS1163	C350
COLD FORMED PURLINS AND GIRTS TO AS1397-2001	G450/Z350

- S3. ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS1554.1-2000. ALL FILLET WELDS TO BE 6mm CONTINUOUS SP CATEGORY USING E48XX ELECTRODES OR EQUIVALENT. ALL BUTT WELDS TO BE COMPLETE PENETRATION SP CATEGORY TO AS1554.1-2000.
- S4. WHERE SPECIFIED ALL EXTERNAL STEELWORK IS TO BE HOT DIP GALV. IN ACCORDANCE WITH AS4680-1999. COATING MASS SHALL BE 600g/m2. PROVIDE BREATHER HOLES IN CLOSED SECTIONS. INTERNAL STEELWORK TO BE CLASS 2.5 ABRASIVE BLAST CLEANED AND PRIMED WITH 1 COAT INORGANIC ZINC SILICATE, MINIMUM 65 MICRONS DRY FILM THICKNESS.

ALUMINIUM

- A1. ALL WORKMANSHIP AND MATERIAL SHALL BE IN ACCORDANCE WITH AS1664.1 EXCEPT WHERE VARIED BY THE CONTRACT DOCUMENTS. FABRICATION SHALL BE CARRIED OUT IN ACCORDANCE WITH SECTION 6 OF AS 1884.1.
- A2. ALL ALUMINIUM SHALL BE A MINIMUM OF STRUCTURAL CLASS 6061 T6 U.N.O.
- A3. ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS1685.1 SECTION 7. ALL FILLET WELDS TO BE 6mm CONTINUOUS SP CATEGORY, ALL BUTT WELDS TO BE COMPLETE PENETRATION SP CATEGORY. FILLER WIRE 5356.
- A4. RUBBER WASHERS AND/OR OTHER PROVISIONS TO PROVIDE ADEQUATE ISOLATION BETWEEN DISSIMILAR METALS MUST BE ALLOCATED AT ALL FIXING LOCATIONS AND AT ANY OTHER LOCATIONS WHERE DISSIMILAR METALS ARE IN CONTACT.

BOLTING

- B1. BOLTING CATEGORIES ARE IDENTIFIED ON THE STRUCTURAL DRAWINGS IN THE FOLLOWING MANNER:

BOLTING CATEGORY	COMMENTS
4.6/S	COMMERCIAL BOLTS OF GRADE 4.6 TO AS 1111-2000 SNUG TIGHTENED
8.8/S	HIGH STRENGTH STRUCTURAL BOLTS OF GRADE 8.8 TO AS1252-1996 SNUG TIGHTENED

- B2. ALL BOLTS TO BE HOT DIPPED GALVANISED UNO. BOLT HOLES TO BE DRILLED TO EXACT BOLT SIZE.

MASONRY

- M1. MATERIALS INCLUDING MORTAR, CONCRETE, GROUT SHALL COMPLY WITH SECTION 10 OF AS3700-2011. MASONRY UNITS SHALL COMPLY WITH AS4455-1997. WALL TIES SHALL COMPLY WITH AS2699-2000.
- M2. MASONRY SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 11 OF AS3700-2011.
- M3. MORTAR PROPORTIONS SHALL COMPLY WITH TABLES 5.1 AND 10.1 OF AS3700-2001. MORTAR ADMIXTURES SHALL NOT BE USED WITHOUT THE WRITTEN APPROVAL OF THE STRUCTURAL ENGINEER.
- M4. STRENGTHS OF BRICKS, CLASS OF BLOCKS AND TYPE OF MORTAR SHALL BE AS FOLLOWS:

ELEMENT	MATERIAL	CHARACTERISTIC UNCONFIRMED COMPRESSIVE STRENGTH, F _{uc}	MORTAR CLASSIFICATION TO TABLE OF AS3700
CONCRETE BLOCKS		15	M3

- M5. REINFORCED CONCRETE BLOCKWORK SHALL COMPLY WITH THE FOLLOWING:
 - BLOCKS SHALL BE STRENGTH GRADE 15 CONFORMING TO AS4455-1997.
 - MORTAR SHALL COMPRISE 1 CEMENT: 1 LIME: 6 SAND
 - PROVIDE CLEANOUT HOLES AT BASE OF ALL WALLS AND ROD CORE HOLES TO REMOVE PROTRUDING MORTAR FINIS.
 - CORE FILLING GROUT TO HAVE A CHARACTERISTIC STRENGTH OF 20MPa, 10mm MAXIMUM AGGREGATE, 230mm SLUMP (+30mm) WITH A MINIMUM CEMENT CONTENT OF 300kg/m3
 - PROVIDE 65MM COVER TO REINFORCING BARS FROM THE OUTSIDE FACE OF THE BLOCKWORK TO ALLOW ADEQUATE COVER

STRUCTURAL TIMBER

- T1. ALL DESIGNED AND CONSTRUCTION IN ACCORDANCE WITH AS1720-2010 AND AS1684-2010.
- T2. EXTERNAL TIMBER SHALL BE EITHER HARDWOOD DURABILITY CLASS 1 OR CLASS 2 TO AS1720.2-1990 OR MGP12 T3 GREEN PLUS WITH STANDARD TREATMENT TO HAZARD LEVEL H3 IN ACCORDANCE WITH AS1604-1999 U.N.O. SUPPLEMENTARY TREATMENT SHALL BE APPLIED TO ALL CUT SURFACES. FOR DURABILITY, FINISH WITH PAINT OR STAIN COATING IN ACCORDANCE WITH MANUFACTURER SPECIFICATIONS.
- T3. ALL TIMBER JOINTS AND NOTCHES ARE TO BE 100mm MINIMUM AWAY FROM LOOSE KNOTS, SEVERE SLOPING GRAIN, GUM VEINS OR OTHER MINOR DEFECTS.
- T4. ALL SCREWS SHALL BE HOT DIPPED GALVANISED U.N.O. AND FITTED INTO PILOT HOLES 80% OF SCREW SHANK DIAMETER.
- T5. STRUCTURAL FRAMING NOMINATED IN THE FRAMING SCHEDULE MAY BE SUBSTITUTED WITH STRUCTURALLY EQUIVALENT SECTIONS. PERSONS RESPONSIBLE FOR SPECIFYING ALTERNATIVE FRAMING SHALL BE INTERPRETED AS BEING RESPONSIBLE FOR THE STRUCTURAL ADEQUACY OF THE ALTERNATIVE FRAMING.

REV	DESCRIPTION	DATE	BY	CHKD
1	NOTE CHANGED	01.08.2020	SC	DMcD
0	ORIGINAL ISSUE	22.08.19	SC	DMcD



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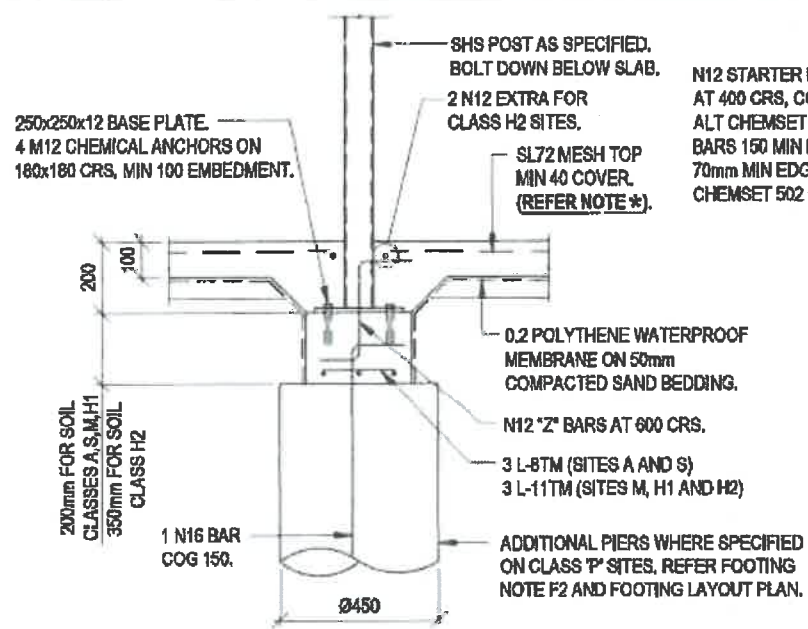
DESIGNED	DATE
SC	8/19
CHECKED	DATE
DMcD	8/19
DRAWN	DATE
SC	8/19

DRAWING TITLE
STANDARD STRUCTURAL NOTES
 PROJECT
KOWAWYAMU ABORIGINAL
SHIRE COUNCIL

CLIENT
OUTSIDE PRODUCTS

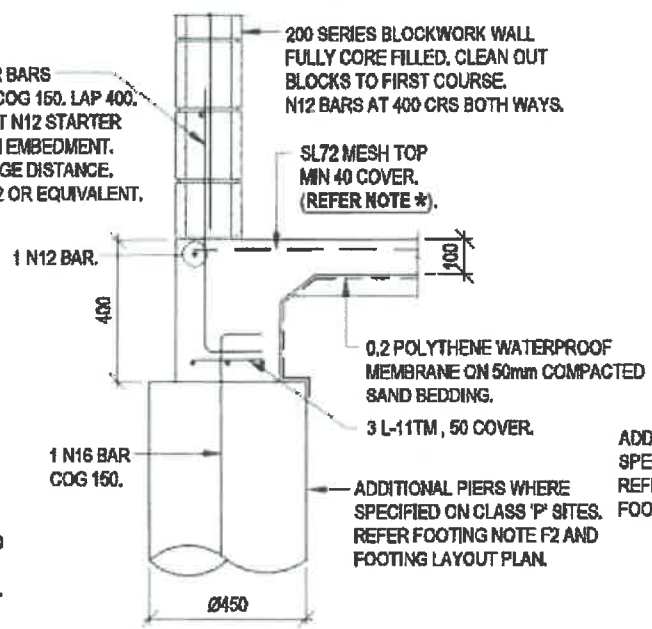
MJI - 03/08/2020
[Signature] 3303

SIZE	SCALE	SHEET
A3	-	of -
DRAWING NUMBER		REV
J200016-01		1



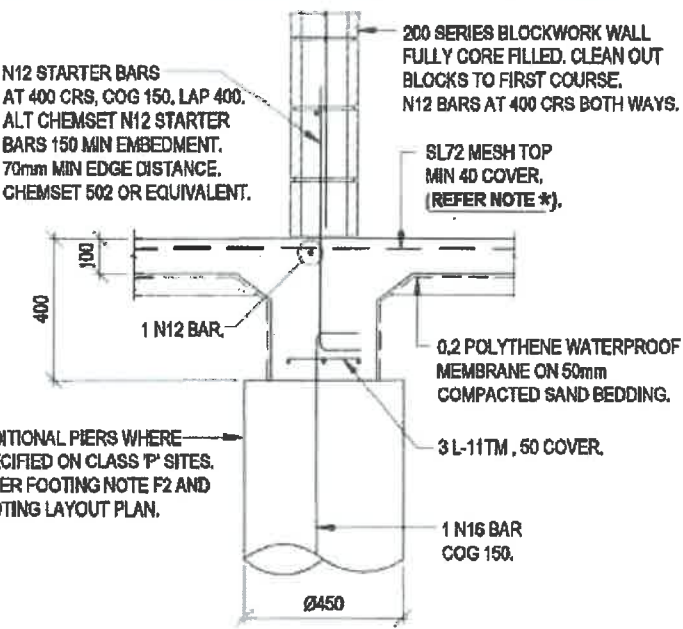
STRIP FOOTING DETAIL (F1)

SCALE 1:20
(SUITABLE FOR SITE CLASSIFICATIONS A, S, M, H1, H2)



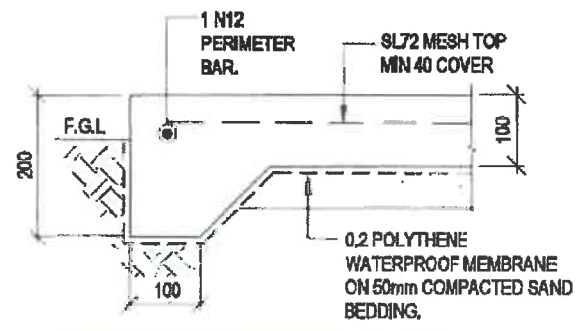
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SCALE 1:20
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STRIP FOOTING DETAIL (F3)

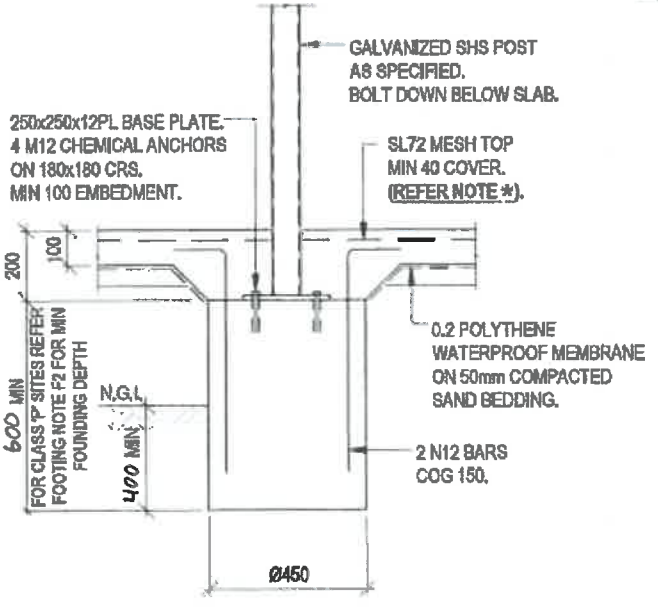
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SLAB EDGE THICKENING DETAIL (ST1)

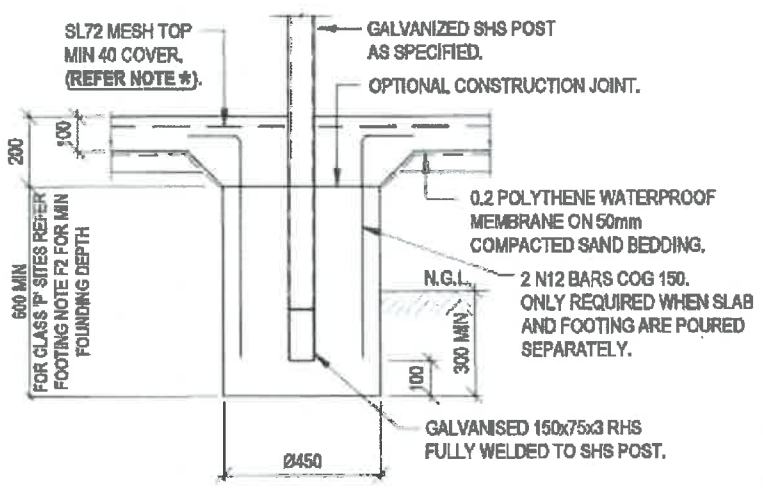
SCALE 1:10
(SUITABLE FOR SITE CLASSIFICATIONS A, S, M, H1, H2)

NOTE *
WHERE SLAB EDGE THICKENING CANNOT BE FOUNDED IN NATURAL MATERIAL DUE TO THE PRESENCE OF FILL OR IF MIN 50kPa SOIL BEARING CAPACITY CANNOT BE ACHIEVED, SLAB MESH SHALL BE INCREASED TO SL92 MESH.



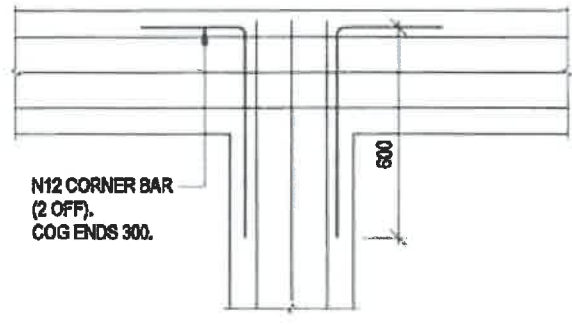
PAD FOOTING DETAIL (PF1)

SCALE 1:20
(SUITABLE FOR SITE CLASSIFICATIONS A, S, M ONLY)



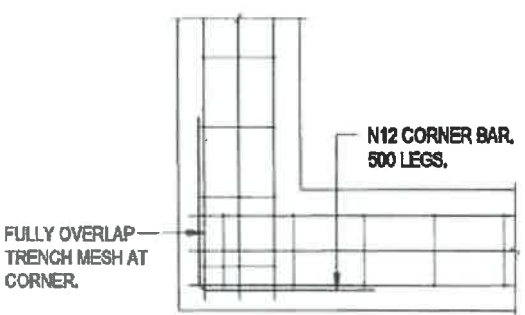
PAD FOOTING DETAIL (PF2)

SCALE 1:10
(SUITABLE FOR SITE CLASSIFICATIONS A, S, M ONLY)



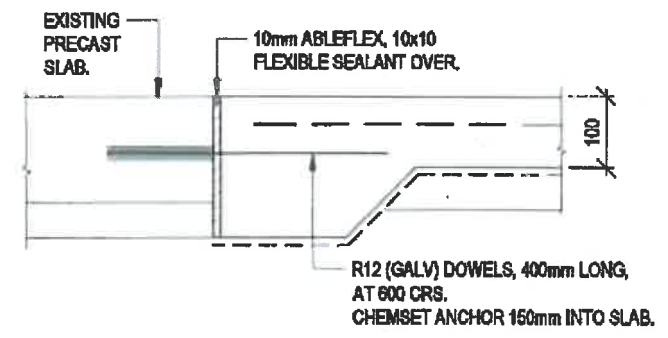
TYPICAL FOOTING INTERSECTION DETAIL (PLAN)

SCALE 1:20



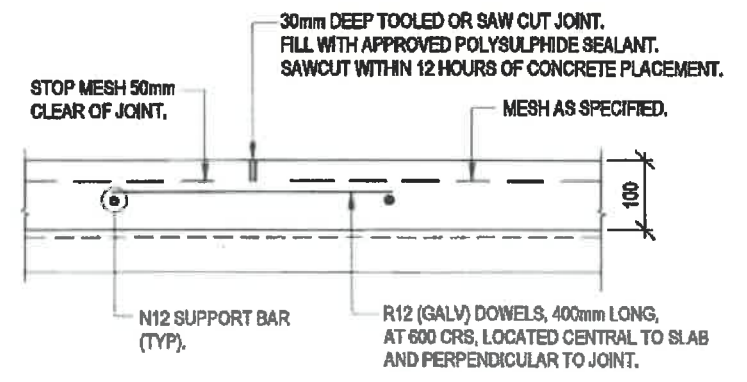
TYPICAL FOOTING CORNER DETAIL (PLAN)

SCALE 1:20



DOWEL JOINT TYPE 1

SCALE 1:10



TOOLED JOINT DETAIL (TJ)

SCALE 1:10
(REFER NOTE F11 FOR MAXIMUM TOOLED JOINT SPACING.)

REV	DESCRIPTION	DATE	BY	CHKD
1	NOTE ADDED	01.06.2020	SC	MI
0	ORIGINAL ISSUE	05.02.2020	SC	MI

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DESIGNED SC 02/20	DATE 02/20	DRAWING TITLE STANDARD FOOTING DETAILS	CLIENT OUTSIDE PRODUCTS	DRAWING NUMBER J200016-100	SHEET - of - 1
CHECKED MI 02/20	DATE 02/20	PROJECT KOWANNYAMA ABORIGINAL SHIRE COUNCIL			
DRAWN MJD 02/20	DATE 02/20				