

Appendix B

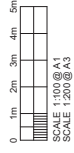
Detailed maps and plans

Issue 7

Project S2223404 - Orica Tocomwal Magazines														
PLEASE ACKNOWLEDGE RECEIPT OF DRAWINGS Reasons: A - For Approval, AC - As Constructed, C - For Construction, I - For Information, P - Preliminary, T - For Tender MU - Multiple		ISSUE NO.	2	3	4	5	6	7						
		ISSUED BY	BB	BF	BB	BB	BB	BB						
		DAY	19	13	27	28	14	22						
		MONTH	9	10	10	11	12	12						
		YEAR	23	23	23	23	23	23						
		ISSUE REASON	P	P	P	A	P	C						
DRG NO.	DRAWING/DOCUMENT TITLE	SIZE	SCALE											
S2223404-B01	SITE PLAN	NTS	-		P1	P2	P2		A					
S2223404-B02	FLOOR PLAN	NTS	-		P2	P3	P4	P5		A				
S2223404-B03	ELEVATIONS	NTS	-		P2	P3	P4	P5		A				
S2223404-B04	SECTIONS	NTS	-		P1	P2	P3	P4		A				
S2223404-B05	DETAILS	NTS	-		P2	P3	P4	P5	P6	A				
S2223404-B06	WALL AND FLOOR FINISHES LAYOUT	NTS	-		P1	P2	P3	P4		A				
S2223404-B07	MAGAZINE DOOR D1 DETAILS	NTS	-		P1	P2	P3	P4		A				
S2223404-B08	MAGAZINE DOOR D2 DETAILS	NTS	-		P1	P2	P3	P4		A				
S2223404-B09	WALL VENT DETAILS	NTS	-		P1	P2	P3	P4		A				
S2223404-B10	REFLECTED CEILING PLAN	NTS	-		P1	P2	P3	P4		A				
S2223404-B11	ROOF PLAN	NTS	-		P1	P2	P3	P4		A				
S2223404-B12	FIRE SERVICES PLAN	NTS	-			P1	P2	P3		A				
S2223404-GE00	COVER SHEET	NTS	-							A				
S2223404-S01	NOTES	NTS	-							A				
S2223404-S02	FOOTING AND FLOOR SLAB LAYOUT	NTS	-			P1	P2	P3		A				
S2223404-S03	PRECAST CONCRETE WALL PANEL LAYOUT AND DETAILS	NTS	-			P1	P2	P3		A				
S2223404-S04	PRECAST CONCRETE WALL PANEL ELEVATIONS	NTS	-			P1	P2	P3		A				
S2223404-S05	ROOF FRAMING LAYOUT	NTS	-			P1	P2	P3		A				
S2223404-S06	SECTION	NTS	-			P1	P2	P3		A				
S2223404-S07	ROOF FRAMING SECTIONS AND DETAILS	NTS	-			P1	P2	P3		A				
DISTRIBUTION				CD - Electronic Media, D - By Download, DH - Download and Hardcopy, E - Email, EH - Email and Hardcopy, EX - Extranet Issue, H - Hardcopy, MU - Multiple										
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Orica Australia Pty Ltd														
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	Sharon Richards				E									
ELECTRONIC FORMATS														
	pdf				x	x	x	x	x	x				
DOCUMENT AND DRAWING ISSUE REGISTER														



DRAWING ISSUE		INITIALS
ISSUE	DATE	DETAILS
P1	13.10.23	PRELIMINARY
P2	27.10.23	CLIENT REVIEW
A	20.12.23	ISSUED FOR CONSTRUCTION



	CIVIL	STRUCTURAL	HYDRAULIC
1	■	■	■
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CLIENT



PROJECT
TOCUMWAL MAGAZINES

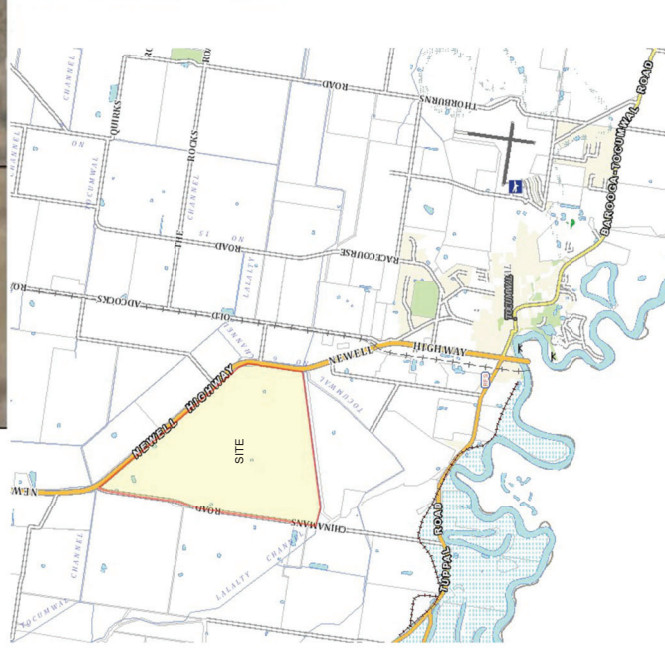
DRAWING TITLE
SITE PLAN

DESIGN	ORIGINAL SIZE	A1
DRAWN	BYP	S223404
CHECKED	JP	
APPROVED	DRAWING NUMBER	B01
DATE	ISSUE	A

RP DESCRIPTION
LOT 2 ON DP225459

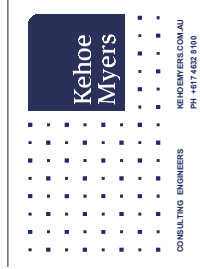
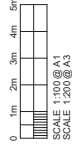


PART SITE PLAN
SCALE : NTS



LOCALITY PLAN
SCALE: NTS

DRAWING ISSUE		INITIALS
ISSUE	DATE	DETAILS
P1	07.07.23	PRELIMINARY
P2	15.09.23	PRELIMINARY
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P4	27.10.23	CLIENT REVIEW
P5	28.11.23	CLIENT REVIEW
A	20.12.23	ISSUED FOR CONSTRUCTION



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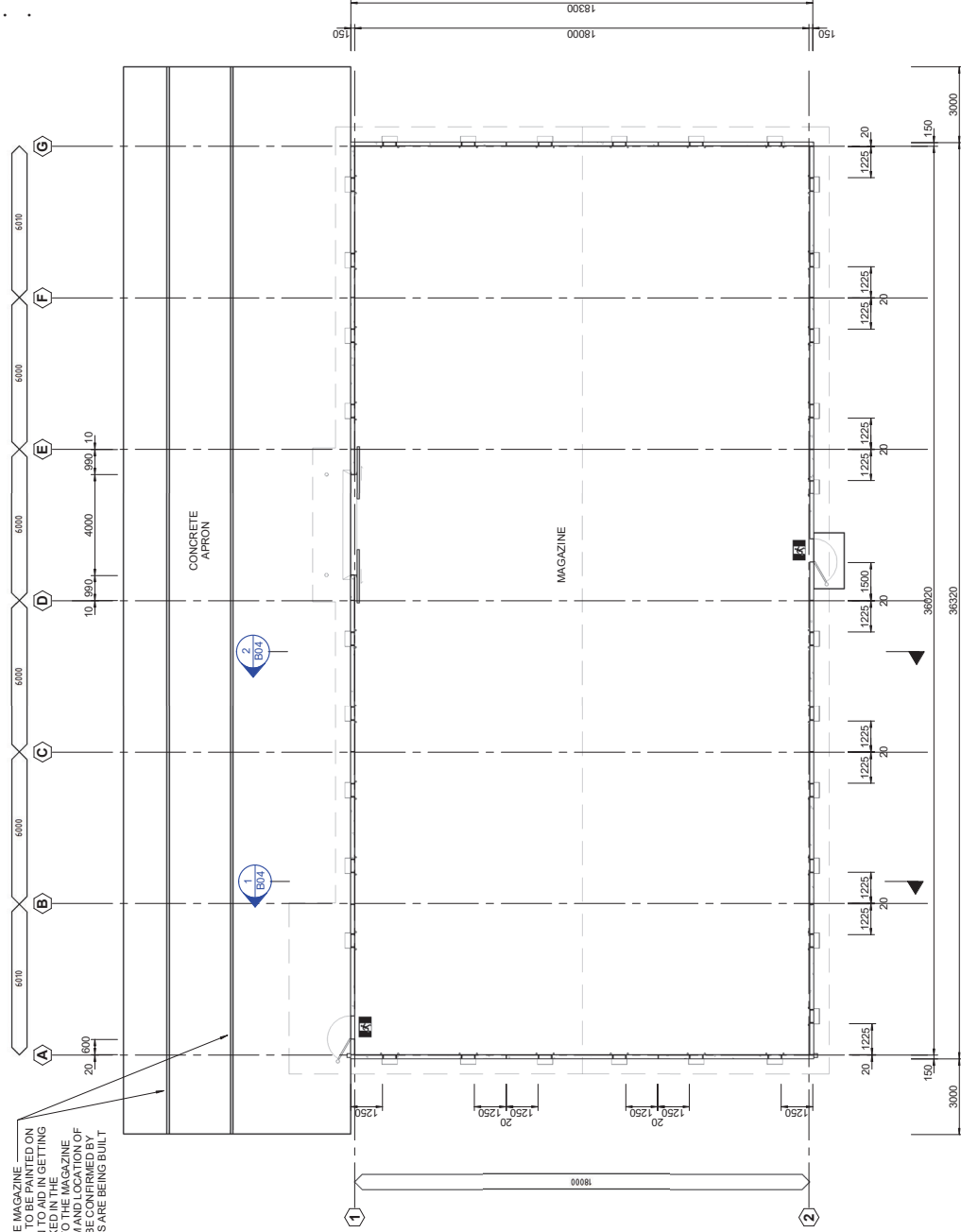


PROJECT
TOCUMVAL MAGAZINES

DRAWING TITLE
FLOOR PLAN

DESIGN	ORIGINAL SIZE	A1
DRAWN <i>BJP</i>	PROJECT NUMBER	S2223404
CHECKED <i>JP</i>		
APPROVED	DRAWING NUMBER	B02
DATE	ISSUE	A

- GRID LINE A, G, 1 AND 2 ALIGN WITH INSIDE FACE OF PRECAST WALL PANELS
- GRID LINES B - F ALIGN WITH CENTER LINE OF RAFTERS AND PRECAST WALL PANEL JOINTS



- THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS
- ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH CURRENT AND RELEVANT SAA CODES, NCC, THE BUILDING ACT AND LOCAL AUTHORITIES BY-LAWS
- THE CONTRACTOR TO VERIFY ALL DIMENSIONS, LEVELS, SETBACKS AND SPECIFICATIONS PRIOR TO COMMENCING ANY WORK OR ORDERING MATERIALS AND SHALL BE RESPONSIBLE FOR ENSURING THAT ALL BUILDING MATERIALS AND FINISHES ARE IN ACCORDANCE WITH THE RELEVANT (NCC EDITIONS), BUILDING REGULATIONS, LOCAL BYLAWS AND TOWN PLANNING REQUIREMENTS. REPORT ANY DISCREPANCIES FOR CLARIFICATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRUCTURE DURING ERECTION AND PROVIDE ADEQUATE PROPPING AND SUPPORT
- ALL EXIST DOORS, DOORS IN PATH OF TRAVEL, TO EXITS ARE TO COMPLY WITH THE NCC AND RELEVANT AUSTRALIAN STANDARDS, AT ALL TIMES
- EXIT SIGNS, DIRECTION SIGNS AND EMERGENCY LIGHTS TO COMPLY WITH AS/NZS2233.1 AND NCC. FOR ANY DEPARTURES FROM THE 'DEEMED TO SATISFY' SOLUTION TO BE CONSULTED THE BUILDING CERTIFIER AND FIRE ENGINEER IS TO BE REQUIREMENTS FOR AN ALTERNATIVE SOLUTION OF THESE REQUIREMENTS TO SUIT THE OPERATIONAL REQUIREMENTS OF THE BUILDING
- BUILDING CONSTRUCTION TO BE IN ACCORDANCE WITH AS2181 'EXPLOSIVES - STORAGE, TRANSPORT AND USE PART 1 - STORAGE'
- BUILDING CONSTRUCTION TO BE IN ACCORDANCE WITH AS3669 'CONSTRUCTION OF BUILDINGS IN BUSHE-FIRE-PRONE AREAS' TO ACHIEVE A MINIMUM BAL 12.5

FLOOR PLAN
SCALE 1 : 100 @ A1

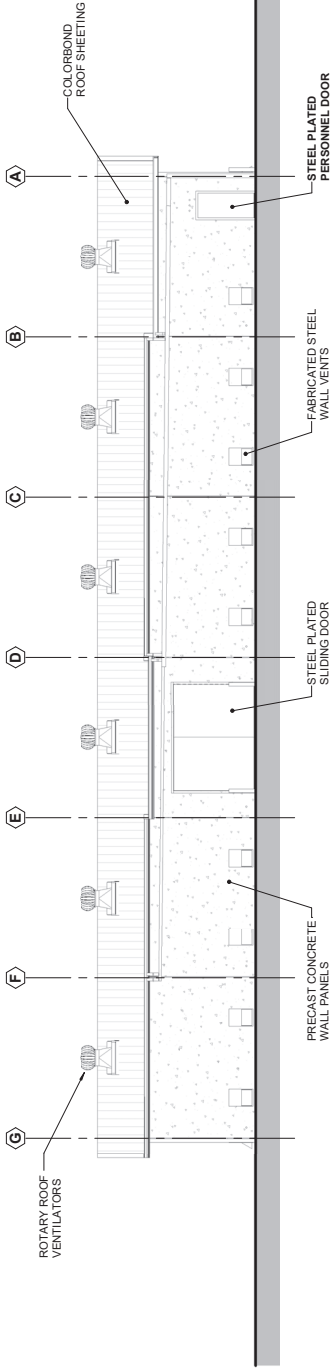
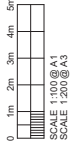
DISTRIBUTION MAGAZINE	-	WAREHOUSE
PROPOSED USE	-	CLASS 7b
BUILDING CLASSIFICATION	-	TYPE C
FLOOR AREA	-	664.7m ²
OCCUPANCY	-	

NOTE:

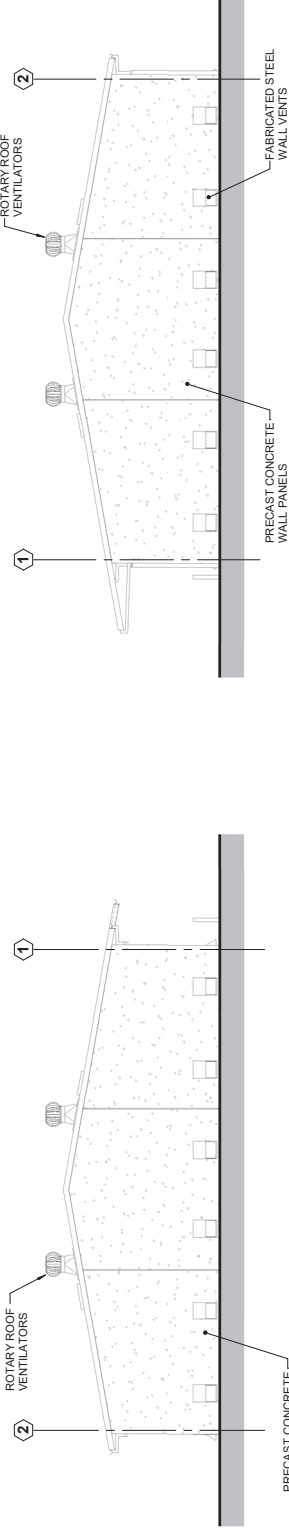
- PRIMARY BUILDING ELEMENTS ARE NOT SUSCEPTIBLE TO TERMITE ATTACK
- THE BUILDING IS TO BE USED FOR STORAGE ONLY AND NO HEATING OR COOLING EQUIPMENT TO BE INSTALLED. HENCE BUILDING FABRIC ASPECTS OF SECTION J DO NOT APPLY. REFER TO ELECTRICAL CONSULT FOR COMPLIANCE OF LIGHTING WITH SECTION J6

DATUM

ISSUE	DATE	DRAWING ISSUE	DETAILS	INITIALS
P1	07/07/23	PRELIMINARY		
P2	13/03/23	PRELIMINARY		
P3	15/03/23	PRELIMINARY		
P4	21/03/23	PRELIMINARY		
P5	21/03/23	CLIENT REVIEW		
P6	28/11/23	CLIENT REVIEW		
A	20/12/23	ISSUED FOR CONSTRUCTION		

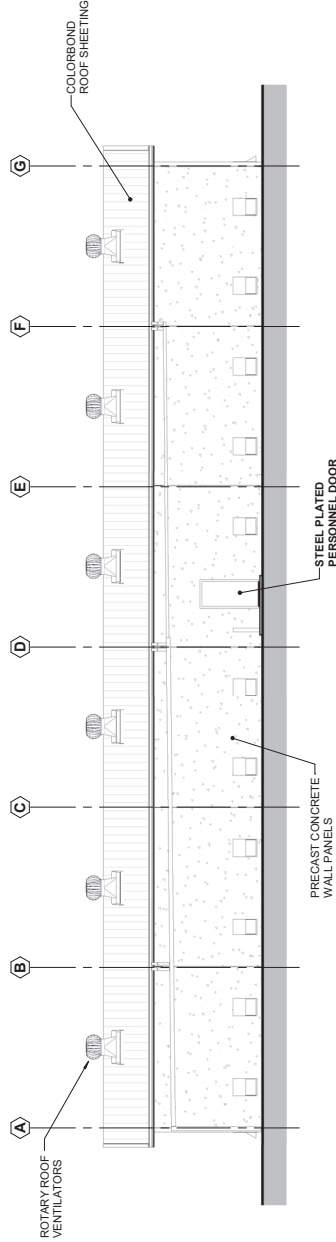


FRONT ELEVATION
SCALE 1:100 @ A1



LEFT SIDE ELEVATION
SCALE 1:100 @ A1

RIGHT SIDE ELEVATION
SCALE 1:100 @ A1



REAR ELEVATION
SCALE 1:100 @ A1

CLIENT

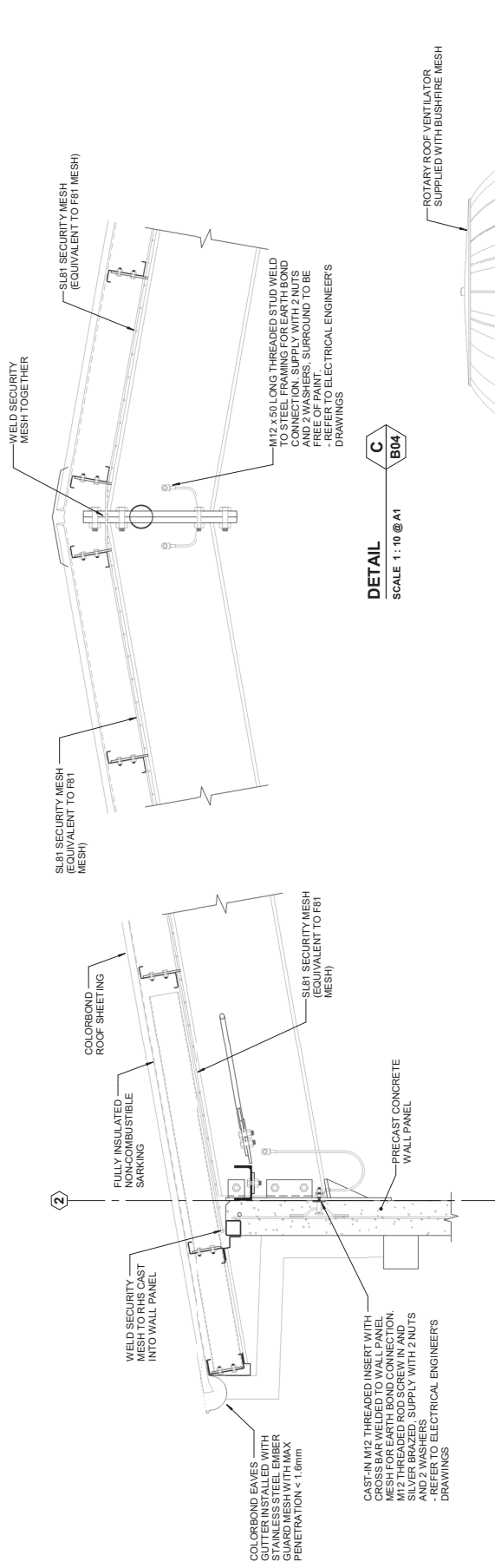
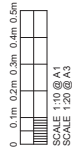


PROJECT
TOCUMWAL MAGAZINES

DRAWING TITLE
ELEVATIONS

DESIGN	ORIGINAL SIZE	A1
DRAWN	PROJECT NUMBER	S2223404
CHECKED	7/7	
APPROVED	DRAWING NUMBER	B03
DATE	ISSUE	A

DRAWING ISSUE		INITIALS
ISSUE	DTE	DETAILS
P1	21.07.23	PRELIMINARY
P2	15.09.23	PRELIMINARY
P3	13.10.23	PRELIMINARY
P4	27.10.23	CLIENT REVIEW
P5	28.11.23	CLIENT REVIEW
P6	14.12.23	CLIENT REVIEW
A	20.12.23	ISSUED FOR CONSTRUCTION



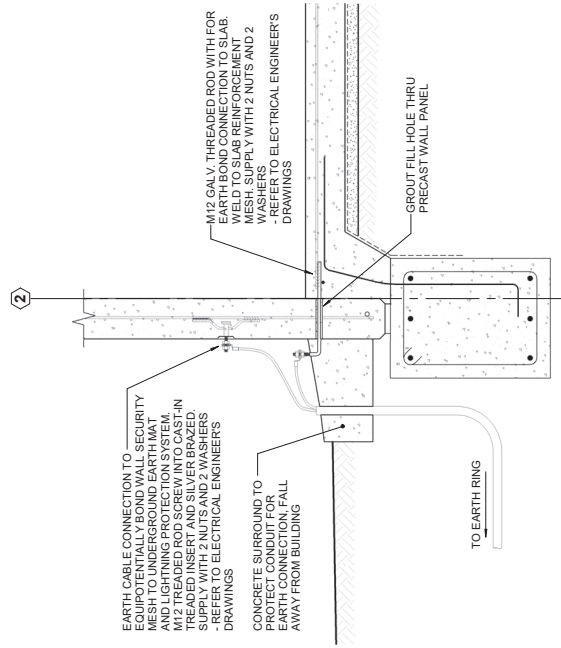
DETAIL

SCALE 1 : 10 @ A1

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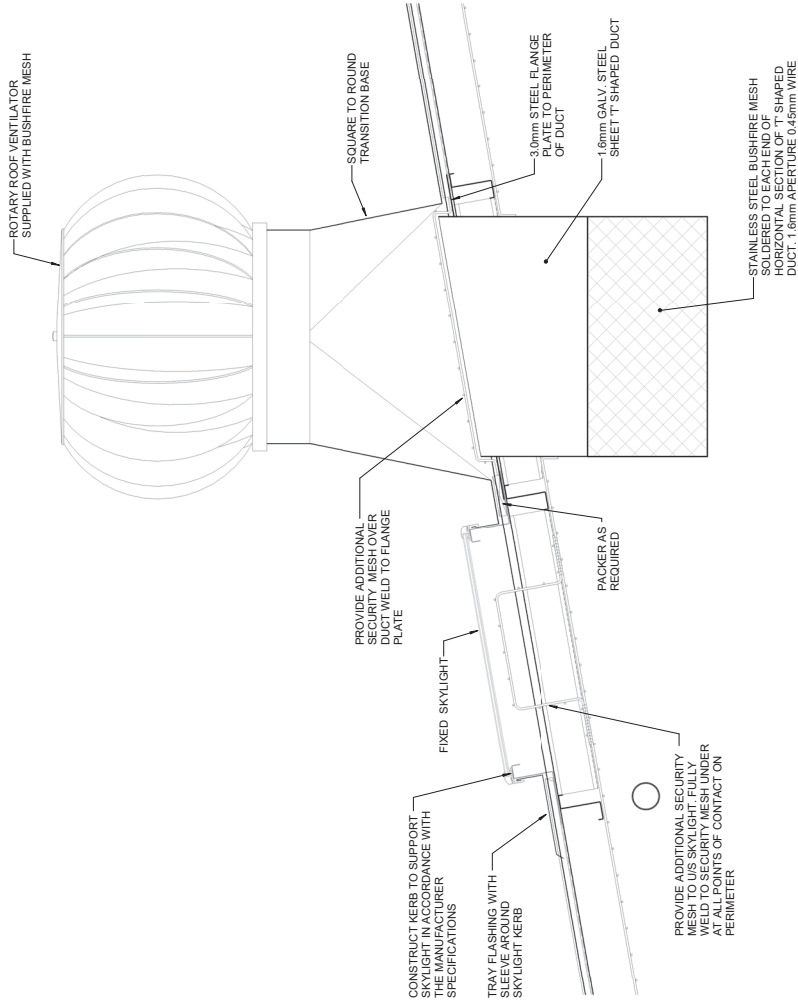
B04

DETAIL
SCALE 1 : 10 @ A1
B
B04



DETAIL

SCALE 1 : 10 @ A1



DETAIL

D

B04

SCALE 1 : 10 @ A1

DESIGN		ORIGINAL SIZE	A1
DRAWN	<i>BjP</i>	PROJECT NUMBER	S2223404
CHECKED	<i>JP</i>	DRAWING NUMBER	B05
APPROVED		ISSUE	A
DATE			

DRAWING TITLE
DETAILS

PROJECT
TOCUMWAL MAGAZINES

DRAWING TITLE
DETAILS

CLIENT

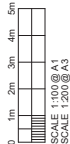
	CIVIL	STRUCTURAL	HYDRAULIC
1. <i>Water Resources Engineering</i>	■	■	■
2. <i>Water Supply Engineering</i>	■	■	■
3. <i>Sanitary Engineering</i>	■	■	■
4. <i>Hydrology</i>	■	■	■
5. <i>Hydroinformatics</i>	■	■	■
6. <i>Water Quality Engineering</i>	■	■	■
7. <i>Water Pollution Control</i>	■	■	■
8. <i>Water Distribution Engineering</i>	■	■	■
9. <i>Water Treatment Engineering</i>	■	■	■
10. <i>Water Resources Management</i>	■	■	■
11. <i>Water Resources Planning</i>	■	■	■
12. <i>Water Resources Economics</i>	■	■	■
13. <i>Water Resources Law</i>	■	■	■
14. <i>Water Resources Policy</i>	■	■	■
15. <i>Water Resources Administration</i>	■	■	■
16. <i>Water Resources Engineering</i>	■	■	■
17. <i>Water Resources Engineering</i>	■	■	■
18. <i>Water Resources Engineering</i>	■	■	■
19. <i>Water Resources Engineering</i>	■	■	■
20. <i>Water Resources Engineering</i>	■	■	■

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DRAWING ISSUE		INITIALS
ISSUE	DATE	DETAILS
P1	15/02/23	PRELIMINARY
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A	20/12/23	ISSUED FOR CONSTRUCTION



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	CIVIL	STRUCTURAL	HYDRAULIC
1. Water Resources Engineering	■	■	■
2. Hydrology and Water Quality	■	■	■
3. Water Distribution and Management	■	■	■
4. Environmental Engineering	■	■	■
5. Transportation Engineering	■	■	■
6. Geotechnical Engineering	■	■	■
7. Structural Engineering	■	■	■
8. Construction Management	■	■	■
9. Urban Planning	■	■	■
10. Public Health Engineering	■	■	■

CLIENT



PROJECT
TOCUMWAL MAGAZINES

DRAWING TITLE
WALL AND FLOOR FINISHES
LAYOUT

DESIGN	ORIGINAL SIZE	A1
DRAWN <i>BJP</i>	PROJECT NUMBER	S223404
CHECKED <i>JP</i>	DRAWING NUMBER	B06
APPROVED	ISSUE	A
DATE		

POST CONSTRUCTION OF THE MAGAZINE PAINTED YELLOW LINES ARE TO BE PAINTED ON THE CONCRETE SLAB APRON TO AID IN GETTING THE DELIVERY TRUCKS PARKED IN THE CORRECT SPOT ADJACENT TO THE MAGAZINE FORKLIFT DOOR. FINAL FORM AND LOCATION OF THESE PAINTED LINES WILL BE CONFIRMED BY THE STATE OF FLORIDA WHEN THE MAGAZINES ARE BEING BUILT

FIXTURES SCHEDULE

B	130.5 x 54.0mm CORECELLED BOLLARD - 1800 HIGH 4000mm FINISH - 1800mm HIGH BORED PIER, WELD M10 x 40 LONG STUD TO BASE OF BOLLARD FOR EARTH BOND CONNECTION. SUPPLY WITH NUT AND WASHERS, SURROUND TO BE FREE OF PAINT - PROVIDE DOOR CATCH WHERE REQUIRED TO HOLD DOOR OPEN. GRADE HIGH GLOSS ENAMEL PAINT SYSTEM FINISH.	COLOUR - SAFETY YELLOW
V	FABRICATED WALL VENTILATOR, 5mm MILD STEEL, EXTERNAL COVER PLATE AND WEATHER SHIELD WITH PERFORATED PLATE TO OPENING, HOT DIPPED GAL VANISHED FINISH 12mm PL W/WOOD INTERNAL COVER PLATE WITH OFFSET OPENINGS, COVER OPENINGS WITH WOVEN WIRE MESH 12mm PL W/WOOD INTERNAL COVER PLATE WITH HARDWOOD STRIP FENCER EACH SIDE, SATIN POLYURETHANE CLEAR FINISH	REFER TO DRAWING B09 FOR DETAILS
TK	200x75 HWD (VERTICAL) TIMBER KERR, FIX TO TOP OF WALL, 1500mm HIGH, 1500mm WIDE @ 1500 CTS MAX FINISH BELOW SURFACE, AND PLUG HOLE WITH TIMBER DOWEL, APPLY SATIN POLYURETHANE CLEAR FINISH	

NOTE:

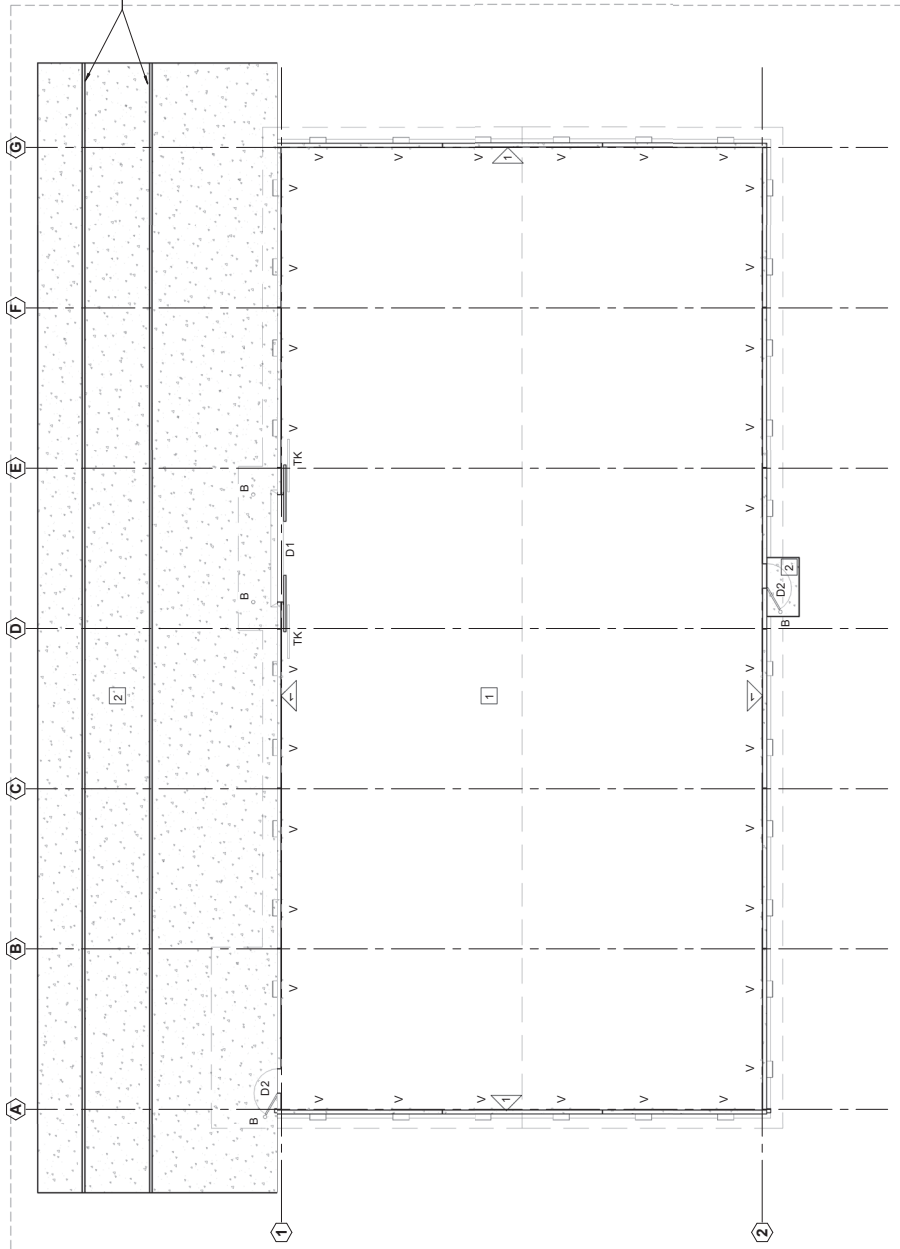
- PAINT SYSTEM REFERS TO THE FINAL COAT AND SHALL INCLUDE THE RECOMMENDED WITH THE MANUFACTURERS SPECIFICATION AND AS2311. THE SURFACE SHALL BE PREPARED TO A STANDARD NOT LESS THAN DESCRIBED IN AS2311 SECTION 3 PREPARATION OF UNPAINTED SURFACE

FINISHES SCHEDULE

FLOOR FINISHES	
	STEEL TROWEL CONCRETE APPLY CLEAR CONCRETE SEALER SYSTEM
	BROOM FINISH NATURAL CONCRETE
WALL FINISHES	
	STEEL TROWEL FINISH CONCRETE WALL PANEL, INSTALL WITH FIRE RESISTANT SEALANT TO EXTERNAL SIDE OF JOINTS APPLIED AN EXTERIOR GRADE ELASTOMERIC COATING TO THE EXTERIOR FACE.
	COLOUR -

NOTE:

- INSTALLATION OF ALL PRODUCTS TO BE STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION MANUALS
- THE CONTRACTOR IS TO PROVIDE ADDITIONAL TAMPER RESISTANT FIXINGS WHERE REQUIRED TO ENSURE THE BUILDING IS SECURE
- ALL FIXINGS TO BE COLOUR MATCHED
- WALL CONSTRUCTION TO BE IN ACCORDANCE WITH AS3959
- 'CONSTRUCTION OF BUILDINGS IN BUSHFIRE-PRONE AREAS' TO ACHIEVE A MINIMUM BAL 12.5



THE BUILDING SURROUNDS TO BE
CLEARED OF ALL VEGETATION
INCLUDING TREES FOR A MINIMUM
OF 5m (OR AS ADVISED BY THE
LOCAL FIREFIGHTING AUTHORITY)
TO FORM A FIRE BREAK

WALL AND FLOOR FINISHES LAYOUT

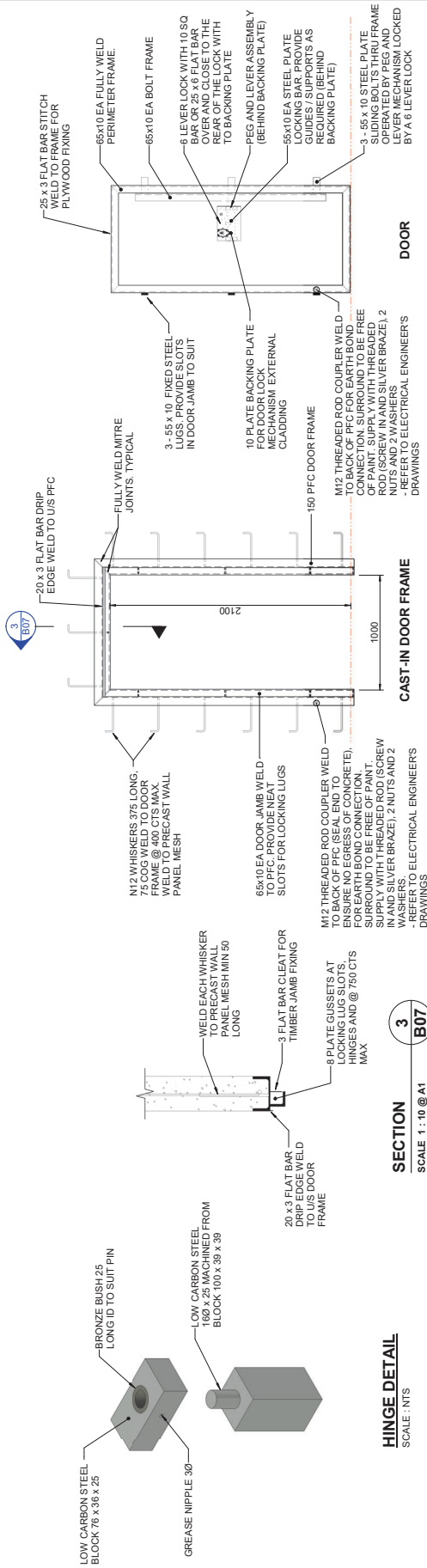
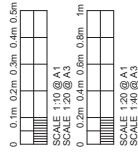
SCALE 1 : 100 @ A1

	DOOR	SCHEDULE
D1	2100 HIGH X 1000 WIDE FABRICATED STEEL FRAME MAGAZINE DOOR WITH CAST IN DOOR FRAME, 10 STEEL PLATE EXTERNAL LINING AND 17mm PLYWOOD INTERNAL LINING. APPLY EXTERIOR GRADE PAINT SYSTEM FINISH.	
D2	FABRICATED STEEL FRAME SLIDING MAGAZINE DOOR TO SUIT 4000 WIDE X 3000 HIGH OPENING WITH CAST IN DOOR FRAME, 10mm STEEL PLATE EXTERNAL LINING AND 17mm PLYWOOD INTERNAL LINING. INSTALL BAL-FLZ DOOR AND PERIMETER OF DOOR FRAME. INSTALL MIN DOOR AND PERIMETER OF DOOR FRAME. SEAL TO ONE LEAF BAL. 19 RATED SELF ADHESIVE SEAL TO ONE LEAF. APPLY EXTERIOR GRADE PAINT SYSTEM FSH.	

NOTE:

- REFER TO DRAWING B07 AND B08 FOR MAGAZINE DOOR DETAILS
- PREFER TIMBER ARCHITRAVES AND JAMBS AS DETAIL 'ALL STEELWORK TO BE COVERED
- DOOR CONSTRUCTION TO BE IN ACCORDANCE WITH AS2187.1
- 'EXPLOSIVES - STORAGE, TRANSPORT AND USE PART 1: STORAGE DOOR INSTALLATION TO BE IN ACCORDANCE WITH AS3959
- 'CONSTRUCTION OF BUILDINGS IN BUSHFIRE-PRONE AREAS' TO ACHIEVE A MINIMUM BAL 12.5

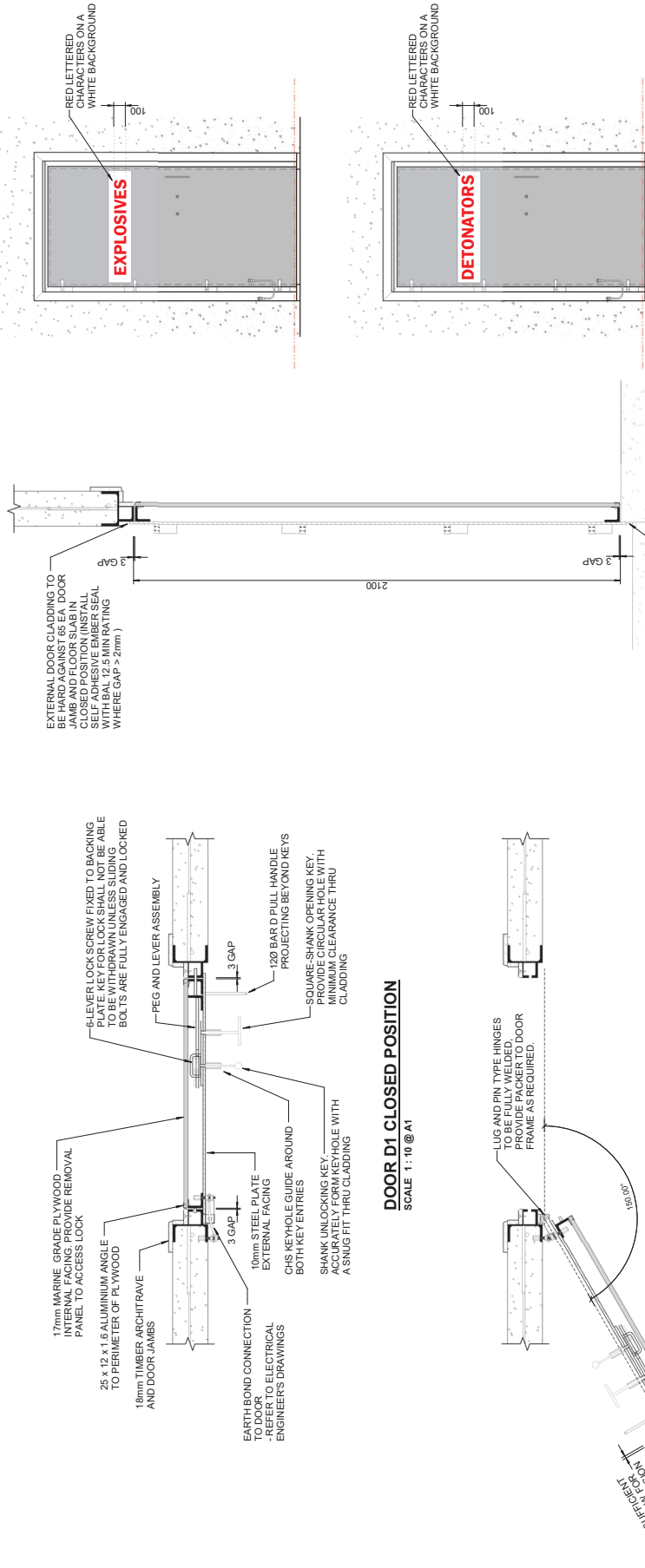
DRAWING ISSUE			
ISSUE	DATE	DETAILS	INITIALS
P1	15/09/23	PRELIMINARY	
P2	13/10/23	PRELIMINARY	
P3	27/10/23	CLIENT REVIEW	
P4	28/11/23	CLIENT REVIEW	
A	20/12/23	ISSUED FOR CONSTRUCTION	



SCALE : NTS

SCALE 1:10 @ A1

SCALE 1:20 @ A1



PROVIDE STEEL ANGLE AND DOOR STOP WELD TO SIDE OF BOLLARD WITH SLOT TO SUIT SLIDE BOLT TO LOCK DOOR IN OPEN POSITION WHEN THE BUILDING IS OCCUPIED. BOTH DOORS.

FLOOR SLAB TO BE POURED
FLUSH WITH 65 EA DOOR
JAMB. EXTERNAL DOOR
CLADDING TO BE HARD
AGAINST FLOOR SLAB.

NOTE:
- ORICA TO ADVISE THE APPROPRIATE
MARKING TO BE USED FOR THE MAGAZINE

SCALE 1: 10 @ A1

SCALE 1:10 @ A1

SCALE 1:20 @ A1

DESIGN	ORIGINAL SIZE	A1
DRAWN	237P	PROJECT NUMBER S223404
CHECKED	37P	
APPROVED		
		DRAWING NUMBER B07
DATE		ISSUE A

[illegible]

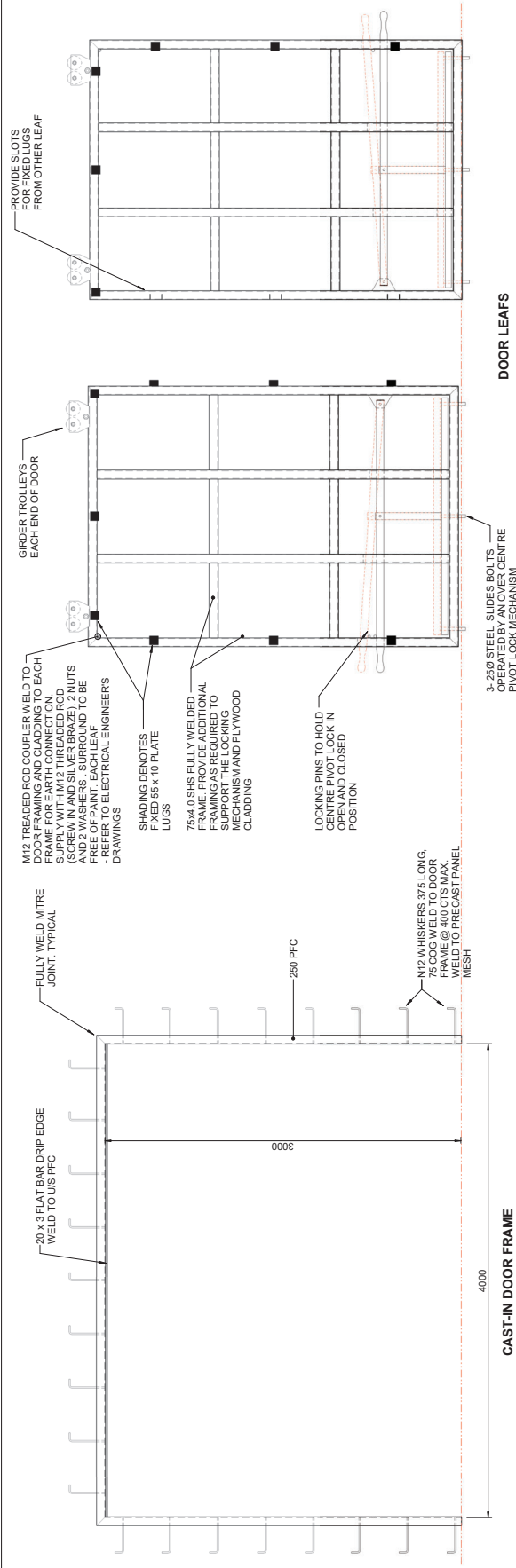
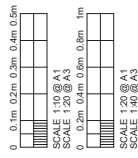
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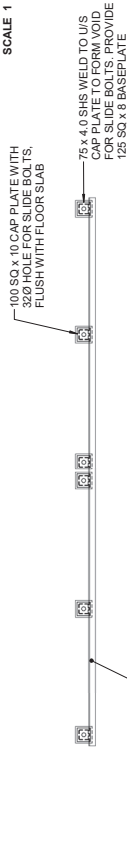
PROJECT TOCUMWAL MAGAZINES

DRAWING TITLE
MAGAZINE DOOR D1 DETAILS

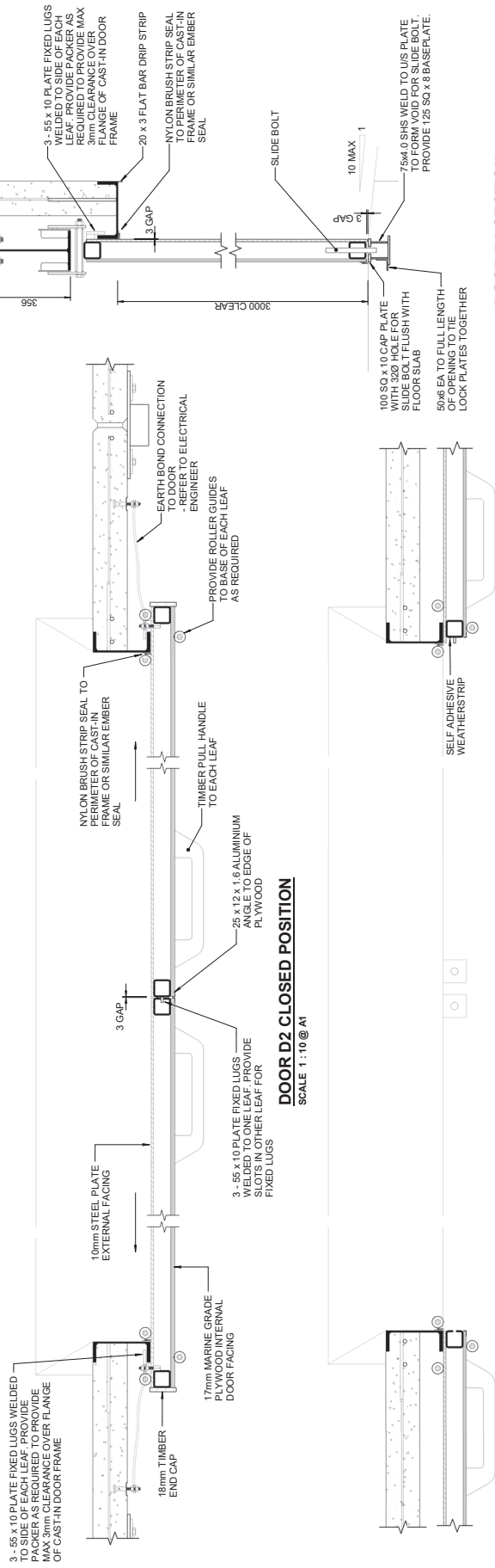
DRAWING ISSUE		
ISSUE	DATE	DETAILS
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P2	13/02/23	PRELIMINARY
P3	27/10/23	CLIENT REVIEW
P4	28/11/23	CLIENT REVIEW
A	20/12/23	ISSUED FOR CONSTRUCTION



SCALE 1 : 20 @ A1



SCALE 1: 20 @ A1

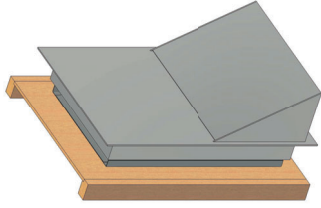


SCALE 1:10 @ A1

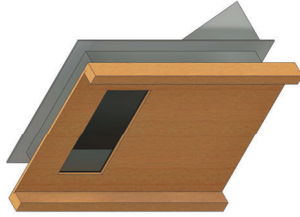
SCALE 1:10 @ A1

DESIGN	ORIGINAL SIZE	A1
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CHECKED	<i>3/7F</i>	
APPROVED		B08
DATE		ISSUE
		A

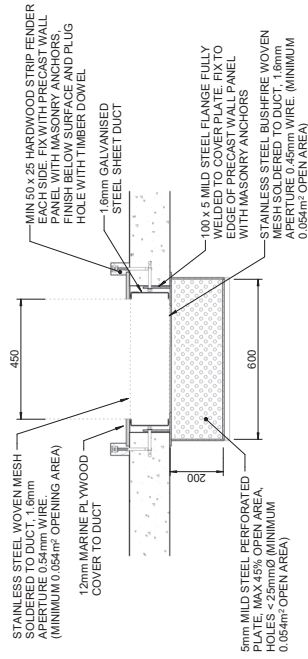
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	DATE	DETAILS	
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P2	13.10.23	PRELIMINARY	
P3	27.10.23	CLIENT REVIEW	
P4	28.11.23	CLIENT REVIEW	
A	20.2.23	ISSUED FOR CONSTRUCTION	



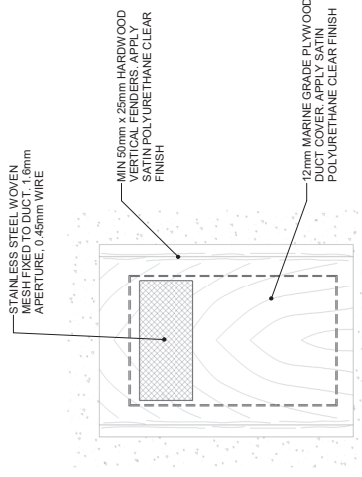
EXTERNAL 3D VIEW
SCALE @ A1



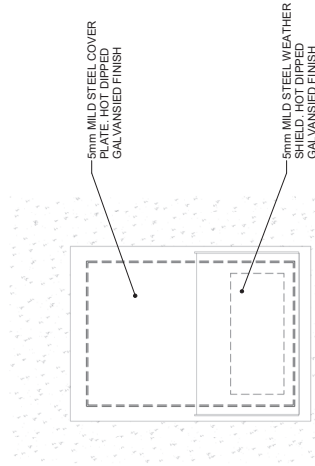
INTERNAL 3D VIEW
SCALE @ A1



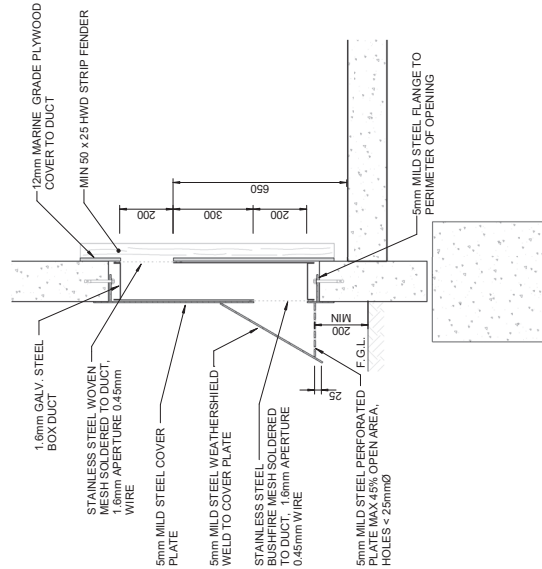
PLAN
SCALE 1 : 10 @ A1



INTERNAL ELEVATION
SCALE 1:10 @ A1



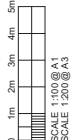
EXTERNAL ELEVATION
SCALE 1:10 @ A1



SECTION
SCALE 1 : 10 @ A1

DESIGN	ORIGINAL SIZE	A1
DRAWN	PROJECT NUMBER	S2223404
CHECKED	DRAWING NUMBER	B09
APPROVED	ISSUE	A

ISSUE	DATE	DRAWING ISSUE	
		DETAILS	INITIALS
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P2	13/10/23	PRELIMINARY	
P3	27/10/23	CLIENT REVIEW	
P4	28/11/23	CLIENT REVIEW	
A	20/12/23	ISSUED FOR CONSTRUCTION	



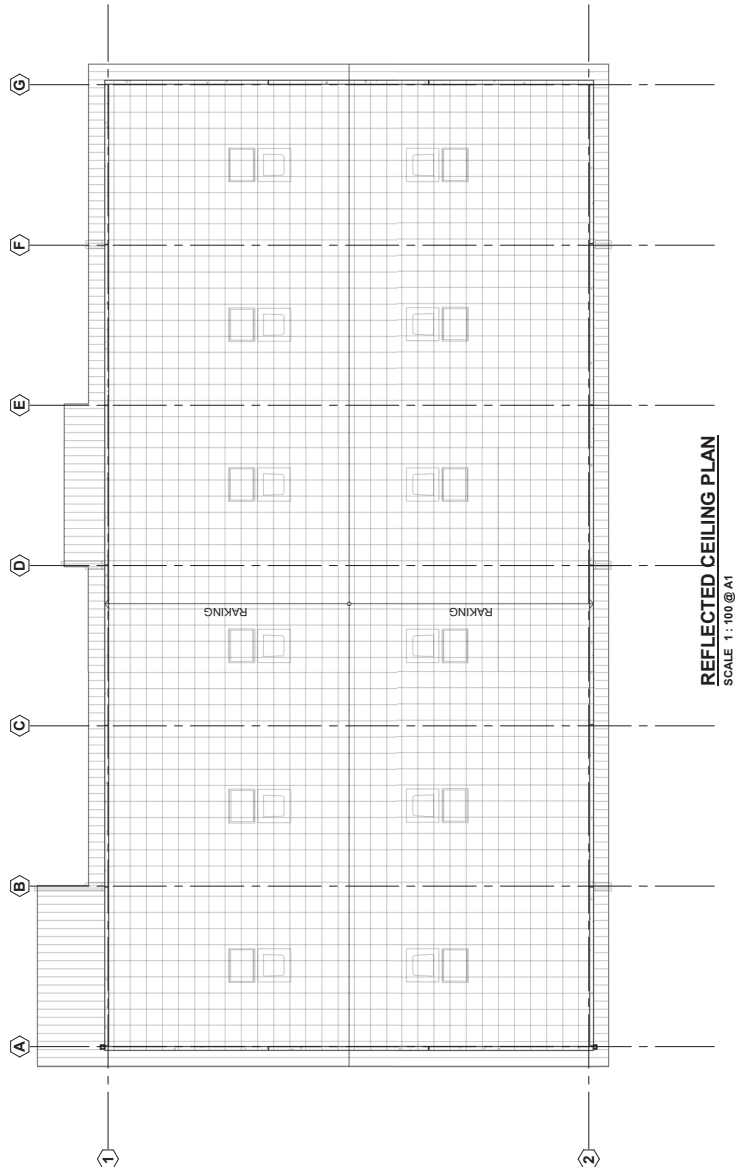
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PROJECT
TOCUMWAL MAGAZINES

DRAWING TITLE
REFLECTED CEILING PLAN

DESIGN	ORIGINAL SIZE	A1
DRAWN	PROJECT NUMBER	S2223404
CHECKED	DRAWING NUMBER	B10
APPROVED	ISSUE	A
DATE		



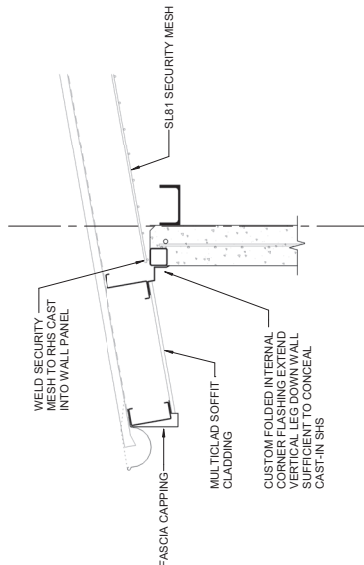
REFLECTED CEILING PLAN
SCALE 1:100 @ A1

	CEILING	FINISHES	SCHEDULE
	0.42 BM 1/8" LIGHT MULTIGL FANES SOFIT WITH 1/8" PLYS. FINISH TO ADJACENT WALL WITH CUSTOM FORMED 0.5 BM STEEL SHEET FLASHINGS / CAPINGS COLORBOND FINISH		
	COLOUR -		
	5.81 REINFORCING MESH (MIN. GRADE 450) GALVANISED STEEL LATH OVER ROOF FRAMING LAP MESH 200 ADJACENT VERTICALS TO BE STITCH WELDED @ 150MM WELD 50 MESH 200 STITCH WELD ROOF PURLINS WITH WELD MESH LATH TO US		

NOTE:

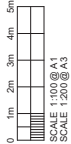
- ALL SOFFITS TO BE VERMIN AND BIRDPROOF
- SOFFITS TO BE CONSTRUCTED IN ACCORDANCE WITH AS3559

'CONSTRUCTION OF BUILDINGS IN BUSHFIRE PRONE AREAS' TO ACHIEVE A MINIMUM BAL 12.5



TYPICAL SOFFIT DETAIL
SCALE 1:10 @ A1

DRAWING ISSUE			
ISSUE	DATE	DETAILS	INITIALS
P1	15/09/23	PRELIMINARY	
P2	13/10/23	PRELIMINARY	
P3	26/11/23	CLIENT REVIEW	
P4	20/12/23	CLIENT REVIEW	
A	20/12/23	ISSUED FOR CONSTRUCTION	



CIVIL | STRUCTURAL | HYDRAULIC

CLIENT



PROJECT
TOCUMMAL MAGAZINES

DRAWING TITLE
ROOF PLAN

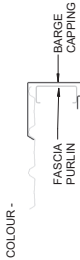
DESIGN	ORIGINAL SIZE	A1
DRAWN	PROJECT NUMBER	S2223404
CHECKED	7/7	
APPROVED	DRAWING NUMBER	B11
DATE	ISSUE	A

ROOF FINISHES SCHEDULE

ROOF SHEETING
0.42 BMT L'YSAGHT TRIMDEK ROOF SHEETING COLORBOND FINISH OVER NON-COMBUSTIBLE SARKING TO ENTIRE ROOF AREA. INSTALL BAL-FZ RATED ROOF INFILL STRIPS ALONG ROOF EAVES PACKERS @ 400mm C/C. PROVIDE AN ALTERNATIVE L'Y ALONG ROOF EDGES @ 400mm C/C WITH 'POWERS SFS TRUS DRIVE' TAMPER RESISTANT SCREWS.

RIDGE CAPPING
COLOUR -
THREE BREAK CAPPING COLORBOND FINISH SCRIBED TO SUIT ROOF PROFILE. INSTALL OVER BAL-FZ RATED ROOF INFILL STRIPS. FIX ALTERNATIVELY WITH TAMPER RESISTANT SCREWS @ 400 C/C'S

BARGE CAPPING
COLOUR -
CUSTOM FORMED 0.55 BMT STEEL SHEET BARGE CAPPING OVER FASCIA PURLIN. PROVIDE PACKERS AS REQUIRED. COLORBOND FINISH



EAVES GUTTER
COLOUR -
L'YSAGHT HALF ROUND 200' EAVES GUTTER. COLORBOND FINISH. INSTALL AT MIN 1 IN 250 GRADE FIX WITH INTERNAL STAINLESS STEEL EMBER GUARD MESH. MINIMUM CROSS SECTIONAL AREA 12 800mm²

FASCIA
COLOUR -
CUSTOM FORMED 0.55 BMT STEEL SHEET FASCIA OVER FASCIA PURLIN. PROVIDE PACKERS AS REQUIRED. COLORBOND FINISH



DOWNPIPE
100x100 0.55 BMT STEEL SHEET MITRE JOINTED DOWNPIPE COLORBOND FINISH. FIX WITH PURPOSE MADE BRACKETS COLORBOND FINISH @ 2000 C/C'S MAX. VERTICALLY

ROTARY VENTILATOR
800.0 THROAT ROTARY VENTILATOR CAPABLE OF ACHIEVING A MINIMUM OF 1.125m³/sec AT 4km/hr. FITTED WITH BUSHFIRE MESH. COLORBOND FINISH. PROVIDE 16mm STEEL STEEL SHANKS DUCT TO US THRU ROOF. HANGERS TO BE STAINLESS STEEL. PROVIDE 16mm STEEL WITH STAINLESS STEEL MESH TO BASE OF THROAT. 1.8mm APERTURE 0.45mm WIRE

SKYLIGHT
COLOUR -
970 x 1275 FIXED DOUBLE GLAZED SKYLIGHT. MINIMUM BAL 12.5 RATED. INSTALL WITH ADDITIONAL SUB1 SECURITY MESH. MESH TO BE WELDED TO ROOF SECURITY MESH AT ALL POINTS OF CONTACT

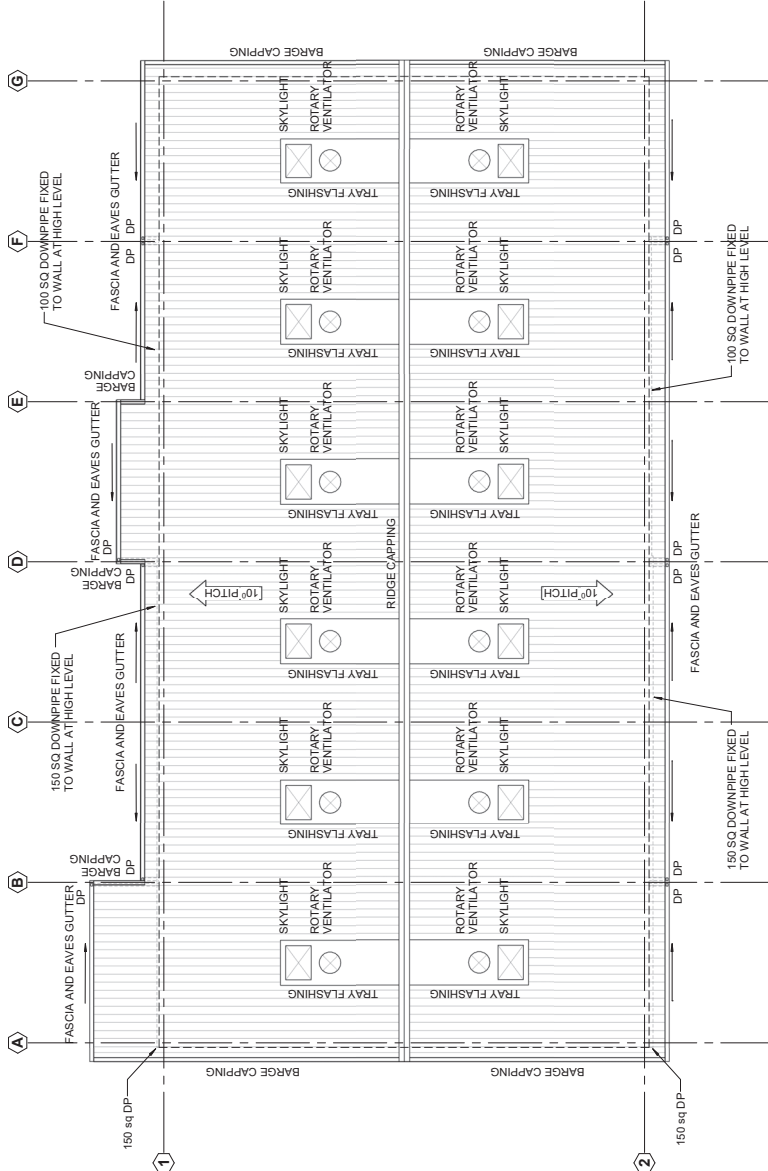
TRAY FLASHING
0.55 BMT STEEL SHEET TRAY OVER ROOF SHEETING EXTENDING TO US RIDGE CAPPING TURN UP UNDER RIDGE CAPPING. PROVIDE 16mm STEEL SHANKS DUCT TO US THRU ROOF. ROOF PROFILE AT BOTTOM. INSTALL SLEEVE TURNDOWN TO SUIT SKYLIGHT AND ROTARY VENTILATOR. COLORBOND FINISH

ROOF NOTES

- INSTALLATION OF ALL PRODUCTS TO BE STRICTLY IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION MANUALS
- ALL FIXINGS TO BE IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION AND COLOUR MATCHED WHERE VISIBLE
- ALL SEALANTS TO BE ADHERED TO AS SPECIFIED BY THE MANUFACTURER
- ENTIRE ROOF TO BE FULLY SARKED AND ANY GAPS TO BE SEALED
- ALL FLASHINGS, CAPPING AND GUTTERS TO BE COLORBOND FINISH
- TURN UP SHEET ENDS UNDER FLASHINGS AND DOWN INTO GUTTERS
- UNDER FLASHINGS AND CAPPING IN ACCORDANCE TO PROFILES
- UNDER FLASHINGS AND CAPPING TO BE MIN 200 WIDE AND HORIZONTAL LAPS TO BE 150 WIDE
- ROOF CONSTRUCTION TO BE IN ACCORDANCE WITH AS3959 'CONSTRUCTION OF BUILDINGS IN BUSHFIRE PRONE AREAS' TO ACHIEVE A MINIMUM BAL 12.5

ROOF ACCESS SYSTEM

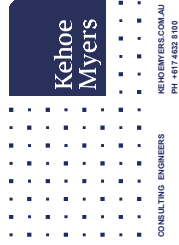
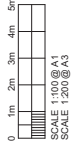
- INSTALL A PROPRIETARY ROOF ACCESS LANYARD SYSTEM TO ASSIST IN THE SAFE ACCESS AND MAINTENANCE OF THE WHOLE ROOFED AREAS. THE SYSTEM IS TO COMPLY WITH AS/NZS1891.1:1981.2
- ROOF ACCESS SYSTEM TO BE DESIGNED, INSTALLED AND CERTIFIED BY THE SUPPLIER/INSTALLER
- SUPPLIER/INSTALLER TO PROVIDE APPROPRIATE ROOF ACCESS SYSTEM AND SAFETY WARNING SIGNS IN ACCORDANCE WITH AS1657
- SUPPLIER/INSTALLER TO CONFIRM COMPLIANCE OF ROOF SAFETY SYSTEM WITH RELEVANT STANDARDS PRIOR TO INSTALLATION



MAXIMUM DESIGN RAINFALL INTENSITY 160mm/hr (Q20)

ROOF PLAN
SCALE 1: 100 @ A1

DRAWING ISSUE			
ISSUE	DATE	DETAILS	INITIALS
P1	13.10.23	PRELIMINARY	
P2	27.10.23	CLIENT REVIEW	
P3	28.11.23	CLIENT REVIEW	
A	20.12.23	ISSUED FOR CONSTRUCTION	



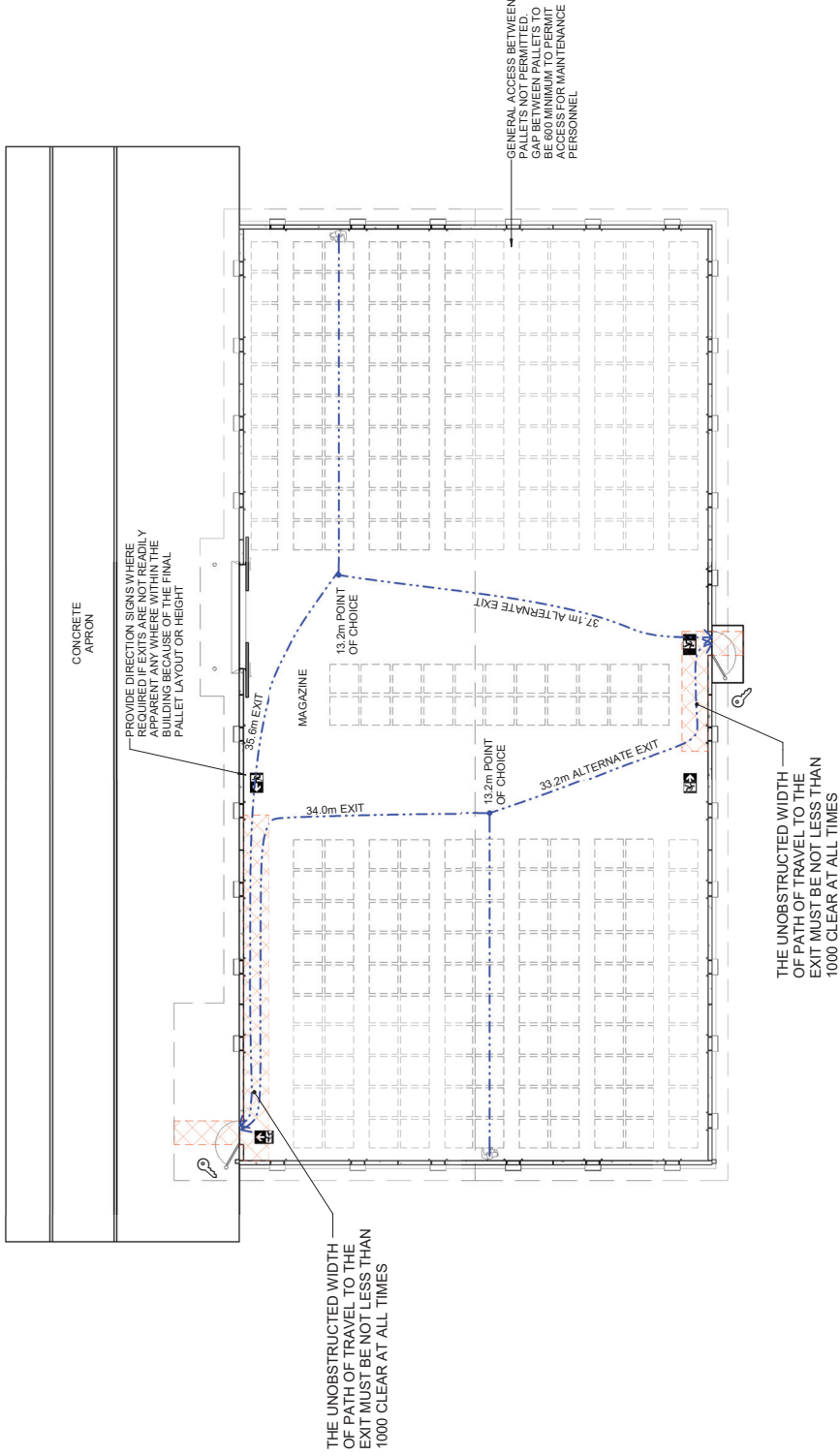
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PROJECT
TOCUMWAL MAGAZINES

DRAWING TITLE
FIRE SERVICES PLAN

DESIGN	ORIGINAL SIZE	A1
DRAWN <i>B.J.P</i>	PROJECT NUMBER	S223404
CHECKED <i>J.P</i>	DRAWING NUMBER	B12
APPROVED	ISSUE	A
DATE		



CLASS 7b EXPLOSIVE STORAGE, TYPE C CONSTRUCTION

FLOOR AREA 648.36 m²

FIRE SERVICES PLAN

SCALE 1:100 @ A1

LEGEND

	THE MAGAZINE RULES FOR THE OPERATION OF THIS BUILDING TO STATE THAT THIS MAGAZINE DOOR TO BE LOCKED IN OPEN POSITION BEFORE THE BUILDING CAN BE OCCUPIED AND FOR THE DURATION THAT THE BUILDING IS OCCUPIED, TO PERMIT COMPLAINT EGRESS
	EXIT TRAVEL DISTANCE 20m/40m ALTERNATE EXIT 60m

FIRE EXTINGUISHERS

- PROVIDE FIRE EXTINGUISHER ADJACENT SWITCHBOARD TO COMPLY WITH NCC AND AS2444

FIRE HOSE REEL AND EXTERNAL HYDRANT SYSTEM

- A VARIATION TO THE PROVISIONS OF THE APPROPRIATE BUILDING CODE TO BE OBTAINED TO ALLOW VARIATION TO ALLOW OMISSION OF A FIRE HOSE REEL SYSTEM FOR INITIAL EXTINGUISHING OF A FIRE WITHIN THE BUILDING AND THE PROVISION OF AN EXTERNAL FIRE HYDRANT
- DUE TO THE CONSIDERABLE RISK DETERMINES IT NECESSARY TO REMOVE ALL PERSONNEL TO A SAFE LOCATION IMMEDIATELY. HENCE THE FIRE CANNOT BE CONTAINED BY FIRST AND FIRE FIGHTING MEANS.
- DUE TO THE CONSIDERABLE RISK TO FIRE FIGHTERS, FIRE IN PROXIMITY TO THE BUILDING OR WITHIN THE BUILDING SHOULD NOT BE FOUGHT.
- THE BUILDING OR WITHIN THE BUILDING SHOULD NOT BE FOUGHT. REQUIREMENTS OF A SUITABLE FIRE HYDRANT SYSTEM.

BUILDING WORKS

B01	SITE PLAN
B02	FLOOR PLAN
B03	ELEVATIONS
B04	SECTIONS
B05	DETAILS
B06	WALL AND FLOOR FINISHES LAYOUT
B07	MAGAZINE DOOR D1 DETAILS
B08	MAGAZINE DOOR D2 DETAILS
B09	WALL VENT DETAILS
B10	REFLECTED CEILING PLAN
B11	ROOF PLAN
B12	FIRE SERVICES PLAN

STRUCTURAL

S01	NOTES
S02	FOOTING AND FLOOR SLAB LAYOUT
S03	PRECAST CONCRETE WALL PANEL LAYOUT AND DETAILS
S04	PRECAST CONCRETE WALL PANEL ELEVATIONS
S05	ROOF FRAMING LAYOUT
S06	SECTIONS
S07	ROOF FRAMING SECTIONS AND DETAILS

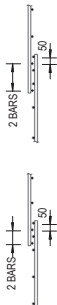
STRUCTURAL STEELWORK NOTES

1. MATERIAL AND CONSTRUCTION TO COMPLY WITH THE REQUIREMENTS OF:
 - AS4100 STEEL STRUCTURES
 - AS1554 SAA STRUCTURAL STEEL WELDING CODE.
2. ALL STRUCTURAL STEEL SECTIONS TO BE MINIMUM GRADE 300 AND COMPLY WITH:
 - AS1163, AS1594, AS3678 AND AS3679 U.N.O.

[illegible]

-

3. THE BUILDER IS TO PROVIDE ALL MISCELLANEOUS HOLES, CLEFTS, CRACKS, CRACKERS, SINKS ETC REQUIRED TO ENSURE NON-INTERFERENCE OF THE BRACING ELEMENTS (PERIMETER PENETRATIONS, RIPS AND VALLEYS ETC) WHETHER SPECIFICALLY SHOWN ON THE DRAWINGS OR NOT.
7. TEMPORARY BRACING NECESSARY TO STABILISE THE STRUCTURES DURING ERECTION SHALL BE PROVIDED BY THE CONTRACTOR. THE CONTRACTOR SHALL DESIGN, PROVIDE AND APPROVES THE PERMANENT BRACING ELEMENTS OF THE COMPLETED STRUCTURE.



8. ALL STRUCTURAL STEEL TO BE PROVIDED IN A RUST AND MILL SCALE FREE CONDITION. SURFACE PREPARED AS SPECIFIED BY THE PRIMER MANUFACTURER AND PAINTED WITH ONE (1) COAT OF ZINC PHOSPHATE. ALL STEEL TO BE PAINTED WITH ONE (1) COAT OF ZINC PHOSPHATE. BE FREE FROM PAINT UNTIL WEELDING IS COMPLETED AND CLEANED UP. ALL WELDING OF TUBULAR MEMBERS, HOT DIPPED GALVANIZED MEMBERS AND ASSOCIATED PLATES TO BE TOUCHED UP WITH 2 COATS OF COLD GALVANIZING PAINT AND FINISHED WITH CHROME SPRAY ENAMEL OR APPROVED EQUIVALENT. REFER ARCHITECTS SPECIFICATIONS FOR TREATMENT OF EXPOSED STEELWORK.

OR EQUIVALENT (COLOUR: GREY). AREAS F

10. ALL WELDING OF DURAGAL MEMBERS, NOT DIPPED GALVANIZED MEMBERS AND ASSOCIATED PLATES TO BE TOUCHED UP WITH 2 COATS OF HOT DIP GALVANIZING PAINT AND FINISHED WITH CHROME SPRAY ENAMEL OR APPROVED EQUIVALENT. REFER ARCHITECTS SPECIFICATIONS FOR TREATMENT OF EXPOSED STEELWORK.
11. CONCRETE ENCASED STEELWORK NOT TO BE PAINTED AND ENCASED IN CONCRETE WITH A STRENGTH OF ≥ 25 WITH 65mm COVER OR ADEQUATE TO SUIT FIRE RATING OR EXPOSURE CONDITIONS.
12. PROVIDE SEAL PLATES TO ALL HOLLOW SECTIONS, WITH 'BREATHER' HOLES IF MEMBER TO BE HOT DIPPED GALVANIZED.
 - HOT DIP GALVANIZING THICKNESS TO BE A MINIMUM OF:-
 - 400µm FOR MEMBERS > 5mm THICK (EQUIV. THICKNESS 85 µm)
 - 600µm FOR MEMBERS < 5mm THICK
13. OVERSEAS SOURCE STRUCTURAL STEEL IS NOT PERMITTED UNLESS THE STRUCTURAL STEEL MATERIAL SUPPLIER IS CERTIFIED BY ACS (AUSTRALIAN STANDARDS CERTIFICATION AND VERIFICATION OF REINFORCING, PRESSING AND STRUCTURAL STEELS) FOR THE PRODUCTION OF HIGH STRENGTH STEEL. ALL CERTIFICATES ARE TO BE SUBMITTED TO THE CLIENT. REFER TO www.aefederation.com FOR CURRENT CERTIFICATE HOLDERS.

REGION	A0
TERRAIN CATEGORY	T2
MS = 1.0 MT = 1.0 MC = 1.0	
AS1684.2 WIND CLASSIFICATION	N2
LIVE LOAD	0.25kPa UDL / 1.4kN PL
ROOF	0.00kPa UDL / 4.5kN PL
FLOOR	0.00kPa UDL / 4.5kN PL



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	CIVIL	STRUCTURAL	HYDRAULIC
1. Design of Reinforced Concrete Structures	■	■	■
2. Design of Steel Structures	■	■	■
3. Design of Masonry Structures	■	■	■
4. Design of Timber Structures	■	■	■
5. Design of Foundation Structures	■	■	■
6. Design of Bridge Structures	■	■	■
7. Design of Water Resources Structures	■	■	■
8. Design of Environmental Structures	■	■	■
9. Design of Geotechnical Structures	■	■	■
10. Design of Transportation Structures	■	■	■
11. Design of Industrial Structures	■	■	■
12. Design of Agricultural Structures	■	■	■
13. Design of Marine Structures	■	■	■
14. Design of Aerospace Structures	■	■	■
15. Design of Nuclear Structures	■	■	■
16. Design of Biomedical Structures	■	■	■
17. Design of Environmental Engineering Structures	■	■	■
18. Design of Chemical Engineering Structures	■	■	■
19. Design of Mechanical Engineering Structures	■	■	■
20. Design of Electrical Engineering Structures	■	■	■
21. Design of Computer Engineering Structures	■	■	■
22. Design of Systems Engineering Structures	■	■	■
23. Design of Management Engineering Structures	■	■	■
24. Design of Business Engineering Structures	■	■	■
25. Design of Social Engineering Structures	■	■	■
26. Design of Human Engineering Structures	■	■	■
27. Design of Environmental Health Engineering Structures	■	■	■
28. Design of Occupational Health Engineering Structures	■	■	■
29. Design of Public Health Engineering Structures	■	■	■
30. Design of Environmental Policy Engineering Structures	■	■	■
31. Design of Environmental Management Engineering Structures	■	■	■
32. Design of Environmental Impact Engineering Structures	■	■	■
33. Design of Environmental Quality Engineering Structures	■	■	■
34. Design of Environmental Risk Engineering Structures	■	■	■
35. Design of Environmental Policy Analysis Engineering Structures	■	■	■
36. Design of Environmental Policy Implementation Engineering Structures	■	■	■
37. Design of Environmental Policy Evaluation Engineering Structures	■	■	■
38. Design of Environmental Policy Monitoring Engineering Structures	■	■	■
39. Design of Environmental Policy Enforcement Engineering Structures	■	■	■
40. Design of Environmental Policy Compliance Engineering Structures	■	■	■
41. Design of Environmental Policy Enforcement Engineering Structures	■	■	■
42. Design of Environmental Policy Compliance Engineering Structures	■	■	■
43. Design of Environmental Policy Enforcement Engineering Structures	■	■	■
44. Design of Environmental Policy Compliance Engineering Structures	■	■	■
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81. Design of Environmental Policy Enforcement Engineering Structures	■	■	■
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83. Design of Environmental Policy Enforcement Engineering Structures	■	■	■
84. Design of Environmental Policy Compliance Engineering Structures	■	■	■

CLIENT

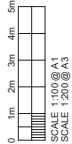


PROJECT
TOCUMWAL MAGAZINES

DRAWING TITLE

DESIGN	<i>KG</i>	ORIGINAL SIZE	A1
DRAWN	<i>BJP</i>	PROJECT NUMBER	S2223404
CHECKED	<i>JP</i>	DRAWING NUMBER	S01
APPROVED		ISSUE	A
DATE			

DRAWING ISSUE			INITIALS
ISSUE	DATE	DETAILS	
P1	13/03/23	PRELIMINARY	
P2	27/03/23	CLIENT REVIEW	
P3	28/03/23	CLIENT REVIEW	
A	28/03/23	ISSUED FOR TENDER	



STRIP FOOTING SCHEDULE		
MARK	SIZE	REINFORCEMENT
SF1	SUBJECT TO REINFORCEMENT INVESTIGATION	TO BE DETERMINED

BORED PIER SCHEDULE		
MARK	SIZE	REINFORCEMENT
BP1	4500 x 600 DEEP	MASS CONCRETE

NOT FOR CONSTRUCTION

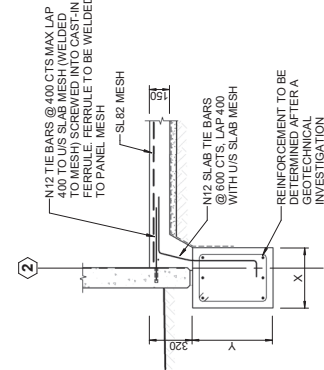
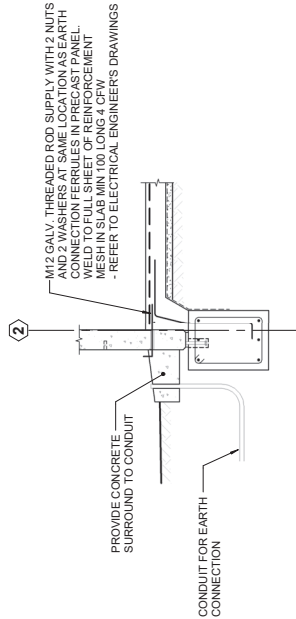
* SLAB AND FOOTING DESIGN IS INDICATIVE ONLY AND IS SUBJECT TO CHANGE ONCE GEOTECHNICAL INVESTIGATION REPORT IS UNDERTAKEN FOR EACH SITE AND ONCE CIVIL WORKS DESIGN HAS BEEN COMPLETED

FOOTING AND FLOOR SLAB LAYOUT

SCALE 1:100 @ A1

NOTE:
• ALL MESH CONTINUITY TO BE CHECKED TO EARTH CONNECTION POINT PRIOR TO POURING CONCRETE

NOTE:
• CONTRACTOR TO CONFIRM LOCATION AND DEPTH OF EXISTING FOUNDATIONS PRIOR TO EXCAVATING FOOTINGS. REFER TO SITE CIVIL WORKS LAYOUTS FOR APPROXIMATE LOCATION OF ALL KNOWN SERVICES.



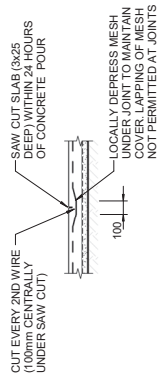
SECTION 1
SCALE 1:20 @ A1

SECTION 2
SCALE 1:20 @ A1

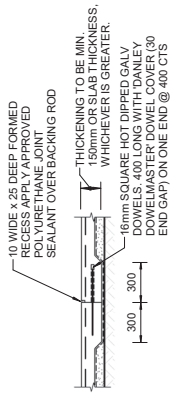
LEGEND

- * 175 THICK N32 SLAB 1 LAYER SL82 MESH 40 TOP COVER
- * 150 THICK SLAB 1 LAYER SL82 MESH TOP
• THE FLOOR SLAB HAS BEEN DESIGNED FOR A LOADING OF 5.0kPa UDL / 4.5kN PL
- * 100 THICK SLAB 1 LAYER SL82 MESH TOP
- * 300 WIDE x MIN 300 DEEP MASS CONCRETE
• SLAB JOINTS
• REFER TO TYPICAL DETAILS
- DJ, SJ, U
- FALL
- SLAB FALL

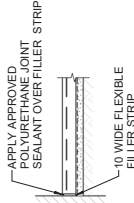
TYPICAL 'SJ' SAWN JOINT DETAIL



TYPICAL 'DJ' DOWEL JOINT DETAIL



TYPICAL 'U' ISOLATION JOINT DETAIL



DRAWING TITLE
FOOTING AND FLOOR SLAB LAYOUT

DESIGN	K/G	ORIGINAL SIZE	A1
DRAWN	B/J	PROJECT NUMBER	S2223404
CHECKED	J/P	DRAWING NUMBER	S02
APPROVED		DATE	

PROJECT
TOCUMMAL MAGAZINES

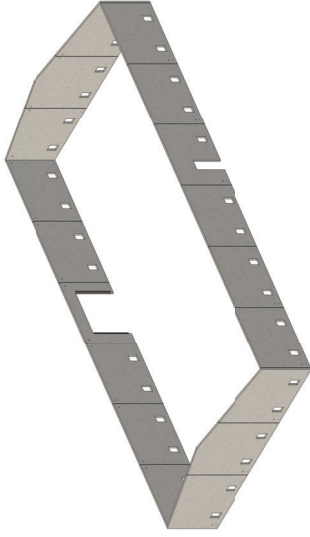
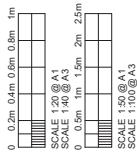
CIVIL | STRUCTURAL | HYDRAULIC
.....
.....
.....

CLIENT

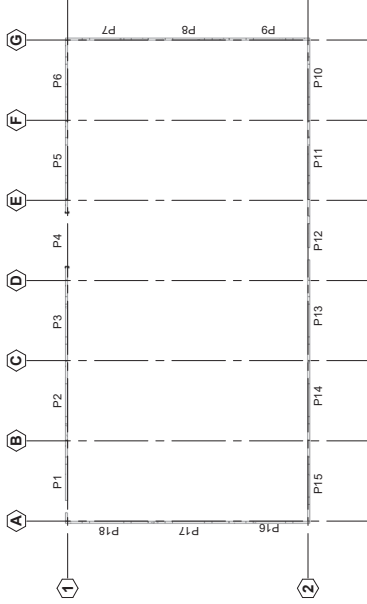


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DRAWING ISSUE			INITIALS
ISSUE	DATE	DETAILS	
P1	13.10.23	PRELIMINARY	
P2	27.02.23	CLIENT REVIEW	
P3	28.11.23	CLIENT REVIEW	
A	20.12.23	ISSUED FOR CONSTRUCTION	



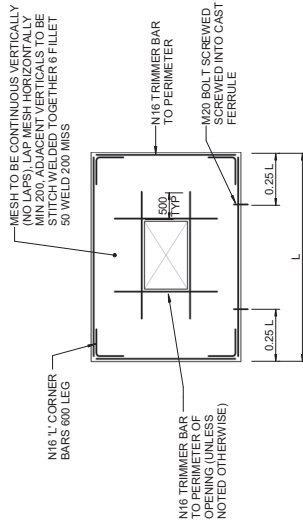
PRECAST WALL PANEL PERSPECTIVE
SCALE @ A1



150 THICK PANELS, 1 LAYER SL81 MESH PLACED CENTRAL

PRECAST WALL PANEL LAYOUT

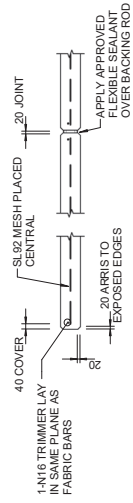
SCALE 1 : 200 @ A1



1 LAYER SL81 MESH CENTRAL

TYPICAL PANEL REINFORCEMENT

SCALE 1 : 50 @ A1



PANEL EDGE PANEL JOINT

TYPICAL PRECAST PANEL DETAILS

SCALE 1:20 @ A1

	CIVIL	STRUCTURAL	HYDRAULIC
1	■	■	■
2	■	■	■
3	■	■	■
4	■	■	■
5	■	■	■
6	■	■	■
7	■	■	■
8	■	■	■
9	■	■	■
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100	■	■	■

CLIENT

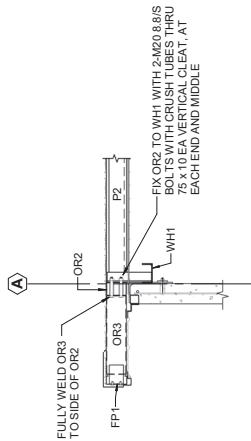
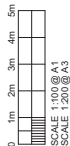


PROJECT
TOCUMWAL MAGAZINES

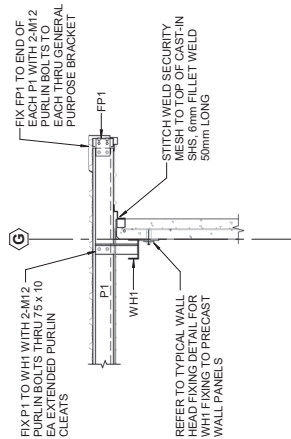
DRAWING TITLE
PRECAST CONCRETE WALL
PANEL LAYOUT AND DETAILS

DESIGN	<i>KG</i>	ORIGINAL SIZE	A1
DRAWN	<i>BJP</i>	PROJECT NUMBER	S2223404
CHECKED	<i>JP</i>	DRAWING NUMBER	S03
APPROVED		ISSUE	A

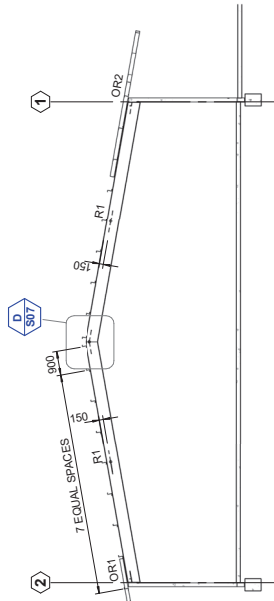
DRAWING ISSUE		INITIALS
ISSUE	DATE	DETAILS
P1	13/10/23	PRELIMINARY
P2	27/10/23	CLIENT REVIEW
P3	28/11/23	CLIENT REVIEW
A	20/12/23	ISSUED FOR CONSTRUCTION



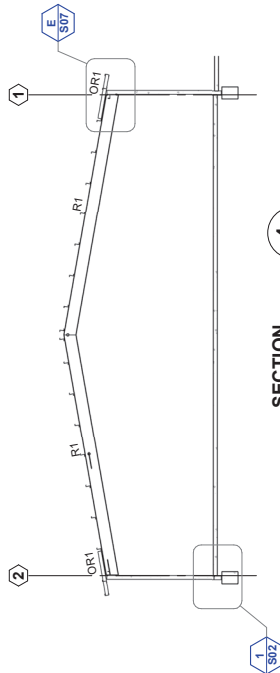
SECTION
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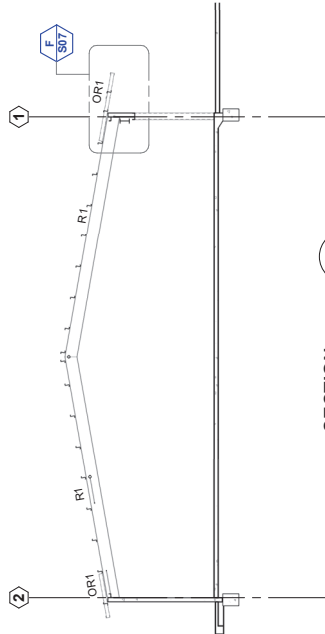
SECTION
SCALE 1 : 20 @ A1



SECTION
SCALE 1 : 100 @ A1



SECTION
SCALE 1 : 100 @ A1



SECTION 5
SCALE 1 : 100 @ A1
S05



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	CIVIL	STRUCTURAL	HYDRAULIC
1. <i>Water Resources Engineering</i>	•	•	•
2. <i>Water Supply Engineering</i>	•	•	•
3. <i>Sanitary Engineering</i>	•	•	•
4. <i>Hydrology</i>	•	•	•
5. <i>Hydrologic Engineering</i>	•	•	•
6. <i>Water Quality Engineering</i>	•	•	•
7. <i>Water Pollution Control</i>	•	•	•
8. <i>Water Distribution Engineering</i>	•	•	•
9. <i>Water Treatment Engineering</i>	•	•	•
10. <i>Water Resources Planning</i>	•	•	•
11. <i>Water Resources Management</i>	•	•	•
12. <i>Water Resources Economics</i>	•	•	•
13. <i>Water Resources Law</i>	•	•	•
14. <i>Water Resources Policy</i>	•	•	•
15. <i>Water Resources Administration</i>	•	•	•
16. <i>Water Resources Engineering</i>	•	•	•
17. <i>Water Resources Engineering</i>	•	•	•
18. <i>Water Resources Engineering</i>	•	•	•
19. <i>Water Resources Engineering</i>	•	•	•
20. <i>Water Resources Engineering</i>	•	•	•



PROJECT
TOCUMWAL MAGAZINES

DRAWING TITLE
SECTIONS

DESIGN	<i>KG</i>	ORIGINAL SIZE	A1
DRAWN	<i>BJF</i>	PROJECT NUMBER	S223404
CHECKED	<i>JP</i>	DRAWING NUMBER	S06
APPROVED		ISSUE	A
DATE			

DETAIL

SCALE 1 : 20 @ A1

A

S05

DETAIL

SCALE 1 : 20 @ A1

D

S06

DETAIL
SCALE 1:20 @ A1
E
S06

SECTION 8
SCALE 1:20 @ A1
S07

DETAIL

SCALE 1 : 20 @ A1

B

S05

TYPICAL ROOF BRACING ROD ANTI-SAG DETAIL

DETAIL
SCALE 1 : 20 @ A1

110
75
—10 PLATE WASHER WITH 50
LONG HORIZONTALLY
SLOTTED HOLE. FULLY
WELDED TO CLEAT
CENTERED AROUND BOLT.

TYPE 'A' WASHER

FIX WH1's TOGETHER
WITH 2-M20 8.8/S BOLTS
THRU 10 END PLATE

DETAIL

SCALE 1 : 20 @ A1

C

S05

150 SQ x 10 PLATE CLEAT
WALL HEAD FIXING FULLY
WELD TO WALL HEAD. FIX
WITH 1-M16 8.8S WITH TYPE
'A' WASHERS SCREWED INTO
CAST-IN FERRULES.

TYPE 'B' WASHER

TYPICAL WALL HEAD FIXING

SCALE 1:50 @ A1

DESIGN	K6	ORIGINAL SIZE	A1
DRAWN	BJP	PROJECT NUMBER	S223404
CHECKED	JP	DRAWING NUMBER	S07
APPROVED		ISSUE	A
DATE			