



**PLASO**

ARCHITECTURAL DRAWING LIST						
SHEET NO.	SHEET NAME	DESCRIPTION	CURRENT REV NO.	ISSUE DATE	DRAWN BY	CHECKED BY
A 0.1	COVER PAGE	IFC-1	1	10/01/23	SD	MR
A 0.2	GENERAL NOTES	IFC-1	1	10/01/23	SD	MR
A 0.3	SURVEY PLAN	IFC-1	1	10/01/23	SD	MR
A 1.1	SITE PLAN	IFC-1	1	10/01/23	SD	MR
A 2.1	GROUND FLOOR PLAN	IFC-1	1	10/01/23	SD	MR
A 2.4	ROOF PLAN	IFC-1	1	10/01/23	SD	MR
A 2.5	DFES PLANS	IFC-1	1	10/01/23	SD	MR
A 3.1	ELEVATIONS	IFC-1	1	10/01/23	SD	MR
A 3.2	ELEVATIONS & SECTIONS	IFC-1	1	10/01/23	SD	MR
A 5.1	DIS. TOILET DETAILS	IFC-1	1	10/01/23	SD	MR
A 5.2	AMB. TOILET DETAILS	IFC-1	1	10/01/23	SD	MR
A 6.5	CONSTRUCTION DETAILS	IFC-1	1	10/01/23	SD	MR
A 7.1	WINDOW/DOOR SCHEDULE	IFC-1	1	10/01/23	SD	MR
E 1.1	SITE ELECTRICAL PLAN	IFC-1	1	10/01/23	SD	MR
L 1.1	LANDSCAPE PLAN	IFC-1	1	10/01/23	SD	MR
L 1.2	LANDSCAPING DETAILS	IFC-1	1	10/01/23	SD	MR

Grand total: 16



Unit 1, 12 Haydock Street  
Forrestdale W.A 6112  
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**ISSUED FOR  
CONSTRUCTION**  
ISSUED BY SD 21/12/22

**Proposed Development  
For PLASO PTY LTD  
At Lot 259 (6) Alex Wood Drive, Forrestdale**

**GENERAL NOTES:**

**LIGHTING & VENTILATION NOTE:**  
ARTIFICIAL LIGHTING SYSTEM TO COMPLY WITH AS/NZS 1680.0 & JV3 ASSESSMENT REPORT  
MECHANICAL VENTILATION SYSTEM TO COMPLY WITH AS 1668.2 AND AS/NZS 3666.1

**GLAZING NOTE:**  
GLAZING TO COMPLY WITH AS 2047 REQUIREMENTS & JV3 ASSESSMENT REPORT

**BUSHFIRE MANAGEMENT NOTE:**  
BAL ASSESSMENT NOT APPLICABLE TO THIS SITE.  
REFER TO CURRENT MAP OF BUSHFIRE PRONE AREAS

**FUTURE WORKS LEGEND:**  
--- FUTURE WORKS AND PRELAYS ONLY SHOWN AS DASHED RED LINES, NOT PART OF THIS SUBMISSION SET

**CONCRETE NOTE:**  
CONTROL JOINTS TO ALL CONCRETE SURFACES AS PER STRUCTURAL ENGINEER'S DETAILS.  
MASTIC SEAL TO CONSTRUCTION JOINTS TO FLOOR SLABS "BY OTHERS"  
CONCRETE TO BE STANDARD MIX AS SPECIFIED

**ROOF SHEETING & AWNING CLADDING NOTE:**  
ROOF CLADDING WILL BE 0.47MM TCT ZINCALUME TRIMDEK (OR SIMILAR).  
AWNING CLADDING WILL BE COLORBOND REVERSE ROLLED 0.47MM TCT CUSTOM ORB ON A SLIGHT BEND, TO NATURAL BENDING OF SHEET. NO FLASHING, GUTTERS OR DOWN PIPES REQUIRED. REFER S.E.DESIGN FOR DETAILS  
ROOF INSULATION WILL BE FLETCHERS PERMASTOP BUILDING BLANKET R1.3 NOMINAL THICKNESS 55MM WITH LIGHT DUTY SILVER FOIL OVER SUITABLE ROOF SAFETY MESH  
SKYLIGHTS WILL BE 2400G PER SQ M OPAL ALSYNITE TRIMDEK INSTALLED OVER SAFETY MESH TO A MAXIMUM AREA OF 5% OF THE ROOF AREA  
ALLOWED FOR 8 OFF 450MM THROAT DIAMETER ZINCALUME WHIRLYBIRD VENTILATORS TO BE LOCATED ON THE ROOF OF THE WAREHOUSE/WORKSHOP

**DIMENSIONING NOTE:**  
ALL DIMENSIONS SHOWN ARE FINISHED DIMENSIONS UNLESS NOTED OTHERWISE.  
ALL AREAS AND VOLUMES SHOWN ARE APPROXIMATE ONLY. FINAL AREAS AND VOLUMES TO BE CHECKED ON SITE.

**DEMOLITION NOTE:**  
REFER CONTRACT SPECIFICATION FOR DEMOLITION WORKS FOR REMOVAL & STORAGE OF EXISTING SIGNAGE ON SITE AND WORKS RELATED TO ROAD, KERB AND FOOTPATH, ETC.

**WATERPROOFING & TILING NOTE:**  
ALL CERAMIC TILES AND ASSOCIATED MATERIALS USED ON THIS PROJECT WILL COMPLY WITH THE FOLLOWING AUSTRALIAN STANDARDS:  
AS/NZS 4801.2001 OH&S  
AS 3958.1.2007 CERAMIC TILE INSTALLATION  
AS 4662-2003 CERAMIC TILE CLASSIFICATION  
AS 3740 WATERPROOFING FOR WET AREAS - NCC PART F 1.7  
ALL SETDOWNS TO WET AREAS TO BE AS PER NCC AND AUSTRALIAN STANDARDS.  
"WATERPROOF" AND "WATER RESISTANT" FINISHES AS PER NCC VOL.1 TABLE F1.7 & AS 3740

**PRELAY NOTE:**  
ALL INGROUND PRELAYS SHOWN ON SITE ELECTRICAL PLAN E 1.1 AND A 1.1 SITE PLAN

**EMERGENCY LIGHTING & EXIT SIGNS NOTE:**  
EMERGENCY LIGHTING AND EXIT SIGNS TO COMPLY WITH AS/NZS 2293.1

**STORMWATER NOTE:**  
STORMWATER DRAINAGE TO COMPLY WITH AS/NZS 3500.3 AND TO CIVIL ENGINEER'S DESIGN

**ROOF NOTE:**  
METAL SHEET ROOFING TO COMPLY WITH AS1562.1  
SARKING TO COMPLY WITH AS/NZS 4200.1 AND AS 4200.2




**DAMP-PROOFING NOTE:**  
DAMP-PROOFING OF FLOORS ON GROUND TO COMPLY WITH AS2870 AS SPECIFIED













**ENERGY ASSESSMENT NOTE:**  
REFER TO JV3 REPORT BY SUSTAINABILITY WA

**ROLLER DOOR NOTE:**  
ROLLER DOORS TO BE MOTOR OPERATED, COLORBOND, INDUSTRIAL GRADE ROLLER DOORS IN THE LOCATIONS SHOWN ON THE DRAWINGS AS PER CONTRACT

**SURVEY NOTE:**  
REFER TO ORIGINAL SURVEY PLAN FROM LAND SURVEYS FOR DETAILED REVIEW.  
ANY DISCREPANCIES IDENTIFIED ON SITE SHALL BE COORDINATED WITH THE SURVEYORS.

**ELECTRICAL AND LIGHTING NOTE:**  
ALL ELECTRICAL, LIGHTING AND CONDUIT LAYOUTS TO BE APPROVED BY CLIENT PRIOR TO PROCEEDING WITH CONSTRUCTION

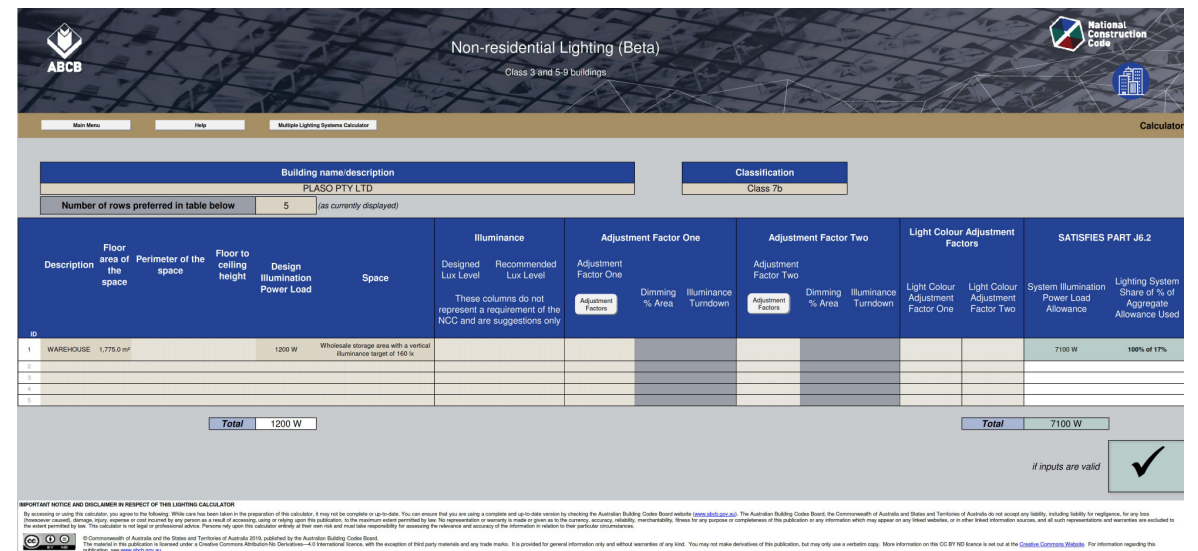
WALL LEGEND	
	175mm TILT UP CONCRETE PANEL
	<b>DRYLINING WALL (DLW)</b> DRYLINING WALL, FURRING CHANNELS OVER TILT PANEL WALLS WITH GYROCK LINING. NO INSULATION
	<b>STUD WALL (SW)</b> 76mm RONDO STEEL STUD WALL OR SIMILAR WITH 10mm FLUSH GYROCK LINING TO BOTH SIDES. NO INSULATION. AQUACHEK LINING TO WET AREAS (SHOWER) TO NCC TABLE F1.7

SITE PLAN LEGEND	
	PROPOSED BUILDINGS.
	EXISTING BUILDINGS.
	DRAINAGE EASEMENT
	FIRE HYDRANT (STREET HYDRANT & PROPOSED TWIN HEAD).
	WATER METER.
	FIRE METER.
	STREET LAMP.
	SEWER MAIN HOLE
	TELSTRA PIT
	EXISTING RETIC VALVE
	EXISTING WATER METER
	FIRE EXTINGUISHER

**GROOVE NOTE:**  
PANEL RECESSES (GROOVES) TO BE CAST INTO PANELS IN THE LOCATIONS SHOWN ON THE DRAWINGS INCLUDING TO THE PERIMETER OF THE AREAS DENOTED ON THE PLANS FOR FUTURE GLAZING CUT-OUTS IN FAÇADE ELEVATIONS

AREA SCHEDULE (GFA)			
NAME	AREA	LEVEL	CLASSIFICATION
CLASS 7B			
GF OFFICE & WAREHOUSE	1822 m <sup>2</sup>	GROUND FLOOR	CLASS 7B
CLASS 7B: 1	1822 m <sup>2</sup>		
Grand total: 1	1822 m <sup>2</sup>		

ROOM AREA & VOLUME					
ROOM NAME	AREA	VOLUME	LEVEL	FLOOR FINISH	COMMENTS
WAREHOUSE	1774 m <sup>2</sup>	15052.69 m <sup>3</sup>	GROUND FLOOR	U3 TROWELLED FINISH CONCRETE	
WH M TOI	8 m <sup>2</sup>	21.10 m <sup>3</sup>	GROUND FLOOR	TILES	
UNISEX UAT	6 m <sup>2</sup>	17.46 m <sup>3</sup>	GROUND FLOOR	TILES	
: 3	1788 m <sup>2</sup>	15091.26 m <sup>3</sup>			
Grand total: 3	1788 m <sup>2</sup>	15091.26 m <sup>3</sup>			



The screenshot shows the ABCB Non-residential Lighting (Beta) calculator interface. It includes a header with the ABCB logo and 'Non-residential Lighting (Beta) Class 3 and 5-9 buildings'. Below the header, there are input fields for 'Building name/description' (PLASO PTY LTD) and 'Classification' (Class 7b). A table with 10 columns is visible, including 'Description', 'Floor area of the space', 'Perimeter of the space', 'Floor to ceiling height', 'Design Illumination Power Load', 'Space', 'Illuminance', 'Adjustment Factor One', 'Adjustment Factor Two', 'Light Colour Adjustment Factors', and 'SATISFIES PART J6.2'. The table contains one row for 'WAREHOUSE' with a floor area of 1,774.0 m² and a total power load of 1200 W. A 'Total' row at the bottom shows a total power load of 1200 W.

**ISSUED FOR CONSTRUCTION**  
ISSUED BY SD 21/12/22

REV	DESCRIPTION	DWN	CHK	DATE
1	IFC-1	SD	MR	10/01/23
0	IFC	SD	MR	21/12/22
SCALE AS SHOWN @ A1. SCALE IS 50% @ A3	DO NOT SCALE OFF DRAWINGS	PLAN #:	REV:	
GENERAL NOTES		21/07/ A 0.2	1	



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Forrestdale W.A 6112  
Phone: (08) 9456 1955  
Fax: (08) 9456 1988  
Email:

**NOTES:**  
-ALL CONTRACTORS WORKING ON THIS PROJECT TO CHECK ALL DIMENSIONS AND NOTES PRIOR TO INITIATING ANY WORKS. ALL DISCREPANCIES TO BE NOTIFIED TO THE PROJECT MANAGER STRAIGHT AWAY.  
- THIS DRAWING MUST BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, REPORTS, CONTRACTS & DRAWINGS.  
-ALL BUILDING WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIRED AUSTRALIAN STANDARD AND THE NCC.

**GENERAL NOTES:**  
- REFER TO ENERGY REPORT FOR ALL ROOF, CEILING AND WALL INSULATION REQUIREMENTS.  
- ALL EXIT DOORS WITH ILLUMINATED SIGNS TO HAVE BRAILLE SIGNAGE. INSTALL BRAILLE/TACTILE SIGNAGE AS PER NCC CLAUSE D3.6 AND IN ACCORDANCE WITH AS 1428.1  
- VENTILATION, AIR-CONDITIONING AND MECHANICAL SYSTEM TO BE DESIGNED AND INSTALLED AS PER NCC AND AS 1668.2 REFER TO ENERGY REPORT PART J5 AND J6.  
- AIR CONDITIONING SYSTEMS TO BE CONFIRMED AT CONSTRUCTION STAGE. ALLOWANCE TO BE MADE FOR TUNDISH AND LOCATION TO BE CONFIRMED ON SITE.  
- CONCRETE WORKS TO COMPLY WITH AS3600 AND MASONRY WORKS TO COMPLY WITH AS 3700.

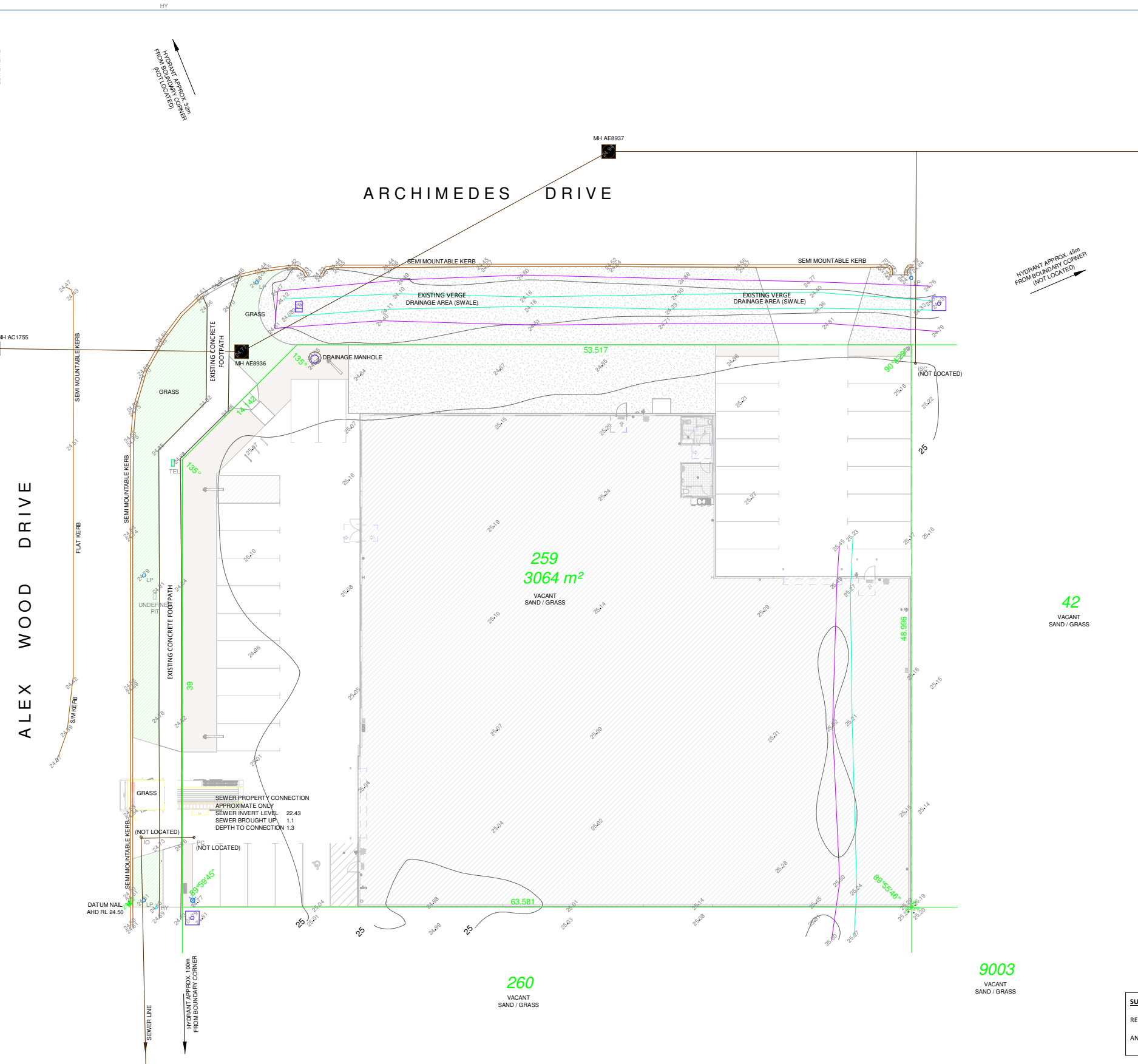
**ABBREVIATIONS:**  
- FE = FIRE EXTINGUISHER  
- FHR = FIRE HOSE REEL  
- COL = COLUMN  
- DP = DOWN PIPE  
- PJ = PANEL JOINT  
- HWU = HOT WATER UNIT  
- SC = SOLID CORE DOOR  
- HC = HOLLOWCORE DOOR

- SCT = SOLID CORE DOOR TOILET  
- HCT = HOLLOWCORE DOOR TOILET  
- FT = FIRE TRUCK  
- F/H = FIRE HYDRANT  
- H = IN GROUND HYDRANT  
- FW = FLOOR WASTE  
- MSSB = MAIN SITE SWITCH BOARD  
- MDB = MAIN DISTRIBUTION BOARD

- DB = DISTRIBUTION BOARD  
- MDF = MAIN DISTRIBUTION FRAME  
- IDF = INTERNAL DISTRIBUTION FRAME

**Proposed Development For PLASO PTY LTD**  
**At Lot 259 (6) Alex Wood Drive, Forrestdale**

SERVICE LEGEND			
<b>DRAINAGE</b>			
COMBO PIT			
GRATE			
SIDE ENTRY PIT			
STORM WATER MANHOLE			
<b>ELECTRICITY</b>			
CABLE MANHOLE			
CABLE PIT / BOX			
CABLE DOME			
CONSUMER POLE			
LIGHT POLE			
POWER POLE			
STAY POLE			
STAY WIRE ANCHOR			
OH POWER LINE			
<b>GAS</b>			
GAS MANHOLE			
GAS MARKER			
GAS METER			
GAS VALVE			
<b>SEWERAGE</b>			
SEWER MANHOLE			
PROPERTY CONNECTION			
SEWER LINE			
<b>TELECOMMUNICATION</b>			
TEL / COMMS MANHOLE			
TEL / COMMS MARKER			
TEL / COMMS PIT			
<b>WATER</b>			
FLUSH POINT			
HYDRANT			
STOP VALVE			
TAP			
WATER MARKER			
WATER METER			
WATER LINE			
<b>SURVEY</b>			
DATUM			
PEG FOUND			
<b>OTHER</b>			
AWNING / EAVES			
ROOF RIDGE			
FLOOR RL			
WINDOW / DOOR			
BANK - BOTTOM			
BANK - TOP			
<b>SERVICE RECORD</b>			
STATUS			
	LOCATED	AVAILABLE	NO SERVICE
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SERVICES MARKED CONFIRM REQUIRE BUILDER / CLIENT TO CONFIRM POSITION AND / OR AVAILABILITY ON SITE.			



**ISSUED FOR CONSTRUCTION**  
ISSUED BY SD 21/12/22

**SURVEY NOTE:**  
REFER TO ORIGINAL SURVEY PLAN FROM LAND SURVEYS FOR DETAILED REVIEW.  
ANY DISCREPANCIES IDENTIFIED ON SITE SHALL BE COORDINATED WITH THE SURVEYORS.

REV	DESCRIPTION	DWN	CHK	DATE
1	IFC-1	SD	MR	10/01/23
0	IFC	SD	MR	21/12/22

SCALE AS SHOWN @ A1. SCALE IS 50% @ A3  
DRAWING: SURVEY PLAN  
PLAN #: 21/07 / A 0.3  
REV: 1

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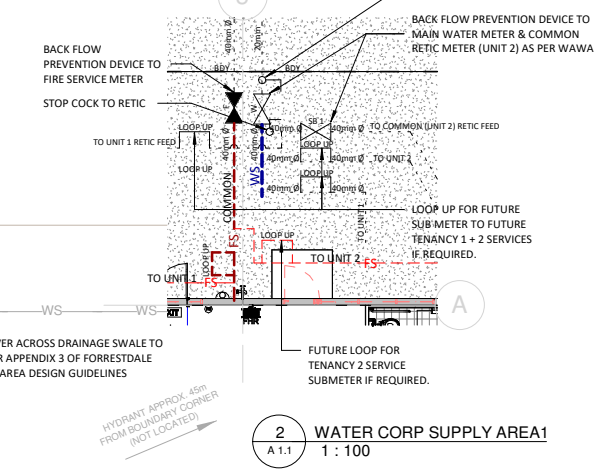
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- ALL EXIT DOORS WITH ILLUMINATED SIGNS TO HAVE BRAILLE SIGNAGE. INSTALL BRAILLE/TACTILE SIGNAGE AS PER NCC CLAUSE D3.6 AND IN ACCORDANCE WITH AS 1428.1  
- VENTILATION, AIR-CONDITIONING AND MECHANICAL SYSTEM TO BE DESIGNED AND INSTALLED AS PER NCC AND AS 1668.2 REFER TO ENERGY REPORT PART J5 AND J6.  
- AIR CONDITIONING SYSTEMS TO BE CONFIRMED AT CONSTRUCTION STAGE. ALLOWANCE TO BE MADE FOR TUNDRISH AND LOCATION TO BE CONFIRMED ON SITE.  
- CONCRETE WORKS TO COMPLY WITH AS3600 AND MASONRY WORKS TO COMPLY WITH AS 3700.

**ABBREVIATIONS:**  
- FE = FIRE EXTINGUISHER  
- FHR = FIRE HOSE REEL  
- COL = COLUMN  
- DP = DOWN PIPE  
- PJ = PANEL JOINT  
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**For PLASO PTY LTD**  
At Lot 259 (6) Alex Wood Drive, Forrestdale

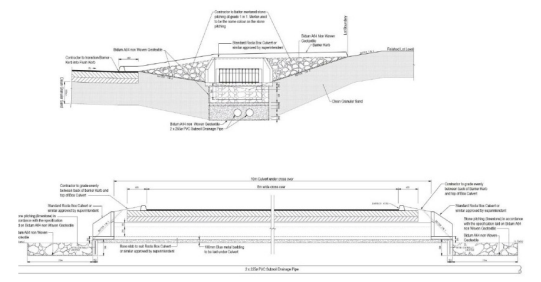
NOTE: LAYOUT IS SCHEMATIC ONLY.



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SERVICES LEGEND	
— WS — WS —	25mm WATER PIPE
- - - FS - - -	40mm WATER PIPE (FIRE)
— WS — WS —	40mm WATER PIPE
- - - FS - - -	25mm WATER PIPE (FIRE)
- - - SEWER - - -	100mm SEWER
- - - RETIC - - -	100mm RETIC
- - - SLEEVE - - -	150mm SW PIPE (UNDERGROUND)
- - - SLEEVE - - -	150mm SW PIPE (UNDERSLUNG ABOVE GROUND)

APPENDIX 3 - DRAINAGE SWALE CROSSOVER SPECIFICATION



FORRESTDALE PROJECT AREA DESIGN GUIDELINES:  
APPENDIX 3 - DRAINAGE SWALE CROSSOVER SPECIFICATION - INDICATIVE IMAGE SHOWN ABOVE, REFER TO ORIGINAL DRAWING FOR DETAILS

**FUTURE WORKS LEGEND:**  
- - - FUTURE WORKS AND PRELAYS ONLY SHOWN AS DASHED RED LINES, NOT PART OF THIS SUBMISSION SET

STANDARD NOTES - FLOOR AREA DEFINITIONS

**GFA:**  
ENTIRE BUILDING FOOTPRINT, INCLUDING THICKNESS OF WALLS, AMENITIES, SPACE OCCUPIED BY STAIRWELLS AND MEZZANINES (INSIDE THE BUILDING) AND BALCONIES AS APPLICABLE. WALL THICKNESS ARE NOT COUNTED FOR FIRST FLOOR AREAS UNLESS THE ENTIRE UNIT IS ON THE FIRST FLOOR.  
  
PLEASE NOTE FOR FINAL STRATA AREAS, AREAS OVER STAIRS WILL NOT BE COUNTED AND UNIT ENTITLEMENTS ARE CALCULATED TO THE CENTRELINE OF DIVIDING WALLS AND OUTSIDE FACE OF ALL WALLS THAT ARE NOT COMMON WALLS.  
  
PLEASE NOTE STRATA TITLING CAN BE ACHIEVED IN A NUMBER OF WAYS WHICH MAY AFFECT THE FINAL FLOOR AREA CALCULATION.  
  
**WORKING AREAS (FOR COUNCIL):**  
WORKING AREAS ARE CALCULATED FOR CARPARKING BASED ON THE RELATIVE COUNCIL SCHEME REQUIREMENTS. THE BASIS FOR CALCULATION VARIES BY COUNCIL AS DOES THE DEFINITION AND CARPARKING GENERATION RATE. GENERALLY WORKING AREAS WILL BE CALCULATED AS GLA WITH EXCLUSION OF THICKNESS OF MAIN AREA BOUNDING WALLS (NOT INTERNAL DIVIDING WALLS, eg OFFICE PARTITIONS) AMENITIES (KITCHENS, TOILETS, LAUNDRIES, SHOWERS, AND SERVICE PASSAGE), STAIRS, BIN AREAS, CUPBOARDS (eg STAIRS)  
  
ANY VARIANCE TO THIS WILL BE NOTED ACCORDINGLY  
  
**BUILDING CODE AREAS AND VOLUMES:**  
PLEASE NOTE BUILDING CODE (NCC) AREAS AND VOLUMES (FOR NCC COMPLIANCE) WILL BE CALCULATED IN ACCORDANCE WITH THE BUILDING CODE REQUIREMENTS. THE METHOD OF THIS CALCULATION VARIES DEPENDANT ON THE CIRCUMSTANCE.

**ISSUED FOR CONSTRUCTION**  
ISSUED BY SD 21/12/22



1 SITE PLAN  
A 3.2  
1 : 200

**DEVELOPMENT SUMMARY**

ZONING	SHIRE	ARMADALE (DEV.WA)
CLASSIFICATION	CLASS 7B	
CONSTRUCTION TYPE	TYPE 'B'	
ZONING	LIGHT INDUSTRY	
SITE AREA	3064m <sup>2</sup>	
BUILDING AREA (GFA)	1822m <sup>2</sup>	
BUILDING VOLUME	14854m <sup>3</sup>	

**PLOT RATIO**

ACHIEVED	1822m <sup>2</sup> / 3064m <sup>2</sup> = 59.4%
MAX = N/A	
<b>SITE COVERAGE</b>	1822m <sup>2</sup> / 3064m <sup>2</sup> = 59.4%
MAX = N/A	
<b>LANDSCAPING</b>	THERE IS TO BE A 3m LANDSCAPING STRIP TO ALL STREET FRONTS.
<b>BUSH FIRE PRONE AREA</b>	REFER TO DFES MAP OF BUSH FIRE PRONE AREAS 2015

**CARPARKING**

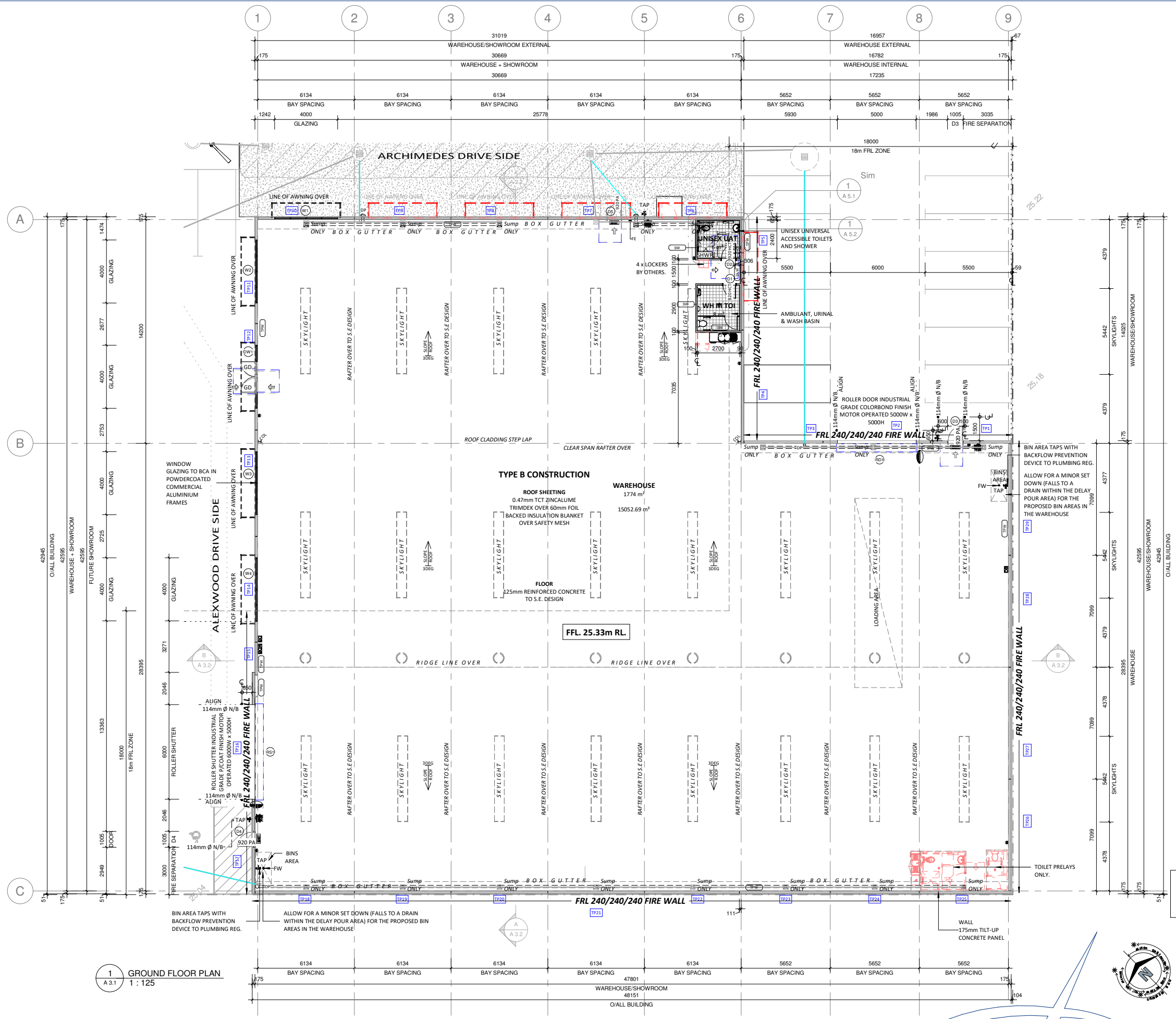
PROPOSED WAREHOUSE (NLA):	1 BAY PER 50m <sup>2</sup> 1578m <sup>2</sup> / 50 = 31.56 BAYS	TOTAL BAYS REQUIRED :	35.52 BAYS
PROPOSED SHOWROOM (NLA):	1 BAY PER 100m <sup>2</sup> 198m <sup>2</sup> / 50 = 3.96 BAYS	BAYS PROVIDED :	30 INCL DISABLED

Unit 1, 12 Haydock Street,  
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**Proposed Development**  
**For PLASO PTY LTD**  
**At Lot 259 (6) Alex Wood Drive, Forrestdale**

REV	DESCRIPTION	DWN	CHK	DATE
1	IFC-1	SD	MR	10/01/23
0	IFC	SD	MR	21/12/22

SCALE AS SHOWN @ A1. SCALE IS 50% @ A3 DO NOT SCALE OFF DRAWINGS  
DRAWING: PLAN #: REV:  
**SITE PLAN** 21/07/ A 1.1 1



1 GROUND FLOOR PLAN  
A 3.1  
1 : 125

**ISSUED FOR CONSTRUCTION**  
ISSUED BY SD 21/12/22

**FUTURE WORKS LEGEND:**  
--- FUTURE WORKS AND PRELAYS ONLY SHOWN AS DASHED RED LINES, NOT PART OF THIS SUBMISSION SET

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0	IFC	SD	MR	21/12/22

SCALE AS SHOWN @ A1. SCALE IS 50% @ A3  
DRAWING: PLAN #:  
**GROUND FLOOR PLAN**

DO NOT SCALE OFF DRAWINGS  
PLAN #:  
**21/07/ A 2.1**

REV: **1**

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**GENERAL NOTES:**  
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- ALL EXIT DOORS WITH ILLUMINATED SIGNS TO HAVE BRAILLE SIGNAGE. INSTALL BRAILLE/TACTILE SIGNAGE AS PER NCC CLAUSE D3.6 AND IN ACCORDANCE WITH AS 1428.1  
- VENTILATION, AIR-CONDITIONING AND MECHANICAL SYSTEM TO BE DESIGNED AND INSTALLED AS PER NCC AND AS 1668.2 REFER TO ENERGY REPORT PART 15 AND J6.  
- AIR CONDITIONING SYSTEMS TO BE CONFIRMED AT CONSTRUCTION STAGE. ALLOWANCE TO BE MADE FOR TUNDRISH AND LOCATION TO BE CONFIRMED ON SITE.  
- CONCRETE WORKS TO COMPLY WITH AS3600 AND MASONRY WORKS TO COMPLY WITH AS 3700.

**ABBREVIATIONS:**  
- FE = FIRE EXTINGUISHER  
- FHR = FIRE HOSE REEL  
- COL = COLUMN  
- DP = DOWN PIPE  
- PJ = PANEL JOINT  
- HWU = HOT WATER UNIT  
- SC = SOLID CORE DOOR  
- HC = HOLLOWCORE DOOR  
- SCT = SOLID CORE DOOR TOILET  
- HCT = HOLLOWCORE DOOR TOILET  
- FT = FIRE TRUCK  
- F/H = FIRE HYDRANT  
- H = IN GROUND HYDRANT  
- FW = FLOOR WASTE  
- DB = DISTRIBUTION BOARD  
- MDF = MAIN DISTRIBUTION FRAME  
- IDF = INTERNAL DISTRIBUTION FRAME

Unit 1.12 Haydock Street,  
Forrestdale W.A 6112  
Phone: (08) 9456 1955  
Fax: (08) 9456 1988  
Email:

**For PLASO PTY LTD**  
At Lot 259 (6) Alex Wood Drive, Forrestdale

**BCA F4.5 - VENTILATION OF ROOMS**

MECHANICAL VENTILATION TO COMPLY WITH AS 1668.2 & AS/NZS 3666.1

**BCA F4.6 - NATURAL VENTILATION CALCULATION**

DOOR OPENINGS:  
 D3 = 0.92 X 2.04 = 1.87m<sup>2</sup>  
 RD1 = 5 X 5 = 25m<sup>2</sup>  
 D5 = 0.92 x 2.04 = 1.87m<sup>2</sup>  
 DW1 = 1.934 X 2.356 = 4.55m<sup>2</sup>  
 RS1 = 6 X 5 = 30m<sup>2</sup>  
 D4 = 0.92 X 2.04 = 1.87m<sup>2</sup>

**TOTAL OPENING AREA PROVIDED = 65.16m<sup>2</sup>**

TOTAL REQUIRED = 5% OF 1775m<sup>2</sup> = 88.75m<sup>2</sup>

**SHORTFALL = 23.59m<sup>2</sup>** (88.75 - 65.16)

AS PER AS 1668.2 2012, TABLE A1 (PG.64)

FOR WAREHOUSES:  
 NET FLOOR AREA / PERSON = 20m<sup>2</sup> OCCUPANCY RATE  
 QUANTITY = 10 L/s/PERSON

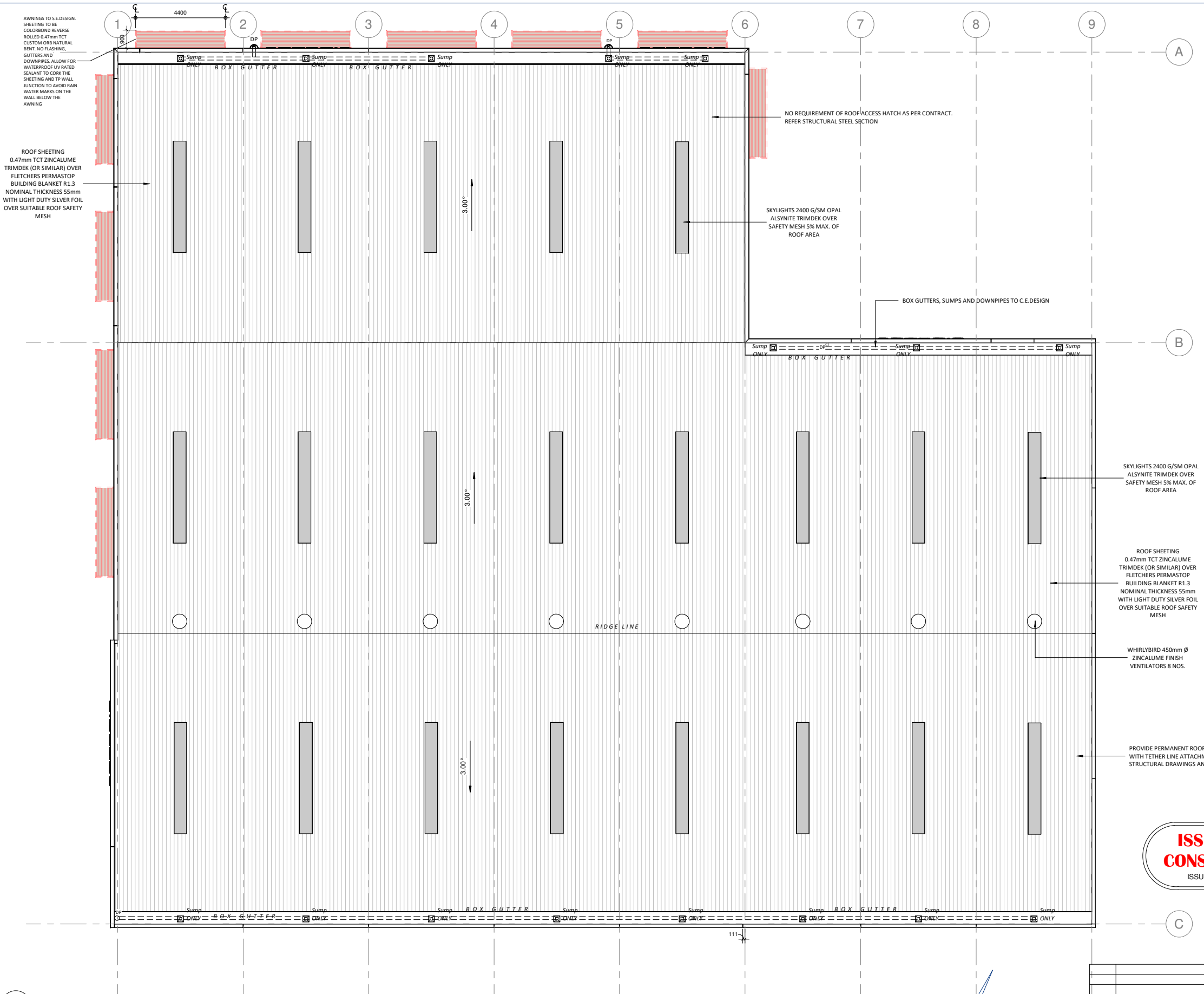
SHORTFALL OF 23.59m<sup>2</sup> = 23.59% SHORTFALL

23.59% OF 1775m<sup>2</sup> = 419m<sup>2</sup> AREA REQUIRING VENTILATION

AS PER OCCUPANCY RATE OF 20m<sup>2</sup> / PERSON  
 419 / 20 = 21 PERSONS

QUANTITY REQUIRED = 21 X 10 L/s = 210 L/s

PROVIDED:  
 1NO. OF 450mm DIA. ROTARY ROOF VENT AS SPECIFIED  
 PROVIDES 350 L/s OF AIRFLOW. TOTAL 8 NOS. OF ROOF VENTS  
 ARE PROVIDED = 8 X 350 = 2800 L/s



**ISSUED FOR CONSTRUCTION**  
 ISSUED BY SD 21/12/22

1 ROOF PLAN  
 A 3.1 1 : 100

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DRAWING: ROOF PLAN PLAN #: 21/07/ A 2.4 REV: 1



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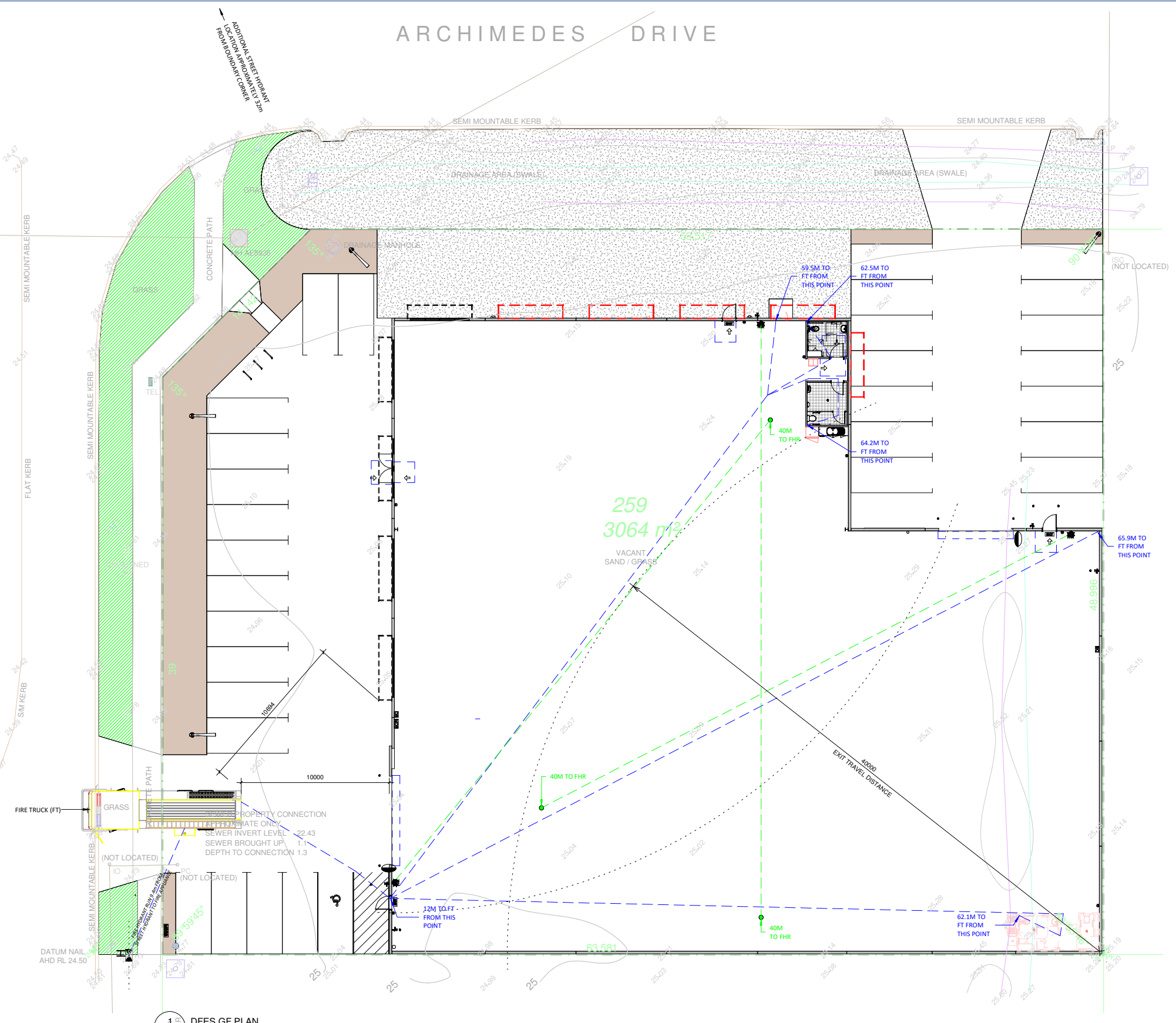
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**For PLASO PTY LTD**  
 At Lot 259 (6) Alex Wood Drive, Forrestdale

ARCHIMEDES DRIVE

MH AC1755

ALEX WOOD DRIVE



**ISSUED FOR CONSTRUCTION**  
ISSUED BY SD 21/12/22

1 DFES GF PLAN  
A3.2 1 : 150

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0	IFC	SD	MR	21/12/22

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DRAWING:	PLAN #:	REV:
DFES PLANS	21/07 / A 2.5	1

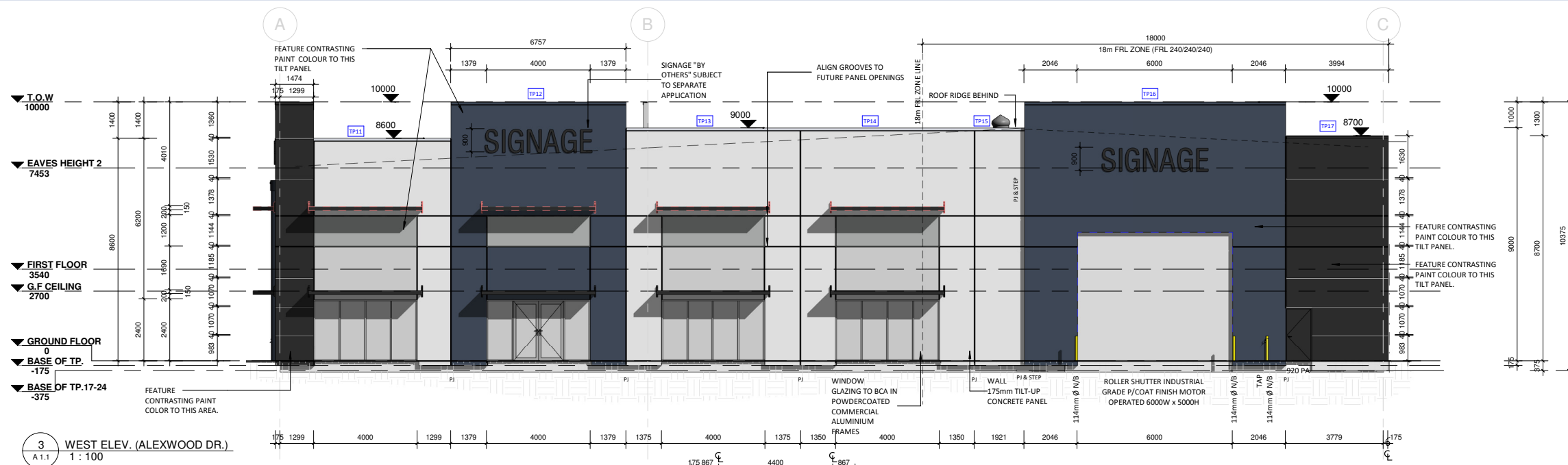
Unit 1.12 Haydock Street,  
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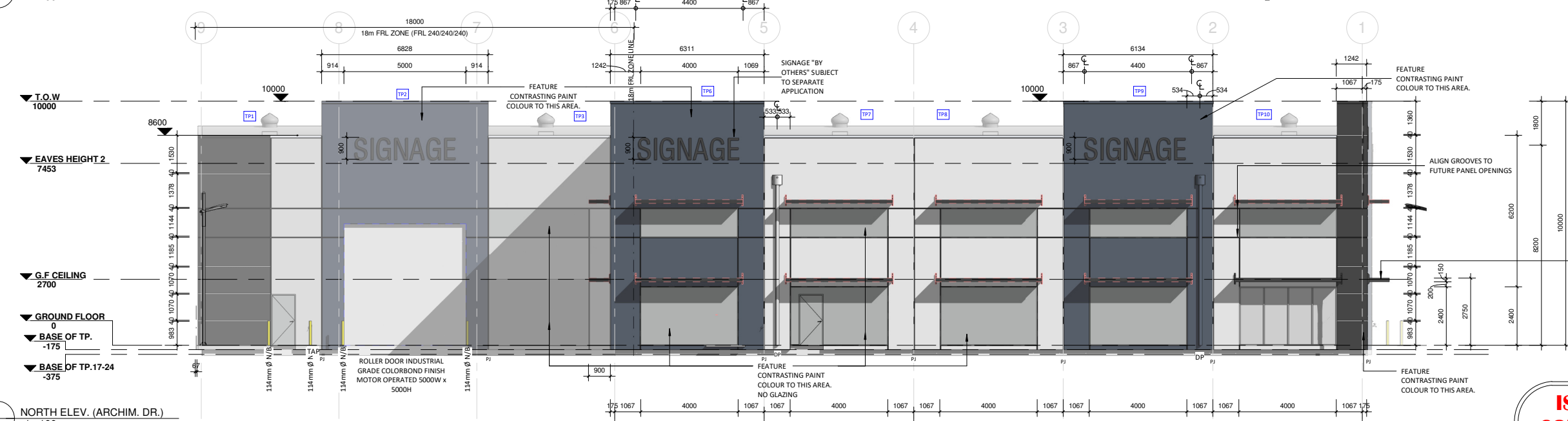
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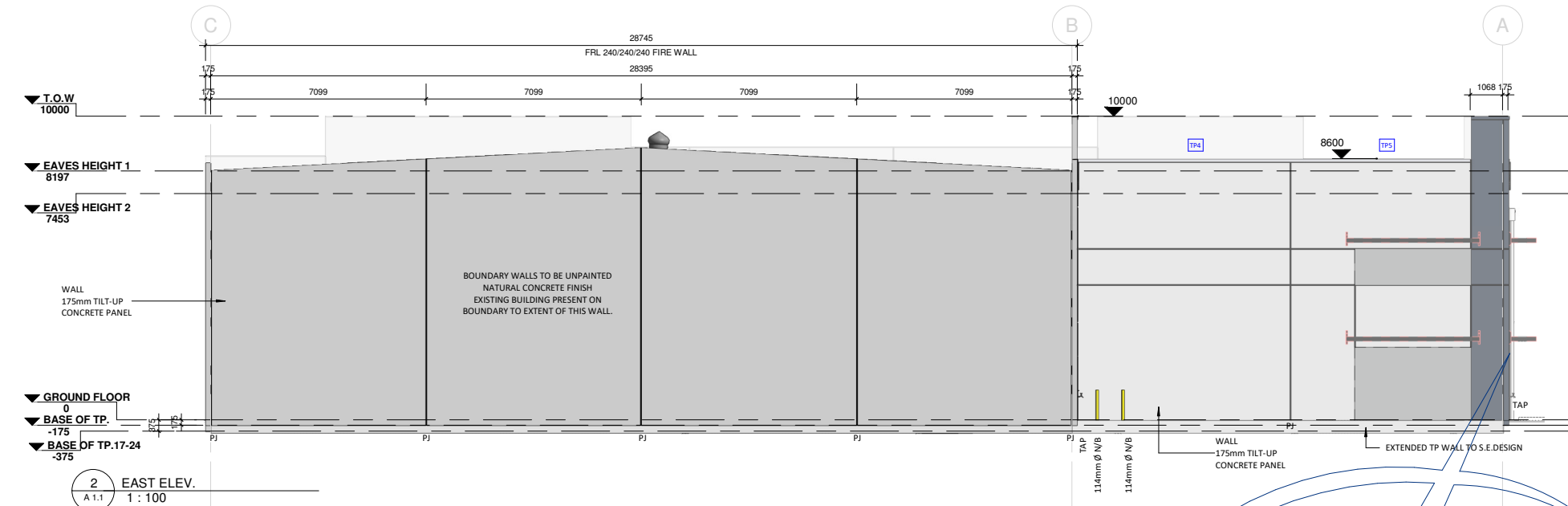
For PLASO PTY LTD  
At Lot 259 (6) Alex Wood Drive, Forrestdale



3 WEST ELEV. (ALEXWOOD DR.)  
A.1.1 1 : 100



1 NORTH ELEV. (ARCHIM. DR.)  
A.1.1 1 : 100



2 EAST ELEV.  
A.1.1 1 : 100

**ISSUED FOR CONSTRUCTION**  
ISSUED BY SD 21/12/22

**GROOVE NOTE:**  
PANEL RECESSES (GROOVES) TO BE CAST INTO PANELS IN THE LOCATIONS SHOWN ON THE DRAWINGS INCLUDING TO THE PERIMETER OF THE AREAS DENOTED ON THE PLANS FOR FUTURE GLAZING CUT-OUTS IN FAÇADE ELEVATIONS

COLOUR LEGEND		
SWATCHES	COLOUR	AREA USED
	COLORBOND DEEP OCEAN	EXTERNAL FEATURE SIGNAGE PANELS
	COLORBOND MONUMENT	EXTERNAL FEATURE @ BUILDING CORNERS WITH REVEALS, AWNING & WINDOW FRAMES, PA DOOR
	DULUX MODEST GREY	EXTERNAL BOUNDARY WALLS & FALSE OPENING FEATURE AREAS, PA DOOR
	COLORBOND SURFMIST	EXTERNAL WALLS WITH STREET FRONTAGES

**NOTE:** ALL SIGNAGE SUBJECT TO SEPARATE APPLICATION BY OTHERS.

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DRAWING: ELEVATIONS PLAN #: 21/07/ A 3.1 REV: 1

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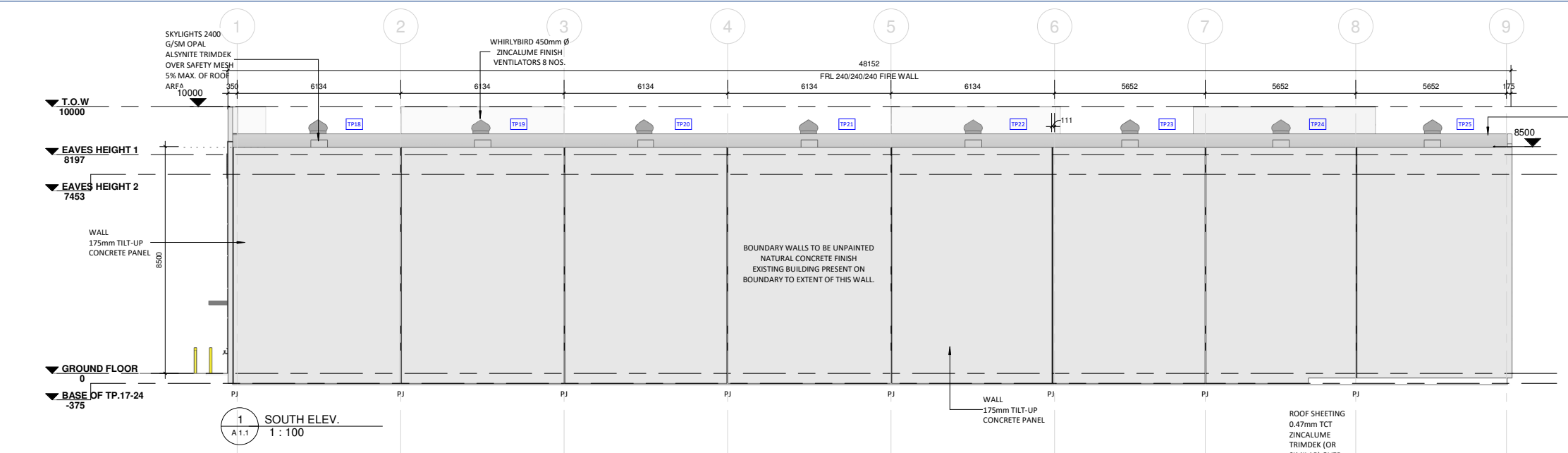
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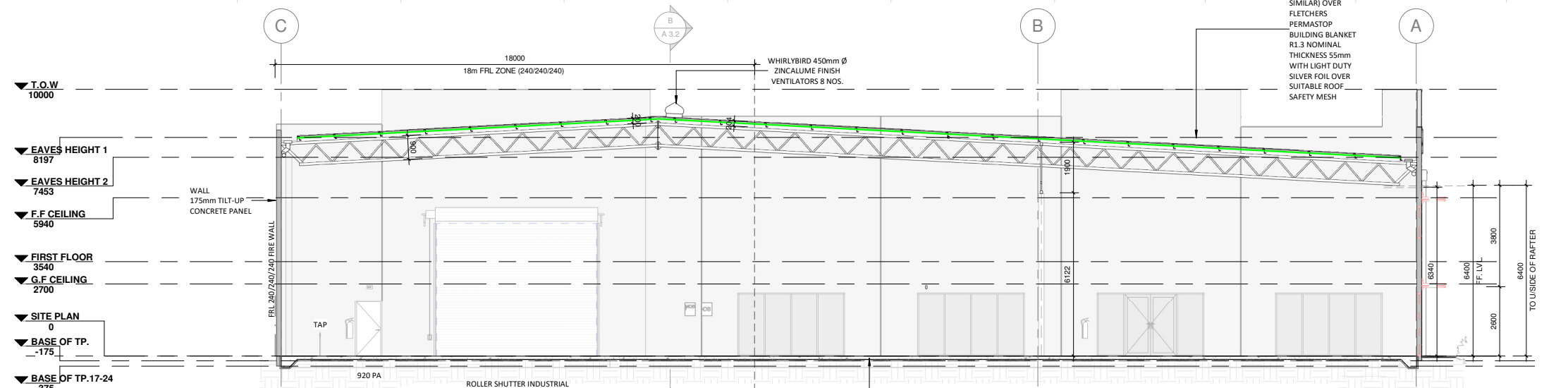
**For PLASO PTY LTD**  
At Lot 259 (6) Alex Wood Drive, Forrestdale





1 SOUTH ELEV.  
A.1.1  
1 : 100

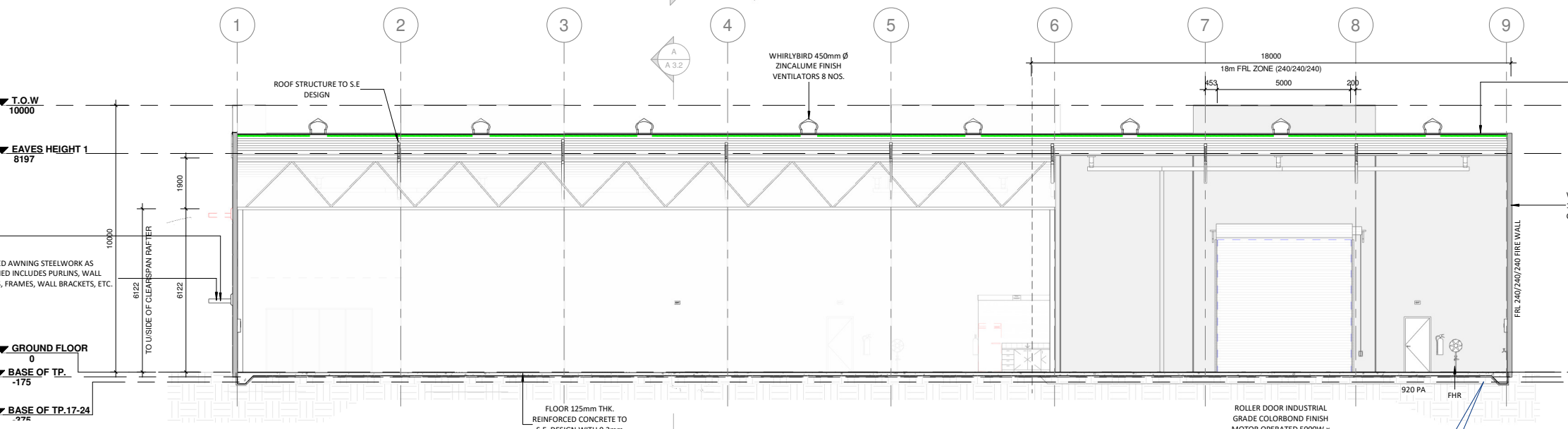
ROOF SHEETING  
0.47mm TCT ZINCALUME  
TRIMDEK (OR SIMILAR) OVER  
FLETCHERS PERMASTOP  
BUILDING BLANKET R1.3  
NOMINAL THICKNESS 55mm  
WITH LIGHT DUTY SILVER FOIL  
OVER SUITABLE ROOF SAFETY  
MESH



A CROSS-SECTION A-A  
A.2.1  
1 : 100

NOTE: STRUCTURAL MEMBER  
CLEARANCE SUBJECT TO S.E. DESIGN.

NOTE: MINIMUM CLEARANCE  
UNDER UNDERSLUNG DOWNPIPE IS  
TO BE 6340. TO AVOID CONFLICT  
WITH FUTURE 1ST FLOOR OFFICE  
FITOUT.



B CROSS-SECTION B-B  
A.2.1  
1 : 100

ROOF SHEETING  
0.47mm TCT  
ZINCALUME  
TRIMDEK (OR  
SIMILAR) OVER  
FLETCHERS  
PERMASTOP  
BUILDING BLANKET  
R1.3 NOMINAL  
THICKNESS 55mm  
WITH LIGHT DUTY  
SILVER FOIL OVER  
SUITABLE ROOF  
SAFETY MESH

**ISSUED FOR  
CONSTRUCTION**  
ISSUED BY SD 21/12/22

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DRAWING: ELEVATIONS & SECTIONS		PLAN #:	REV:	
		21/07/ A 3.2	1	

AWNINGS TO S.E. DESIGN.  
SHEETING TO BE  
COLORBOND REVERSE  
ROLLED 0.47mm TCT  
CUSTOM ORN NATURAL  
BENT. NO FLASHING.  
GUTTERS AND  
DOWNPIPES ALLOW FOR  
WATERPROOF BY BATED  
SEALANT TO CORK THE  
SHEETING AND TP WALL  
JUNCTION TO AVOID RAIN  
WATER MARKS ON THE  
WALL BELOW THE  
AWNING.

PAINTED AWNING STEELWORK AS  
SPECIFIED INCLUDES PURLINS, WALL  
PLATES, FRAMES, WALL BRACKETS, ETC.

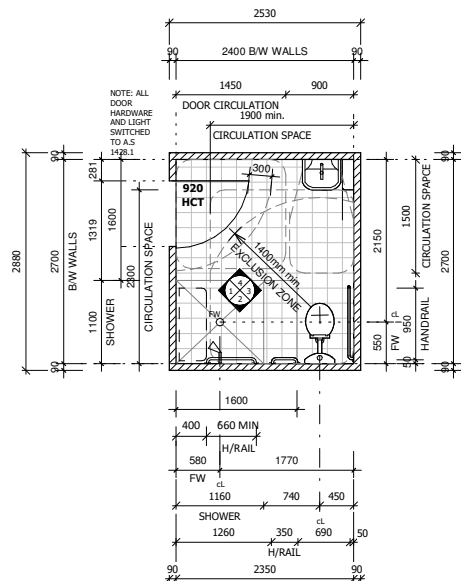
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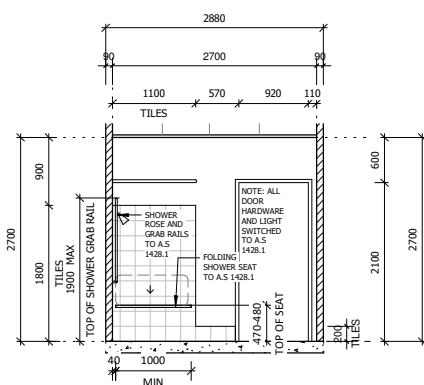
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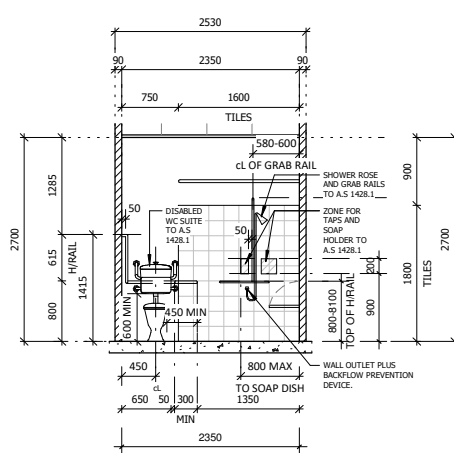
**For PLASO PTY LTD**  
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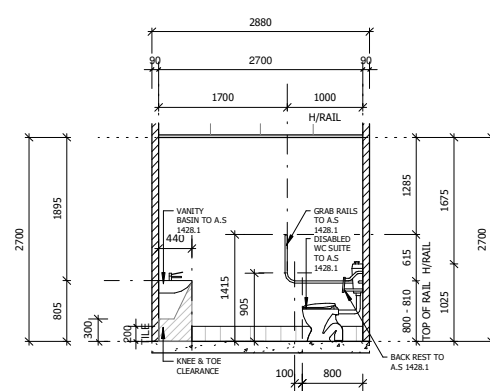
1 **DISABLED WC LAYOUT**  
1:50



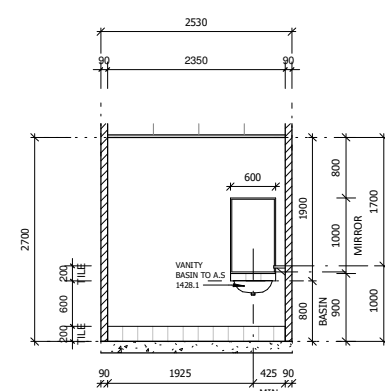
2 **INTERNAL ELEVATION 1**  
1:50



3 **INTERNAL ELEVATION 2**  
1:50



4 **INTERNAL ELEVATION 3**  
1:50



5 **INTERNAL ELEVATION 4**  
1:50

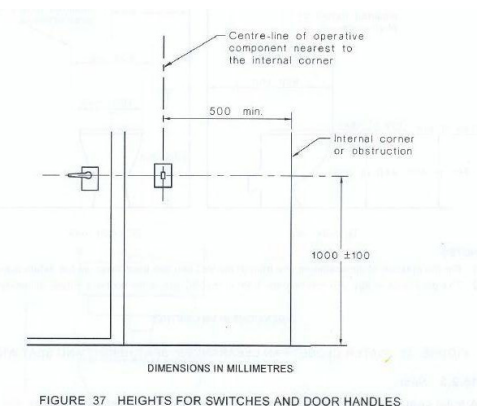
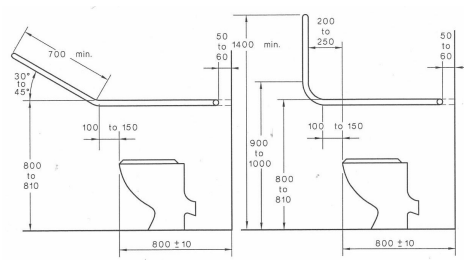
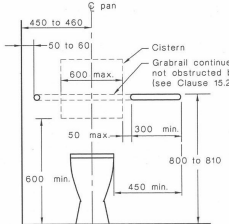


FIGURE 37 HEIGHTS FOR SWITCHES AND DOOR HANDLES



(a) Side view showing optional systems for grabrail at sides of pan



(b) Grabrail at back of pan and sectional view of grabrail at side of pan

FIGURE 42 POSITIONS OF GRABRAILS IN WATER CLOSETS

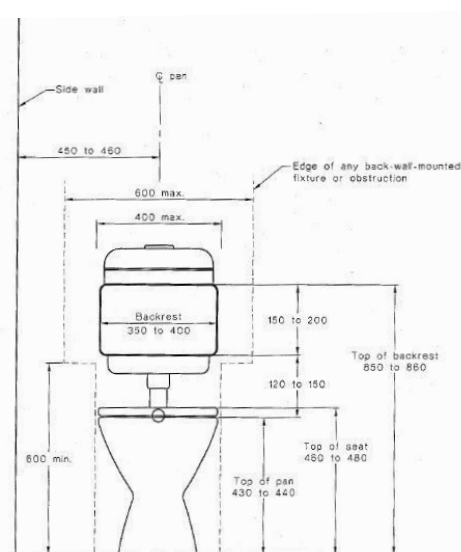


FIGURE 39 (in part) WATER CLOSET INSTALLATION

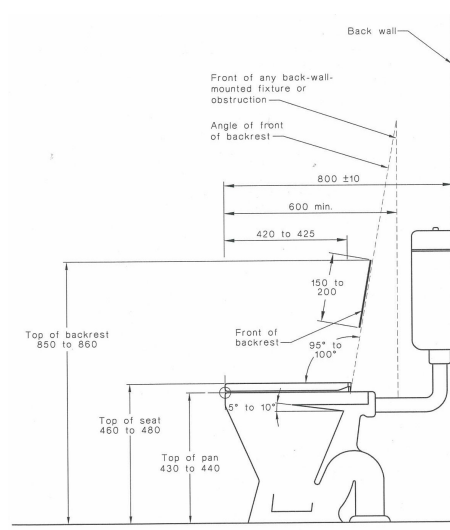


FIGURE 39 (in part) WATER CLOSET INSTALLATION

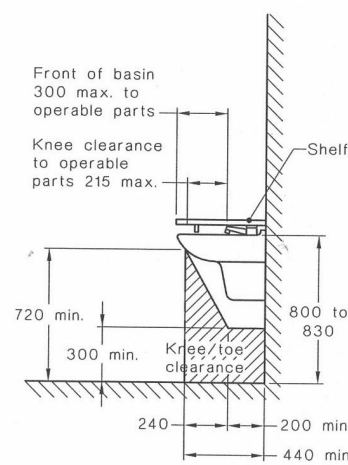
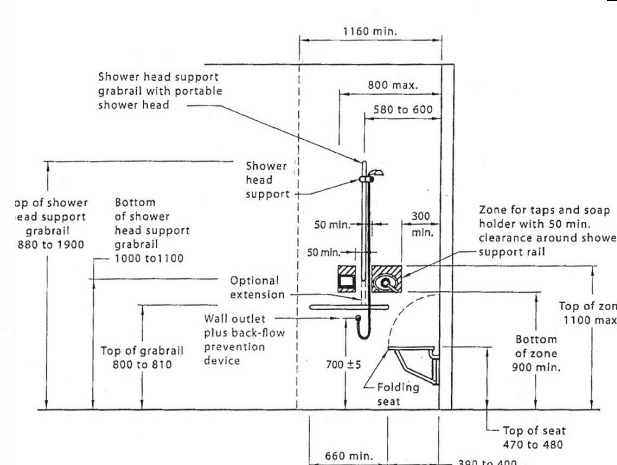


FIGURE 44 (B) WALL MOUNTED WASH BASIN INSTALLATION-OTHER THAN FOR SOLE OCCUPANCY UNIT



SHOWER RECESS FITTINGS - ELEVATION

**UNISEX DISABLED TOILET FIXTURES NOTES:**  
INSTALL ALL PLUMBING FITTINGS & FIXTURES TO MEET THE REQUIREMENTS OF AS 1428.1 - 2009 (DESIGN FOR ACCESS & MOBILITY)

- DOOR TOILET:** 920 x 2040 LIFT OFF HINGES PRIVACY SET HANDLES "CAROMA" CARE 100 TOILETSUITE
- BASIN:** R.A.K LARA WALL BASIN
- HANDRAILS:** K CARE STAINLESS STEEL TYPE 03RAS 1 - TYPE 03 LAS
- HOLDER:** STANDARD TYPE HOLDER TO BE MOUNTED MAX 700 AFFL
- FOLDING SEAT:** CON-SERVE 960 x 400 S5964
- SHelf:** MINIMUM 400 x 150
- BACKREST:** SAFE-ASSIST BR-400
- MIRROR:** 600mm WIDE x 900mm HIGH MIRROR INSTALLED 900mm FROM FFL DIRECTLY OVER THE SINK.
- CLOTHES HANGING DEVICE/HOOKS:** HOOKS TO BE INSTALLED 1200mm TO 1350mm ABOVE THE PLANE OF THE F AND NOT LESS THAN 500mm OUT FROM ANY INTERNAL CORNER.
- SWITCHES:** ALL SWITCHES AND CONTROLS ON AN ACCESSIBLE PATH OF TRAVEL OTHER THAN GENERAL PURPOSE OUTLETS, SHALL BE LOCATED NOT LESS THAN 900mm NOR MORE THAN 1100mm ABOVE THE PLANE OF THE FINISHED FLOOR AND NOT LESS THAN 500mm FROM INTERNAL CORNERS EXCEPT WHERE ON THE ARCHITRAVE ON THE LATCH SIDE.
- WATER TAPS:** TO HAVE EITHER LEVER HANDLES, SENSOR PLATES OR SIMILAR CONTROLS.
- BRAILLE:** FACILITIES SHALL BE IDENTIFIED BY THE USE OF RAISED TEXT, BRAILLE AND SYMBOLS IF REQUIRED. THE IDENTIFICATION SHALL BE BETWEEN 1200mm AND 1600mm ABOVE FINISHED FLOOR LEVELS.

**DOORWAYS, DOORS & CIRCULATION SPACE AT DOORWAYS**  
ALL DOORWAYS SHALL HAVE A MINIMUM LUMINANCE CONTRAST OF 30% PROVIDED BETWEEN-

- DOOR LEAF & DOOR JAMB
- DOOR LEAF & ADJACENT WALL
- ARCHITRAVE & WALL
- DOOR LEAF & ARCHITRAVE, OR
- DOOR JAMB & ADJACENT WALL

- WC SEAT TO HAVE A MINIMUM LUMINANCE OF 30% FROM THE FLOOR.  
- BRAILLE SIGNAGE MUST BE LOCATED NOT LESS THAN 1200mm AND NOT HIGHER THAN 1600mm FROM F.F.L 500mm FROM EDGE OF DOOR.  
- ALL LIGHT SWITCHES TO BE INSTALLED NOT HIGHER THAN 1m FROM THE F.F.L

**ISSUED FOR CONSTRUCTION**  
ISSUED BY SD 21/12/22

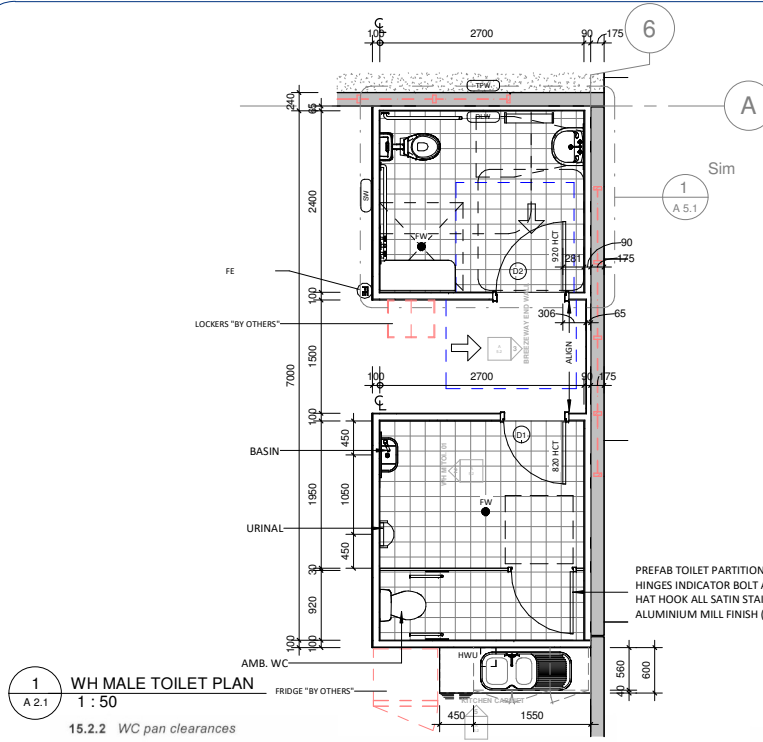
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1	IFC-1	SD	MR	10/01/23
0	IFC	SD	MR	21/12/22

SCALE AS SHOWN @ A1. SCALE IS 50% @ A3 DO NOT SCALE OFF DRAWINGS  
DRAWING: DIS. TOILET DETAILS PLAN #: 21/07/ A 5.1 REV: 1

**NOTES:**  
- ALL CONTRACTORS WORKING ON THIS PROJECT TO CHECK ALL DIMENSIONS AND NOTES PRIOR TO INITIATING ANY WORKS.  
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- ALL BUILDING WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIRED AUSTRALIAN STANDARD AND THE NCC.

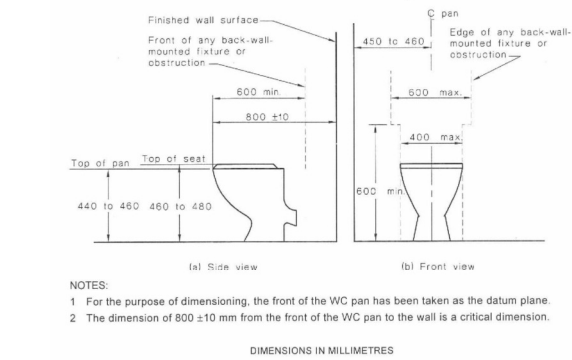
**GENERAL NOTES:**  
- REFER TO ENERGY REPORT FOR ALL ROOF, CEILING AND WALL INSULATION REQUIREMENTS.  
- ALL EXIT DOORS WITH ILLUMINATED SIGNS TO HAVE BRAILLE SIGNAGE. INSTALL BRAILLE/TACTILE SIGNAGE AS PER NCC CLAUSE D3.6 AND IN ACCORDANCE WITH AS 1428.1  
- VENTILATION, AIR-CONDITIONING AND MECHANICAL SYSTEM TO BE DESIGNED AND INSTALLED AS PER NCC AND AS 1668.2 REFER TO ENERGY REPORT PART 15 AND 16.  
- AIR CONDITIONING SYSTEMS TO BE CONFIRMED AT CONSTRUCTION STAGE. ALLOWANCE TO BE MADE FOR TUNING AND LOCATION TO BE CONFIRMED ON SITE.  
- ALL CONCRETE WORKS TO COMPLY WITH AS3600 AND MASONRY WORKS TO COMPLY WITH AS 3700.

**ABBREVIATIONS:**  
- FE = FIRE EXTINGUISHER  
- FHR = FIRE HOSE REEL  
- COL = COLUMN  
- DP = DOWN PIPE  
- PJ = PANEL JOINT  
- HWU = HOT WATER UNIT  
- SC = SOLID CORE DOOR  
- HC = HOLLOWCORE DOOR  
- SCT = SOLID CORE DOOR TOILET  
- HCT = HOLLOWCORE DOOR TOILET  
- FT = FIRE TRUCK  
- F/H = FIRE HYDRANT  
- H = IN GROUND HYDRANT  
- FW = FLOOR WASTE  
- MSSB = MAIN SITE SWITCH BOARD  
- MDB = MAIN DISTRIBUTION BOARD  
- DB = DISTRIBUTION BOARD  
- MDF = MAIN DISTRIBUTION FRAME  
- IDF = INTERNAL DISTRIBUTION FRAME

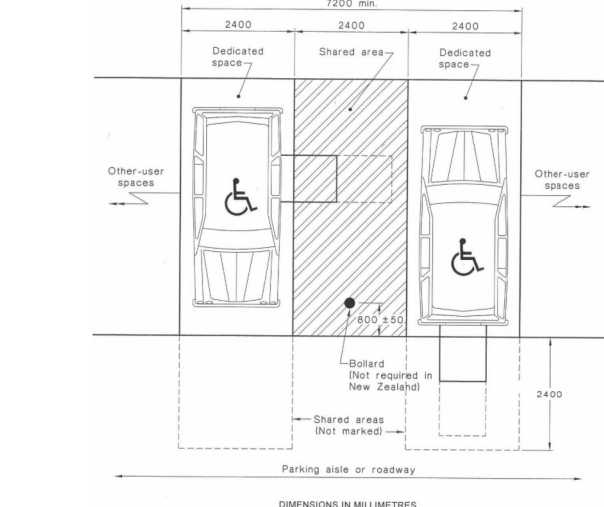


**1 WH MALE TOILET PLAN**  
A 2.1  
1:50

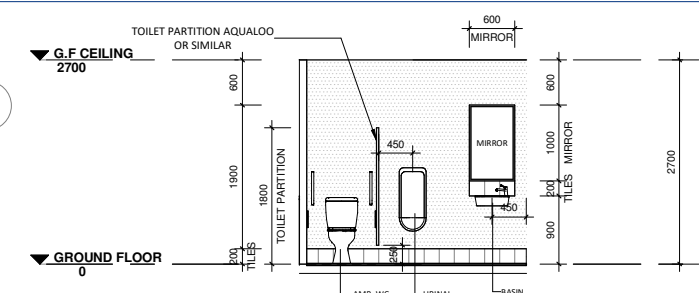
15.2.2 WC pan clearances  
WC pan clearances, including set-out, seat height and seat width shall be as shown in Figure 38.



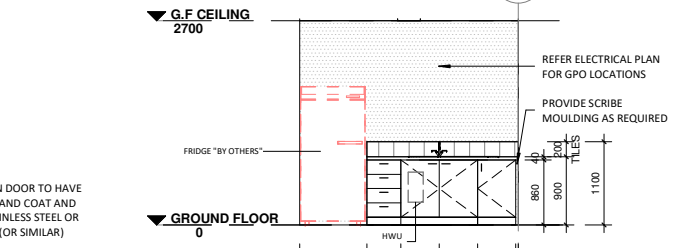
**FIGURE 38 WATER CLOSET PAN CLEARANCES, SEAT HEIGHT AND SEAT WIDTH**



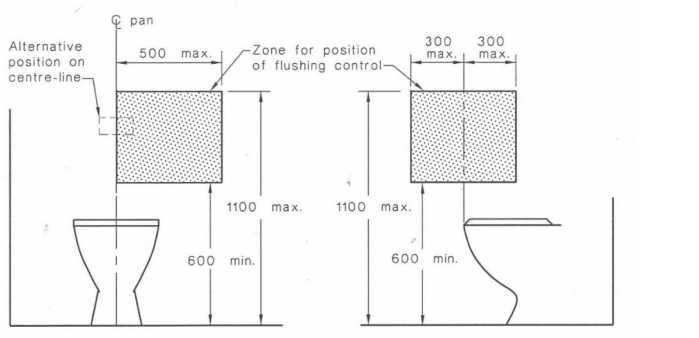
**FIGURE 2.3 EXAMPLE OF TWO PARKING SPACES WITH A COMMON SHARED AREA-DIMENSIONS FOR AUSTRALIA ONLY**



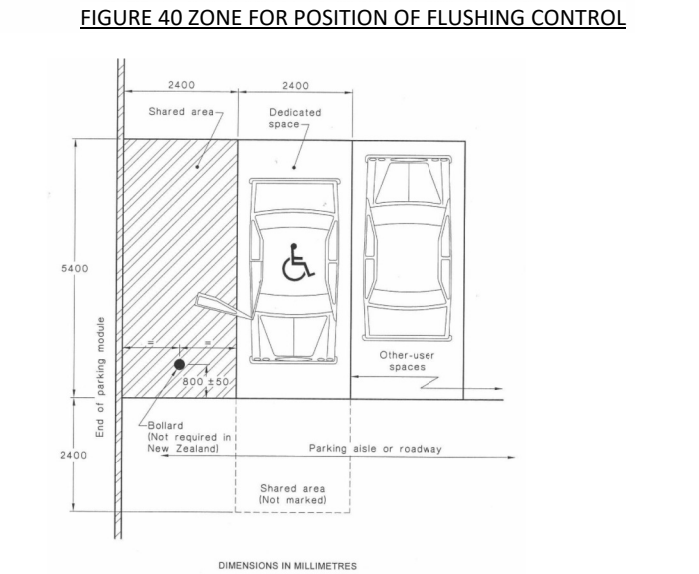
**2 WH M TOI. 01**  
A 5.2  
1:50



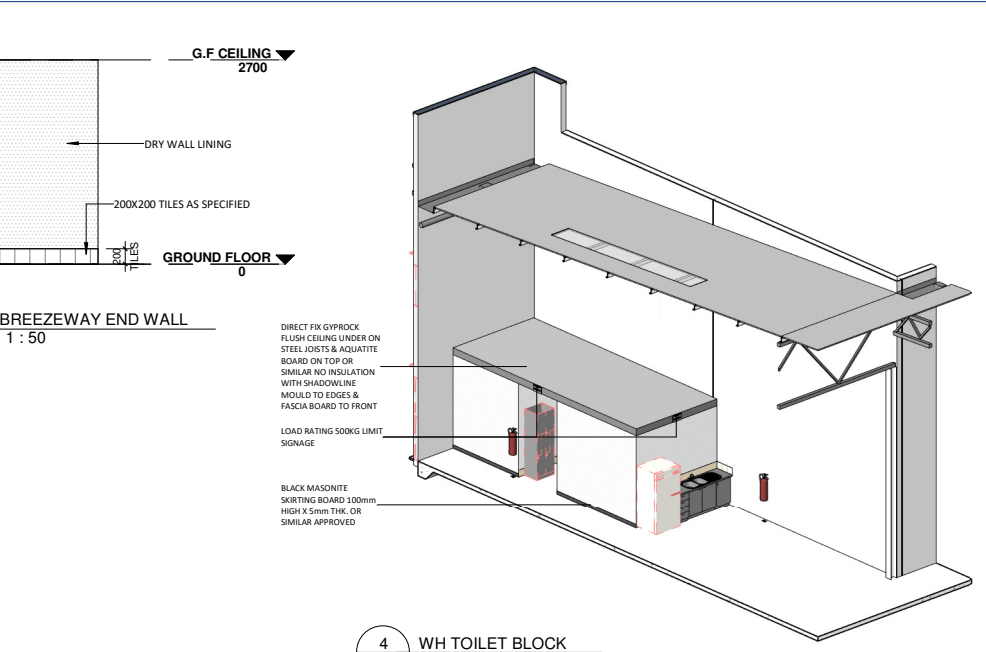
**3 BREEZEWAY END WALL**  
A 5.2  
1:50



**5 KITCHEN CABINET**  
A 1.1  
1:50

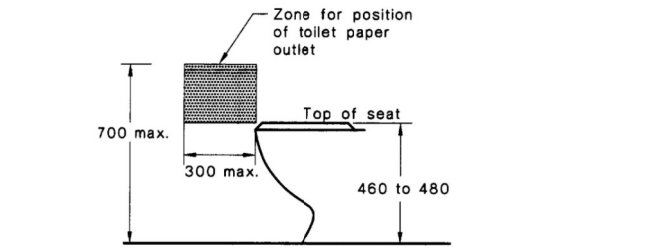


**FIGURE 2.2 EXAMPLE OF AN ANGLE PARKING SPACE WITH SHARED AREA ON ONE SIDE ONLY-DIMENSIONS FOR AUSTRALIA ONLY**

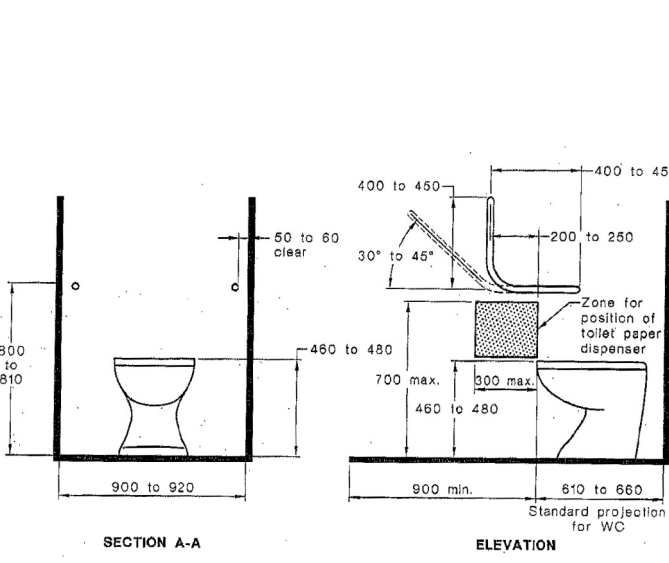


**4 WH TOILET BLOCK**

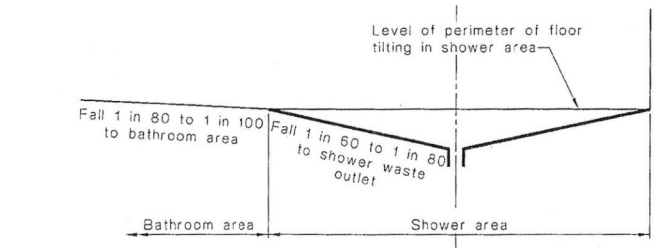
**WATERPROOFING & TILING NOTE:**  
ALL CERAMIC TILES AND ASSOCIATED MATERIALS USED ON THIS PROJECT WILL COMPLY WITH THE FOLLOWING AUSTRALIAN STANDARDS:  
AS/NZS 4801:2001 OH&S  
AS 3958.1:2007 CERAMIC TILE INSTALLATION  
AS 4662:2003 CERAMIC TILE CLASSIFICATION  
AS 3740 WATERPROOFING FOR WET AREAS - NCC PART F 1.7  
ALL SETDOWNS TO WET AREAS TO BE AS PER NCC AND AUSTRALIAN STANDARDS.  
"WATERPROOF" AND "WATER RESISTANT" FINISHES AS PER NCC VOL 1 TABLE F1.7 & AS 3740



**FIGURE 40 ZONE FOR POSITION OF FLUSHING CONTROL**



**FIGURE 53(A) SANITARY COMPARTMENT FOR PEOPLE WITH AMBULANT DISABILITIES-PLAN & ELEVATION.**



**FIGURE 41 GRADES FOR BATHROOM & SHOWER DOORS**

**Mapel building** Unit 1,12 Haydock Street, Forrestdale W.A 6112  
Phone: (08) 9456 1955 Fax: (08) 9456 1988 Email:

**GENERAL NOTES:**  
- ALL CONTRACTORS WORKING ON THIS PROJECT TO CHECK ALL DIMENSIONS AND NOTES PRIOR TO INITIATING ANY WORKS. REPORT ANY DISCREPANCIES TO THE PROJECT MANAGER IMMEDIATELY.  
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**ABBREVIATIONS:**  
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- COL = COLUMN  
- DP = DOWN PIPE  
- PJ = PANEL JOINT  
- HWU = HOT WATER UNIT  
- SC = SOLID CORE DOOR  
- HC = HOLLOWCORE DOOR  
- SCT = SOLID CORE DOOR TOILET  
- HCT = HOLLOWCORE DOOR TOILET  
- FT = FIRE TRUCK  
- F/H = FIRE HYDRANT  
- H = IN GROUND HYDRANT  
- FW = FLOOR WASTE  
- MSSB = MAIN SITE SWITCH BOARD  
- MDB = MAIN DISTRIBUTION BOARD  
- DB = DISTRIBUTION BOARD  
- MDF = MAIN DISTRIBUTION FRAME  
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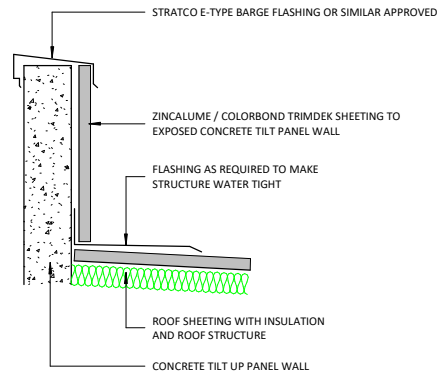
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0	IFC	SD	MR	21/12/22

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DRAWING: AMB. TOILET DETAILS PLAN #: 21/07/ A 5.2 REV: 1

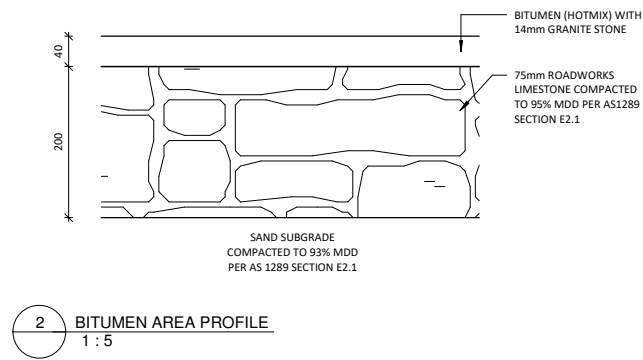
**ISSUED FOR CONSTRUCTION**  
ISSUED BY SD 21/12/22

**NOTE:**  
COAT HOOK WITHIN 1350mm TO 1500mm FROM THE FLOOR

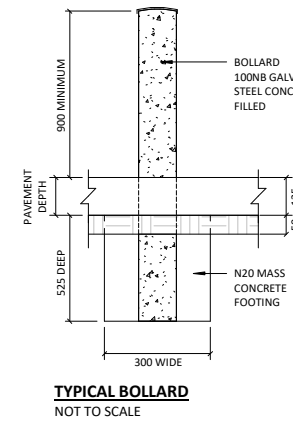
**For PLASO PTY LTD**  
At Lot 259 (6) Alex Wood Drive, Forrestdale



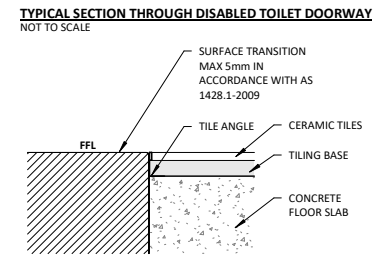
7 WATERPROOF FLASHING TO CONC. WALLS  
1:10



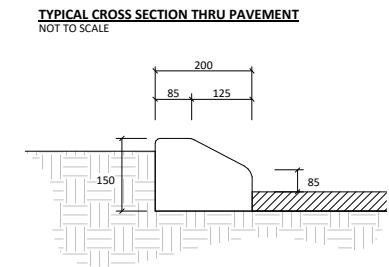
2 BITUMEN AREA PROFILE  
1:5



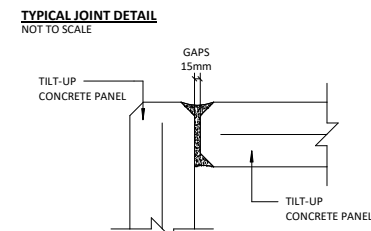
3 BOLLARD DETAIL  
1:100



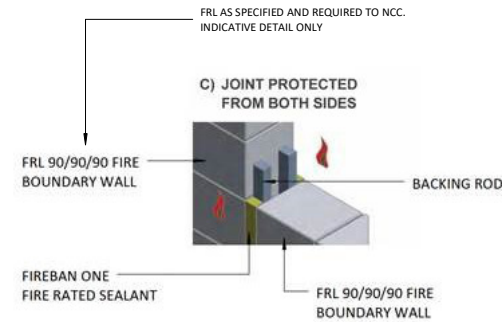
4 CROSS SECTION THROUGH DISABLED TOILET DOORWAY  
1:100



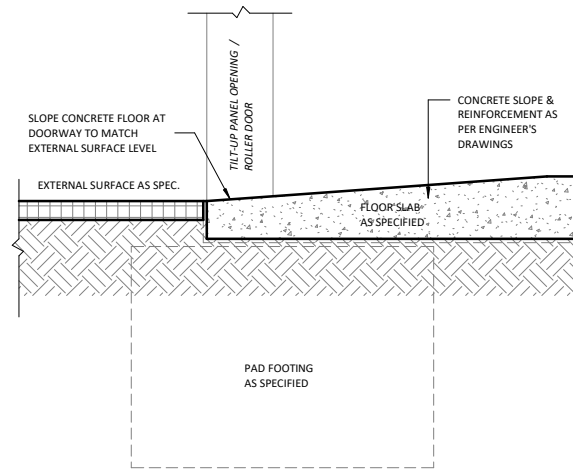
5 CROSS SECTION THRU PAVEMENT  
1:100



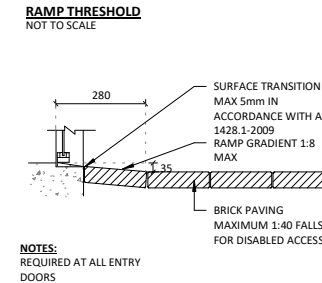
6 JOINT DETAIL  
1:100



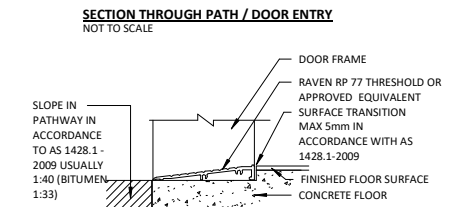
12 FIRE RATED WALL CONSTRUCTION JOINT  
1:50



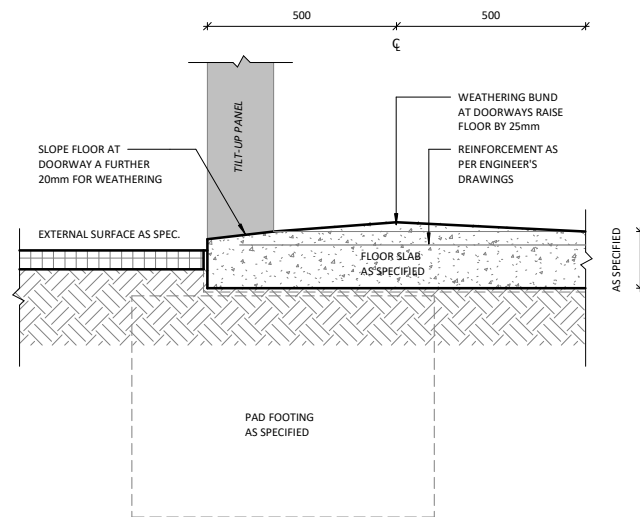
1 TYPICAL R/D SLAB EDGE DETAIL  
1:10



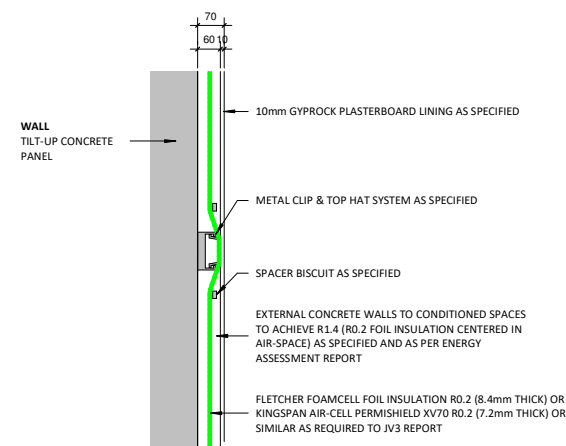
8 RAMP THRESHOLD  
1:100



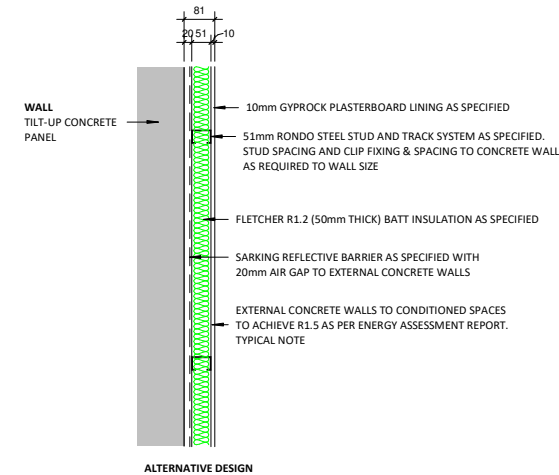
9 SECTION THROUGH PATH / DOOR ENTRY  
1:100



10 TYPICAL BUND DETAIL  
1:10



11 WALL INSULATION DETAIL - PLAN VIEW  
1:10

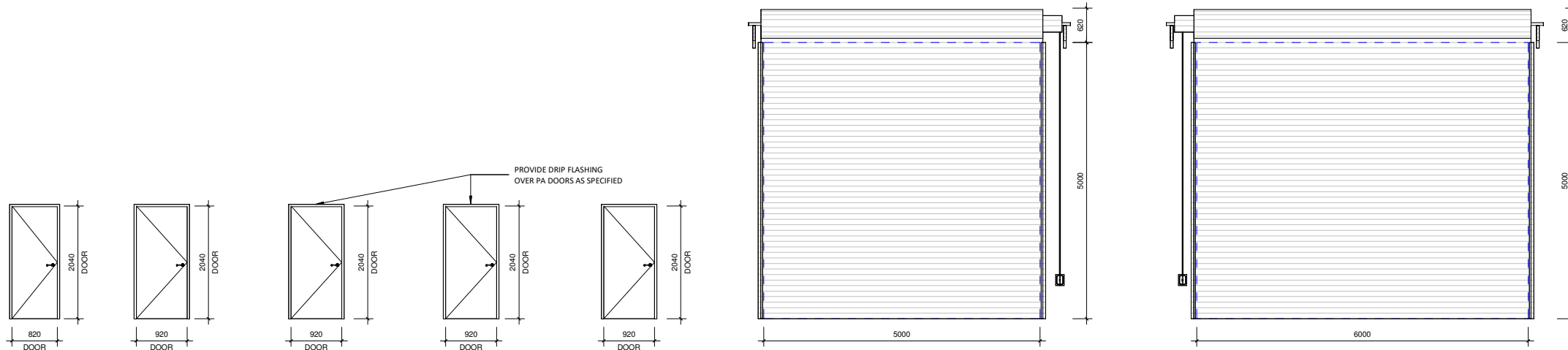


ALTERNATIVE DESIGN

WALL LINING DETAILS FOR FUTURE WORKS

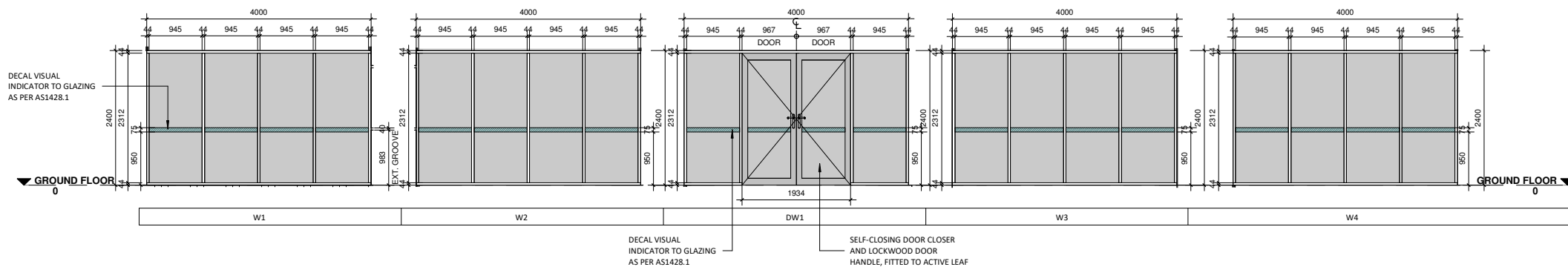
**ISSUED FOR CONSTRUCTION**  
ISSUED BY SD 21/12/22

REV	DESCRIPTION	DWN	CHK	DATE
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0	IFC	SD	MR	21/12/22
SCALE AS SHOWN @ A1. SCALE IS 50% @ A3		DO NOT SCALE OFF DRAWINGS		
DRAWING: CONSTRUCTION DETAILS		PLAN #:	REV:	
		21/07/ A 6.5	1	



D1	D2	D3	D4	D5	RD1	RS1
----	----	----	----	----	-----	-----

DOOR SCHEDULE						
MARK	HEIGHT	WIDTH	KEYNOTE	DOOR SPECIFICATION	FRAME TYPE	
D1	2040	820	820 HCT	HOLLOWCORE "DURACOTE" FLUSH FINISH. HARDWARE TO BUILDER'S SPEC.	STEEL	
D2	2040	920	920 HCT	HOLLOWCORE "DURACOTE" FLUSH FINISH. HARDWARE TO BUILDER'S SPEC.	STEEL	
D3	2040	920	920 PA	PERSONAL ACCESS DOOR METAL CLAD. CASTED TO TP WALL. HARDWARE TO BUILDER'S SPEC.	STEEL	
D4	2040	920	920 PA	PERSONAL ACCESS DOOR METAL CLAD. CASTED TO TP WALL. HARDWARE TO BUILDER'S SPEC.	STEEL	
D5	2040	920	920 PA	PERSONAL ACCESS DOOR METAL CLAD. CASTED TO TP WALL. HARDWARE TO BUILDER'S SPEC.	STEEL	
RD1	5000	5000	ROLLER DOOR INDUSTRIAL GRADE COLORBOND FINISH MOTOR OPERATED 5000W x 5000H	3 PHASE 1 HP MOTOR, B&D SERIES 2 WITH WALL MOUNTED CONTROLLER. COLORBOND SHEET CURTAIN AS PER BUILDER'S SPEC.	STEEL	
RS1	5000	6000	ROLLER SHUTTER INDUSTRIAL GRADE P/COAT FINISH MOTOR OPERATED 6000W x 5000H	3 PHASE 1 HP MOTOR, B&D SERIES 2 WITH WALL MOUNTED CONTROLLER. 10/100 SLATS 1mm THK. GAL OR P-COATED CURTAIN AS PER BUILDER'S SPEC.	STEEL	



WINDOW SCHEDULE							
NUMBER	WIDTH	HEIGHT	AREA	GLAZING TYPE	FRAME TYPE	COUNT	ORIENTATION
DW1	4000	2400	10 m²	SINGLE GLAZED, GREY LAMINATED COMFORT PLUS OR SIMILAR AS SPECIFIED, APPROVED AND TO ENERGY ASSESSMENT REPORT	100x44mm ALUMINIUM P. COATED COMMERCIAL NON OPENING FRAME AND HARDWARE TO BUILDER'S SPEC. WITH CENTRAL DOUBLE GLAZED DOOR	1	WEST
W1	4000	2400	10 m²	SINGLE GLAZED, GREY LAMINATED COMFORT PLUS OR SIMILAR AS SPECIFIED, APPROVED AND TO ENERGY ASSESSMENT REPORT	100x44mm ALUMINIUM P. COATED COMMERCIAL NON OPENING FRAME AND HARDWARE TO BUILDER'S SPEC.	1	NORTH
W2	4000	2400	10 m²	SINGLE GLAZED, GREY LAMINATED COMFORT PLUS OR SIMILAR AS SPECIFIED, APPROVED AND TO ENERGY ASSESSMENT REPORT	100x44mm ALUMINIUM P. COATED COMMERCIAL NON OPENING FRAME AND HARDWARE TO BUILDER'S SPEC.	1	WEST
W3	4000	2400	10 m²	SINGLE GLAZED, GREY LAMINATED COMFORT PLUS OR SIMILAR AS SPECIFIED, APPROVED AND TO ENERGY ASSESSMENT REPORT	100x44mm ALUMINIUM P. COATED COMMERCIAL NON OPENING FRAME AND HARDWARE TO BUILDER'S SPEC.	1	WEST
W4	4000	2400	10 m²	SINGLE GLAZED, GREY LAMINATED COMFORT PLUS OR SIMILAR AS SPECIFIED, APPROVED AND TO ENERGY ASSESSMENT REPORT	100x44mm ALUMINIUM P. COATED COMMERCIAL NON OPENING FRAME AND HARDWARE TO BUILDER'S SPEC.	1	WEST

Grand total: 5

- DOOR WINDOW NOTES:**
- WEATHER SEALS, THRESHOLDS, SLOTTED SUB-SILLS AND TRANSITION STRIPS AS REQUIRED. RAVEN OR EQUIVALENT APPROVED AS PER AS1428.1-2009
  - REFER FLOOR PLANS FOR DOOR SWING DIRECTIONS
  - DOOR / WINDOW FRAMES TO SUIT WALL THICKNESS AND TO BUILDER'S SPECIFICATION AS APPROVED. DOOR LEAF AS SPECIFIED.
  - GROUT FILLED FIRE DOOR METAL FRAMES TO AS1905
  - AUTO CLOSING MECHANISM AND PUSH PLATES TO BUILDER'S SPECIFICATION
  - SMOKE SEALS COMPLIANT TO NCC C3.5 DOORWAYS IN FIREWALLS IF REQUIRED
  - HARDWARE TO BE LOCKABLE AS SPECIFIED
  - LIFT OFF DOORS WITH LIFT OFF HINGES IF REQUIRED
  - FIRE DOORS AND WINDOWS TO COMPLY WITH AS1905.1 AND TAGGED
  - SITE MEASURE ALL DOOR AND WINDOW OPENINGS PRIOR TO FABRICATION
  - DOORS CIRCULATION SPACES AS PER AS1428.1
  - SIGNS ON DOORS AS REQUIRED AS PER NCC AND AUSTRALIAN STANDARDS
  - LATCH TO ALL DOORS SERVING AS REQUIRED EXIT OR IN PATH OF TRAVEL SHALL BE READILY OPENABLE WITHOUT A KEY FROM THE EGRESS SIDE
  - DECALS TO ALL GLAZING AS PER NCC AND AUSTRALIAN STANDARDS
  - PROTECTION OF ALL OPENABLE WINDOWS AS PER NCC VOL 1 D2.24 IF REQUIRED
  - REFER TO ENERGY EFFICIENCY REPORT FOR GLAZING TYPE, U VALUE AND SHGC
  - DIMENSIONS AND AREAS SHOWN ARE APPROXIMATE ONLY. FINAL SIZES TO BE CHECKED ON SITE
  - TOILET PARTITION DOORS ARE NOT INCLUDED IN THE WINDOW SCHEDULE
  - NOTE: WHERE WINDOWS ARE DENOTED "SR" THIS INDICATES WINDOW ASSEMBLY IS SOUND RATED PER SPECIFICATION REQUIREMENTS
  - GLAZING ASSEMBLIES TO COMPLY WITH AS 2047 AND NCC F1.13

**TOILET PARTITION DOOR NOTES:**  
 AQUALOO REGENT OR SIMILAR TOILET DOORS AS SPECIFIED ARE NOT INCLUDED IN SCHEDULE, REFER AS.2 AMBULANT TOILET DETAILS.  
 DOORS TO AMBULANT TOILETS SHOULD ACHIEVE 700mm MIN. CLEAR OPENING TO AS1428.1-2009

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 -VENTILATION, AIR-CONDITIONING AND MECHANICAL SYSTEM TO BE DESIGNED AND INSTALLED AS PER NCC AND AS 1668.2 REFER TO ENERGY REPORT PART J5 AND J6.  
 -AIR CONDITIONING SYSTEMS TO BE CONFIRMED AT CONSTRUCTION STAGE. ALLOWANCE TO BE MADE FOR TUNISH AND LOCATION TO BE CONFIRMED ON SITE.  
 -CONCRETE WORKS TO COMPLY WITH AS3600 AND MASONRY WORKS TO COMPLY WITH AS 3700.
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**ISSUED FOR CONSTRUCTION**  
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**NOTE:**  
 IN DOUBLE DOORS, IDENTIFY THE ACTIVE LEAF AND CHECK ITS CIRCULATION SPACE AND CLEARANCE FROM THE ADJACENT WALL ON FLOOR PLAN

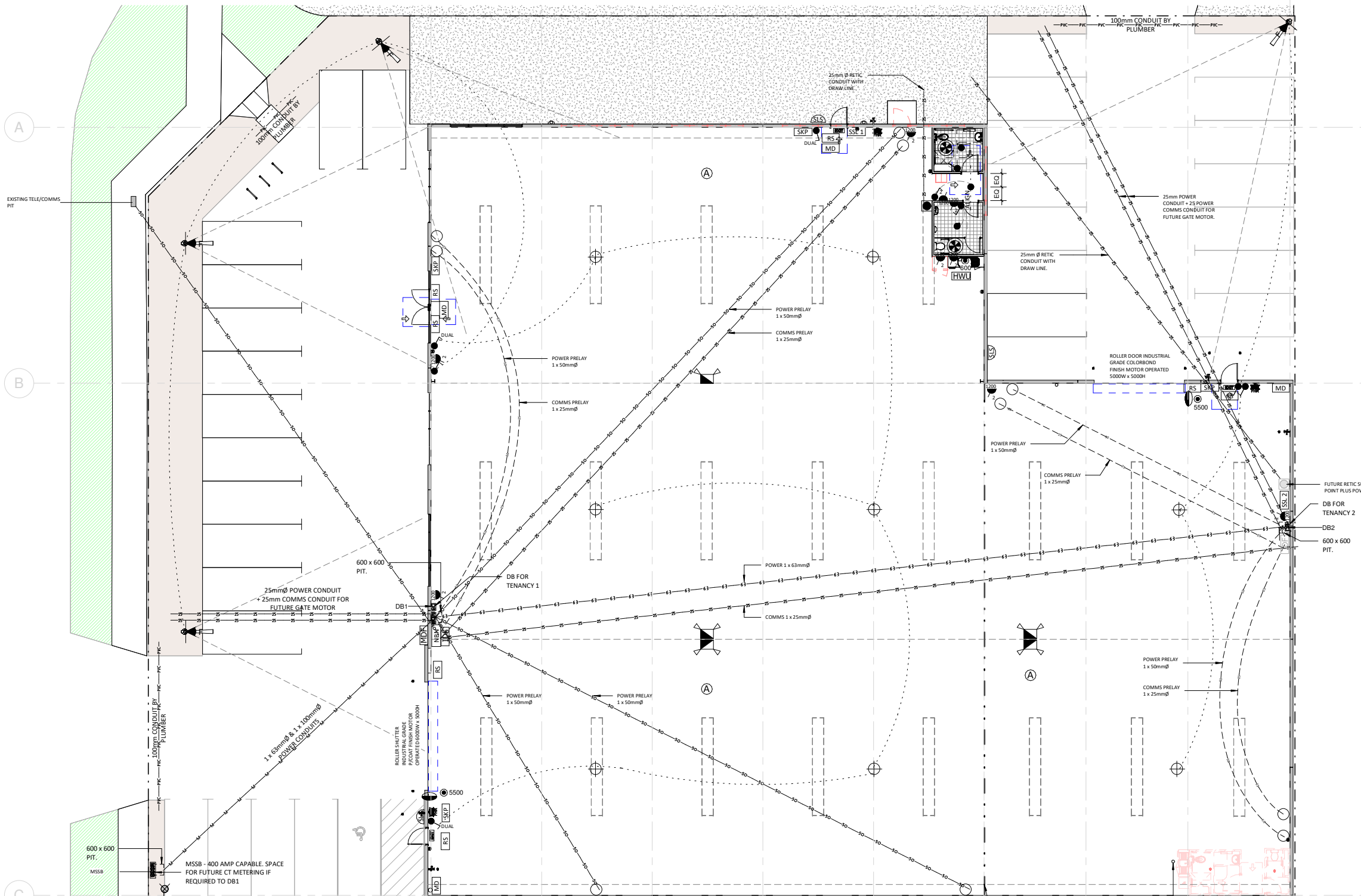
REV	DESCRIPTION	DWN	CHK	DATE
1	IFC-1	SD	MR	10/01/23
0	IFC	SD	MR	21/12/22

SCALE AS SHOWN @ A1. SCALE IS 50% @ A3  
 DRAWING: WINDOW/DOOR SCHEDULE  
 DO NOT SCALE OFF DRAWINGS  
 PLAN #: 21/07/ A 7.1  
 REV: 1

Unit 1,12 Haydock Street,  
 Forrestdale W.A 6112  
 Phone: (08) 9456 1955  
 Fax: (08) 9456 1988  
 Email:

**For PLASO PTY LTD**  
 At Lot 259 (6) Alex Wood Drive, Forrestdale

**ELECTRICAL DB NOTE:**  
 DB 1 - 250 AMP CAPACITY BOARD WITH 99 AMP SUPPLY (DIRECT METER)  
 DB 2 - 99 AMP CAPACITY BOARD WITH 99 AMP SUPPLY (DIRECT METER)



1 SITE ELECTRICAL PLAN  
 A 3.1 1 : 125

**ELECTRICAL NOTES:**  
 EMERGENCY LIGHTING TO BE IN ACCORDANCE WITH AS 2293 EMERGENCY EVACUATION LIGHTING IN BUILDINGS AND AS 2293.1 DESIGN AND INSTALLATION.  
 ILLUMINATED EXIT SIGNS TO BE IN ACCORDANCE WITH AS 2293 EMERGENCY EVACUATION LIGHTING IN BUILDINGS AND AS 2293.1 DESIGN AND INSTALLATION.  
 ELECTRICAL CONTRACTORS TO ADVISE IF WHAT IS DRAWN DOES NOT COMPLY WITH THE RELEVANT STANDARDS. ELECTRICIANS QUOTE/WORK TO COMPLY WITH STANDARDS.

**WIRING RUNS SHOWN ARE INDICATIVE ONLY, ELECTRICIANS TO FOLLOW MOST ECONOMICAL ROUTE AND TO CONFIRM TO AUSTRALIAN STANDARDS AS REQUIRED.**  
 REFER ALSO TO SPECIFICATIONS FOR MORE DETAILED DESCRIPTIONS OF WORKS REQUIRED.  
 ELECTRICAL PLAN/LAYOUT SUBJECT TO FINAL DESIGN ON APPOINTMENT OF ELECTRICAL SUB-CONTRACTOR.

**ELECTRICIAN NOTES:**  
 ELECTRICIAN TO PROVIDE CONDUITS TO THE FOLLOWING LOCATIONS FOR SECURITY FROM SSL.  
 - REED SWITCH TO:  
 - ROLLER SHUTTER (1 x 2 EACH SIDE)  
 - ROLLER DOOR (1 x 2 EACH SIDE)  
 - PA DOOR  
 - SHOPFRONT DOOR  
 - BETWEEN SSL (LINKAGE)  
 - KEYPADS.  
 - MD'S.

**NOTES:**  
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 ISSUED BY SD 21/12/22

**ELECTRICAL SYMBOLS**

MAIN SERVICES	
SYMBOL	DESCRIPTION
[MSSB]	MAIN SITE SWITCH BOARD 3 PHASE, 400AMP CAPACITY
[MDB]	MAIN DISTRIBUTION BOARD 3 PHASE, WITH SUITABLE AMP CAPACITY
[DB]	DISTRIBUTION BOARD 3 PHASE, WITH SUITABLE AMP CAPACITY
[MDF]	MAIN DISTRIBUTION FRAME SUITABLE AMOUNT OF TELSTRA LINES
[IDF]	INTERNAL DISTRIBUTION FRAME SUITABLE AMOUNT OF TELSTRA LINES
[RSP]	RETICULATION SUPPLY POINT RETIC CONTROLLER & WIRING TO BE DONE BY OTHERS

EMERGENCY + EXITS	
[E]	EMERGENCY LIGHTING (LED TWINSPOT) 2 HOUR DURATION BATTERY PACK TO FLOODLIGHT UNITS TO GIVE 0.2 LUX AT FLOOR LEVEL
[EXIT]	EXIT SIGN (LED EXIT BOX) 24m VIEWING DISTANCE, DURATION 2HRS

POWER/DATA POINTS + FIXTURES	
[GPO]	POWER OUTLET GPO, 1 PHASE, 10 AMP NUMBER BELOW SYMBOL INDICATES HEIGHT mm AFL NUMBER ABOVE SYMBOL INDICATES THE NUMBER OF P/OUTLETS
[GPO]	POWER OUTLET GPO, 1 PHASE, 15 AMP NUMBER BELOW SYMBOL INDICATES HEIGHT mm AFL NUMBER ABOVE SYMBOL INDICATES THE NUMBER OF P/OUTLETS
[GPO WP]	EXTERNAL POWER OUTLET (WEATHER PROOF) GPO, 1 PHASE, 10AMP, @ 1200mm AFL NUMBER BELOW SYMBOL INDICATES HEIGHT mm AFL NUMBER ABOVE SYMBOL INDICATES THE NUMBER OF P/OUTLETS
[GPO]	POWER OUTLET 3 PHASE, 10AMP, 5 PIN, @ 1200mm AFL NUMBER BELOW SYMBOL INDICATES HEIGHT mm AFL NUMBER ABOVE SYMBOL INDICATES THE NUMBER OF P/OUTLETS
[HWU]	HOT WATER UNIT WALL MOUNTED
[MOTOR]	MOTOR CONTROL FOR MOTORISED ROLLERDOORS/SHUTTERS

LIGHTINGS AND FIXTURES	
[EXHAUST FAN]	EXHAUST FAN CEILING MOUNTED.
[FLOODLIGHT]	FLOODLIGHT - EXTERNAL (LED-SFL200W) ON PE CELL AND TIMER WITH OVERRIDE SWITCH FROM INSIDE BLDG. FOR PERMANENT OPERATION 'QUALITY FITTING' INSTALL EXTERNAL LIGHTS ON SEPARATE CIRCUIT BREAKER
[VANDALLIGHT]	VANDALLIGHT FITTING LED WITH ON PE CELL SWITCH
[LED UFO]	LED UFO HIGH BAY LIGHTS 150 WATT (20 000 Lumens)
[SWITCH]	SWITCH FOR LIGHTS NOTE: NOT ALL SWITCHES ARE SHOWN
[DOWNLIGHT]	DOWNLIGHT FITTING PierLUX LED DOWNLIGHT, 18W
[MOVEMENT SENSORS]	MOVEMENT SENSORS CONTROLS LIGHTS SHOWN LINKED. SWITCH PROVIDED TO EACH AREA FOR "WHOLE AREA ON" OPERATION.

CABLES AND CONDUIT RUNS	
[M]	MAIN CABLE APPROPRIATE SIZED 3PH CABLE FROM SITE POWER SUPPLY
[50]	50mm CONDUIT PRELAY CONDUIT FOR FUTURE CABLE RUNS
[25]	25mm CONDUIT PRELAY CONDUIT FOR FUTURE CABLE RUNS
[32]	32mm CONDUIT PRELAY CONDUIT FOR FUTURE CABLE RUNS
[PVC]	100mm RETIC CONDUIT PRELAY CONDUIT FOR RETIC

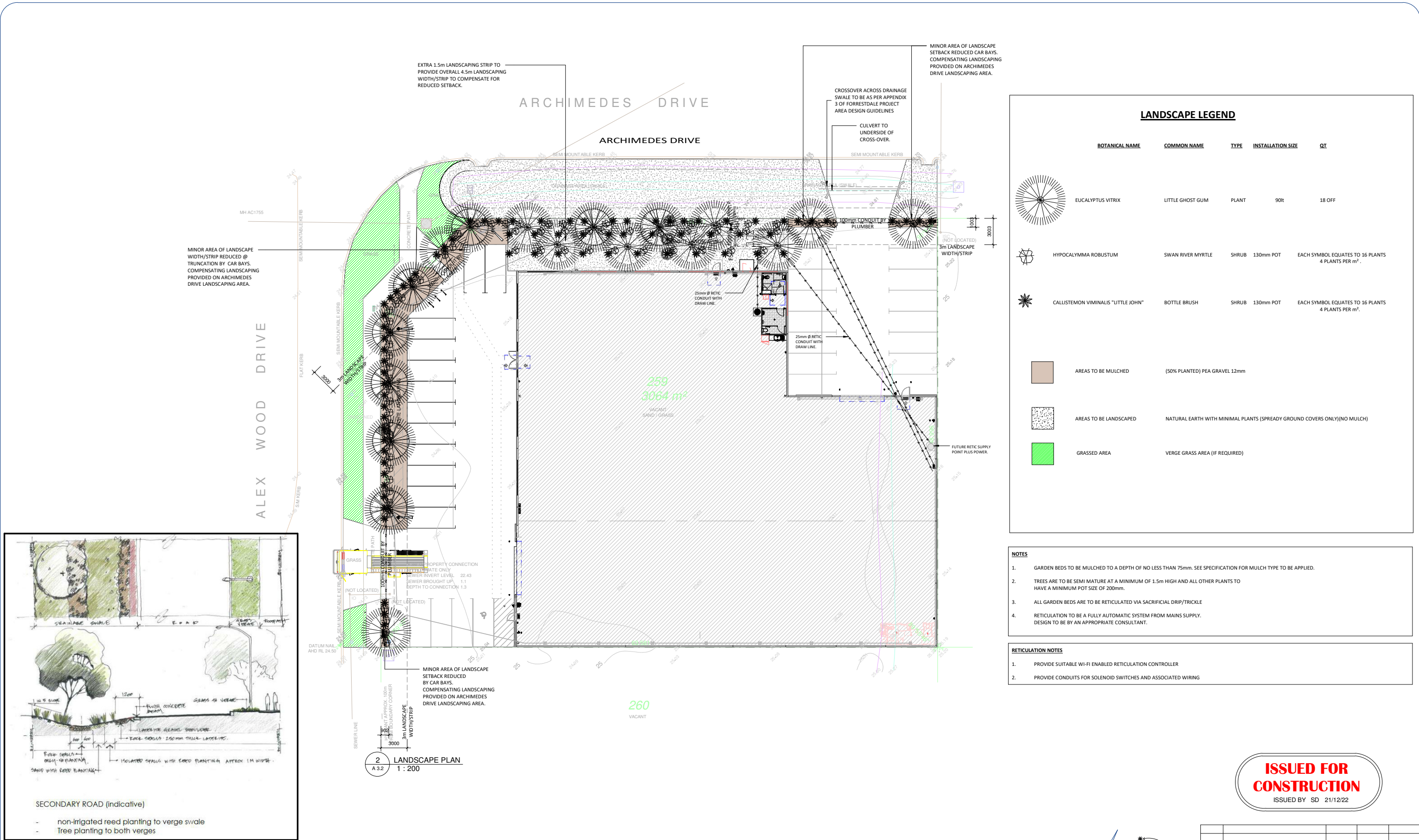
SECURITY	
[SSL]	SECURITY SYSTEM LOCATION
[SKP]	SECURITY KEYPAD
[MD]	MOTION DETECTORS
[SLS]	SECURITY LIGHT STROBE
[A]	ALARM (SCREAMER)
[RS]	REED SWITCH

**NOTE:**  
 ALL SERVICES TO BE RUN TO DISTRIBUTION POINT WITH THE RELEVANT TENANCY.  
 ALLOW FOR SEPARATION OF SERVICES FOR FUTURE TENANCIES PER SPECIFICATION REQUIREMENTS.

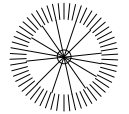





**ELECTRICAL AND LIGHTING NOTE:**  
 ALL ELECTRICAL, LIGHTING AND CONDUIT LAYOUTS TO BE APPROVED BY CLIENT PRIOR TO PROCEEDING WITH CONSTRUCTION

REV	DESCRIPTION	DWN	CHK	DATE
1	IFC-1	SD	MR	10/01/23
0	IFC	SD	MR	21/12/22

SCALE AS SHOWN @ A1. SCALE IS 50% @ A3 DO NOT SCALE OFF DRAWINGS  
 DRAWING: SITE ELECTRICAL PLAN PLAN #: 21/07/ E.1.1 REV: 1



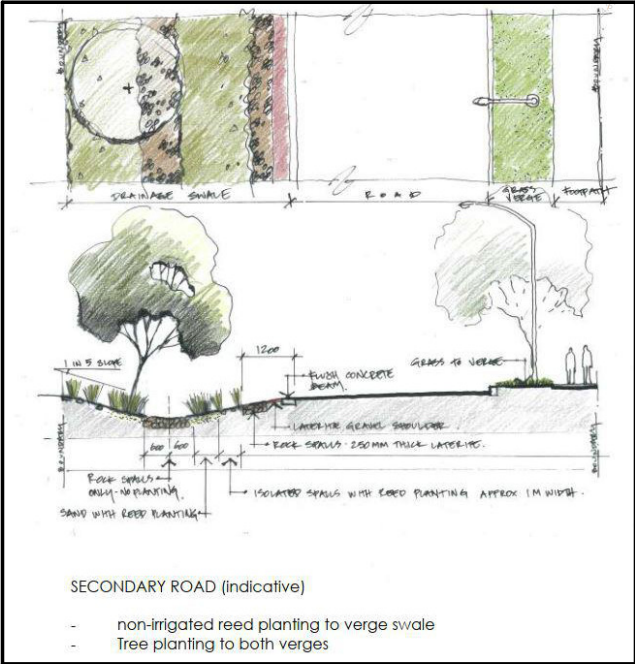
### LANDSCAPE LEGEND

BOTANICAL NAME	COMMON NAME	TYPE	INSTALLATION SIZE	QT	
	EUCALYPTUS VITRIX	LITTLE GHOST GUM	PLANT	90lt	18 OFF
	HYPOCALYMMA ROBUSTUM	SWAN RIVER MYRTLE	SHRUB	130mm POT	EACH SYMBOL EQUATES TO 16 PLANTS 4 PLANTS PER m <sup>2</sup> .
	CALLISTEMON VIMINALIS "LITTLE JOHN"	BOTTLE BRUSH	SHRUB	130mm POT	EACH SYMBOL EQUATES TO 16 PLANTS 4 PLANTS PER m <sup>2</sup> .
	AREAS TO BE MULCHED	(50% PLANTED) PEA GRAVEL 12mm			
	AREAS TO BE LANDSCAPED	NATURAL EARTH WITH MINIMAL PLANTS (SPREADY GROUND COVERS ONLY)(NO MULCH)			
	GRASSED AREA	VERGE GRASS AREA (IF REQUIRED)			

- #### NOTES
- GARDEN BEDS TO BE MULCHED TO A DEPTH OF NO LESS THAN 75mm. SEE SPECIFICATION FOR MULCH TYPE TO BE APPLIED.
  - TREES ARE TO BE SEMI MATURE AT A MINIMUM OF 1.5m HIGH AND ALL OTHER PLANTS TO HAVE A MINIMUM POT SIZE OF 200mm.
  - ALL GARDEN BEDS ARE TO BE RETICULATED VIA SACRIFICIAL DRIP/TRICKLE
  - RETICULATION TO BE A FULLY AUTOMATIC SYSTEM FROM MAINS SUPPLY. DESIGN TO BE BY AN APPROPRIATE CONSULTANT.

- #### RETICULATION NOTES
- PROVIDE SUITABLE WI-FI ENABLED RETICULATION CONTROLLER
  - PROVIDE CONDUITS FOR SOLENOID SWITCHES AND ASSOCIATED WIRING

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**LANDSCAPING NOTES**  
ABOVE SPECIES HAVE BEEN SELECTED TO SUIT THE LOCAL AREA SOIL TYPE AND CONDITIONS. PLANTS TO BE MAINTAINED BY MEANS OF ADEQUATE FERTILIZER AND IRRIGATION FOR THE FIRST 12 MONTHS. DESIGNATED SPECIES HAVE BEEN SELECTED SO AS TO BE DROUGHT RESISTANT AND IN CONSIDERATION OF LIMITED STATE WATER RESOURCES. RETICULATION SCHEDULE SHOULD BE ABLE TO BE SCALED BACK TO AN INFREQUENT LEVEL AFTER THE FIRST 12 MONTHS, ONCE PLANTS HAVE BECOME SUFFICIENTLY ESTABLISHED.

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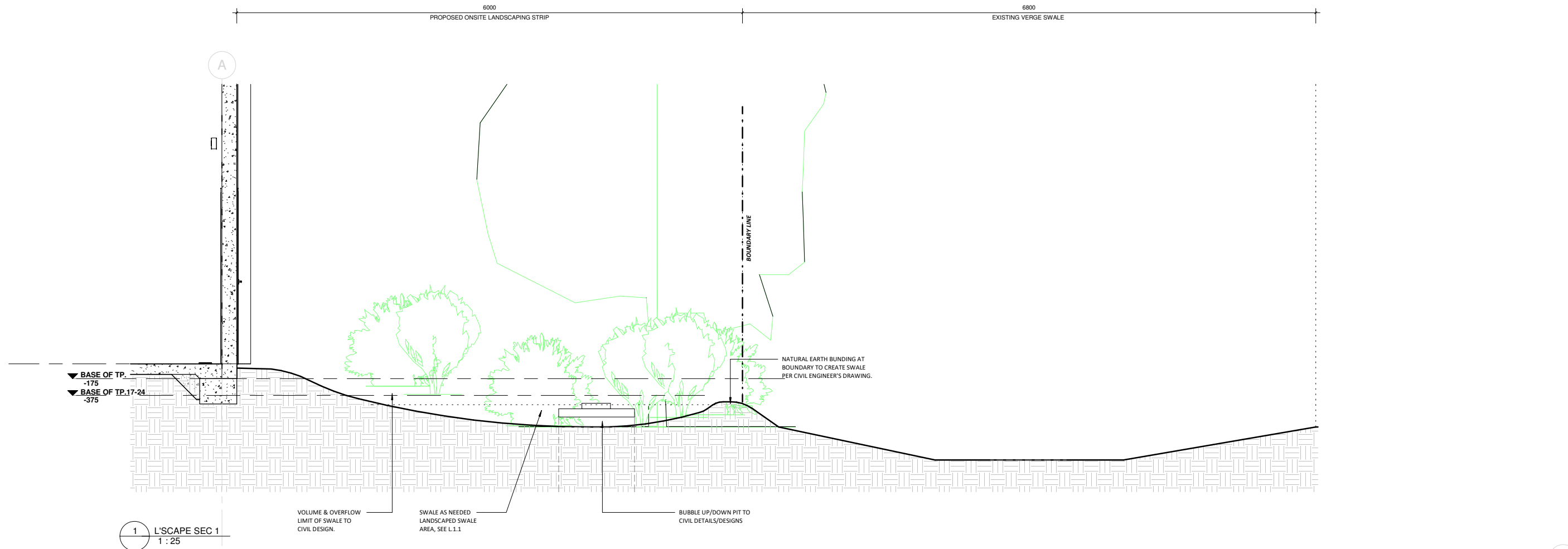
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**Mapel building**  
Unit 1,12 Haydock Street, Forrestdale W.A 6112  
Phone: (08) 9456 1955  
Fax: (08) 9456 1988  
Email:

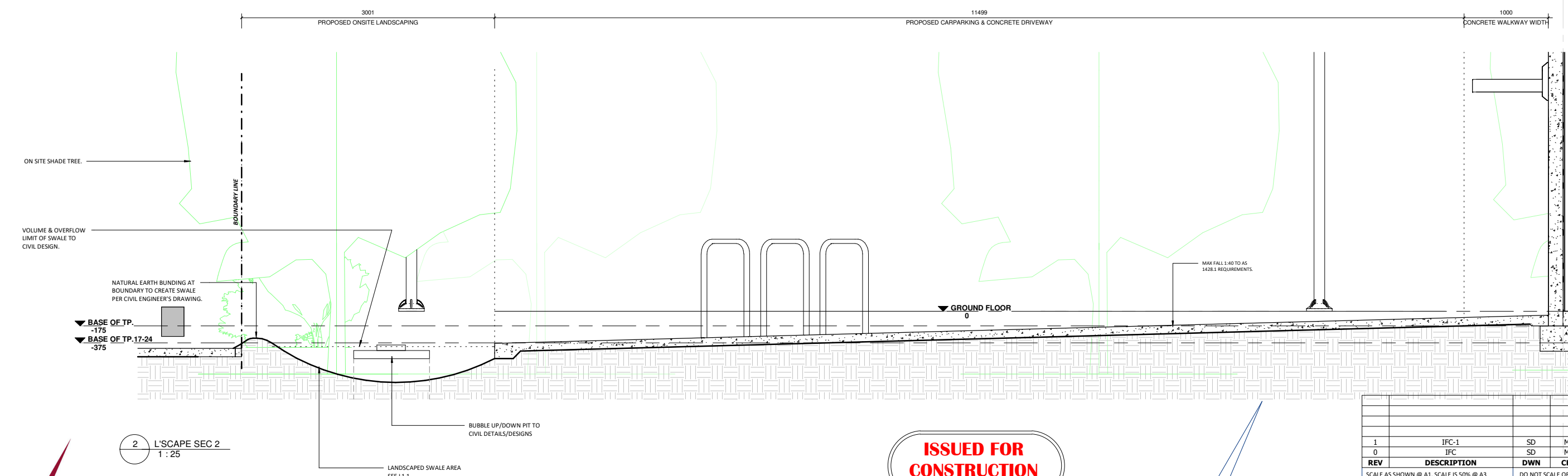
**For PLASO PTY LTD**  
At Lot 259 (6) Alex Wood Drive, Forrestdale

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DRAWING: **LANDSCAPE PLAN** PLAN #: **21/07/ L 1.1** REV: **1**



1 L'CAPE SEC 1  
1:25



2 L'CAPE SEC 2  
1:25

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DRAWING: LANDSCAPING DETAILS PLAN #: 21/07/ L 1.2 REV: 1

Unit 1.12 Haydock Street,  
Forrestdale W.A 6112  
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Fax: (08) 9456 1988  
Email:

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