



SHIRE OF MORAWA

ORDINARY COUNCIL MEETING

ATTACHMENTS

Thursday, 22 June 2023



WESTERN AUSTRALIA'S
WILDFLOWER COUNTRY

Confidential Agenda Attachments

Shire of Morawa

Ordinary Council Meeting

22 June 2023

List of Attachments

11.1 Chief Executive Officer

11.1.4 Proposed Outbuilding – Lot 94 (11) Evans Street, Morawa

Attachment 1 – 11.1.4a Application

Attachment 2 – 11.1.4b Site Plan

Attachment 3 – 11.1.4c Floor Plan and Elevations

11.1.5 CBH Application

Attachment 1 – 11.1.5a Application for Development Approval

Attachment 2 – 11.1.5b Delegated Authority to Lodge Development Applications

Attachment 3 – 11.1.5c Certificate of Title 2754-547 Lot 51 On Deposited Plan 51704

Attachment 4 – 11.1.5d Proposed Industry-Rural Land Use on Lot 51 On Deposited Plan 51704

Attachment 5 – 11.1.5e Proposed Site Plan – Morawa

Attachment 6 – 11.1.5f Sample Hut Elevation Plan - Morawa

Attachment 7 – 11.1.5g Standard Elevation Drawings – Morawa

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Attachment 9 – 11.1.5i Traffic Impact Assessment - Morawa

Attachment 10 – 11.1.5j General Arrangement, Earthworks & Drainage Plan – Morawa

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11.2 Executive Manager Corporate & Community Services

11.2.1 Statement of Financial Activity – May 2023

Attachment 1 – 11.2.1a Monthly Financial Report for the period ending 31 May 2023

Attachment 2 – 11.2.1b Bank Reconciliation for the period ending 31 May 2023

Attachment 3 – 11.2.1c List of Accounts Paid for the period ending 31 May 2023

14 New Business of an Urgent Nature

14.1 Request from Main Roads Western Australia to assess the suitability of sections of Morawa – Heitman Road and Streets Road to modify the Restricted Access Vehicle Network (RAV) rating

Attachment 1 – 14.1 Shire of Morawa RAV Route Road Assessment

Ordinary Council Meeting 22 June 2023

Attachment 1- 11.1.4a Application

Attachment 2- 11.1.4b Site Plan

Attachment 3- 11.1.4c Floor Plan and Elevations

***Item 11.1.4- Proposed Outbuilding – Lot 94 (11)
Evans Street, Morawa***

**SHIRE OF MORAWA**

Phone: (08) 9971 1204

Email: admin@morawa.wa.gov.au

PO Box 14, MORAWA WA 6623

26 Winfield Street, MORAWA WA 6623

8.30am - 4.30pm, Monday to Friday

SHIRE OF MORAWA

Development Approval Application

INFORMATION TO BE PROVIDED:

- ☐ All details within this form are to be completed to avoid a returned or cancelled Application.
- ☐ Plans are to be submitted with this application in accordance with section 5.
- ☐ Payment of an applicable fee is required when submitting the Application.
- ☐ Signatures of both property owner and applicant are required to process the Application.
- ☐ Please complete and submit 'The Essential Documents Checklist' with the Application.

Owner Details		
Name	Darren Pryer	
Postal Address	11 Evans Street Morawa 6623	
Phone Number	Mobile Number	0427199671
Email	Darrenp67@yahoo.com.au	
Signature	<i>[Signature]</i>	
Date	19/05/2023	
Applicant Details		
Name	Norwest Building Group	
Postal Address	279 Place Road, Webberton, WA, 6530	
Phone Number (08) 9964 6911	Mobile Number	
Email	admin@aussiesheds.com.au	
Signature	<i>C Walker</i>	
Date	19/05/2023	
Property Details		
Lot Number	House/Street Number	Location Number
11	11	
Street Name	Evans Street	
Suburb	Morawa	
Nearest Intersection		
*Certificate Of Title Volume/Folio No.	1339/573	Diagram/Plan No. 1339/573
*Title Encumbrances (If Any)		
*Information (including copy of title, volume and folio numbers and encumbrances) can be sourced from Landgate on the following web address- https://www.landgate.wa.gov.au/		
Proposed Development		
Nature of development	<input type="checkbox"/> Works	<input type="checkbox"/> Use <input checked="" type="checkbox"/> Works and Use
Description of proposed works and/or land use		
Estimated cost of proposed development		
Estimated time of completion		
Office Use Only		
Date Received	Document Number	
Fees Paid	Officer	
Receipt Number	Response	
Application Number	Assessment Number	

Essential Documents Checklist		Applicant	Officer
Application			
Required information completed including Owner and Applicant details with signatures		<input type="checkbox"/>	<input type="checkbox"/>
Plans listed are copied at a scale of not less than 1:500		<input type="checkbox"/>	<input type="checkbox"/>
Payment of the applicable fee is made when submitting this application		<input type="checkbox"/>	<input type="checkbox"/>
Site Plan at a scale of not less than 1:500 details			
Street name/s; lot number/s; north point; lot dimensions; location of all existing and proposed structures and environmental features, boundary setback distances to existing and proposed buildings, use of new buildings, existing and proposed access		<input type="checkbox"/>	<input type="checkbox"/>
Location, number, dimensions and layout of car parking spaces, location and dimensions of service areas, landscaping, open storage or trade display areas if applicable		<input type="checkbox"/>	<input type="checkbox"/>
Floor Plan at a scale of not less than 1:500 details			
Dimensions of specific rooms and outdoor living areas identified including vehicle parking under main roof		<input type="checkbox"/>	<input type="checkbox"/>
Elevation Plan at a scale of not less than 1:500 details			
Reference to natural ground level, height of walls, and total height to roof pitch		<input type="checkbox"/>	<input type="checkbox"/>
Details of external wall cladding, colours and materials		<input type="checkbox"/>	<input type="checkbox"/>
Stormwater Drainage Plans			
Include method of disposal. Note: Local Government encourages on-site retention methods to reduce the amount of water entering the local drainage network.		<input type="checkbox"/>	<input type="checkbox"/>
Optional Plan		Applicant	Officer
Landscaping Plan			
To include location and area of landscaping to be shown with species and types of plants and their height		<input type="checkbox"/>	<input type="checkbox"/>
Fees			
Description	Estimated Value	Charge	
General Development application	\$50,000 or less	\$147.00	
	\$50,000 or above	0.32% of development cost	
	\$500,000 or above	\$1700 Plus 0.257% for each dollar above \$500,000	
	\$2.5 million or above	\$7161 Plus 0.206% for each dollar above \$2.5 million	
	\$5.0 million or above	\$12,633 Plus 0.123% for each dollar above \$5.0 million	
	\$21.5 million or above	\$34,196 maximum payment	
Change of use of application		\$295.00	
Extractive Industry Application		\$739.00	
Extension of Term of Development Approval		\$147.00	
Amendment to Development Approval		\$295.00	



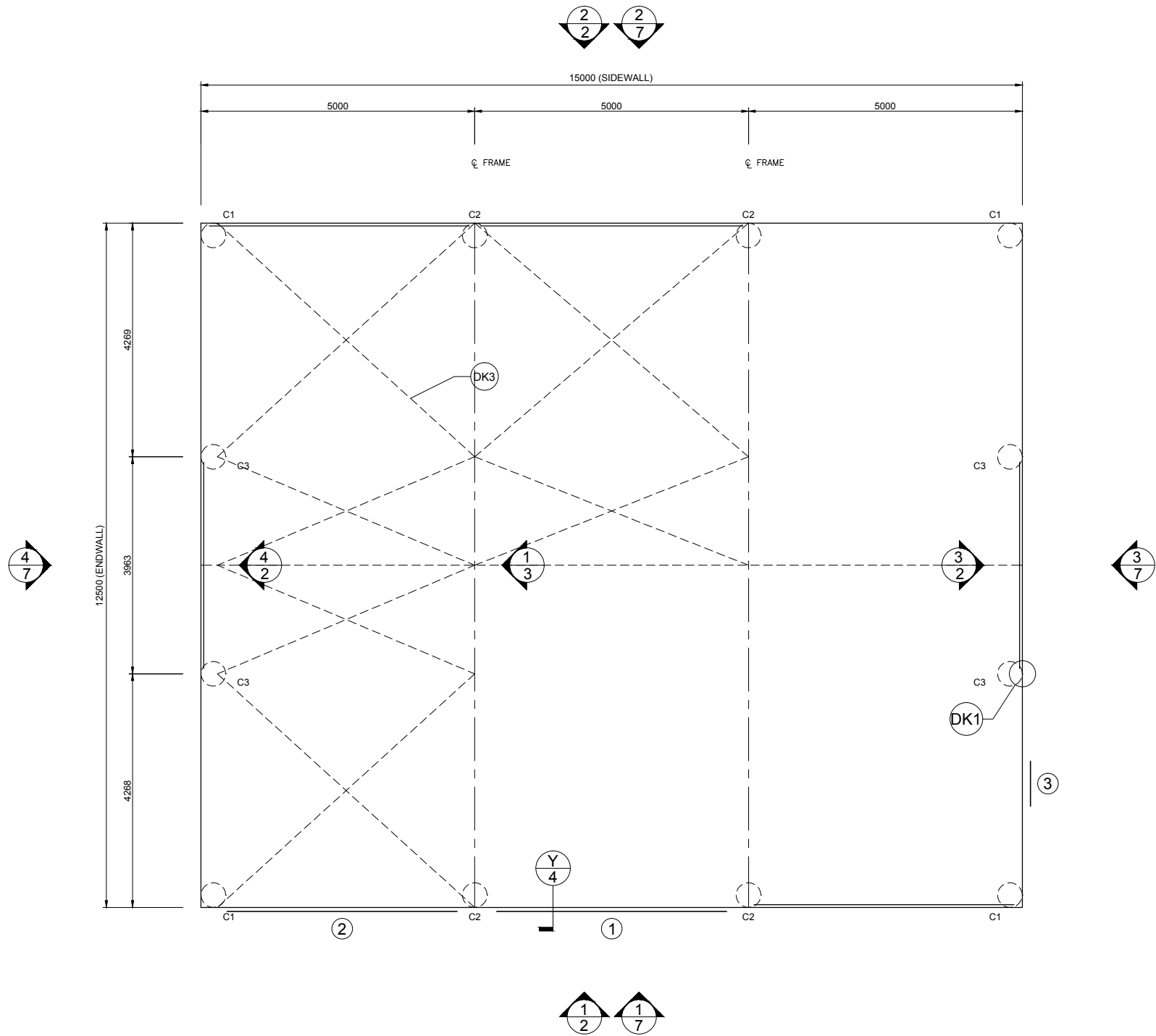
Efficient Ratings W.A.
Creating a Sustainable Future

PROPOSED SHED
LOT 94 (11) EVANS STREET
MORAWA, WA
SITE PLAN

DRAWN	LS	PRINCIPAL	REDUCTION
DESIGNED	LS	LS	0 25
SCALE	1:750	DATE	MAY 2023
ERWA PROJ No.	23069	ERWA Job No.	
			DRAWING No.
			A.01

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IF IN DOUBT, ASK.



1 FOUNDATION PLAN AND MEMBER LAYOUT
SCALE: 1 = 100

MEMBER LEGEND

C1	C20015
C2	2C20019
C3	C20019

ROOF STRAP BRACING TO BE CONNECTED TO THE PURLIN CLOSEST TO THE LINE OF THE END WALL MULLION
ROOF STRAP BRACING CAN BE PLACED FROM EITHER END OF THE BUILDING PROVIDING THE STRAP PATTERN REMAINS AS PER PLANS

1 OF 8

SHEET

JOB NO.
GRLD51982

DATE
14/4/2023

CHECKED
TM

DRAWN
FDS

STEEL BUILDING BY
AUSSIE SHEDS GROUP
(CONTACT)
1300 300 022
DARREN PRYER
11 EVANS STREET
MORAWA

Civil & Structural Engineers
50 Punari Street
Currajong, Qld 4812
Fax: 07 4725 5850
Email: design@nceng.com.au
ABN 341 008 173 56

Registered Chartered Professional Engineer
Registered Professional Engineer (Civil & Structural) QLD
Registered Certifying Engineer (Structural) N.T.
Registered Engineer - (Civil) VIC
Registered Engineer - (Civil) TAS

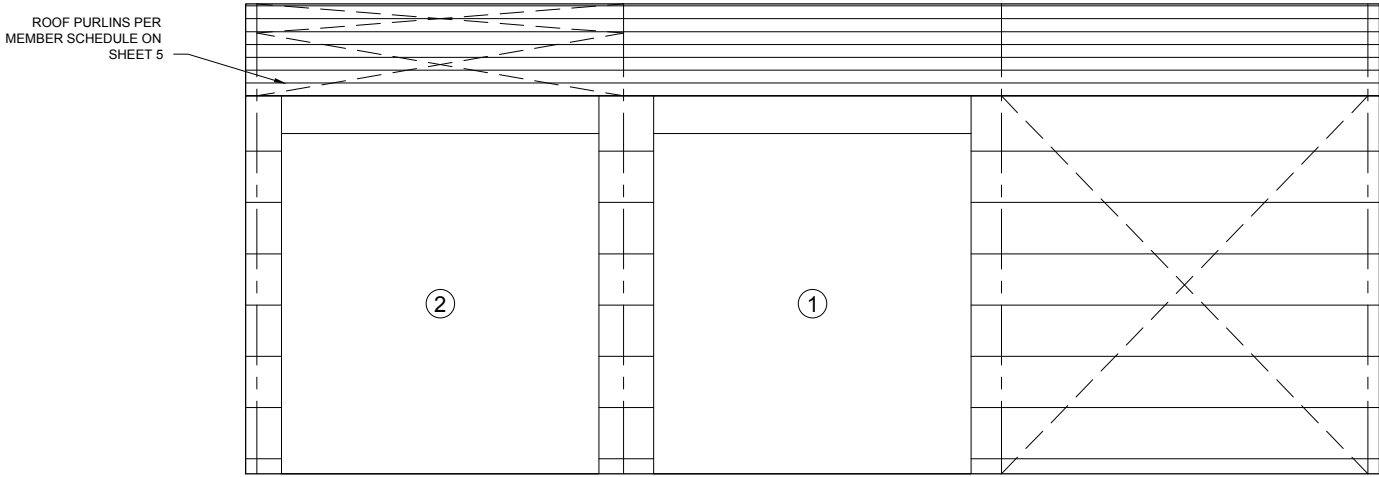
Regn. No. 2558980
Regn. No. 9985
Regn. No. 116373ES
Regn. No. PE0002216
Regn. No. CC5648M

Mr Timothy Roy Messer BE MIEAust RPEQ
Signature
Date 14/4/2023
Registered on the NPER in the areas of practice
of Civil & Structural National Professional
Engineers Register

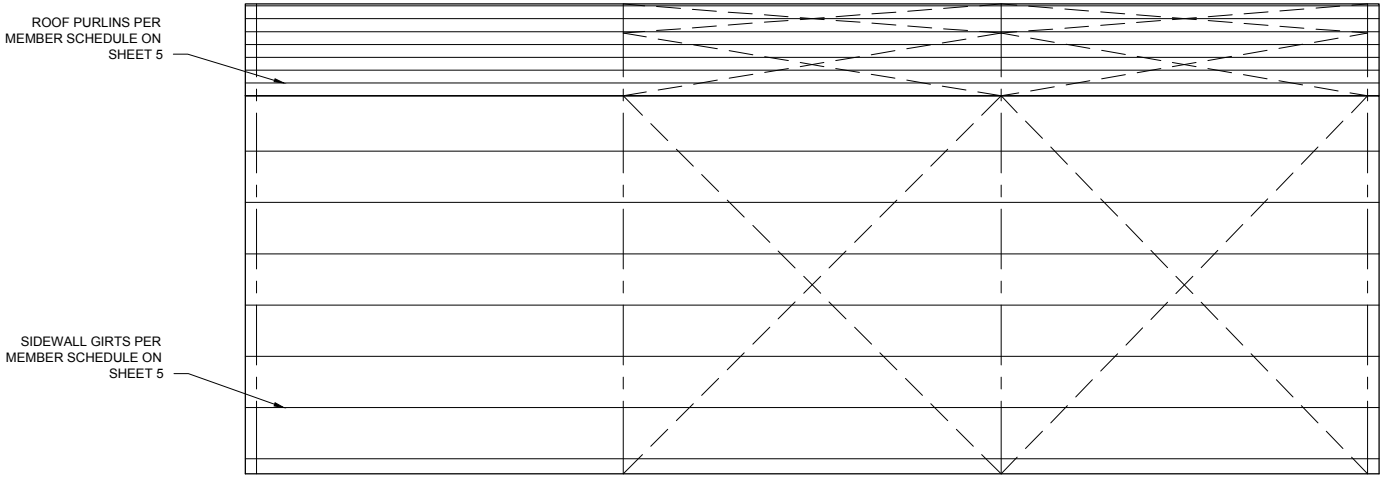
Attachment 3 – 11.1.4c Floor Plan and Elevations
DO NOT SCALE THIS DRAWING. USE FIGURED DIMENSIONS ONLY. ALL DIMENSIONS TO BE VERIFIED ON SITE.

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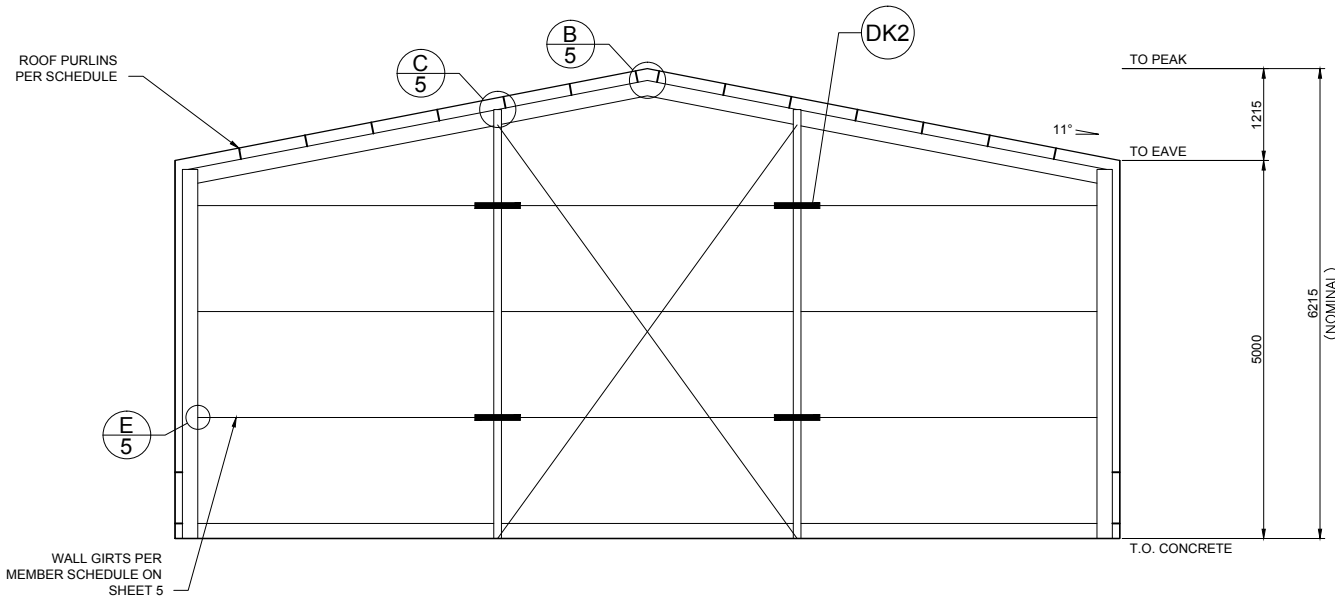
Attachment 3 – 11.14c Floor Plan and Elevations



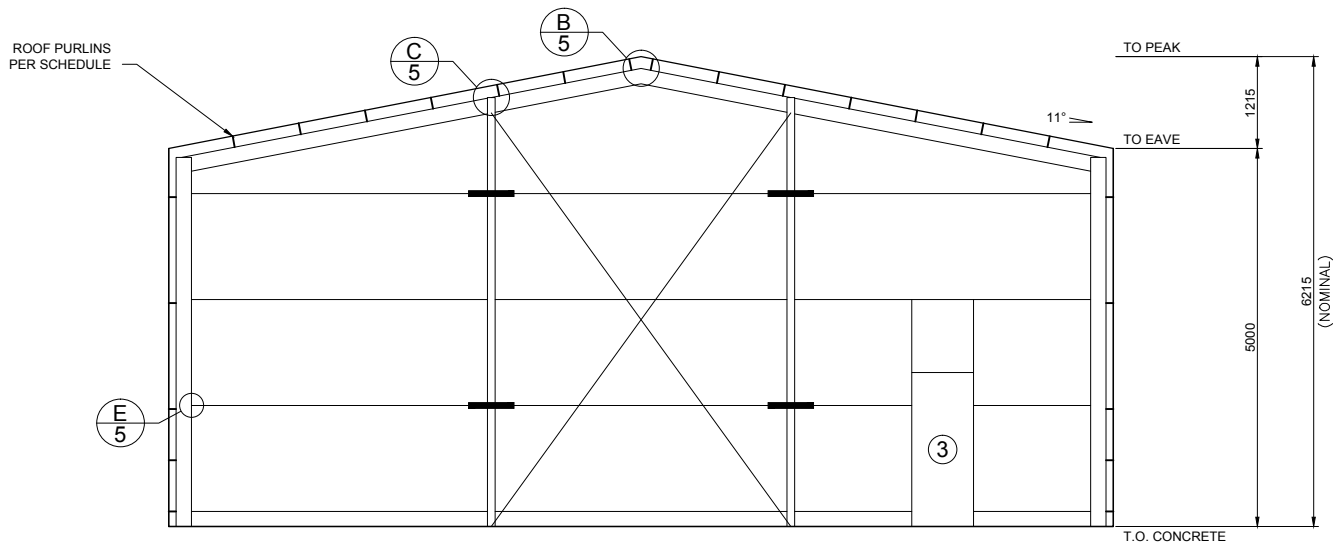
1 SIDEWALL EXTERIOR ELEVATION
2 SCALE: 1 = 100



2 SIDEWALL EXTERIOR ELEVATION
2 SCALE: 1 = 100



4 ENDWALL INTERIOR ELEVATION
2 SCALE: 1 = 100



3 ENDWALL INTERIOR ELEVATION
2 SCALE: 1 = 100

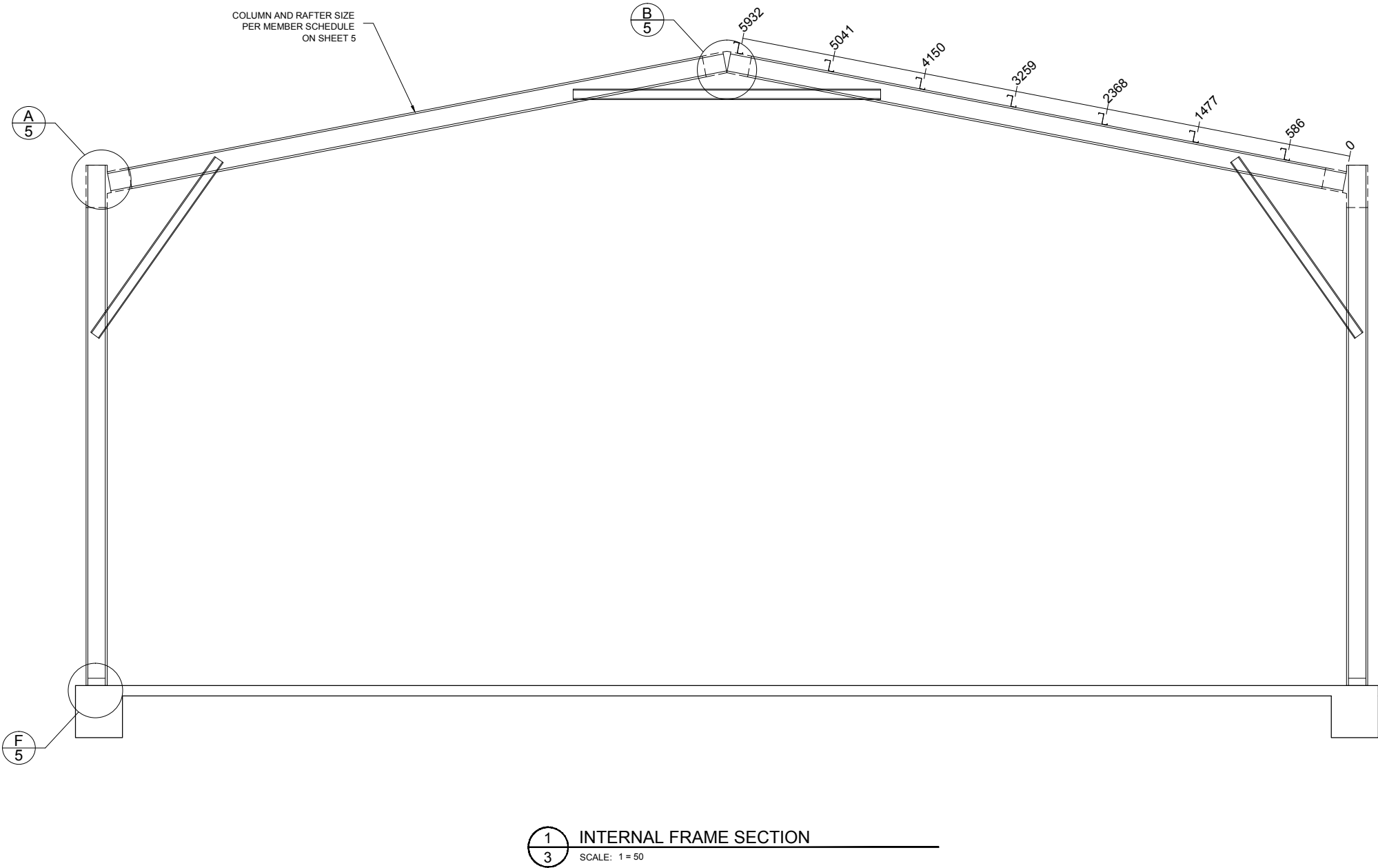
X BRACING IS REQUIRED IN 3 SIDE BAYS, 2 END BAYS, 3 ROOF BAYS.
SEE LAYOUT OR PLANS FOR PLACEMENT. FLY BRACING IS INCLUDED TO BE PLACED ON EVERY SECOND PURLIN AND GIRT ON ENDWALL MULLIONS, INTERNAL COLUMNS AND INTERNAL RAFTERS.

2 OF 8	SHEET	JOB NO. GRLD51982	DATE 14/4/2023	CHECKED TM	DRAWN FDS	STEEL BUILDING BY FOR AT	(CONTACT) AUSSIE SHEDS GROUP 1300 300 022 DARREN PRYER 11 EVANS STREET MORAWA				Civil & Structural Engineers 50 Punari Street Currajong, Qld 4812 Fax: 07 4725 5850 Email: design@nceng.com.au ABN 341 008 173 56	Mr Timothy Roy Messer BE MIEAust RPEQ Signature
		NCC 2019									Registered on the NPER in the areas of practice of Civil & Structural National Professional Engineers Register	





Registered Chartered Professional Engineer
Registered Professional Engineer (Civil & Structural) QLD
Registered Certifying Engineer (Structural) N.T.
Registered Engineer - (Civil) VIC
Registered Engineer - (Civil) TAS

Regn. No. 2558980
Regn. No. 9985
Regn. No. 116373ES
Regn. No. PE0002216
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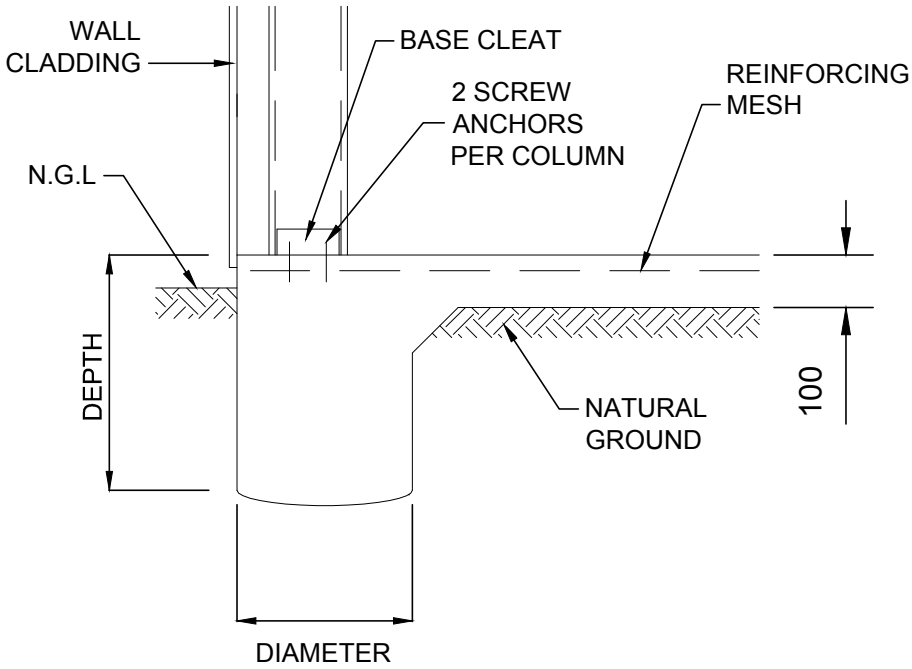
Refer to Sheet #4 for concrete specification.

3 OF 8	SHEET	JOB NO. GRLD51982	DATE 14/4/2023	CHECKED TM	DRAWN FDS	STEEL BUILDING BY AUSSIE SHEDS GROUP (CONTACT) 1300 300 022 DARREN PRYER 11 EVANS STREET MORAWA			 Civil & Structural Engineers 50 Punari Street Currajong, Qld 4812 Fax: 07 4725 5850 Email: design@nceng.com.au ABN 341 008 173 56	Mr Timothy Roy Messer BE MIEAust RPEQ
		NCC 2019				FOR AT				Signature 
										Registered on the NPER in the areas of practice of Civil & Structural National Professional Engineers Register

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STRUCTURAL GENERAL NOTES

1. **GOVERNING CODE** : NATIONAL CONSTRUCTION CODE (NCC), LOADING TO AS1170 - ALL SECTIONS. BUILDING SUITABLE AS EITHER A PRIVATE GARAGE CLASS 10a, OR A FARM SHED (CLASS 7 OR 8), UNLESS OTHERWISE SPECIFICALLY NOTED. FOR USE AS A FARM SHED, IT MUST MEET THE FOLLOWING REQUIREMENTS:
- BE LESS THAN 2000 SQM IN AREA (INCLUSIVE OF ANY MEZZANINE FLOOR AREA).
- MUST BE LOCATED ON A FARM AND USED IN CONNECTION WITH FARMING PURPOSES.
- BUILDING IS NOT TO BE OCCUPIED FREQUENTLY NOR FOR EXTENDED PERIODS BY PEOPLE, WITH A MAXIMUM OF 1 PERSON PER 200 SQM OR 2 PERSONS MAXIMUM IN TOTAL WHICHEVER IS THE LESSER.
2. **DRAWING OWNERSHIP** : THESE DRAWINGS REMAIN THE PROPERTY OF FBHS (AUST) PTY LIMITED. ENGINEERING SIGNATURE AND CERTIFICATION IS ONLY VALID WHEN BUILDING IS SUPPLIED BY A DISTRIBUTOR OF FBHS. DRAWINGS ARE PROVIDED FOR THE DUAL PURPOSE OF OBTAINING BUILDING PERMITS AND AIDING CONSTRUCTION. ANY OTHER USE OR REPRODUCTION IS PROHIBITED WITHOUT WRITTEN APPROVAL FROM FBHS.
3. **DRAWING SIGNATURE REQUIREMENTS** : THESE DRAWINGS ARE NOT VALID UNLESS SIGNED BY THE ENGINEER. THE ENGINEER ACCEPTS NO LIABILITY OR RESPONSIBILITY FOR DRAWINGS WITHOUT A SIGNATURE. EACH TITLE BLOCK CONTAINS A WATER MARK UNDER THE CUSTOMERS NAME CONTAINING THE DATE OF PRODUCTION OF THE DRAWINGS; THE DRAWINGS ARE TO BE SUBMITTED TO COUNCIL WITHIN 21 DAYS OF THIS DATE. THIS IS TO ENSURE THAT ONLY CURRENT DRAWINGS ARE IN CIRCULATION.
4. **CONTRACTOR RESPONSIBILITIES** : CERTIFIER AND CONTRACTOR TO CONFIRM [ON SITE] THAT THE WIND LOADINGS APPLIED TO THIS DESIGN ARE TRUE AND CORRECT FOR THE ADDRESS STATED IN THE TITLE BLOCK. CONTRACTOR SHALL VERIFY AND CONFIRM ALL EXISTING CONDITIONS AND DIMENSIONS. ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES BETWEEN DRAWINGS AND EXISTING CONDITIONS PRIOR TO START OF WORK. CONTRACTOR MUST NOT MAKE ANY DEVIATION FROM THE PROVIDED PLANS WITHOUT FIRST OBTAINING WRITTEN APPROVAL FROM ONE THE UNDERSIGNING ENGINEERS. THE ENGINEER / FBHS TAKE NO RESPONSIBILITY FOR CHANGES MADE WITHOUT WRITTEN APPROVAL. CONTRACTOR IS RESPONSIBLE FOR ENSURING NO PART OF THE STRUCTURE BECOMES OVERSTRESSED DURING CONSTRUCTION. BUILDING IS NOT STRUCTURALLY ADEQUATE UNTIL THE INSTALLATION OF ALL COMPONENTS AND DETAILS SHOWN IS COMPLETED IN ACCORDANCE WITH THESE DRAWINGS. THE INDICATED DRAWING SCALES ARE APPROXIMATE. DO NOT SCALE DRAWINGS FOR CONSTRUCTION PURPOSES. FOR FURTHER DIRECTIONS ON CONSTRUCTION THE CONTRACTOR SHOULD CONSULT THE APPROPRIATE INSTRUCTION MANUAL.
5. **ENGINEERING** : THE ENGINEER / FBHS ARE NOT ACTING AS PROJECT MANAGERS FOR THIS DEVELOPMENT, AND WILL NOT BE PRESENT DURING CONSTRUCTION. THE UNDERSIGNING ENGINEERS HAVE REVIEWED THIS BUILDING FOR CONFORMITY ONLY TO THE STRUCTURAL DESIGN PORTIONS OF THE GOVERNING CODE. THE PROJECT MANAGER IS RESPONSIBLE FOR ADDRESSING ANY OTHER CODE REQUIREMENTS APPLICABLE TO THIS DEVELOPMENT. THESE DOCUMENTS ARE STAMPED ONLY AS TO THE COMPONENTS SUPPLIED BY FBHS. IT IS THE RESPONSIBILITY OF THE PURCHASER TO COORDINATE DRAWINGS PROVIDED BY FBHS WITH OTHER PLANS AND/OR OTHER COMPONENTS THAT ARE PART OF THE OVERALL PROJECT. IN CASES OF DISCREPANCIES, THE LATEST DRAWINGS PROVIDED BY FBHS SHALL GOVERN. NO ALTERATIONS TO THIS STRUCTURE (INCLUDING REMOVAL OF CLADDING) ARE TO BE UNDERTAKEN WITHOUT THE CONSENT OF THE CERTIFYING ENGINEER. OPENINGS SUCH AS WINDOWS AND DOORS NEED TO BE INSTALLED AS PER THE PRODUCT MANUFACTURER'S INFORMATION/DETAILS.
6. **INSPECTIONS** : NO SPECIAL INSPECTIONS ARE REQUIRED BY THE GOVERNING CODE ON THIS JOB. ANY OTHER INSPECTIONS REQUESTED BY THE LOCAL BUILDING DEPARTMENT SHALL BE CONDUCTED AT THE OWNER'S EXPENSE.
7. **SOIL REQUIREMENTS** : SITE CLASSIFICATION TO BE A, S OR M ONLY. SOIL SAFE BEARING CAPACITY VALUE INDICATED ON DRAWING SHEET 4 OCCURS AT 100mm BELOW FINISH GRADE, EXISTING NATURAL GRADE, OR AT FROST DEPTH SPECIFIED BY LOCAL BUILDING DEPARTMENT, WHICHEVER IS THE LOWEST ELEVATION. REGARDLESS OF DETAIL V ON SHEET 4 THE MINIMUM FOUNDATION DEPTH SHOULD BE 100MM INTO NATURAL GROUND OR BELOW FROST DEPTH SPECIFIED BY LOCAL COUNCIL. ROLLED OR COMPACTED FILL MAY BE USED UNDER SLAB, COMPACTED IN 150mm LAYERS TO A MAXIMUM DEPTH OF 900mm. CONCRETE FOUNDATION EMBEDMENT DEPTHS DO NOT APPLY TO LOCATIONS WHERE ANY UNCOMPACTED FILL OR DISTURBED GROUND EXISTS OR WHERE WALLS OF THE EXCAVATION WILL NOT STAND WITHOUT SUPPLEMENTAL SUPPORT, IN THIS CASE SEEK FURTHER ENGINEERING ADVICE.
8. **CLASS 10a or Class 7 FOOTING DESIGNS**: THE FOUNDATION DOCUMENTED IS ALSO APPROPRIATE FOR CLASS 10a or CLASS 7 BUILDING DESIGNS ON 'M-D', 'H', 'H-D' OR 'E' CLASS SOILS, IF TOTAL SLAB AREA IS UNDER 100m SQUARE AND THE MAXIMUM SLAB DIMENSION (LENGTH AND WIDTH) IS LESS THAN OR EQUAL TO 12m. PLEASE BE AWARE THAT THE SLAB DESIGN FOR H & E CLASS SOILS IN THESE INSTANCES ARE DESIGNED TO EXPERIENCE SOME CRACKING. THIS CRACKING IS NOT CONSIDERED A STRUCTURAL FLAW OR DESIGN ISSUE, AND IS SIMPLY COSMETIC IN NATURE. IF THIS IS A CONCERN TO THE CLIENT IT IS ADVISED THEY DISCUSS OTHER OPTIONS WITH THE RELEVANT DISTRIBUTOR PRIOR TO THE POURING OF THE SLAB.
9. **CONCRETE REQUIREMENTS** : ALL CONCRETE DETAILS AND PLACEMENT SHALL BE PERFORMED IN ACCORDANCE WITH AS2870 AND AS3600. CONCRETE SHALL HAVE A MIN. 28-DAY STRENGTH OF 20MPa FOR EXPOSURE A1 & B1, 25MPa FOR EXPOSURE A2 & B2 AND 32MPa FOR EXPOSURE C, IN ACCORDANCE WITH SECTION 4, AS3600. CEMENT TO BE TYPE A. MAX AGGREGATE SIZE OF 20mm. SLUMP TO BE 80mm +/-15mm. SLABS TO BE CURED FOR 7 DAYS BY WATERING OR COVERING WITH A PLASTIC MEMBRANE, AFTER WHICH CONSTRUCTION CAN BEGIN, DUE CARE GIVEN NOT TO OVER-TIGHTEN HOLD DOWN BOLTS. GIVEN ALLOWABLE SOIL TYPES 1 LAYER OF SL72 REINFORCING MESH IS TO BE INSTALLED ON STANDARD SLABS WITH A MINIMUM 30MM COVER FROM CONCRETE SURFACE. CONCRETE REINFORCING TO CONFORM TO AS 1302, AS1303 & AS 1304. ALL REINFORCING COVER TO BE A MINIMUM OF 30mm.
10. **STRUCTURAL STEEL REQUIREMENTS** : ALL STRUCTURAL STEEL, INCLUDING SHEETING THOUGH EXCLUDING CONCRETE REINFORCING, SHALL CONFORM TO AS 1397 (GAUGE <= 1mm fy = 550MPa, GAUGE > 1mm < 1.5mm fy = 500MPa, GAUGE >= 1.5mm fy = 450MPa). NO WELDING IS TO BE PERFORMED ON THIS BUILDING. ALL STRUCTURAL MEMBERS AND CONNECTIONS DESIGNED TO AS4600. ALL BOLT HOLE DIAMETERS TO STRAMIT GENERAL FINCHINGS.
11. **FOOT TRAFFIC** : FOR ERECTION AND MAINTENANCE PLEASE NOTE THE FOLLOWING DEFINED FOOT TRAFFIC ZONES:
- CORRUGATED: WALK ONLY WITHIN 200MM OF SCREW LINES. FEET SPREAD OVER AT LEAST TWO RIBS.
- MONOCLAD: WALK ONLY IN PANS, OR ON RIBS AT SCREW LINES.



450 x 500

Diameter x Depth (mm)

N.G.L - NATURAL GROUND LINE

Y	BORED LOCAL THICKENING DETAIL	DWG NO. SBOMA
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PROJECT DESIGN CRITERIA

ROOF LIVE LOAD: 0.25 kPa
BASIC WIND SPEED: VR 45 m/s
SITE WIND SPEED: VsitB 37.3 m/s
WIND REGION: Reg A
TOPOGRAPHY FACTOR, Mt: 1
SHIELDING FACTOR, Ms: 1
MAX GROUND SNOW LOAD: N/A
MAX ROOF SNOW LOAD: N/A
SITE ALTITUDE: N/A
TERRAIN CATEGORY: TCat 2.5
SOIL SAFE BEARING CAPACITY: 100 kPa
RETURN PERIOD: 1:500
LIMITING CPI 1: -0.3
LIMITING CPI 2: 0.2
IMPORTANCE LEVEL: 2

Attachment 3 – 11.1.4c Floor Plan and Elevations

DETAIL KEYS

- DK1
- ENDWALL VERTICAL MULLION (SEE DETAIL C/5 FOR TOP CONN. AND F/5 FOR BASE CONN.)
- DK2
- FLYBRACING PER DETAIL L/5
- DK3
- X-BRACING IN ROOF ABOVE (SEE DETAIL M/5)
- DK4
- DOUBLE X-BRACING IN ROOF ABOVE (SEE DETAIL M/5)

SCHEDULE OF OPENINGS

DOOR	OPENING WIDTH	SIZE MAX HEIGHT	OPENING TYPE	HEADER GIRT	OPENING JAMBS	WIND RATED
①	4200	4500*	4.60H X 4.30 CB PLANETARY GEAR *SERIES B	SINGLE	Z25024P	YES
②	4200	4500*	4.60H X 4.30 CB PLANETARY GEAR *SERIES B	SINGLE	Z25024P	YES
③	820	2040	EXTERNAL PA DOOR 180 DEG	SINGLE		NO

NOTES: 1) SEE SHEET 5 FOR DOOR OPENING FRAMING INFORMATION.
2) ALL DOOR SCHEDULE MEASUREMENTS ARE ACTUAL DOOR/WINDOW SIZE NOT OPENING SIZE.

* ROLLER DOOR OPENING HEIGHT DEPENDENT ON FINAL BUILD LOCATION.

4
OF
8

SHEET	JOB NO. GRD51982	DATE 14/4/2023	CHECKED TM	DRAWN FDS
	NCC 2019			

STEEL BUILDING BY
FOR
AT

(CONTACT)
AUSSIE SHEDS GROUP
1300 300 022
DARREN PRYER
11 EVANS STREET
MORAWA



Civil & Structural Engineers
50 Punari Street
Currajong, Qld 4812
Fax: 07 4725 5850
Email: design@nceng.com.au
ABN 341 008 173 56

Registered Chartered Professional Engineer
Registered Professional Engineer (Civil & Structural) QLD
Registered Certifying Engineer (Structural) N.T.
Registered Engineer - (Civil) VIC
Registered Engineer - (Civil) TAS

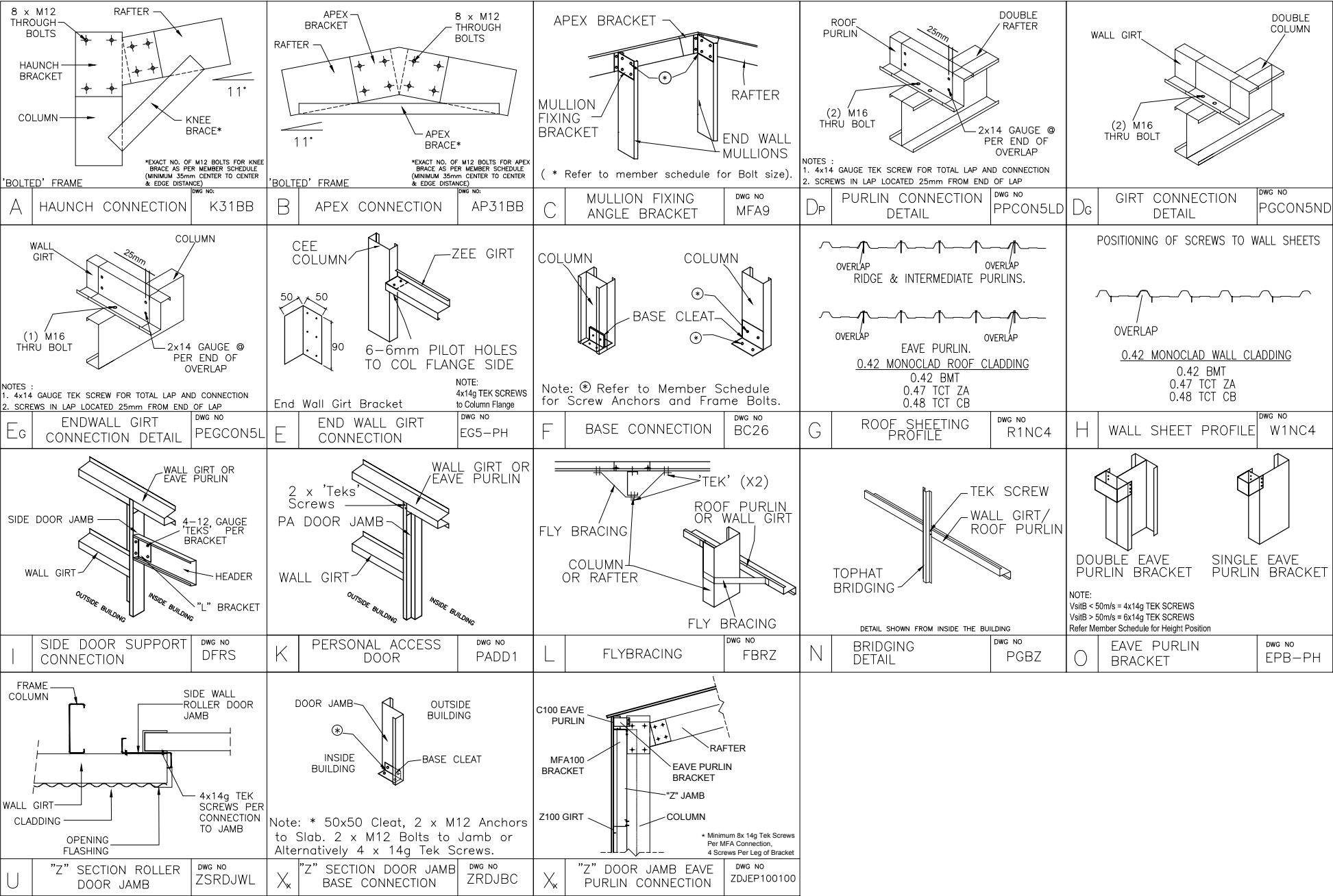
Regn. No. 2558980
Regn. No. 9985
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Regn. No. PE0002216
Regn. No. CC5648M

Mr Timothy Roy Messer BE MIEAust RPEQ

Signature

Date 14/4/2023
Registered on the NPFR in the areas of practice
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MEMBER AND MATERIAL SCHEDULE

1	END WALL RAFTER	Single C20015
2	C.S. FRAME RAFTER	Double C20019
3	END FRAME COLUMN (C1)	Single C20015
4	C.S. FRAME COLUMN (C2)	Double C20019
5	MULLION (C3)	Single C20019
6	DOOR (#1) JAMB	Z25024
7	DOOR (#2) JAMB	Z25024
8	C.S. FRAME KNEE BRACE	Single C15015 @ 2.22 LONG 3 bolts each end
9	KNEE BRACE HEIGHT UP COLUMN	3.33m
10	KNEE BRACE LENGTH UP RAFTER	1.15m
11	C.S. FRAME APEX BRACE	Single C15015 @ 2.95 LONG 4 bolts each end
12	APEX POSITION FROM RAFTER END	1.46m
13	ANCHOR BOLTS (# PER DETS.)	Screw Anchor 16mm x 100 Galv
14	EAVE PURLIN	C10015 (Eave Purlin Bracket 0mm from top of column)
15	TYP. ROOF PURLIN SIZE	Z10010 (1 rows of bridging)
16	MAIN BLDG. PURLIN SPACING	0.891 m. (7 rows) (Max Allow. 0.901m)
17	MAIN BLDG. PURLIN LENGTH	5.5 m. (0.5m Overlap)
18	ROOF PURLIN BRIDGING	Tophat 64 x 0.75
19	TYP. SIDEWALL GIRT SIZE	Z10010 (1 rows of bridging)
20	MAIN BLDG. SIDEWALL GIRT SPACING	0.678 m. (7 rows) (Max Allow. 0.799m)
21	MAIN BLDG. SIDEWALL GIRT LENGTH	5.3 m. (0.3m Overlap)
22	SIDEWALL GIRT BRIDGING	Tophat 64 x 0.75
23	TYP. ENDWALL GIRT SIZE	Z10010
24	MAIN BLDG. ENDWALL GIRT SPACING	1.402 m. (4 rows) (Max Allow. 1.500m)
25	MAIN BLDG. ENDWALL GIRT LENGTH	4.36 m. (0.4m Overlap)
26	FRAME SCREW FASTENERS	14-13x22 Hex C/S (SP HD 5/16" Hex Drive)
27	FRAME BOLT FASTENERS	Purlin Assy M12x30 Z/P
28	PURLIN/GIRT FASTENERS	Purlin Assy M16x30 Z/P
29	X-BRACING STRAP AND FASTENERS	38 x 1.6mm Strap with 5 x 14g Tek Screws Each End
30	WALL COLOUR	CLASSIC_CREAM
31	ROOF COLOUR	CLASSIC_CREAM
32	ROLLER DOOR COLOUR	BASALT
33	P.A. DOOR COLOUR	BASALT
34	DOWNPIPE COLOUR	N/A - downpipes by others
35	CORNER FLASHING COLOUR	BASALT
36	BARGE FLASHING COLOUR	BASALT
37	OPENING FLASHING COLOUR	BASALT
38	OPEN BAY HEADER HEIGHT	0.5

"C.S." = CLEARSPAN "L." = LEFT "R." = RIGHT

Attachment 3 – 11.1.4c Floor Plan and Elevations

5 OF 8

SHEET

JOB NO. GRLD51982

DATE 14/4/2023

CHECKED TM

DRAWN FDS

STEEL BUILDING BY (CONTACT)

AUSSIE SHEDS GROUP

1300 300 022

DARREN PRYER

11 EVANS STREET

MORAWA

FOR AT

Civil & Structural Engineers
50 Punari Street
Currajong, Qld 4812
Fax: 07 4725 5850
Email: design@nceng.com.au
ABN 341 008 173 56

Registered Chartered Professional Engineer
Registered Professional Engineer (Civil & Structural) QLD
Registered Certifying Engineer (Structural) N.T.
Registered Engineer - (Civil) VIC
Registered Engineer - (Civil) TAS

Regn. No. 2558980
Regn. No. 9985
Regn. No. 116373ES
Regn. No. PE0002216
Regn. No. CC5648M

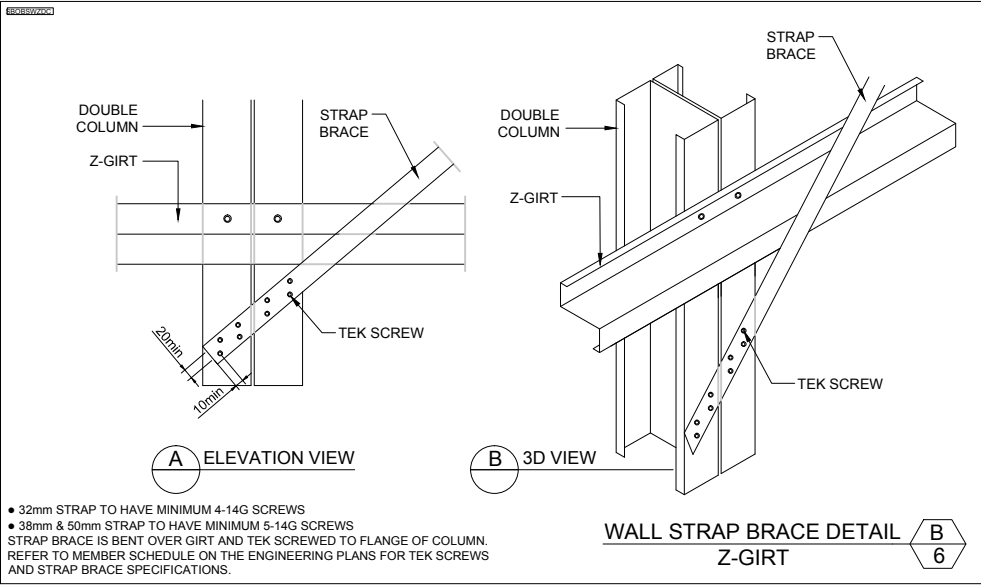
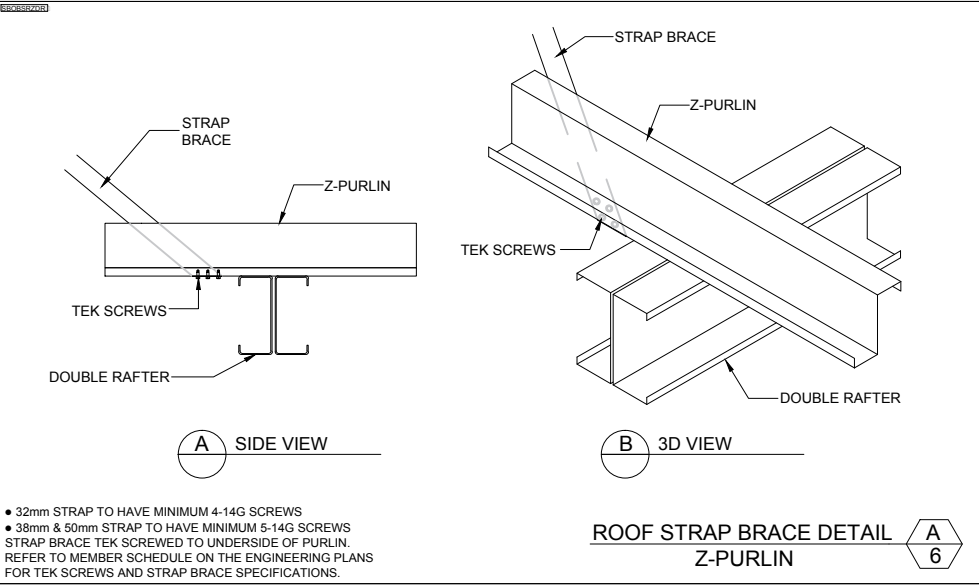
Mr Timothy Roy Messer BE MIEAust RPEQ

Signature

Date 14/4/2023

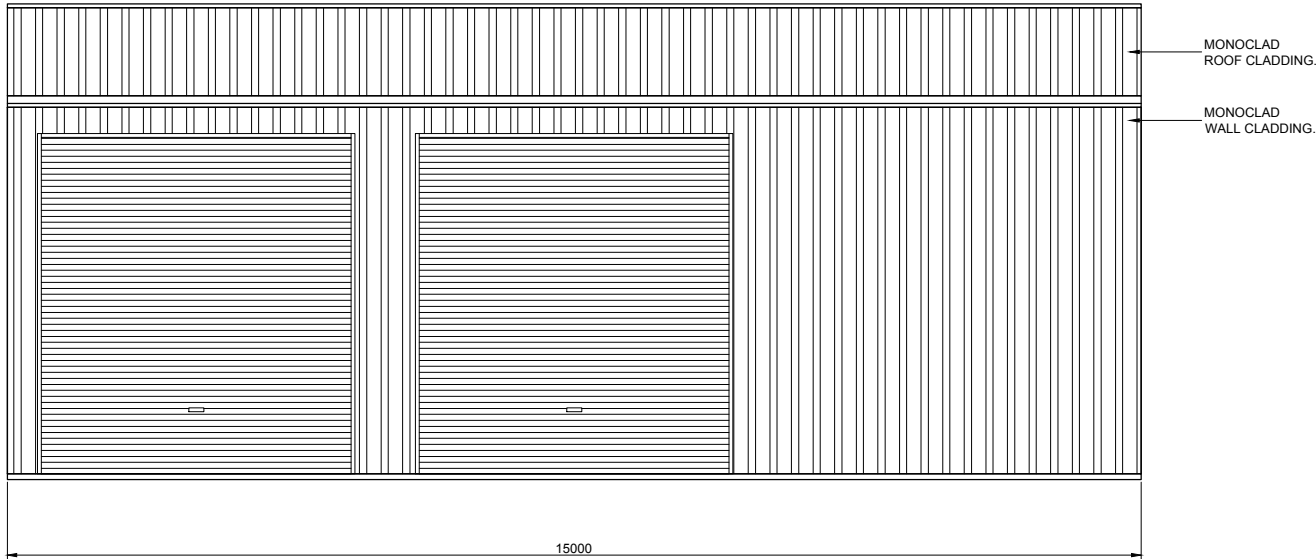
Registered on the NPER in the areas of practice
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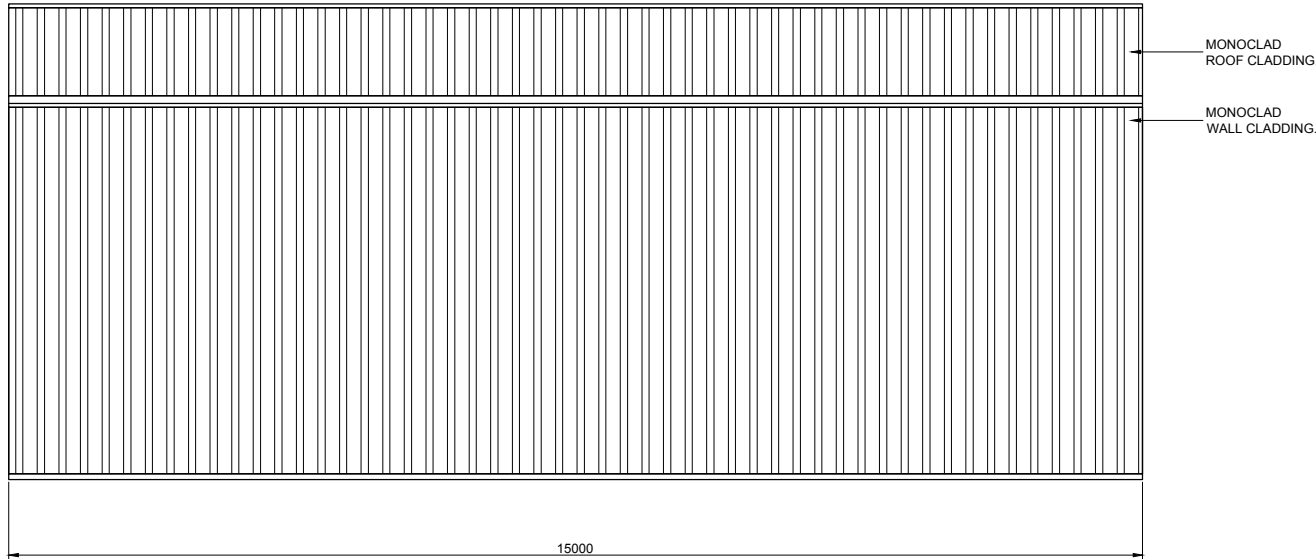


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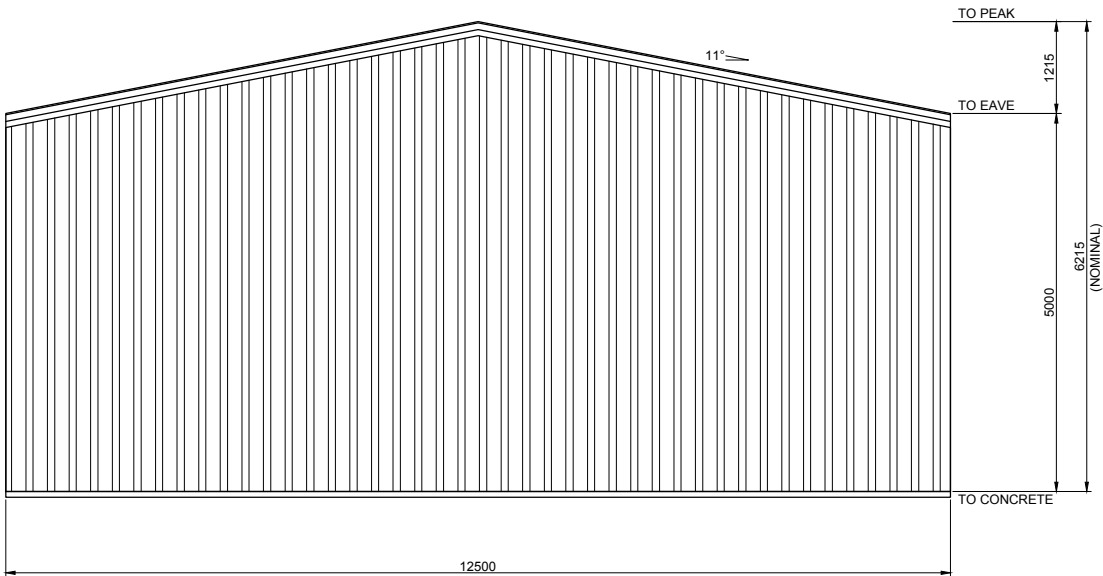
Attachment 3 – 11.1.4c Floor Plan and Elevations



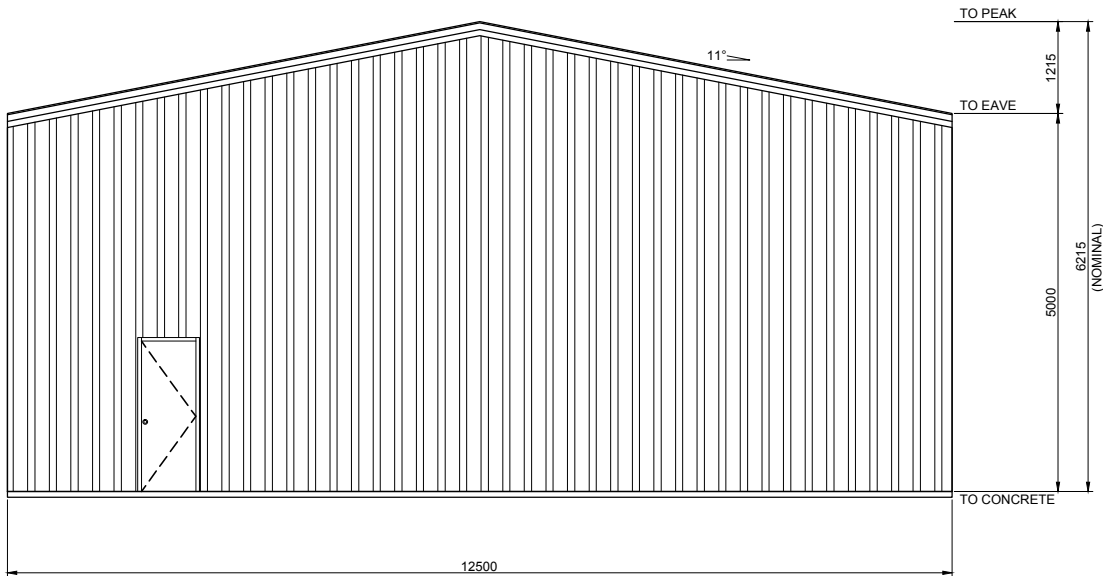
1 SIDEWALL EXTERIOR ELEVATION
7 SCALE: 1 = 100



2 SIDEWALL EXTERIOR ELEVATION
7 SCALE: 1 = 100



4 ENDWALL EXTERIOR ELEVATION
7 SCALE: 1 = 100



3 ENDWALL EXTERIOR ELEVATION
7 SCALE: 1 = 100

BUILDING COLOURS

WALL	CLASSIC CREAM
ROOF	CLASSIC CREAM
ROLLER DOOR	BASALT
P.A. DOOR	BASALT
DOWNPIPE	N/A - downpipes by others
CORNER FLASHING	BASALT
BARGE FLASHING	BASALT
OPENING FLASHING	BASALT

7 OF 8

SHEET

JOB NO.
GRLD51982

DATE
14/4/2023

CHECKED
TM

DRAWN
FDS

STEEL BUILDING BY
FOR
AT

(CONTACT)

AUSSIE SHEDS GROUP

1300 300 022

DARREN PRYER

11 EVANS STREET

MORAWA

SHED SAFE

ACCREDITED

fairdinkum

SHEDS

NORTHERN CONSULTING engineers

Civil & Structural Engineers
50 Punari Street
Currajong, Qld 4812
Fax: 07 4725 5850
Email: design@nceng.com.au
ABN 341 008 173 56

Registered Chartered Professional Engineer
Registered Professional Engineer (Civil & Structural) QLD
Registered Certifying Engineer (Structural) N.T.
Registered Engineer - (Civil) VIC
Registered Engineer - (Civil) TAS

Regn. No. 2558980
Regn. No. 9985
Regn. No. 116373ES
Regn. No. PE0002216
Regn. No. CC5648M

Mr Timothy Roy Messer BE MIEAust RPEQ

Signature

Date 14/4/2023

Registered on the NPER in the areas of practice
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NOTES:

BRACING MATERIALS - THE SHED ERECTOR TO SUPPLY SPECIFIC BRACING.
SUITABLE RIGID MEMBERS CAPABLE OF TENSION AND COMPRESSION OR OPPOSING CHAINS OR OPPOSING LOAD RATED RATCHET STRAPS TO BE USED. (RIGID BRACING AS SHOWN ON DIAGRAM) ROPE BRACING SUITABLE ONLY FOR SMALLER STRUCTURES IN IDEAL CONDITIONS.

BRACING LOCATION - TEMPORARY BRACING TO BE ERECTED AS CLOSE TO 45 DEGREE ANGLE AND FIXED TO THE TOP OF THE COLUMN OR MULLION TO ACHIEVE THE OPTIMUM EFFECTIVENESS. IF THERE IS NOT ENOUGH SPACE FOR A 45 DEGREE ANGLE, THEN 20 DEGREE ANGLE IS TO BE THE MINIMUM ANGLE ALLOWED (REFER TO DIAGRAM). RIGID TEMPORARY BRACING MEMBER TO BE BOLTED TO HEAVY ANGLE PEGS HAMMERED INTO THE GROUND OR TO A BRACKET, MASONRY ANCHORED TO THE SLAB.

BRACING REMOVAL - TEMPORARY BRACING TO REMAIN IN PLACE UNTIL CLADDING IS FULLY INSTALLED WHERE POSSIBLE. IN NO CASE SHOULD TEMPORARY BRACING BE REMOVED UNTIL ALL PURLINS, GIRTS (AND PERMANENT CROSS BRACING WHERE USED) ARE FIXED.

SITE SAFETY - DUE CONSIDERATION TO BE GIVEN TO SITE SAFETY IN REGARD TO LOCATIONS OF BRACING AND PEGS.

GUIDE APPLICATION - TEMPORARY BRACING AS DESCRIBED IS A MINIMUM REQUIREMENT FOR AN AVERAGE, STANDARD SITE CONDITION. PROVIDE ADDITIONAL BRACING FOR MORE SEVERE AND/OR HIGH EXPOSURE SITE CONDITIONS. ADDITIONAL BRACING TO BE USED AS AND WHERE NECESSARY TO ENSURE THAT ENTIRE FRAME IS RIGID THROUGHOUT CONSTRUCTION. RESPONSIBILITY FOR ENSURING STABILITY OF STRUCTURE REMAINS WITH THE BUILDER.

TILT UP METHOD
FOR STRUCTURES UNDER 9M SPAN, LESS THAN 3M HIGH AND LESS THAN 12M LONG

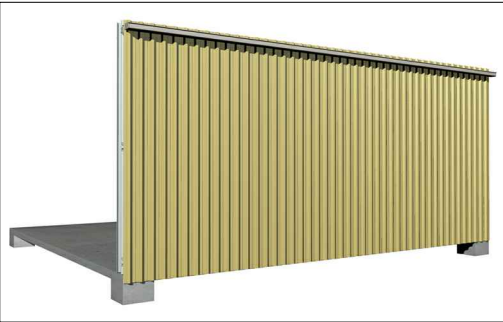
- ASSEMBLE THE FIRST SIDEWALL FRAME (COMPLETE WITH WALL SHEETING, BRACING AND GUTTER) ON THE GROUND AND LIFT ASSEMBLED SIDEWALL FRAME INTO POSITION. FIX OFF TEMPORARY SIDE BRACING TO EACH END (REFER TO DIAGRAM). FIX BASE CLEATS.
- ASSEMBLE THE SECOND SIDEWALL FRAME AS PER FIRST SIDEWALL FRAME. LIFT INTO POSITION. FIX OFF TEMPORARY WALL BRACING TO EACH END (REFER TO DIAGRAM) FIX BASE CLEATS.
- FIX GABLE END RAFTERS TO COLUMNS TO TIE WALLS. PROP APEX UNTIL ENDWALL MULLION AND APEX TEMPORARY BRACE ARE FIXED OFF. IF NO MULLION IS REQUIRED THEN PROP AND BRACE APEX UNTIL CLADDING IS COMPLETE.
- INSTALL REMAINING RAFTERS. AS EACH RAFTER PAIR IS INSTALLED, AT LEAST ONE PURLIN PER 3M OF RAFTER LENGTH IS TO BE INSTALLED TO SECURE RAFTERS.
- INSTALL REMAINING PURLINS
- INSTALL KNEE AND APEX BRACES IF AND WHERE APPLICABLE.
- REPEAT FOR LEANTO'S.

FRAME FIRST METHOD
FOR STRUCTURES OVER 9M SPAN, GREATER THAN 3M HIGH AND GREATER THAN 12M LONG

- ASSEMBLE PORTAL FRAMES ON THE GROUND (WITH KNEE AND APEX BRACES IF AND WHERE APPLICABLE). LIFT THE FIRST PORTAL FRAME ASSEMBLY INTO POSITION. FIX OFF TEMPORARY END BRACING (REFER TO DIAGRAM). FIX BASE CLEATS.
- PROP APEX UNTIL ENDWALL MULLION AND APEX TEMPORARY BRACE ARE FIXED OFF. IF NO MULLION IS REQUIRED THEN PROP AND BRACE APEX UNTIL CLADDING IS COMPLETE.
- THE SECOND PORTAL FRAME ASSEMBLY TO BE LIFTED INTO POSITION. FIX EAVE PURLINS AND AT LEAST ONE PURLIN PER 3M OF RAFTER TO SECURE FRAME ASSEMBLY. FIX BASE CLEATS. FIX TEMPORARY SIDEWALL BRACING.
- STAND REMAINING PORTAL FRAME ASSEMBLY AS PER STEP C, FIXING TEMPORARY SIDE WALL BRACING TO EVERY SECOND BAY. BRACE OTHER END PORTAL FRAME AS PER FIRST PORTAL FRAME.
- INSTALL REMAINING PURLINS AND GIRTS.
- REPEAT FOR LEANTO'S.

GUIDE TO THE INSTALLATION OF TEMPORARY BRACING

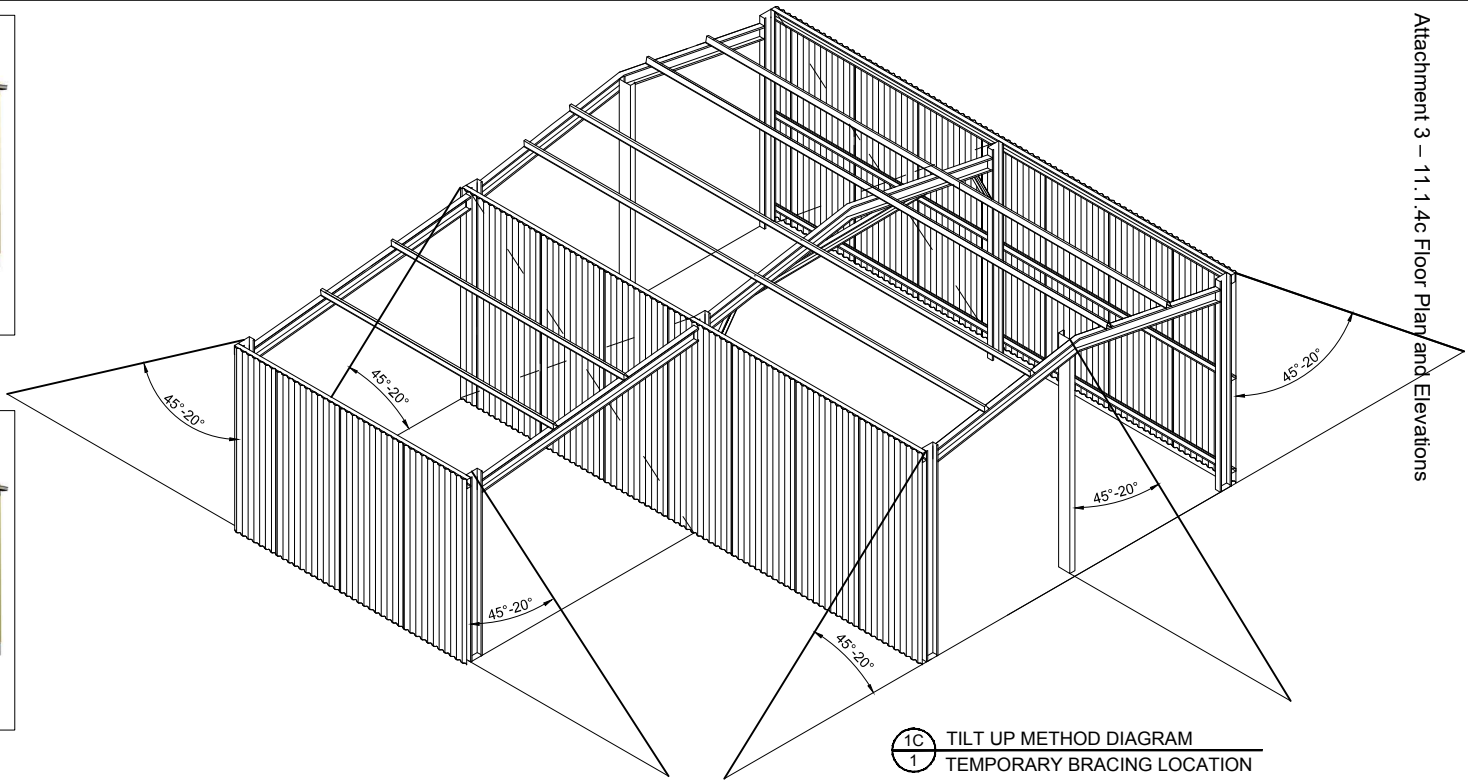
(REFER TO INSTALLATION GUIDE MANUAL FOR THE TWO METHODS OF CONSTRUCTION)



1A FIRST SIDEWALL FRAME
1 REFER 1C FOR TEMPORARY BRACING LOCATION



1B SECOND SIDEWALL FRAME
1 REFER 1C FOR TEMPORARY BRACING LOCATION



1C TILT UP METHOD DIAGRAM
1 TEMPORARY BRACING LOCATION

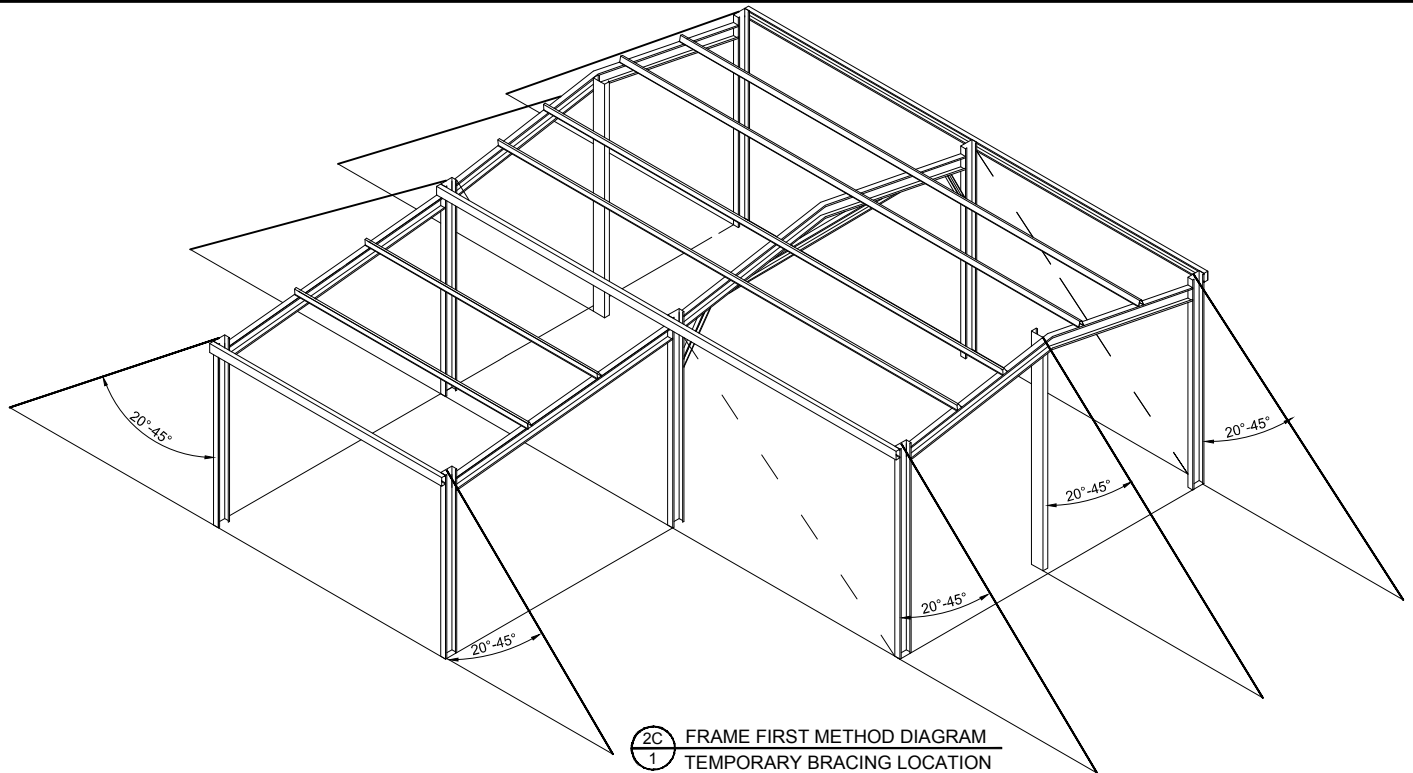
1 TILT UP METHOD DIAGRAM
1 SCALE: NTS



2A FIRST & SECOND PORTAL FRAME ASSEMBLY
1 REFER 2C FOR TEMPORARY BRACING LOCATION



2B COMPLETE PORTAL FRAME ASSEMBLY
1 REFER 2C FOR TEMPORARY BRACING LOCATION



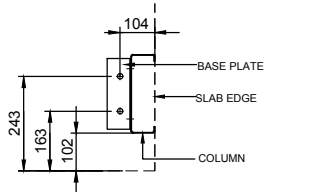
2C FRAME FIRST METHOD DIAGRAM
1 TEMPORARY BRACING LOCATION

2 FRAME FIRST METHOD DIAGRAM
1 SCALE: NTS

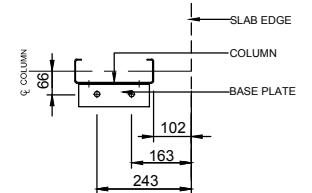
Attachment 3 – 11.1.4c Floor Plan and Elevations

8 OF 8	SHEET	JOB NO. GRD51982	DATE 14/4/2023	CHECKED TM	DRAWN FDS	STEEL BUILDING BY	(CONTACT)	AUSSIE SHEDS GROUP 1300 300 022 DARREN PRYER 11 EVANS STREET MORAWA	SHED SAFE	fairdinkum SHEDS	NORTHERN CONSULTING engineers Civil & Structural Engineers 50 Punari Street Currajong, Qld 4812 Fax: 07 4725 5850 Email: design@nceng.com.au ABN 341 008 173 56 Registered Chartered Professional Engineer Registered Professional Engineer (Civil & Structural) QLD Registered Certifying Engineer (Structural) N.T. Registered Engineer - (Civil) VIC Registered Engineer - (Civil) TAS	Regn. No. 2558980 Regn. No. 9985 Regn. No. 116373ES Regn. No. PE0002216 Regn. No. CC5648M	Mr Timothy Roy Messer BE MIEAust RPEQ Signature T. Messer Date 14/4/2023 Registered on the NPER in the areas of practice of Civil & Structural National Professional Engineers Register
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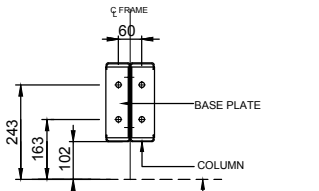
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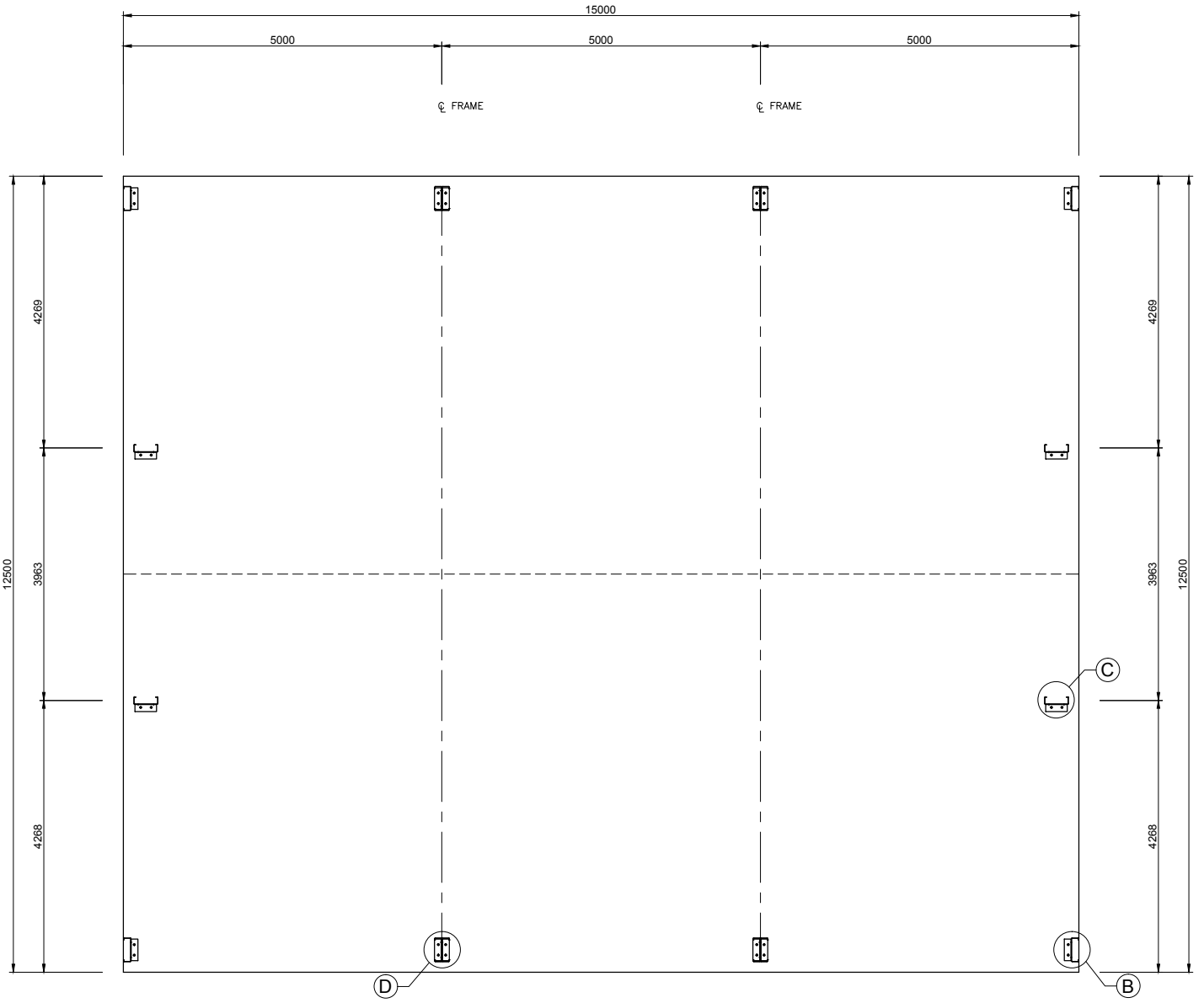
DETAIL B
SCALE: NTS



DETAIL C
SCALE: NTS



DETAIL D
SCALE: NTS




1 BOLT LAYOUT PLAN
1 SCALE: 1 = 100

IF YOU HAVE A ROLLER DOOR IN THE GABLE END OF YOUR SHED, CONTACT YOUR DISTRIBUTOR TO SEE IF MULLION NEEDS TO BE ROTATED FOR USE AS A DOOR JAMB.

NOT PART OF COUNCIL APPLICATION DOCUMENTATION

JOB NO. GRLD51982	DATE 14/4/2023	CHECKED TM	DRAWN FDS	STEEL BUILDING BY	FOR	AT
				AUSSIE SHEDS GROUP 1300 300 022 DARREN PRYER 11 EVANS STREET MORAWA		
						BOLT LAYOUT PLAN

COMPLIANCE CERTIFICATE FOR BUILDING DESIGN

Property Description Street address (include number, street, suburb/locality & postcode)	11 EVANS STREET MORAWA Postcode : 6623		Attachment 3 – 11.1.4c Floor Plan and Elevations																		
Description of Component/s Certified Clearly describe the extent of work covered by this certificate.	Steel Portal Frame Structure. 12.5m span x 15m O/A length x 5m eaves height. Consisting of 3 bays at 5m spacing.																				
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.	Australian Standards (list) AS/NZS 4600-2018, AS/NZS 1170.0,1-2002, 1170.2-2011, 1170.3-2003, 1170.4-2007, AS2870-2011, AS3600-2018 2019 National Construction Code of Australia Amendment 1 NCC Building Classification: Class 10 Region AS1170.2 = Reg A Factor for Region = NA NCC Importance Level = 2 NCC Equivalent Wind class = N/A Annual Probability Exceedance wind = 1:500 Design Roof Live Load = 0.25 kPa Regional 3 s Gust Wind Speed for annual probability of exceedance $V_R = 45$ m/s Wind directional multipliers for the 8 cardinal directions $M_d = 0.95$ Terrain/Height multiplier (M_z , Cat) = 0.87 Shielding Multiplier $M_s = 1$ Topographic multiplier $M_t = 1$ Design Wind Speed = 37 m/s Ext. Pressure Coefficient $c_{pe} = -0.85, 1.00$ Int. Pressure Coefficient $c_{pi} = -0.3, 0.2$																				
Reference Documentation Clearly identify any relevant documentation, e.g numbered structural engineering plans	Drawing Nos: 'Fair Dinkum Sheds' Structural Design Drawing To be read in conjunction with Pages 1 to 8 For Job Number: GRD51982 DATED : 14/4/2023 Specifications: Computations: Test Reports: Other Documentation:																				
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 practise in aspect of the design, building or inspection of the building work because of the person's skill and experience in the aspect. The competent person must also be registered or licensed under a law applying in the state to practice the aspect. A COPY OF A CURRENT CV AND PROFESSIONAL REGISTRATION DETAILS MUST BE PROVIDED WITH THE CERTIFICATE	<table border="1"> <tr> <td>Name:</td> <td>Timothy Roy Messer</td> </tr> <tr> <td>Company Name (If applicable):</td> <td>Northern Consulting Engineers</td> </tr> <tr> <td>Postal Address:</td> <td>50 Punari Street, Currajong 4812</td> </tr> <tr> <td>Contact Person:</td> <td>Timothy Roy Messer</td> </tr> <tr> <td>Telephone Number:</td> <td>07 4725 5550</td> </tr> <tr> <td>Mobile Number:</td> <td>N/A</td> </tr> <tr> <td>Fax Number:</td> <td>07 4725 5850</td> </tr> <tr> <td>Email Address:</td> <td>design@nceng.com.au</td> </tr> <tr> <td>License or Registration Number:</td> <td>2558980</td> </tr> </table> <div style="text-align: right;"> Copy of CV Attached: <input type="checkbox"/> Tick Box Y <input type="checkbox"/> or N <input checked="" type="checkbox"/> </div>		Name:	Timothy Roy Messer	Company Name (If applicable):	Northern Consulting Engineers	Postal Address:	50 Punari Street, Currajong 4812	Contact Person:	Timothy Roy Messer	Telephone Number:	07 4725 5550	Mobile Number:	N/A	Fax Number:	07 4725 5850	Email Address:	design@nceng.com.au	License or Registration Number:	2558980	
Name:	Timothy Roy Messer																				
Company Name (If applicable):	Northern Consulting Engineers																				
Postal Address:	50 Punari Street, Currajong 4812																				
Contact Person:	Timothy Roy Messer																				
Telephone Number:	07 4725 5550																				
Mobile Number:	N/A																				
Fax Number:	07 4725 5850																				
Email Address:	design@nceng.com.au																				
License or Registration Number:	2558980																				
Signature of Competent Person This form may be used by competent persons to certify the design of a material, system, method of building, building element design or other thing. If the competent person is a licensed company the authorised person of the company is to sign the form.	I certify that the item/s described above, if installed or carried out in accordance with the information contained in this certificate, including any referenced documentation, will comply with the National Construction Code of Australia/relevant Australian or International Standard. Signature of competent person:  <div style="text-align: right;">Date: 14/4/2023</div>																				

LOCAL GOVERNMENT USE ONLY

Date received		Reference Number/s		
---------------	--	--------------------	--	--

Ordinary Council Meeting 22 June 2023

<i>Attachment 1-</i>	<i>11.1.5a Application for Development Approval</i>
<i>Attachment 2-</i>	<i>11.1.5b Delegated Authority to Lodge Development Applications</i>
<i>Attachment 3-</i>	<i>11.1.5c Certificate of Title 2754-547 Lot 51 On Deposited Plan 51704</i>
<i>Attachment 4-</i>	<i>11.1.5d Proposed Industry-Rural Land Use on Lot 51 On Deposited Plan 51704</i>
<i>Attachment 5-</i>	<i>11.1.5e Proposed Site Plan – Morawa</i>
<i>Attachment 6-</i>	<i>11.1.5f Sample Hut Elevation Plan - Morawa</i>
<i>Attachment 7-</i>	<i>11.1.5g Standard Elevation Drawings – Morawa</i>
<i>Attachment 8-</i>	<i>11.1.5h Stormwater Management Plan - Morawa</i>
<i>Attachment 9-</i>	<i>11.1.5i Traffic Impact Assessment - Morawa</i>
<i>Attachment 10-</i>	<i>11.1.5j General Arrangement,</i>

Earthworks & Drainage Plan – Morawa

***Attachment 11- 11.1.5k Main Roads Response re CBH
Permanent Bulkheads Application***

Item 11.1.5- CBH Application

**SHIRE OF MORAWA**

Phone: (08) 9971 1204

Email: admin@morawa.wa.gov.au

PO Box 14, MORAWA WA 6623

26 Winfield Street, MORAWA WA 6623

8.30am - 4.30pm, Monday to Friday

SHIRE OF MORAWA

Development Approval Application

INFORMATION TO BE PROVIDED:

- ☐ All details within this form are to be completed to avoid a returned or cancelled Application.
- ☐ Plans are to be submitted with this application in accordance with section 5.
- ☐ Payment of an applicable fee is required when submitting the Application.
- ☐ Signatures of both property owner and applicant are required to process the Application.
- ☐ Please complete and submit 'The Essential Documents Checklist' with the Application.

Owner Details		
Name		
Postal Address		
Phone Number	Mobile Number	
Email		
Signature	Date	
Applicant Details		
Name		
Postal Address		
Phone Number	Mobile Number	
Email		
Signature	Date	
Property Details		
Lot Number	House/Street Number	Location Number
Street Name		Suburb
Nearest Intersection		
*Certificate Of Title Volume/Folio No.		Diagram/Plan No.
*Title Encumbrances (If Any)		
*Information (including copy of title, volume and folio numbers and encumbrances) can be sourced from Landgate on the following web address- https://www.landgate.wa.gov.au/		
Proposed Development		
Nature of development	<input type="checkbox"/> Works	<input type="checkbox"/> Use <input type="checkbox"/> Works and Use
Description of proposed works and/or land use		
Estimated cost of proposed development		Deletion of condition 2 from TP03/21, TP04/21 & TP05/21
Estimated time of completion		Proposed Industry-Rural Land Use on Lot 51 on Deposited Plan 51704
Office Use Only		
Date Received	Document Number	
Fees Paid	Officer	
Receipt Number	Response	
Application Number	Assessment Number	

Essential Documents Checklist		Applicant	Officer
Application			
Required information completed including Owner and Applicant details with signatures		<input type="checkbox"/>	<input type="checkbox"/>
Plans listed are copied at a scale of not less than 1:500		<input type="checkbox"/>	<input type="checkbox"/>
Payment of the applicable fee is made when submitting this application		<input type="checkbox"/>	<input type="checkbox"/>
Site Plan at a scale of not less than 1:500 details			
Street name/s; lot number/s; north point; lot dimensions; location of all existing and proposed structures and environmental features, boundary setback distances to existing and proposed buildings, use of new buildings, existing and proposed access		<input type="checkbox"/>	<input type="checkbox"/>
Location, number, dimensions and layout of car parking spaces, location and dimensions of service areas, landscaping, open storage or trade display areas if applicable		<input type="checkbox"/>	<input type="checkbox"/>
Floor Plan at a scale of not less than 1:500 details			
Dimensions of specific rooms and outdoor living areas identified including vehicle parking under main roof		<input type="checkbox"/>	<input type="checkbox"/>
Elevation Plan at a scale of not less than 1:500 details			
Reference to natural ground level, height of walls, and total height to roof pitch		<input type="checkbox"/>	<input type="checkbox"/>
Details of external wall cladding, colours and materials		<input type="checkbox"/>	<input type="checkbox"/>
Stormwater Drainage Plans			
Include method of disposal. Note: Local Government encourages on-site retention methods to reduce the amount of water entering the local drainage network.		<input type="checkbox"/>	<input type="checkbox"/>
Optional Plan		Applicant	Officer
Landscaping Plan			
To include location and area of landscaping to be shown with species and types of plants and their height		<input type="checkbox"/>	<input type="checkbox"/>
Fees			
Description	Estimated Value	Charge	
General Development application	\$50,000 or less	\$147.00	
	\$50,000 or above	0.32% of development cost	
	\$500,000 or above	\$1700 Plus 0.257% for each dollar above \$500,000	
	\$2.5 million or above	\$7161 Plus 0.206% for each dollar above \$2.5 million	
	\$5.0 million or above	\$12,633 Plus 0.123% for each dollar above \$5.0 million	
	\$21.5 million or above	\$34,196 maximum payment	
Change of use of application		\$295.00	
Extractive Industry Application		\$739.00	
Extension of Term of Development Approval		\$147.00	
Amendment to Development Approval		\$295.00	



Co-operative Bulk Handling Ltd
ABN 29 256 604 947
Level 6, 240 St Georges Terrace
Perth WA 6000 Australia
GPO Box L886
Perth WA 6842 Australia
Telephone
+61 8 9237 9600
Grower Service Centre
1800 199 083
cbh.com.au

CONSENT TO SIGN APPLICATIONS FOR DEVELOPMENT APPROVAL AND BUILDING PERMITS FOR LAND OWNED, LEASED OR LICENSED BY CO-OPERATIVE BULK HANDLING LIMITED

This is to confirm that Co-operative Bulk Handling Limited (**CBH**) authorises each person who holds one of the following titles with CBH to sign and lodge on behalf of CBH all applications for development approval and building permits (and all documents associated with those applications) in connection with land owned, leased or licensed by CBH:

1. Chief External Relations Officer
2. Head of Government & Industry Relations
3. Manager – Government & Industry Relations
4. Principal – Planning & Approvals
5. Specialist - Regulatory Approvals

Should you require further information regarding any present or future applications for development approval or building permits, please do not hesitate to contact CBH Planning Approvals at PlanningApprovals@cbh.com.au.

This consent takes effect on the last date written below and from that date supersedes any and all previous consents to sign and lodge on behalf of CBH applications for development approval and / or building permits (and documents associated with those applications) in connection with land owned, leased or licensed by CBH.

Yours faithfully

Signed for and on behalf of Co-operative Bulk Handling Limited by or in the presence of:




Signature of Director

PAUL SADLEIR

Name of Director

21/12/2022

Date of signing



Signature of ~~Director~~ or Company Secretary

RICHARD CODLING

Name of ~~Director~~ or Company Secretary

21/12/2022

Date of signing



Co-operative Bulk Handling Ltd
ABN 29 256 604 947
Level 6, 240 St Georges Terrace
Perth WA 6000 Australia
GPO Box L886
Perth WA 6842 Australia
Telephone
+61 8 9237 9600
Grower Service Centre
1800 199 083
cbh.com.au

CONSENT TO SIGN APPLICATIONS FOR DEVELOPMENT APPROVAL AND BUILDING PERMITS FOR LAND OWNED, LEASED OR LICENSED BY CO-OPERATIVE BULK HANDLING LIMITED

This is to confirm that Co-operative Bulk Handling Limited (**CBH**) authorises each of the following CBH personnel to sign and lodge on behalf of CBH all applications for development approval and building permits (and all documents associated with those applications) in connection with land owned, leased or licensed by CBH:

1. David Paton, acting Chief External Relations Officer (permanent position: Head of Government & Industry Relations).
2. Rob Dickie, acting Head of Government & Industry Relations (permanent position: Manager - Government & Industry Relations).
3. Kellie Todman, Manager – Government & Industry Relations.
4. Aaron Lohman, Principal – Planning & Approvals.
5. Timothy Roberts, Specialist - Regulatory Approvals.

Should you require further information regarding any present or future applications for development approval or building permits, please do not hesitate to contact CBH Planning Approvals at PlanningApprovals@cbh.com.au.

This consent takes effect on the last date written below and from that date supersedes any and all previous consents to sign and lodge on behalf of CBH applications for development approval and / or building permits (and documents associated with those applications) in connection with land owned, leased or licensed by CBH.

Yours faithfully

Signed for and on behalf of Co-operative Bulk Handling Limited by or in the presence of:




Signature of Director

PAUL SADDLEIR

Name of Director

21/12/2022

Date of signing



Signature of ~~Director~~ or Company Secretary

RICHARD CODLING

Name of ~~Director~~ or Company Secretary

21/12/2022

Date of signing

WESTERN



AUSTRALIA

REGISTER NUMBER 51/DP51704	
DUPLICATE EDITION 4	DATE DUPLICATE ISSUED 18/1/2023

RECORD OF CERTIFICATE OF TITLE UNDER THE TRANSFER OF LAND ACT 1893

VOLUME
2754FOLIO
547

The person described in the first schedule is the registered proprietor of an estate in fee simple in the land described below subject to the reservations, conditions and depth limit contained in the original grant (if a grant issued) and to the limitations, interests, encumbrances and notifications shown in the second schedule.

BGRoberts
REGISTRAR OF TITLES



LAND DESCRIPTION:

LOT 51 ON DEPOSITED PLAN 51704

REGISTERED PROPRIETOR: (FIRST SCHEDULE)

CO-OPERATIVE BULK HANDLING LTD OF 30 DELHI STREET, WEST PERTH

(T L452598) REGISTERED 13/10/2010

LIMITATIONS, INTERESTS, ENCUMBRANCES AND NOTIFICATIONS: (SECOND SCHEDULE)

1. N862411 EASEMENT TO WATER CORPORATION SEE DEPOSITED PLAN 412191 REGISTERED 28/3/2018.
2. P404997 RESTRICTIVE COVENANT TO COMMISSIONER OF MAIN ROADS SEE DEPOSITED PLAN 420323. REGISTERED 23/12/2022.

Warning: A current search of the sketch of the land should be obtained where detail of position, dimensions or area of the lot is required.
* Any entries preceded by an asterisk may not appear on the current edition of the duplicate certificate of title.
Lot as described in the land description may be a lot or location.

-----END OF CERTIFICATE OF TITLE-----

STATEMENTS:

The statements set out below are not intended to be nor should they be relied on as substitutes for inspection of the land and the relevant documents or for local government, legal, surveying or other professional advice.

SKETCH OF LAND: DP51704
PREVIOUS TITLE: 1589-263
PROPERTY STREET ADDRESS: NO STREET ADDRESS INFORMATION AVAILABLE.
LOCAL GOVERNMENT AUTHORITY: SHIRE OF MORAWA

12 May 2023

Chief Executive Officer
Shire of Morawa
Via email: ceo@morawa.wa.gov.au

Dear Scott,

PROPOSED INDUSTRY-RURAL LAND USE ON LOT 51 ON DEPOSITED PLAN 21740

CBH is seeking an amendment to three existing development approvals from the Shire of Morawa seeking permanent development approval for three bulkheads at its existing grain handling and storage facility located at Lot 51 on Deposited Plan 51740, Morawa. The subject application is prepared in accordance with Schedule 2 (Deemed Provisions) of the Planning and Development (Local Planning Schemes) Regulations 2015 and the Shire of Morawa Local Planning Scheme No. 3.

Site Details

Lot 51 on Deposited Plan 51704 (subject site) is located immediately south of the Morawa townsite and 'original' CBH grain handling and storage facility as shown in Figure 1 below.



Figure 1: Location Plan

Background

CBH Group has a strategic objective to receive an average crop of 22M tonnes network wide by 2033. To achieve this objective, a commensurate amount of investment into the expansion and enhancement of network strategy sites will be required.

The Shire issued development approval for TBH03 on 09 August 2021 under planning application TP03/21, TBH04 on 14 September 2021 under planning application TP04/21 and TBH05 on 23 November 2021 under planning application TP05/21. Each approval was limited to a period of 12 months from the date of each determination. This was extended by the Shire on 01 July 2022 until 14 September 2023. TBH03 & TBH04 are proposed to be sealed as part of this application whilst TBH05 will remain as constructed and will only be used as a last option when site capacity is reached. It is therefore requested that permanent approval be issued for these three bulkheads as part of this application.

Further, as part of this project, CBH will also install a new sample platform. Investment into Morawa's MSW infrastructure will enable the continued use of Morawa, improve safety on site by reducing traffic congestion and potentially reducing cycle time.

In recent years, Morawa has been subject to a number of changes in how it manages site traffic flow in response to ongoing feedback. In response to this feedback, this application seeks to seal the marshall, sample and weigh (MSW) infrastructure in the rural zone lot south of Burton Road as well as to reseal Burton Road. These sealing works seek to minimise dust emissions that may be blown into town.

Proposal

This application proposes the following elements:

- Seal the existing temporary MSW internal site roadways;
- Seal Burton Road from Mullewa-Wubin Road through to Powell Street;
- Seal TBH03, TBH04 and TBH05;
- Permanent approval for the use of TBH03, TBH04 and TBH05;
- Installation of the Type-9 sample hut;
- Associated drainage works to retain a 20-year ARI event; and
- Reinstate and install any necessary power and communications infrastructure.

Standard considerations for a development application of this type are traffic generation and stormwater management. It is proposed that stormwater will be retained onsite in the existing drain and a Stormwater Management Plan has been included as an attachment to this report supporting this strategy. A Traffic Impact Assessment has been included as an attachment to this application and is summarised below.

Traffic Management

CBH are requesting permanent development for TBH03, TBH04 and TBH05 to increase site capacity so that more grain can be stored through harvest and inefficient out-loading movements and disruptions within the harvest period are avoided. Without these bulkheads, during harvest once site capacity is reached, out-loading movements may be required to restore capacity to Morawa by transporting grain to alternate sites. This will involve shifting the grain from Morawa to the next available site with storage capacity. This double handling adds additional traffic to the surrounding road network. Noting that CBH outloads from Morawa by rail the more storage the site has means that these inefficient out-loading movements are eliminated.

To accommodate this increase in traffic movements, the Traffic Impact Assessment has reviewed the impact on the surrounding road network and has concluded the following:

- The estimated traffic generation can be accommodated within the capacity of the adjacent road network.
- The additional traffic generated by the site is not considered to increase the likelihood of crashes to unacceptable levels.
- The sealed/carriageway widths of the surrounding road network are equal to or above the minimum road width for their relative RAV categories.
- Existing sight distances at the intersections are considered satisfactory.
- Existing intersection geometry is adequate for the existing RAV approvals and no further widening required.
- The warranted turning treatments at the Burton Road intersection are already in place and no further improvements required.
- CBH have indicated that there will be no train services during the Harvest hauling period which will eliminate the issue with the rail stacking distance and sight distance.
- It is recommended that Burton Road be closed to the public during the harvest period to reduce the potential for conflict between haulage and public vehicles.

Conclusion

The proposed additions are aligned with the planning framework including Local Planning Scheme No. 3, all relevant local planning policies and the Deemed Provisions of the *Planning and Development (Local Planning Schemes) Regulations 2015*. Further, the proposed additions are not considered to result in any new amenity impacts to the surrounding area. CBH respectfully requests the Application for Development Approval is considered by the Shire of Morawa expeditiously given the straightforward nature of the application and its general compliance with the Shire's planning framework. It is therefore requested that Council exercise its discretion and grant conditional approval to the application.

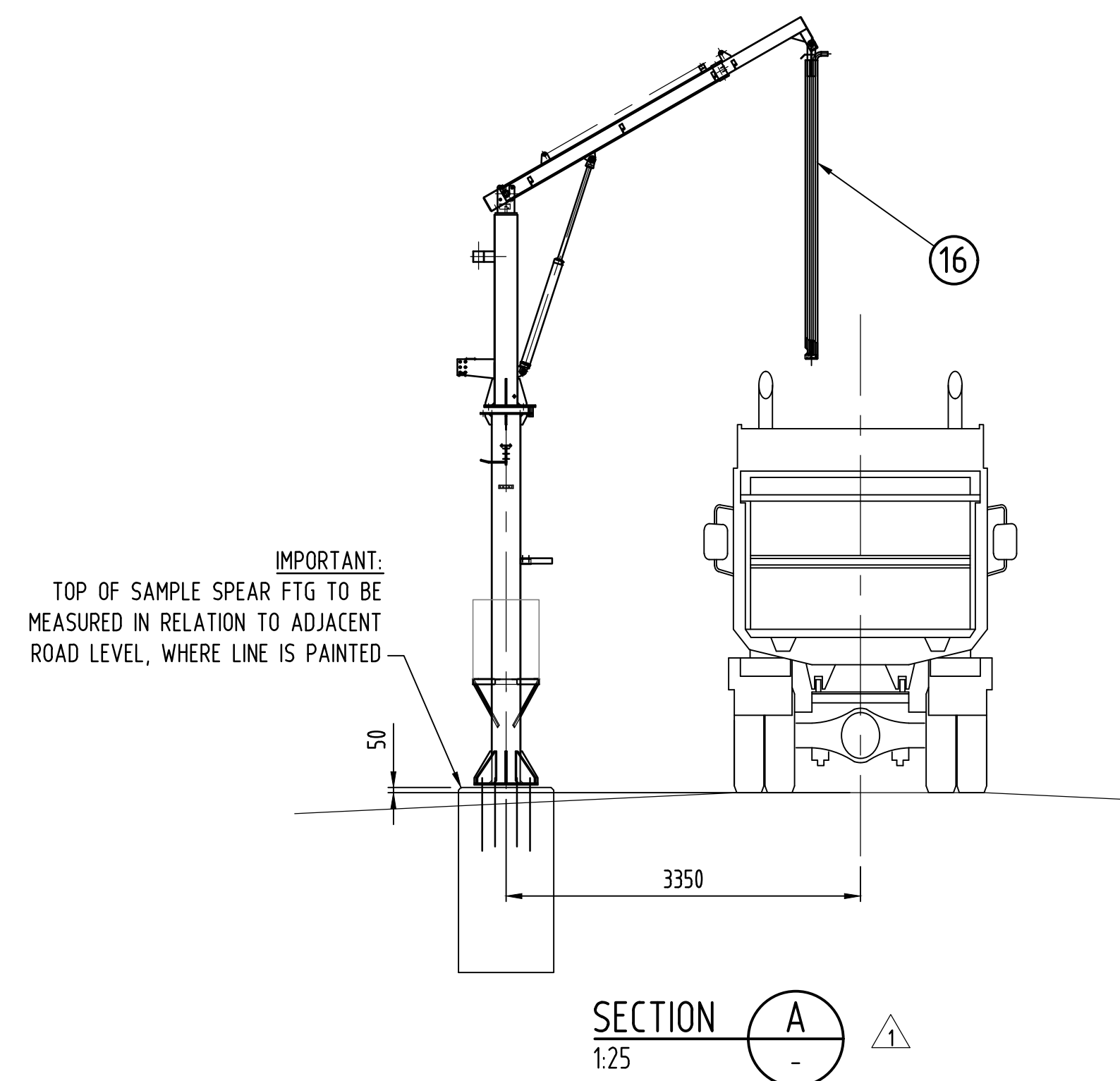
Should you have any question in relation to the details provided in this submission, please contact Timothy Roberts on 9216 6061 or timothy.roberts@cbh.com.au

Yours Sincerely,



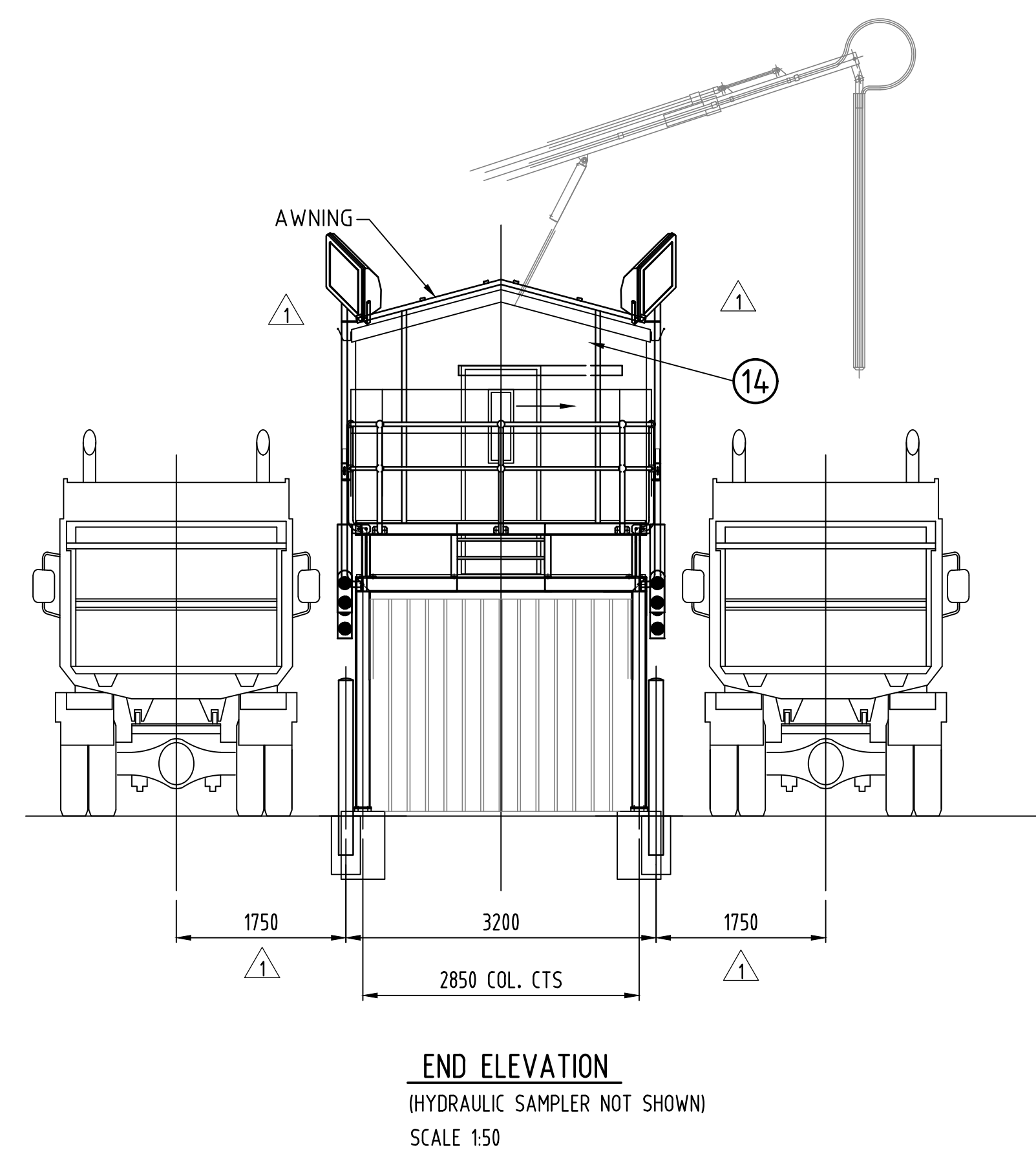
Timothy Roberts

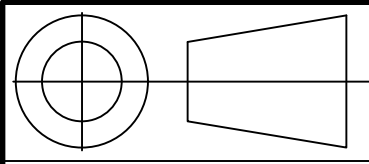
Specialist – Regulatory Approvals Adviser



GENERAL NOTES

1. ALL STEELWORK, WELDING & FABRICATION TO COMPLY WITH CURRENT CODE AS1554 CAT SP.
2. ALL WELDS TO BE 6 FILLET UNLESS NOTED AND 3 FILLET ON 3 PL.
3. REMOVE ALL BURRS & SHARP EDGES.
4. SURFACE TREATMENT: AS PER CBH SPEC. NO TREATMENT TO INSIDE REQUIRED.
5. ALL HOLES Ø14 TO SUIT M12 HEX. HEAD BOLT GR. 4.6 U.N.O.



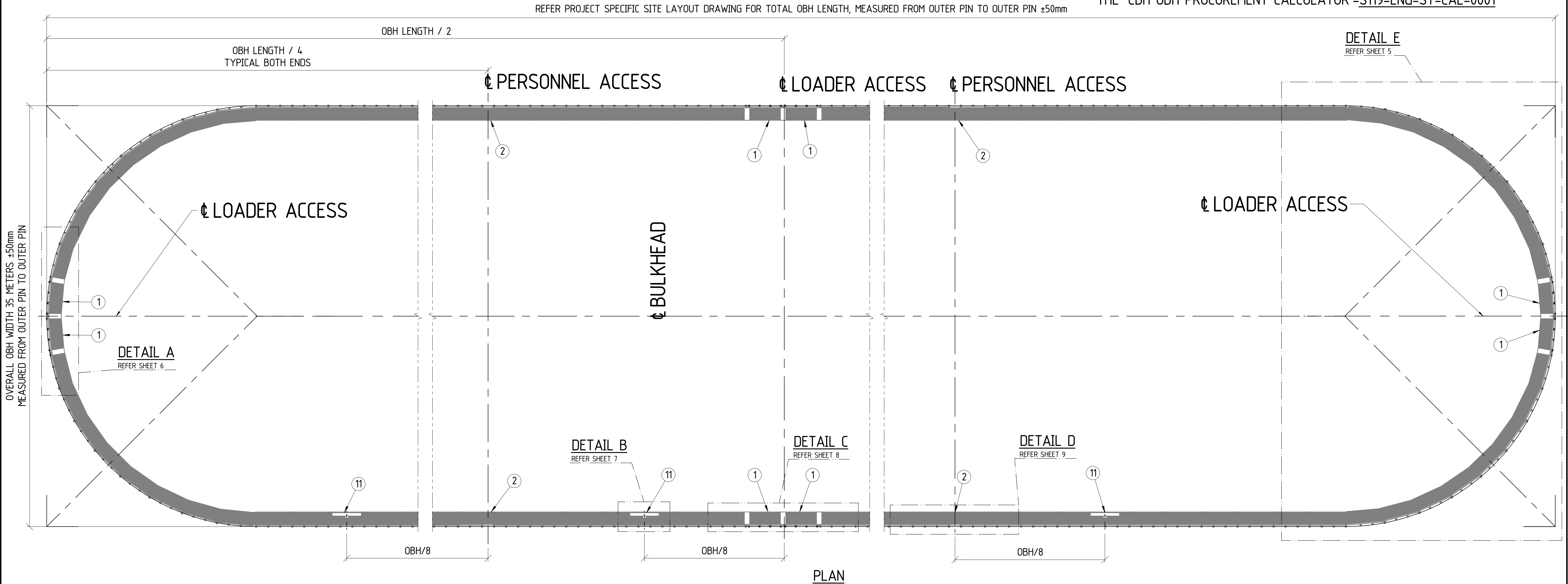


INSTALLATION NOTES:

1. OBH LENGTH AND WIDTH DIMENSIONS ARE SPECIFIED FROM REAR PIN TO THE OPPOSITE REAR PIN. REFER PROJECT SPECIFIC SITE LAYOUT DRAWING FOR DIMENSIONS.
2. TOLERANCE FOR OVERALL OBH WIDTH AND LENGTH ARE +/- 50MM. TOLERANCE FOR FRAME SPACING +/- 10mm.
3. NOTE DIFFERENT ANCHORING DETAILS FOR DOOR/GATES AND FRAMES EITHER SIDE OF BULKHEAD OPENINGS. REFER ANCHORING DETAILS ON SHEETS 2 AND 3.
4. NOTE ADDITIONAL Z-CAPPING, WOOD AND CLADDING TRIMMING REQUIRED AT GATE JOINS. REFER SHEETS 6 AND 8 FOR DETAILS.
5. TYPICAL CLADDING OVERLAP IS 200mm, CENTERED OVER THE CENTERLINE OF THE STRUT, FOR ALL JOINS EXCEPT AT GATE AND DOOR JOINS. REFER SHEETS 6 - 9.
6. ALL Z-CAPPING MUST BE ALIGNED AS ACCURATELY AS POSSIBLE. ANY MISALIGNMENT IN Z-CAPPING WILL TEAR THE OBH TARP. REFER NOTES ON SHEETS 6, 8 AND 9 FOR TOLERANCES.
7. FOUR PERSONNEL ACCESS DOORS TO BE INSTALLED AS SHOWN. TWO INSTALLED EACH SIDE AT MIDPOINTS BETWEEN END OF OBH AND CENTRE BULKHEAD OPENING.
8. THREE FUMIGATION T-PIECES TO BE INSTALLED ON SAME SIDE AS ELECTRICAL CONNECTION. REFER SHEETS 1 AND 7 FOR INSTALLATION DETAILS. REFER CBH DRAWING S119-ENG-ME-DER-0001 FOR VENDOR DRAWING OF T-PIECE.
9. DRAWING DEPICTS TYPICAL OBH SIZE OF 35M WIDE BY 300M LONG AND ASSOCIATED STANDARDISED REQUIRED QUANTITIES OF FUMIGATION TEES, PERSONAL ACCESS DOORS AND FRONT END LOADER ACCESS GATES. SITE SPECIFIC OBH REQUIREMENTS SHALL BE CONFIRMED WITH THE NOMINATED CBH REPRESENTATIVE PRIOR TO CONSTRUCTION.
10. BULKHEAD CONTENTS ARE INTENDED TO BE FUMIGATED IN A SEALED ENVIRONMENT BY USE OF WALL CANVICON AND OVER STACK TARPS - THE CONTRACTOR SHALL MINIMISE ANY MEANS WHICH COULD DETRIMENTALLY AFFECT THE SEALING CAPABILITY, SUCH AS SHARP EDGES THAT COULD CUT TARP.

PARTS LIST (PER UNIT)									
ITEM No	DESCRIPTION	WIDTH	LENGTH	QTY	CBH OR SUPPLIER PART No	PROCESS	SAP Code	MASS Kg	TO DETAIL
1	FRONT END LOADER ACCESS GATE			REFER NOTE	S119-ENG-ST-ASY-0034	FIELD FIT	N/A	184.4	Yes
2	PERSONNEL ACCESS DOOR			REFER NOTE	S119-ENG-ST-ASY-0017	FITTING	N/A	17.1	Yes
3	STRAIGHT PIN STRUT ASSEMBLY			REFER NOTE	S119-ENG-ST-ASY-0004	FITTING	N/A	36.4	Yes
4	SPIRAL PIN STRUT ASSEMBLY			REFER NOTE	S119-ENG-ST-ASY-0005	FITTING	N/A	36.2	Yes
5	CUSTOM ORB ZINC ALUME 0.42mm BMT 550 MPa MIN. (YIELD)	762	3200	REFER NOTE	S119-ENG-ST-PRT-0010	FITTING	DREQ	1.3	No
6	DIA 20 STRAIGHT PIN ANCHOR		420	REFER NOTE	S-014-A0000	FIELD KIT	DREQ	1.1	Yes
7	SPIRAL PIN ANCHOR		300	REFER NOTE	S119-ENG-ST-DER-0052	FITTING	DREQ	0.8	Yes
8	Z CAPPING 1.6PL PGI	300	3000	REFER NOTE	S119-ENG-ST-PRT-0011	FAB SHEET	108015	11.4	Yes
9	TIMBER SAWN KARRI STRUC3 75mmx50mmx3m	75	3000	REFER NOTE	S119-ENG-ST-PRT-0014	FITTING	108594	6.2	No
10	TARP CLAMP 6PL	130	257	REFER NOTE	S119-ENG-ST-PRT-0012	FAB PROFILE	107901	1.6	Yes
11	FUMIGATION TEE PIECE			REFER NOTE	S119-ENG-ME-DER-0001	FITTING	N/A		Yes
12	RUBBER STRIP 450mm WIDE, 8mm THICK	450	2050	REFER NOTE	S119-ENG-ST-PRT-0048	FIELD KIT	DREQ	6.9	No
13	M10 x 120 GALV BOLT GR8.8 (50mm THREAD Min.)			REFER NOTE		FIELD KIT	DREQ	0.1	No
14	M10 GALV. NUT			REFER NOTE		FIELD KIT	DREQ	0.0	No
15	M10 GALV FW			REFER NOTE		FIELD KIT	DREQ	0.0	No
16	METAL TEK SCREW, HEX HEAD, 14g-20x22mm, CLASS 4, WITH SEAL			REFER NOTE		FIELD KIT	DREQ	0.0	No
17	METAL TEK SCREW, HEX HEAD, 14g-20x45mm, CLASS 4, WITH SEAL			REFER NOTE		FIELD KIT	DREQ		No
18	NOVALAST LTM 151			REFER NOTE		FIELD KIT	DREQ		No
19	BOSTIK SEAL AND FLEX 1			REFER NOTE		FIELD KIT	DREQ		No

** QTY NOTE: TO CALCULATE EXACT ORDER QUANTITIES, REFER TO THE 'CBH OBH PROCUREMENT CALCULATOR'-S119-ENG-ST-CAL-0001



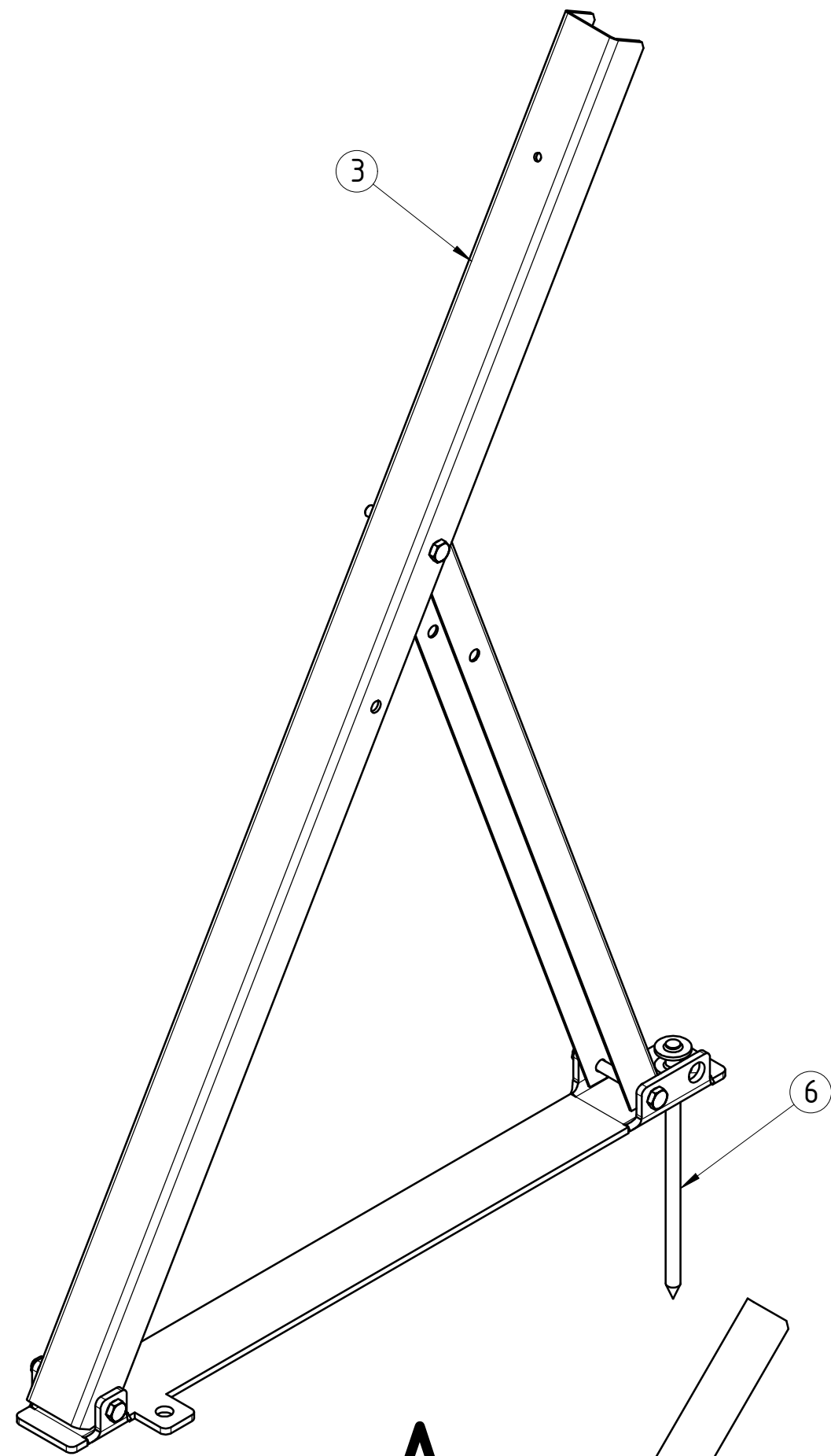
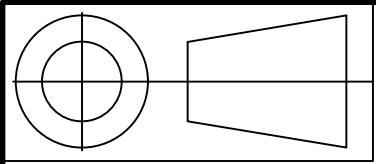
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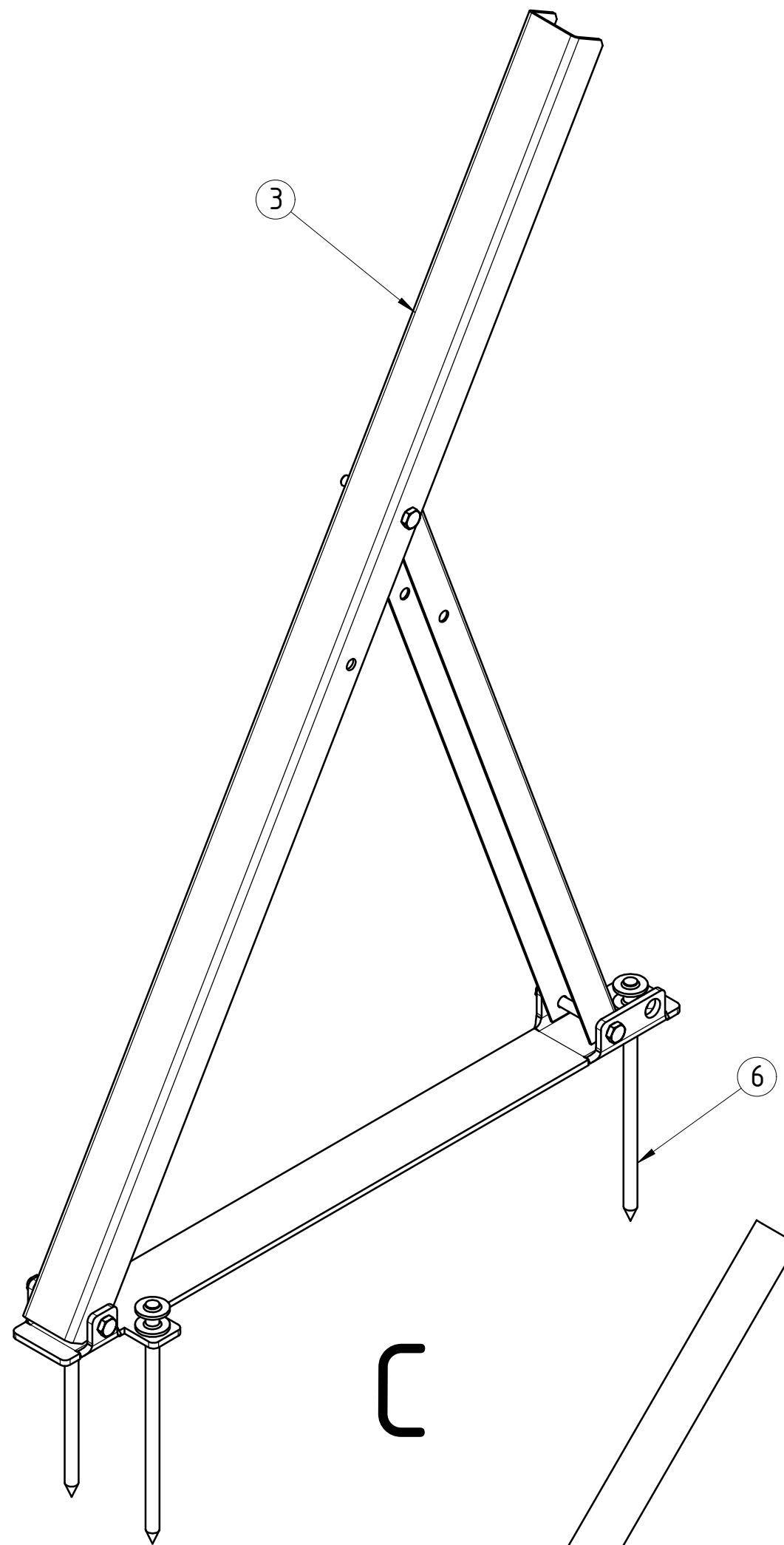
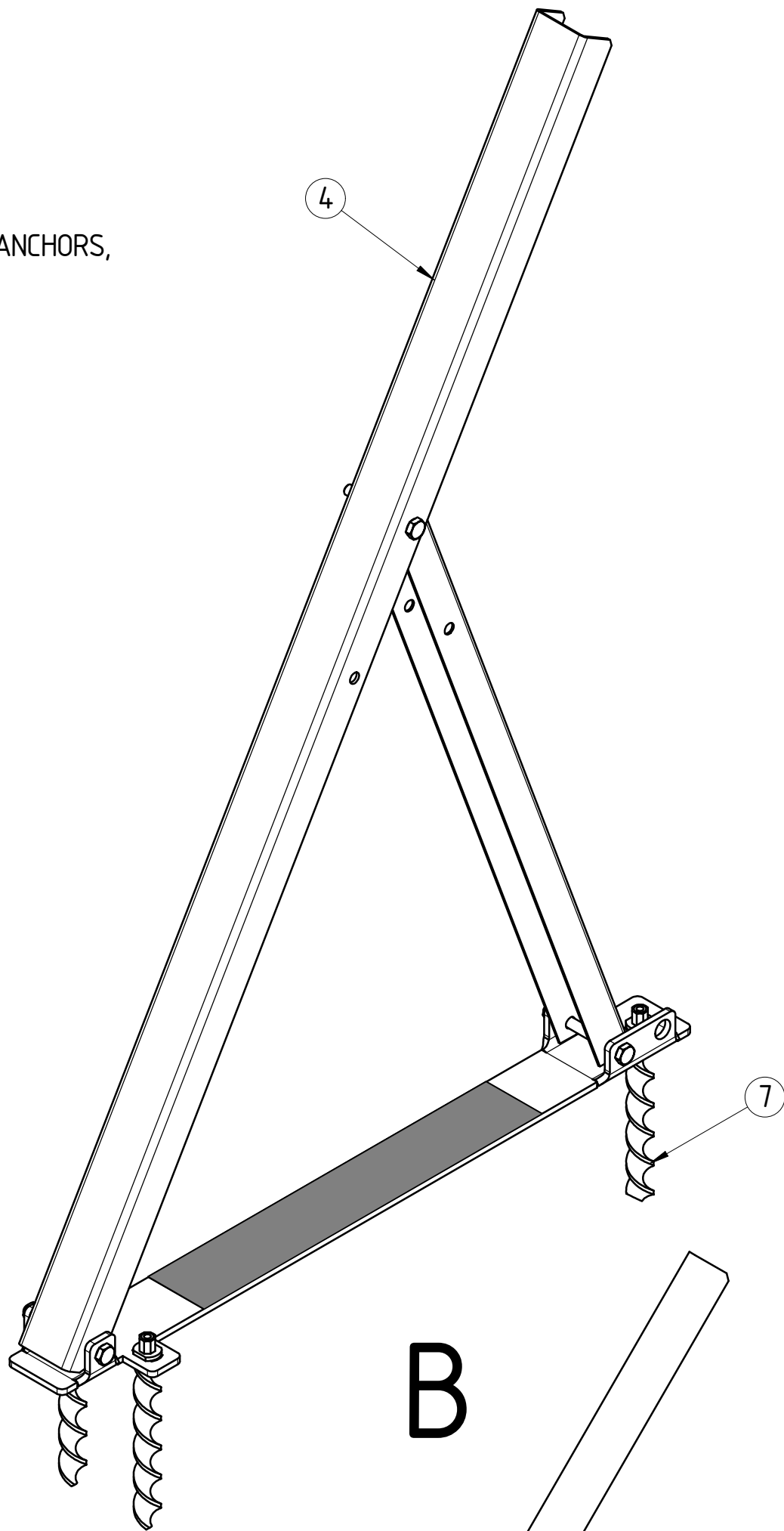


DRAWN	SCR 10/06/2022
CHECKED	LS 10/06/2022
ENGINEER	BC 11/06/2022
APPROVED	NH 11/06/2022

DRAWING No	SHEET	REV
S119-ENG-ST-DGA-0003	2 OF 9	0



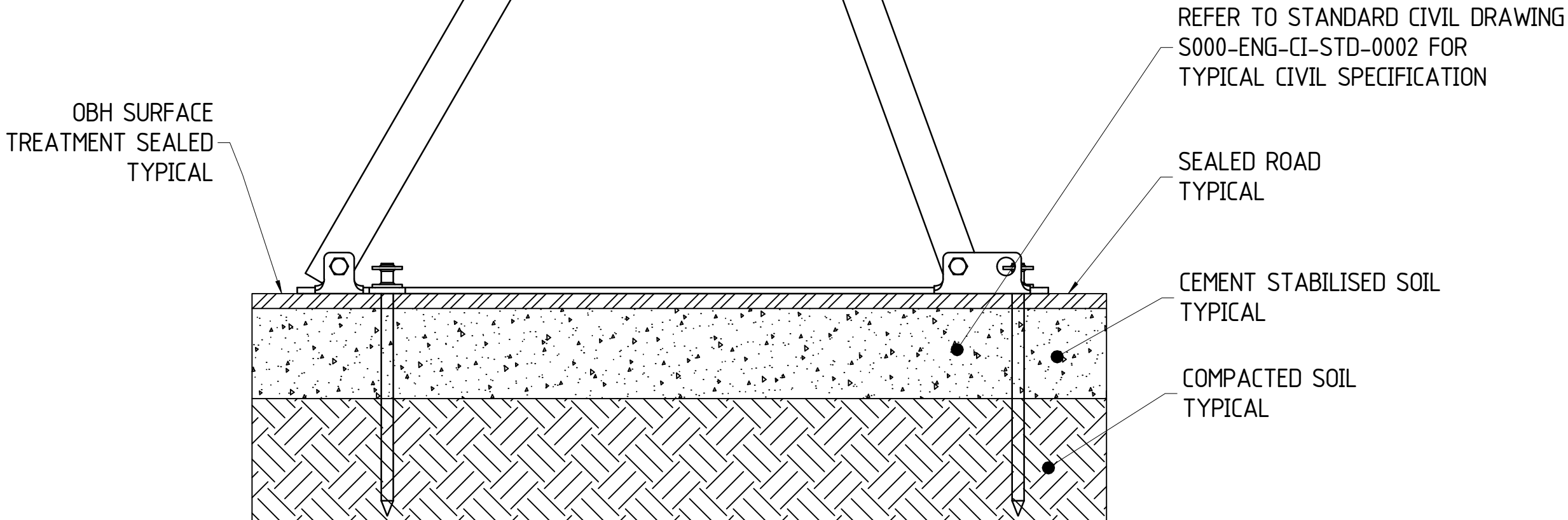
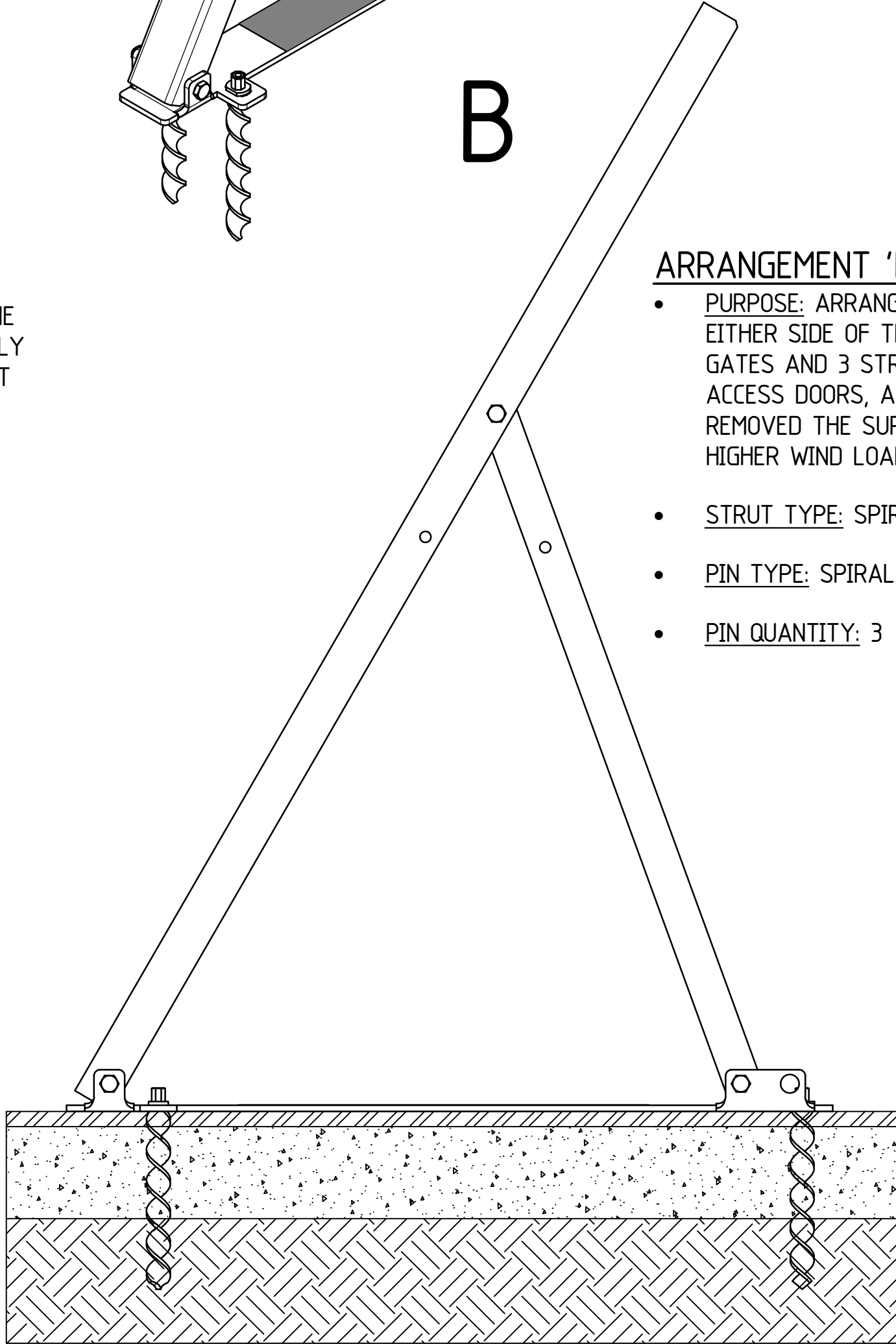
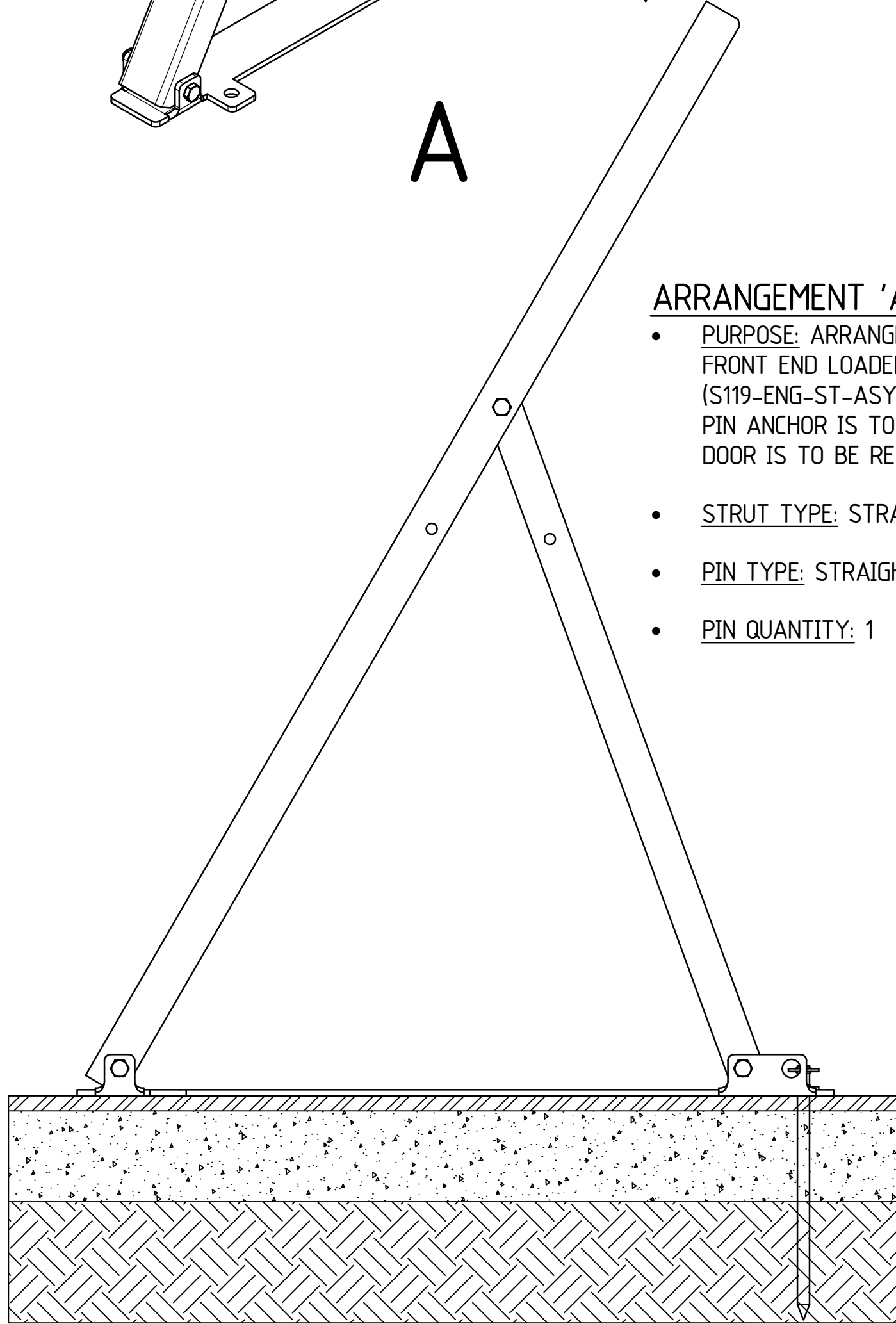
NOTES:
REMOVAL TOOL REQUIRED FOR SPIRAFIX ANCHORS,
M22 SPANNER/SOCKET,
HANDLE LENGTH TO SUIT CONDITIONS.




- ARRANGEMENT 'A' NOTES:**
- PURPOSE:** ARRANGEMENT 'A' IS USED IN THE FRONT END LOADER ACCESS GATE ASSEMBLY (S119-ENG-ST-ASY-0034). ONLY 1 STRAIGHT PIN ANCHOR IS TO BE INSTALLED AS THE DOOR IS TO BE REMOVABLE.
 - STRUT TYPE:** STRAIGHT PIN STRUT
 - PIN TYPE:** STRAIGHT PIN ANCHOR
 - PIN QUANTITY:** 1

- ARRANGEMENT 'B' NOTES:**
- PURPOSE:** ARRANGEMENT 'B' IS USED 4 STRUTS EITHER SIDE OF THE FRONT END LOADER ACCESS GATES AND 3 STRUTS EITHER SIDE OF PERSONNEL ACCESS DOORS, AS WHEN THE GATES/DOORS ARE REMOVED THE SURROUNDING STRUTS EXPERIENCE HIGHER WIND LOADS.
 - STRUT TYPE:** SPIRAL PIN STRUT
 - PIN TYPE:** SPIRAL PIN ANCHOR
 - PIN QUANTITY:** 3

- ARRANGEMENT 'C' NOTES:**
- PURPOSE:** ARRANGEMENT 'C' IS USED IN ALL LOCATIONS, OTHER THAN WHERE ARRANGEMENT 'A' AND 'B' ARE USED
- STRUT TYPE:** STRAIGHT PIN STRUT
 - PIN TYPE:** STRAIGHT PIN ANCHOR
 - PIN QUANTITY:** 3



COPYRIGHT: THIS DRAWING AND THE CONTENTS DEPICTED OR WRITTEN THEREON, WHETHER IN WHOLE OR IN PART, IS THE EXCLUSIVE INTELLECTUAL PROPERTY OF CBH GROUP AND SHOULD NOT BE USED FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN APPROVAL OF CBH GROUP.		CBH GROUP HEAD OFFICE LEVEL 6, 240 ST GEORGES TERRACE, PERTH W.A 6000 PH (08) 9237 9600 FAX (08) 9322 3942																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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ON OBH CURVED END WALLS, WHERE CLADDING OVERLAPS (EVERY THIRD STRUT), LONGER TEK SCREWS WILL BE REQUIRED AS THE CLADDING MAY NOT SIT FLUSH WITH THE STRUT. SEE BOM FOR LONGER TEK SCREW SPECIFICATION. SEE SHEET 9 FOR FURTHER INSTALLATION DETAILS.



DETAIL T



DETAIL T

TOE DOWN
TOP EDGE OF THE SHEET
TO SIT ABOVE TEK SCREW

5 MIN.
10 MAX.

PLACE THE BOTTOM TEK SCREW
IN THE SECOND CORRUGATION
AS THIS WILL ALLOW THE
WEIGHT OF THE GRAIN TO
'STRETCH' THE CLADDING
AND CLOSE THE BOTTOM GAP
WHILE GRAIN IS IN STORAGE



DETAIL W

16 MAX.
10 MIN.

- 'Z' CAPPING SHALL BUTT JOIN TO THE CENTRE LINE OF THE STRUT.
- ALL Z CAPPING MUST BE ALIGNED AS ACCURATELY AS POSSIBLE. ANY MIS-ALIGNMENT IN THE 'Z' CAPPING WILL CREATE SHARP EDGES, WHICH MAY DAMAGE THE OBH TARP. MAXIMUM 'Z' CAPPING MISALIGNMENT TO BE 2mm IN ALL DIRECTIONS.
- WHERE 'Z' CAPPING BUTT JOINS OVER A STRUT, FIX 'Z' CAP WITH 2 x TEK SCREWS, ONE IN EACH 'Z' CAP (SHOWN BELOW)
- WHERE 'Z' CAPPING PASSES OVER A STRUT, FIX 'Z' CAP WITH 1 x TEK SCREW, INLINE WITH THE CENTRE OF THE STRUT.



VIEW-AM

(CLADDING NOT SHOWN FOR CLARITY)

SHEET 2 & 3 OVERLAP - TEK SCREW TO BE FIXED
IN THE FIRST VALLEY OF SHEET 3

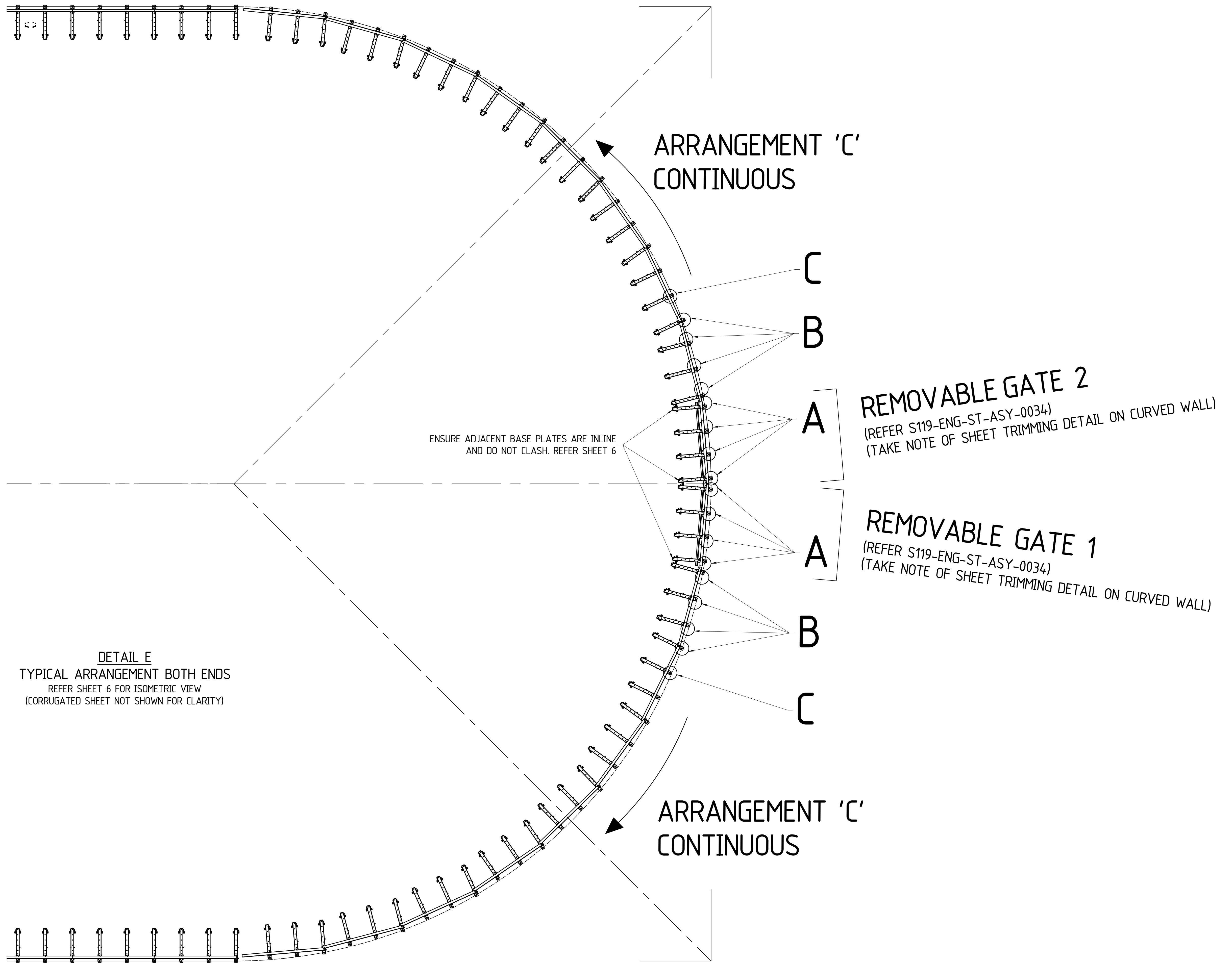
SHEET 1 & 2 OVERLAP - TEK SCREW TO BE FIXED
IN THE FIRST VALLEY OF SHEET 2

SHEET 3 ON TOP OF SHEET 2-

SHEET 2 ON TOP OF SHEET 1-



DETAIL V
SHEET OVERLAP
(STRUT NOT SHOWN FOR CLARITY)



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PART, IS THE EXCLUSIVE INTELLECTUAL
PROPERTY OF CBH GROUP AND
SHOULD NOT BE USED FOR ANY PURPOSE
WITHOUT THE EXPRESS WRITTEN
APPROVAL OF CBH GROUP.



CBH GROUP HEAD OFFICE
LEVEL 6, 240 ST GEORGES TERRACE,
PERTH W.A 6000
PH (08) 9237 9600 FAX (08) 9322 3942

DO NOT SCALE FROM THIS DRAWING

REF	DRG No.	REFERENCE DRAWING TITLE	REV	DATE

REV	DATE	REVISIONS

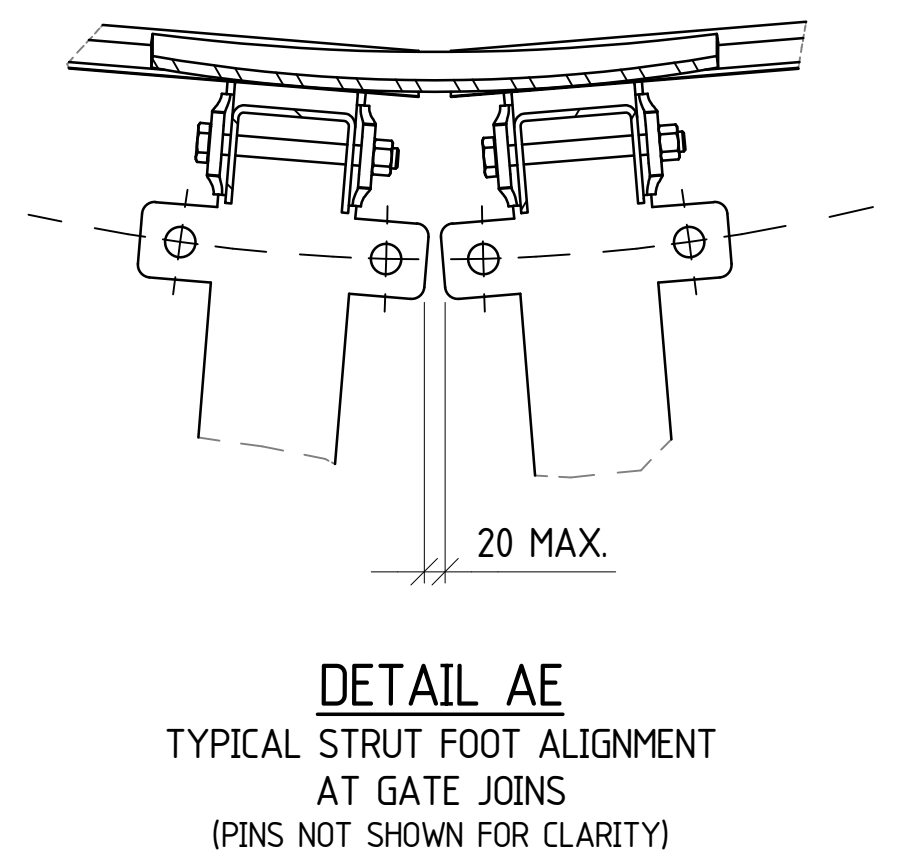
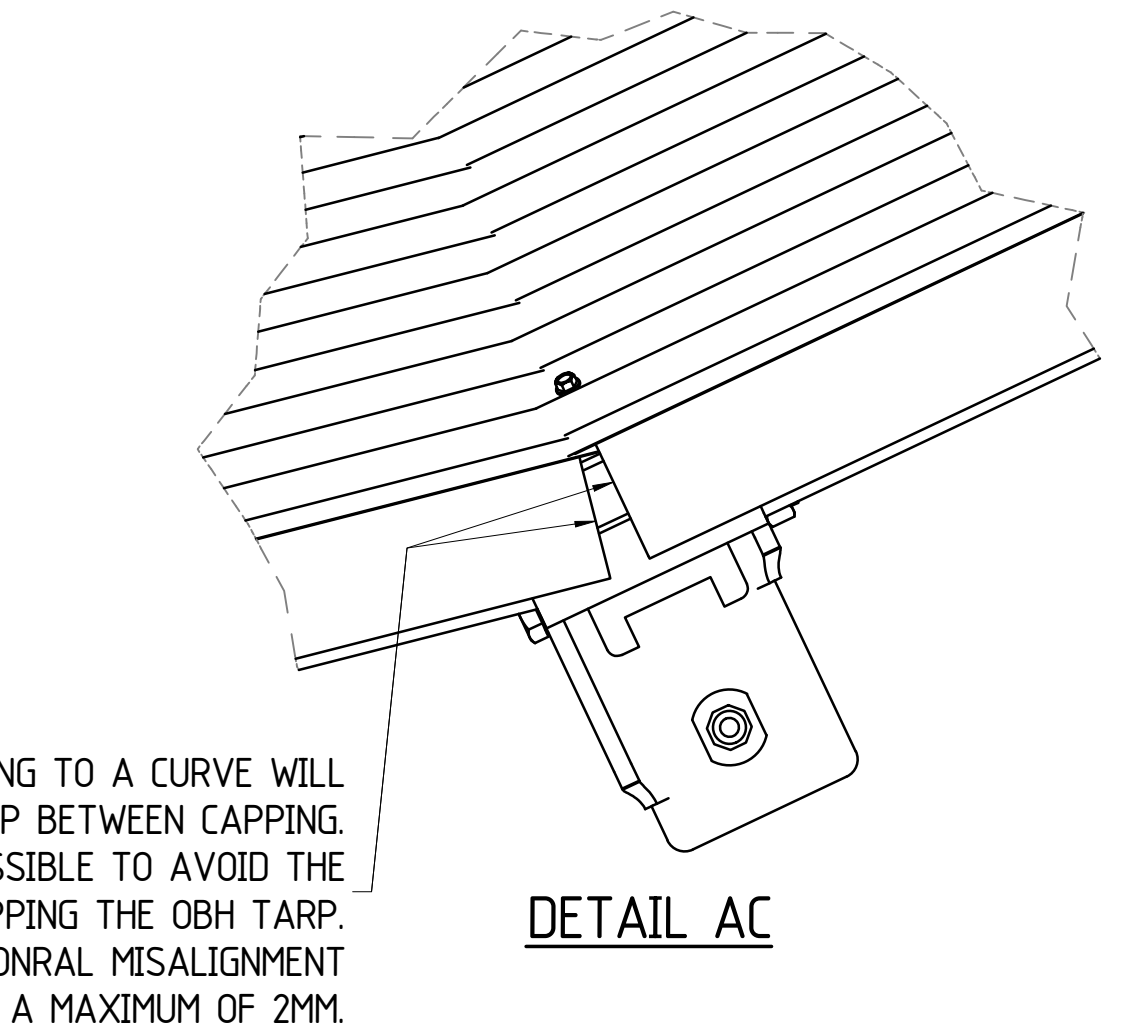
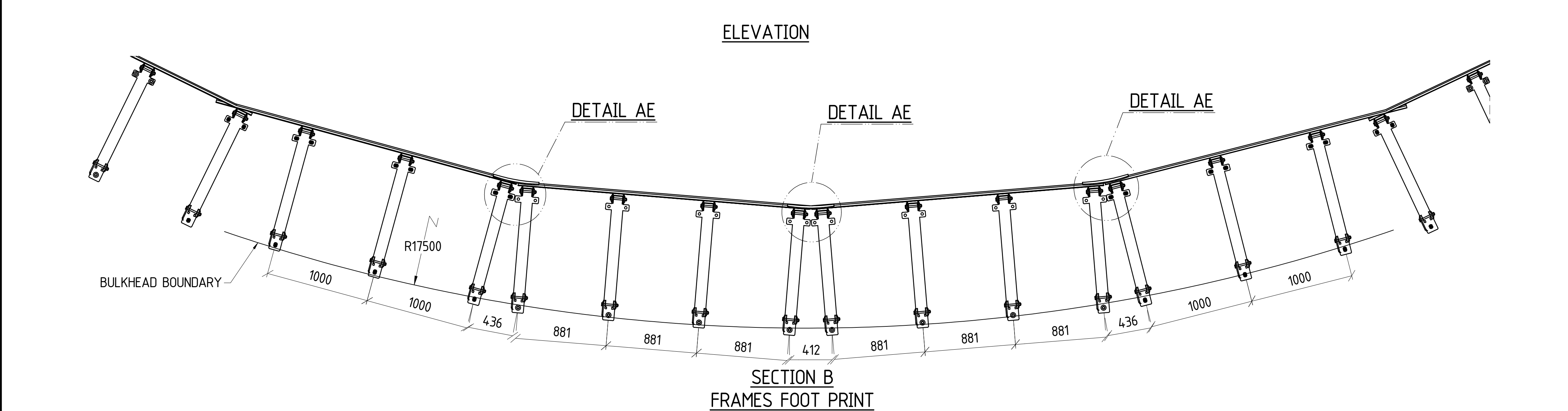
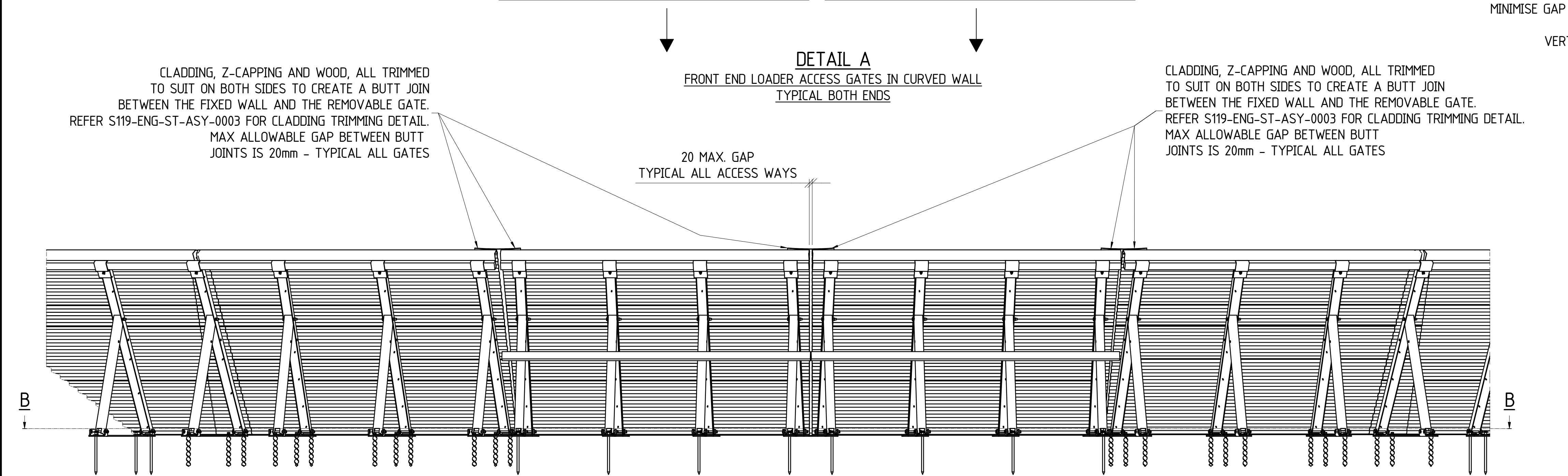
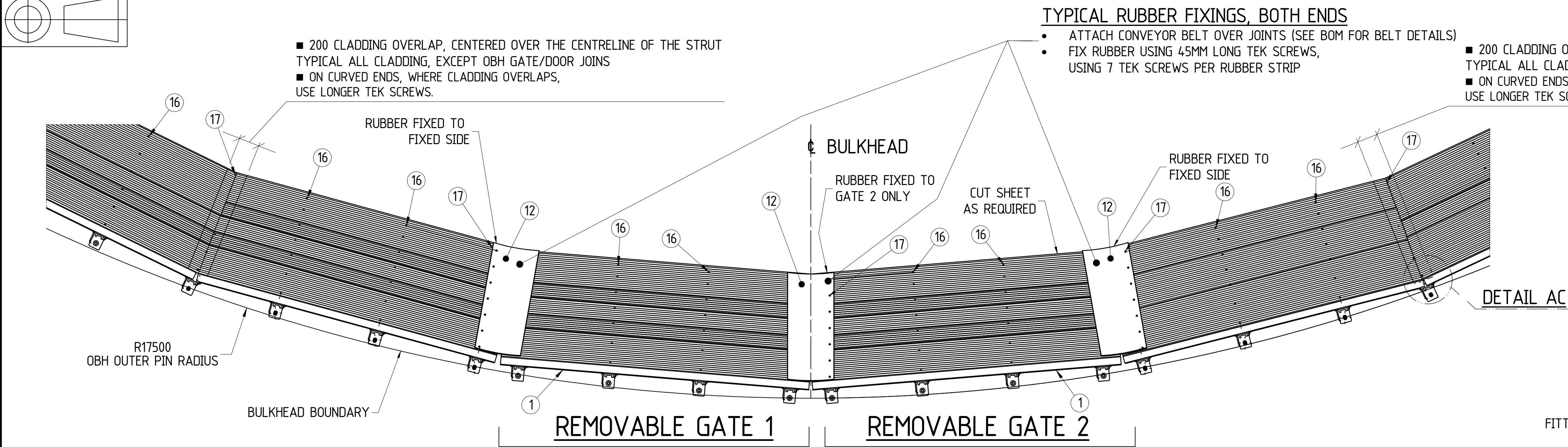
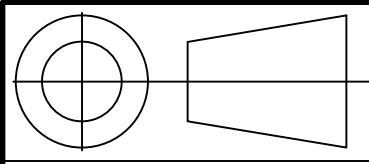
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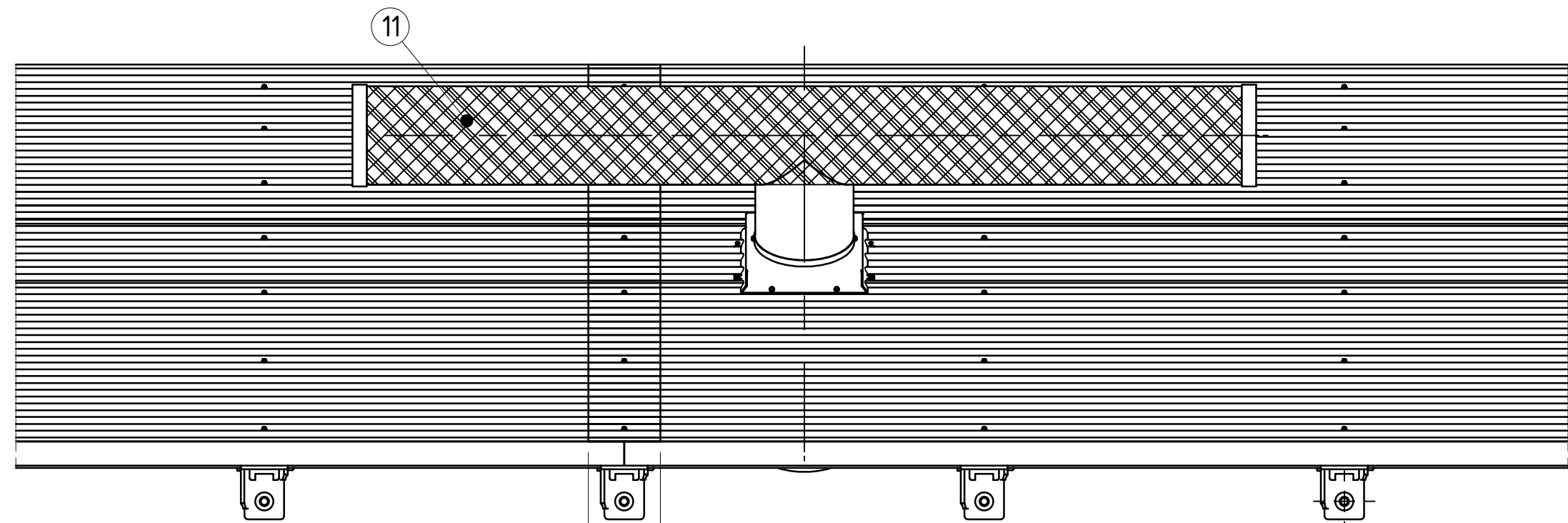
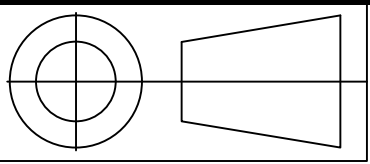
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CHECKED	LS	10/06/2020
ENGINEER	BC	11/06/2020
APPROVED	NH	11/06/2020

DRAWING TITLE
1.8m OPEN BULK HEAD
GENERAL ARRANGEMENT
TYPICAL CURVED END WALL LAYOUT

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PROJECT STANDARD	
DRAWING No S119-ENG-ST-DGA-0003	SHEET 5 OF 9
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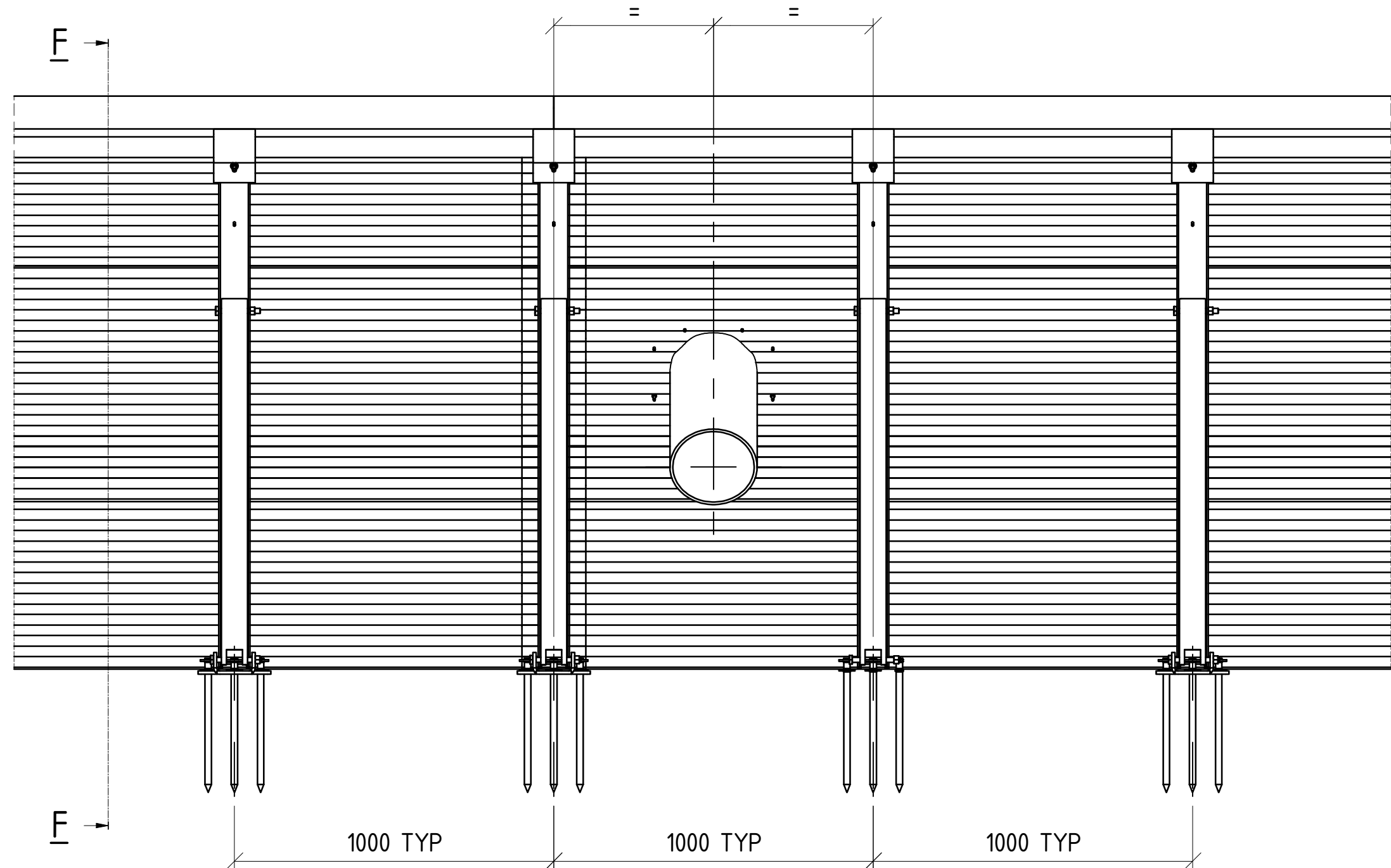


COPYRIGHT: THIS DRAWING AND THE CONTENTS DEPICTED OR WRITTEN THEREON, WHETHER IN WHOLE OR IN PART, IS THE EXCLUSIVE INTELLECTUAL PROPERTY OF CBH GROUP AND SHOULD NOT BE USED FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN APPROVAL OF CBH GROUP.		CBH GROUP HEAD OFFICE LEVEL 6, 240 ST GEORGE'S TERRACE, PERTH W.A 6000 PH (08) 9237 9600 FAX (08) 9322 3942																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
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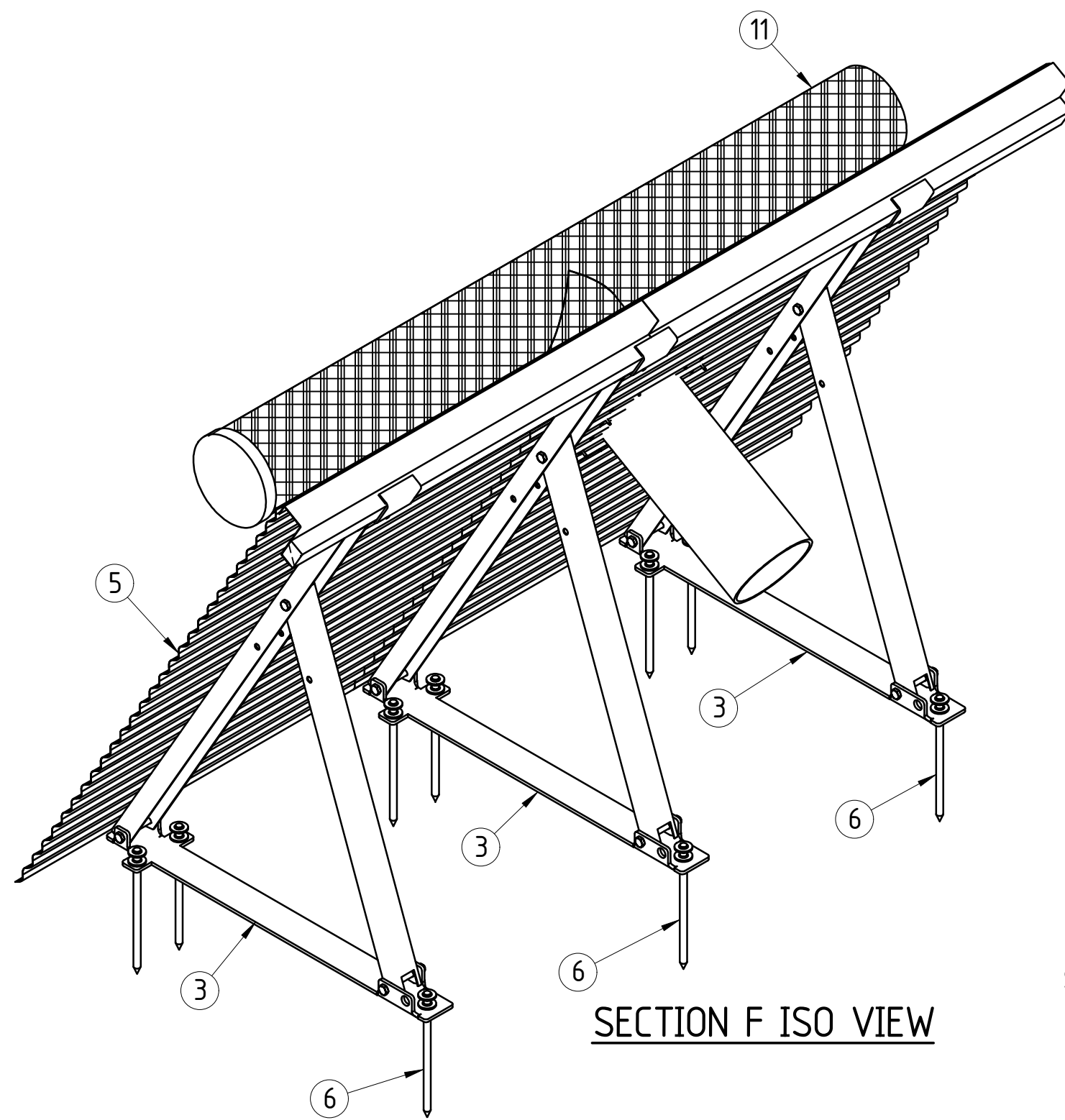


200 CLADDING OVERLAP, CENTERED OVER THE CENTRELINE OF THE STRUT
TYPICAL ALL CLADDING, EXCEPT OBH GATE/DOOR JOINS

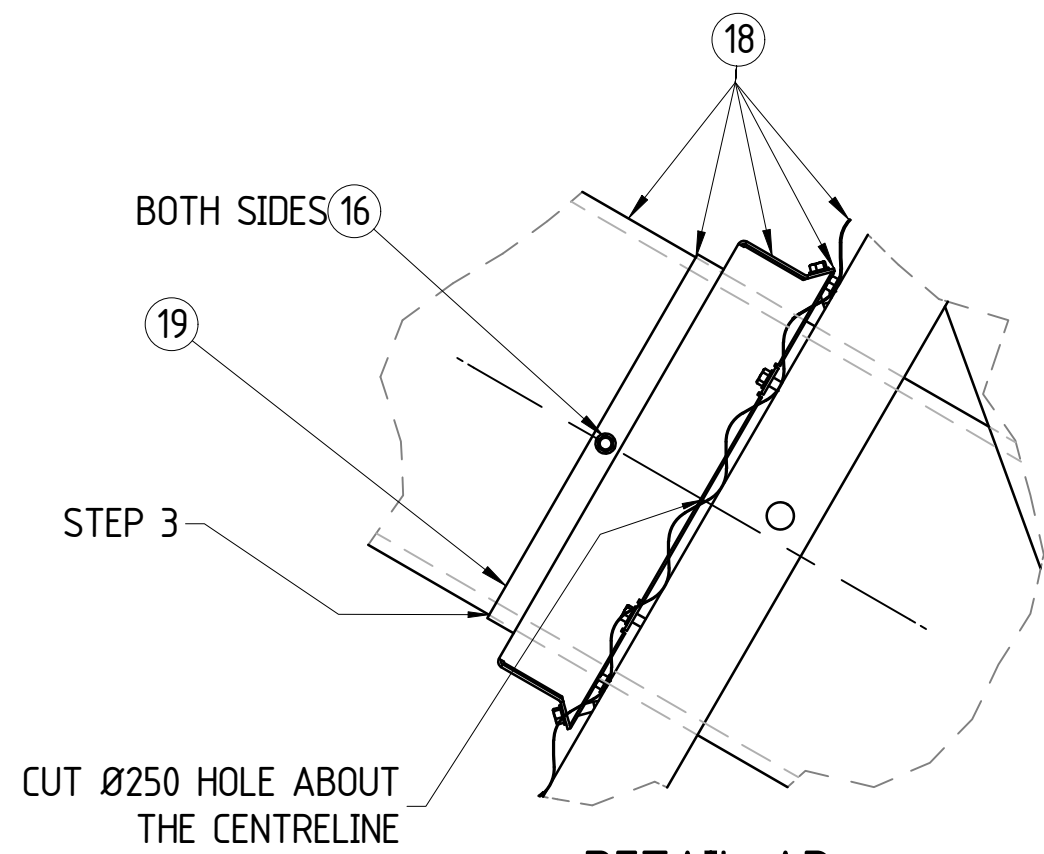
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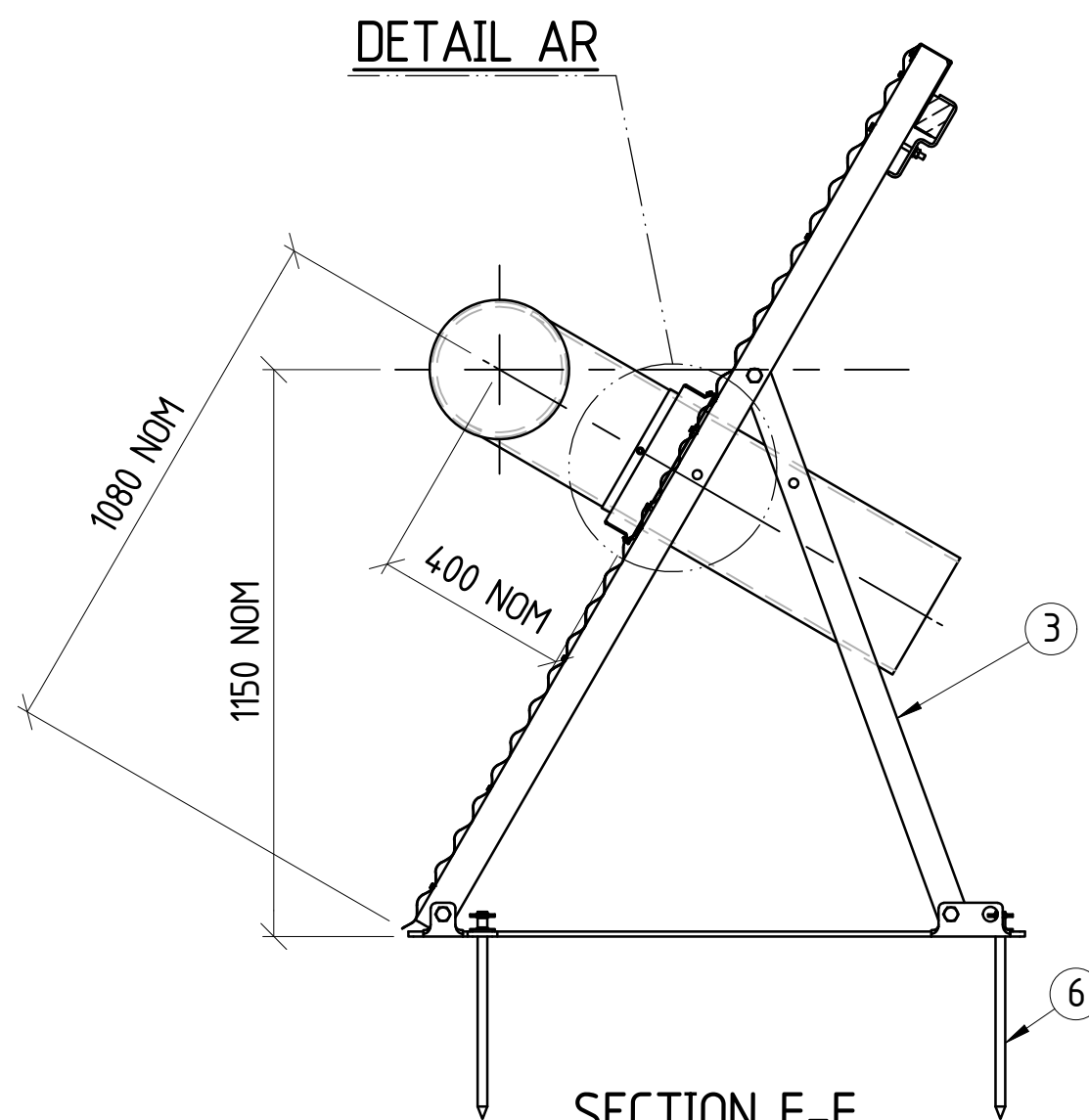
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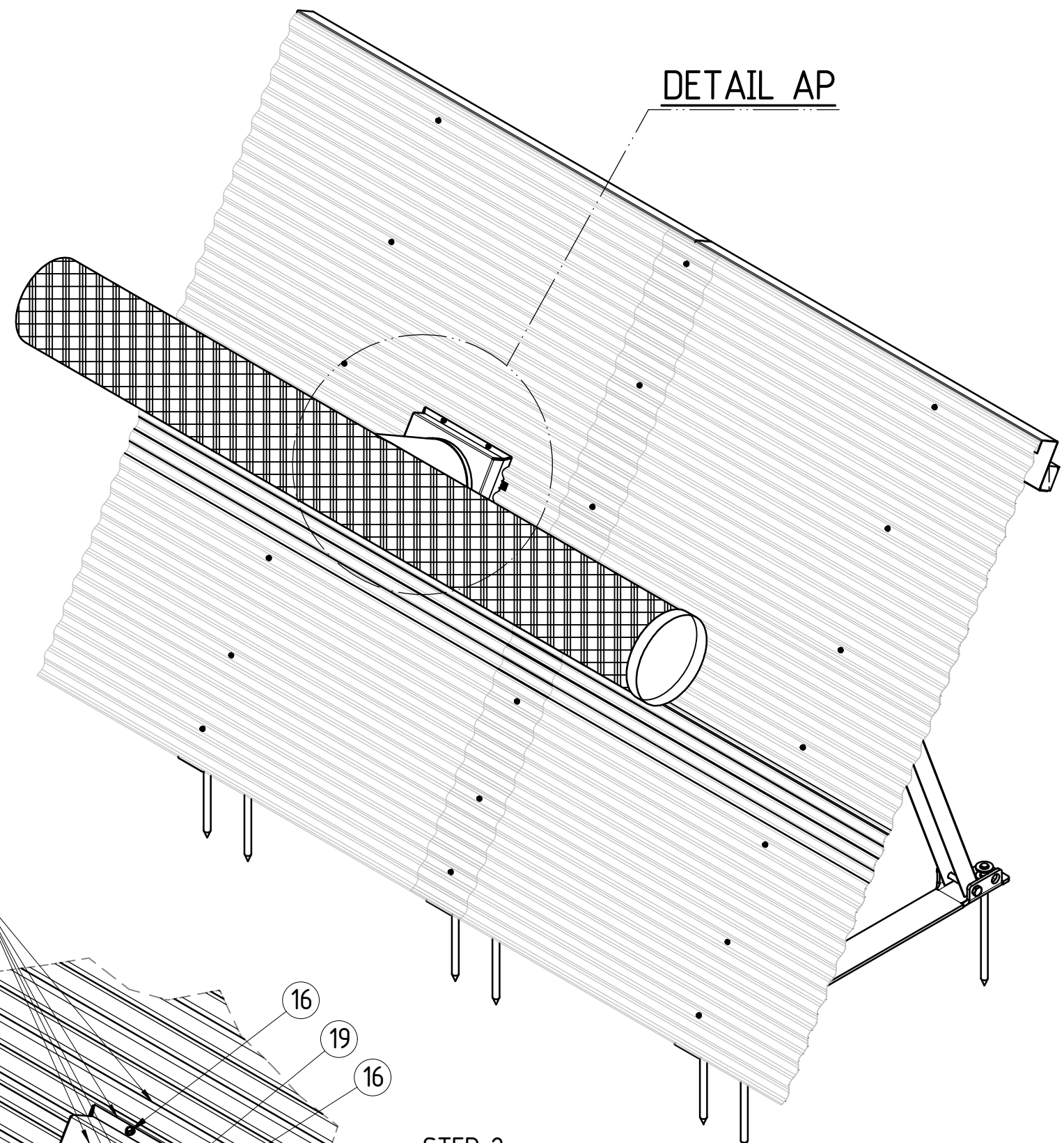
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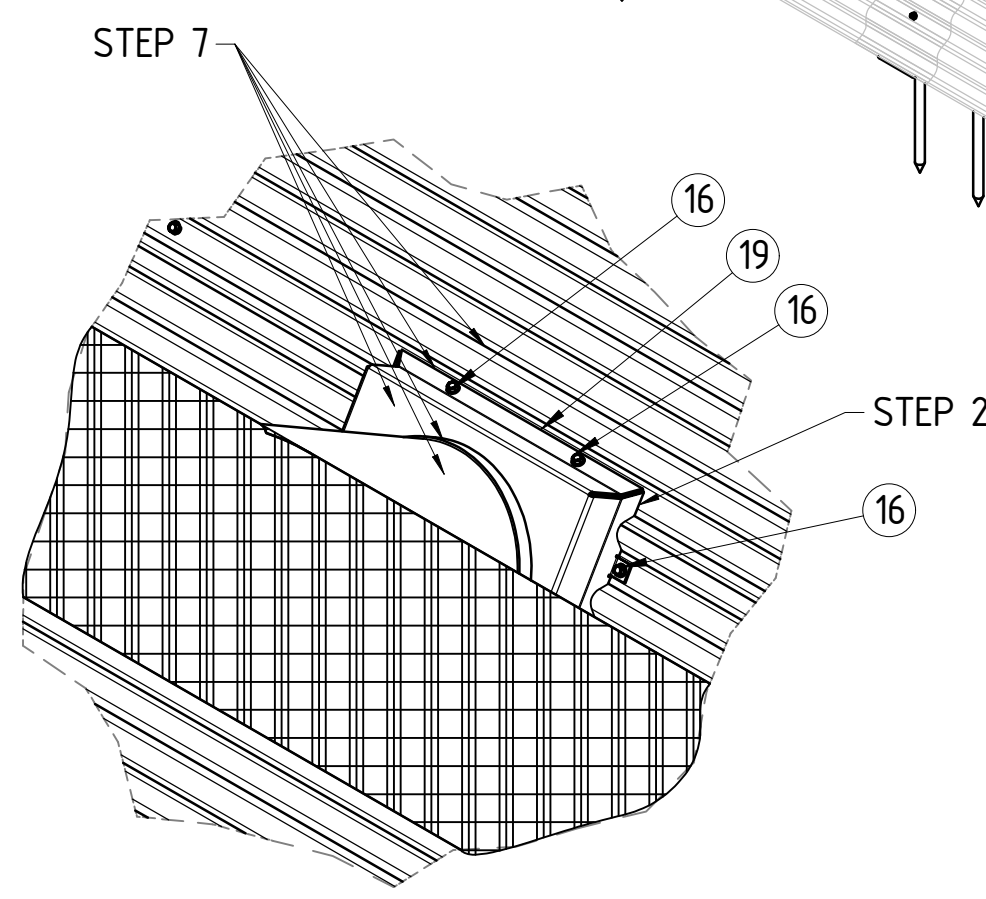
DETAIL AR



SECTION F-F



DETAIL AP



DETAIL AP

BACKGROUND:

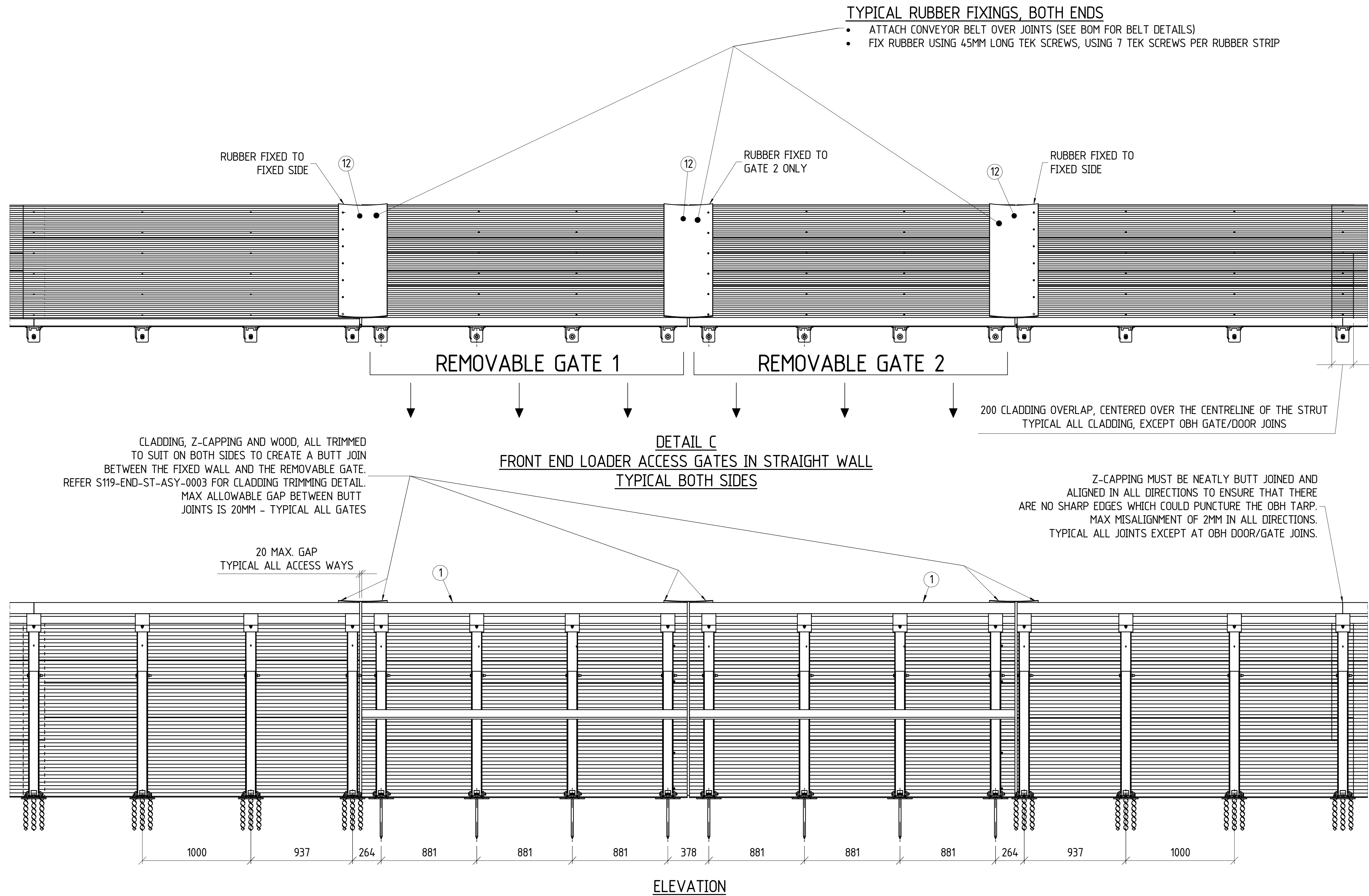
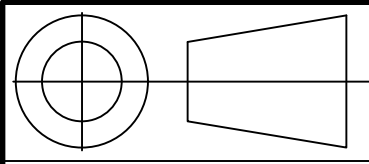
- THE 'T' PIECE IS USED TO PUMP HAZARDOUS FUMIGANT INTO THE STORAGE AFTER IT IS FULLY SEALED. CARE MUST BE TAKEN WHEN INSTALLING THE 'T' PIECE AND APPLYING THE SEALANTS TO ENSURE THE SEAL IS APPLIED TO A HIGH QUALITY.

USE THE FOLLOWING QUANTITY'S PER 1 'T'PIECE

- 1 X 600ML SAUSAGE OF BOSTIK SEAL AND FLEX 1
- 1L OF NOVALAST LTM 151

PROCEDURE:

- STEP 1: PREPARE AND CLEAN SURFACES WHERE SEALANTS ARE TO BE APPLIED AS PER MANUFACTURERS SPECIFICATIONS.
- STEP 2: INITIAL COLLAR INSTALL; APPLY A THICK (5-10MM) BEAD OF 'BOSTIK SEAL N FLEX 1' TO ALL EDGES OF THE T-PIECE MOUNTING COLLAR WHICH WILL CONTACT THE CORRUGATED CLADDING. TEK SCREW T-PIECE MOUNT (WITH BOSTIC SEALANT APPLIED) TO THE CLADDING USING 8 TEK SCREWS, EVENLY SPACED AROUND THE T-PIECE MOUNTING COLLAR.
- STEP 3: INSERT T-PIECE INTO THE T-PIECE MOUNTING COLLAR. SECURE THE T-PIECE AT THE LOCATION SHOWN, USING 2 X TEK SCREWS, THROUGH THE MOUNTING COLLAR RING. APPLY A THICK (5-10MM) BEAD OF 'BOSTIK SEAL N FLEX 1' AROUND THE JOIN AND AROUND ANY GAPS, INCLUDING AROUND THE TEK SCREWS. ALSO APPLY A THICK BEAD TO FILL THE GAP BETWEEN THE CLADDING AND THE T-PIECE, ON THE OUTSIDE OF THE BULKHEAD.
- STEP 4: LET SEALANT DRY AS PER MANUFACTURER'S DIRECTIONS.
- STEP 5: APPLY A SECOND THICK (5-10MM) BEAD OF 'BOSTIC SEAL N FLEX 1' AROUND ALL JOINS BETWEEN THE T-PIECE MOUNTING COLLAR, THE T-PIECE AND THE CLADDING.
- STEP 6: LET SEALANT DRY AS PER MANUFACTURER'S DIRECTIONS.
- STEP 7: PAINT THE ENTIRE T-PIECE MOUNTING COLLAR AND 150MM OF CLADDING AROUND THE COLLAR. ALSO PAINT 150MM OF THE T-PIECE, PAST THE COLLAR RING JOIN. PAINT WITH 'NOVALAST 151 LTM'
- STEP 8: LET SEALANT DRY AS PER MANUFACTURER'S DIRECTIONS.

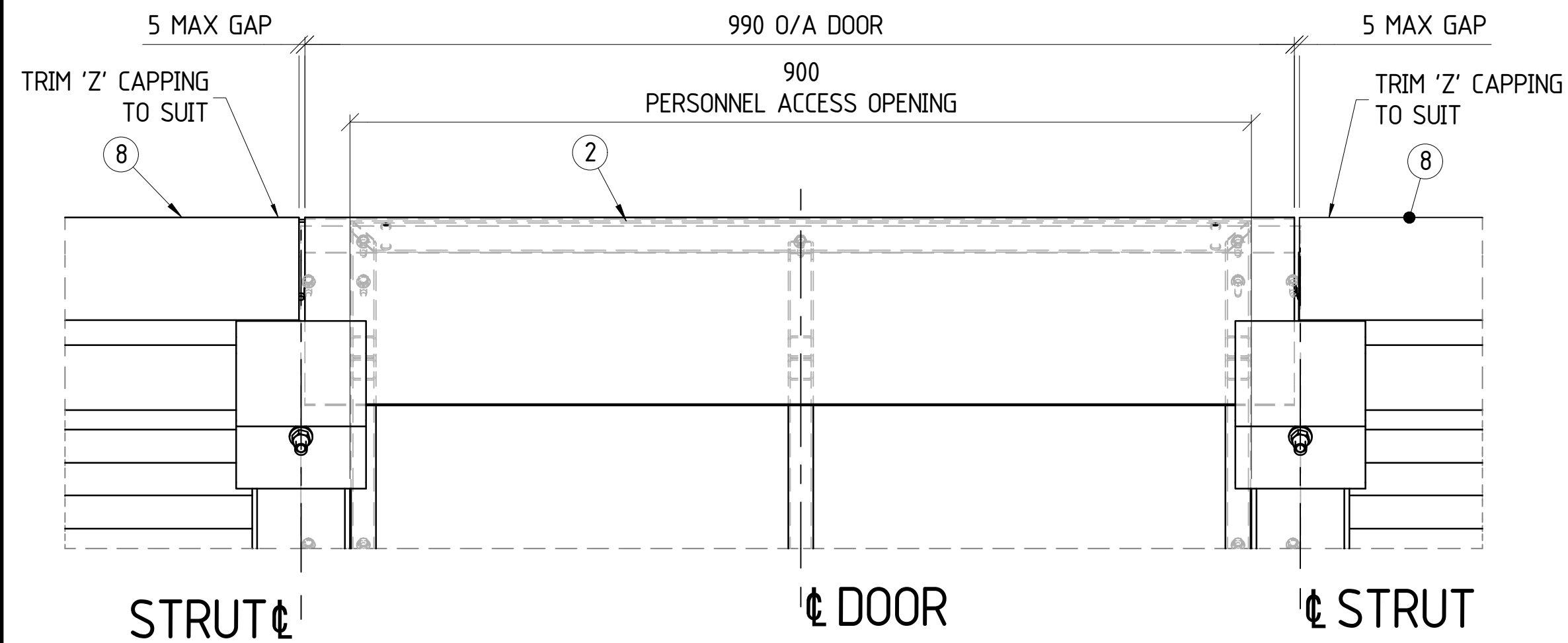
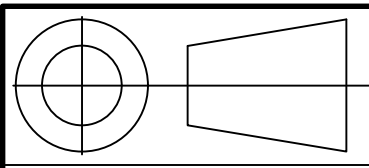


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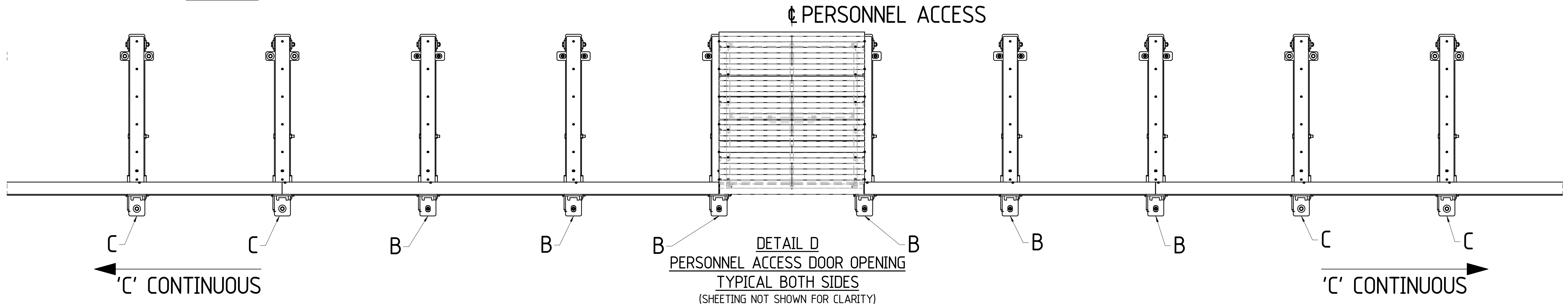
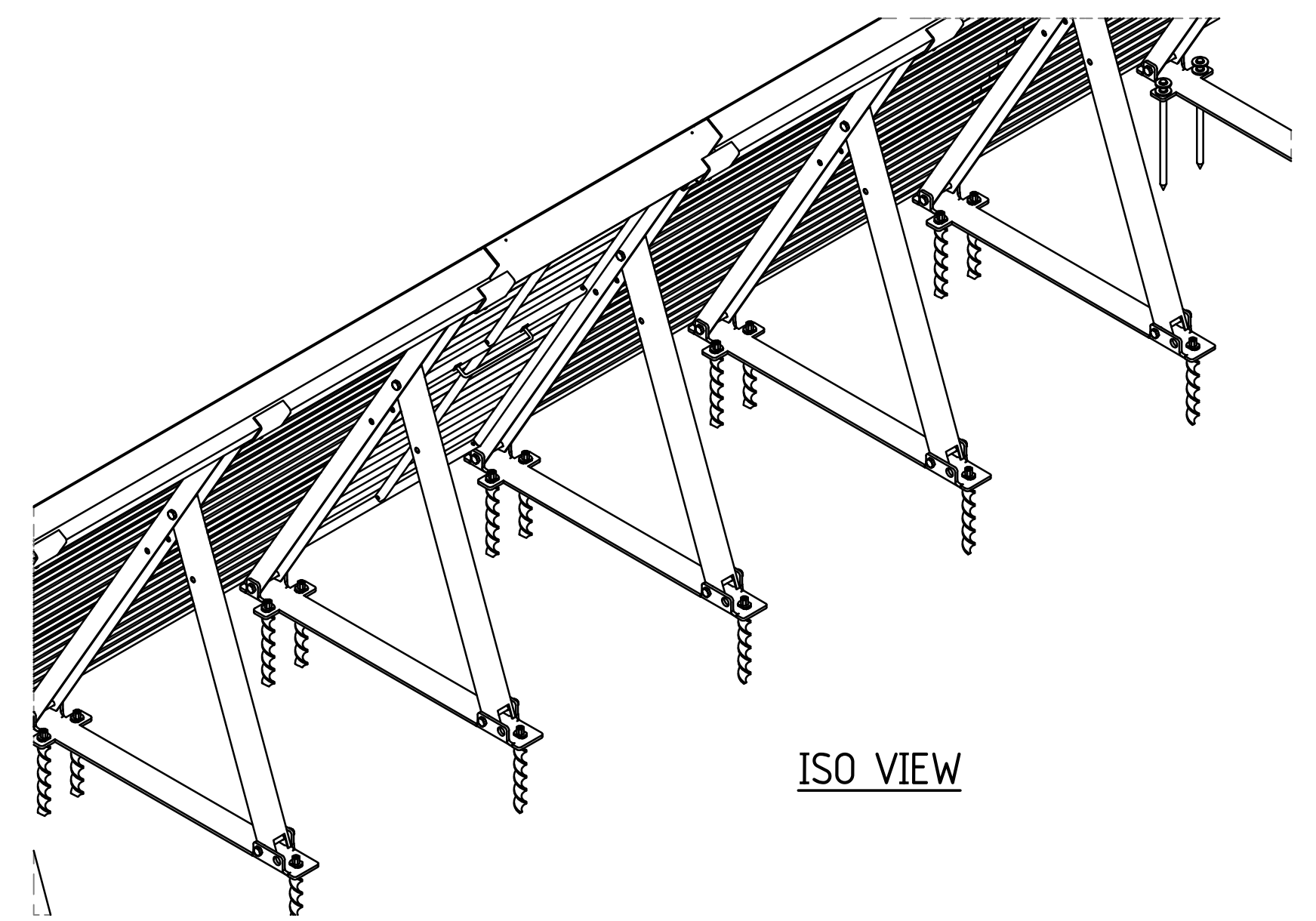
DRAWN	SCR	10/06/2020
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ENGINEER	BC	11/06/2020
APPROVED	NH	11/06/2020

DRAWING TITLE
1.8m OPEN BULK HEAD
GENERAL ARRANGEMENT
STRAIGHT OBH OPENING DETAIL

SITE	VARIOUS	SIZE	A1
PROJECT	STANDARD		
DRAWING No	S119-ENG-ST-DGA-0003	SHEET	8 OF 9
REV.			0



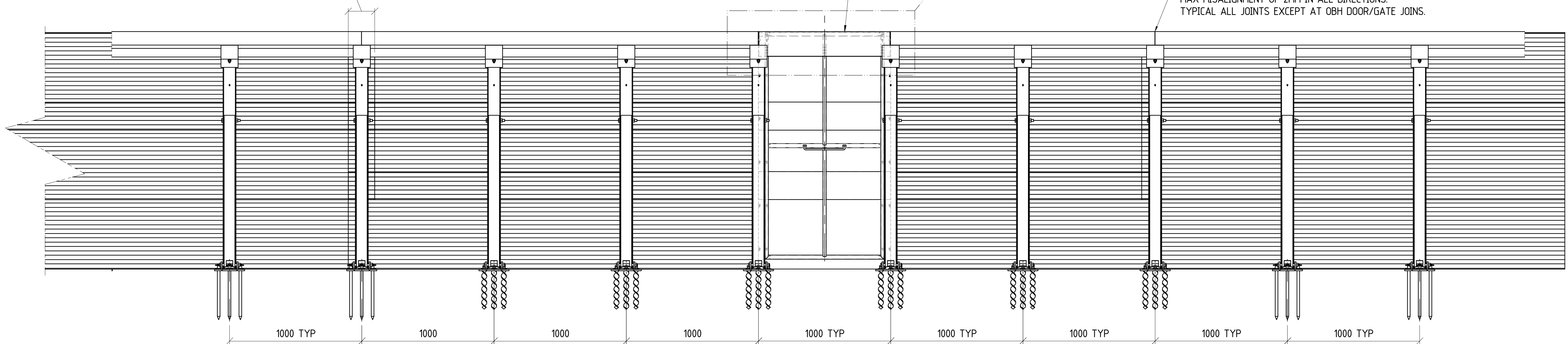
DETAIL AK



200 CLADDING OVERLAP, CENTERED OVER THE CENTRELINE OF THE STRUT
TYPICAL ALL CLADDING, EXCEPT OBH GATE/DOOR JOINS

DETAIL AK

Z-CAPPING MUST BE NEATLY BUTT JOINED AND
ALIGNED IN ALL DIRECTIONS TO ENSURE THAT THERE
ARE NO SHARP EDGES WHICH COULD PUNCTURE THE OBH TARP.
MAX MISALIGNMENT OF 2MM IN ALL DIRECTIONS.
TYPICAL ALL JOINTS EXCEPT AT OBH DOOR/GATE JOINS.



ELEVATION

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DRAWING TITLE
1.8m OPEN BULK HEAD
GENERAL ARRANGEMENT
PERSONELL ACCESS DOOR DETAIL

SITE
VARIOUS
PROJECT
STANDARD

DRAWING No
S119-ENG-ST-DGA-0003

SHEET
9 OF 9

SIZE
A1

REV.
0



Stormwater Management Plan

Project:	Morawa Site Upgrade
Client:	CBH
Author:	R. Needham
Date:	8 th May 2023
Shawmac Document #:	2301015-REP-001

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Document Status:

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1. Introduction

1.1. The Project

In recent years, CBH have constructed emergency works on previously vacant land near their existing Morawa grain receival site. These works consisted of 3x unsealed emergency bulkheads (TBH03, 04 and 05), and marshal/sample/weigh facilities.

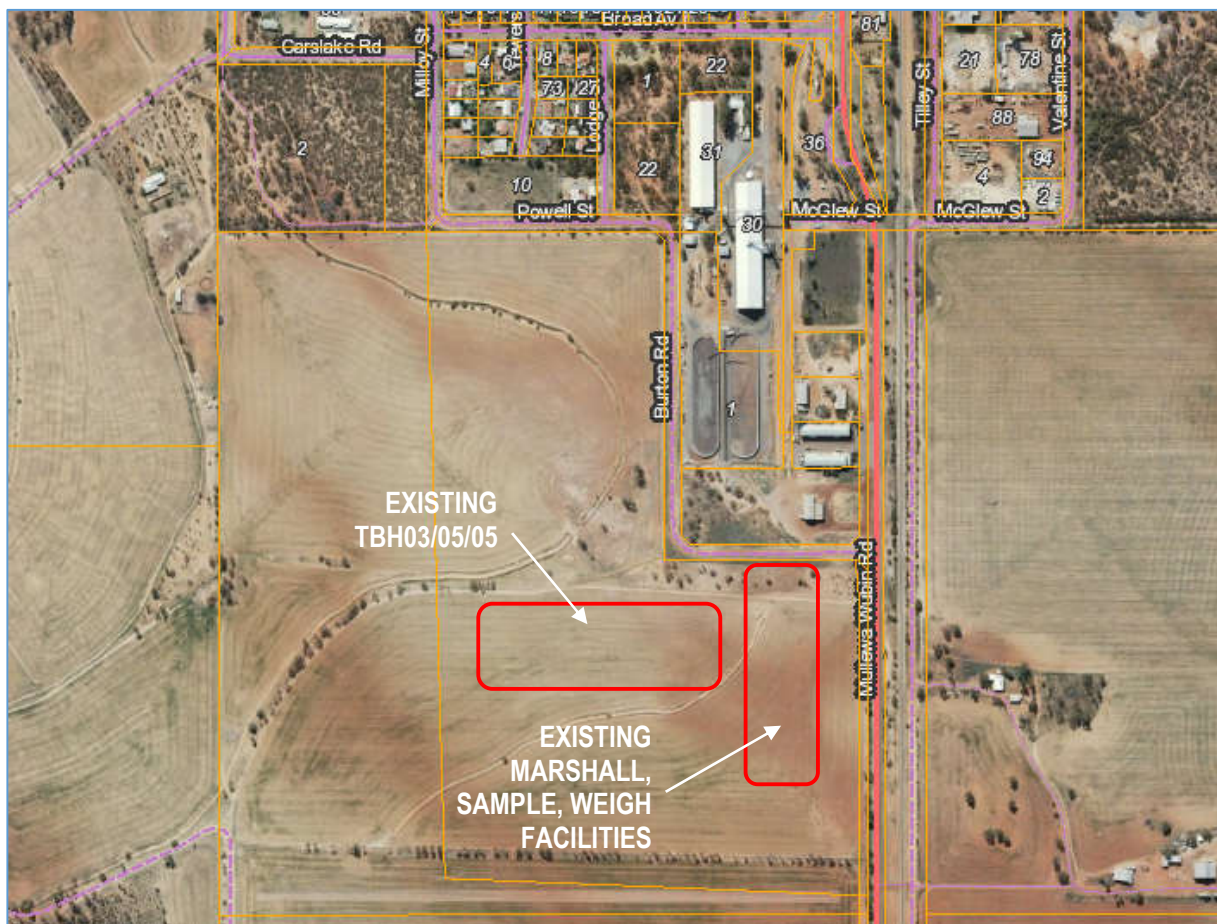


Figure 1: Site Location

CBH now wish to retain the works for permanent use, and this will require upgrading the existing pavements and drainage infrastructure, noting that the emergency builds were relatively low standard and intended for short-term use only.

1.2. History

Shawmac has previously completed a Stormwater Management Plan supporting the emergency builds for the sites. Refer to document 2107006-REP-001.



1.3. Purpose

The purpose of this report is to outline and quantify the proposed stormwater management measures to be adopted for the upgrades. This report should be read in conjunction with the design drawings and the emergency build Stormwater Management Plan (document 2107006-REP-001).

2. Pre-Existing Situation

2.1. Site Characteristics

CBH's existing permanent facilities are located to the north and east of Burton Road. The recently constructed emergency facilities are located on a new site on the southern side of Burton Road. Prior to construction of the emergency facilities, the existing site was vacant, cleared of almost all natural vegetation and was previously used for cropping. Other than a few contour bunds, the site is featureless.

2.2. Topography

The site falls from the north west to the south east at a grade of around 2%. The area proposed for the emergency infrastructure falls by about 8m from a high of 279m AHD in the northwest to a low of 271m AHD in the south east.

Figure 2 shows the existing topography of the site with 2m contours.

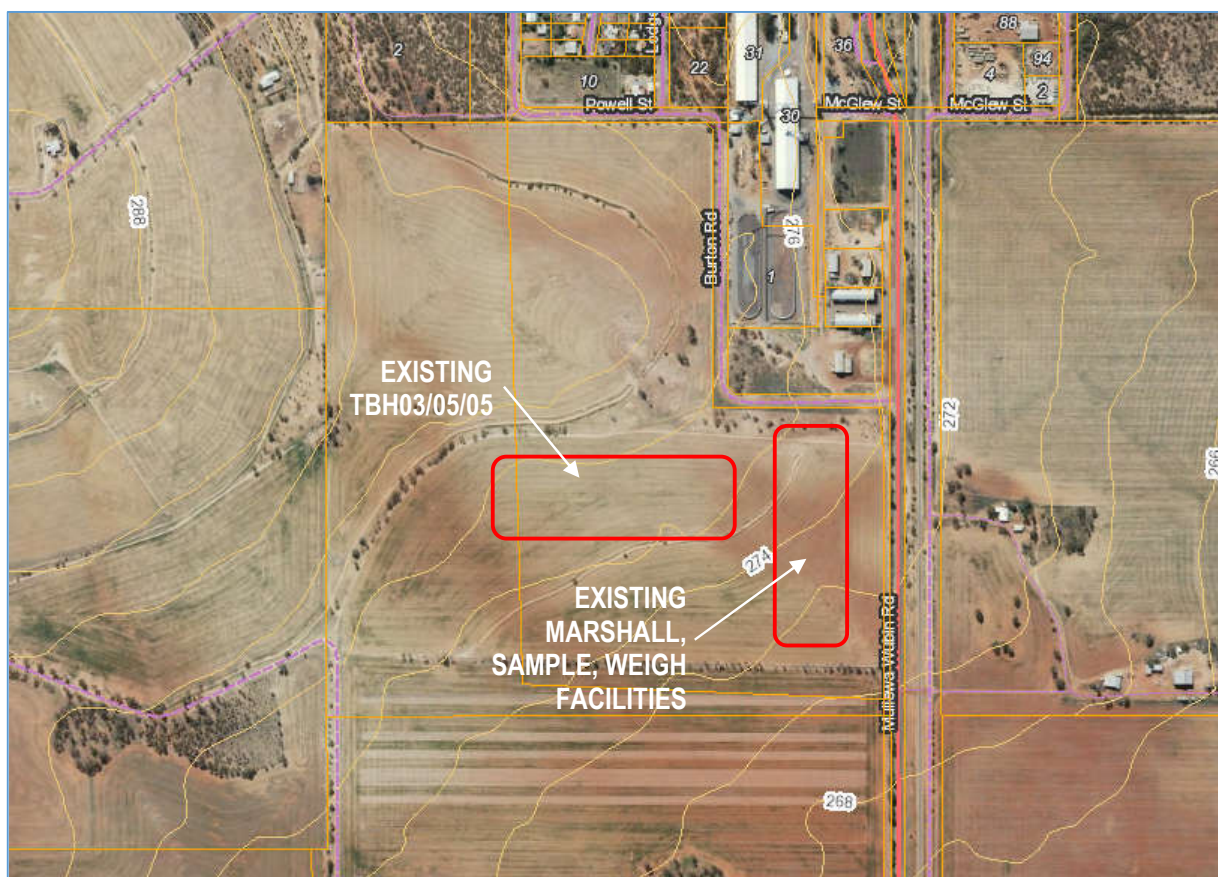


Figure 2: Existing Topography

2.3. Geotechnical

A geotechnical investigation on the pre-existing site was not undertaken. Reference has therefore been made to the 1:250,000 GSWA geological map "Perenjori". An excerpt of this map is shown in **Figure 3**.

The map indicates that the site surficial soils consist of “Residual deposits – sand, clay, duricrust, maybe overlying sandstone” in the higher areas and “Alluvial and colluvial deposits – transported clay, sand, lithic fragments” in the lower areas.

Based on this and previous experience in the area, it is expected that the site soils, particularly in the lower areas, will have poor permeability characteristics and the site will be unsuitable for stormwater disposal via infiltration. It is also anticipated that rock may be encountered which will limit the potential depths of drainage basins.

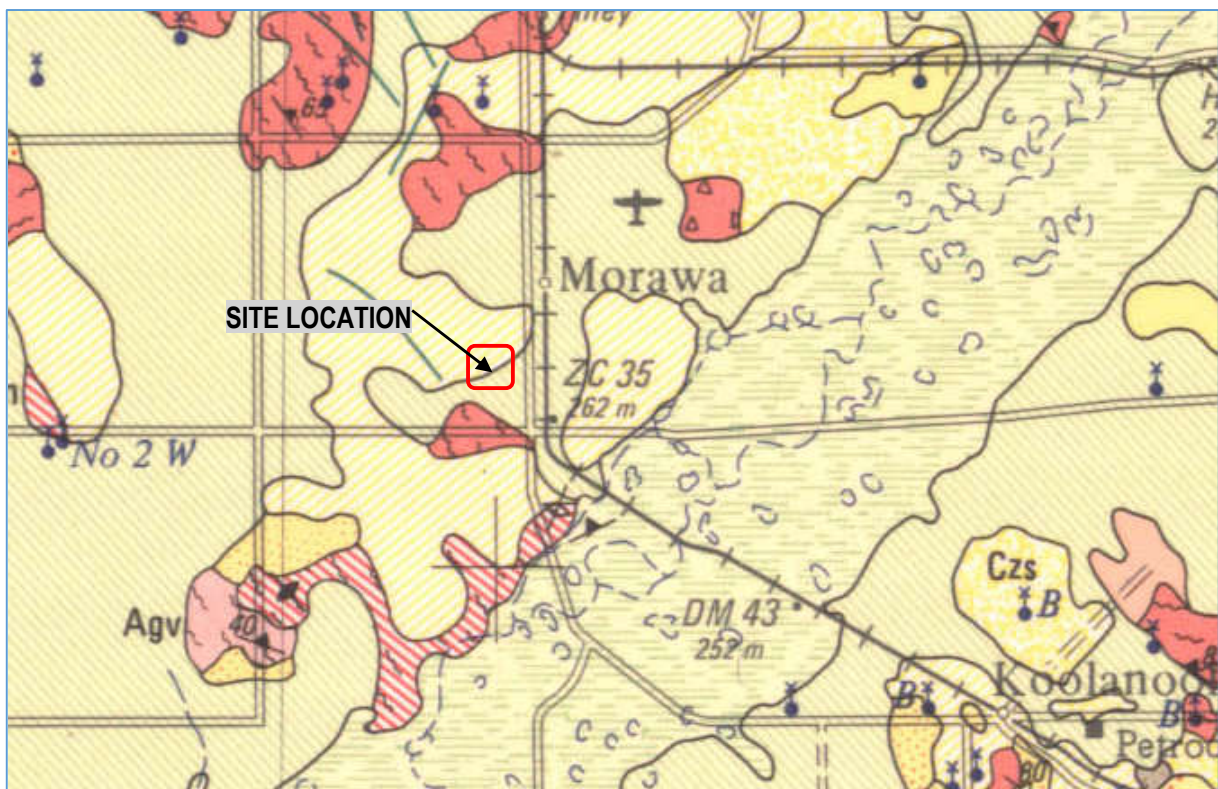


Figure 3: 1:250,000 Geological Map Excerpt

CBH commissioned WSP to undertake a geotechnical investigation in 2022, after construction of the emergency facilities, and focusing on the proposed permanent pavement upgrades. This investigation considered the areas of existing emergency pavements and found that the subsurface conditions generally (but with variability) consisted of:

- Clayey Gravel/Sandy Gravel unsealed pavement; overlying
- Sand/Clayey Sand/Sandy Clay.

2.4. Environmental

There are no notable sensitive environmental features with the site or in the near vicinity. The surrounding land is almost completely cleared of natural vegetation and features and is used for cropping.

2.5. Catchment and Surface Water Flows

The site is located within a relatively small catchment extending to a ridge just to the north west of the site. The catchment consists entirely of farmland and the flow paths are influenced by the contour banks which have been installed in this land.

The catchment falls to the southwest corner of the CBH site where a semi-defined flow path continues through to the Wubin-Mullewa Road which is then intercepted by the table drain that continues falling to the south. The existing emergency drainage basin 'B' is located within this flow path.

Figure 4 shows the general layout of the proposed CBH infrastructure and the catchment of influence. The catchment is approximately 13ha in area.

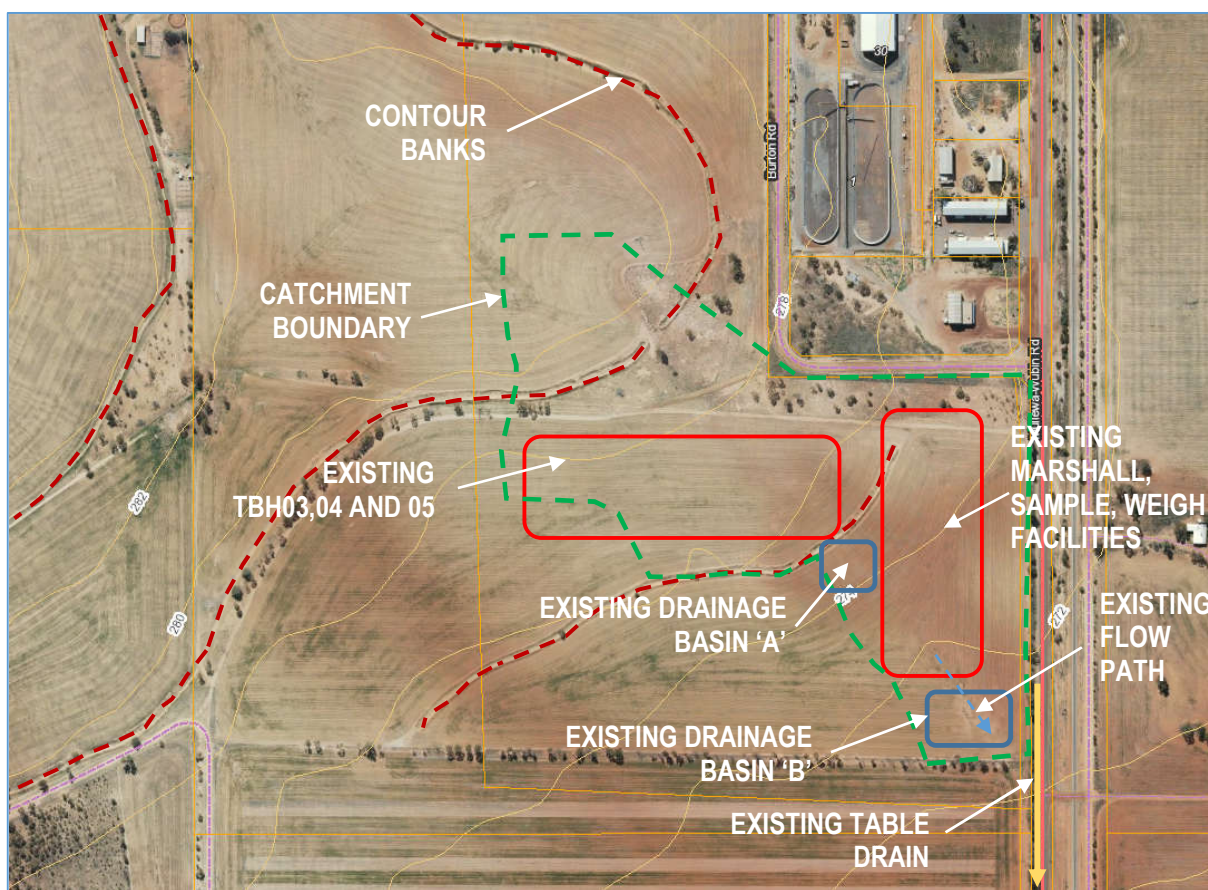


Figure 4: Existing Catchment

The pre-existing catchment was assessed using the index flood method as described in Australian Rainfall and Runoff (2001), based on a catchment area of 13ha and a streamflow length (taking into account the contour banks) of 913m. The estimate existing flow rates for various Average Recurrence Intervals are shown in **Table 1**.



Table 1: Existing Flow Rates

2-year	5-year	10-year	20-year	50-year
0.07m ³ /s	0.15m ³ /s	0.28m ³ /s	0.49m ³ /s	0.92m ³ /s

3. Stormwater Management Strategy

3.1. Strategy Overview

The general stormwater management strategy is consistent with that implemented for the emergency builds. This generally involved directing stormwater towards 2x interconnected basins. The site's existing flow path is towards Wubin-Mullewa Road in the south-east; however, the Shire of Morawa did not wish to allow stormwater from the development to leave the site and accordingly, the basins were designed to hold the entirety of the critical 5-year ARI event, consistent with CBH's emergency design criteria.

The stormwater management strategy proposed for the site upgrade is the same except as follows:

- Design criteria to be based on CBH's 20-year permanent standard.
- Allowance for increased runoff due to sealing of the pavement areas.
- Provision of freeboard to pavement subgrades, consistent with CBH's Design Specification TS10A (Rev 3).
- Deletion of existing mid-level basin (previously termed Basin A) due to insufficient freeboard and concerns regarding potential for this to result in groundwater flow under the marshal/sample/weigh area pavements.

As the site soils are likely to be impermeable, it is preferable that the basin be made free draining (i.e., with an outlet at the bottom) so that water can empty after a rainfall event and storage capacity is restored in time for the next rainfall event. The existing flow path continues to the table drain along Wubin-Mullewa Road and it would be possible to maintain this situation by allowing the drainage basin to release stormwater in this direction. However, the Shire has instructed that no stormwater be directed to Wubin-Mullewa Road and as such, the basins will be designed to retain all stormwater for the critical 20-year event (24 hour), in accordance with CBH's permanent design criteria. This typically represents the average rainfall that Morawa receives in the months of June and July combined.

It should be noted that the basins will start to fill after the first rains and due to the poor infiltration characteristics of the site soils, will drain very slowly. It is possible that Basin 'A' may overtop towards Wubin-Mullewa Road and may cause damage to the existing table drain or road shoulders. CBH will need to monitor water levels and pump out stored water as required to ensure sufficient capacity remains after rainfall events.

3.2. Design Criteria and Modelling Assumptions

Based on the adopted strategy and CBH's Design Specification TS10A (Rev 3), the key stormwater management design criteria are summarised as follows:

- The existing internal and external catchments should retain their current flow paths through to the existing basin which is to be enlarged.
- The basin is to be sized for the critical 20-year event, with no outfall, and a 300mm freeboard to adjoining pavement subgrades.
- The open drains and culverts are to be sized for the 20-year ARI event in accordance with CBH requirements and water levels are to maintain a 300mm freeboard to pavement subgrade level for both short-term and long-term ponding.
- Inverts of drains are to be set a minimum of 400mm below subgrade.
- A nominal 100mm/day infiltration rate within the basin has been assumed to reflect some seepage and evaporation.
- Minimum drain fall of 0.3%.
- Scour protection to be provided where velocities are $>2\text{m/s}$.

A XPSTORM model has been built for the design. The following key assumptions/parameters were utilised:

- Infiltration losses were assumed as 15mm from pervious areas. Nil losses were assumed for impervious areas.
- Rainfall intensities and temporal patterns are consistent with ARR 2019.
- Manning's 'n' value of 0.03 was used for open drains, which assumes CBH will maintain the drains in firm, clean condition in perpetuity.

3.3. Stormwater Quantity

Table 2, **Table 3** and **Table 4** provide the key modelling outcomes for the Basins, Open Drains, and Culverts, respectively.

Table 2: Basin Details

Item	Basin A
Base Level (m AHD)	268.80
Base Area (m ²)	3,010
Top Level (m AHD)	271.80
Top Area (m ²)	8,148
TWL (m AHD)	270.98
Freeboard (m)	1m ¹

¹ Basin water depth is governed by providing freeboard to subgrades of connected pavement areas. Freeboard shown is to basin top level which is the existing bund level.

Table 3: Open Drain Details

Open Drain	Description	Max Flow (m ³ /s)	Max Velocity (m/s)	Max Flow Depth (m)
A	Along southern edge of TBH04 into Culvert C	0.26	0.94	0.26
B	Along northern edge of TBH05 into Culvert A	0.07	0.41	0.14
C	Through Decommissioned Basin	0.58	0.74	0.36
D	Along western edge of sampling area	1.03	1.31	0.46
E	Along eastern edge of marshalling area	0.11	0.54	0.46
F	Inlet to Basin	1.23	1.15	2.17 ¹

¹ Governed by basin water level.

Table 4: Culvert Details

Culvert	Description	Size	U/S Shoulder Level (mAHD)	HW Level (mAHD)	Max Flow (m ³ /s)	Max Velocity (m/s)
Culvert A	Under CBH entry road to TBH03/04	1200x300RCB	277.59	275.97	0.15	0.86
Culvert B	Under exit lane from DOG Road	1200x300RCB	274.81	273.92	0.37	1.37
Culvert C	Under existing exit lane from TBH05	600x300RCB	275.21	274.57	0.26	2.52
Culvert D	Under marshalling area	600RCP	272.72	271.64	0.11	1.62



Traffic Impact Assessment

Project:	Morawa Grain Facility 2021 Emergency Bulkheads
Client:	CBH
Author:	R. Needham
Doc No:	2107006-TIA-004
Revision:	B

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Document Status

Revision	Prepared By	Reviewed By	Approved By	Issue	Date
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B	R. Needham	K. Li	R. Needham	Issued for Client Review	10/09/21

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Glossary of Terms

Abbreviations

AADT	Annual Average Daily Traffic
ASD	Approach Sight Distance
AWT	Average Weekly Traffic
BAL	Basic Left Turn Treatment
BAR	Basic Right Turn Treatment
AUL	Auxiliary Left Turn Treatment
AUR	Auxiliary Right Turn Treatment
CHL	Channelised Left Turn Treatment
CHR	Channelised Right Turn Treatment
ESD	Entering Sight Distance
Km	Kilometre
Km/h	Kilometres per Hour
MRWA	Main Roads Western Australia
RAV	Restricted Access Vehicle
SISD	Safe Intersection Sight Distance
SLK	Straight Line Kilometre
TIS	Traffic Impact Statement
TIA	Traffic Impact Assessment
Vpd	Vehicles per Day
Vph	Vehicles per Hour
HGV	Heavy Goods Vehicle

1. Introduction

1.1. Background

CBH are currently progressing the planning for an emergency bulkhead (OBH) to be installed adjacent to their existing Morawa site. CBH propose to construct two new bulkheads (TBH 03 and TBH04) which will increase the Morawa storage capacity by 57,040t to a total of 135,390t. In addition, new marshal, sample and weigh facilities will be installed to support the emergency bulkhead. The emergency bulkhead and supporting facilities are proposed to be in place for one year only.

This Traffic Impact Assessment (TIA) has been prepared to support the Shire of Morawa Development Application.

Figure 1 shows the existing CBH Morawa facilities and **Figure 2** shows the location of the proposed emergency bulkheads. Refer to **Appendix A – CBH Concept Plan** for full details of the proposed works.



Figure 1: Project Location



Figure 2: Location of Emergency Bulkhead

2. Existing Situation

2.1. Road Network

The layout and hierarchy of the existing local road network according to the Main Roads WA Road Information Mapping System is shown in **Figure 3**.

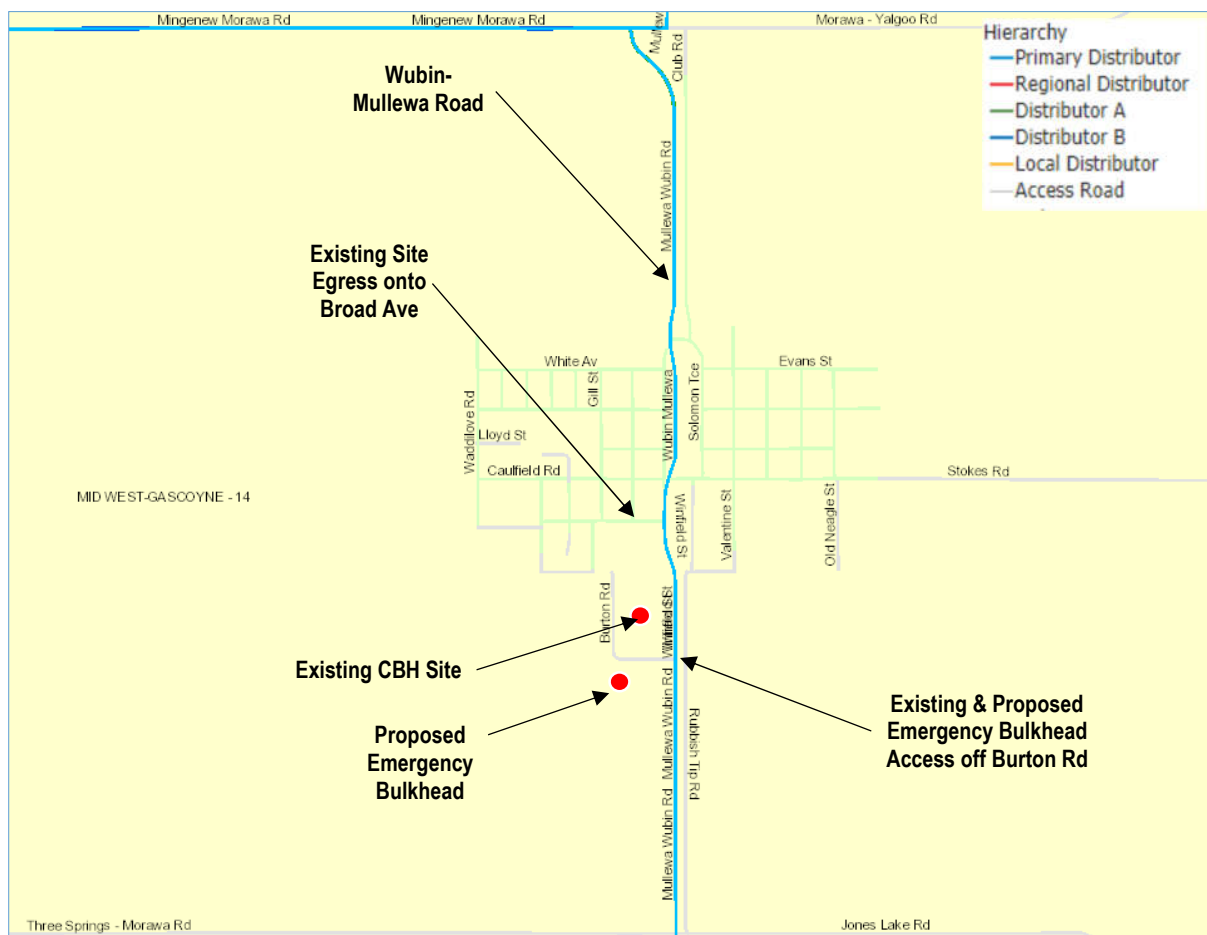


Figure 3: Adjacent Road Network

2.2. Carriageway Width and Cross Section

The configuration of the relevant roads is summarised in **Table 1**.

Table 1: Road Configuration

Road and Location	Road Type	Cross Section	Sealed Pavement Width (Approx.)
Wubin-Mullewa Road	Primary Distributor	2 lane single carriageway	7.2m
Burton Road	Access Road	2 lane single carriageway	8.0m min.*
Broad Avenue	Access Road	2 lane single carriageway	8.0m

* unsealed – carriageway width shown.

2.3. Traffic Volumes

As per MRWA's Traffic Map, the nearest count site available is on Mullewa-Wubin Road, north of Morawa Yalgoo Road, just to the north of the Mullewa townsite. This indicates an average weekday traffic of 157 vehicles (combined directions) for 2020/2021.

There is another count site available on Mullewa-Wubin Road, south of Morawa-Three Springs Road, approximately 9.5km south east of the Morawa townsite. This site indicated an average weekday traffic of 220 vehicles (combined directions). As there are no significant intersecting roads or traffic generators between this site and the Morawa townsite, it is considered that this site best represents the existing traffic along Wubin-Mullewa Road, past the CBH facilities, near the Burton Road intersection.

Traffic count data was not available for Burton Road or Broad Avenue and the existing traffic along these roads and conservative assumptions of the existing traffic have been made based on road connectivity and density of nearby developments.

It is assumed that none of the traffic volumes capture existing CBH traffic.

Table 2 and **Table 3** provide a summary of the existing daily and peak hour traffic volumes. Refer to **Appendix B – Traffic Count** for detailed traffic data for the nearby count sites.

Table 2: Weekday Traffic Volumes

Road	Location	Daily	% HV	Data Source
Wubin-Mullewa Road	Burton Road	220	28	Assumed
Burton Road	West of Wubin-Mullewa Road	50	40	Assumed
Broad Avenue	West of Wubin-Mullewa Road	100	30	Assumed

Table 3: Weekday Peak Hour Traffic Volumes

Road / Direction	Location	Overall Peak Hour	Data Source
Wubin-Mullewa Road	Burton Road	26	Assumed
Burton Road	West of Wubin-Mullewa Road	5	Assumed
Broad Avenue	West of Wubin-Mullewa Road	10	Assumed

2.4. RAV Status

As per MRWA HVS network mapping tool:

- Wubin-Mullewa Road is categorised under Tandem Drive RAV 7.3 network with the following conditions:
 - Maximum Speed through Morawa Townsite 40 km/h. From approx. 570 m North of Burton Road to approx. 260 m North of Solomon Terrace.
- Burton Road is categorised under Tandem Drive RAV 7.1 network without conditions.
- Broad Avenue east of the site exit is categorised under Tandem Drive RAV 7.1 network without conditions.

The following road networks are categorised under Tri-Drive RAV network:

- Wubin-Mullewa Road is categorised under Tri-Drive RAV 4.3 network with the following conditions:
 - Maximum Speed through Morawa Townsite 40 km/h. From approx. 570 m North of Burton Road to approx. 260 m North of Solomon Terrace.
- Burton Road is categorised under Tri-Drive RAV 1.1 network without conditions;
- Broad Avenue east of the site exit is categorised under Tri-Drive RAV 1.1 network without conditions.

The Broad Avenue and Wubin-Mullewa Road intersection contain conditions which prohibit a right turn from Wubin-Mullewa Road into Broad Avenue and a left turn into Wubin-Mullewa Road from Broad Avenue for RAV 5-7 vehicles.

Figure 4 shows the Tandem Drive RAV 7.1 network for the road network in the vicinity of the site.

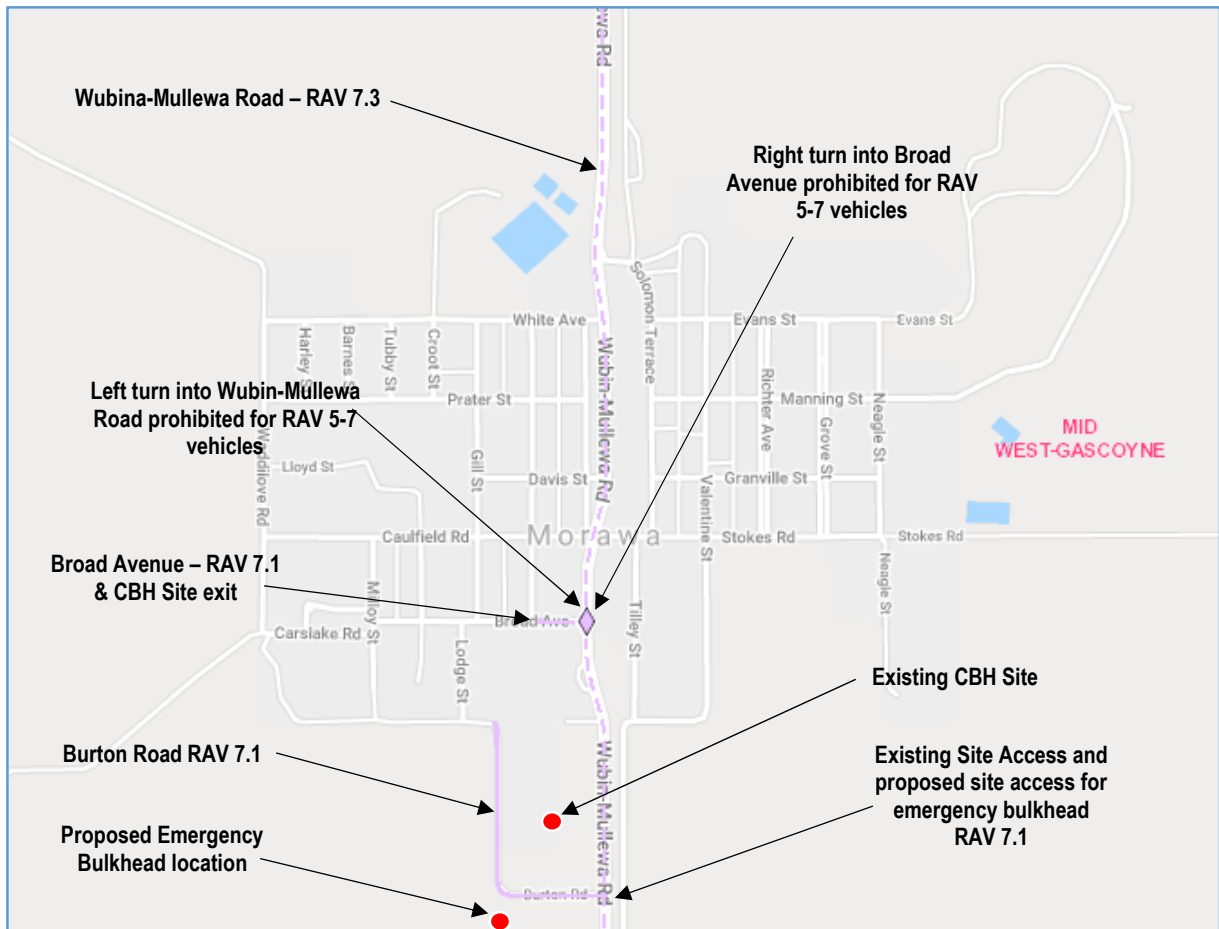


Figure 4: Tandem Drive RAV Network

2.5. Speed Limit

As per MRWA Road Information Mapping System, Wubin-Mullewa Road is operating under 80 km/hr speed limit adjacent to the CBH facility and 50km/h through the main town site. Burton Road and Broad Avenue operate under an 50km/hr speed limit. The speed limit of the adjacent road network is shown below in **Figure 5**.

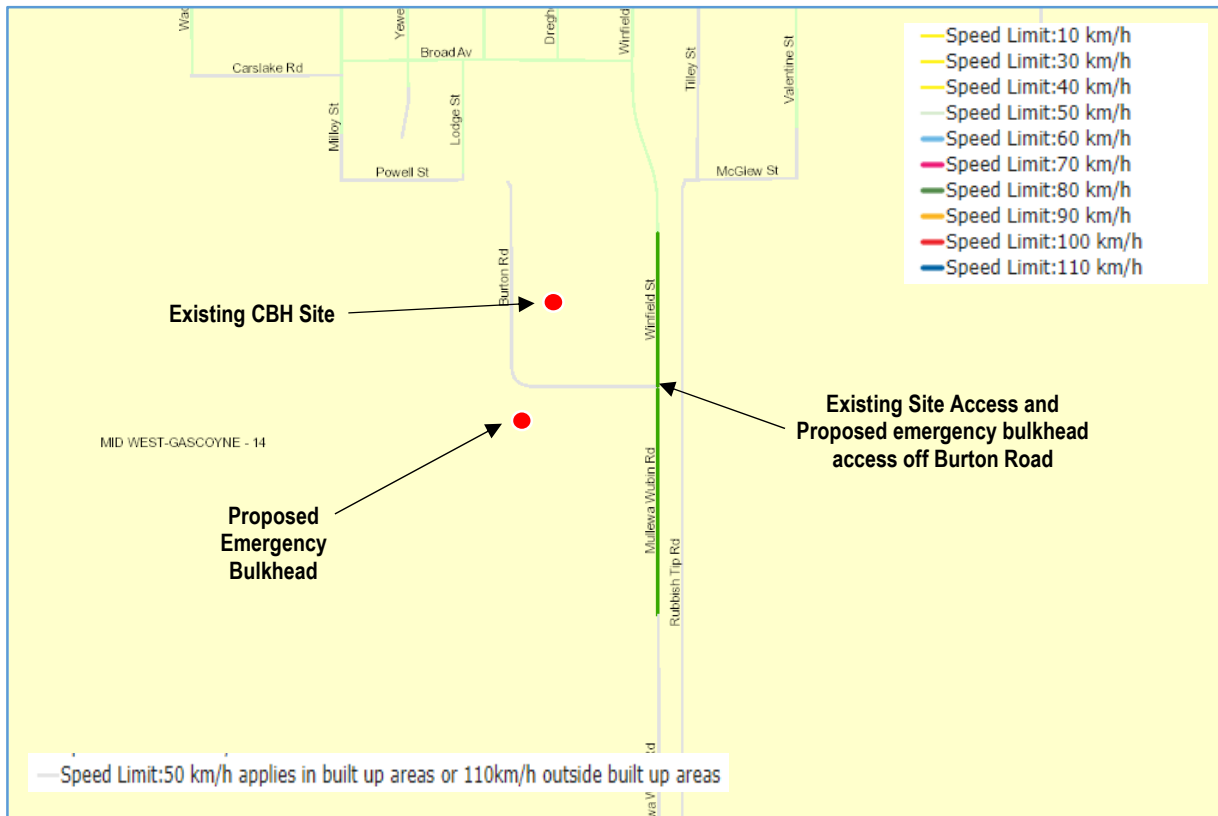


Figure 5: Speed Zoning

2.6. Crash History

Crash data for the relevant roads was sourced from MRWA Crash Analysis Reporting System (CARS) for the 5-year period ending 31/12/2020 as indicated the following reported crashes summarised in **Table 4**.

Table 4: Crash History

Location	MR Nature	Severity
Wubin-Mullewa Road SLK 124.97	Involving animal	PDO Minor
Wubin-Mullewa Road SLK 125.91	Non-Collision	PDO Minor

No crashes were reported on Burton Road or Broad Avenue.

The crash history is considered typically for road classification and does not appear to be associated with the CBH site.

2.7. Changes to Surrounding Transport Networks

There are no known changes to the adjacent network that have the potential to affect the assessment.

3. Traffic Generation

3.1. Proposed Development

The proposed Morawa emergency bulkhead involves construction of two new bulkheads with a total of 57,040 tonnes storage capacity. This will increase the total nameplate site storage capacity from 78,350t to 135,390t, as shown in **Table 5**.

CBH have advised that the nameplate capacity is seldom able to be achieved. This is because of “loss by division/loss by commodity” where multiple grain types are required to be stored/tarped within the same OBH, resulting in less efficient storage. CBH have advised that maximum effective storage capacity is generally around 85% of nameplate i.e., there is 15% lost due to loss by division/loss by commodity inefficiency. The effective existing storage capacity would therefore be 66,598t, increasing to 115,082t after construction of the emergency OBH.

Table 5: Existing and Proposed Nameplate Storage Capacities

Site Storage	Capacity (Tonnes)
A Type Storage HDR 01	26,800
E Type Storage HDR 02	13,600
INT. Steel Framed Open Bulkhead OBH01	18,750
INT. Steel Framed Open Bulkhead OBH02	19,200
Existing Total	78,350 tonnes / 66,598 (effective) tonnes
Proposed Emergency Open Bulkhead	
1.8m INT. Steel Framed Open Bulkhead TBH03	30,130
1.2m INT. Steel Framed Open Bulkhead TBH04	26,910
Proposed Total	57,040 tonnes / 48,484 tonnes
Total Site Storage	135,390 tonnes / 115,082 (effective) tonnes

3.2. Haulage Vehicle

It is assumed that the Morawa CBH site uses the standard RAV 7 trucks up to 36.5m long for haulage of grains. Refer **Figure 6** for typical configurations of the RAV 7 vehicles. In addition, CBH also noted that while this site is rated for RAV7, deliveries would include haulage using RAV4 or even as low as RAV1 vehicles.

It is noted that due to the RAV network restrictions at the Broad Avenue and Wubin-Mullewa Road intersection, only RAV 4 vehicles or smaller will be able to exit the CBH site and head north.

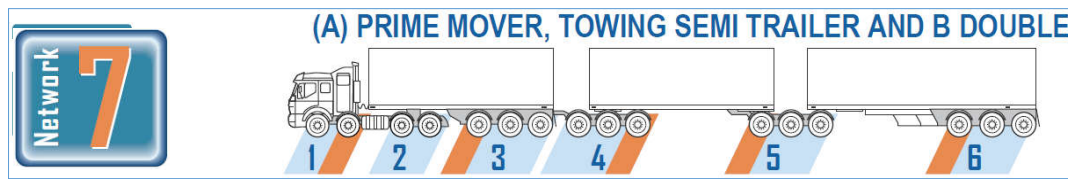


Figure 6: Typical Tandem Drive RAV 7 Trucks

3.3. Operating Hours and Receival Period

The campaign period for receival of grains will start mid-October and last 2-3 months. Based on 5-year average data, the total number of days for grain receival is 65 days. It is noted that the amount of daily receival varies depending on the supply.

CBH propose to operate the site 12 hours a day (6 AM to 6 PM) and Monday to Sunday with minor variations of start and finish times.

3.4. 5-year Average Traffic Data

CBH have provided the past 5-year average traffic data associated with the Morawa site as follows:

- Average receivals per year (5 years to 2021) – 50,041t
- Maximum receivals – 97,141t in 2016/17
- Average truck payload – 50t
- Origin direction split – 32% north, 68% south, 0% east, 0% west.

3.5. Predicted Traffic without Emergency OBH

CBH are proposing to construct the emergency TBH03 and TBH04 to increase site capacity so that more grain can be stored throughout the harvest and inefficient outloading movements and disruptions within the harvest period are avoided. During the harvest, once site capacity is reached, outloading movements may be required to restore capacity by transporting some grain to alternate sites. This will involve shifting the grain from Morawa to the next available site with storage capacity. This double-handling of grain is inefficient in terms of cost and adds additional traffic to the surrounding road network.

For comparative purposes it is useful to assess what would occur if the proposed emergency bulkhead is not constructed.

CBH expect that the 2021/2022 harvest will exceed the existing effective site capacity of 66,598t by approximately the planned volume of the effective emergency storage (48,484t). This would result in grain storage of approximately 115,082t (135,390t x 85% efficiency). The 48,484t of grain projected to be received in excess of the existing site capacity would require approximately 970 out loading truck movements during the harvest period

(assuming an average payload of 50t). If the emergency OBH is constructed, then the 970 truck movements would still need to occur to move the grain for export, but these would take place outside the harvest period when there are less trucks on the surrounding road network.

It is noted that during 2016/2017, the 97,141t which was received exceeded the effective site capacity by approximately 30,543t. This would have required out loading movements to occur during the harvest to restore or maintain storage capacity.

3.6. Predicted Traffic with Emergency OBH

As discussed previously, CBH expect that the 2021/2022 harvest will result in approximately 115,082t of grain being transported to the Morawa Site. Based on the average payload of 50t, **Table 5** provides an estimate of the 21/22 harvest period truck movements, with and without the proposed emergency OBH and with comparison to the previous 5-year average (50,041t) and maximum (97,141t) volumes.

For the purposes of this TIA, a single 'movement' has two components; a site entry/delivery and a site exit.

Table 6: Harvest Truck Movement Comparison

Item	5-year Average	5-year Maximum	21/22 Without Emergency OBH	21/22 With Emergency OBH
Tonnes Received	50,041	97,141	115,082	115,082
Effective Site Capacity	66,598	66,598	66,598	115,082
Truck Payload (tonnes)	50	50	50	50
Total Harvest Receiving Movements	1,001	1,943	2,302	2,302
Total Harvest Out loading Movements	0	611	970	0
Total Harvest Movements	1,001	2,554	3,272	2,302

As shown, the movements for 2021/2022 harvest period are expected to exceed the 5-year average but be less than the 5-year maximum and significantly less than the scenario where the emergency OBH is not installed for the 2021/2022 harvest.

3.7. Haulage Route

As per the CBH concept plan provided in **Appendix A – CBH Concept Plan**, all trucks enter the site from Burton Road and exit the site onto Broad Avenue.

Based on the origin direction split provided by CBH, 32% of vehicles will travel to the site in a southbound direction along Wubin-Mullewa Road and 68% of vehicles will travel to site in a northbound direction along Wubin-Mullewa Road. Vehicles exiting the site will travel in the opposite direction, in the same proportions (i.e., 32% to the north, 68% to the south).

Figure 7 shows the breakdown of harvest period movements (with the emergency bulkhead constructed) at the Burton Road and Broad Avenue intersections with Wubin-Mullewa Road.



Figure 7: Harvest Period Movement Volumes

Burton Road provides several entry and exit points to and from the existing and proposed CBH sites, and functions largely as a CBH internal access road. However, it is a public road and does provide some access to parts of the Morawa town site which may lead to conflict between CBH haulage vehicles and the public. CBH have advised that during the harvest, Burton Road will be closed to be public to avoid this risk of conflict.

3.8. Peak Period Assessment

Although the harvest period is expected to occur over 2-3 months, it is known that there is a peak within this period. Specific data for Morawa was not available to define this peak period, but data from other CBH sites indicate that generally 80-85% of grain is received within 28 days.

For the purposes of peak period impacts, the following assumptions have been made:

- 85% of total grain tonnes are received within, and evenly distributed over 28 days.
- Truck deliveries occur over a 12-hour period, and 10% of all daily volumes are received within a peak hour.

Based on these assumptions:

- 1,957 truck movements will occur during the 28-day peak period.
- 70 movements will occur each day during the peak period.
- 7 movements will occur during a peak hour.

This volume of traffic is considered to be low and well within the capacity of the existing road network.

Figure 8 shows the predicted harvest peak daily and peak hour traffic distribution splits at the main CBH site access.

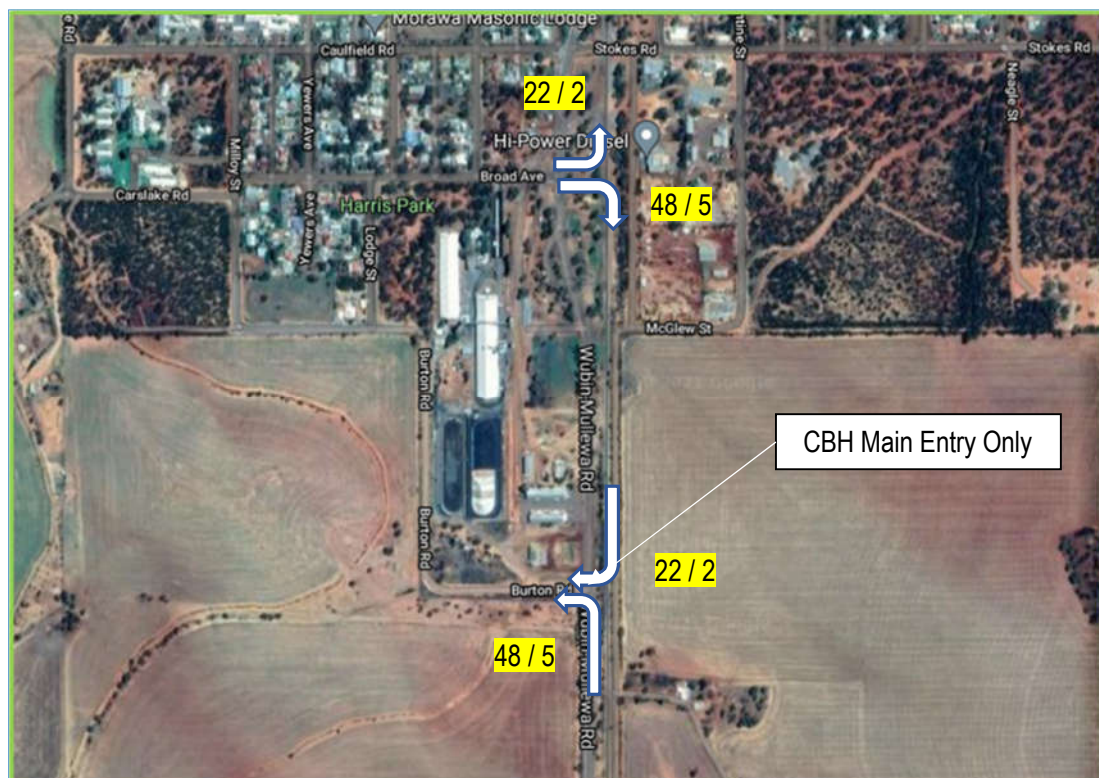


Figure 8: Peak Daily / Hour Volumes

4. Traffic Impact Assessment

4.1. Assessment Years

The development is assessed based on current network condition (2021). The following assessment is based on the emergency bulkhead being installed.

4.2. Road Minimum Widths

The sealed and carriageway widths of the surrounding roads were checked against the Town Site Road Minimum Width in accordance with Appendix C of the MRWA RAV Assessment Guideline. The comparison is shown below in **Table 7**.

Table 7: Town Site Road Minimum Width

Road	Location	Existing AADT (No CBH traffic)	Proposed AADT (Peak)	Speed (RAV) (km/hr)	RAV Status	Required Minimum Seal (m)	Existing Seal/Carriageway Width ¹ (m)
Wubin-Mullewa Road	South of Burton Road	220	316	80	7.3	7.4	7.0
Wubin-Mullewa Road	North of Broad Avenue	220	264	80	7.3	7.4	7.0
Burton Road	West of Wubin-Mullewa Road	50	120	50	7.1	6.6 ²	8.0m min ²
Broad Avenue	West of Wubin-Mullewa Road	100	170	50	7.1	6.6	8.0m

¹ Estimated only

² Burton Road is unsealed and the seal width requirement has been assumed as applicable to the carriageway width.

As per the above, the existing road sealed/carriageway the sealed width for Wubin-Mullewa Road is below the minimum townsite requirements. However, it would be above the minimum 6.0m seal width required outside of the townsite. Given that the CBH site is on the outskirts of the town, and that operating speeds are likely less than 80km/h on approach to the Burton Road intersection, the 7.0m existing seal width is considered acceptable. Within the townsite itself, the speed limit is 50km/h and the existing road meets the 6.6m seal width requirement.

Burton Road and Broad Avenue meet the relevant width requirements.

4.3. Road Safety

The crash history of the adjacent road network (as previously outlined in **Section 0**) does not suggest any particular safety issues in the existing road network. The additional traffic movements generated by the emergency bulkhead is not considered to increase the likelihood of crashes to unacceptable levels. Further, relative to the scenario where the emergency bulkhead is not installed, it is expected that the construction of the emergency bulkhead results in a positive impact to road safety as it reduces out loading movements during the busy harvest period. It is also noted that Burton Road will be closed to the public during the harvest period which will eliminate the risk of conflict with public vehicles.

4.4. Intersections

4.4.1. Safe Intersection Sight Distance

The Safe Intersection Sight Distance (SISD) is the minimum distance which should be provided on the major road at any intersection. SISD provides sufficient distance for a driver of a vehicle on the major road to observe a vehicle on a minor road approach moving into a collision situation (e.g. in the worst case, stalling across the traffic lanes) and to decelerate to a stop before reaching the collision point.

The SISD is assessed based on the following parameters:

- An observation time of 3 seconds as per Austroads Part 3;
- A reaction time of 2.5 seconds;
- Deceleration coefficients for the purpose of SISD calculations are 0.36 for light vehicles and 0.29 for heavy vehicles; and
- Driver eye height is 2.4m for trucks and 1.1m for cars.
- Operating speeds of:
 - 90km/h for cars and 80km/h for trucks along Wubin-Mullewa Road
 - 60km/h for cars and 50km/h for trucks along Broad Avenue eastbound
 - 40km/h for cars and trucks along Broad Avenue westbound (as there is only 90m between the Wubin-Mullewa Road intersection and the site exit).

The required and available sight distances are summarised in **Table 8**. The line of sight photos are for reference only and have been sourced from Google Maps and as such may be out of date, but are useful to show the general alignment nonetheless.

Figure 9 and **Figure 10** show the views along Broad Avenue from the CBH exit. As shown in **Figure 11**, the available sight distance extends the full length of Broad Avenue, at approximately 386m to the west and 90m to the east.

Figure 12 and **Figure 13** show the views along Wubin-Mullewa Road from the Burton Road intersection. As shown in **Figure 14**, there is approximately 387m available to the north, and 505m available to the south.



Figure 9: Eastern view onto Broad Avenue from CBH Site Exit



Figure 10: Western view on Broad Avenue from CBH Site Exit

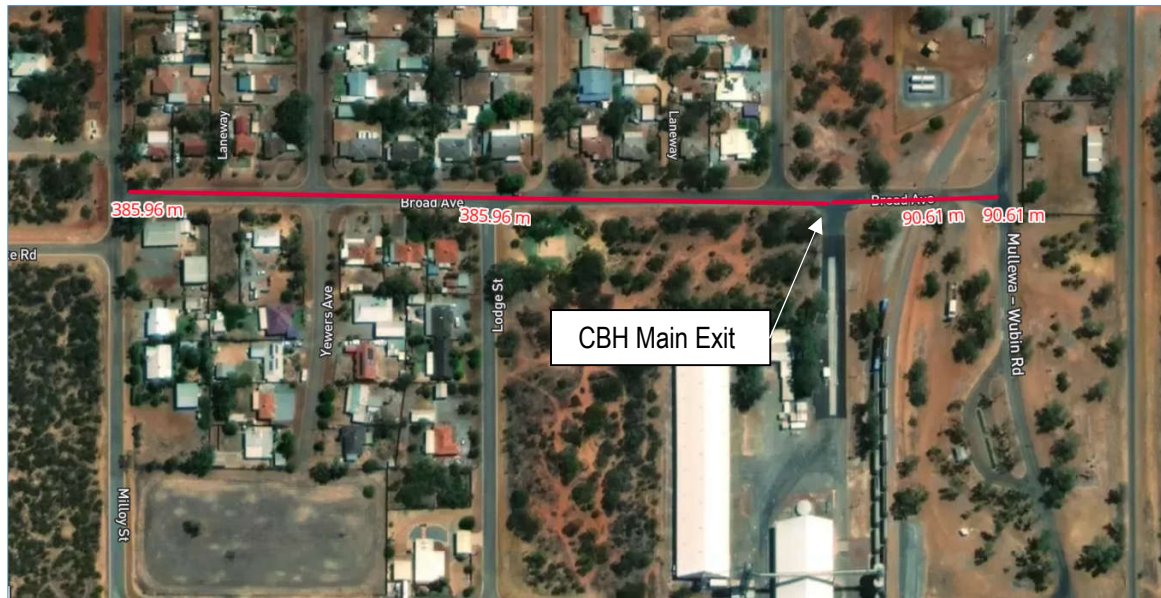


Figure 11: Sight Distance Measurement – CBH Exit and Broad Ave Intersection



Figure 12: View North on Wubin-Mullewa Rd approaching Burton Rd (500m)



Figure 13: View South on Wubin-Mullewa Rd approaching Burton Rd (380m)



Figure 14: SISD at Burton Road Intersection

Table 8: SISD at Existing Intersections

Location	Vehicle Type	Design Speed (km/h) (NB / SB)	Coefficient of Deceleration	Decision Time (s)	Longitudinal Grade (NB / SB)*	Required SISD for NB / SB Traffic (m)	Available SISD (m)	
							NB	SB
Wubin-Mullewa Rd / Burton Road	Trucks	80 / 80	0.29	3.0+2.5	+1% / -1%	206 / 216	386	+500
	Cars	90 / 90	0.36	3.0+2.5	+1% / -1%	224 / 229	386	+500
Location	Vehicle Type	Design Speed (km/h) (EB / WB)	Coefficient of Deceleration	Decision Time (s)	Longitudinal Grade (EB / WB)*	Required SISD for EB / WB Traffic (m)	Available SISD (m)	
							EB	WB
Broad Ave (CBH)	Trucks	50 / 40	0.29	3.0+2.5	0% / 0%	110 / 83	386	90
	Cars	60 / 40	0.36	3.0+2.5	0% / 0%	131 / 79	386	90

Noting:

*Positive for through traffic travelling uphill and negative for through traffic travelling downhill. Grades are estimated based on google street view as no survey was available.

As shown, the SISD are considered sufficient to achieve minimum requirements in accordance with the Austroads Guide to Road Design Part 3.

4.4.2. Entering Sight Distance

Entering Sight Distance is deemed to be acceptable given that SISD has been calculated as conforming.

4.4.3. Swept Path Assessment

A swept path analysis on aerial photos for a 36.5m MRWA RAV 5-7 vehicle template (20m turning radius) was completed to determine if the existing intersections geometry are sufficient to accommodate a proposal for future RAV 7 network upgrades.

The swept path diagrams are shown in **Figure 15** and **Figure 16**.

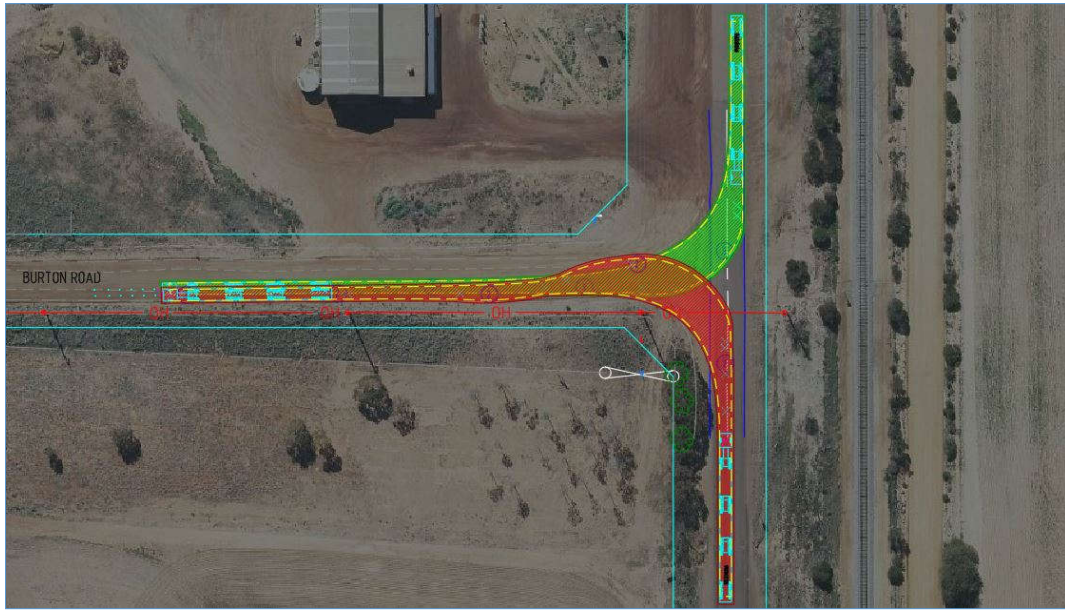


Figure 15: RAV Manoeuvring at Burton Rd Intersection (Entry Only)

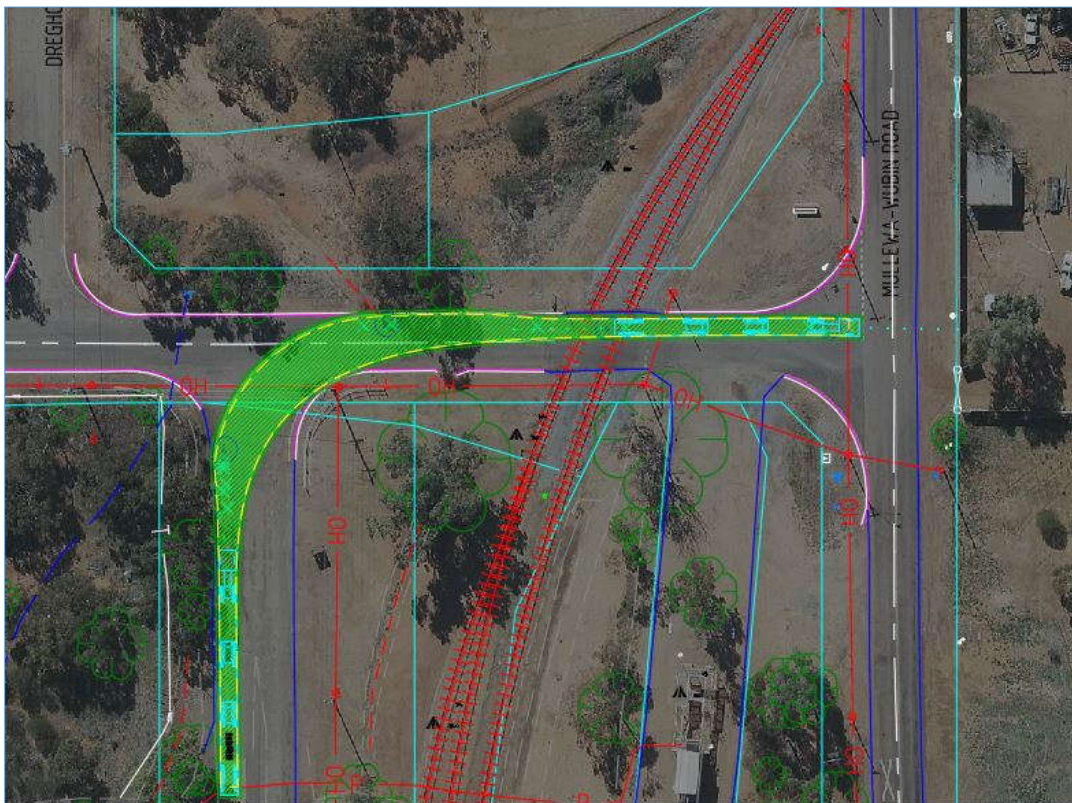


Figure 16: RAV Manoeuvring at Broad Ave Intersection (Out Only)

The analysis indicates the designated movements using a RAV 7 vehicle (to MRWA swept path requirements) can be completed with adequate clearance to the edge of carriageway at the Burton Road intersection.

At the Broad Avenue site existing, adequate clearance to the existing kerbing is not provided, however it is noted that the MRWA standard turning templates may be conservative, and given this movement is already being made it is likely to be acceptable.

The Wubin-Mullewa Road and Broad Avenue intersection has not been assessed given the RAV movement restrictions in place.

4.5. Auxiliary Lanes

4.5.1. Intersection Volumes

For the purposes of assessing auxiliary lane requirements at the Burton Road and Wubin-Mullewa Road intersection, the peak hour traffic distribution with and without CBH traffic is shown in **Figure 17** and **Figure 18**.

Note that it has been assumed that all existing traffic on Burton Road utilise this intersection for entry and exit movements, and that the road will be closed to the public, and only used for CBH entry movements during the harvest.

No CBH Traffic			Burton Road		
Wubin-Mullewa (South)	3	L	3	3	Wubin-Mullewa (North)
	13	T	R	L	
			R	3	
			T	13	

Figure 17: Burton Road Intersection Traffic Volumes (without CBH)

With CBH Traffic			Burton Road		
Wubin-Mullewa (South)	5	L	0	0	Wubin-Mullewa (North)
	13	T	R	L	
			R	2	
			T	13	

Figure 18: Burton Road Intersection Traffic Volumes (with CBH, during harvest)

4.5.2. Intersection Configuration Warrants

The requirement for turning treatments was calculated using the Intersection Warrants calculator provided in Main Roads WA Supplement to Austroads Guide to Road Design - Part 4 A.8. The results of the assessment are shown in **Figure 19**.

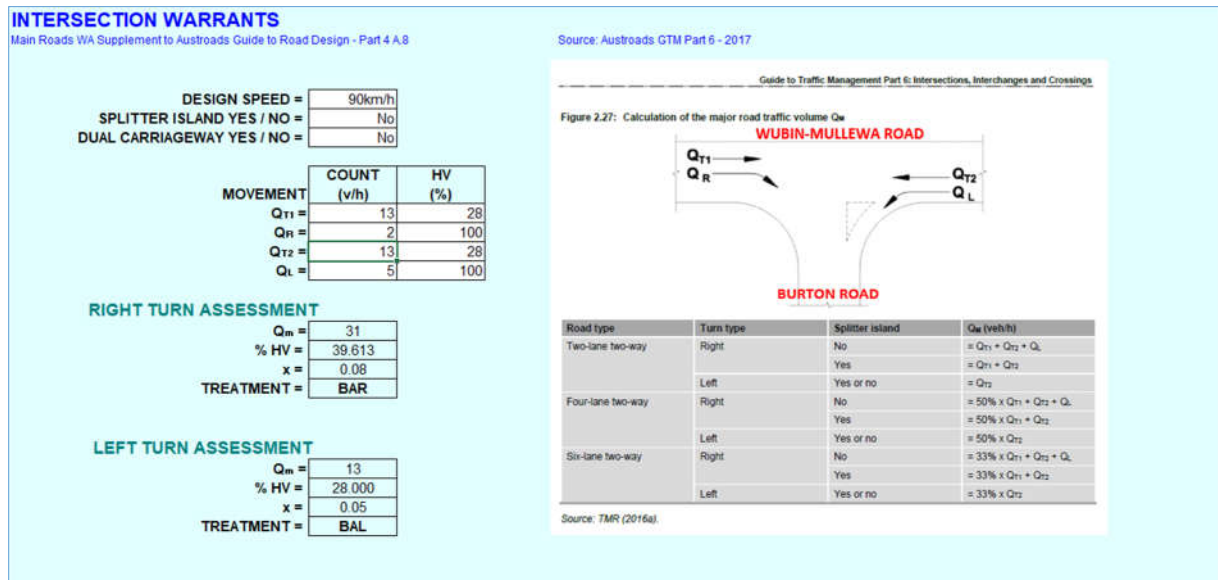


Figure 19: Intersection Warrants

The warrants show that Basic Right (BAR) and Basic Left (BAL) turning treatments would be required. These treatments are already installed and accordingly, no further improvements are suggested.

4.6. Broad Avenue Rail Crossing

4.6.1. Stacking Distance

Located between the CBH Site exit on Broad Avenue and Wubin-Mullewa Road is a non-gated-controlled rail level crossing under direction of traffic sign and signal control on Broad Avenue.

As per MRWA RAV Route Assessment Guideline (updated November 2019), the following stacking distance is required:

- **Approach** to the rail: at least the length of the vehicle plus 3m is required between the rail holding line and the through traffic edge line i.e., 36.5m + 3m = 39.5m; and
- **Departure** from the rail: at least the length of the vehicle between the rail holding line and the intersection holding line i.e., 36.5m.

Between the site exit and the railway, hold line, approximately 40m distance is provided. This is just in conformance with the approach stacking distance requirements. Between the railway hold line and the Wubin-

Mullewa Road hold line, approximately 32m is provided. This is non-conforming for both approach and departure stacking distance requirements. These measurements are shown in **Figure 20**.

The stacking distances are not in accordance with the MRWA RAV Guideline requirements, However, it is understood that CBH, the Shire of Morawa and MRWA are aware of this issue and that trains will not run during the upcoming harvest accordingly.

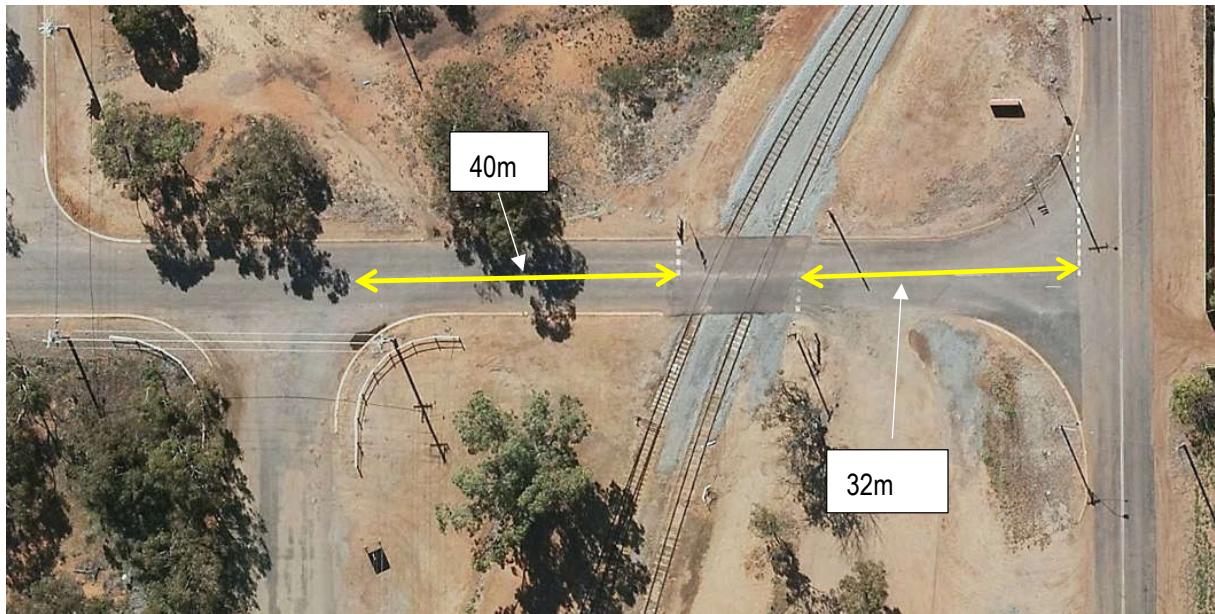


Figure 20: Rail Stacking Distance

4.6.2. Railway Sight Distance

Railway sight distance has not been assessed given that trains will not be running during the upcoming harvest. However, we note that the railway line has a reverse curve geometry in the location of the crossing and the required sight distances are unlikely to be achieved.

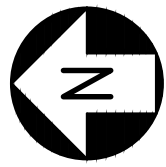
5. Conclusions

This Transport Impact Assessment has been prepared for the proposed emergency bulkheads TBH (03 and 04) located within the existing Morawa CBH Site and has concluded the following:

- The estimated traffic generation can be accommodated within the capacity of the adjacent road network.
- The additional traffic generated by the site is not considered to increase the likelihood of crashes to unacceptable levels.
- The sealed/carriageway widths of the surrounding road are equal to or above the minimum road width for their relative RAV categories.
- Existing sight distances at the intersections are considered satisfactory.
- Existing intersection geometry is adequate for the existing RAV approvals and no further widening required.
- The warranted turning treatments at the Burton Road intersection (BAR/BAL) are already in place and no further improvements are required.
- CBH have indicated that there will be no train services during the Harvest hauling period which will eliminate the issue with the railway stacking distance and sight distance.
- It is recommended that Burton Road be closed to the public during the harvest period to reduce the potential for conflict between haulage and public vehicles.



Appendix A – CBH Concept Plan



HATCHING LEGEND



AREA OF NEW WORKS

35,900m²

STORAGE CAPACITIES

EXISTING STORAGE

'A' TYPE STORAGE	HOR 01	26,800 t
'E' TYPE STORAGE	HOR 02	13,600 t
INT. STEEL FRAMED OPEN BULKHEAD	(01)	18,750 t
INT. STEEL FRAMED OPEN BULKHEAD	(02)	19,200 t
TOTAL EXISTING STORAGE		78,350 t

PROPOSED STORAGE

1.8m INT. STEEL FRAMED OPEN BULKHEAD	(TBH 03)	30,130 t
1.2m LOW STEEL FRAMED OPEN BULKHEAD	(TBH 04)	26,910 t
TOTAL EXISTING STORAGE		57,040 t

TOTAL SITE STORAGE

135,390 t

DRAWING LEGEND



TRAFFIC MOVEMENTS - TRUCKS FULL



TRAFFIC MOVEMENTS - TRUCKS EMPTY

CADASTRAL BOUNDARY
EPA INDUSTRIAL/SENSITIVE LAND USE
SEPARATION DISTANCE - 500m RADIUS

CBH SITE BOUNDARY



CBH RAIL LEASE BOUNDARY



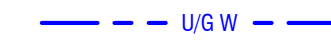
OVERHEAD POWER LINES



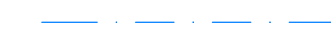
UNDERGROUND POWER CABLES



UNDERGROUND COMMS CABLES



UNDERGROUND WATER PIPES



PROPOSED OPEN DRAINS

2019 WEIGHBRIDGE REPLACEMENT.
NEW 36m WEIGHBRIDGE INSTALLED
AS PER 313-ENG-CI-DGA-0001
(NO ASCON DATA AVAILABLE)

MCGLEW STREET

RELOCATE EXISTING SEA CONTAINER
SAMPLE PLATFORM ON SITE
(NO ASCON DATA AVAILABLE)

ROAD CROSSOVER TO SITE
(NO ASCON DATA AVAILABLE)

SITE ENTRY

NEW TRUCK MARSHALING AREA.
APPROX. 10 x RAV 7 36.5m TRUCKS
c/w BYPASS LANE (INSIDE LANE).

NEW DRAINAGE BASIN.
SIZE & LOCATION T.B.C. IN DESIGN.

RELOCATED SEA CONTAINER
SAMPLE PLATFORM.
SINGLE LANE SAMPLE & BYPASS.

RELOCATED TEMPORARY
38m WEIGHBRIDGE c/w BYPASS LANE

NEW DRAINAGE BASIN.
SIZE & LOCATION T.B.C. IN DESIGN.

(TBH 03)

(TBH 04)

1.8m INT. STEEL FRAMED OPEN BULKHEAD

230m x 35m (30,130 t CAPACITY)

1.2m LOW STEEL FRAMED OPEN BULKHEAD

230m x 35m (26,910 t CAPACITY)

500tph D.O.G. STACKER.

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DATE 30.08.21

1:1500 @ A1
1:3000 @ A3

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2021 EMERGENCY STORAGE
CONCEPTUAL LAYOUT No. 3

313-ENG-CI-DCO-0008

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Appendix B – Traffic Count












Hourly Volume

Mullewa Wubin Rd (M039)

2021/22
Monday to Friday

South of Morawa Three Springs Rd (SLK 113.20)

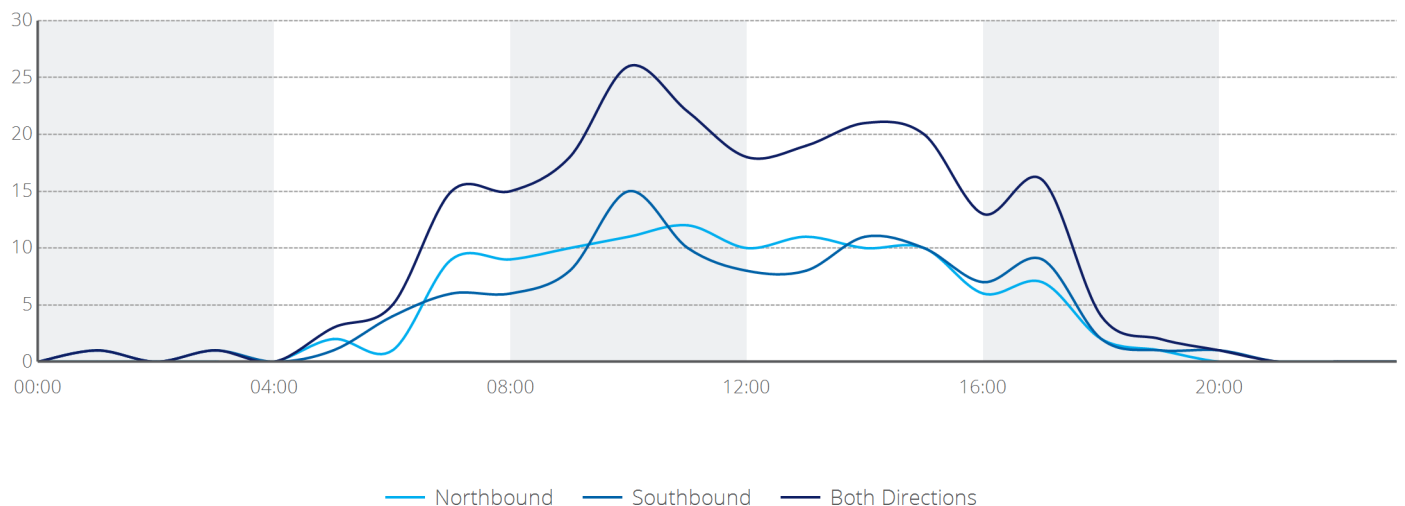
	 All Vehicles			 Heavy Vehicles			
	 NB	 SB	 Both	 NB	 SB	 Both	 %
00:00	0	0	0	0	0	0	0.0
01:00	0	1	1	0	1	1	100.0
02:00	0	0	0	0	0	0	0.0
03:00	0	1	1	0	1	1	100.0
04:00	0	0	0	0	0	0	0.0
05:00	2	1	3	2	0	2	66.7
06:00	1	4	5	0	1	1	20.0
07:00	9	6	15	3	2	5	33.3
08:00	9	6	15	1	1	2	13.3
09:00	10	8	18	3	2	5	27.8
10:00	11	15	26	3	7	10	38.5
11:00	12	10	22	2	3	5	22.7
12:00	10	8	18	2	2	4	22.2
13:00	11	8	19	2	3	5	26.3
14:00	10	11	21	2	4	6	28.6
15:00	10	10	20	3	3	6	30.0
16:00	6	7	13	1	1	2	15.4
17:00	7	9	16	2	3	5	31.3
18:00	2	2	4	1	0	1	25.0
19:00	1	1	2	0	0	0	0.0
20:00	0	1	1	0	1	1	100.0
21:00	0	0	0	0	0	0	0.0
22:00	0	0	0	0	0	0	0.0
23:00	0	0	0	0	0	0	0.0
TOTAL	111	109	220	27	35	62	28.2



Peak Statistics

AM	TIME	09:45	10:00	09:45	09:15	10:00	10:00
	VOL	13	15	26	4	7	10
PM	TIME	12:15	13:45	13:45	12:15	13:45	15:30
	VOL	14	13	22	4	5	7

Volume














Hourly Volume

Mullewa Wubin Rd (M039)

2021/22
Monday to Sunday

South of Morawa Three Springs Rd (SLK 113.20)

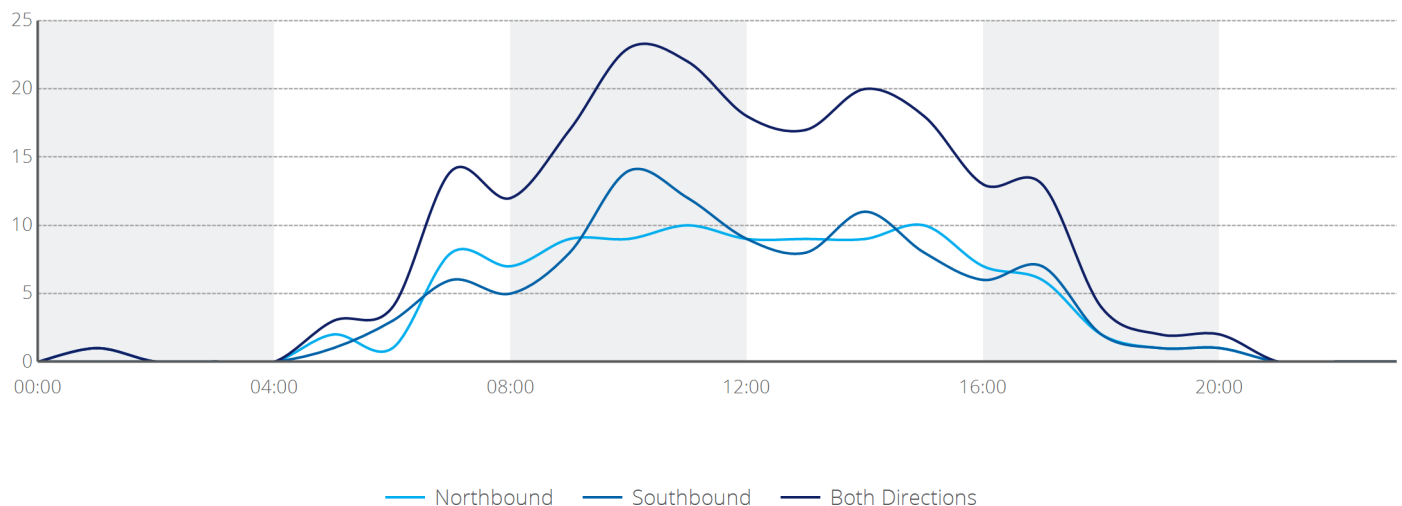
	 All Vehicles			 Heavy Vehicles			
	 NB	 SB	 Both	 NB	 SB	 Both	 %
00:00	0	0	0	0	0	0	0.0
01:00	0	1	1	0	1	1	100.0
02:00	0	0	0	0	0	0	0.0
03:00	0	0	0	0	0	0	0.0
04:00	0	0	0	0	0	0	0.0
05:00	2	1	3	2	0	2	66.7
06:00	1	3	4	0	1	1	25.0
07:00	8	6	14	3	2	5	35.7
08:00	7	5	12	1	1	2	16.7
09:00	9	8	17	3	2	5	29.4
10:00	9	14	23	1	6	7	30.4
11:00	10	12	22	2	3	5	22.7
12:00	9	9	18	2	3	5	27.8
13:00	9	8	17	1	2	3	17.6
14:00	9	11	20	2	4	6	30.0
15:00	10	8	18	3	2	5	27.8
16:00	7	6	13	1	1	2	15.4
17:00	6	7	13	1	2	3	23.1
18:00	2	2	4	1	0	1	25.0
19:00	1	1	2	0	0	0	0.0
20:00	1	1	2	0	1	1	50.0
21:00	0	0	0	0	0	0	0.0
22:00	0	0	0	0	0	0	0.0
23:00	0	0	0	0	0	0	0.0
TOTAL	100	103	203	23	31	54	26.6



Peak Statistics

AM	TIME	10:15	10:00	10:15	06:30	10:00	09:45
	VOL	11	14	24	3	6	7
PM	TIME	14:30	13:45	13:45	15:45	13:45	14:00
	VOL	12	13	21	3	5	6

Volume














Hourly Volume

Mullewa Wubin Rd (M039)

2020/21
Monday to Friday

North of Morawa Yalgoo Rd (SLK 127.01)

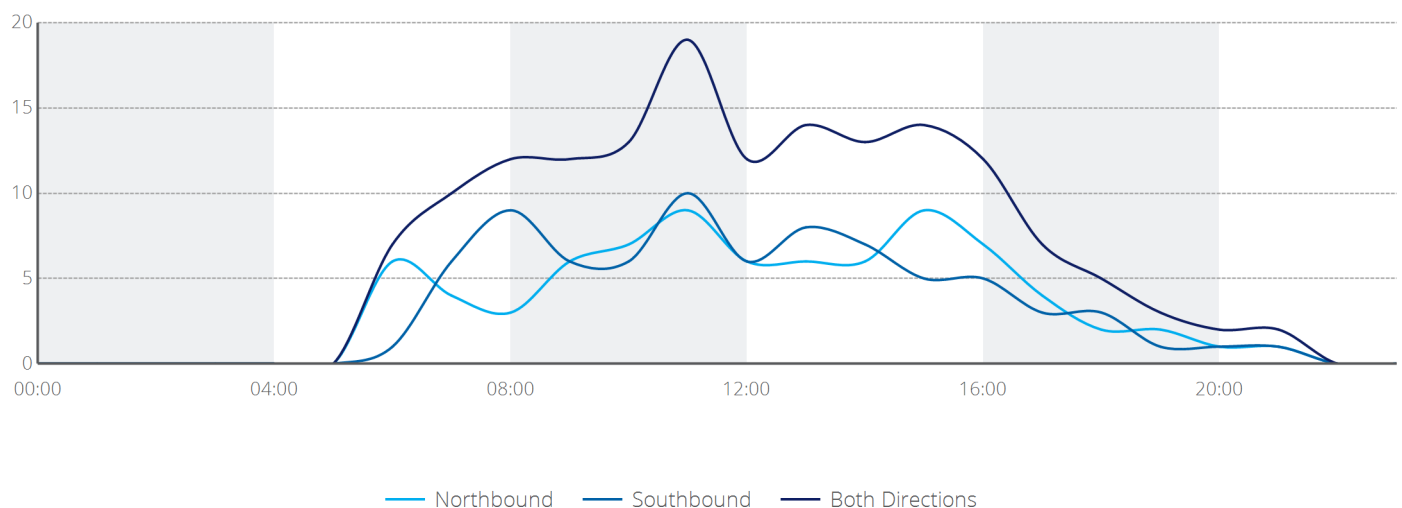
	 All Vehicles			 Heavy Vehicles			
	 NB	 SB	 Both	 NB	 SB	 Both	 %
00:00	0	0	0	0	0	0	0.0
01:00	0	0	0	0	0	0	0.0
02:00	0	0	0	0	0	0	0.0
03:00	0	0	0	0	0	0	0.0
04:00	0	0	0	0	0	0	0.0
05:00	0	0	0	0	0	0	0.0
06:00	6	1	7	4	0	4	57.1
07:00	4	6	10	2	0	2	20.0
08:00	3	9	12	1	3	4	33.3
09:00	6	6	12	1	0	1	8.3
10:00	7	6	13	2	0	2	15.4
11:00	9	10	19	4	4	8	42.1
12:00	6	6	12	1	0	1	8.3
13:00	6	8	14	2	2	4	28.6
14:00	6	7	13	1	1	2	15.4
15:00	9	5	14	3	0	3	21.4
16:00	7	5	12	1	1	2	16.7
17:00	4	3	7	1	0	1	14.3
18:00	2	3	5	0	0	0	0.0
19:00	2	1	3	0	0	0	0.0
20:00	1	1	2	0	0	0	0.0
21:00	1	1	2	0	0	0	0.0
22:00	0	0	0	0	0	0	0.0
23:00	0	0	0	0	0	0	0.0
TOTAL	79	78	157	23	11	34	21.7



Peak Statistics

AM	TIME	10:15	07:30	11:00	10:15	11:00	11:00
	VOL	10	10	19	5	4	8
PM	TIME	14:45	14:45	14:45	15:15	13:45	14:45
	VOL	10	8	18	3	2	4

Volume














Hourly Volume

Mullewa Wubin Rd (M039)

2020/21
Monday to Sunday

North of Morawa Yalgoo Rd (SLK 127.01)

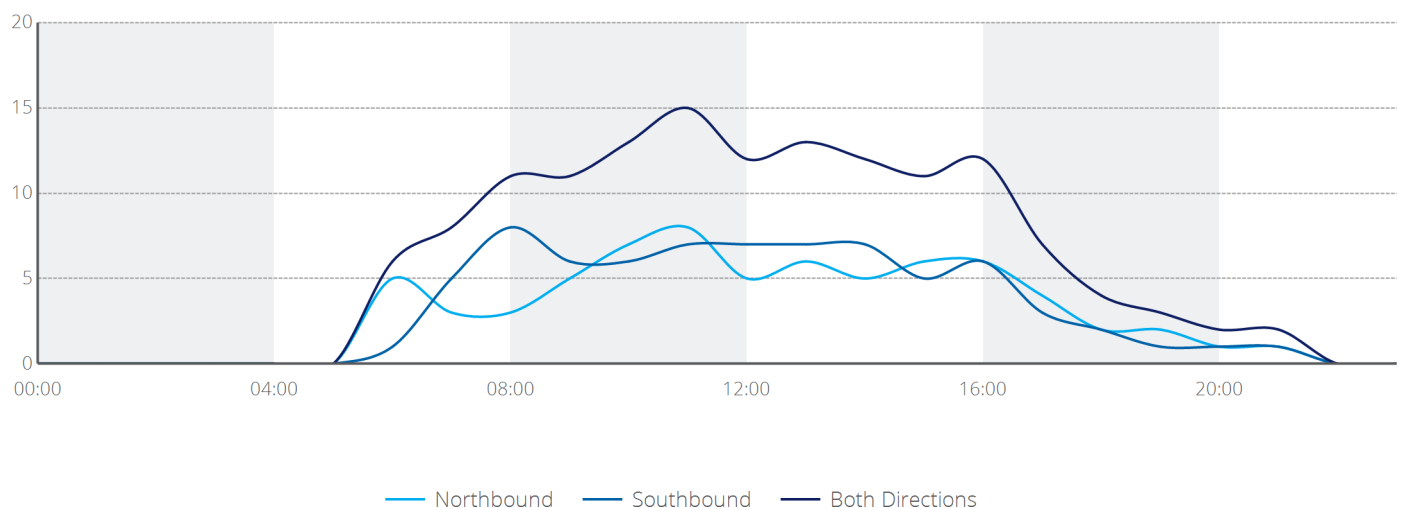
	 All Vehicles			 Heavy Vehicles			
	 NB	 SB	 Both	 NB	 SB	 Both	 %
00:00	0	0	0	0	0	0	0.0
01:00	0	0	0	0	0	0	0.0
02:00	0	0	0	0	0	0	0.0
03:00	0	0	0	0	0	0	0.0
04:00	0	0	0	0	0	0	0.0
05:00	0	0	0	0	0	0	0.0
06:00	5	1	6	3	0	3	50.0
07:00	3	5	8	1	0	1	12.5
08:00	3	8	11	1	2	3	27.3
09:00	5	6	11	1	0	1	9.1
10:00	7	6	13	2	0	2	15.4
11:00	8	7	15	3	2	5	33.3
12:00	5	7	12	0	2	2	16.7
13:00	6	7	13	2	1	3	23.1
14:00	5	7	12	1	1	2	16.7
15:00	6	5	11	2	0	2	18.2
16:00	6	6	12	1	1	2	16.7
17:00	4	3	7	1	0	1	14.3
18:00	2	2	4	0	0	0	0.0
19:00	2	1	3	0	0	0	0.0
20:00	1	1	2	0	0	0	0.0
21:00	1	1	2	0	0	0	0.0
22:00	0	0	0	0	0	0	0.0
23:00	0	0	0	0	0	0	0.0
TOTAL	69	73	142	18	9	27	19.0



Peak Statistics

AM	TIME	10:15	11:15	09:30	10:15	11:15	10:15
	VOL	9	9	16	5	3	5
PM	TIME	15:45	14:45	14:45	15:45	12:00	14:30
	VOL	7	8	14	2	2	3

Volume












Hourly Volume

Mullewa Wubin Rd (M039)

2020/21

Weekend

North of Morawa Yalgoo Rd (SLK 127.01)

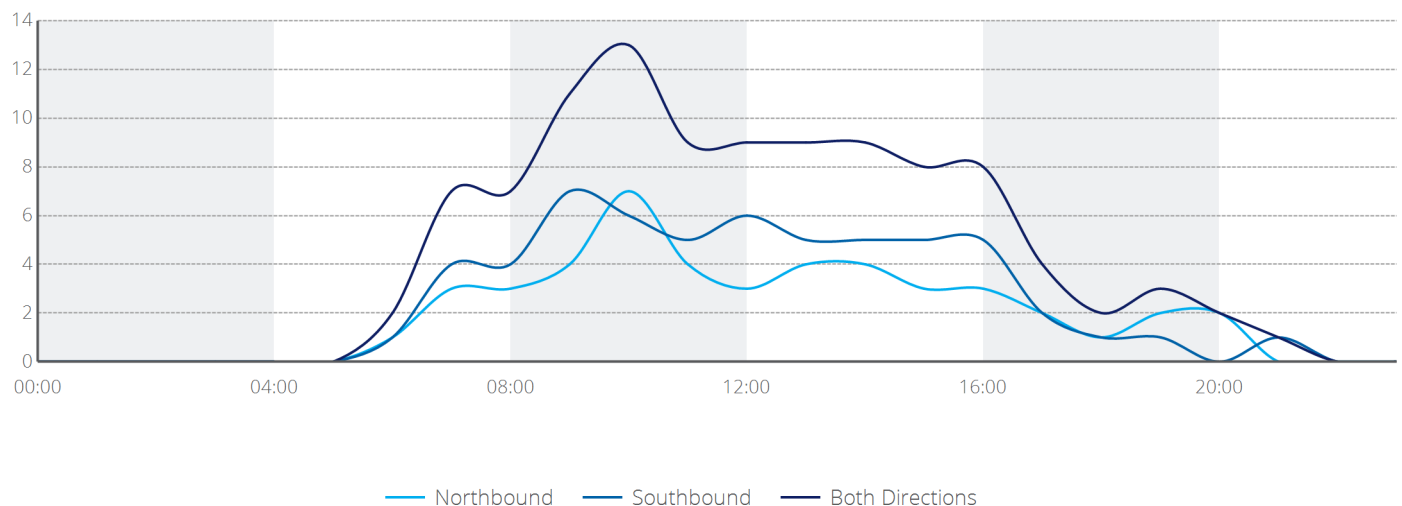
	All Vehicles			Heavy Vehicles			
	 NB	 SB	 Both	 NB	 SB	 Both	 %
00:00	0	0	0	0	0	0	0.0
01:00	0	0	0	0	0	0	0.0
02:00	0	0	0	0	0	0	0.0
03:00	0	0	0	0	0	0	0.0
04:00	0	0	0	0	0	0	0.0
05:00	0	0	0	0	0	0	0.0
06:00	1	1	2	0	0	0	0.0
07:00	3	4	7	1	0	1	14.3
08:00	3	4	7	1	0	1	14.3
09:00	4	7	11	1	0	1	9.1
10:00	7	6	13	0	1	1	7.7
11:00	4	5	9	0	0	0	0.0
12:00	3	6	9	0	2	2	22.2
13:00	4	5	9	1	0	1	11.1
14:00	4	5	9	1	0	1	11.1
15:00	3	5	8	1	1	2	25.0
16:00	3	5	8	1	1	2	25.0
17:00	2	2	4	0	0	0	0.0
18:00	1	1	2	0	0	0	0.0
19:00	2	1	3	0	0	0	0.0
20:00	2	0	2	0	0	0	0.0
21:00	0	1	1	0	0	0	0.0
22:00	0	0	0	0	0	0	0.0
23:00	0	0	0	0	0	0	0.0
TOTAL	46	58	104	7	5	12	11.5



Peak Statistics

AM	TIME	09:30	09:00	09:30	06:30	11:45	11:45
	VOL	8	7	14	1	2	2
PM	TIME	14:30	15:45	14:30	15:45	12:00	15:45
	VOL	5	6	11	2	2	3

Volume













Hourly Volume

Mullewa Wubin Rd (M039)

2021/22

Weekend

South of Morawa Three Springs Rd (SLK 113.20)

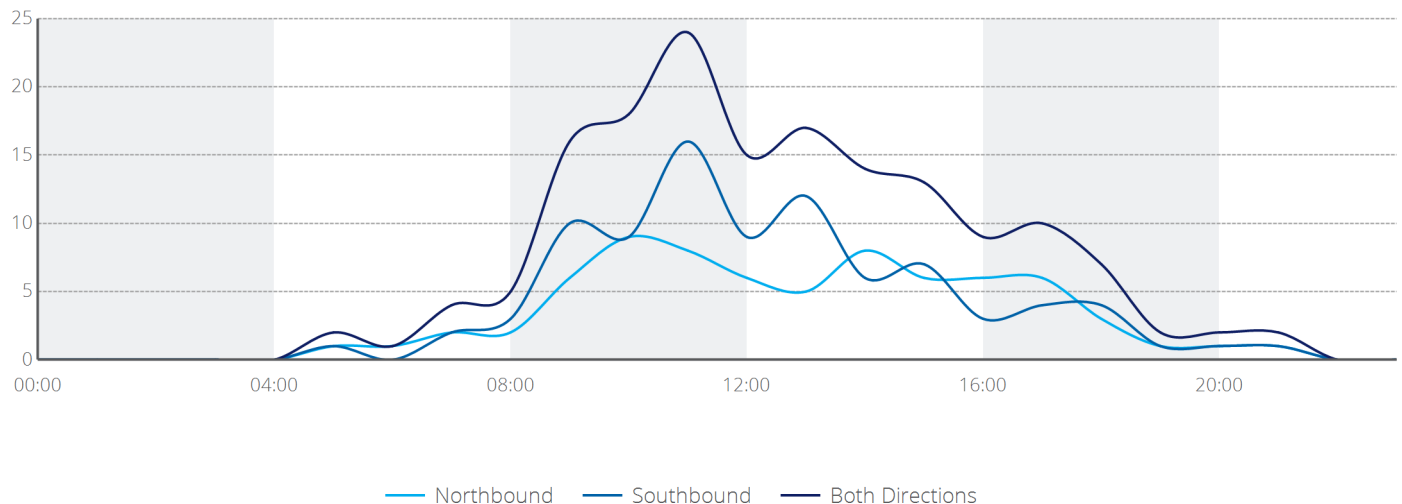
	 All Vehicles			 Heavy Vehicles			
	 NB	 SB	 Both	 NB	 SB	 Both	 %
00:00	0	0	0	0	0	0	0.0
01:00	0	0	0	0	0	0	0.0
02:00	0	0	0	0	0	0	0.0
03:00	0	0	0	0	0	0	0.0
04:00	0	0	0	0	0	0	0.0
05:00	1	1	2	1	0	1	50.0
06:00	1	0	1	0	0	0	0.0
07:00	2	2	4	1	0	1	25.0
08:00	2	3	5	0	1	1	20.0
09:00	6	10	16	1	2	3	18.8
10:00	9	9	18	2	2	4	22.2
11:00	8	16	24	3	3	6	25.0
12:00	6	9	15	1	2	3	20.0
13:00	5	12	17	0	2	2	11.8
14:00	8	6	14	2	2	4	28.6
15:00	6	7	13	1	2	3	23.1
16:00	6	3	9	0	0	0	0.0
17:00	6	4	10	1	1	2	20.0
18:00	3	4	7	1	1	2	28.6
19:00	1	1	2	0	0	0	0.0
20:00	1	1	2	0	0	0	0.0
21:00	1	1	2	0	1	1	50.0
22:00	0	0	0	0	0	0	0.0
23:00	0	0	0	0	0	0	0.0
TOTAL	72	89	161	14	19	33	20.5

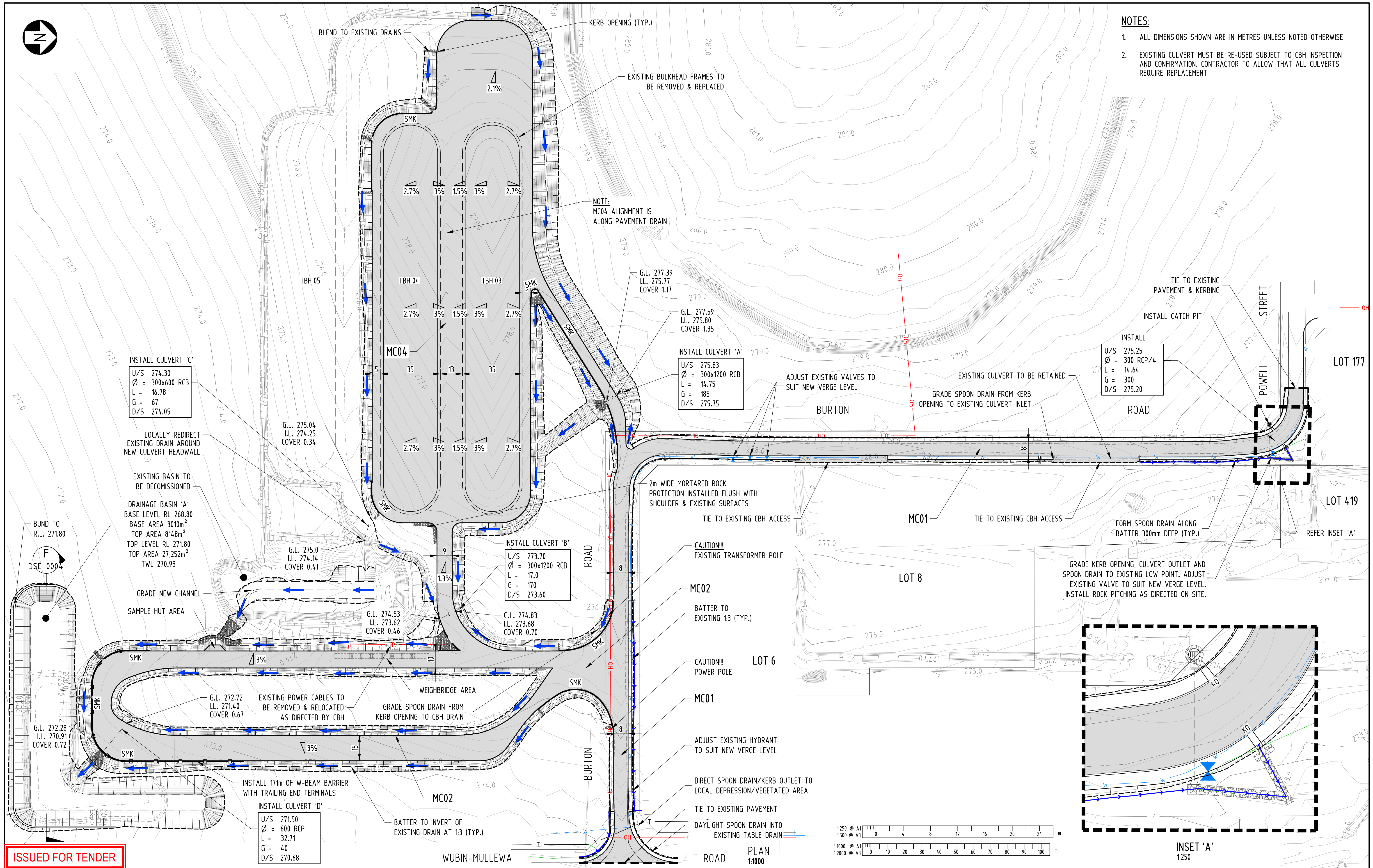


Peak Statistics

AM	TIME	10:30	11:00	10:45	10:15	09:15	11:00
	VOL	11	16	24	4	4	6
PM	TIME	14:30	13:00	12:15	14:15	14:30	14:15
	VOL	9	12	18	3	3	6

Volume





ISSUED FOR TENDER

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DO NOT SCALE FROM THIS DRAWING



1ST FLOOR
908 ALBANY HIGHWAY
EAST VICTORIA PARK
WA 6101
P 9355 1300
E admin@shawmac.com.au

[illegible]



Enquiries: Jerolina Rankin (08 9956 1229)

Our Ref: 17/2227, D23#583108

Your Ref:

20 June 2023

Aimee North
Planning Officer
Shire of Morawa

By email: po@morawa.wa.gov.au

Dear Ms North

Proposed Development – Morawa CBH Permanent Bulkheads

Thank you for consulting Main Roads on the proposed development of emergency bulkhead adjacent to CBH existing site on Lot 51 on Deposited Plan 5170, Wubin – Mullewa Road, Morawa.

The current proposal will be located just outside the Morawa township. Main Roads has no objection to the proposed development with the following conditions:

1. Notify Main Roads prior to the planned temporary closure of Burton Road to the public during the harvest period.

Justification for Condition. Public safety.

2. No earthworks, fencing or private works associated with the proposal shall be located within the Wubin – Mullewa Road reserve.

Justification for Condition. Public safety and protection of the Primary Regional Road Reservation.

3. No stormwater drainage is to be discharged onto the Wubin - Mullewa Road reserve.

Justification for Condition. Public safety and protection of the Primary Regional Road Reservation.

4. No works are permitted within the Wubin Mullewa Road reserve, unless Main Roads has approved a relevant application to undertake works within the road reserve.

Justification for Condition. Public safety and protection of the Primary Regional Road Reservation.

5. No waste collection is permitted from the Wubin – Mullewa Road or widened road reservation.

Justification for Condition. Public safety and protection of the Primary Regional Road Reservation

Advice



- a) The applicant is required to submit an Application form to undertake works within the road reserve prior to undertaking any works within the road reserve. Application forms and supporting information about the procedure can be found on the Main Roads website > Technical & Commercial > Working on Roads.

Should the Shire disagree with or resolve not to include as part of its conditional approval any of the above conditions or advice, Main Roads requests an opportunity to meet and discuss the application further, prior to a final determination being made.

Main Roads requests a copy of the Shire's final determination on this proposal to be sent to mwgreg@mainroads.wa.gov.au quoting the file reference above.

If you would like any further information, please contact Jerolina Rankin on 9956 1229.

Yours sincerely

A handwritten signature in black ink that reads 'Adamson'.

Louise Adamson
Network Manager
Mid West-Gascoyne Region

Ordinary Council Meeting 22 June 2023

Attachment 1- 11. 2.1a Monthly Financial Report for the period ending 31 May 2023

Attachment 2- 11.2.1b Bank Reconciliation for the period ending 31 May 2023

Attachment 3- 11.2.1c List of Accounts Paid for the period ending 31 May 2023

Item 11.2.1- Statement of Financial Activity – May 2023



SHIRE OF MORAWA

STATEMENT OF FINANCIAL ACTIVITY

FOR THE YEAR ENDING
30 JUNE 2023



SHIRE OF MORAWA
MONTHLY FINANCIAL REPORT
(Containing the Statement of Financial Activity)
For the Period Ended 31 May 2023

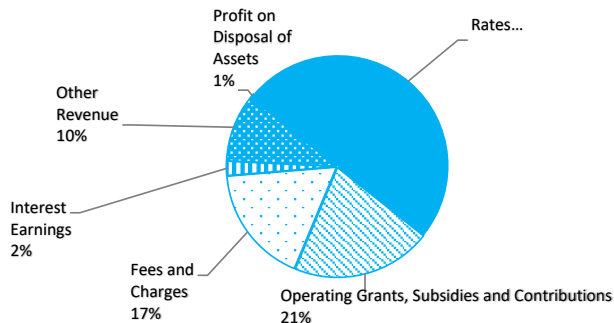
LOCAL GOVERNMENT ACT 1995
LOCAL GOVERNMENT (FINANCIAL MANAGEMENT) REGULATIONS 1996

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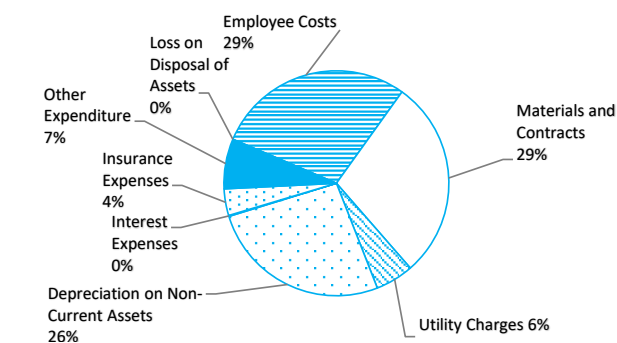
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Note 15 Trust Fund	24
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OPERATING ACTIVITIES

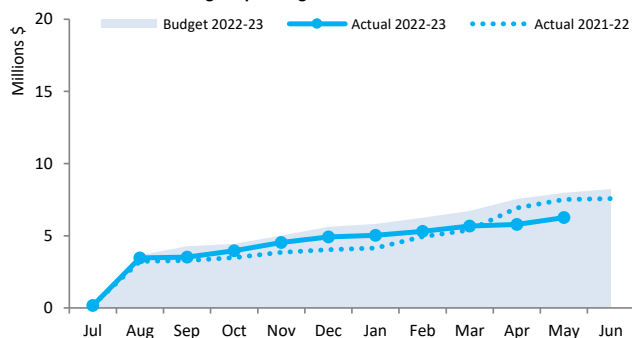
OPERATING REVENUE



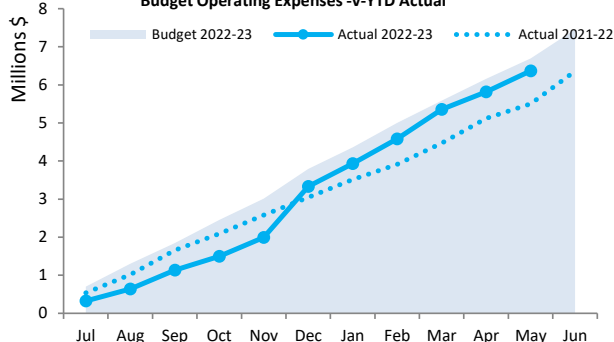
OPERATING EXPENSES



Budget Operating Revenues -v- Actual

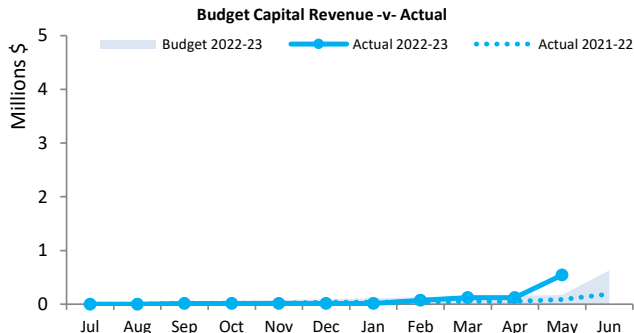


Budget Operating Expenses -v-YTD Actual

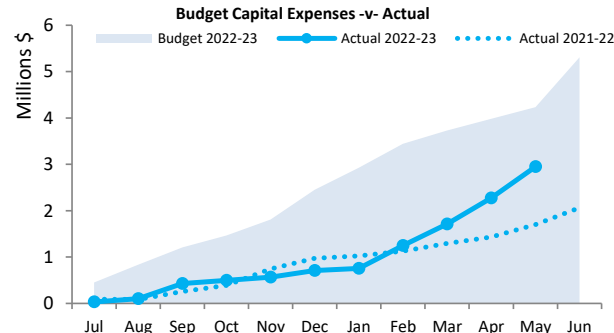


INVESTING ACTIVITIES

CAPITAL REVENUE



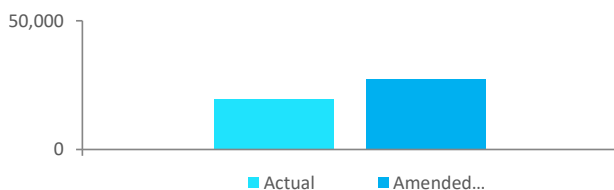
CAPITAL EXPENSES



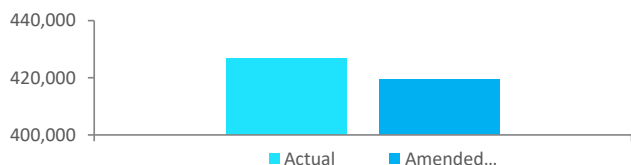
FINANCING ACTIVITIES

BORROWINGS

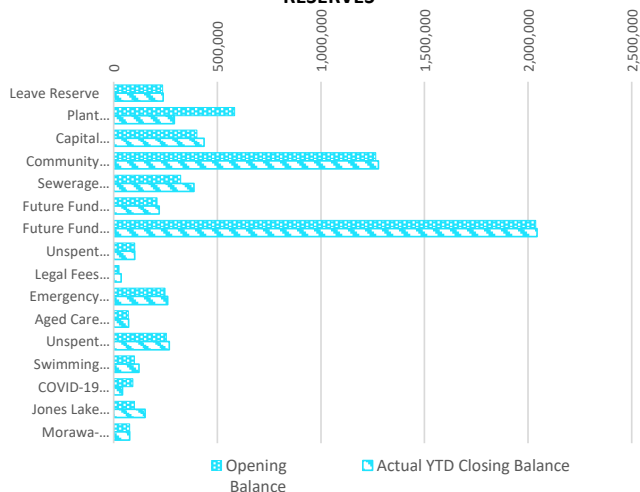
Principal Repayments



Principal Outstanding



RESERVES



This information is to be read in conjunction with the accompanying Financial Statements and Notes.

Funding surplus / (deficit) Components

Funding surplus / (deficit)				
	Amended Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)
Opening	\$2.38 M	\$2.38 M	\$2.38 M	\$0.00 M
Closing	\$0.07 M	\$1.04 M	\$1.09 M	\$0.05 M
Refer to Statement of Financial Activity				

Cash and cash equivalents		
	\$7.36 M	% of total
Unrestricted Cash	\$1.33 M	18.1%
Restricted Cash	\$6.03 M	81.9%
Refer to Note 2 - Cash and Financial Assets		

Payables		
	\$0.12 M	% Outstanding
Trade Payables	\$0.00 M	
0 to 30 Days		0.0%
30 to 90 Days		100.0%
Over 90 Days		0%
Refer to Note 5 - Payables		

Receivables		
	\$0.53 M	% Collected
Rates Receivable	\$0.49 M	86.4%
Trade Receivable	\$0.04 M	% Outstanding
30 to 90 Days		25.4%
Over 90 Days		4.9%
Refer to Note 3 - Receivables		

Key Operating Activities

Amount attributable to operating activities			
Amended Budget	YTD Budget (a)		Var. \$ (b)-(a)
\$0.26 M	\$0.61 M	\$0.47 M	(\$0.13 M)
Refer to Statement of Financial Activity			

Rates Revenue		
YTD Actual	\$2.56 M	% Variance
YTD Budget	\$2.56 M	0.3%
Refer to Note 6 - Rate Revenue		

Operating Grants and Contributions		
YTD Actual	\$1.07 M	% Variance
YTD Budget	\$1.83 M	(41.6%)
Refer to Note 13 - Operating Grants and Contributions		

Fees and Charges		
YTD Actual	\$0.91 M	% Variance
YTD Budget	\$0.91 M	(0.3%)
Refer to Statement of Financial Activity		

Key Investing Activities

Amount attributable to investing activities			
Amended Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)
(\$2.31 M)	(\$1.90 M)	(\$1.82 M)	\$0.08 M
Refer to Statement of Financial Activity			

Proceeds on sale		
YTD Actual	\$0.19 M	%
Amended Budget	\$0.18 M	7.9%
Refer to Note 7 - Disposal of Assets		

Asset Acquisition		
YTD Actual	\$2.95 M	% Spent
Amended Budget	\$4.61 M	(36.1%)
Refer to Note 8 - Capital Acquisitions		

Capital Grants		
YTD Actual	\$0.93 M	% Received
Amended Budget	\$2.13 M	(56.1%)
Refer to Note 8 - Capital Acquisitions		

Key Financing Activities

Amount attributable to financing activities			
Amended Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)
(\$0.26 M)	(\$0.04 M)	\$0.06 M	\$0.10 M
Refer to Statement of Financial Activity			

Borrowings	
Principal repayments	\$0.02 M
Interest expense	\$0.01 M
Principal due	\$0.43 M
Refer to Note 9 - Borrowings	

Reserves		
Reserves balance	\$6.03 M	
Interest earned	\$0.06 M	0.0%
Refer to Note 11 - Cash Reserves		

Lease Liability	
Principal repayments	\$0.01 M
Interest expense	\$0.00 M
Principal due	\$0.01 M
Refer to Note 10 - Lease Liabilities	

This information is to be read in conjunction with the accompanying Financial Statements and notes.

KEY TERMS AND DESCRIPTIONS
FOR THE PERIOD ENDED 31 MAY 2023

STATUTORY REPORTING PROGRAMS

Shire operations as disclosed in these financial statements encompass the following service orientated activities/programs.

PROGRAM NAME AND OBJECTIVES	ACTIVITIES
GOVERNANCE To manage Councils' Elected Members	Includes Members of Council, Civic Functions and Public Relations, Council Elections, Training/Education of members.
GENERAL PURPOSE FUNDING To manage Council's finances	Includes Rates, Loans, Investments & Grants.
LAW, ORDER, PUBLIC SAFETY To provide, develop & manage services in response to community needs.	Includes Emergency Services, Fire Services and Animal Control
HEALTH To provide, develop & manage services in response to community needs.	Includes Environmental Health, Medical and Health facilities and providers
EDUCATION AND WELFARE To provide, develop & manage services in response to community needs.	Includes Education, Welfare & Children's Services, Youth Development
HOUSING To ensure quality housing and appropriate infrastructure is maintained.	Includes Staff and other housing, including aged care units and Dreghorn Street units.
COMMUNITY AMENITIES To provide, develop & manage services in response to community needs.	Includes Refuse Collection, Sewerage, Cemetery, Building Control and Town Planning.
RECREATION AND CULTURE To ensure the recreational & cultural needs of the community are met.	Includes the Swimming Pool, Halls, Library, Oval, Parks and Gardens and Recreational Facilities.
TRANSPORT To effectively manage transport infrastructure within the shire.	Includes Roads, Footpaths, Private Works, Plant Operating Costs, Outside Crew wages and maintenance of the Airstrip.
ECONOMIC SERVICES To foster economic development, tourism & rural services in the district.	Includes Tourism, Rural Services, Economic Development & Caravan Park.
OTHER PROPERTY AND SERVICES To provide control accounts and reporting facilities for all other operations.	Includes Private Works, Public Works Overheads, Plant Recovery Costs, Administration Overheads and Unclassified Items

**STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 31 MAY 2023**

STATUTORY REPORTING PROGRAMS

	Ref	Adopted Budget	Amended Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)	Var. % (b)-(a)/(a)	Var.
	Note	\$	\$	\$	\$	\$	%	
Opening funding surplus / (deficit)	1(c)	2,025,977	2,379,523	2,379,523	2,379,523	0	0.00%	
Revenue from operating activities								
Governance		25	725	638	1,815	1,177	184.48%	
General purpose funding - general rates	6	2,556,796	2,556,796	2,556,883	2,564,073	7,190	0.28%	
General purpose funding - other		1,348,320	1,348,320	1,343,638	678,619	(665,019)	(49.49%)	▼
Law, order and public safety		176,435	175,285	162,614	136,717	(25,897)	(15.93%)	▼
Health		7,050	7,050	5,550	9,891	4,341	78.22%	
Education and welfare		7,000	16,500	15,777	15,681	(96)	(0.61%)	
Housing		100,800	111,500	101,733	89,165	(12,568)	(12.35%)	▼
Community amenities		493,741	569,941	555,811	540,131	(15,680)	(2.82%)	
Recreation and culture		86,200	127,700	123,227	111,957	(11,270)	(9.15%)	
Transport		700,326	700,326	599,600	620,674	21,074	3.51%	
Economic services		239,572	241,572	221,331	231,071	9,740	4.40%	
Other property and services		219,300	254,300	165,764	202,090	36,326	21.91%	▲
		5,935,565	6,110,015	5,852,566	5,201,884	(650,682)		
Expenditure from operating activities								
Governance		(527,195)	(527,383)	(440,922)	(349,766)	91,156	20.67%	▲
General purpose funding		(283,311)	(283,515)	(259,682)	(247,413)	12,269	4.72%	
Law, order and public safety		(260,489)	(263,504)	(239,470)	(193,985)	45,485	18.99%	▲
Health		(195,834)	(237,051)	(185,097)	(192,958)	(7,861)	(4.25%)	
Education and welfare		(195,625)	(201,652)	(181,823)	(96,886)	84,937	46.71%	▲
Housing		(219,445)	(239,522)	(223,381)	(215,474)	7,907	3.54%	
Community amenities		(775,914)	(882,031)	(778,864)	(510,267)	268,597	34.49%	▲
Recreation and culture		(1,564,330)	(1,576,173)	(1,434,127)	(1,365,958)	68,169	4.75%	
Transport		(2,322,932)	(2,333,051)	(2,095,454)	(2,233,633)	(138,179)	(6.59%)	
Economic services		(801,809)	(806,025)	(752,618)	(542,734)	209,884	27.89%	▲
Other property and services		(102,215)	(105,715)	(106,040)	(417,661)	(311,621)	(293.87%)	▼
		(7,249,099)	(7,455,622)	(6,697,478)	(6,366,735)	330,743		
Non-cash amounts excluded from operating activities	1(a)	1,601,192	1,601,192	1,450,713	1,635,846	185,133	12.76%	▲
Amount attributable to operating		287,658	255,585	605,801	470,995	(134,806)		
Investing Activities								
Proceeds from non-operating grants, subsidi	14	2,083,602	2,126,491	2,122,008	934,158	(1,187,850)	(55.98%)	▼
Proceeds from disposal of assets	7	178,200	178,200	172,513	192,200	19,687	11.41%	▲
Payments for Infrastructure	9	(2,529,370)	(2,773,698)	(2,583,300)	(1,794,545)	788,755	30.53%	▲
Payments for property, plant and equipment	8	(1,774,867)	(1,836,867)	(1,611,923)	(1,152,882)	459,041	28.48%	▲
		(2,042,435)	(2,305,874)	(1,900,702)	(1,821,070)	79,632		
Amount attributable to investing		(2,042,435)	(2,305,874)	(1,900,702)	(1,821,070)	79,632		
Financing Activities								
Transfer from reserves	11	441,640	441,640	0	350,000	350,000	0.00%	▲
Payments for principal portion of lease liabilities	10	(28,922)	(14,479)	(13,266)	(14,479)	(1,213)	(9.15%)	
Repayment of debentures	9	(27,355)	(27,355)	(26,084)	(19,688)	6,396	24.52%	
Transfer to reserves	11	(656,564)	(656,564)	(1,590)	(252,968)	(251,378)	(15809.95%)	▼
Amount attributable to financing activities		(271,201)	(256,758)	(40,940)	62,865	103,805		
Closing funding surplus / (deficit)	1(c)	0	72,476	1,043,682	1,092,313			

KEY INFORMATION

▲ ▼ Indicates a variance between Year to Date (YTD) Actual and YTD Actual data as per the adopted materiality threshold.

Refer to Note ` for an explanation of the reasons for the variance.

The material variance adopted by Council for the 2022-23 year is \$10,000 or 10.00% whichever is the greater.

This statement is to be read in conjunction with the accompanying Financial Statements and notes.

KEY TERMS AND DESCRIPTIONS FOR THE PERIOD ENDED 31 MAY 2023

REVENUE

RATES

All rates levied under the *Local Government Act 1995*. Includes general, differential, specified area rates, minimum rates, interim rates, back rates, ex-gratia rates, less discounts and concessions offered. Exclude administration fees, interest on instalments, interest on arrears, service charges and sewerage rates.

OPERATING GRANTS, SUBSIDIES AND CONTRIBUTIONS

Refers to all amounts received as grants, subsidies and contributions that are not non-operating grants.

NON-OPERATING GRANTS, SUBSIDIES AND CONTRIBUTIONS

Amounts received specifically for the acquisition, construction of new or the upgrading of identifiable non financial assets paid to a local government, irrespective of whether these amounts are received as capital grants, subsidies, contributions or donations.

REVENUE FROM CONTRACTS WITH CUSTOMERS

Revenue from contracts with customers is recognised when the local government satisfies its performance obligations under the contract.

FEES AND CHARGES

Revenues (other than service charges) from the use of facilities and charges made for local government services, sewerage rates, rentals, hire charges, fee for service, photocopying charges, licences, sale of goods or information, fines, penalties and administration fees. Local governments may wish to disclose more detail such as rubbish collection fees, rental of property, fines and penalties, other fees and charges.

SERVICE CHARGES

Service charges imposed under *Division 6 of Part 6 of the Local Government Act 1995*. *Regulation 54 of the Local Government (Financial Management) Regulations 1996* identifies these as television and radio broadcasting, underground electricity and neighbourhood surveillance services. Exclude rubbish removal charges. Interest and other items of a similar nature received from bank and investment accounts, interest on rate instalments, interest on rate arrears and interest on debtors.

INTEREST EARNINGS

Interest and other items of a similar nature received from bank and investment accounts, interest on rate instalments, interest on rate arrears and interest on debtors.

OTHER REVENUE / INCOME

Other revenue, which can not be classified under the above headings, includes dividends, discounts, rebates etc.

PROFIT ON ASSET DISPOSAL

Excess of assets received over the net book value for assets on their disposal.

NATURE OR TYPE DESCRIPTIONS

EXPENSES

EMPLOYEE COSTS

All costs associate with the employment of person such as salaries, wages, allowances, benefits such as vehicle and housing, superannuation, employment expenses, removal expenses, relocation expenses, worker's compensation insurance, training costs, conferences, safety expenses, medical examinations, fringe benefit tax, etc.

MATERIALS AND CONTRACTS

All expenditures on materials, supplies and contracts not classified under other headings. These include supply of goods and materials, legal expenses, consultancy, maintenance agreements, communication expenses, advertising expenses, membership, periodicals, publications, hire expenses, rental, leases, postage and freight etc. Local governments may wish to disclose more detail such as contract services, consultancy, information technology, rental or lease expenditures.

UTILITIES (GAS, ELECTRICITY, WATER, ETC.)

Expenditures made to the respective agencies for the provision of power, gas or water. Exclude expenditures incurred for the reinstatement of roadwork on behalf of these agencies.

INSURANCE

All insurance other than worker's compensation and health benefit insurance included as a cost of employment.

LOSS ON ASSET DISPOSAL

Shortfall between the value of assets received over the net book value for assets on their disposal.

DEPRECIATION ON NON-CURRENT ASSETS

Depreciation expense raised on all classes of assets.

INTEREST EXPENSES

Interest and other costs of finance paid, including costs of finance for loan debentures, overdraft accommodation and refinancing expenses.

OTHER EXPENDITURE

Statutory fees, taxes, allowance for impairment of assets, member's fees or State taxes. Donations and subsidies made to community groups.

**STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 31 MAY 2023**

BY NATURE OR TYPE

	Ref Note	Adopted Budget	Amended Budget	YTD Budget (a)	YTD Actual (b)	Var. \$ (b)-(a)	Var. % (b)-(a)/(a)	Var.
		\$	\$	\$	\$	\$	%	
Opening funding surplus / (deficit)	1(c)	2,025,977	2,379,523	2,379,523	2,379,523	0	0.00%	
Revenue from operating activities								
Rates	6	2,556,796	2,556,796	2,556,883	2,564,073	7,190	0.28%	
Operating grants, subsidies and contributions	13	1,795,291	1,902,791	1,833,211	1,070,916	(762,295)	(41.58%)	▼
Fees and charges		918,363	946,313	908,865	905,892	(2,973)	(0.33%)	
Interest earnings		63,564	63,564	59,970	109,201	49,231	82.09%	▲
Other revenue		571,425	610,425	493,637	518,367	24,730	5.01%	
Profit on disposal of assets	7	30,126	30,126	0	33,435	33,435	0.00%	▲
		5,935,565	6,110,015	5,852,566	5,201,884	(650,682)		
Expenditure from operating activities								
Employee costs		(2,122,849)	(2,185,178)	(2,007,569)	(1,816,032)	191,537	9.54%	
Materials and contracts		(2,386,532)	(2,521,203)	(2,210,096)	(1,825,726)	384,370	17.39%	▲
Utility charges		(377,375)	(376,875)	(346,276)	(349,193)	(2,917)	(0.84%)	
Depreciation on non-current assets		(1,582,699)	(1,582,699)	(1,450,713)	(1,666,030)	(215,317)	(14.84%)	▼
Interest expenses		(16,757)	(16,580)	(15,180)	(8,454)	6,726	44.31%	
Insurance expenses		(243,898)	(248,898)	(245,211)	(244,154)	1,057	0.43%	
Other expenditure		(476,318)	(481,518)	(422,433)	(457,145)	(34,712)	(8.22%)	
Loss on disposal of assets	7	(42,671)	(42,671)	0	0	0	0.00%	
		(7,249,099)	(7,455,622)	(6,697,478)	(6,366,735)	330,743		
Non-cash amounts excluded from operating activities	1(a)	1,601,192	1,601,192	1,450,713	1,635,846	185,133	12.76%	▲
Amount attributable to operating activities		287,658	255,585	605,801	470,995	(134,806)		
Investing activities								
Proceeds from non-operating grants, subsidies and contributions	14	2,083,602	2,126,491	2,122,008	934,158	(1,187,850)	(55.98%)	▼
Proceeds from disposal of assets	7	178,200	178,200	172,513	192,200	19,687	11.41%	▲
Payments for infrastructure	8	(2,529,370)	(2,773,698)	(2,583,300)	(1,794,545)	788,755	(30.53%)	
Payments for property, plant and equipment	8	(1,774,867)	(1,836,867)	(1,611,923)	(1,152,882)	459,041	(28.48%)	▲
		(2,042,435)	(2,305,874)	(1,900,702)	(1,821,070)	79,632		
Amount attributable to investing activities		(2,042,435)	(2,305,874)	(1,900,702)	(1,821,070)	79,632		
Financing Activities								
Transfer from reserves	11	441,640	441,640	0	350,000	350,000	0.00%	▲
Payments for principal portion of lease liabilities	10	(28,922)	(14,479)	(13,266)	(14,479)	(1,213)	(9.15%)	
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Transfer to reserves	11	(656,564)	(656,564)	(1,590)	(252,968)	(251,378)	(15809.95%)	▼
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Closing funding surplus / (deficit)	1(c)	0	72,476	1,043,682	1,092,313			

KEY INFORMATION

▲ ▼ Indicates a variance between Year to Date (YTD) Actual and YTD Actual data as per the adopted materiality threshold.

Refer to Note ` for an explanation of the reasons for the variance.

This statement is to be read in conjunction with the accompanying Financial Statements and Notes.

BASIS OF PREPARATION

The financial report has been prepared in accordance with Australian Accounting Standards (as they apply to local governments and not-for-profit entities) and interpretations of the Australian Accounting Standards Board, and the *Local Government Act 1995* and accompanying regulations.

The *Local Government Act 1995* and accompanying Regulations take precedence over Australian Accounting Standards where they are inconsistent.

The *Local Government (Financial Management) Regulations 1996* specify that vested land is a right-of-use asset to be measured at cost. All right-of-use assets (other than vested improvements) under zero cost concessionary leases are measured at zero cost rather than at fair value. The exception is vested improvements on concessionary land leases such as roads, buildings or other infrastructure which continue to be reported at fair value, as opposed to the vested land which is measured at zero cost. The measurement of vested improvements at fair value is a departure from AASB 16 which would have required the Shire to measure any vested improvements at zero cost.

Accounting policies which have been adopted in the preparation of this financial report have been consistently applied unless stated otherwise. Except for cash flow and rate setting information, the financial report has been prepared on the accrual basis and is based on historical costs, modified, where applicable, by the measurement at fair value of selected non-current assets, financial assets and liabilities.

THE LOCAL GOVERNMENT REPORTING ENTITY

All funds through which the Shire controls resources to carry on its functions have been included in the financial statements forming part of this financial report.

In the process of reporting on the local government as a single unit, all transactions and balances between those funds (for example, loans and transfers between funds) have been eliminated.

All monies held in the Trust Fund are excluded from the financial statements. A separate statement of those monies appears at Note 15 to these financial statements.

SIGNIFICANT ACCOUNTING POLICES

CRITICAL ACCOUNTING ESTIMATES

The preparation of a financial report in conformity with Australian Accounting Standards requires management to make judgements, estimates and assumptions that effect the application of policies and reported amounts of assets and liabilities, income and expenses.

The estimates and associated assumptions are based on historical experience and various other factors that are believed to be reasonable under the circumstances; the results of which form the basis of making the judgements about carrying values of assets and liabilities that are not readily apparent from other sources. Actual results may differ from these estimates.

GOODS AND SERVICES TAX

Revenues, expenses and assets are recognised net of the amount of GST, except where the amount of GST incurred is not recoverable from the Australian Taxation Office (ATO). Receivables and payables are stated inclusive of GST receivable or payable. The net amount of GST recoverable from, or payable to, the ATO is included with receivables or payables in the statement of financial position. Cash flows are presented on a gross basis. The GST components of cash flows arising from investing or financing activities which are recoverable from, or payable to, the ATO are presented as operating cash flows.

ROUNDING OFF FIGURES

All figures shown in this statement are rounded to the nearest dollar.

PREPARATION TIMING AND REVIEW

Date prepared: All known transactions up to 31 May 2023

(a) Non-cash items excluded from operating activities

The following non-cash revenue and expenditure has been excluded from operating activities within the Statement of Financial Activity in accordance with Financial Management Regulation 32.

	Notes	Adopted Budget	Amended Budget	YTD Budget (a)	YTD Actual (b)
Non-cash items excluded from operating activities					
		\$	\$	\$	\$
Adjustments to operating activities					
Less: Profit on asset disposals	7	(30,126)	(30,126)	0	(33,435)
Less: Movement in liabilities associated with restricted cash		5,948	5,948	0	3,251
Add: Loss on asset disposals	7	42,671	42,671	0	0
Add: Depreciation on assets		1,582,699	1,582,699	1,450,713	1,666,030
Total non-cash items excluded from operating activities		1,601,192	1,601,192	1,450,713	1,635,846

(b) Adjustments to net current assets in the Statement of Financial Activity

The following current assets and liabilities have been excluded from the net current assets used in the Statement of Financial Activity in accordance with *Financial Management Regulation 32*.

		Last Year Closing	This Time Last Year	Year to Date
		30 June 2022	31 May 2022	31 May 2023
Adjustments to net current assets				
Less: Reserves - restricted cash	11	(6,127,967)	(6,179,887)	(6,030,935)
Add Back: Component of Leave Liability not Required to be Fur	12	235,895	235,777	239,146
Add: Borrowings	9	27,355	7,374	7,667
Add: Lease liabilities	10	28,922	0	14,443
Total adjustments to net current assets		(5,835,795)	(5,936,735)	(5,769,679)

(c) Net current assets used in the Statement of Financial Activity

Current assets				
Cash and cash equivalents	2	9,143,287	9,258,084	7,359,912
Rates receivables	3	520,882	559,355	454,552
Receivables	3	25,085	34,968	40,384
Other current assets	4	113,542	10,957	32,546
Less: Current liabilities				
Payables	5	(646,048)	(127,296)	(118,137)
Borrowings	9	(27,355)	(7,374)	(7,667)
Contract liabilities	12	(528,111)	(4,655)	(528,111)
Lease liabilities	10	(28,922)	(0)	(14,443)
Provisions	12	(357,043)	(325,812)	(357,043)
Less: Total adjustments to net current assets	1(b)	(5,835,795)	(5,936,735)	(5,769,679)
Closing funding surplus / (deficit)		2,379,523	3,461,491	1,092,313

CURRENT AND NON-CURRENT CLASSIFICATION

In the determination of whether an asset or liability is current or non-current, consideration is given to the time when each asset or liability is expected to be settled. Unless otherwise stated assets or liabilities are classified as at current if expected to be settled within the next 12 months, being the Council's operational cycle.

Liabilities under transfers to acquire or construct non-financial assets to be controlled by the entity

Description	Classification	Unrestricted \$	Restricted \$	Total Cash \$	Trust \$	Institution	Interest Rate	Maturity Date
Cash on hand								
Cash On Hand	Cash and cash equivalents	400		400			NIL	On Hand
At Call Deposits								
Municipal Cash at Bank	Cash and cash equivalents	787,466		787,466		Bankwest	0.10%	At Call
Muni Business Telenet Saver	Cash and cash equivalents	541,111		541,111		Bankwest	0.10%	At Call
CAB - Future Fund Grant (Interest) Reserve	Cash and cash equivalents	0	219,226	219,226		Bankwest	0.10%	At Call
CAB - Leave Reserve Account	Cash and cash equivalents	0	239,146	239,146		Bankwest	0.10%	At Call
CAB - Swimming Pool Reserve	Cash and cash equivalents	0	122,336	122,336		Bankwest	0.10%	At Call
CAB - Plant Replacement Reserve	Cash and cash equivalents	0	292,349	292,349		Bankwest	0.10%	At Call
CAB - Capital Works Reserve	Cash and cash equivalents	0	436,703	436,703		Bankwest	0.10%	At Call
CAB - Sewerage Reserve	Cash and cash equivalents	0	388,038	388,038		Bankwest	0.10%	At Call
CAB - Unspent Loans Reserve	Cash and cash equivalents	0	101,640	101,640		Bankwest	0.10%	At Call
CAB - Community & Economic Development Reserve	Cash and cash equivalents	0	777,989	777,989		Bankwest	0.10%	At Call
CAB - Future Funds (Principal) Reserve	Cash and cash equivalents	0	443,472	443,472		Bankwest	0.10%	At Call
CAB - Legal Reserve	Cash and cash equivalents	0	36,557	36,557		Bankwest	0.10%	At Call
CAB - Emergency Response Reserve	Cash and cash equivalents	0	261,206	261,206		Bankwest	0.10%	At Call
CAB - Aged Care Units 1-4 (JVA) Reserve	Cash and cash equivalents	0	71,846	71,846		Bankwest	0.10%	At Call
CAB - Aged Care Units (Excl. 1-4) Reserve	Cash and cash equivalents	0	268,107	268,107		Bankwest	0.10%	At Call
CAB - COVID-19 Emergency Response Reserve	Cash and cash equivalents	0	43,149	43,149		Bankwest	0.10%	At Call
CAB - Jones Lake Road Rehab Reserve	Cash and cash equivalents	0	151,464	151,464		Bankwest	0.10%	At Call
CAB - Morawa-Yalgoo Road Maintenance Reserve	Cash and cash equivalents	0	77,708	77,708		Bankwest	0.10%	At Call
Term Deposits		0						
TD: ... 8410 (Future Funds 1)	Cash and cash equivalents	0	800,000	800,000		Bankwest	3.00%	30/06/2023
TD: ... 8428 (Future Funds 2)	Cash and cash equivalents	0	800,000	800,000		Bankwest	3.00%	30/06/2023
TD: ... 8436 (Community Development Fund)	Cash and cash equivalents	0	500,000	500,000		Bankwest	3.00%	30/06/2023
Trust Deposits								
Trust Bank	Cash and cash equivalents	0			8,773		0.10%	At Call
Total		1,328,976	6,030,935	7,359,912	8,773			
Comprising								
Cash and cash equivalents		1,328,976	6,030,935	7,359,912	8,773			
		1,328,976	6,030,935	7,359,912	8,773			

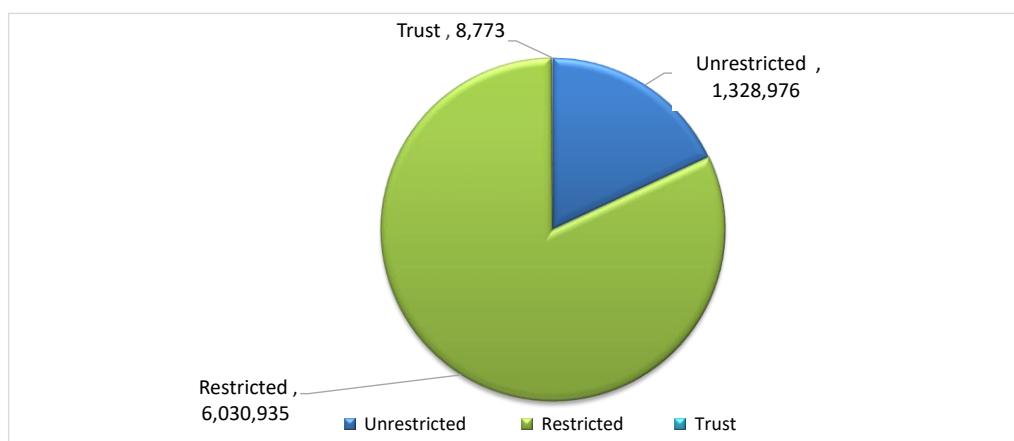
KEY INFORMATION

Cash and cash equivalents include cash on hand, cash at bank, deposits available on demand with banks and other short term highly liquid investments with original maturities of three months or less that are readily convertible to known amounts of cash and which are subject to an insignificant risk of changes in value and bank overdrafts. Bank overdrafts are reported as short term borrowings in current liabilities in the statement of net current assets.

The local government classifies financial assets at amortised cost if both of the following criteria are met:

- the asset is held within a business model whose objective is to collect the contractual cashflows, and
- the contractual terms give rise to cash flows that are solely payments of principal and interest.

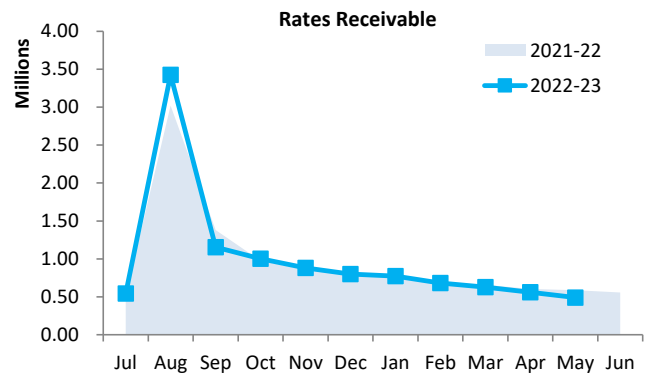
Financial assets at amortised cost held with registered financial institutions are listed in this note other financial assets at amortised cost are provided in Note 4 - Other assets.



**NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 31 MAY 2023**

**OPERATING ACTIVITIES
NOTE 3
RECEIVABLES**

Rates receivable	30 June 2022	31 May 2023
	\$	\$
Opening arrears previous years	527,201	556,973
Levied this year	2,590,351	3,052,781
Less - collections to date	(2,560,579)	(3,119,111)
Equals current outstanding	556,973	490,643
Net rates collectable	556,973	490,643
% Collected	82.1%	86.4%



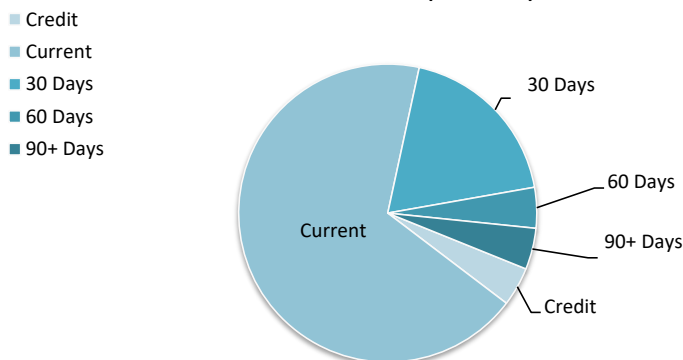
Receivables - general	Credit	Current	30 Days	60 Days	90+ Days	Total
	\$	\$	\$	\$	\$	\$
Receivables - general	(2,547)	40,957	11,332	2,654	2,695	55,091
Percentage	(4.6%)	74.3%	20.6%	4.8%	4.9%	
Balance per trial balance						
Sundry receivable						55,091
GST receivable						8,961
Increase in Allowance for impairment of receivables from contracts with customers						(25,012)
Total receivables general outstanding						40,384

Amounts shown above include GST (where applicable)

KEY INFORMATION

Trade and other receivables include amounts due from ratepayers for unpaid rates and service charges and other amounts due from third parties for goods sold and services performed in the ordinary course of business. Receivables expected to be collected within 12 months of the end of the reporting period are classified as current assets. All other receivables are classified as non-current assets. Collectability of trade and other receivables is reviewed on an ongoing basis. Debts that are known to be uncollectible are written off when identified. An allowance for impairment of receivables is raised when there is objective evidence that they will not be collectible.

Accounts Receivable (non-rates)



	Opening Balance 1 July 2022	Asset Increase	Asset Reduction	Closing Balance 31 May 2023
Other current assets	\$	\$	\$	\$
Inventory				
Fuel, Oils and Materials on Hand	20,965	0	0	20,965
Other current assets				
Accrued income	92,578	0	(80,997)	11,581
Total other current assets	113,543	0	(80,997)	32,546
Amounts shown above include GST (where applicable)				

KEY INFORMATION

Inventory

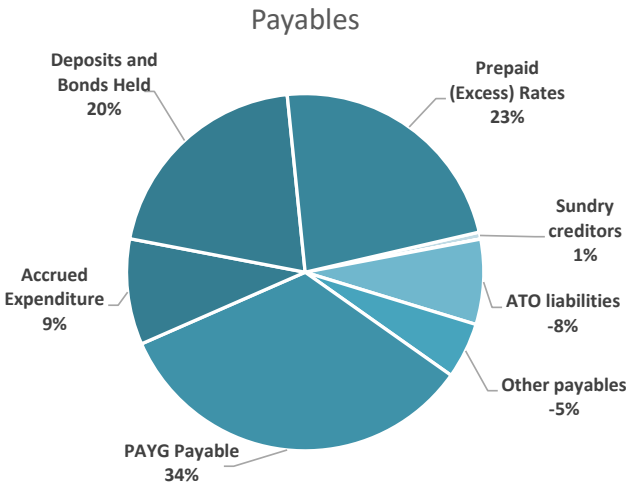
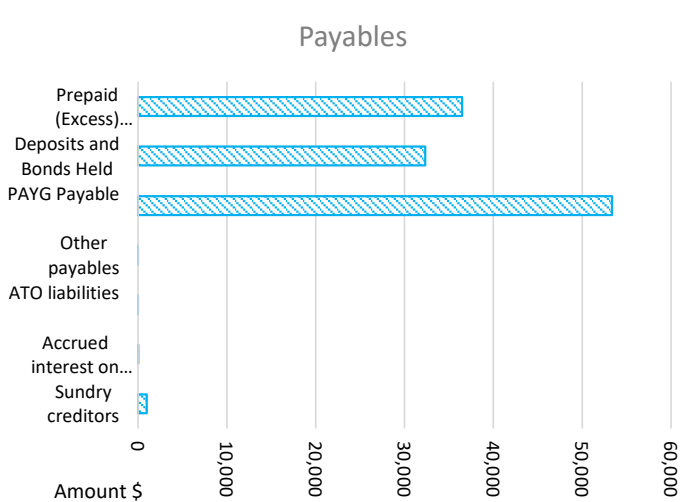
Inventories are measured at the lower of cost and net realisable value.

Net realisable value is the estimated selling price in the ordinary course of business less the estimated costs of completion and the estimated costs necessary to make the sale.

Payables - general	Credit	Current	30 Days	60 Days	90+ Days	Total
	\$	\$	\$	\$	\$	\$
Payables - general	0	0	935	0	0	935
Percentage	0%	0%	100%	0%	0%	
Balance per trial balance						
Sundry creditors						984
Accrued interest on Loans						27
ATO liabilities						(12,212)
Other payables						(8,037)
PAYG Payable						53,367
Accrued Expenditure						15,193
Deposits and Bonds Held						32,332
Prepaid (Excess) Rates						36,482
Total payables general outstanding						118,136
Amounts shown above include GST (where applicable)						

KEY INFORMATION

Trade and other payables represent liabilities for goods and services provided to the Shire that are unpaid and arise when the Shire becomes obliged to make future payments in respect of the purchase of these goods and services. The amounts are unsecured, are recognised as a current liability and are normally paid within 30 days of recognition.



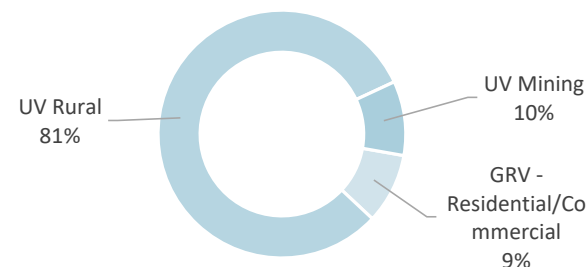
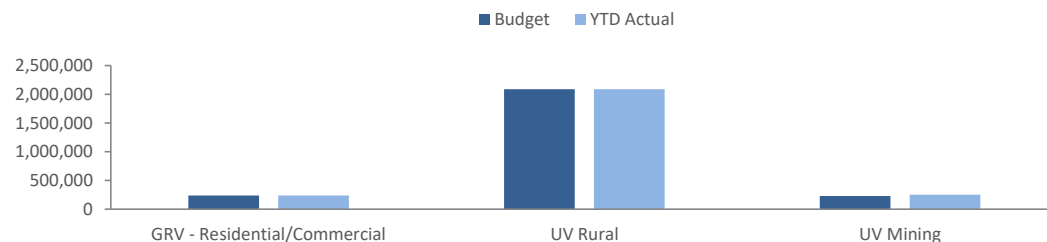
NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 31 MAY 2023

OPERATING ACTIVITIES
NOTE 6
RATE REVENUE

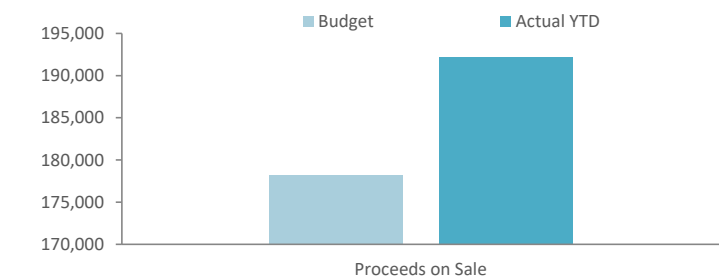
General rate revenue	Budget							YTD Actual			
	Rate in \$ (cents)	Number of Properties	Rateable Value	Rate Revenue	Interim Rate	Back Rate	Total Revenue	Rate Revenue	Interim Rates	Back Rates	Total Revenue
RATE TYPE				\$	\$	\$	\$	\$	\$	\$	\$
General Rate											
Gross rental valuations											
GRV - Residential/Commercial	0.084538	268	2,799,272	236,645	0	0	236,645	236,645	0.00	0.00	236,645
Unimproved value											
UV Rural	0.024439	207	85,452,000	2,088,313	0	0	2,088,313	2,088,362	0.00	0.00	2,088,362
UV Mining	0.301974	31	827,575	231,376	0	0	231,376	249,906	0.00	0.00	249,906
Sub-Total		506	89,078,847	2,556,334	0	0	2,556,334	2,574,912	0	0	2,574,912
Minimum payment	Minimum \$										
Gross rental valuations											
GRV - Residential/Commercial	324.50	46	27,993	14,927	0	0	14,927	14,927	0	0	14,927
Unimproved value											
UV Rural	324.50	9	54,070	2,920	0	0	2,920	2,921	(26)	0	2,894
UV Mining	683.00	9	9,082	6,147	0	0	6,147	6,147	(4,330)	0	1,817
Sub-total		64	91,145	23,994	0	0	23,994	23,995	(4,356)	0	19,638
		570	89,169,992	2,580,328	0	0	2,580,328	2,598,907	(4,356)	0	2,594,551
Discount							(29,200)				(31,610)
Amount from general rates							2,551,128				2,562,941
Rates Written Off							(1,000)				(8,635)
Ex-gratia rates							6,668				9,766
Total general rates							2,556,796				2,564,073

KEY INFORMATION

Prepaid rates are, until the taxable event for the rates has occurred, refundable at the request of the ratepayer. Rates received in advance give rise to a financial liability. On 1 July 2021 the prepaid rates were recognised as a financial asset and a related amount was recognised as a financial liability and no income was recognised. When the taxable event occurs the financial liability is extinguished and income recognised for the prepaid rates that have not been refunded.



Asset Ref.	Asset description	Updated Budget				YTD Actual			
		Value	Proceeds	Profit	(Loss)	Value	Proceeds	Profit	(Loss)
		\$	\$	\$	\$	\$	\$	\$	\$
	Plant and equipment								
	Transport								
	Iveco 6700 Powerstar	24,252	45,000	20,748	0	23,074	45,000	21,926	0
	Isuzu Truck	6,261	13,200	6,939	0	4,890	13,200	8,310	0
	Kubota F3680 & Catcher	11,561	14,000	2,439	0	10,800	14,000	3,200	0
	Nissan Navara - 000 MO	20,065	15,000	0	(5,065)	0	0	0	0
	Fuel Tanker	1,046	1,000	0	(46)	0	0	0	0
	John Deere Grader 670 GP	127,560	90,000	0	(37,560)	0	120,000	0	0
		190,745	178,200	30,126	(42,671)	38,765	192,200	33,435	0



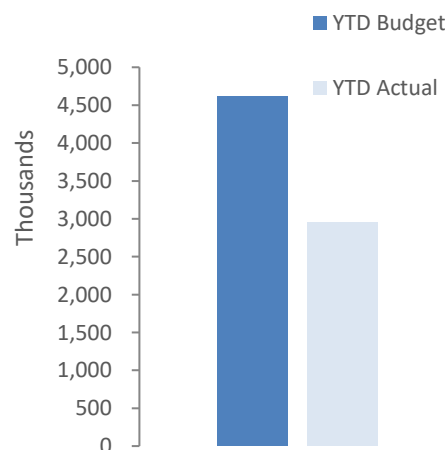
**NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 31 MAY 2023**

**INVESTING ACTIVITIES
NOTE 8
CAPITAL ACQUISITIONS**

Capital acquisitions	Adopted Budget	Amended Budget	YTD Budget	YTD Actual	YTD Actual Variance
		\$	\$	\$	\$
Land and Buildings	870,000	817,000	677,055	261,452	(415,603)
Furniture and equipment	0	55,000	50,413	50,000	(413)
Plant and equipment	904,867	964,867	884,455	841,430	(43,025)
Infrastructure - roads	1,632,000	1,677,000	1,612,230	1,345,717	(266,513)
Infrastructure - Footpaths	126,520	126,520	126,520	122,007	(4,513)
Infrastructure - Drainage	50,000	50,000	50,000	0	(50,000)
Infrastructure - Parks & Ovals	131,640	131,640	80,820	2,843	(77,977)
Infrastructure - Sewerage	60,000	60,000	50,005	6,182	(43,823)
Infrastructure - Playground Equipment	90,000	110,000	100,826	43,753	(57,073)
Infrastructure - Other	275,854	455,182	415,893	273,855	(142,038)
Infrastructure - Airfields	163,356	163,356	147,006	189	(146,817)
Payments for Capital Acquisitions	4,304,237	4,610,565	4,195,223	2,947,428	(1,247,795)
Total Capital Acquisitions	4,304,237	4,610,565	4,195,223	2,947,428	(1,247,795)
Capital Acquisitions Funded By:					
		\$	\$	\$	\$
Capital grants and contributions	2,083,602	2,126,491	2,122,008	934,158	(1,187,850)
Other (disposals & C/Fwd)	178,200	178,200	172,513	192,200	19,687
Cash backed reserves					
Plant Replacement Reserve	300,000	300,000	0	300,000	300,000
Future Fund Grants (Interest) Reserve	0	40,000	0	0	0
Unspent Loans Reserve	0	101,640	0	0	0
COVID-19 Emergency Response Reserve	0	0	0	50,000	50,000
Contribution - operations	1,742,435	1,864,234	1,900,702	1,471,070	(429,632)
Capital funding total	4,304,237	4,610,565	4,195,223	2,947,428	(1,247,795)

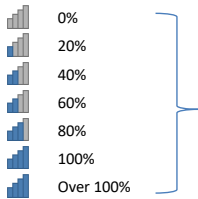
SIGNIFICANT ACCOUNTING POLICIES

All assets are initially recognised at cost. Cost is determined as the fair value of the assets given as consideration plus costs incidental to the acquisition. For assets acquired at no cost or for nominal consideration, cost is determined as fair value at the date of acquisition. The cost of non-current assets constructed by the local government includes the cost of all materials used in the construction, direct labour on the project and an appropriate proportion of variable and fixed overhead. Certain asset classes may be revalued on a regular basis such that the carrying values are not materially different from fair value. Assets carried at fair value are to be revalued with sufficient regularity to ensure the carrying amount does not differ materially from that determined using fair value at reporting date.




































Capital expenditure total

Level of completion indicators



Percentage Year to Date Actual to Annual Budget expenditure where the expenditure over budget highlighted in red.

Level of completion indicator, please see table at the end of this note for further detail.

		Adopted	Amended		
Account/Job Description		Budget	Budget	YTD Budget	Variance (Under)/ Over
Buildings					
	Land & Buildings - Dr's Surgery / House	0	0	0	(7,880)
	Land & Buildings Renewal - Other Culture	(20,000)	(20,000)	0	(11,800)
	Purchase Land & Buildings	(70,000)	(100,000)	(91,575)	(33,533)
	Purchase Land & Buildings - Other Housing	0	(50,000)	(45,815)	8,456
	Old Roads Board Building - Storage, entrance, water tank	(200,000)	(325,000)	(297,902)	281,539
	Recreation Centre - Renewals	(500,000)	(70,000)	(64,163)	64,163
	Purchase Land and Buildings	(20,000)	(20,000)	(10,000)	0
	Caravan Park Chalets/Units - Renewals	(60,000)	(60,000)	(30,000)	(3,300)
	Caravan Park Disabled Toilets Addition	0	(172,000)	(137,600)	107,957
		(870,000)	(817,000)	(677,055)	415,603
Plant & Equipment					
	Purchase Plant & Equipment - Road Plant Purchases	(904,867)	(964,867)	(884,455)	43,025
		(904,867)	(964,867)	(884,455)	43,025
Furniture & Equipment					
	Purchase Furniture & Equipment - Other Recreation & Sport	0	(55,000)	(50,413)	413
		0	(55,000)	(50,413)	413
Infrastructure Other					
	Other Infrastructure	(80,000)	(80,000)	(72,000)	(5,478)
	Other Infrastructure - Fire Prevention	0	(74,328)	(68,134)	6,776
	Infrastructure Other - Solar Initiatives	(20,000)	0	0	(1,767)
	Cemetery Entrance & Landscaping	(175,854)	(300,854)	(275,759)	142,507
		(275,854)	(455,182)	(415,893)	142,038
Infrastructure Sewerage					
	Sewerage Upgrade	(60,000)	(60,000)	(50,005)	43,823
		(60,000)	(60,000)	(50,005)	43,823
Infrastructure Parks & Ovals					
	Electric Vehicle Charging Stations	(30,000)	(30,000)	(30,000)	720
	Netball Courts - Shed Replacement	(101,640)	(101,640)	(50,820)	48,697
		(131,640)	(131,640)	(80,820)	77,977
Infrastructure Roads					
	Morawa Yalgoo Road	(450,000)	(450,000)	(449,992)	(24,661)
	Nanekine Road	(450,000)	(450,000)	(449,997)	(20,906)
	Canna North East Road	(300,000)	(200,000)	(299,997)	183,006
	Gutha West Rd	(100,000)	(200,000)	(99,999)	(47,218)
	White Road - Gravel Resheeting	(112,000)	(112,000)	(111,995)	22,270
	Black Spot Evaside Rd Expenditure	0	(45,000)	(41,250)	41,250
	Main Street Lighting Upgrade	(110,000)	(110,000)	(55,000)	54,661
	Townsite Construction - Valentine Street	(60,000)	(60,000)	(54,000)	0
	Kerbing Construction - Townsite Roads	(50,000)	(50,000)	(50,000)	4,110
		(1,632,000)	(1,677,000)	(1,612,230)	266,513
Infrastructure Footpaths					
	Granville Street - Footpath	(65,584)	(65,584)	(65,584)	4,091
	Dreghorn Street - Footpath	(60,936)	(60,936)	(60,936)	422
		(126,520)	(126,520)	(126,520)	4,513
Infrastructure Drainage					
	Drainage Construction	(50,000)	(50,000)	(50,000)	0
		(50,000)	(50,000)	(50,000)	0
Infrastructure - Playground Equipment					
	Purchase Playground Equipment	(90,000)	0	0	0
	Purchase Playground Equipment	0	(110,000)	(100,826)	57,073
		(90,000)	(110,000)	(100,826)	57,073
Infrastructure Aerodrome					
	Community Stewardship Grant Exp - Airport Vermin Fencing	(163,356)	(163,356)	(147,006)	146,817
		(163,356)	(163,356)	(147,006)	146,817
		(4,304,237)	(4,610,565)	(4,195,223)	1,247,795

**NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 31 MAY 2023**

FINANCING ACTIVITIES

NOTE 9

BORROWINGS

Repayments - borrowings

Information on borrowings			New Loans			Principal Repayments			Principal Outstanding			Interest Repayments		
Particulars	Loan No.	1 July 2022	Actual	Amended Budget	Adopted Budget	Actual	Amended Budget	Adopted Budget	Actual	Amended Budget	Adopted Budget	Actual	Amended Budget	Adopted Budget
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Housing														
24 Harley Street - Staff Housing	136	264,472	0	0	0	7,519	15,186	15,186	256,952	249,286	249,286	5,815	12,046	12,046
Recreation and culture														
Netball Courts Redevelopment	139	182,112	0	0	0	12,169	12,169	12,169	169,944	169,943	169,943	2,615	4,509	4,509
Total		446,584	0	0	0	19,688	27,355	27,355	426,896	419,229	419,229	8,429	16,555	16,555
Current borrowings		27,355							7,667					
Non-current borrowings		419,229							419,229					
		446,584							426,896					

All debenture repayments were financed by general purpose revenue.

Unspent borrowings

Particulars	Date Borrowed	Unspent Balance 30/06/2022	Borrowed During Year	Expended During Year	Unspent Balance 31 May 2023
		\$	\$	\$	\$
New Shed	1 Sep 2020	101,640	0	(2,105)	99,535
		101,640	0	(2,105)	99,535

KEY INFORMATION

All loans and borrowings are initially recognised at the fair value of the consideration received less directly attributable transaction costs. After initial recognition, interest-bearing loans and borrowings are subsequently measured at amortised cost using the effective interest method. Fees paid on the establishment of loan facilities that are yield related are included as part of the carrying amount of the loans and borrowings.

**NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 31 MAY 2023**

**FINANCING ACTIVITIES
NOTE 10
LEASE LIABILITIES**

Movement in carrying amounts

Information on leases			New Leases			Principal Repayments			Principal Outstanding			Interest Repayments		
Particulars	Lease No.	1 July 2022	Actual	Amended Budget	Adopted Budget	Actual	Amended Budget	Adopted Budget	Actual	Amended Budget	Adopted Budget	Actual	Amended Budget	Adopted Budget
		\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
Recreation and culture														
Lease - Gymnasium Equipment		28,922	0	0	0	14,479	14,479	28,922	14,443	14,443	0	24	25	202
Total		28,922	0	0	0	14,479	14,479	28,922	14,443	14,443	0	24	25	202
Current lease liabilities		28,922							14,443					
Non-current lease liabilities		0							0					
		28,922							14,443					

All lease repayments were financed by general purpose revenue.

KEY INFORMATION

At inception of a contract, the Shire assesses if the contract contains or is a lease. A contract is, or contains, a lease if the contract conveys the right to control the use of an identified asset for a period of time in exchange for consideration. At the commencement date, a right of use asset is recognised at cost and lease liability at the present value of the lease payments that are not paid at that date. The lease payments are discounted using that date. The lease payments are discounted using the interest rate implicit in the lease, if that rate can be readily determined. If that rate cannot be readily determined, the Shire uses its incremental borrowing rate.

All contracts classified as short-term leases (i.e. a lease with a remaining term of 12 months or less) and leases of low value assets are recognised as an operating expense on a straight-line basis over the term of the lease.

Cash backed reserve

Reserve name	Opening Balance	Budget Interest Earned	Actual Interest Earned	Budget Transfers In (+)	Actual Transfers In (+)	Budget Transfers Out (-)	Actual Transfers Out (-)	Budget Closing Balance	Actual YTD Closing Balance
	\$	\$	\$	\$	\$	\$	\$	\$	\$
Leave Reserve	235,895	948	3,251	5,000	0	0	0	241,843	239,146
Plant Replacement Reserve	584,297	1,734	8,052	300,000	0	(300,000)	(300,000)	586,031	292,349
Capital Works Reserve	401,174	1,912	5,528	100,000	30,000	0	0	503,086	436,703
Community & Economic Development Reserve	1,264,779	5,010	13,210	0	0	0	0	1,269,789	1,277,989
Sewerage Reserve	323,579	1,125	4,459	60,000	60,000	0	0	384,704	388,038
Future Fund Grants (Interest) Reserve	209,080	6,660	10,145	0	0	(40,000)	0	175,740	219,226
Future Fund (Principal) Reserve	2,036,179	2,049	7,293	0	0	0	0	2,038,228	2,043,472
Unspent Loans Reserve	101,640	0	0	0	0	(101,640)	0	(0)	101,640
Legal Fees Reserve	26,196	107	361	10,000	10,000	0	0	36,303	36,557
Emergency Response Reserve	247,792	813	3,415	10,000	10,000	0	0	258,605	261,206
Aged Care Units 1-4 (JVA) Reserve	70,870	291	977	0	0	0	0	71,161	71,846
Unspent Loans Reserve	254,599	375	3,508	10,000	10,000	0	0	264,974	268,107
Swimming Pool Reserve	100,945	333	1,391	20,000	20,000	0	0	121,278	122,336
COVID-19 Emergency Response Reserve	93,149	0	0	0	0	0	(50,000)	93,149	43,149
Jones Lake Road Rehab Reserve	100,085	207	1,379	50,000	50,000	0	0	150,292	151,464
Morawa-Yalgoo Road Maintenance Reserve	77,708	0	0	70,000	0	0	0	147,708	77,708
	6,127,967	21,564	62,968	635,000	190,000	(441,640)	(350,000)	6,342,891	6,030,935

		Opening Balance	Liability transferred from/(to) non current	Liability Increase	Liability Reduction	Closing Balance
Other current liabilities	Note	1 July 2022				31 May 2023
		\$		\$	\$	\$
Other liabilities						
- Contract liabilities		528,111	0	0	0	528,111
Total other liabilities		528,111	0	0	0	528,111
Provisions						
Provision for annual leave		186,070	0	0	0	186,070
Provision for long service leave		170,973	0	0	0	170,973
Total Provisions		357,043	0	0	0	357,043
Total other current liabilities		885,154	0	0	0	885,154
Amounts shown above include GST (where applicable)						

KEY INFORMATION

Provisions

Provisions are recognised when the Shire has a present legal or constructive obligation, as a result of past events, for which it is probable that an outflow of economic benefits will result and that outflow can be reliably measured.

Provisions are measured using the best estimate of the amounts required to settle the obligation at the end of the reporting period.

Employee benefits

Short-term employee benefits

Provision is made for the Shire's obligations for short-term employee benefits. Short-term employee benefits are benefits (other than termination benefits) that are expected to be settled wholly before 12 months after the end of the annual reporting period in which the employees render the related service, including wages, salaries and sick leave. Short-term employee benefits are measured at the (undiscounted) amounts expected to be paid when the obligation is settled.

The Shire's obligations for short-term employee benefits such as wages, salaries and sick leave are recognised as a part of current trade and other payables in the calculation of net current assets.

Other long-term employee benefits

The Shire's obligations for employees' annual leave and long service leave entitlements are recognised as provisions in the statement of financial position.

Long-term employee benefits are measured at the present value of the expected future payments to be made to employees. Expected future payments incorporate anticipated future wage and salary levels, durations of service and employee departures and are discounted at rates determined by reference to market yields at the end of the reporting period on government bonds that have maturity dates that approximate the terms of the obligations. Any remeasurements for changes in assumptions of obligations for other long-term employee benefits are recognised in profit or loss in the periods in which the changes occur. The Shire's obligations for long-term employee benefits are presented as non-current provisions in its statement of financial position, except where the Shire does not have an unconditional right to defer settlement for at least 12 months after the end of the reporting period, in which case the obligations are presented as current provisions.

Contract liabilities

An entity's obligation to transfer goods or services to a customer for which the entity has received consideration (or the amount is due) from the customer. Grants to acquire or construct recognisable non-financial assets to identified specifications be constructed to be controlled by the Shire are recognised as a liability until such time as the Shire satisfies its obligations under the agreement.

Operating grants, subsidies and contributions revenue					
Provider	Adopted Budget Revenue	Amended YTD Budget	Annual Budget	Budget Variations	YTD Revenue Actual
	\$	\$	\$	\$	\$
Operating grants, contributions and subsidies					
General purpose funding					
Grants- FAGS WALGGC - General	842,773	842,772	842,773	450,205	392,567
Grants- FAGS WALGGC - Local Roads	427,983	427,983	427,983	288,015	139,968
Law, order, public safety					
Grant - ESL BFB Operating Grant	20,000	20,000	20,000	(4,564)	24,564
Grant - ESL BFB Operating Grant - Bushfire Risk Planning	149,785	137,302	149,785	25,959	111,343
Education and welfare					
Grant - Youth Events	2,000	8,000	8,000	500	7,500
Other Income	1,500	4,576	5,000	(424)	5,000
Community amenities					
Grants/Contributions	20,000	20,000	20,000	5,000	15,000
Grants Income	0	66,665	80,000	6,665	60,000
Drummuster Contribution	250	250	250	250	0
Recreation and culture					
Grant - NAIDOC week	2,000	0	2,000	0	0
Australia Day Grant	12,000	30,000	30,000	(0)	30,000
Transport					
Grant - Main Roads - Direct	151,000	151,000	151,000	(13,489)	164,489
Street Light Subsidy	10,000	7,500	10,000	2,673	4,827
Maintenance Contribution -Silverlake - Morawa Yalgoo Road	100,000	75,000	100,000	(8,406)	83,406
Road Maintenance Contribution	55,000	41,250	55,000	8,998	32,252
Other property and services					
Income related to Unclassified	1,000	913	1,000	913	0
TOTALS	1,795,291	1,833,211	1,902,791	762,295	1,070,916

Non operating grants, subsidies and contributions revenue

Provider	Adopted Budget Revenue	Amended Budget Revenue	Amended YTD Budget	Budget Variations	YTD Revenue Actual
	\$	\$	\$	\$	\$
Non-operating grants and subsidies					
Law, order, public safety					
Grant - Dept Water & Environment	0	53,728	49,247	43,874	5,373
Community amenities					
Grants - LRCIP GEN	175,854	300,854	300,854	300,854	0
Recreation and culture					
Grant - LRCIP - Old Roads Board Building	200,000	325,000	325,000	296,634	28,366
Grant Income - LRCIP	422,000	0	0	(28,367)	28,367
Transport					
Grant - Regional Road Group - Road Projects	600,000	600,000	600,000	120,000	480,000
Black Sport Grant Income	0	30,000	30,000	30,000	0
Grant - Roads to Recovery	499,971	499,971	499,970	192,603	307,367
Grant - WA Bicycle Network	63,260	63,260	63,260	8,276	54,984
CSG Grant - Airport Vermin Fencing	122,517	81,678	81,678	81,678	0
Grant - Airstrip Upgrade	0	0	0	(29,701)	29,701
	2,083,602	2,126,491	2,122,008	1,187,850	934,158

**NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 31 MAY 2023**

**NOTE 15
TRUST FUND**

Funds held at balance date which are required by legislation to be credited to the trust fund and which are not included in the financial statements are as follows:

Description	Opening Balance	Amount	Amount	Closing Balance
	1 July 2022	Received	Paid	31 May 2023
	\$	\$	\$	\$
Drug Action Group	660	0	0	660
Youth Fund Raising	865	0		865
BRB/BCITF	3,144	4,104	0	7,248
	4,669	4,104	0	8,773

NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 31 MAY 2023

EXPLANATION OF MATERIAL VARIANCES

The material variance thresholds are adopted annually by Council as an indicator of whether the actual expenditure or revenue varies from the year to date Actual materially.

The material variance adopted by Council for the 2022-23 year is \$10,000 or 10.00% whichever is the greater.

Reporting Program	Var. \$	Var. %	Explanation of positive variances		Explanation of negative variances	
			Timing	Permanent	Timing	Permanent
	\$	%				
Revenue from operating activities						
General purpose funding - other	(665,019)	(49.49%)	▼		The phasing of the Financial Assistance Grant income budget differs from the actuals.	
Law, order and public safety	(25,897)	(15.93%)	▼		Fire Prevention revenue is tracking lower than budgtd due to refund of under spent Grant for Bushfire Risk Planning.	
Housing	(12,568)	(12.35%)	▼		Both Other Housing and Aged Housing are tracking lower than budgeted due to less revenue received from 345 Grove St and all Aged Care Units with the exceptions of Units 7 & 9.	
Other property and services	36,326	21.91%	▲	DRFAWA Claims received in November 22 & Mar 23, budgeted for in Dec 22 & June 23.		
Expenditure from operating activities						
Governance	91,156	20.67%	▲	The phasing of various expenditure account budgets are higher than the actuals.		
Law, order and public safety	45,485	18.99%	▲	Fire Services Manager for 4 Shires, Fire Hydrant Maintenance, Bushfire Risk Planning Co-Ordinator and Ranger Services tracking GL's tracking lower than budgeted.		
Education and welfare	84,937	46.71%	▲	Other Welfare expenditure is tracking lower than budgeted.		
Community amenities	268,597	34.49%	▲	Other Community Amenties tracking lower than budgeted in general with the largest variance being Projects - Community Benefit Cont.		
Economic services	209,884	27.89%	▲	Both Tourism & Area Promotion and Economic Development are both tracking lower the budgeted with the \$40,000 budgeted for the Morawa Future Fund yet to be expensed.		
Other property and services	(311,621)	(293.87%)	▼		Public Works Overheads, Plant Operation Cost are tracking substantially higher than budgeted.	
Investing activities						
Proceeds from non-operating grants, subsidies and contributions	(1,187,850)	(55.98%)	▼		The phasing of the LRCIP and road grant income budgets are ahead of the actuals.	
Payments for Infrastructure	788,755	30.53%	▲	The phasing of various expenditure account budgets differ from the actuals.		
Payments for property, plant and equipment	459,041	28.48%	▲	The phasing of various expenditure account budgets differ from the actuals.		
Financing activities						
Transfer from reserves	350,000	0.00%	▲	Transfer from Reserve are budgeted to happen at end on year.		
Transfer to reserves	(251,378)	(15809.95%)	▼		Transfer to Reserve are budgeted to happen at end on year.	

**NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 31 MAY 2023**

**NOTE 17
BUDGET AMENDMENTS**

Amendments to original budget since budget adoption. Surplus/(Deficit)

GL Code	Description	Council Resolution	Classification	Non Cash Adjustment	Increase in Available Cash	Decrease in Available Cash	Amended Budget Running Balance
				\$	\$	\$	\$
	Budget adoption		Opening surplus				0
	Change in opening surplus since budget adoption				353,545		353,545
08661.110	Grant Income - Youth	221106	Operating Revenue		6,000		359,545
12133.123	Contributions	221106	Operating Revenue		30,000		389,545
11622.126	Income - Music, Arts & Festivals	221106	Operating Revenue		16,000		405,545
11607.520	Morawa Music & Arts Festival	221106	Operating Expenses			(5,000)	400,545
11612.521	Arts & Culture Plan Grant Expenditure	221106	Operating Expenses			(6,000)	394,545
05152.520	Other Infrastructure - Fire Prevention	221106	Capital Expenses			(74,328)	320,217
08613.110	Record Not Found	221106	Operating Expenses			(6,000)	314,217
09132.150	Income - 17 Solomon Tce	221106	Operating Revenue		6,000		320,217
12150.521	Rural Roads Construction	221106	Capital Expenses			(45,000)	275,217
05124.123	Grant - Dept Water & Environment	221106	Operating Revenue		53,728		328,945
03100.903	ABC Allocated - Rates	230313	Non Cash Item	(156)			328,945
03200.903	ABC Allocation - GP Funding	230313	Non Cash Item	(48)			328,945
04100.903	ABC Allocation - Members	230313	Non Cash Item	(188)			328,945
04230.156	Other Income - Governance general	230313	Operating Revenue		700		329,645
05100.903	ABC Allocation - Fire Prevention	230313	Non Cash Item	(6)			329,645
05200.903	ABC Allocation - Animal Control	230313	Non Cash Item	(8)			329,645
05221.156	Dog Registration Fees	230313	Operating Revenue			(1,000)	328,645
05224.156	Cat Licences GEN	230313	Operating Revenue			(150)	328,495
05300.903	ABC Allocation - Animal Control	230313	Non Cash Item	(1)			328,495
05301.520	SMS Alert Service Account	230313	Operating Expenses			(3,000)	325,495
07400.903	ABC Allocation - Admin & Inspection	230313	Non Cash Item	(5)			325,495
07500.903	ABC Allocation - Pest Control	230313	Non Cash Item	(2)			325,495
07700.903	ABC Allocation - Other Health	230313	Non Cash Item	(10)			325,495
07702.520	Drs Surgery Operating Expense	230313	Operating Expenses			(2,200)	323,295
07709.905	Housing Costs Allocated	230313	Non Cash Item	(15,000)			323,295
07711.520	Other Expenses	230313	Operating Expenses			(24,000)	299,295
07767.702	Transfer to capital works Reserve	230313	Capital Expenses		446		299,741
08200.903	ABC Allocation - Other Education	230313	Non Cash Item	(3)			299,741
08600.903	ABC Allocation - Other Welfare	230313	Non Cash Item	(24)			299,741
08603.905	Housing Costs Allocated	230313					299,741
08630.120	Other income - Other Welfare	230313	Operating Revenue		3,500		303,241
09100.903	ABC Allocation - Staff Housing	230313	Non Cash Item	(46)			303,241
09103.520	Maintenance- 20 Barnes Street	230313	Operating Expenses		10,000		313,241
09117.520	Maintenance- 2 Caulfield Street	230313	Operating Expenses			(20,000)	293,241
09132.150	Income - 17 Solomon Terrace	230313	Capital Revenue		5,000		298,241
09151.520	Purchase Land and Buildings	230313	Capital Expenses			(30,000)	268,241
09199.905	Staff Housing Costs Recovered	230313	Non Cash Item	(10,000)			268,241
09200.903	ABC Allocation - Other Housing	230313	Non Cash Item	(31)			268,241
09204.520	Maintenance Lot 345 Grove Street	230313	Operating Expenses			(3,000)	265,241
09209.520	Maintenance 23 Waddilove street	230313	Operating Expenses			(15,000)	250,241
09222.905	Other Housing Costs Recovered	230313	Non Cash Item	18,000			250,241
09232.150	Income - lot 345 Grove Street	230313	Operating Revenue			(300)	249,941
09251.520	Land and Buildings	230313	Operating Expenses			(50,000)	199,941
10100.903	ABC Allocation - Sanitisation	230313	Non Cash Item	(41)			199,941
10200.903	ABC Allocation - Other Sanitisation	230313	Non Cash Item	(10)			199,941
10300.903	ABC Allocation - Sewerage	230313	Non Cash Item	(12)			199,941
10600.903	ABC Allocation - Town Planning	230313	Non Cash Item	(41)			199,941
10602.520	Other Expenses	230313	Operating Expenses			(10,000)	189,941
10700.903	ABC Allocation - Other Community	230313	Non Cash Item	(13)			189,941
10706.520	Projects - Community Benefit Contribution	230313	Operating Expenses			(80,000)	109,941
10708.520	Hairdressing Salon Expenditure	230313	Operating Expenses			(10,000)	99,941
10715.521	Old Railway Building	230313	Operating Expenses			(6,000)	93,941
10731.156	Niche/ Monument Fees	230313	Operating Revenue			(100)	93,841
10732.156	Reimbursements/ Contributions	230313	Operating Revenue			(1,500)	92,341
10735.156	Community bus Income	230313	Operating Revenue			(2,200)	90,141
10740.125	Grant Income RAC	230313	Operating Revenue		80,000		170,141
10742.124	Grants - LRCIP	230313	Operating Revenue		125,000		295,141
10752.520	Infrastructure Other	230313	Capital Expenses			(125,000)	170,141
11100.903	ABC Allocations - Halls	230313	Non Cash Item	(26)			170,141
11102.903	Maintenance - Morawa Hall & Old shire building	230313	Non Cash Item	(2,882)			170,141
11140.124	Grants - LRCIP	230313	Operating Revenue		125,000		295,141
11151.520	Land and Buildings	230313	Capital Expenses			(125,000)	170,141

**NOTES TO THE STATEMENT OF FINANCIAL ACTIVITY
FOR THE PERIOD ENDED 31 MAY 2023**

**NOTE 17
BUDGET AMENDMENTS**

Amendments to original budget since budget adoption. Surplus/(Deficit)

GL Code	Description	Council Resolution	Classification	Non Cash Adjustment	Increase in Available Cash	Decrease in Available Cash	Amended Budget Running Balance
				\$	\$	\$	\$
11152.521	Solar Initiatives	230313	Capital Expenses		20,000		190,141
11200.903	ABC Allocation - Swimming Pool	230313	Non Cash Item	(37)			190,141
11204.905	Housing Cost Allocations	230313					190,141
11300.903	ABC Allocation - Other Rec and Sport	230313	Non Cash Item	(44)			190,141
11302.900	Maintenance Parks & Reserves	230313	Non Cash Item	(10,000)			190,141
11309.520	Other Expenses	230313	Operating Expenses		30,000		220,141
11315.562	Lease Interest - Gymnasium	230313	Operating Expenses		177		220,318
11332.124	Grant Income LRCIP	230313	Operating Revenue			(422,000)	(201,682)
11350.520	Land and Buildings	230313	Capital Expenses		430,000		228,318
11351.520	Furniture and Equipment	230313	Capital Expenses			(55,000)	173,318
11362.520	Playground Equipment	230313	Capital Expenses			(20,000)	153,318
11365.520	Principal Repayments - Gym Lease	230313	Capital Expenses		14,443		167,761
11500.903	ABC Allocations - Library	230313	Non Cash Item	(15)			167,761
11600.903	ABC Allocation - Other Culture	230313	Non Cash Item	(16)			167,761
11614.520	Australia Day Expenditure	230313	Operating Expenses			(18,000)	149,761
11622.156	Income - Music, Arts and Festivals	230313	Operating Revenue		7,500		157,261
11628.111	Australia Day Income	230313	Operating Revenue		18,000		175,261
12200.903	ABC Allocation - Road Maintenance	230313	Non Cash Item	(47)			175,261
12203.900	Rural Road Maintenance	230313	Non Cash Item	(10,000)			175,261
12300.903	ABC Allocation - Plant	230313	Non Cash Item	(6)			175,261
12350.520	Plant and Equipment	230313	Operating Expenses			(60,000)	115,261
12370.180	Proceeds on asset Disposal	230313	Operating Revenue		10,000		125,261
12371.190	Realisation on asset Disposal	230313	Operating Revenue		(10,000)		115,261
12500.903	ABC Allocation - Licensing	230313	Non Cash Item	(61)			115,261
12600.903	ABC Allocation - Aerodrome	230313	Non Cash Item	(5)			115,261
12630.123	Aerodrome Grant	230313	Operating Revenue			(40,839)	74,422
13100.903	ABC Allocation - Rural Services	230313	Non Cash Item	(8)			74,422
13200.903	ABC Allocation - Tourism	230313	Non Cash Item	(64)			74,422
13241.124	LRCIP Grant Income	230313	Operating Revenue		172,000		246,422
13251.520	Land and Buildings	230313	Capital Expenses			(172,000)	74,422
13300.903	ABC Allocation - Building Control	230313	Non Cash Item	(28)			74,422
13302.520	Other Expenses - Building Control	230313	Operating Expenses			(4,000)	70,422
13330.156	Building Permit Fees	230313	Operating Revenue		2,000		72,422
13600.903	ABC Allocation - Other Economic Services	230313	Non Cash Item	(21)			72,422
13700.903	ABC Allocation Economic Development	230313	Non Cash Item	(95)			72,422
14200.903	ABC Allocation - PWO	230313	Non Cash Item	(182)			72,422
14223.905	Housing Costs Allocated	230313	Non Cash Item	7,000			72,422
14218.521	Engineering Consultancy Costs	230313	Operating Expenses			(20,000)	52,422
14219.900	Overheads Allocated to Public Works	230313	Non Cash Item	13,182			52,422
14610.520	Conference Expense	230313	Operating Expenses			(5,000)	47,422
14612.520	Travel and Accommodation Admin	230313	Operating Expenses			(6,000)	41,422
14613.905	Housing Costs Allocated - Admin	230313					41,422
14639.903	ABC Allocations Across Programs	230313	Non Cash Item	11,000			41,422
14640.121	Income relating to Adminstration	230313	Operating Revenue		15,000		56,422
14657.702	Tranfer interest to Capital works Reserve	230313	Capital Expenses			(446)	55,976
14810.521	Storm Damage Expenses	230313	Operating Expenses			(3,500)	52,476
14832.121	Income DRFAWA Claims	230313	Operating Revenue		20,000		72,476
				0	1,544,039	(1,471,563)	72,476

Shire of Morawa

SCHEDULE 02 - GENERAL FUND SUMMARY Financial Statement for Period Ended 31 May 2023

			2022-23 Adopted Budget		2022-23 Amended Budget		2022-23 YTD Budget		2022-23 YTD Actuals	
			Income	Expense	Income	Expense	Income	Expense	Income	Expense
			\$	\$	\$	\$	\$	\$	\$	\$
OPERATING										
General Purpose Funding	03		3,905,116	283,311	3,905,116	283,515	3,900,521	259,682	3,242,691	247,413
Governance	04		25	527,195	725	527,383	638	440,922	1,815	349,766
Law, Order, Public Safety	05		176,435	260,489	229,013	263,504	211,861	239,470	142,090	193,985
Health	07		7,050	195,834	7,050	237,051	5,550	185,097	9,891	192,958
Education & Welfare	08		7,000	195,625	16,500	201,652	15,777	181,823	15,681	96,886
Housing	09		100,800	219,445	111,500	239,522	101,733	223,381	89,165	215,474
Community Amenities	10		669,595	775,914	870,795	882,031	856,665	778,864	540,131	510,267
Recreation & Culture	11		708,200	1,564,330	452,700	1,576,173	448,227	1,434,127	168,690	1,365,958
Transport	12		1,986,074	2,322,932	1,975,235	2,333,051	1,874,508	2,095,454	1,492,725	2,233,633
Economic Services	13		239,572	801,809	413,572	806,025	393,330	752,618	230,975	542,734
Other Property & Services	14		219,300	102,215	254,300	105,715	165,764	106,040	202,090	417,661
TOTAL - OPERATING			8,019,167	7,249,099	8,236,506	7,455,622	7,974,574	6,697,478	6,135,945	6,366,735
CAPITAL										
General Purpose Funding	03		0	10,107	0	10,107	0	0	0	10,361
Governance	04		0	0	0	0	0	0	0	0
Law, Order, Public Safety	05		0	0	0	74,328	0	68,134	0	61,358
Health	07		0	446	0	0	0	0	0	7,880
Education & Welfare	08		0	0	0	0	0	0	0	0
Housing	09		0	95,852	0	175,852	0	151,305	0	214,471
Community Amenities	10		0	347,186	0	472,186	0	325,764	0	255,272
Recreation & Culture	11		101,640	1,023,064	101,640	758,621	0	619,559	50,000	174,564
Transport	12		300,000	3,279,290	300,000	3,384,290	0	2,830,211	300,000	2,330,809
Economic Services	13		40,000	153,719	40,000	325,719	0	239,600	0	171,068
Other Property & Services	14		0	107,414	0	107,860	0	1,590	0	8,779
TOTAL - CAPITAL			441,640	5,017,078	441,640	5,308,963	0	4,236,163	350,000	3,234,563
			8,460,807	12,266,177	8,678,146	12,764,585	7,974,574	10,933,641	6,485,945	9,601,298
Less Depreciation Written Back				(1,582,699)		(1,582,699)		(1,450,713)		(1,666,030)
Less Profit/Loss Written Back			(30,126)	(42,671)	(30,126)	(42,671)	0	0	(33,435)	0
Less Movement in Leave Reserve - REC INT	72101			(5,948)		(5,948)		0		(3,251)
Plus Proceeds from Sale of Assets			178,200		178,200		172,513		192,200	
TOTAL REVENUE & EXPENDITURE			8,608,881	10,634,859	8,826,220	11,133,267	8,147,087	9,482,928	6,644,710	7,932,017
Surplus/Deficit July 1st B/Fwd			2,025,977		2,379,523		2,379,523		2,379,523	
			10,634,858	10,634,859	11,205,743	11,133,267	10,526,610	9,482,928	9,024,233	7,932,017
Surplus/Deficit C/Fwd				(2)		72,476		1,043,682		1,092,217
			10,634,858	10,634,858	11,205,743	11,205,743	10,526,610	10,526,610	9,024,233	9,024,233

Shire of Morawa
SCHEDULE 03 - GENERAL PURPOSE FUNDING
Financial Statement for Period Ended
31 May 2023

PROGRAMME SUMMARY	2022-23 Adopted Budget		2022-23 Amended Budget		2022-23 YTD Budget		2022-23 YTD Actuals	
	Income	Expense	Income	Expense	Income	Expense	Income	Expense
	\$	\$	\$	\$	\$	\$	\$	\$
<u>OPERATING EXPENDITURE</u>								
Rates		221,198		221,354		202,713		200,565
Other General Purpose Funding		62,113		62,161		56,969		46,849
<u>OPERATING REVENUE</u>								
Rates	2,602,796		2,602,796		2,600,836		2,631,828	
Other General Purpose Funding	1,302,320		1,302,320		1,299,685		610,863	
SUB-TOTAL	3,905,116	283,311	3,905,116	283,515	3,900,521	259,682	3,242,691	247,413
<u>CAPITAL EXPENDITURE</u>								
Rates		0		0		0		0
Other General Purpose Funding		10,107		10,107		0		10,361
<u>CAPITAL REVENUE</u>								
Rates	0		0		0		0	
Other General Purpose Funding	0		0		0		0	
SUB-TOTAL	0	10,107	0	10,107	0	0	0	10,361
TOTAL -	3,905,116	293,418	3,905,116	293,622	3,900,521	259,682	3,242,691	257,774

Shire of Morawa
SCHEDULE 04 - GOVERNANCE
Financial Statement for Period Ended
31 May 2023

PROGRAMME SUMMARY	2022-23 Adopted Budget		2022-23 Amended Budget		2022-23 YTD Budget		2022-23 YTD Actuals	
	Income	Expense	Income	Expense	Income	Expense	Income	Expense
	\$	\$	\$	\$	\$	\$	\$	\$
<u>OPERATING EXPENDITURE</u>								
Members of Council		423,495		423,683		371,882		321,827
Governance General		103,700		103,700		69,040		27,938
<u>OPERATING REVENUE</u>								
Members of Council	25		25		0		900	
Governance General	0		700		638		915	
SUB-TOTAL	25	527,195	725	527,383	638	440,922	1,815	349,766
<u>CAPITAL EXPENDITURE</u>								
Members of Council		0		0		0		0
Governance General		0		0		0		0
<u>CAPITAL REVENUE</u>								
Members of Council	0		0		0		0	
Governance General	0		0		0		0	
SUB-TOTAL	0	0	0	0	0	0	0	0
TOTAL - PROGRAMME SUMMARY	25	527,195	725	527,383	638	440,922	1,815	349,766

Shire of Morawa
SCHEDULE 05 - LAW, ORDER & PUBLIC SAFETY
Financial Statement for Period Ended
31 May 2023

PROGRAMME SUMMARY	2022-23 Adopted Budget		2022-23 Amended Budget		2022-23 YTD Budget		2022-23 YTD Actuals	
	Income	Expense	Income	Expense	Income	Expense	Income	Expense
	\$	\$	\$	\$	\$	\$	\$	\$
<u>OPERATING EXPENDITURE</u>								
Fire Prevention		218,628		218,634		198,702		162,696
Animal Control		40,856		40,864		37,433		27,524
Other Law, Order & Public Safety		1,005		4,006		3,335		3,765
<u>OPERATING REVENUE</u>								
Fire Prevention	173,785		227,513		210,549		141,280	
Animal Control	2,650		1,500		1,312		810	
Other Law, Order & Public Safety	0		0		0		0	
SUB-TOTAL	176,435	260,489	229,013	263,504	211,861	239,470	142,090	193,985
<u>CAPITAL EXPENDITURE</u>								
Fire Prevention		0		74,328		68,134		61,358
Animal Control		0		0		0		0
Other Law, Order & Public Safety		0		0		0		0
<u>CAPITAL REVENUE</u>								
Fire Prevention	0		0		0		0	
Animal Control	0		0		0		0	
Other Law, Order & Public Safety	0		0		0		0	
SUB-TOTAL	0	0	0	74,328	0	68,134	0	61,358
TOTAL - PROGRAMME SUMMARY	176,435	260,489	229,013	337,832	211,861	307,604	142,090	255,343

Shire of Morawa
SCHEDULE 07 - HEALTH
Financial Statement for Period Ended
31 May 2023

PROGRAMME SUMMARY								
	2022-23 Adopted Budget		2022-23 Amended Budget		2022-23 YTD Budget		2022-23 YTD Actuals	
	Income	Expense	Income	Expense	Income	Expense	Income	Expense
	\$	\$	\$	\$	\$	\$	\$	\$
<u>OPERATING EXPENDITURE</u>								
Preventative Services - Meat Inspection		350		350		319		0
Preventative Services - Inspections & Admin		52,251		52,256		47,399		12,182
Preventative Services - Pest Control		6,104		6,106		5,274		5,474
Other Health		137,129		178,339		132,105		175,303
<u>OPERATING REVENUE</u>								
Preventative Services - Meat Inspection	350		350		350		0	
Preventative Services - Inspections & Admin	700		700		700		671	
Preventative Services - Pest Control	0		0		0		0	
Other Health	6,000		6,000		4,500		9,220	
SUB-TOTAL	7,050	195,834	7,050	237,051	5,550	185,097	9,891	192,958
<u>CAPITAL EXPENDITURE</u>								
Preventative Services - Meat Inspection		0		0		0		0
Preventative Services - Inspections & Admin		0		0		0		0
Preventative Services - Pest Control		0		0		0		0
Other Health		446		0		0		7,880
<u>CAPITAL REVENUE</u>								
Preventative Services - Meat Inspection	0		0		0		0	
Preventative Services - Inspections & Admin	0		0		0		0	
Preventative Services - Pest Control	0		0		0		0	
Other Health	0		0		0		0	
SUB-TOTAL	0	446	0	0	0	0	0	7,880
TOTAL - PROGRAMME SUMMARY	7,050	196,280	7,050	237,051	5,550	185,097	9,891	200,838

Shire of Morawa
SCHEDULE 08 - EDUCATION & WELFARE
Financial Statement for Period Ended
31 May 2023

PROGRAMME SUMMARY	2022-23 Adopted Budget		2022-23 Amended Budget		2022-23 YTD Budget		2022-23 YTD Actuals	
	Income	Expense	Income	Expense	Income	Expense	Income	Expense
	\$	\$	\$	\$	\$	\$	\$	\$
<u>OPERATING EXPENDITURE</u>								
Other Education		6,976		6,979		2,868		6,031
Care of Families & Children		13,726		13,726		12,529		11,390
Other Welfare		174,923		180,947		166,426		79,465
<u>OPERATING REVENUE</u>								
Other Education	0		0		0		0	
Care of Families & Children	3,500		3,500		3,201		2,767	
Other Welfare	3,500		13,000		12,576		12,914	
SUB-TOTAL	7,000	195,625	16,500	201,652	15,777	181,823	15,681	96,886
<u>CAPITAL EXPENDITURE</u>								
Other Education		0		0		0		0
Care of Families & Children		0		0		0		0
Other Welfare		0		0		0		0
<u>CAPITAL REVENUE</u>								
Other Education	0		0		0		0	
Care of Families & Children	0		0		0		0	
Other Welfare	0		0		0		0	
SUB-TOTAL	0	0	0	0	0	0	0	0
TOTAL - PROGRAMME SUMMARY	7,000	195,625	16,500	201,652	15,777	181,823	15,681	96,886

Shire of Morawa
SCHEDULE 09 - HOUSING
Financial Statement for Period Ended
31 May 2023

PROGRAMME SUMMARY	2022-23 Adopted Budget		2022-23 Amended Budget		2022-23 YTD Budget		2022-23 YTD Actuals	
	Income	Expense	Income	Expense	Income	Expense	Income	Expense
	\$	\$	\$	\$	\$	\$	\$	\$
<u>OPERATING EXPENDITURE</u>								
Staff Housing		89,051		109,097		100,613		99,287
Other Housing		84,102		84,133		80,412		67,824
Aged Housing		46,292		46,292		42,356		48,363
<u>OPERATING REVENUE</u>								
Staff Housing	10,500		21,500		19,701		19,956	
Other Housing	22,300		22,000		19,739		14,563	
Aged Housing	68,000		68,000		62,293		54,646	
SUB-TOTAL	100,800	219,445	111,500	239,522	101,733	223,381	89,165	215,474
<u>CAPITAL EXPENDITURE</u>								
Staff Housing		85,186		115,186		105,490		162,627
Other Housing		0		50,000		45,815		37,359
Aged Housing		10,666		10,666		0		14,485
<u>CAPITAL REVENUE</u>								
Staff Housing	0		0		0		0	
Other Housing	0		0		0		0	
Aged Housing	0		0		0		0	
SUB-TOTAL	0	95,852	0	175,852	0	151,305	0	214,471
TOTAL - PROGRAMME SUMMARY	100,800	315,297	111,500	415,374	101,733	374,686	89,165	429,945

Shire of Morawa
SCHEDULE 10 - COMMUNITY AMENITIES
Financial Statement for Period Ended
31 May 2023

PROGRAMME SUMMARY	2022-23 Adopted Budget		2022-23 Amended Budget		2022-23 YTD Budget		2022-23 YTD Actuals	
	Income	Expense	Income	Expense	Income	Expense	Income	Expense
	\$	\$	\$	\$	\$	\$	\$	\$
<u>OPERATING EXPENDITURE</u>								
Sanitation - Household Refuse		232,324		232,365		212,938		195,098
Sanitation - Other		168,176		168,186		126,197		56,417
Sewerage		133,950		133,962		123,608		96,584
Urban Stormwater Drainage		9,500		9,500		7,133		0
Town Planning & Regional Development		66,003		76,044		69,696		53,996
Other Community Amenities		165,961		261,974		239,292		108,173
<u>OPERATING REVENUE</u>								
Sanitation - Household Refuse	111,903		111,903		111,767		110,057	
Sanitation - Other	73,288		73,288		73,287		72,108	
Sewerage	277,248		277,248		277,248		276,941	
Urban Stormwater Drainage	0		0		0		0	
Town Planning & Regional Development	4,000		4,000		3,663		3,151	
Other Community Amenities	203,156		404,356		390,700		77,875	
SUB-TOTAL	669,595	775,914	870,795	882,031	856,665	778,864	540,131	510,267
<u>CAPITAL EXPENDITURE</u>								
Sanitation - Household Refuse		50,207		50,207		0		51,379
Sanitation - Other		0		0		0		0
Sewerage		121,125		121,125		50,005		70,641
Urban Stormwater Drainage		0		0		0		0
Other Community Amenities		175,854		300,854		275,759		133,252
<u>CAPITAL REVENUE</u>								
SUB-TOTAL	0	347,186	0	472,186	0	325,764	0	255,272
TOTAL - PROGRAMME SUMMARY	669,595	1,123,100	870,795	1,354,217	856,665	1,104,628	540,131	765,539

Shire of Morawa
SCHEDULE 11 - RECREATION & CULTURE
Financial Statement for Period Ended
31 May 2023

PROGRAMME SUMMARY	2022-23 Adopted Budget		2022-23 Amended Budget		2022-23 YTD Budget		2022-23 YTD Actuals	
	Income	Expense	Income	Expense	Income	Expense	Income	Expense
	\$	\$	\$	\$	\$	\$	\$	\$
<u>OPERATING EXPENDITURE</u>								
Public Halls and Civic Centres		165,841		168,749		154,720		173,235
Swimming Areas & Beaches		338,998		339,035		314,150		276,123
Other Recreation and Sport		883,423		863,290		793,801		745,407
TV and Radio Re-broadcasting		2,000		2,000		1,826		1,129
Libraries		23,288		23,303		21,340		17,614
Other Culture		150,780		179,796		148,290		152,451
<u>OPERATING REVENUE</u>								
Public Halls and Civic Centres	201,500		326,500		326,375		28,411	
Swimming Areas & Beaches	18,000		18,000		18,000		16,699	
Other Recreation and Sport	447,500		25,500		23,353		46,513	
TV and Radio Re-broadcasting	0		0		0		0	
Libraries	200		200		0		0	
Other Culture	41,000		82,500		80,499		77,067	
SUB-TOTAL	708,200	1,564,330	452,700	1,576,173	448,227	1,434,127	168,690	1,365,958
<u>CAPITAL EXPENDITURE</u>								
Public Halls and Civic Centres		220,000		325,000		297,902		18,130
Swimming Areas & Beaches		20,333		20,333		0		21,391
Other Recreation and Sport		762,731		393,288		321,657		123,244
TV and Radio Re-broadcasting		0		0		0		0
Libraries		0		0		0		0
Other Culture		20,000		20,000		0		11,800
<u>CAPITAL REVENUE</u>								
Public Halls and Civic Centres	0		0		0		0	
Swimming Areas & Beaches	0		0		0		0	
Other Recreation and Sport	101,640		101,640		0		50,000	
TV and Radio Re-broadcasting	0		0		0		0	
Libraries	0		0		0		0	
Other Culture	0		0		0		0	
SUB-TOTAL	101,640	1,023,064	101,640	758,621	0	619,559	50,000	174,564
TOTAL - PROGRAMME SUMMARY	809,840	2,587,394	554,340	2,334,794	448,227	2,053,686	218,690	1,540,522

Shire of Morawa
SCHEDULE 12 - TRANSPORT
Financial Statement for Period Ended
31 May 2023

PROGRAMME SUMMARY	2022-23 Adopted Budget		2022-23 Amended		2022-23 YTD Budget		2022-23 YTD Actuals	
	Income	Expense	Income	Expense	Income	Expense	Income	Expense
	\$	\$	\$	\$	\$	\$	\$	\$
OPERATING EXPENDITURE								
Construction Roads, Bridges and Depots		0		0		0		0
Maintenance Roads, Bridges and Depots		1,818,116		1,828,163		1,671,272		1,798,611
Plant Purchases		60,483		60,489		16,324		6,124
Transport Licensing		360,726		360,787		330,878		350,904
Aerodromes		83,607		83,612		76,980		77,993
OPERATING REVENUE								
Construction Roads, Bridges and Depots	1,163,231		1,193,231		1,193,230		842,351	
Maintenance Roads, Bridges and Depots	316,000		316,000		274,750		284,974	
Plant Purchases	30,126		30,126		0		33,435	
Transport Licensing	354,200		354,200		324,850		302,265	
Aerodromes	122,517		81,678		81,678		29,701	
SUB-TOTAL	1,986,074	2,322,932	1,975,235	2,333,051	1,874,508	2,095,454	1,492,725	2,233,633
CAPITAL EXPENDITURE								
Construction Roads, Bridges and Depots		1,819,333		1,864,333		1,788,750		1,481,139
Maintenance Roads, Bridges and Depots		90,000		90,000		10,000		0
Plant Purchases		1,206,601		1,266,601		884,455		849,482
Aerodromes		163,356		163,356		147,006		189
CAPITAL REVENUE								
Construction Roads, Bridges and Depots	0		0		0		0	
Maintenance Roads, Bridges and Depots	0		0		0		0	
Plant Purchases	300,000		300,000		0		420,000	
Aerodromes	0		0		0		0	
SUB-TOTAL	300,000	3,279,290	300,000	3,384,290	0	2,830,211	420,000	2,330,809
TOTAL - PROGRAMME SUMMARY	2,286,074	5,602,222	2,275,235	5,717,341	1,874,508	4,925,665	1,912,725	4,564,442

Shire of Morawa
SCHEDULE 13 - ECONOMIC SERVICES
Financial Statement for Period Ended
31 May 2023

PROGRAMME SUMMARY	2022-23 Adopted Budget		2022-23 Amended Budget		2022-23 YTD Budget		2022-23 YTD Actuals	
	Income	Expense	Income	Expense	Income	Expense	Income	Expense
	\$	\$	\$	\$	\$	\$	\$	\$
<u>OPERATING EXPENDITURE</u>								
Rural Services		35,983		35,991		32,934		12,158
Tourism & Area Promotion		367,839		367,903		343,677		229,924
Building Control		39,942		43,970		43,970		40,890
Other Economic Services		63,528		63,549		58,234		55,513
Economic Development		294,517		294,612		273,803		204,249
<u>OPERATING REVENUE</u>								
Rural Services	0		0		0		0	
Tourism & Area Promotion	187,000		359,000		343,368		181,252	
Building Control	6,500		8,500		7,777		8,999	
Other Economic Services	25,000		25,000		22,913		23,475	
Economic Development	21,072		21,072		19,272		17,248	
SUB-TOTAL	239,572	801,809	413,572	806,025	393,330	752,618	230,975	542,734
<u>CAPITAL EXPENDITURE</u>								
Rural Services		0		0		0		0
Tourism & Area Promotion		60,000		232,000		167,600		62,943
Building Control		0		0		0		0
Other Economic Services		80,000		80,000		72,000		77,478
Economic Development		13,719		13,719		0		30,648
<u>CAPITAL REVENUE</u>								
Rural Services	0		0		0		0	
Tourism & Area Promotion	0		0		0		0	
Building Control	0		0		0		0	
Other Economic Services	0		0		0		0	
Economic Development	40,000		40,000		0		0	
SUB-TOTAL	40,000	153,719	40,000	325,719	0	239,600	0	171,068
TOTAL - PROGRAMME SUMMARY	279,572	955,528	453,572	1,131,744	393,330	992,218	230,975	713,802

Shire of Morawa
SCHEDULE 14 - OTHER PROPERTY & SERVICES
Financial Statement for Period Ended
31 May 2023

PROGRAMME SUMMARY	2022-23 Adopted Budget		2022-23 Amended Budget		2022-23 YTD Budget		2022-23 YTD Actuals	
	Income	Expense	Income	Expense	Income	Expense	Income	Expense
	\$	\$	\$	\$	\$	\$	\$	\$
<u>OPERATING EXPENDITURE</u>								
Private Works		27,215		27,215		24,926		19,293
Public Works Overheads		0		0		(506)		217,928
Plant Operation Costs		0		0		3,639		199,387
Stock, Fuels and Oils		0		0		0		(34,606)
Administration		0		0		(123)		0
Unclassified		75,000		78,500		78,104		15,660
<u>OPERATING REVENUE</u>								
Private Works	40,000		40,000		36,663		23,221	
Public Works Overheads	1,000		1,000		1,000		0	
Plant Operation Costs	42,000		42,000		31,500		32,428	
Stock, Fuels and Oils	300		300		275		1,109	
Administration	10,000		25,000		22,913		39,748	
Unclassified	126,000		146,000		73,413		105,584	
SUB-TOTAL	219,300	102,215	254,300	105,715	165,764	106,040	202,090	417,661
<u>CAPITAL EXPENDITURE</u>								
Administration		107,414		107,860		1,590		8,779
<u>CAPITAL REVENUE</u>								
Administration	0		0		0		0	
SUB-TOTAL	0	107,414	0	107,860	0	1,590	0	8,779
TOTAL - PROGRAMME SUMMARY	219,300	209,629	254,300	213,575	165,764	107,630	202,090	426,440

Shire of Morawa
Bank Reconciliation Report
For Period Ending 31 May 2023

	Municipal Account	Municipal Online Saver	Trust Account	Reserve Account	Term Deposits - Reserves
Balance as per Bank Statement	772,141.75	541,110.73	8,474.23	3,930,935.34	2,100,000.00
Balance as per General Ledger	787,465.56	541,110.73	8,773.40	3,930,935.34	2,100,000.00
Unpresented Payments					
Outstanding Payments	-3,288.68				
Trust receipts Deposited to Muni	237.52				
Unpresented Payments	-521.89				
Transfer BCITF to Trust	-299.17				
Outstanding Deposits					
Bank Deposits made	19,196.03				
Transfer BCITF from Municipal			\$299.17		
Difference	787,465.56 0.00	541,110.73 0.00	8,773.40 0.00	3,930,935.34 0.00	2,100,000.00 0.00

Shire of Morawa

List of Payments Report

For Period Ending 31 May 2023

Chq/EFT	Date	Name	Description	Amount	Bank
EFT16653	12/05/2023	Rip-It Security Shredding (Primecode Pty Ltd)	Records Archiving And Storage Monthly Fee 22/23	104.50	1
EFT16654	12/05/2023	Perth Better Homes	Repair Damaged Canopy - Swimming Pool	440.00	1
EFT16655	12/05/2023	Helen Pearl Cekanauskas	Rates Refund For Morawa Property In Excess	1,006.00	1
EFT16656	12/05/2023	Australian Services Union	Payroll Deductions	77.70	1
EFT16657	12/05/2023	Morawa Drapery Store	Employee Protective Clothing	259.85	1
EFT16658	12/05/2023	Nutrien Ag Solutions	Gas Bottle 45L For Doctors Residence	174.91	1
EFT16659	12/05/2023	Landgate	Minimum Charge - Valuation Services	71.80	1
EFT16660	12/05/2023	Refuel Australia	Supply Adblue For Prime Mover	103.35	1
EFT16661	12/05/2023	GH Country Courier	Monthly Freight Cost - April	313.63	1
EFT16662	12/05/2023	Cramer & Neill	Service Air Conditioning-Oval Function Room & Change Rooms	2,552.78	1
EFT16663	12/05/2023	Greenfield Technical Services	Racas Pickup Whole Shire Road Network, Setup And Defect Log	42,735.00	1
EFT16664	12/05/2023	Bunnings Group Limited	Sink Mixer Tap For Shire House And Hydrochloric Acid (Pool)	115.63	1
EFT16665	12/05/2023	McLeods Barristers and Solicitors	Legal Costs Associated With Rates Recovery And Land Transfer	2,279.21	1
EFT16666	12/05/2023	Aerodrome Management Services Pty Ltd	Reinstate Parking Clearance Line at Aerodrome.	660.00	1
EFT16667	12/05/2023	Reece Pty Ltd	PVC Pipe and Fittings for Cemetery Project	1,510.87	1
EFT16668	12/05/2023	Porter Consulting Engineers	Contract Administration And Site Surveillance - Cemetery Project	5,500.00	1
EFT16669	12/05/2023	Herrings Coastal Plumbing & Gas	Replace Hot Water System & Inspect Leaking Toilet at Shire Properties	3,195.57	1
EFT16670	12/05/2023	IGA Morawa	Consummables Purchase	788.49	1
EFT16671	12/05/2023	Officeworks	Office Chair - Professional Ergonomic	438.95	1
EFT16672	12/05/2023	Department of Human Services	Payroll Deductions	426.21	1
EFT16673	12/05/2023	Great Southern Fuel Supplies	Fuel Purchase Through Fuel Cards	509.23	1
EFT16674	12/05/2023	Infinitum Technologies Pty Ltd	Annual Fee For A Cloud Based Phone Service	110.00	1
EFT16675	12/05/2023	Breeze Connect Pty Ltd	Admin Office Voip Telephone Lines Monthly	232.00	1
EFT16676	12/05/2023	Core Business Australia PTY Ltd	DRFAWA Supervision Cllaim February And March	8,497.50	1
EFT16677	12/05/2023	AFGRI Equipment	Purchase Of New John Deere 670Gp Grader	363,000.00	1
EFT16678	12/05/2023	Resonline Pty Ltd	Monthly Subscription To Room Manager Booking Software	134.31	1

Shire of Morawa List of Payments Report

For Period Ending 31 May 2023

Chq/EFT	Date	Name	Description	Amount	Bank
EFT16679	12/05/2023	Infinity Skate	Morawa Youth Centre Holiday Programme- Skateboarding Clinic	700.00	1
EFT16680	12/05/2023	Media Engine	Design: Corporate Plan Layout Template - Convert To Editable Word	6,050.00	1
EFT16681	12/05/2023	Industrial Automation Industrial Automation	Standpipe Controller With Solar System, Payment 2/2	43,437.90	1
EFT16682	12/05/2023	LG Best Practices Pty Ltd	Assistance With Rates: Deferred, Modelling, Pensioner Rebates	1,031.25	1
EFT16683	12/05/2023	BP Medical Supplies	Vitalograph Alpha Spirometer For Doctors Surgery	4,284.50	1
EFT16684	12/05/2023	Brooks Hire	Hire Of Excavator - March And April 2023	11,655.67	1
EFT16685	12/05/2023	Caitlin Tonkin	Reimbursement For Fuel And Staff Farewell Items	75.07	1
EFT16686	12/05/2023	Winc	Photocopier Usage Charges	262.18	1
EFT16687	25/05/2023	Winchester Industries	Washed Aggregate Delivered Various Sites	118,293.73	1
EFT16688	26/05/2023	Australian Services Union	Payroll Deductions	77.70	1
EFT16689	26/05/2023	Morawa Medical Centre	Pre-Employment Medical	302.50	1
EFT16690	26/05/2023	Kats Rural	Various Parts And Items For Maintenance Of Shire Facilities	7,270.18	1
EFT16691	26/05/2023	TP & MB Shields	To Drill Footing For Shade Structure 4.5Hr	544.50	1
EFT16692	26/05/2023	Canine Control	Ranger Services	985.49	1
EFT16693	26/05/2023	Bunnings Group Limited	Kaboodle 2400 X600X38 Laminated Branch Top For Shire Property	1,267.52	1
EFT16694	26/05/2023	McLeods Barristers and Solicitors	Legal Fees - Rates	1,983.79	1
EFT16696	26/05/2023	Wallis Computer Solutions	Support Services For Dr'S Surgery	436.44	1
EFT16697	26/05/2023	Porter Consulting Engineers	Detailed Design And Documentation - Morawa Cemetery Carpark	1,925.00	1
EFT16698	26/05/2023	Herrings Coastal Plumbing & Gas	Replace Gas Regulator On BBQ, Check Hot water System - Shire	1,607.12	1
EFT16699	26/05/2023	Department of Human Services	Payroll Deductions	426.21	1
EFT16700	26/05/2023	Avon Waste	Waste Services Monthly Charge	6,593.76	1
EFT16701	26/05/2023	Boomerang	Wildflower Park - Deposit for Basketball Hoop & Line Marking	5,325.00	1
EFT16702	26/05/2023	Bob Waddell Consultant	Assistance With Monthly Financial Statements 2022 - 2023	1,320.00	1
EFT16703	26/05/2023	NodeOne	Nodeone Fixed Wireless N1 - Gymnasium Internet	119.00	1
EFT16704	26/05/2023	Resonline Pty Ltd	Monthly Subscription To Room Manager Booking Software	268.62	1
EFT16705	26/05/2023	G W Mechanical (Glen Wallace)	32748 Klm Service And Fit 2 Tyres On Shire Vehicle	1,889.35	1
EFT16706	26/05/2023	Paul Devcic	Staff Reimbursement	81.20	1
EFT16707	26/05/2023	LG Best Practices Pty Ltd	Training For Finance Officer - Rates End Of Year Processes	1,980.00	1
EFT16708	26/05/2023	Purcher International WA	U Joint Kit -1000 Srs Steering - for Iveco Truck	73.16	1
EFT16709	26/05/2023	Cloud Collections Pty Ltd	Payment For Online Debt Collection Services - Rates	1,301.21	1

Shire of Morawa
List of Payments Report
For Period Ending 31 May 2023

Chq/EFT	Date	Name	Description	Amount	Bank
EFT16710	26/05/2023	Port Denison Plumbing	Repair Sewerage Line On Tubby Street	6,560.80	1
EFT16711	26/05/2023	Cobra Investments WA Pty Ltd T/As Statewide	Restump Of The Old Morawa Jail And The Morawa Historical Society	12,980.00	1
EFT16712	26/05/2023	Shay Lugassy	Gymnasium Bond Reimbursement	30.00	1
EFT16713	26/05/2023	Patience Sandland Pty Ltd	White Sand -100T For Shire Playgrounds	11,618.00	1
EFT16714	29/05/2023	WesTrac Equipment Pty Ltd	Yearly Vision Link Subscription - For Grader	198.00	1
EFT16715	29/05/2023	Landgate	Valuation Updated - Rural UV General Rates	4,891.25	1
EFT16716	29/05/2023	City of Greater Geraldton	Building Certification Service	1,862.43	1
EFT16717	29/05/2023	Canine Control	Ranger Services	985.49	1
EFT16718	29/05/2023	Cramer & Neill	Replacement Of A/C Unit In The Shoebox asnd Repair to A/C at Oval House	8,571.29	1
EFT16719	29/05/2023	Total Toilets	Total Toilets Trailer Hire	935.00	1
EFT16720	29/05/2023	Officeworks	Paint And Sip Workshop Materials Invoice No 607335111	1,889.35	1
EFT16721	29/05/2023	RJ & LJ King	Repair Tyre On Grader	330.00	1
EFT16722	29/05/2023	Infinitum Technologies Pty Ltd	Monthly It Support	5,381.38	1
EFT16723	29/05/2023	Premium Publishers	Shire Editorial In Australia'S Golden Outback 2023 Planner	2,024.00	1
EFT16724	29/05/2023	West Coast FM Group	Streetbond Artwork onto Path - Jubilee Park	13,823.04	1

Total Eft Payments 728,885.57

12049	10/05/2023	Water Corporation	Water Usage Charges for Standpies and Shire Properties	39,327.11	1
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Total Cheque Payments 39,327.11

Shire of Morawa List of Payments Report

For Period Ending 31 May 2023

Chq/EFT	Date	Name	Description	Amount	Bank
DD9311.1	10/05/2023	Aware Super	Payroll deductions	5,443.97	1
DD9311.2	10/05/2023	HESTA	Superannuation contributions	251.29	1
DD9311.3	10/05/2023	Maritime Super	Superannuation contributions	302.23	1
DD9311.4	10/05/2023	Australian Retirement Trust	Payroll deductions	411.30	1
DD9311.5	10/05/2023	mobiSuper	Superannuation contributions	287.11	1
DD9311.6	10/05/2023	Australian Super	Superannuation contributions	1,444.38	1
DD9311.7	10/05/2023	Hawkins Super	Superannuation contributions	831.84	1
DD9311.8	10/05/2023	BT FINANCIAL GROUP	Superannuation contributions	365.58	1
DD9311.9	10/05/2023	MLC Super Fund	Superannuation contributions	485.78	1
DD9321.1	24/05/2023	Aware Super	Payroll deductions	5,556.03	1
DD9321.2	24/05/2023	HESTA	Superannuation contributions	251.29	1
DD9321.3	24/05/2023	Maritime Super	Superannuation contributions	302.23	1
DD9321.4	24/05/2023	Australian Retirement Trust	Payroll deductions	411.30	1
DD9321.5	24/05/2023	mobiSuper	Superannuation contributions	258.06	1
DD9321.6	24/05/2023	Australian Super	Superannuation contributions	1,423.75	1
DD9321.7	24/05/2023	Hawkins Super	Superannuation contributions	1,357.03	1
DD9321.8	24/05/2023	Mercer Superannuation LTD	Superannuation contributions	277.71	1
DD9321.9	24/05/2023	MLC Super Fund	Superannuation contributions	485.78	1
DD9333.1	05/05/2023	Telstra Corporation Limited	Telephone expenses - Tourist Bureau	50.00	1
DD9333.2	17/05/2023	Telstra Corporation Limited	Telephone expenses - Mobile Phone Expenses	1,053.23	1
DD9333.4	24/05/2023	Telstra Corporation Limited	Dr's Surgery Landline Expense	516.59	1
DD9334.1	11/05/2023	Synergy	Electricity expenses Pool	3,634.82	1
DD9334.2	22/05/2023	Synergy	Electricity expense Rec Centre	4,774.57	1

Shire of Morawa List of Payments Report

For Period Ending 31 May 2023

Chq/EFT	Date	Name	Description	Amount	Bank
DD9334.3	09/05/2023	Synergy	Electricity expenses Town Hall	423.37	1
DD9334.4	23/05/2023	Synergy	Electricity expenses Street Lighting	4,066.70	1
DD9334.5	18/05/2023	Synergy	Electricity expenses Residence	9,347.43	1
DD9334.6	17/05/2023	Synergy	Electricity expenses B Unit 5	1,774.37	1
DD9334.7	16/05/2023	Synergy	Electricity expenses Brigades	235.18	1
DD9334.8	19/05/2023	Synergy	Electricity expenses Aged Unit	2,873.39	1
DD9334.9	25/05/2023	Synergy	Electricity expenses Museum	124.50	1
DD9340.1	01/05/2023	Exetel Pty Ltd	Monthly Internet service Shire admin	975.00	1
DD9341.1	01/05/2023	Westnet Pty Ltd	Monthly Internet Tourist Centre	29.95	1
DD9342.1	15/05/2023	Fleet Partners Pty Limited	Monthly Lease on Bush Fire Planning Officer	1,089.00	1
DD9311.10	10/05/2023	CBUS	Superannuation contributions	208.25	1
DD9311.11	10/05/2023	MLC Super Fund	Superannuation contributions	262.30	1
DD9311.12	10/05/2023	HOSTPLUS Superannuation Fund	Superannuation contributions	285.68	1
DD9321.10	24/05/2023	CBUS	Superannuation contributions	208.25	1
DD9321.11	24/05/2023	MLC Super Fund	Superannuation contributions	262.30	1
DD9321.12	24/05/2023	HOSTPLUS Superannuation Fund	Superannuation contributions	285.68	1
DD9334.10	15/05/2023	Synergy	Electricity expenses Aged Unit	295.67	1
DD9334.11	29/05/2023	Synergy	Electricity expense Brigade	452.94	1
DD9334.12	24/05/2023	Synergy	Electricity expense Gutha Hall	135.45	1
DD9334.13	30/05/2023	Synergy	Electricity expenses Sewerage	307.43	1
2223-11.14	31/05/2023	Department of Transport	Being Payment Of Licensing Collection	32,395.15	1

Total Direct Debit Payments 86,213.86

2223-11.08	01/05/2023	Bank West	Bank Charges	61.00	1
2223-11.07	05/05/2023	Bank West	Merchant Fees	315.59	1
2223-11.05	25/05/2023	Australian Taxation Office	Ato Fringe Benefits Tax Payment 22/23	7,019.97	1
	11/05/2023	Payroll	Payroll For Pay Cycle - Week46	69,185.32	1
	25/05/2023	Payroll	Payroll For Pay Cycle - Week48	63,891.53	1

Total Bank Transfers/ Payments 140,473.41

Shire of Morawa List of Payments Report

For Period Ending 31 May 2023

Chq/EFT	Date	Name	Description	Amount	Bank
2223-11.01	05/05/2023	Bank West	Corporate Card Purchases Paid In April 2023	3,460.05	1
		EMCCS - Corporate Credit Card			
	8/04/2023	the Good Guys	Kettle For Council Kitchen	79.00	
	11/04/2023	Ink station	Ink Cartridges For Office Printers	256.28	
	14/04/2023	Shire of Morawa	Plate Remake Fee For Shire Vehicle MO3377	44.50	
	18/04/2023	Mega Office Supplies	Adjustable Metal Stationery Rack For Admin	167.42	
	21/04/2023	Shire of Morawa	Payment For Staff Vehicle Registration, Reimbursement Agreed	361.80	
			Sub Total	909.00	
		EMWA - Corporate Credit Card			
	6/04/2023	Monyash Investments	Pizza For Solomon Terrace Community Consultation	360.00	
				360.00	
		CEO - Corporate Credit Card			
	3/04/2023	DWER - Water	Waste Water Treatment Plant Annual License Fee	869.00	
	5/04/2023	Zoom.US	Zoom Standard Pro Monthly Subscription For Council	22.39	
	13/04/2023	Australian Local Government	Regional Forum Registration For Canberra Conference	1120.00	
	26/04/2023	BP Moora OPT	Fuel For Shire Vehicle	80.00	
	5/04/2023	Bank West	Credit Card Facility Fee	99.00	
	28/04/2023	Bank West	Foreign Transaction Fee (Zoom)	0.66	
			Sub Total	2,191.05	

TOTAL Corporate Credit Card Payment 3,460.05

Ordinary Council Meeting 22 June 2023

Attachment 1- 14.1 Shire of Morawa RAV Route Road Assessment

Item 14.1- Request from Main Roads Western Australia to assess the suitability of sections of Morawa – Heitman Road and Streets Road to modify the Restricted Access Vehicle Network (RAV) rating



Restricted Access Vehicle – Route Assessment

Streets Road

Streets road is a gravel formed road consisting of various types of material. Sections of the road are construction with natural gravels at a tested thickness of 50 mm in the main trafficable area.

Sections have a minimum coverage of gravel over lateritic rock outcrops- sections of these are exposed.

One extended section over the 3.9 km from Heitman road and SLK 0.00 has almost 900 metres of very sandy gravel, mostly yellow sand. Only being held together by the winter moisture.

Road width at Heitman road is 7.2 however that is from drain to drain, as the road is constructed of gravel the shoulder will vary somewhat from 500 mm to 1000 mm either side of the road.

Effectively making the running surface 5.2- 5.8 m. This is not conducive to large trucks passing each other at speed. Operations would then require trucks driving in the table drain , which is effectively driving off the road.

Travelling the road from SLK 0.00 to SLK 3.90 the road surface changing at the following locations.

SLK 0.00 minimal gravel 6.5 m wide.



Figure 1 Streets Road 0.00 slk facing east.



Figure 2 Streets Road 0.00 slk facing east.

SLK 0.31 exposed lateritic rocks.



Figure 3 Lateritic rocky sections on crests

SLK 0.57 Minor exposed lateritic rocks with vegetation growing towards the road, some even hit by vehicles with broken branches on the ground underneath Causing the travelling surface to be 4.0 m



Figure 4 Streets at slk 0.31 vegetation extending over road reducing safe travel surface to 4.0 m.



Figure 5 Streets Road with yellow sand formed section showing.

SLK 1.62 natural gravel with extensive trees along the side of the road, and overhanging trees both sides of the road.

SLK 2.48 road formed of local sand approx 800 m in length, bound by winter moisture.

SLK 3.22 end of sand , return to gravel.

SLK 3.3 Crest with exposed lateritic rocks exposed.

SLK 3.90 Heitman Road intersection, parked at T junction entering Streets Road and at a height of 2.4 m the verge trees allows 101 metres of vision to the west and 250 metres to the east. Possible vehicle interaction issues turning west as heavy vehicle would cover the entire width of Streets Road turning, risk of head on with another vehicle travelling east at speed .



Figure 6 Streets Road at 2.4 m height of truck as per assessment requirements. Tyre marks indicate full road taken up when heavy vehicle turning.



Figure 7 Heitman road intersection with Streets Road looking west.

Along this section of Streets Road there is no guide posts or any deliniation at all to mark the road edging. This would be as the road is a dead end .

Sight lines are reduced due to road geometry and grades, and do not meet the minimum requirements set out in Austroads.

Additional information Streets Road;

Travelling east on Streets Road from Heitman Road there are roadside vegetation issues and at SLK 9.27 there is a small creek with piping under the road. There are water issues at this location as both sides of the batters have erosion damage requiring some form of repair. Road is 6.2 metres wide but as there is erosion this reduces the road travelling safe surface to 4.0 metres wide. This location would be an issue with oncoming vehicles.



Figure 8 Culvert Streets Road 9.27 slk



Figure 9 Culvert Streets Road 9.27 slk

SLK 12.12 is the T junction intersection with Nanekine Road, this intersection is on a 50 degree angle causing vehicles to be in odd positions to be at 90 degrees for adequate line of sight along Nanekine Road.



Figure 10 Intersection Nanekine Road and Streets Road

There are heavy vehicle rubber tyre marks on the intersection showing that when a heavy vehicle turns it has been on the wrong side of the road and taking up the full width of Streets Road which would cause the vehicle to be travelling into oncoming traffic.

After inspecting Streets Road it is evident the road is not adequately safe enough for a category RAV 7 to operate on Streets Road. Additionally the section that has not been requested in the application of Streets Road from Heitman Road to Nanekine Road also has many deficiencies including the intersection of Nanekine Road and Streets Road which is constructed at a 50 degree angle.

Streets road was inspected on the 20/06/2023 by Joe Hodges and Brett Atkinson and report compiled on the 21/06/2023.

Heitman Road/Nanekine Intersection



Heitman Road access off Nanekine Road is an unsealed gravel surface, approximately 13m wide, leading into an 8m wide gravel road. This width cannot safely facilitate turning movements for vehicles rated RAV 2 or greater.

The two abutting property boundaries are not truncated and therefore, dictate the width of the intersection without land acquisition.

There does not appear to be any services located within the road reserve however, this cannot be confirmed without undertaking service location. Drainage is informal and can be modified if required. Main Roads would need to be engaged to relocate signage.

Sight lines are reduced due to road geometry and grades, and do not meet the minimum requirements set out in Austroads.



Pavement formation is between 8 – 10m wide from SLK 0 – 7.84 and is generally in good condition. Minor vegetation within the road reserve would slightly improve sight lines.

There is a culverted floodway which may require widening to facilitate 2-way movement.

There are a number of locations where steep grades exceed those stipulated in the MRWA Access Guide Standards.

Sight lines from the property access is impeded by steep grades and obstructs on-coming traffic in both directions.

Heitman Road does not currently form part of the states RAV network. The request is to approve RAV 7.1 access however, there are a number of safety and design issues which could not safely facilitate vehicles of this size without modifications.

Heitman Road inspection conducted by former EMWA, Paul Devcic, in October 2022 deemed still valid.