

LAKE STREET EDENHOPE

FINISHES SCHEDULE PREFIXES

B	BALUSTRADE
BEN	BENCHTOP
CAB	CABINETRY
CF	CEILING FINISH
EL	ELECTRICAL
FF	FLOOR FINISH
FR	FRAMING
GF	GENERAL FINISH
GN	GENERAL NOTE
H	HEATING
J	JOINERY
P	POOL
PL	PLUMBING
RF	ROOFING
SF	SOFT FURNISHINGS
SITE	SITWORKS
SL	SOFFIT LINING
SS	STRUCTURE
SV	SERVICES
WDF	WINDOW FRAMING
WF	WALL FINISH
WP	WALL PLINTH/BANDING

REVISION SCHEDULE

NUMBER	DATE	DESCRIPTION
A	28/5/22	FOR INITIAL COMMENT
B	1/06/22	DELETE SKYLIGHTS AND CHANGE WALL TYPES
C	15/6/22	PRELIM WD FOR ENGINEERING
D	22/6/22	ADD SURVEY PLANS AND LEVELS
E	17/8/22	UPDATE WITH MARKUPS PROVIDED, ADJUST FLOORING MATERIALS, ALL EXTERNAL DOORS GLAZED ALUMINIUM DOORS, MINOR WINDOW ADJUSTMENTS, VINYL WALL LINING HEIGHTS ADJUSTMENTS, DETAILS ADDED
F	25/8/22	NOTATION UPDATES
G	1/9/22	STORE DOOR GLAZED ALUMINIUM, SWITCHBOARD NOTE
H		
I		
J		
K		

ROOM SCHEDULE								
LEVEL	NAME	AREA	PERIMETER	FLOOR FINISH	CLASS	FLOOR HEATING	CEILING FINISH	BASE FINISH
GROUND FLOOR	KITCHEN	15 m ²	16.6 m	VINYL WITH 100MM COVE UP WALL	9		10MM SUPACEIL	CONCRETE
GROUND FLOOR	GAMES	70 m ²	40.6 m	VINYL WITH 100MM COVE UP WALL	9		10MM SUPACEIL	CONCRETE
		86 m ²	57.1 m					
GROUND FLOOR	MEN	29 m ²	30.7 m	VINYL WITH 100MM COVE UP WALL	10		10MM WR BOARD	CONCRETE
GROUND FLOOR	ACCESSIBLE	10 m ²	12.6 m	VINYL WITH 100MM COVE UP WALL	10		10MM WR BOARD	CONCRETE
GROUND FLOOR	FEMALE	29 m ²	30.7 m	VINYL WITH 100MM COVE UP WALL	10		10MM WR BOARD	CONCRETE
GROUND FLOOR	STORE	5 m ²	8.7 m	VINYL WITH 100MM COVE UP WALL	10		10MM SUPACEIL	CONCRETE
GROUND FLOOR	LAUNDRY	10 m ²	12.7 m	VINYL WITH 100MM COVE UP WALL	10		10MM WR BOARD	CONCRETE
GROUND FLOOR	VERANDAH	52 m ²	40.3 m	BROOM FINISH CONCRETE	10		6MM FRC SHEET WITH 'H' MOULD	CONCRETE
GROUND FLOOR	PORCH	9 m ²	13.9 m	BROOMFINISH CONCRETE	10		6MM FRC SHEET WITH 'H' MOULD	CONCRETE
GROUND FLOOR	FOOTPATH	61 m ²	100.3 m	BROOM FINISH CONCRETE	10		NA	CONCRETE
		205 m ²	250.0 m					
		291 m ²	307.1 m					

BUILDING AREAS

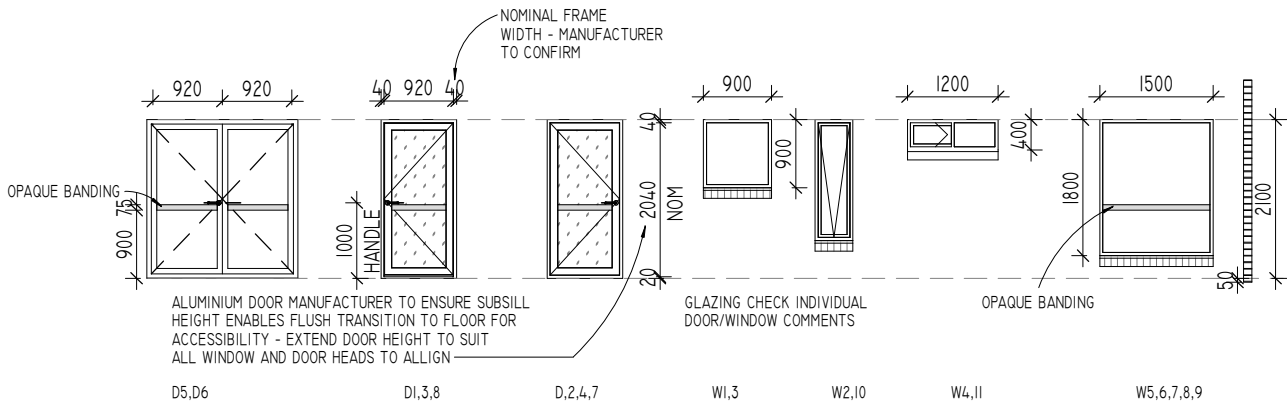
LEVEL	NAME	AREA
GROUND FLOOR	VERANDAH	52.3
GROUND FLOOR	COMMON	91.6
GROUND FLOOR	AMENITIES 2	34.3
GROUND FLOOR	AMENITIES 1	45.5
GROUND FLOOR	SERVICES	17.5
GROUND FLOOR	PORCH	9.2
GROUND FLOOR	FOOTPATH	61.1
		311.6

SHEET LIST

SHEET NUMBER SHEET NAME

0	TITLE
WD01	SITE PLAN
WD01A	OVERALL SITE
WD02	GROUND FLOOR PLAN
WD03	NORTH & EAST ELEVATIONS
WD04	SOUTH & WEST ELEVATIONS
WD05A	INTERNAL ELEVATIONS
WD5B	INTERNAL ELEVATIONS
WD06	SECTIONS
WD06A	SECTIONS
WD07	SUBFLOOR
WD08	WALL FRAME
WD10	ROOF
WD11	WET AREAS
WD12	NOTES
WD12A	ROOF DRAINAGE
WD13	STRUCTURE
WD15	AREAS
WD17	LOWER ELECTRICAL
WD19B	BRACING
WD19C	TIEDOWNS
WD19D	FOOTINGS AND FIRE

WINDOW SCHEDULE								
LEVEL	MARK	TYPE	HEIGHT	WIDTH	SILL HEIGHT	HEAD HEIGHT	COMMENTS	ROOM
GROUND FLOOR	1	09.09 AFW	900	900	1200	2100	FIXED OBSC	FOOTPATH
GROUND FLOOR	2	16.05 AAW	1600	500	500	2100	AWNING	PORCH
GROUND FLOOR	3	09.09 AFW	900	900	1200	2100	FIXED OBSC	FOOTPATH
GROUND FLOOR	4	04.12 ASW	400	1200	1700	2100	SLIDE OBSC	MEN
GROUND FLOOR	5	15.18 AFW	1800	1500	300	2100	FIXED	FOOTPATH
GROUND FLOOR	6	15.18 AFW	1800	1500	300	2100	FIXED	GAMES
GROUND FLOOR	7	15.18 AFW	1800	1500	300	2100	FIXED	GAMES
GROUND FLOOR	8	15.18 AFW	1800	1500	300	2100	FIXED	VERANDAH
GROUND FLOOR	9	15.18 AFW	1800	1500	300	2100	FIXED	VERANDAH
GROUND FLOOR	10	16.05 AAW	1600	500	500	2100	AWNING	LAUNDRY
GROUND FLOOR	11	04.12 ASW	400	1200	1700	2100	SLIDE OBSC	FOOTPATH



WINDOWS AND DOORS
1 : 100

DOOR SCHEDULE								
LEVEL	MARK	TYPE	WIDTH	HEIGHT	SILL HEIGHT	HEAD HEIGHT	COMMENTS	ROOM
GROUND FLOOR	1	920.2040 AGD	1000	2100	0	2100	ALUMINIUM GLASS DOOR - OBSC - NOMINAL LEAF SIZE 920X2040	PORCH
GROUND FLOOR	2	920.2040 AGD	1000	2100	0	2100	ALUMINIUM GLASS DOOR - OBSC - NOMINAL LEAF SIZE 920X2040	PORCH
GROUND FLOOR	3	920.2040 AGD	1000	2100	0	2100	ALUMINIUM GLASS DOOR - OBSC - NOMINAL LEAF SIZE 920X2040	PORCH
GROUND FLOOR	4	920.2040 AGD	1000	2100	0	2100	ALUMINIUM GLASS DOOR - OBSC - NOMINAL LEAF SIZE 920X2040	PORCH
GROUND FLOOR	5	2/920.2040 AGD	2000	2100	0	2100	ALUMINIUM GLASS DOUBLE DOOR - NOMINAL LEAF SIZE 920X2040	GAMES
GROUND FLOOR	6	2/920.2040 AGD	2000	2100	0	2100	ALUMINIUM GLASS DOUBLE DOOR - NOMINAL LEAF SIZE 920X2040	GAMES
GROUND FLOOR	7	920.2040 AGD	1000	2100	0	2100	ALUMINIUM GLASS DOOR - NOMINAL LEAF SIZE 920X2040	LAUNDRY
GROUND FLOOR	8	920.2040 AGD	1000	2100	0	2100	ALUMINIUM GLASS DOOR - OBSC - NOMINAL LEAF SIZE 920X2040	FOOTPATH
GROUND FLOOR	9	06.17 LAM	600	1700	200	1900		FEMALE
GROUND FLOOR	10	06.17 LAM	600	1700	200	1900		FEMALE
GROUND FLOOR	11	06.17 LAM	600	1700	200	1900		FEMALE
GROUND FLOOR	12	06.17 LAM	600	1700	200	1900		FEMALE
GROUND FLOOR	13	06.17 LAM	600	1700	200	1900		FEMALE
GROUND FLOOR	14	06.17 LAM	600	1700	200	1900		FEMALE
GROUND FLOOR	15	06.17 LAM	600	1700	200	1900		FEMALE
GROUND FLOOR	16	06.17 LAM	600	1700	200	1900		FEMALE
GROUND FLOOR	17	06.17 LAM	600	1700	200	1900		MEN
GROUND FLOOR	18	06.17 LAM	600	1700	200	1900		MEN
GROUND FLOOR	19	06.17 LAM	600	1700	200	1900		MEN
GROUND FLOOR	20	06.17 LAM	600	1700	200	1900		MEN
GROUND FLOOR	21	06.17 LAM	600	1700	200	1900		MEN
GROUND FLOOR	22	06.17 LAM	600	1700	200	1900		MEN



VIC REG DP-AD 59100

e geoff@alexstar.com.au
mob 0400 251 245

REVISIONS

This drawing and associated drawings in the drawing set ("the documents") are copyright © Alexstar Enterprises PTY LTD trading as ("Alexstar Building Design"). Do not copy or reproduce for any purpose without the prior written consent of Alexstar Building Design. All rights are reserved. This building has been designed with standard loadings only. Specific loads like waterbeds, solar panels and A/C systems are not included unless specifically noted. All colours and materials are indicative only until selections. All 3D images are indicative only for illustration purposes. Furniture and cabinetry are drawn for illustration purposes only. Selections will take precedence over anything shown for illustration.

EDENHOPE CARAVAN
PK AMENITIES

LAKE STREET
EDENHOPE

SCALE
1 : 100 (A3)
DRAWING
TITLE
ISSUE:
DESIGN

PROJECT NUMBER
20-22
DATE
1/6/22
NO
0

DO NOT SCALE
DRAWINGS

BUILDER TO VERIFY ALL WORK
INCLUDING DIMENSIONS AND
LEVELS
BEFORE BUILDING COMMENCES

DO NOT SCALE
DRAWINGS

BUILDER TO VERIFY ALL WORK
INCLUDING DIMENSIONS AND
LEVELS
BEFORE BUILDING
COMMENCES

This drawing and associated drawings in the drawing set ("the documents") are copyright © Alexstar Enterprises PTY LTD ("Alexstar Building Design"). Do not copy or reproduce for any purpose without the prior written consent of Alexstar Building Design. All rights are reserved. This building has been designed with standard loadings only, specific loads like waterbeds, solar panels and A/C systems are not included unless specifically noted. All colours and materials are indicative only until selections. All 3D images are indicative only for illustration purposes. Furniture and cabinetry are drawn for illustration purposes only. Selections will take precedence over anything shown for illustration.

REVISIONS

REV G
1/9/22

EDENHOPE
CARAVAN PK
AMENITIES
NEW
CONSTRUCTION
LAKE STREET
EDENHOPE

PROJECT NUMBER
20-22

DATE
1/6/22

SCALE
1 : 100 (A3)

DRAWING
GROUND FLOOR PLAN

ISSUE:
DESIGN

NO
WD02

VIC REG
DP-AD 59100

FLOOR PLAN NOTES

ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE NCC AND RELEVANT AUSTRALIAN STANDARDS AT THE DATE OF DEVELOPMENT APPLICATION

WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. IF DIMENSIONS ARE UNCLEAR, CONTACT THIS OFFICE FOR CLARIFICATION.

ALL TRADES TO CHECK ALL INFORMATION PRIOR TO COMMENCING OR ORDERING MATERIALS. TRADES ARE RESPONSIBLE FOR THE BUILDABILITY OF THEIR AREA OF EXPERTISE AND TO PROVIDE ALL PRODUCTS NECESSARY FOR THE FINAL FINISHED CONSTRUCTION.

DIMENSIONS WITH ARROW HEADS GENERALLY FINISHES DIMENSIONS. DIMENSIONS WITH DIAGONAL TICK MARK TO STRUCTURAL MATERIALS WHERE UNCLEAR - CONTACT THIS OFFICE

THE DESIGNER DOES NOT TAKE THE RESPONSIBILITY OF THE BUILDER. IT IS THE RESPONSIBILITY OF THE BUILDER TO ENSURE ALL INFORMATION IS CORRECT PRIOR TO CONSTRUCTION AND ENGAGEMENT OF SUPPLIERS. THE BUILDER IS TO ENSURE THAT ALL ASPECTS OF THE BUILDING ARE BUILDABLE AND TO PROVIDE ALL NECESSARY FITTINGS, FIXTURES AND MATERIALS TO ENSURE THAT THE BUILDING IS COMPLETE.

WHERE PRODUCTS ARE TO BE INSTALLED TO MANUFACTURERS SPECIFICATION, IT IS THE BUILDERS RESPONSIBILITY TO ENSURE THOSE DETAILS ARE FOLLOWED. WHERE AN AUSTRALIAN STANDARD OR REQUIREMENT OF THE APPROPRIATE LEGISLATION IS TO BE FOLLOWED, IT IS THE BUILDERS RESPONSIBILITY TO ENSURE THE CORRECT INSTALLATION AND PROCEDURES ARE FOLLOWED.

BUILDER TO CHECK ALL WINDOW AND DOOR SIZES ALL HEADS TO ALIGN (EXCEPT WHERE SPECIFICALLY SHOWN AS BENCH HEIGHT WINDOWS OR HIGH/LOW LEVEL WINDOWS) CHECK WINDOW/DOOR SCHEDULE - ADJUSTMENTS PERMITTED TO MATCH BRICK COURSING AS NECESSARY

WINDOWS TO COMPLY WITH AS 2047, AND GLASS TO COMPLY WITH AS 1288

TERMITE TREATMENT TO AS 3660

ENCLOSED WC AREAS TO BE PROVIDED WITH ESCAPE HINGES TO THE DOOR, OR THE DOOR SHALL SLIDE OR SWING OUT OF THE ENCLOSURE

ENERGY NOTES

BUILDING FABRIC

R2.5 INSULATION TO EXTERNAL WALL CAVITIES
R4.0 INSULATION TO CEILING CAVITIES
R2.0 INSULATION TO INTERNAL WALLS
R1.0 INSULATION TO PERIMETER OF FLOOR SLAB IF IN SLAB
HEATING/COOLING IS INSTALLED
EXTERNAL GLAZING TO COMPLY WITH THE GLAZING CALCULATOR AS PROVIDED BY ABCB
OR

HEATING AND COOLING LOADS

TO REACH A 6 STAR ENERGY EFFICIENCY EQUIVALENCE OR BETTER (USE LESS THAN 96MJ/M2 OF POWER SOURCED FROM OFF SITE NON-RENEWABLE POWER GENERATION)

PV SYSTEM BY OWNER

SERVICES

PROVIDE LOOP FOR CONNECTION OF RAIN WATER TO WC
LIGHT FITTINGS TO BE ENERGY EFFICIENT,
MAX 5W/M2 TO LIVING AREAS - SEE ELECTRICAL LAYOUTS FOR CALCULATIONS
TAPS AND SANITARY FIXTURES WELS 4 STAR OR BETTER
SHOWER ROSES 3 STAR OR BETTER
USE HIGH EFFICIENCY GAS HOT WATER SERVICE - MIN 5 STAR RATING

* THIS HOUSE HAS BEEN DESIGNED FOR STANDARD LOADS
IE. NO A/C - TANKS ON ROOF, NO SOLAR PANLES, NO WATER BEDS ON LIGHTWEIGHT FLOORING, ETC.

SMOKE

ALARM

INTERLINKED HARD WIRED SMOKE ALARMS

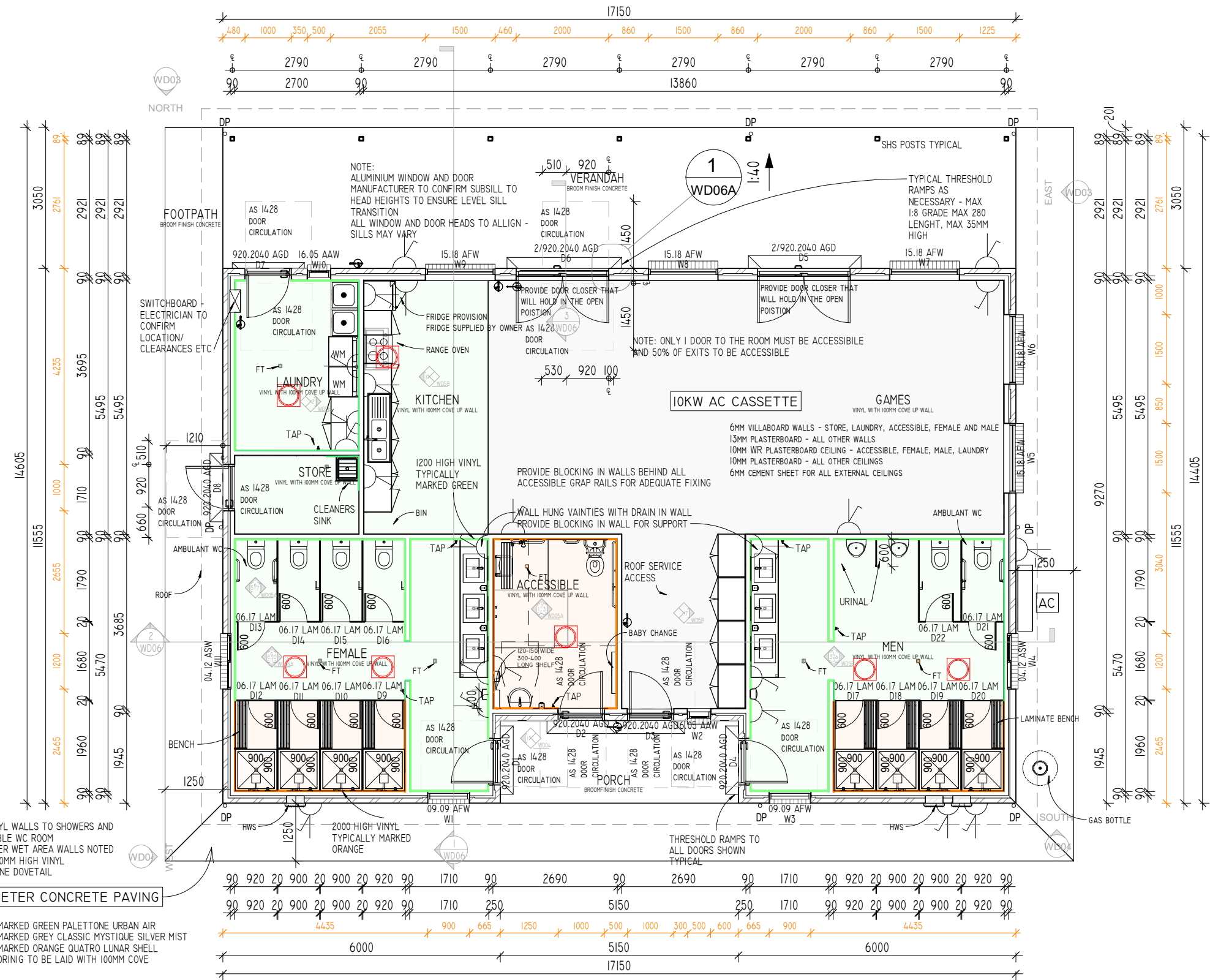
DUCTED EXHAUST FAN

DUCTED EXHAUST FAN



VISUAL SCALE 1:100 @ A3

DO NOT SCALE DRAWINGS
WRITTEN DIMENSIONS TO TAKE PRECEDENCE

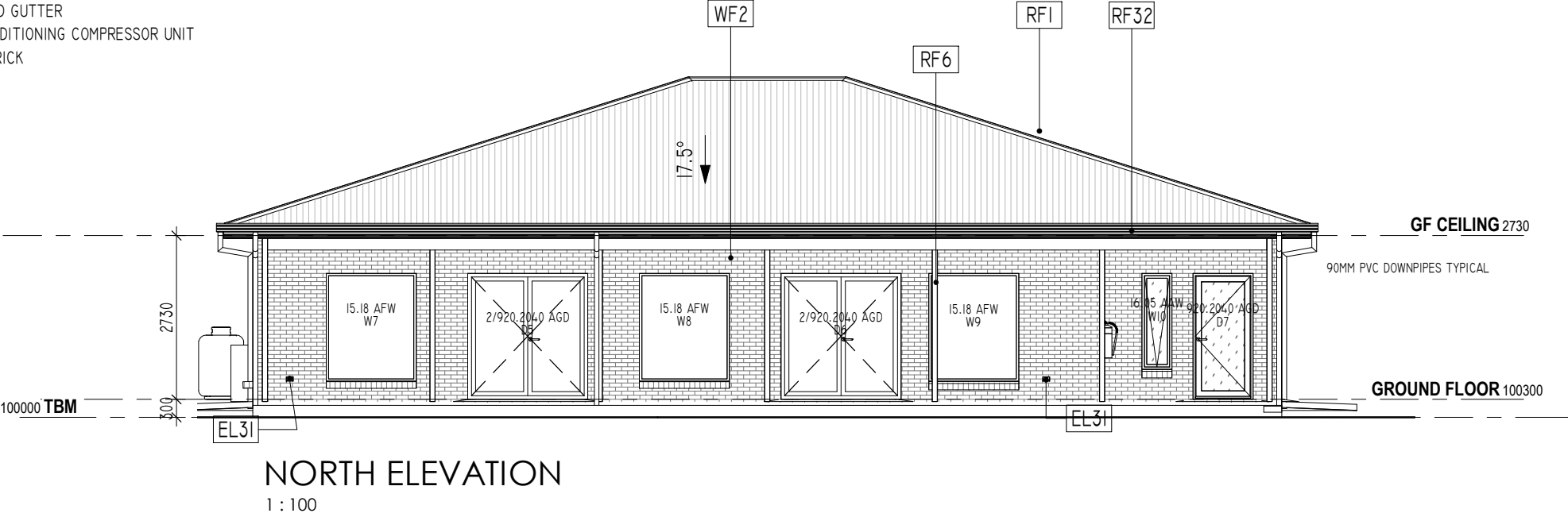


GROUND FLOOR

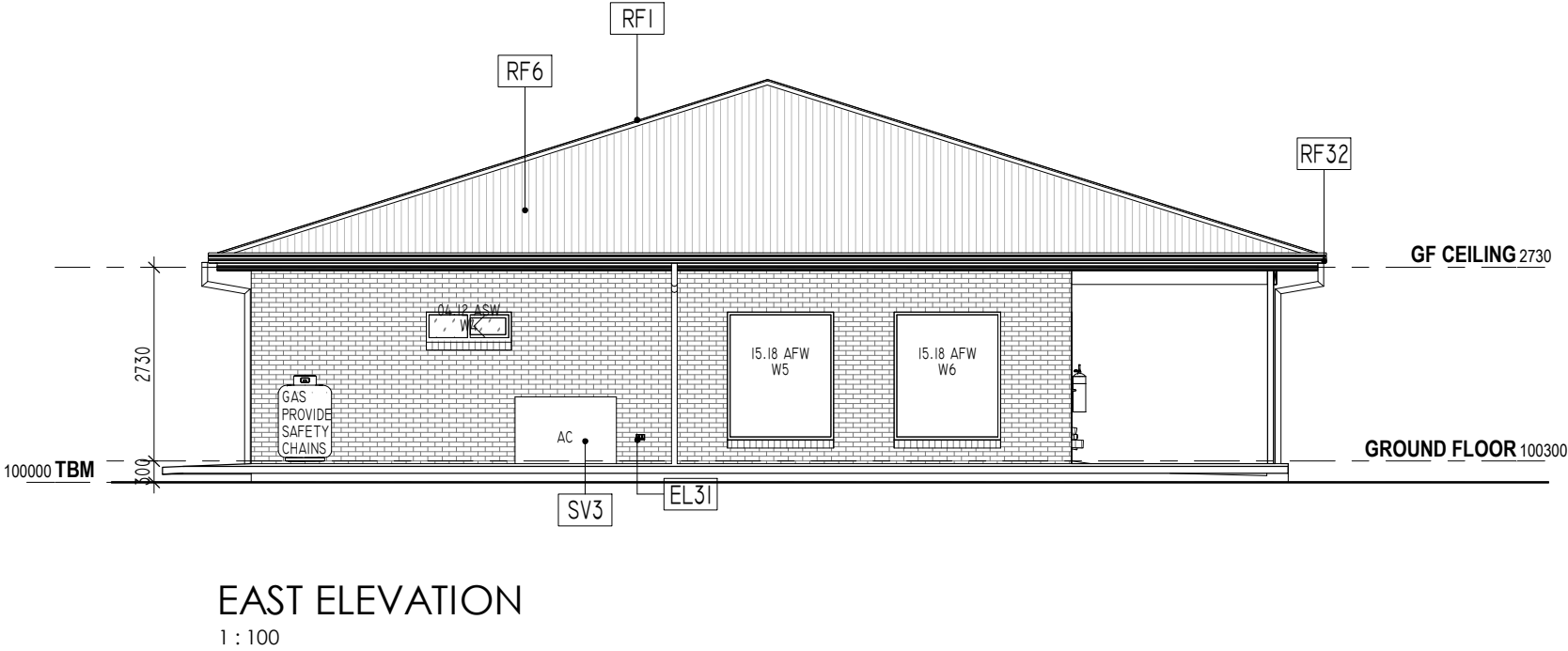
1 : 100

KEYNOTES

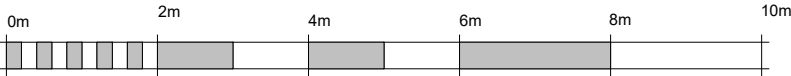
CODE	DESCRIPTION
EL31	WATERPROOF POWER
RF1	COLORBOND CUSTOM ORB
RF6	STEEL FASCIA
RF32	SLOTTED GUTTER
SV3	AIR CONDITIONING COMPRESSOR UNIT
WF2	FACE BRICK



NORTH ELEVATION
1 : 100



EAST ELEVATION
1 : 100



VISUAL SCALE 1:100 @ A3

DO NOT SCALE DRAWINGS
WRITTEN DIMENSIONS TO TAKE PRECEDENCE

DO NOT SCALE
DRAWINGS

BUILDER TO VERIFY ALL WORK
INCLUDING DIMENSIONS AND
LEVELS
BEFORE BUILDING
COMMENCES

This drawing and associated drawings in the drawing set ("the documents") are copyright © Alexstar Enterprises PTY LTD ("Alexstar Building Design"). Do not copy or reproduce for any purpose without the prior written consent of Alexstar Building Design. All rights are reserved. This building has been designed with standard loadings only, specific loads like waterbeds, solar panels and A/C systems are not included unless specifically noted. All colours and materials are indicative only until selections. All 3D images are indicative only for illustration purposes. Furniture and cabinetry are drawn for illustration purposes only. Selections will take precedence over anything shown for illustration.

REVISIONS

REV G
1/9/22

EDENHOPE
CARAVAN PK
AMENITIES
NEW
CONSTRUCTION
LAKE STREET
EDENHOPE

PROJECT NUMBER
20-22

DATE
1/6/22

SCALE
1 : 100 (A3)

DRAWING
NORTH & EAST
ELEVATIONS
ISSUE:
DESIGN

NO
WD03

VIC REG
DP-AD 59100

DO NOT SCALE
DRAWINGS

BUILDER TO VERIFY ALL WORK
INCLUDING DIMENSIONS AND
LEVELS
BEFORE BUILDING
COMMENCES

This drawing and associated drawings in the drawing set ("the documents") are copyright © Alexstar Enterprises PTY LTD ("Alexstar Building Design"). Do not copy or reproduce for any purpose without the prior written consent of Alexstar Building Design. All rights are reserved. This building has been designed with standard loadings only, specific loads like waterbeds, solar panels and A/C systems are not included unless specifically noted. All colours and materials are indicative only until selections. All 3D images are indicative only for illustration purposes. Furniture and cabinetry are drawn for illustration purposes only. Selections will take precedence over anything shown for illustration.

REVISIONS

REV G
1/9/22

EDENHOPE
CARAVAN PK
AMENITIES
NEW
CONSTRUCTION
LAKE STREET
EDENHOPE

PROJECT NUMBER
20-22

DATE
1/6/22

SCALE
As indicated (A3)

DRAWING
SOUTH & WEST
ELEVATIONS
ISSUE:
DESIGN

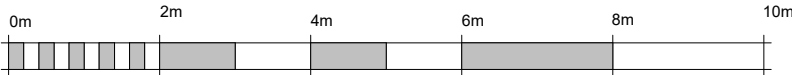
NO
WD04

VIC REG
DP-AD 59100

KEYNOTES

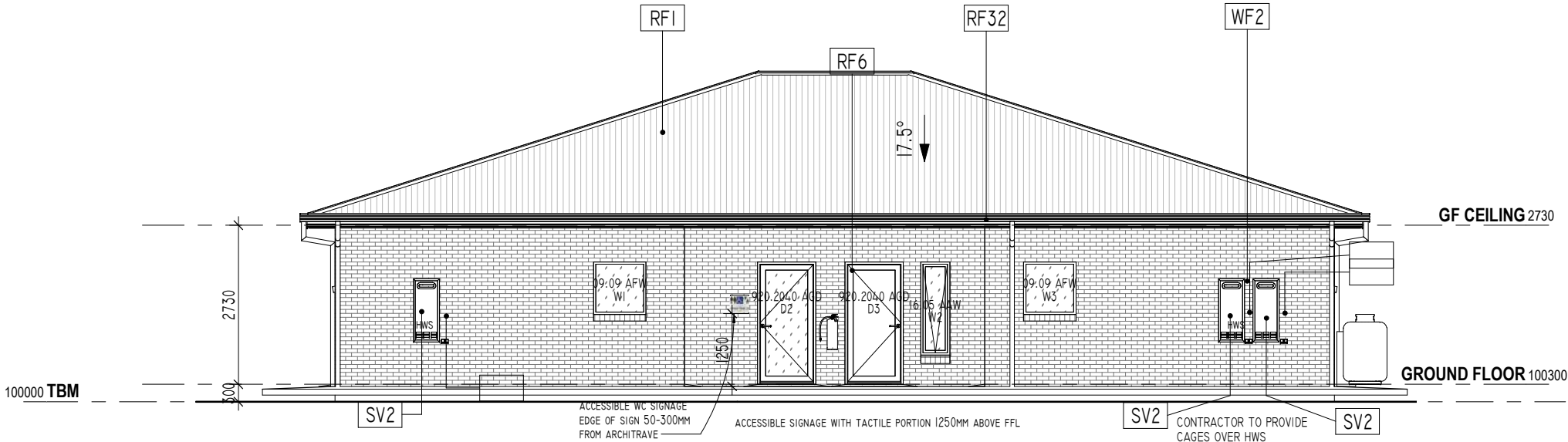
CODE DESCRIPTION

RF1 COLORBOND CUSTOM ORB
RF6 STEEL FASCIA
RF32 SLOTTED GUTTER
SV2 HOT WATER SERVICE
WF2 FACE BRICK

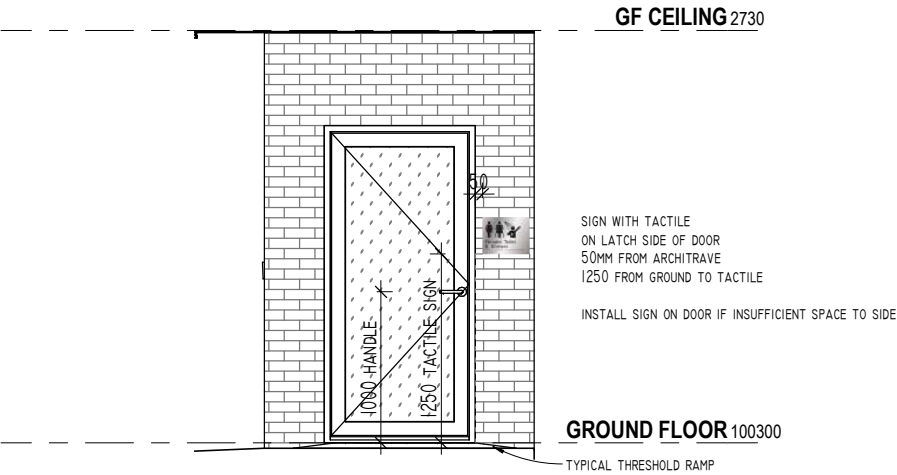


VISUAL SCALE 1:100 @ A3

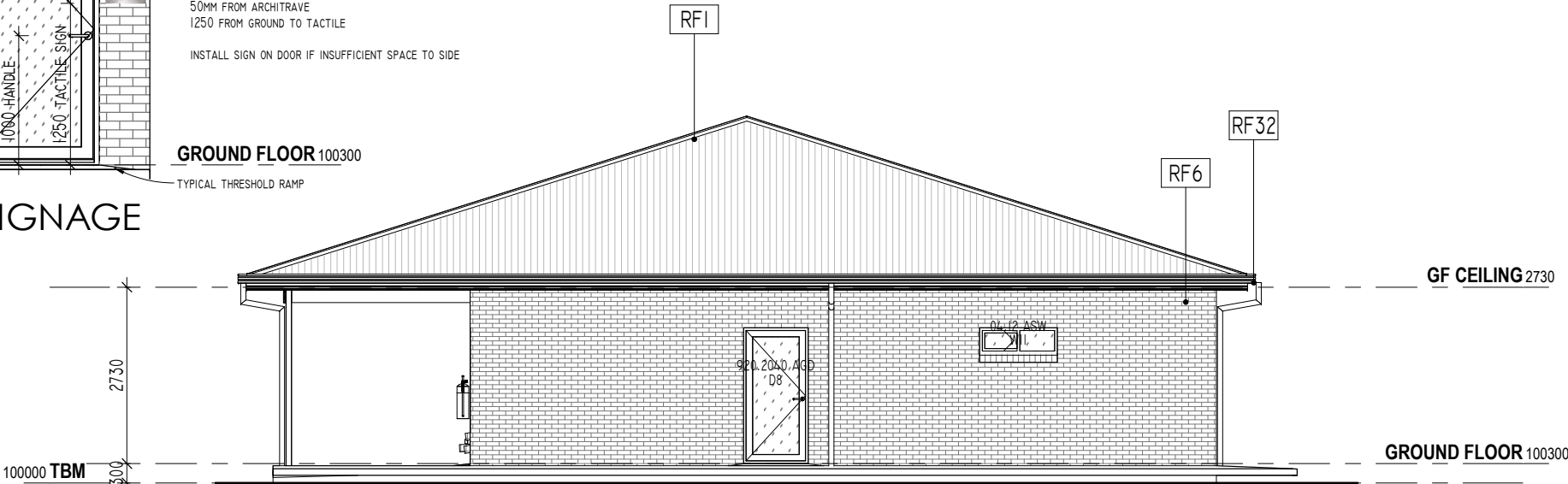
DO NOT SCALE DRAWINGS
WRITTEN DIMENSIONS TO TAKE PRECEDENCE



SOUTH ELEVATION
1 : 100



TYPICAL DOOR SIGNAGE
1 : 50

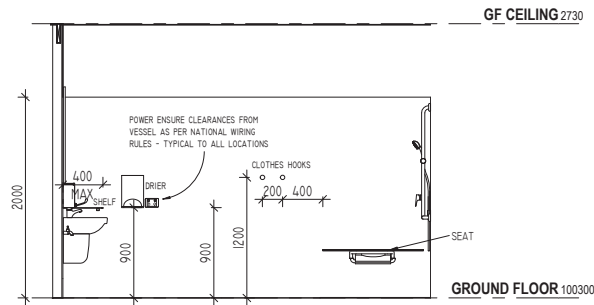


WEST ELEVATION
1 : 100

**DO NOT SCALE
DRAWINGS**

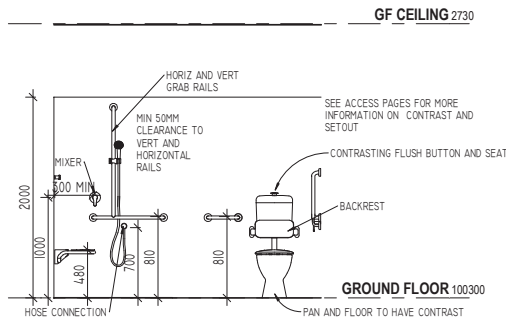
BUILDER TO VERIFY ALL WORK
INCLUDING DIMENSIONS AND
LEVELS
BEFORE BUILDING
COMMENCES

This drawing and associated drawings in the drawing set ("the documents") are copyright © Alexstar Enterprises PTY LTD ("Alexstar Building Design"). Do not copy or reproduce for any purpose without the prior written consent of Alexstar Building Design. All rights are reserved. This building has been designed with standard loadings only, specific loads like waterbeds, solar panels and A/C systems are not included unless specifically noted. All colours and materials are indicative only until selections. All 3D images are indicative only for illustration purposes. Furniture and cabinetry are drawn for illustration purposes only. Selections will take precedence over anything shown for illustration.



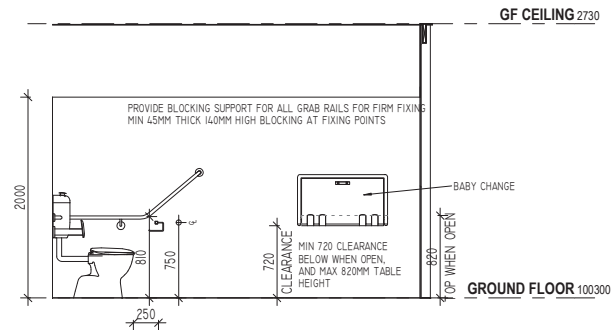
ACCESSIBLE 1

1 : 50



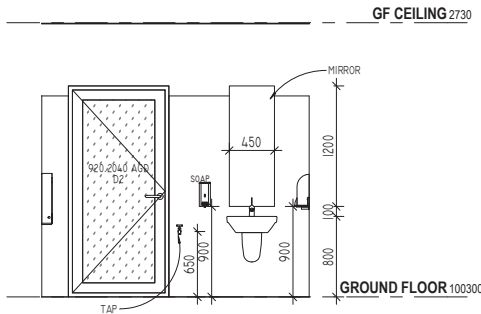
ACCESSIBLE 2

1 : 50



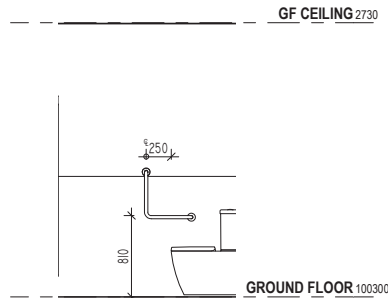
ACCESSIBLE 3

1 : 50



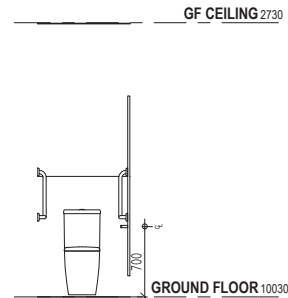
ACCESSIBLE 4

1 : 50



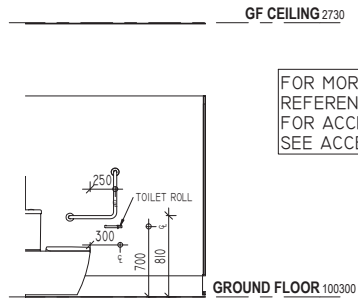
AMBULANT 1

1 : 50



AMBULANT 2

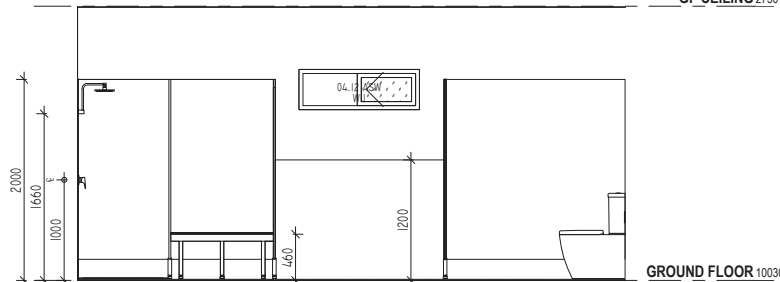
1 : 50



AMBULANT 3

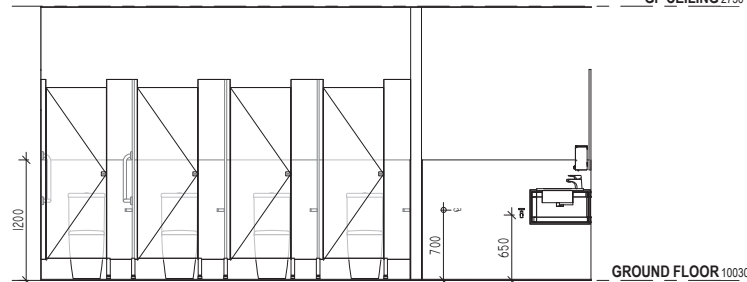
1 : 50

FOR MORE DETAILED
REFERENCE TO ASI428
FOR ACCESSIBLE FITOUT,
SEE ACCESS SHEETS



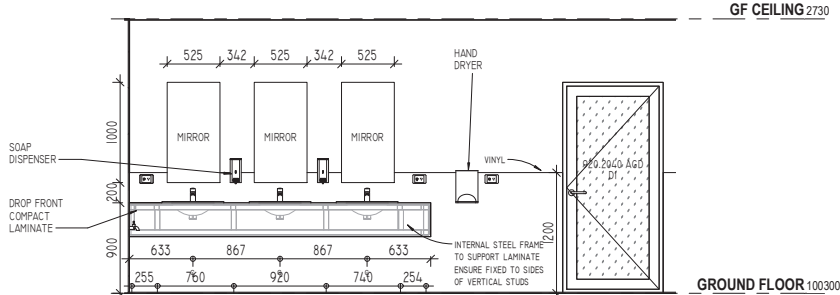
FEMALE 1

1 : 50



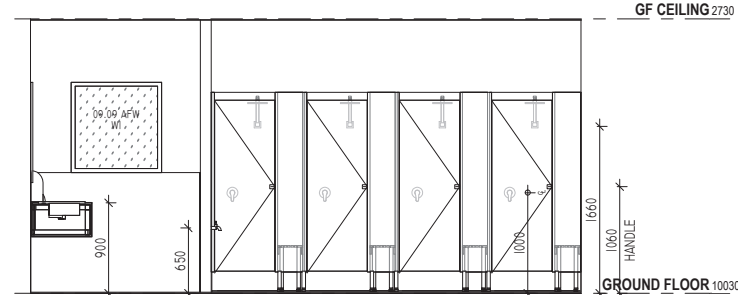
FEMALE 2

1 : 50



FEMALE 3

1 : 50



FEMALE 4

1 : 50

REVISIONS

REV G
14/9/22

EDENHOPE
CARAVAN PK
AMENITIES
NEW
CONSTRUCTION
LAKE STREET
EDENHOPE

PROJECT NUMBER
20-22

DATE
1/6/22

SCALE
1 : 50 (A3)

DRAWING
INTERNAL ELEVATIONS

ISSUE:
DESIGN

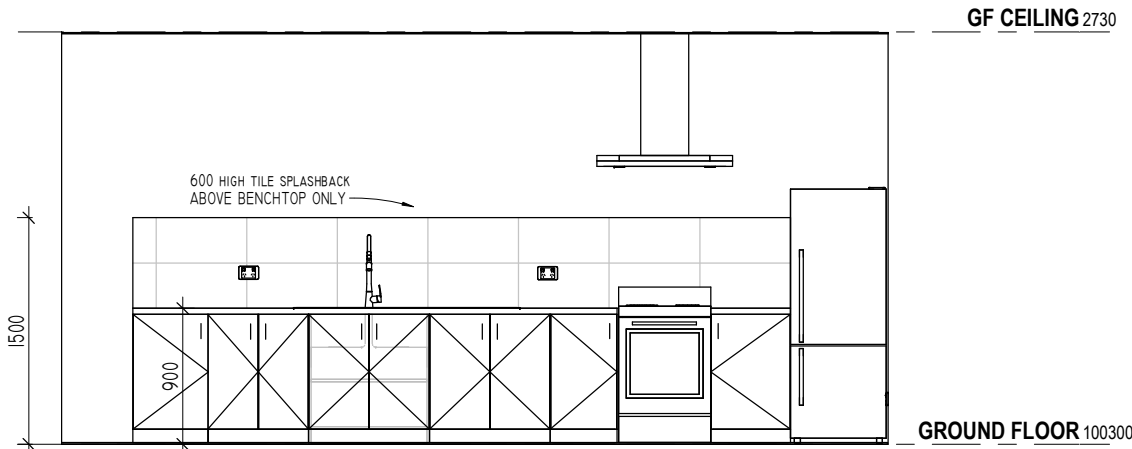
NO
WD05A

VIC REG
DP-AD 59100

DO NOT SCALE DRAWINGS

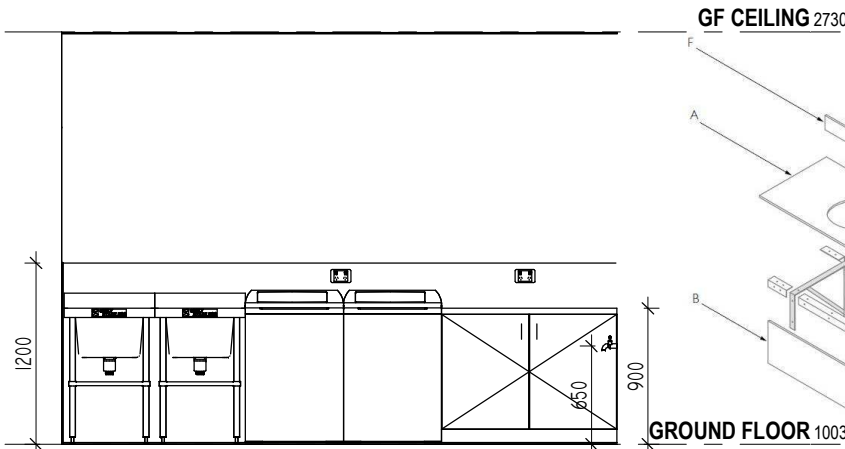
BUILDER TO VERIFY ALL WORK
INCLUDING DIMENSIONS AND
LEVELS
BEFORE BUILDING
COMMENCES

This drawing and associated drawings in the drawing set ("the documents") are copyright © Alexstar Enterprises PTY LTD ("Alexstar Building Design"). Do not copy or reproduce for any purpose without the prior written consent of Alexstar Building Design. All rights are reserved. This building has been designed with standard loadings only, specific loads like waterbeds, solar panels and A/C systems are not included unless specifically noted. All colours and materials are indicative only until selections. All 3D images are indicative only for illustration purposes. Furniture and cabinetry are drawn for illustration purposes only. Selections will take precedence over anything shown for illustration.



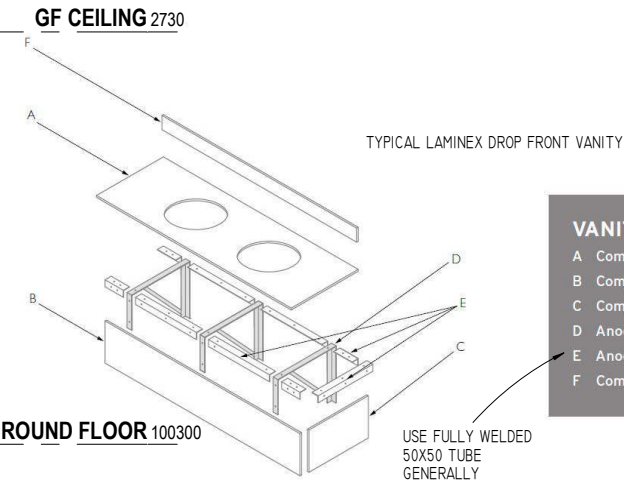
KITCHEN

1 : 50



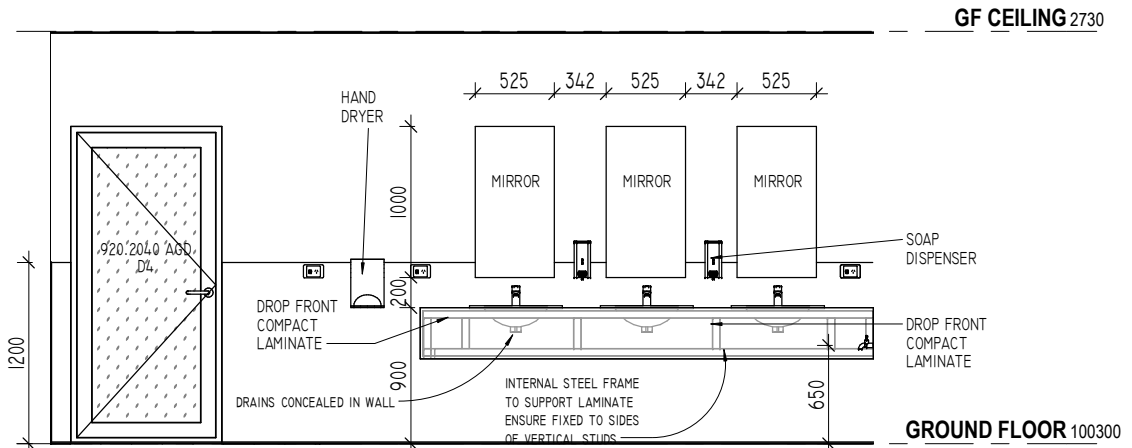
LAUNDRY

1 : 50



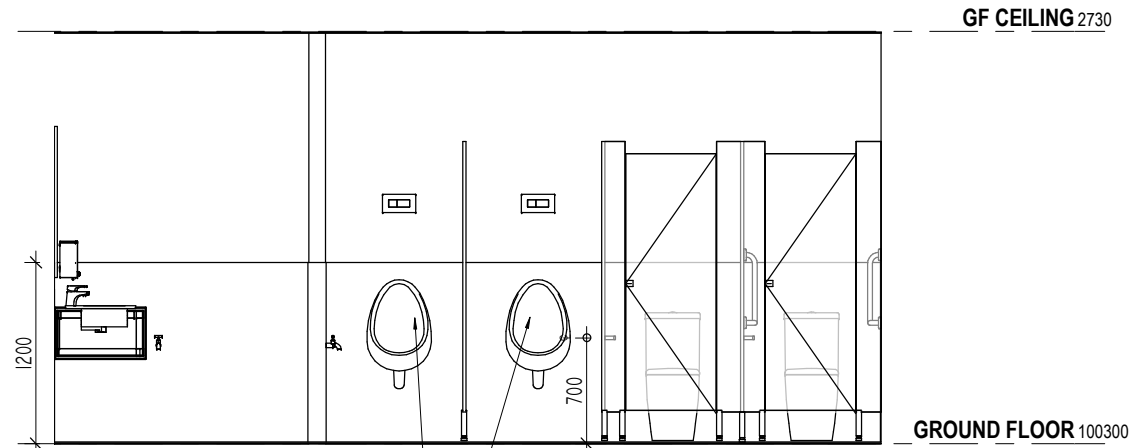
VANITY COMPONENTS

- A Compact Laminex top
- B Compact Laminex apron
- C Compact Laminex apron return
- D Anodized aluminium vanity brackets
- E Anodized aluminium fixing angle
- F Compact Laminex splashback



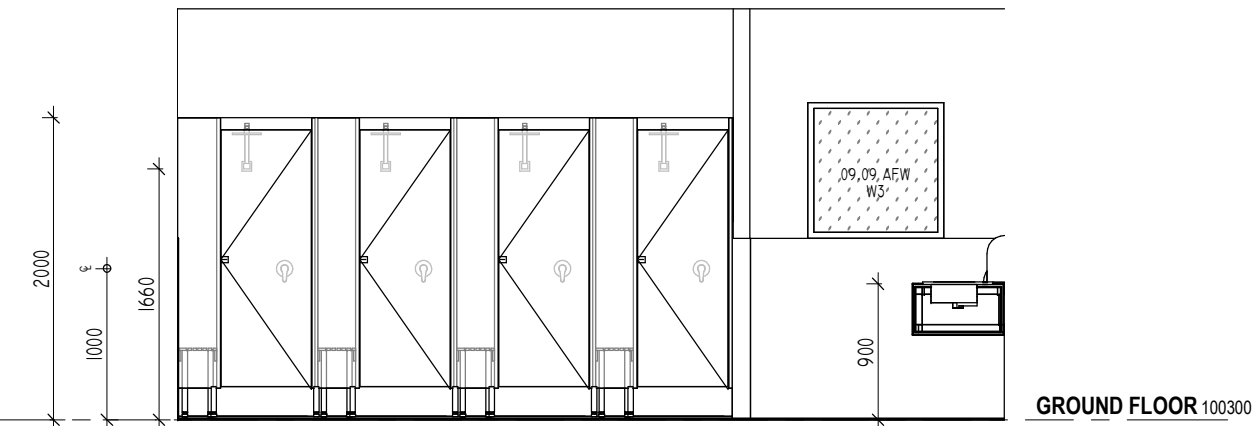
MEN 1

1 : 50



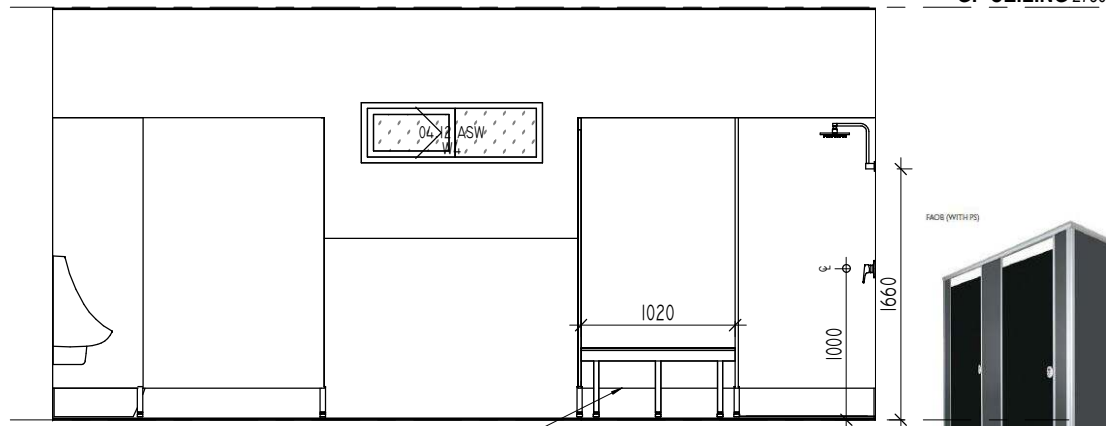
MEN 2

1 : 50



MEN 3

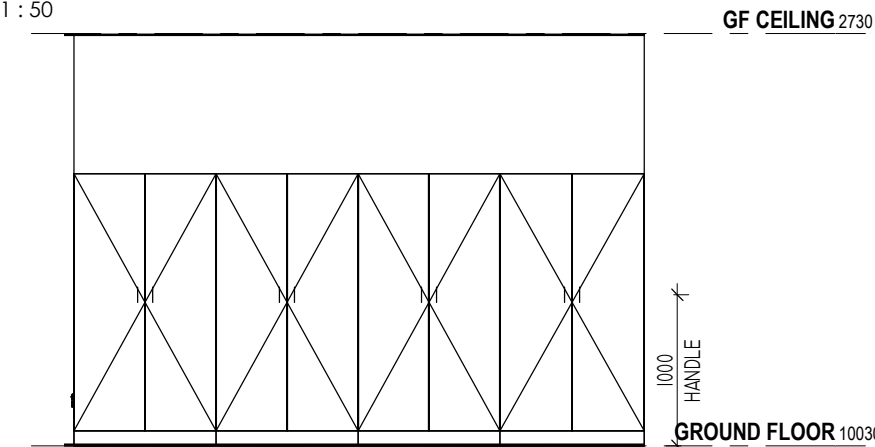
1 : 50



MEN 4

1 : 50

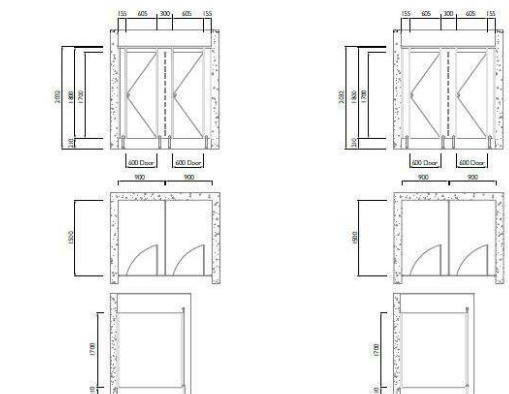
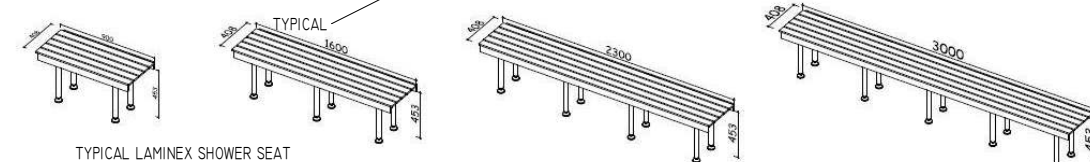
GF CEILING 2730



STORAGE CABINETS

1 : 50

SEATING SYSTEMS APPLICATION WALL MOUNTED SEATING



REVISIONS

REV G
1/9/22

EDENHOPE
CARAVAN PK
AMENITIES
NEW
CONSTRUCTION
LAKE STREET
EDENHOPE

PROJECT NUMBER
20-22

DATE
1/6/22

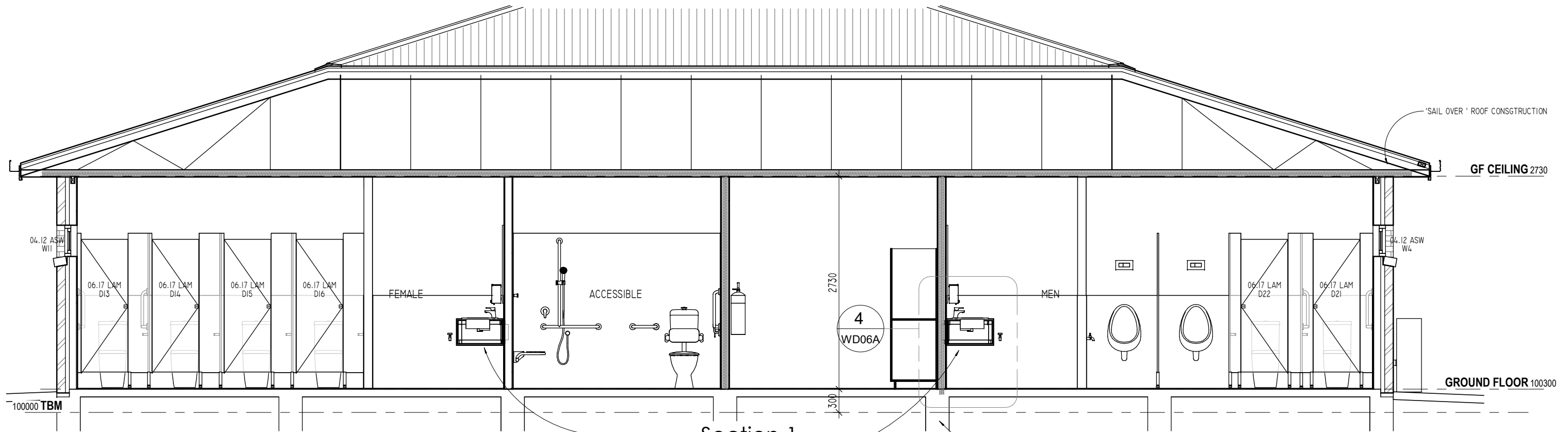
SCALE
1 : 50 (A3)

DRAWING
INTERNAL ELEVATIONS

ISSUE:
DESIGN

NO
WD5B

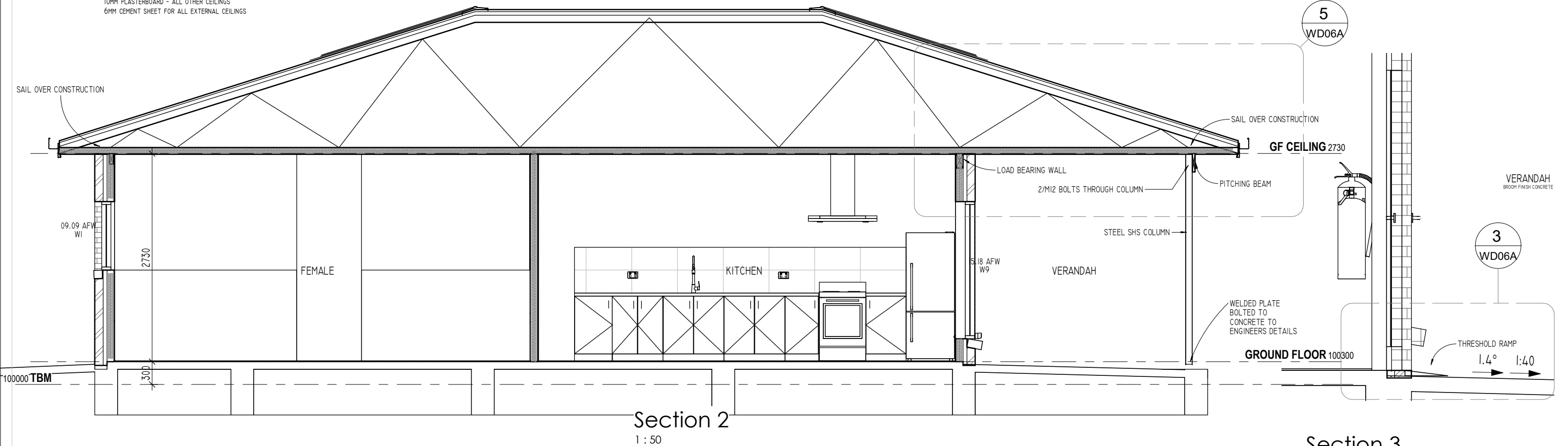
VIC REG
DP-AD 59100



6MM VILLABOARD WALLS - STORE, LAUNDRY, ACCESSIBLE, FEMALE AND MALE
13MM PLASTERBOARD - ALL OTHER WALLS
10MM WR PLASTERBOARD CEILING - ACCESSIBLE, FEMALE, MALE, LAUNDRY
10MM PLASTERBOARD - ALL OTHER CEILINGS
6MM CEMENT SHEET FOR ALL EXTERNAL CEILINGS

TYPICAL - 50X50 SHS FRAME
WALL FRAME WITH MIN 50mm
WITH MIN 3 10MM BOLTS A'1 : 50
VERTICAL LEG

FOOTINGS TO ENGINEERS DETAILS



5
WD06A

3
WD06A

Section 3
1 : 25

ALEXSTAR
BUILDING DESIGN

mob 0400 251 245
e geoff@alexstar.com.au

VIC REG DP-AD 59100

This drawing and associated drawings in the drawing set ("the documents") are copyright © Alexstar Enterprises PTY LTD ("Alexstar Building Designs"). Do not copy or reproduce for any purpose without the prior written consent of Alexstar Building Designs. All rights are reserved. This building has been designed with standard loadings only, specific loads like waterbeds, solar panels and A/C systems are not included unless specifically noted. All colours and materials are indicative only until selections. All 3D images are indicative only for illustration purposes. Furniture and cabinetry are drawn for illustration purposes only. Selections will take precedence over anything shown for illustration.

REVISIONS
REV G
1/9/22

EDENHOPE CARAVAN
PK AMENITIES
LAKE STREET
EDENHOPE

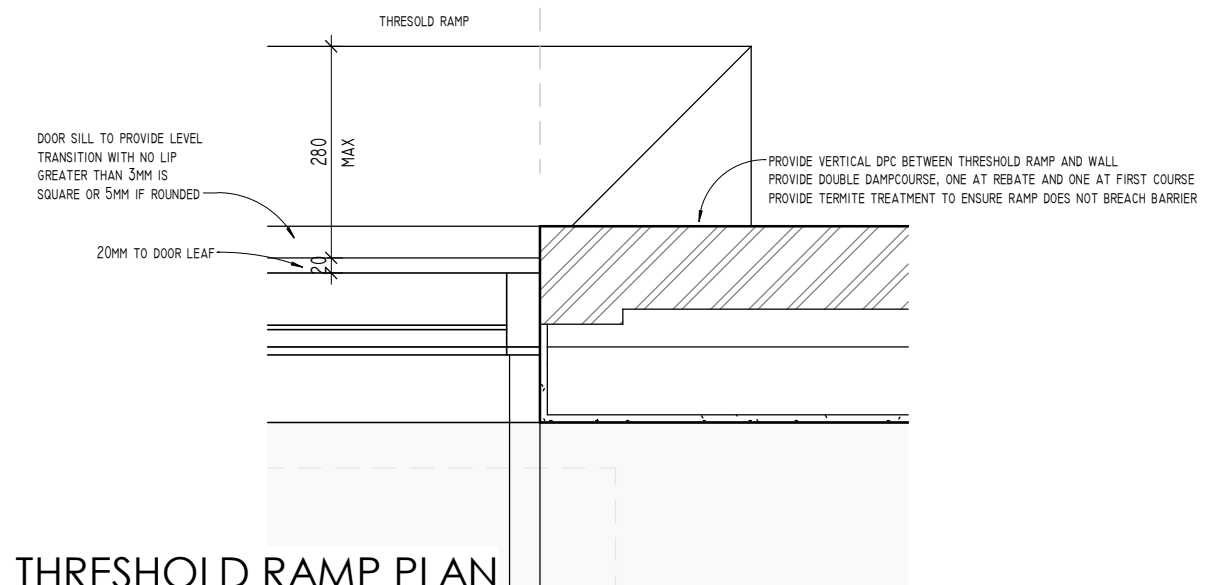
SCALE
As indicated (A3)
DRAWING
SECTIONS

ISSUE:
DESIGN

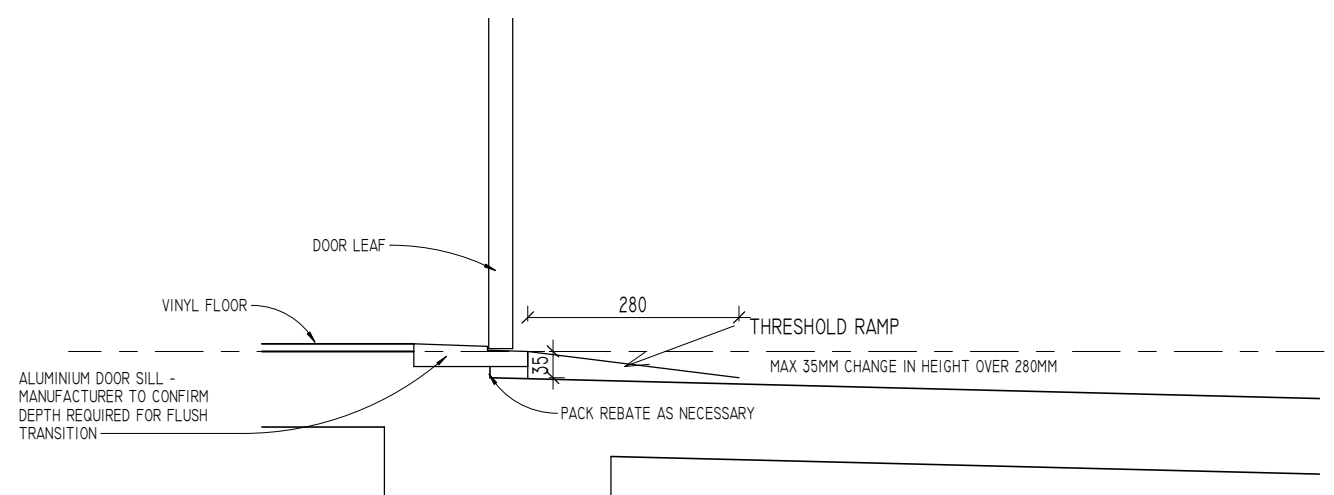
PROJECT NUMBER
20-22
DATE
1/6/22
NO
WD06

**DO NOT SCALE
DRAWINGS**

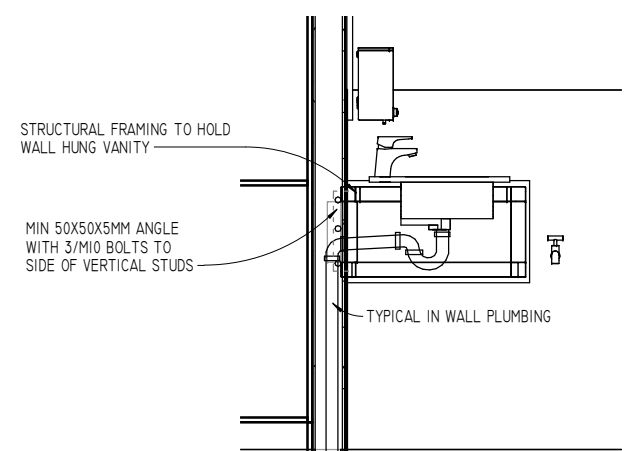
BUILDER TO VERIFY ALL WORK
INCLUDING DIMENSIONS AND
LEVELS
BEFORE BUILDING COMMENCES



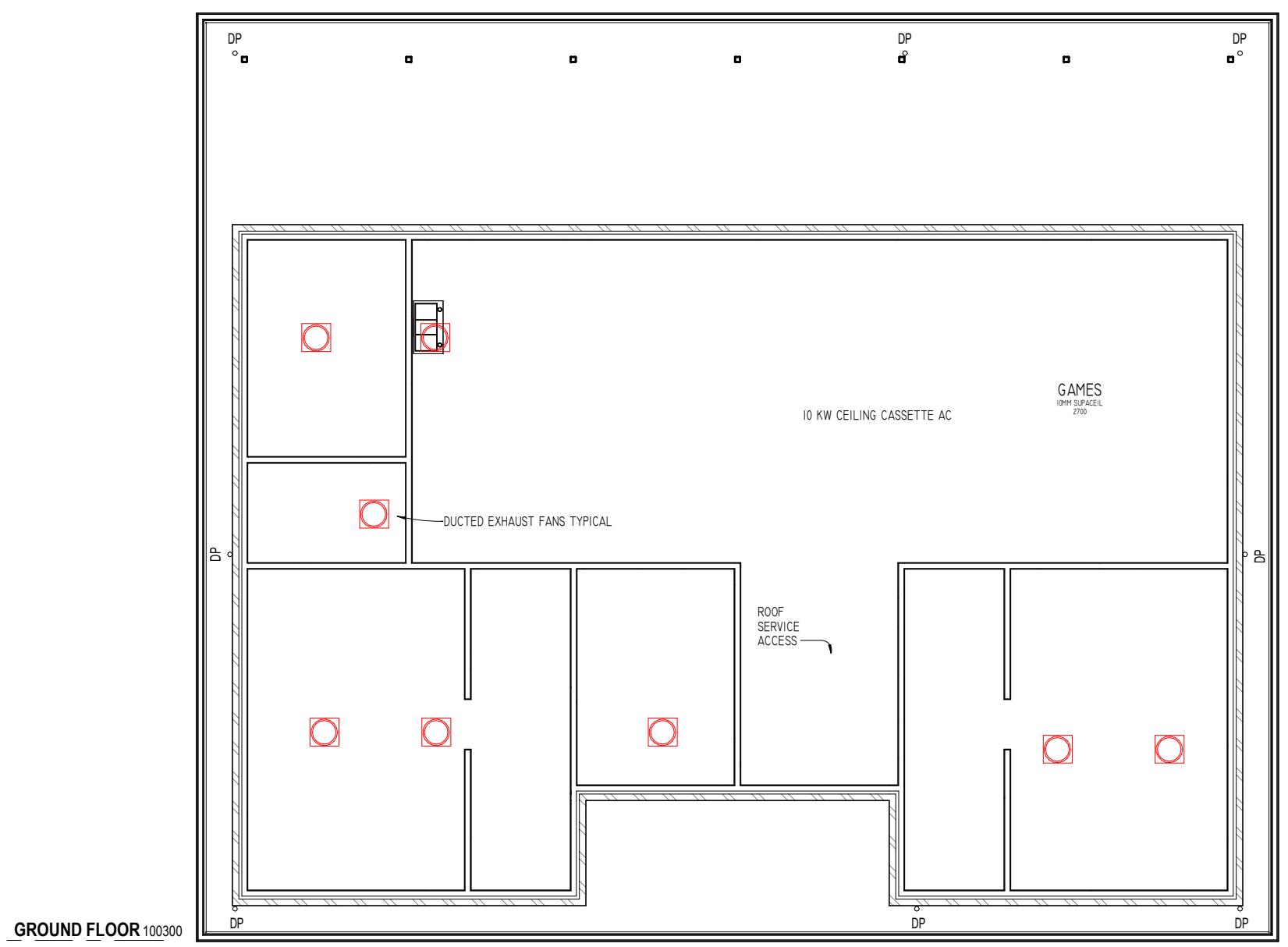
THRESHOLD RAMP PLAN
1 : 10



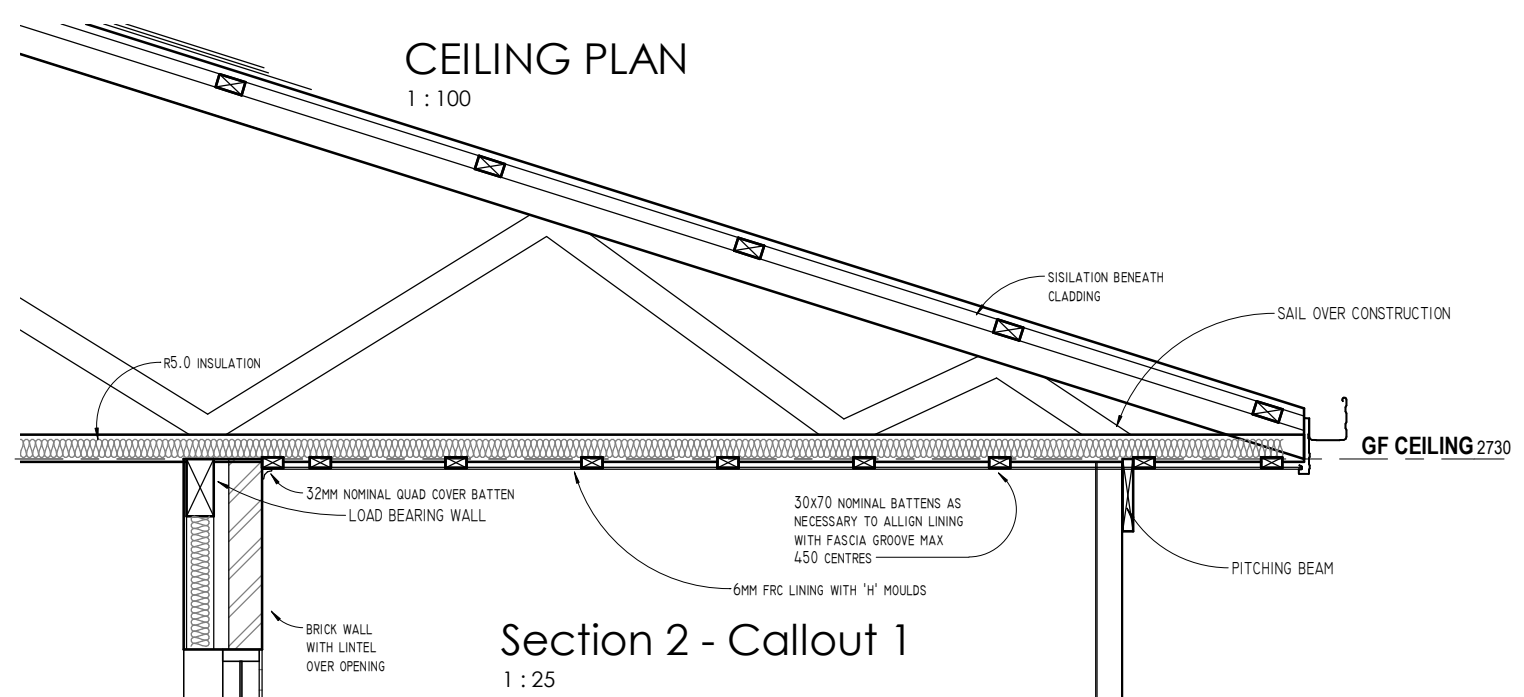
THRESHOLD RAMP
1 : 10



TYPICAL BASIN DRAIN SETUP
1 : 25



GROUND FLOOR 100300



Section 2 - Callout 1
1 : 25

DO NOT SCALE
DRAWINGS

BUILDER TO VERIFY ALL WORK
INCLUDING DIMENSIONS AND
LEVELS
BEFORE BUILDING
COMMENCES

This drawing and associated drawings in the drawing set ("the documents") are copyright © Alexstar Enterprises PTY LTD ("Alexstar Building Design"). Do not copy or reproduce for any purpose without the prior written consent of Alexstar Building Design. All rights are reserved. This building has been designed with standard loadings only, specific loads like waterbeds, solar panels and A/C systems are not included unless specifically noted. All colours and materials are indicative only until selections. All 3D images are indicative only for illustration purposes. Furniture and cabinetry are drawn for illustration purposes only. Selections will take precedence over anything shown for illustration.

REVISIONS

REV G
1/9/22

EDENHOPE
CARAVAN PK
AMENITIES
NEW
CONSTRUCTION
LAKE STREET
EDENHOPE

PROJECT NUMBER
20-22

DATE
1/6/22

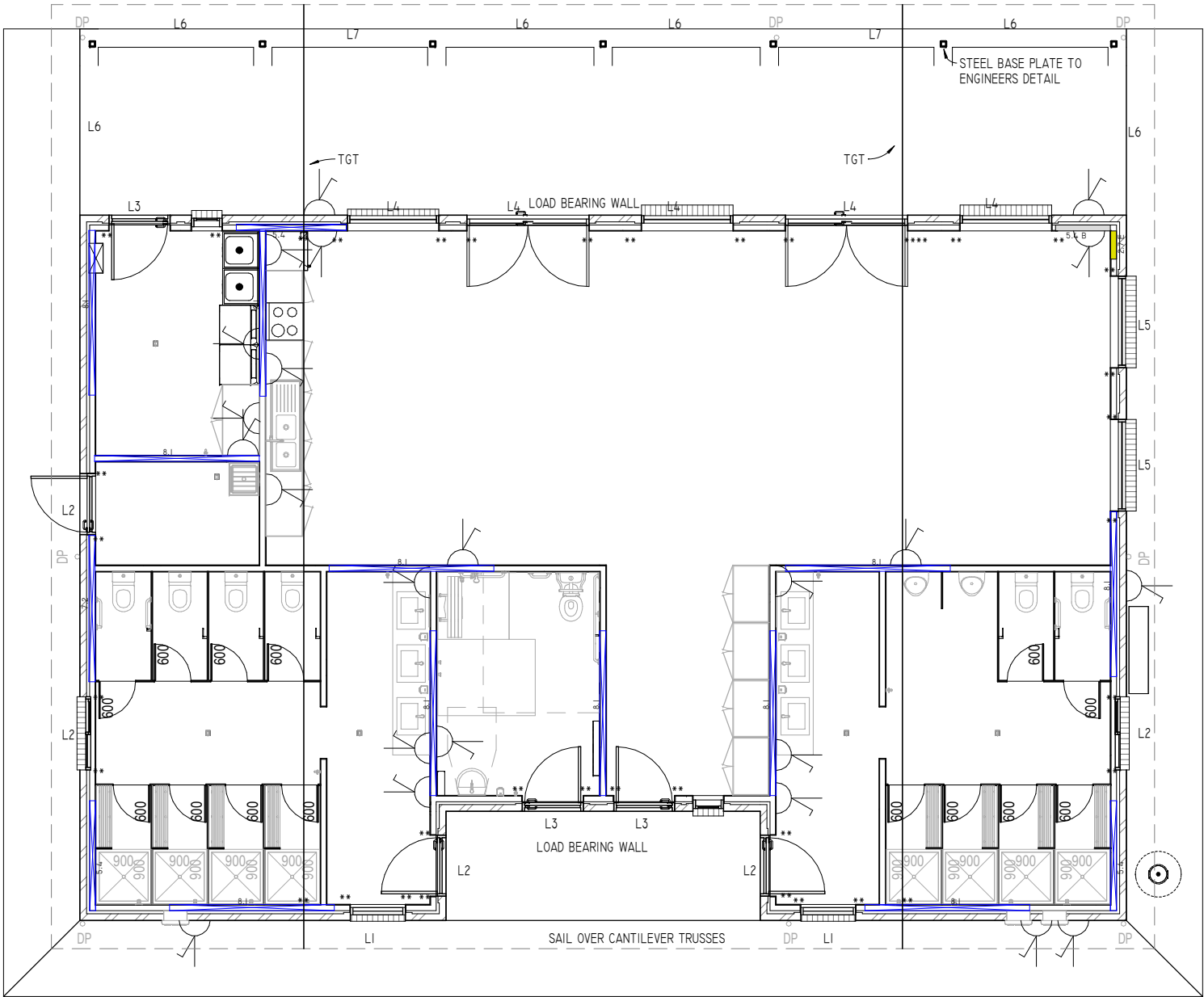
SCALE
1 : 100 (A3)

DRAWING
WALL FRAME

ISSUE:
DESIGN

NO
WD08

VIC REG
DP-AD 59100



N3 DESIGN WIND SPEED

PROVIDE 2/90 x 45 SUPPORT STUDS FOR POINT LOADS

TIE DOWNS

PURLIN TO TRUSS 2.3kN

USE 1/NO 14 TYPE 17 BATTEN SCREW

TRUSS TO TOP PLATE 12kN EACH END

USE 1 LOOPED STRAP PER CONNECTION

TOP AND BOTTOM PLATE TO STUD 6.0kN/M (3.6kN EVERY STUD)

USE GALV STRAP 4 NAILS EACH END AT

EVERY STUD

L4 TIE DOWN 12kN EACH END USE 2 GALV STRAP WITH 6 NAILS EACH END

WALL FRAME

1 : 100

N3 DESIGN WIND SPEED

WIND DIRECTION 1
51 M2 X 1.1kPa = 56.1 kN
76.23 kN PROVIDED

WIND DIRECTION 2
43.5M2 X 1.1kPa = 47.85kN
51.4kN PROVIDED

USE GENERALLY 3kN/M CROSSED STRAP BRACED
WHERE NOTED 'B' USE 6kN/M BRACE BOARD
WHERE NOTED 'C' USE 9kN/M BRACE BOARD WITH M12 RODS MIN 1800MM CENTRES
WHERE NOTED 'E' USE 6kN/M BRACE BOARD PATTERN WITH M12 BOLT FROM TOP PLATE TO FOOTING AT EACH END OF THE BRACE

90X45 STUDS - 450 CENTRES GENERALLY TO LOAD BEARING WALLS
90X45 STUDS 450 CENTRES TO WET AREAS AND TILED WALLS

** JAMB STUDS GENERALLY 2/90X45
SILL TRIMMERS - USE 2/90X45 UP TO 3M WIDE, USE 3/90X45 UP TO 4.2M WIDE
ALL TIMBER MGP10 UNLESS OTHERWISE NOTED

USE ALL H3 TREATED TIMBER EXTERNALLY
INTERNALLY USE H2 TREATED TIMBER IF NO OTHER TERMITE TREATMENT PROVIDED IN ACCORDANCE WITH AS3660
FOR IN GROUND USE, TIMBER TO BE H4 TREATED
WHERE A HIGH WATER TABLE EXISTS, IN GROUND TIMBER TO BE H5 TREATED

L1 = 140x45
L2 = 90x45
L3 = 190X35
L4 = 2/190X45
L5 = 120X35
L6 = 190X45
L7 = 2/190X45

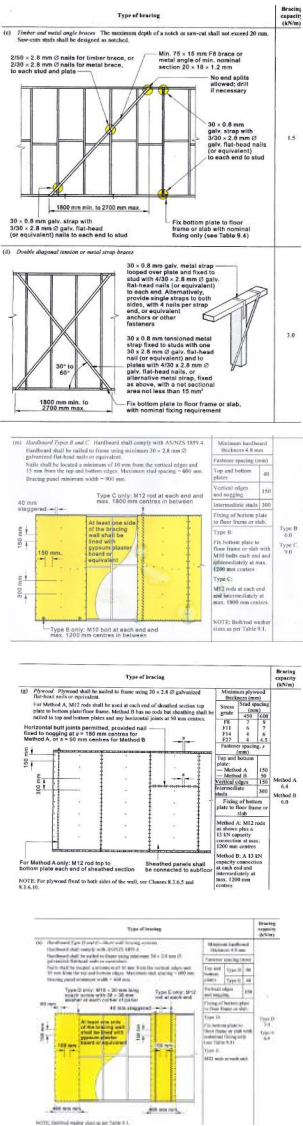
FOR CONSISTENT APPEARANCE, L6 AND L7 CAN BE SUBSTITUTED WITH 240X35 MGP10

5.4
6.3
7.2
8.1

8.1 C
10.8 C

5.4 B
7.2 B

2.7 E



KEYNOTES

CODE	DESCRIPTION
RF1	COLORBOND CUSTOM ORB
RF32	SLOTTED GUTTER

DO NOT SCALE
DRAWINGS

BUILDER TO VERIFY ALL WORK
INCLUDING DIMENSIONS AND
LEVELS
BEFORE BUILDING
COMMENCES

MANUFACTURERS DETAILS TO TAKE PRECEDENCE
THIS LAYOUT PROVIDED TO DETERMINE APPROX LOAD
POINTS
IF LOAD POINTS VARY - MANUFACTURER TO PROVIDE
APPROPRIATE SUPPORT DETAILS, OR CONTACT THIS OFFICE
IMMEDIATELY FOR WALL FRAME AMENDMENT

ALL TIMBER MG10 UNLESS OTHERWISE NOTED
USE ALL H3 TREATED TIMBER FOR EXTERNAL USE
USE H2 TREATED TIMBER INTERNALLY

ROOF TRUSSES TO MANUFACTURERS SPECIFICATION
MAX 900MM CENTRES
PROVIDE 90X45 BC STABILISERS MAX 1800MM CENTRES
PROVIDE 90X35 INTERMEDIATE CEILING JOISTS

90x45 PURLINS MAX 900MM CENTRES - MAY BE SUBSTITUTED
WITH STEEL ROOF PURLINS TO MANUFACTURERS
SPECIFICATION

This drawing and associated drawings in the drawing set ("the documents") are copyright © Alexstar Enterprises PTY LTD ("Alexstar Building Design"). Do not copy or reproduce for any purpose without the prior written consent of Alexstar Building Design. All rights are reserved. This building has been designed with standard loadings only, specific loads like waterbeds, solar panels and A/C systems are not included unless specifically noted. All colours and materials are indicative only until selections. All 3D images are indicative only for illustration purposes. Furniture and cabinetry are drawn for illustration purposes only. Selections will take precedence over anything shown for illustration.

REVISIONS

REV G
1/9/22

EDENHOPE
CARAVAN PK
AMENITIES
NEW
CONSTRUCTION
LAKE STREET
EDENHOPE

PROJECT NUMBER
20-22

DATE
1/6/22

SCALE
1 : 100 (A3)

DRAWING
ROOF

ISSUE:
DESIGN

NO
WD10

VIC REG
DP-AD 59100

CONNECT DOWNPIPES TO EXISTING RAIN WATER TANK AND
OVERFLOW SYSTEM

SPEED BRACE TO
MANUFACTURERS SPECIFICATION

LOAD BEARING WALL - TRUSSES SUPPORTED ON WALL

LOAD BEARING WALL

'SAIL OVER' CANTILEVER TRUSSES

ROOF
1 : 100

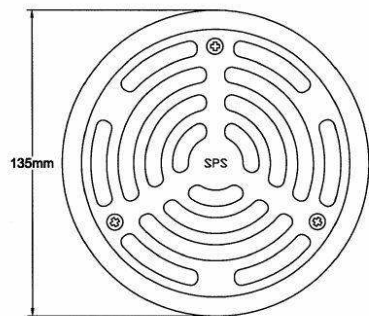
ROOF FRAME
1 : 100

DO NOT SCALE DRAWINGS

BUILDER TO VERIFY ALL WORK
INCLUDING DIMENSIONS AND
LEVELS
BEFORE BUILDING
COMMENCES

This drawing and associated drawings in the drawing set ("the documents") are copyright © Alexstar Enterprises PTY LTD ("Alexstar Building Design"). Do not copy or reproduce for any purpose without the prior written consent of Alexstar Building Design. All rights are reserved. This building has been designed with standard loadings only, specific loads like waterbeds, solar panels and A/C systems are not included unless specifically noted. All colours and materials are indicative only until selections. All 3D images are indicative only for illustration purposes. Furniture and cabinetry are drawn for illustration purposes only. Selections will take precedence over anything shown for illustration.

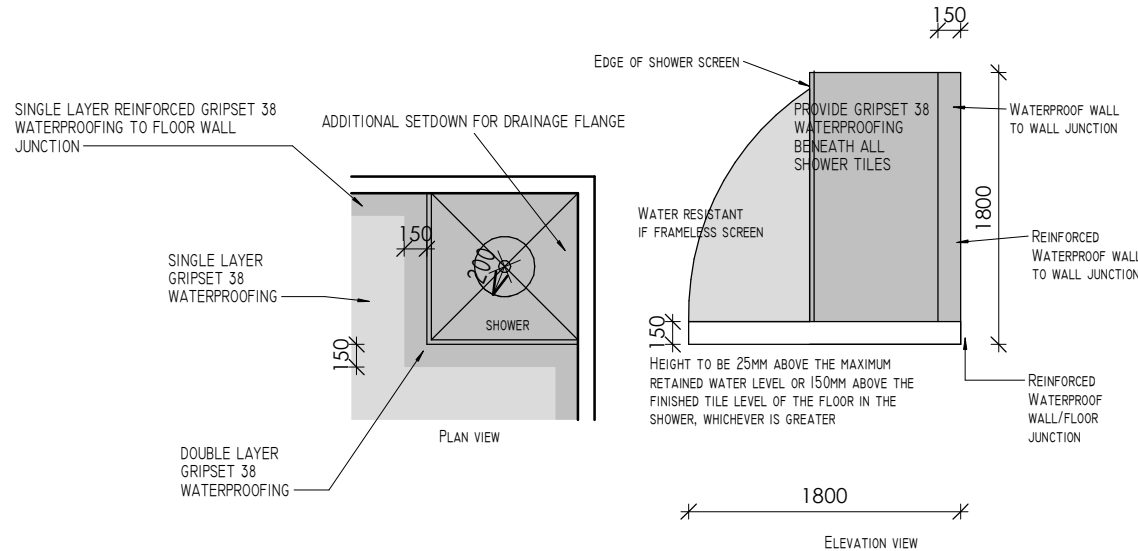
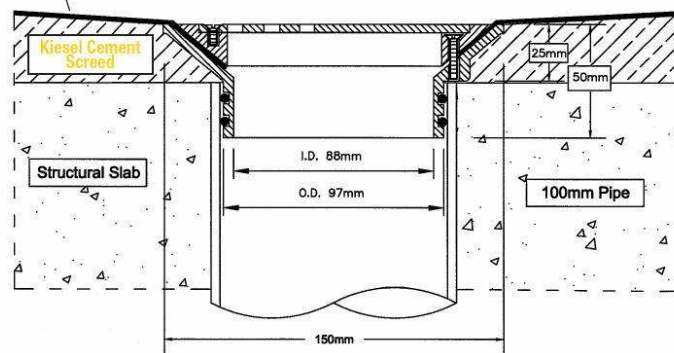
Specification codes:
V100CPA (Bronze body, chrome-plated ring & grate)
V100SBA (Brass body, polished 304 SS ring & grate)
V100SSA (Assembly in polished 316 stainless steel)



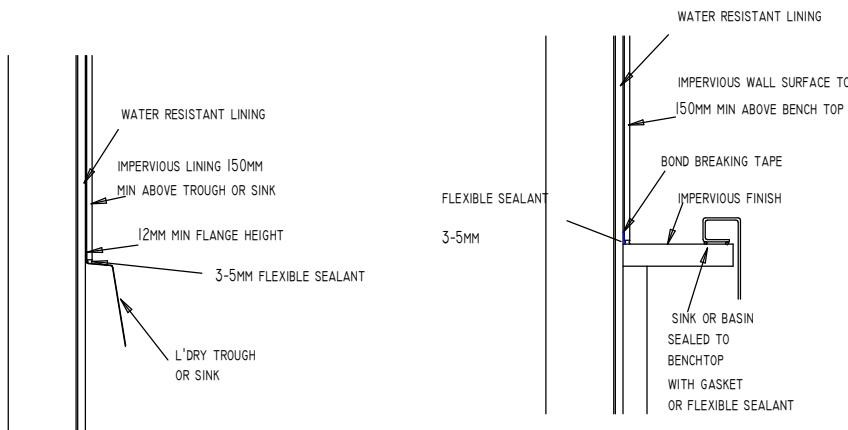
- Push-in floor waste assembly for sheet vinyl flooring.
- Vinyl floor drain body available in brass, bronze or 316 stainless steel.
- Ring & grate available in chrome-plated bronze or polished 304 and 316 stainless steel.
- O-rings adapt spigot to 100mm PVC, copper, HDPE and CI pipe.

Polysafe Sustainable
Slip Floorcovering

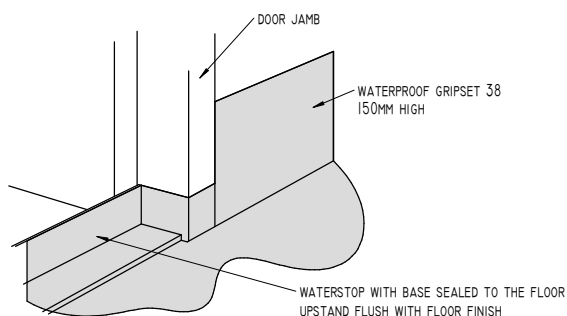
Typical Application



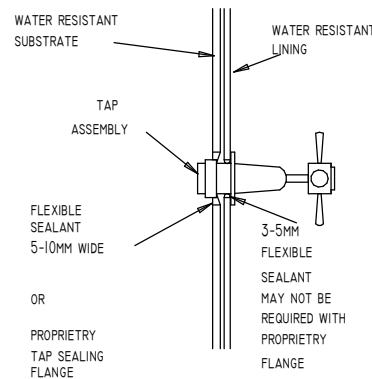
ENCLOSED SHOWER AREAS NTS



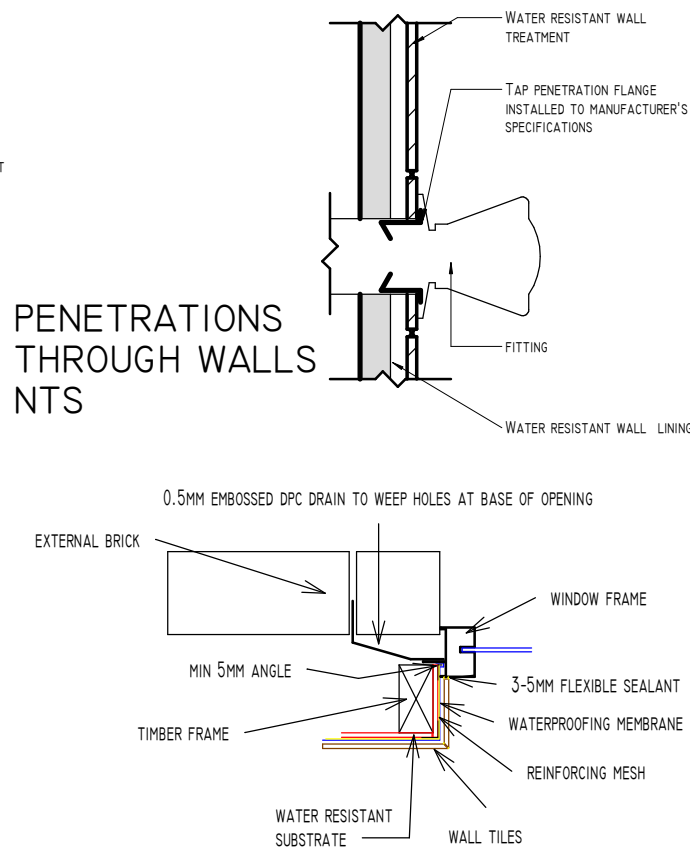
WALL RECESSED SINK OR BASIN INSET SINK OR BASIN



WATERSTOP AT DOOR JUNCTION



TAP PENETRATION THROUGH WALL



WET AREA WINDOW

REVISIONS

REV G
1/9/22

EDENHOPE
CARAVAN PK
AMENITIES
NEW
CONSTRUCTION
LAKE STREET
EDENHOPE

PROJECT NUMBER
20-22

DATE
1/6/22

SCALE
As indicated (A3)

DRAWING
WET AREAS

ISSUE:
DESIGN

NO
WD11

VIC REG
DP-AD 59100

ALL HINGED DOORS TO AN ENCLOSED W/C TO BE PROVIDED WITH ESCAPE HINGES, OR SHALL SWING OUT OF THE ENCLOSURE

ALL GLAZING TO BE IN ACCORDANCE WITH ASI288
MANUFACTURED WINDOWS AND DOORS TO BE IN ACCORDANCE WITH AS 2047
UNFRAMED GLASS DOORS MIN 10MM TOUGHENED SAFETY GLASS - FRAMED GLASS DOORS (MAX 2M2) 4MM GRADE A TOUGHENED SAFETY GLASS
SIDELIGHTS TO BE 4MM GRADE A TOUGHENED SAFETY GLASS
FULL HEIGHT GLAZED PANELS THAT COULD POSSIBLY BE MISTAKEN FOR A DOOR GRADE A SAFETY GLASS 4MM - 2M2, 5MM - 3M2, 6MM - 4M2
ALL GLAZING IN BATHROOM TO BE GRADE A SAFETY GLASS. MINIMUM THICKNESS FOR SHOWER DOOR 6MM

PROVIDE FRAMING TO ASI684.2
CEILING JOISTS GENERALLY 90X45 MGPI0 AT 600MM CENTRES (INTERMEDIATE TO TRUSSES)
PROVIDE 90X45 MGPI0 PURLINS - MAY BE SUBSTITUTED WITH STEEL PURLINS TO MANUFACTURERS SPECIFICATION
PROVIDE 90X45 MGPI0 TOP PLATES (TRENCHED)
PROVIDE 90X45 BOTTOM PLATES (TRENCHED)
PROVIDE 90X35 WALL STUDS GENERALLY
PROVIDE 90X45 WALL STUDS FOR WALLS OVER 2700MM.
STUD SPACING GENERALLY 450MM AND 450MM TO WET AREAS
PROVIDE 90X35 NOGGING AT MAX 1350MM CENTRES
PROVIDE 90X45 BC STABILISERS/HANGERS AT MAX 1800MM CENTRES
FOR WINDOWS OVER 3M IN WIDTH USE 2/90X35 SILL TRIMMERS

CLADDING

SHEET ROOFING TO BE FIXED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATION

PROVIDE GENERALLY 75MM DIA DOWNPIPES TO 90MM COMMON DRAINS UNLESS OTHERWISE NOTED

EXTERNAL LININGS AND CLADDINGS TO BE FIXED TO MANUFACTURERS SPECIFICATION - ENSURE BREATHABLE MOISTURE BARRIERS ARE INSTALLED BEHIND CLADDINGS

ALL TIMBER FRAMING TO BE IN ACCORDANCE WITH ASI684.2 2021 DETAILS TO BE PROVIDED BY TRUSS MANUFACTURER AND TIMBER SUPPLIER OR ENGINEER AS APPROPRIATE

STRUCTURAL STEEL MEMBERS TO BE IN ACCORDANCE WITH ENGINEERS DETAILS.

STRUCTURAL STEEL INTERNALLY IN A PERMANENTLY DRY LOCATION REQUIRES NO 'PROTECTIVE COATING', ALL OTHER AREAS PROVIDE HOT DIP GALVANISED STEEL TO 300G/M2

CORROSION RESISTANCE		
MORE THAN 1KM FROM BREAKING SURF OR MORE THAN 100M FROM NON-BREAKING SURF	INTERNAL	NO PROTECTION NECESSARY
	EXTERNAL	2 COATS OF ALKYD PRIMER OR GLOSS OR HOT DIP GALV 300G/M2 OR HOT DIP GALV 100G/M2 PLUS 1 COAT VINYL PRIMER OR GLOSS
WITHIN 1KM OF BREAKING SURF OR LESS THAN 100M FROM NON-BREAKING SURF	INTERNAL	2 COATS OF ALKYD PRIMER OR GLOSS
	EXTERNAL	INORGANIC ZINC PRIMER PLUS 2 COATS VINYL GLOSS OR HOT DIP GALV 300G/M2 OR HOT DIP GALV 100G/M2 PLUS 2 COATS VINYL PRIMER OR GLOSS

ENERGY EFFICIENCY

ZONE 6

INTERNAL LIGHTING MAX 5W/M2

EXTERNAL LIGHTING MAX 4W/M2

PROVIDE DRAUGHT EXCLUSION DEVICES TO ALL EXTERNAL DOORS AND WINDOWS

WINDOWS TO BE IN ACCORDANCE WITH AS 2047 AND ASI288 WITH A MINIMUM 1000/150 RATING

PROVIDE SHUTTERS TO EXHAUST FANS TO HABITABLE ROOMS

GLAZING TO ATTACHED GLAZING CALCULATOR OR ENERGY ASSESSMENT

ROOF INSULATION
ALL INSULATION SHALL BE IN ACCORDANCE WITH AS/NZS4859.1 AND SHALL BE INSTALLED SO THAT IT FORMS A CONTINUOUS BARRIER AND ABUTS OR OVERLAPS ADJOINING INSULATION OR SUPPORTS
WHERE SISILATION IS USED AS A VAPOUR BARRIER IT MUST ALSO BE SUITABLY BREATHABLE TO MINIMISE MOULD FORMATION

WHERE DOWN LIGHTS ARE PROPOSED ENSURE ALL DOWNLIGHTS ARE FITTED WITH HEAT SHIELD COVERS

TOTAL R4.1 FOR WHITE ROOF (ADD R3.5 TO CEILING AND R0.3 TO UNDERSIDE OF ROOF)

WALL INSULATION

TOTAL R2.8

ADD R2.5 FOR CLAD FRAME AND BRICK VENEER

HEATING AND COOLING DUCTWORK TO HAVE A MINIMUM RI.0 (45MM GLASSWOOL OR 70MM

POLYESTER)WITH FITTINGS TO HAVE R0.4

WATER HEATER

INSTANTANEOUS GAS HOT WATER SERVICE WITH 5 STAR RATING OR BETTER

Part J1 Building Fabric

J1.2 Thermal construction — general

(a) Where required, insulation must comply with AS/NZS 4859.1 and be installed so that it—

- (i) abuts or overlaps adjoining insulation other than at supporting members such as studs, noggings, joists, furring channels and the like where the insulation must be against the member; and
- (ii) forms a continuous barrier with ceilings, walls, bulkheads, floors or the like that inherently contribute to the thermal barrier; and
- (iii) does not affect the safe or effective operation of a service or fitting.

(b) Where required, reflective insulation must be installed with—

- (i) the necessary airspace to achieve the required R-Value between a reflective side of the reflective insulation and a building lining or cladding; and
- (ii) the reflective insulation closely fitted against any penetration, door or window opening; and
- (iii) the reflective insulation adequately supported by framing members; and
- (iv) each adjoining sheet of roll membrane being—
(A) overlapped not less than 50 mm; or
(B) taped together.

(c) Where required, bulk insulation must be installed so that—

- (i) it maintains its position and thickness, other than where it is compressed between cladding and supporting members, water pipes, electrical cabling or the like; and
- (ii) in a ceiling, where there is no bulk insulation or reflective insulation in the wall beneath, it overlaps the wall by not less than 50 mm.

(d) Roof, ceiling, wall and floor materials, and associated surfaces are deemed to have the thermal properties listed in Specification J1.2.

(e) The required Total R-Value and Total System U-Value, including allowance for thermal bridging, must be—

- (i) calculated in accordance with AS/NZS 4859.2 for a roof or floor; or
- (ii) determined in accordance with Specification J1.5a for wall-glazing construction; or
- (iii) determined in accordance with Specification J1.6 or Section 3.5 of CIBSE Guide A for soil or sub-floor spaces.

Part J3 Building Sealing

The Deemed-to-Satisfy Provisions of this Part apply to elements forming the envelope of a Class 2 to 9 building

J3.3 Roof lights

Not applicable

J3.4 Windows and doors

(a) A door, openable window or the like must be sealed—

- (i) when forming part of the envelope; or
- (ii) in climate zones 4, 5, 6, 7 or 8.

(b) The requirements of (a) do not apply to—

- (i) a window complying with AS 2047; or
- (ii) a fire door or smoke door; or
- (iii) a roller shutter door, roller shutter grille or other security door or device installed only for out-of-hours security.

(c) A seal to restrict air infiltration—

- (i) for the bottom edge of a door, must be a draft protection device; and
- (ii)for the other edges of a door or the edges of an openable window or other such opening, may be a foam or rubber compression strip, fibrous seal or the like.

(d) An entrance to a building, if leading to a conditioned space must have an airlock, self-closing door, rapid roller door, revolving door or the like, other than—

- (i) where the conditioned space has a floor area of not more than 50 m2;

J3.5 Exhaust fans

(a) An exhaust fan must be fitted with a sealing device such as a self-closing damper or the like when serving—

- (i) a conditioned space; or
- (ii) a habitable room in climate zones 4, 5, 6, 7 or 8

J3.6 Construction of ceilings, walls and floors

(a) Ceilings, walls, floors and any opening such as a window frame, door frame, roof light frame or the like must be constructed to minimise air leakage in accordance with (b) when forming part of—

- (i) the envelope; or
- (ii) in climate zones 4, 5, 6, 7 or 8.

(b) Construction required by (a) must be—

- (i) enclosed by internal lining systems that are close fitting at ceiling, wall and floor junctions; or
- (ii) sealed at junctions and penetrations with—
(A) close fitting architrave, skirting or cornice; or
(B) expanding foam, rubber compressible strip, caulking or the like.
(c) The requirements of (a) do not apply to openings, grilles or the like required for smoke hazard management.

STANDARD DETAILS
ONLY RELEVANT IF INCLUDED IN CONTRACT



e geoff@alexstar.com.au
mob 0400 251 245

DO NOT SCALE
DRAWINGS

BUILDER TO VERIFY ALL WORK
INCLUDING DIMENSIONS AND
LEVELS
BEFORE BUILDING
COMMENCES

This drawing and associated drawings in the drawing set ("the documents") are copyright © Alexstar Enterprises PTY LTD ("Alexstar Building Design"). Do not copy or reproduce for any purpose without the prior written consent of Alexstar Building Design. All rights are reserved. This building has been designed with standard loadings only, specific loads like waterbeds, solar panels and A/C systems are not included unless specifically noted. All colours and materials are indicative only until selections. All 3D images are indicative only for illustration purposes. Furniture and cabinetry are drawn for illustration purposes only. Selections will take precedence over anything shown for illustration.

REVISIONS

REV G
1/9/22

EDENHOPE
CARAVAN PK
AMENITIES
NEW
CONSTRUCTION
LAKE STREET
EDENHOPE

PROJECT NUMBER
20-22

DATE
1/6/22

SCALE
1 : 100 (A3)

DRAWING
NOTES

ISSUE:
DESIGN

NO
WD12

VIC REG
DP-AD 59100

GUTTERS AND OVERFLOWS

EAVES GUTTERS DESIGNED FOR 1 IN 20 YEAR RAINFALL EVENT MUST HAVE OVERFLOW DEVICES INSTALLED TO ENSURE 1 IN 100 YEAR EVENT DOES NOT BACKFLOW INTO THE BUILDING (NCC P2.2.1 (A))

WHERE EAVES GUTTERS ARE DESIGNED TO COPE WITH A 1 IN 100 YEAR EVENT NO ADDITIONAL OVERFLOW DEVICES ARE NECESSARY (NCC P2.2.1(B),(c))

THE RAINFALL INTENSITY FOR ADELAIDE FOR 1:100 YEAR EVENT IS 184MM/5MIN
FROM NCC TABLE 3.5.2.2 THE X-SECTIONAL AREA (ASSUMED AS CAPACITY FROM THE SUPPLIER TABLES RATHER THAN X-SECTIONAL AREA)

FOR 50M2 ROOF PER DOWNPIPE IS 6300MM2
FOR 60M2 ROOF PER DOWNPIPE IS 7900MM2

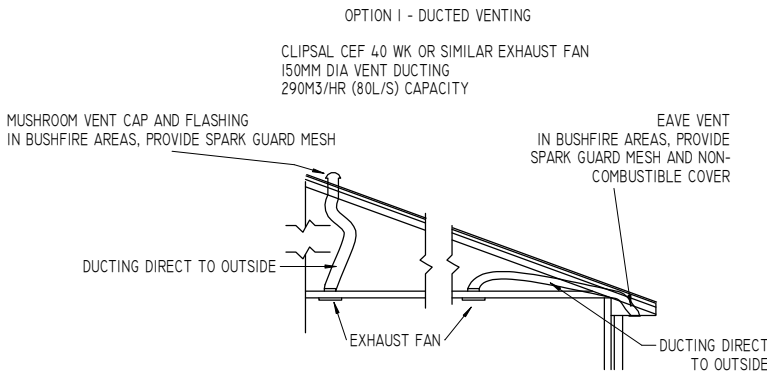
EXTERNAL WALL CLADDING MUST EXTEND MIN 50MM ABOVE EAVE LINE
EXTERNAL WALLS MUST HAVE SISILATION FROM TOP PLATE TO BOTTOM OF WALL DRAINING INTO DPC. TOP SHEETS MUST OVERLAP LOWER SHEETS SUCH THAT ANY MOISTURE FLOWS PAST THE JOIN

EAVES GUTTERS ARE TO BE DESIGNED AS FOLLOWS:


STRATCO GUTTERS
STANDARD '125 QUAD' CAPACITY 6697MM2 PROVIDE DOWNPIPES TO SERVICE MAXIMUM 50M2 ROOF 75MM DOWNPIPES
'EDGE' GUTTER CAPACITY 14856MM2 PROVIDE DOWNPIPES TO SERVICE MAXIMUM 60M2 ROOF 100X50 OR 90 DIA DOWNPIPES TO BE USED AS CAPACITY IS SIGNIFICANTLY GREATER THIS GUTTER MAY BE USED TO DESIGN DIRECTLY FROM AS3500 FOR LARGER ROOF AREAS
'OG' GUTTER CAPACITY 4432MM2 MUST BE DESIGNED WITH OVERFLOW DEVICES OR TO AS3500 PROVIDE DOWNPIPES TO SERVICE MAXIMUM 32M2 ROOF. 75MM DOWNPIPES
'HALF ROUND' GUTTER CAPACITY 7703MM2 PROVIDE DOWNPIPES TO SERVICE MAXIMUM 50M2 GUTTER 75MM DOWNPIPES
'QUARTER ROUND' GUTTER CAPACITY 6292MM2 PROVIDE DOWNPIPES TO SERVICE MAXIMUM 50M2 ROOF 75MM DOPNPIPES
'HIGH SQUARE' GUTTERS CAPACITY 6759MM2 PROVIDE ONLY AS BOUNDARY GUTTER TO SERVICE MAXIMUM 50M2 ROOF 75MM DOWNPIPES

SANITARY COMPARTMENT VENTING

VENTING TO BE PROVIDED AT A MINIMUM OF 25L/S FOR BATHROOMS AND TOILETS
VENTING TO BE PROVIDED AT A MINIMUM OF 40L/S FOR KITCHENS AND LAUNDRIES



VENTILATION OPENING SIZES MM2						
ROOM AREA M2	ROOF PITCH GREATER THAN 22	MIN AREA TO BE WITHIN 900MM OF RIDGE	AREA THAT COULD BE IN EAVES OR BELOW 900MM FROM RIDGE	ROOF PITCH LESS THAN 22	MIN AREA TO BE WITHIN 900MM OF RIDGE	AREA THAT COULD BE IN EAVES OR BELOW 900MM FROM RIDGE
4	13400 - 130 DIA	4000 - 71MM DIA	9400 - 96MMX96MM	26700 - 184MM DIA	8000 - 101MM DIA	18700 - 136MMX136MM
8	26700 - 184 DIA	8000 - 100MM DIA	18700 - 136MMX136MM	53400 - 260MM DIA	16000 - 142MM DIA	37400 - 193MMX193MM
12	40000 - 225 DIA	12000 - 123MM DIA	28000 - 167MMX167MM	80000 - 319MM DIA	24000 - 174MM DIA	56000 - 237MMX237MM
16	54000 - 260 DIA	16000 - 142MM DIA	37400 - 193MMX193MM	106700 - 369MM DIA	32000 - 202MM DIA	74700 - 273MMX273MM
20	66700 - 291 DIA	20000 - 159MM DIA	46700 - 216MMX216MM	133400 - 412MM DIA	40000 - 225MM DIA	93400 - 305MMX305MM
24	80000 - 319 DIA	24000 - 175MM DIA	56000 - 236MMX236MM	160000 - 451MM DIA	48000 - 247MM DIA	112000 - 335MMX335MM



ALEXSTAR

BUILDING DESIGN

mob 0400 251 245

e geoff@alexstar.com.au

VIC REG DP-AD 59100

This drawing and associated drawings in the drawing set ("the documents") are copyright © Alexstar Enterprises PTY LTD ("Alexstar Building Designs"). Do not copy or reproduce for any purpose without the prior written consent of Alexstar Building Designs. All rights are reserved. This building has been designed with standard loadings only, specific loads like waterbeds, solar panels and A/C systems are not included unless specifically noted. All colours and materials are indicative only until selections. All 3D images are indicative only for illustration purposes. Furniture and cabinetry are drawn for illustration purposes only. Selections will take precedence over anything shown for illustration.

REVISIONS

REV G

1/9/22

EDENHOPE CARAVAN
PK AMENITIES

LAKE STREET
EDENHOPE

SCALE

As indicated (A3)

DRAWING

ROOF DRAINAGE

ISSUE:

DESIGN

PROJECT NUMBER

20-22

DATE

1/6/22

NO

WD12A

DO NOT SCALE
DRAWINGS

BUILDER TO VERIFY ALL WORK
INCLUDING DIMENSIONS AND
LEVELS
BEFORE BUILDING COMMENCES

DO NOT SCALE
DRAWINGS

BUILDER TO VERIFY ALL WORK
INCLUDING DIMENSIONS AND
LEVELS
BEFORE BUILDING
COMMENCES

This drawing and associated drawings in the drawing set ("the documents") are copyright © Alexstar Enterprises PTY LTD ("Alexstar Building Design"). Do not copy or reproduce for any purpose without the prior written consent of Alexstar Building Design. All rights are reserved. This building has been designed with standard loadings only, specific loads like waterbeds, solar panels and A/C systems are not included unless specifically noted. All colours and materials are indicative only until selections. All 3D images are indicative only for illustration purposes. Furniture and cabinetry are drawn for illustration purposes only. Selections will take precedence over anything shown for illustration.

REVISIONS

REV G
1/9/22

EDENHOPE
CARAVAN PK
AMENITIES
NEW
CONSTRUCTION
LAKE STREET
EDENHOPE

PROJECT NUMBER
20-22

DATE
1/6/22

SCALE
1 : 100 (A3)

DRAWING
AREAS

ISSUE:
DESIGN

NO
WD15

VIC REG
DP-AD 59100

BUILDING AREAS

LEVEL	NAME	AREA
GROUND FLOOR	VERANDAH	52.3
GROUND FLOOR	COMMON	91.6
GROUND FLOOR	AMENITIES 2	34.3
GROUND FLOOR	AMENITIES 1	45.5
GROUND FLOOR	SERVICES	17.5
GROUND FLOOR	PORCH	9.2
GROUND FLOOR	FOOTPATH	61.1
		311.6

ROOM SCHEDULE

LEVEL	NAME	AREA	PERIMETER	FLOOR FINISH	CLASS	FLOOR HEATING	CEILING FINISH	BASE FINISH
GROUND FLOOR	KITCHEN	15 M ²	16.6 M	VINYL WITH 100MM COVE UP WALL	9		10MM SUPACEIL	CONCRETE
GROUND FLOOR	GAMES	70 M ²	40.6 M	VINYL WITH 100MM COVE UP WALL	9		10MM SUPACEIL	CONCRETE
		86 M ²	57.1 M					
GROUND FLOOR	MEN	29 M ²	30.7 M	VINYL WITH 100MM COVE UP WALL	10		10MM WR BOARD	CONCRETE
GROUND FLOOR	ACCESSIBLE	10 M ²	12.6 M	VINYL WITH 100MM COVE UP WALL	10		10MM WR BOARD	CONCRETE
GROUND FLOOR	FEMALE	29 M ²	30.7 M	VINYL WITH 100MM COVE UP WALL	10		10MM WR BOARD	CONCRETE
GROUND FLOOR	STORE	5 M ²	8.7 M	VINYL WITH 100MM COVE UP WALL	10		10MM SUPACEIL	CONCRETE
GROUND FLOOR	LAUNDRY	10 M ²	12.7 M	VINYL WITH 100MM COVE UP WALL	10		10MM WR BOARD	CONCRETE
GROUND FLOOR	VERANDAH	52 M ²	40.3 M	BROOM FINISH CONCRETE	10		6MM FRC SHEET WITH 'H' MOULD	CONCRETE
GROUND FLOOR	PORCH	9 M ²	13.9 M	BROOMFINISH CONCRETE	10		6MM FRC SHEET WITH 'H' MOULD	CONCRETE
GROUND FLOOR	FOOTPATH	61 M ²	100.3 M	BROOM FINISH CONCRETE	10		NA	CONCRETE
		205 M ²	250.0 M					
		291 M ²	307.1 M					

GROUND FLOOR

1 : 100



DO NOT SCALE
DRAWINGS

BUILDER TO VERIFY ALL WORK
INCLUDING DIMENSIONS AND
LEVELS
BEFORE BUILDING
COMMENCES

LIGHTING GARAGE (W)			
LEVEL	NAME	AREA	GARAGE LIGHTING
GROUND FLOOR	GAMES	70 M ²	211
GROUND FLOOR	KITCHEN	15 M ²	46
			258

LIGHTING OUTDOOR (W)			
LEVEL	NAME	AREA	OUTDOOR LIGHTING

GROUND FLOOR	ACCESSIBLE	10 M ²	39
GROUND FLOOR	FEMALE	29 M ²	117
GROUND FLOOR	FOOTPATH	61 M ²	245
GROUND FLOOR	LAUNDRY	10 M ²	39
GROUND FLOOR	MEN	29 M ²	117
GROUND FLOOR	PORCH	9 M ²	37
GROUND FLOOR	STORE	5 M ²	18
GROUND FLOOR	VERANDAH	52 M ²	209

LIGHTING LIVING (W) 820			
LEVEL	NAME	AREA	LIVING LIGHTING

REVISIONS

REV G
1/9/22

EDENHOPE
CARAVAN PK
AMENITIES
NEW
CONSTRUCTION
LAKE STREET
EDENHOPE

PROJECT NUMBER
20-22

DATE
1/6/22

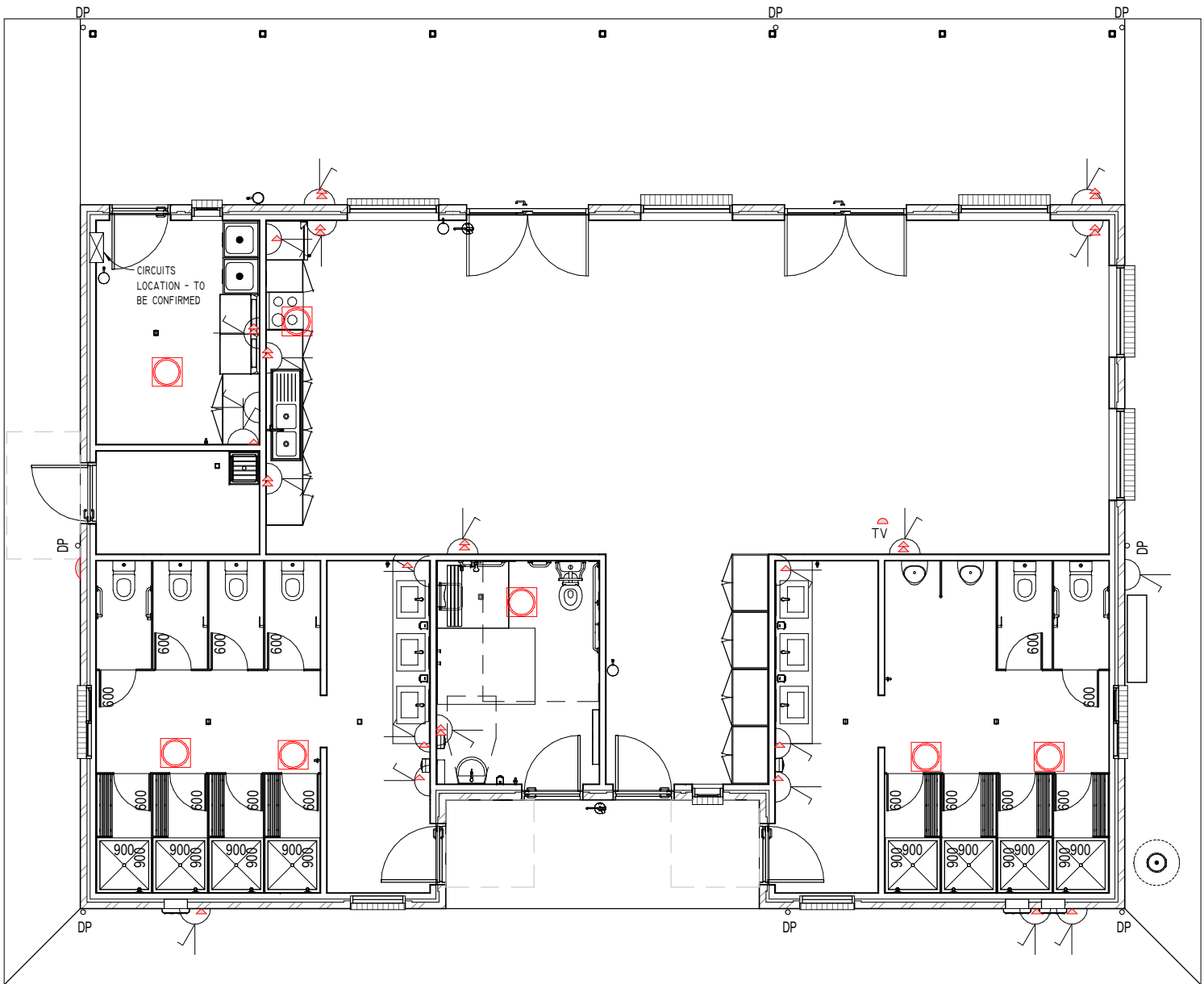
SCALE
1 : 100 (A3)

DRAWING
LOWER ELECTRICAL

ISSUE:
DESIGN

NO
WD17

VIC REG
DP-AD 59100



ELECTRICAL LAYOUT TO BE COMPLETED AT SELECTIONS

ALL SMOKE ALARMS TO BE INTERLINKED

- DOUBLE POWER POINT
- SINGLE POWER POINT
- TV
- PHONE
- SINGLE SWITCH
- DOUBLE SWITCH
- TRIPLE SWITCH
- QUAD SWITCH
- DOWN LIGHT
- BATTEN LIGHT LED ENERGY EFFICIENT
- EXHAUST FAN
- IXL TASTIC - OR SIMILAR
- HARD WIRED SMOKE ALARM
- CAT 5 DATA
- WALL LIGHT
- UNDERFLOOR HEATER CONTROLLER
- CEILING FAN
- DOUBLE FLUORO 1200
- CEILING PENDANT
- UPLIGHT
- GARDEN LIGHTS
- LED STRIP LIGHTING
- DUCTED EXHAUST FAN

ALL LIGHTING BY OTHERS

GROUND FLOOR ELECTRICAL

DO NOT SCALE
DRAWINGS

BUILDER TO VERIFY ALL WORK
INCLUDING DIMENSIONS AND
LEVELS
BEFORE BUILDING
COMMENCES

This drawing and associated drawings in the drawing set ("the documents") are copyright © Alexstar Enterprises PTY LTD ("Alexstar Building Design"). Do not copy or reproduce for any purpose without the prior written consent of Alexstar Building Design. All rights are reserved. This building has been designed with standard loadings only, specific loads like waterbeds, solar panels and A/C systems are not included unless specifically noted. All colours and materials are indicative only until selections. All 3D images are indicative only for illustration purposes. Furniture and cabinetry are drawn for illustration purposes only. Selections will take precedence over anything shown for illustration.

REVISIONS

REV G
1/9/22

EDENHOPE
CARAVAN PK
AMENITIES
NEW
CONSTRUCTION
LAKE STREET
EDENHOPE

PROJECT NUMBER
20-22

DATE
1/6/22

SCALE
As indicated (A3)

DRAWING
ESSENTIAL SAFETY
PROVISIONS
ISSUE:
DESIGN

NO
WD18

VIC REG
DP-AD 59100

ALL EMERGENCY AND EXIT LIGHTING IN ACCORDANCE WITH AS 2293.1

EXIT SIGNS

EXTERNALLY ILLUMINATED
- PHOTO ELECTRIC
MAY BE USED IN BUILDINGS OF LESS THAN 300M2 FLOOR AREA
ENSURE A LIGHT SOURCE IS PROVIDED WITHIN 1.5M OF THE SIGN,
HOWEVER IN A POSITION THAT DOES NOT OBSTRUCT OR GLARE ON THE SIGN

INTERNALLY ILLUMINATED
FOR USE IN ALL BUILDINGS OVER 300M2 FLOOR AREA

MOUNTING HEIGHT - MIN 2M AFL - MAX 2.7M AFL
EXIT SIGNS TO BE LOCATED DIRECTLY ABOVE EXIT DOOR
WHERE THE SIGN IS NOT VISIBLE FROM NORMALLY ACCESSED PARTS OF THE BUILDING, DIRECTIONAL EXIT SIGNS ARE TO BE PROVIDED GUIDING OCCUPANTS TO THE EXIT

GENERAL EMERGENCY LIGHTING

ALL STAIRWAYS SHALL BE PROVIDED WITH EMERGENCY LIGHTING
SUITABLE TO ILLUMINATE THE WHOLE STAIR AND LANDING

IN CORRIDORES, LIGHTING SHALL BE LOCATED TO ENSURE A STRAIGHT LINE MAY BE DRAWN BETWEEN LIGHT FITTINGS AROUND CORNERS,
WITHOUT BEING INTERSECTED BY A WALL OR OBSTRUCTION THAT COULD CREATE A SHADOW

SPACING OF STANDARD STANILITE SPITFIRE CLASS C90 EMERGENCY LIGHT TO A CEILING AT 2.4M OR GREATER 13.5M MAX SPACING



(a) Straight on from here
(Refer to paragraph D3.3)



(b) Left from here



(c) Right from here

FIGURE D3 FORMATS AND MEANINGS OF PICTORIAL ELEMENTS



(a) No additional background



(b) With additional background

LEGEND:
■ = Opaque background
(Dark colour preferred)

NOTE: Some black and white printers might produce a poor representation of this figure.

EXIT SIGNS

APPROX 190M2 TOTAL ENCLOSED AREA
EMERGENCY LIGHTING AND EXIT LIGHTS NOT REQUIRED
FIRE HOSES/HYDRANTS - NOT REQUIRED
ENSURE MIN 6M SEPARATION TO ANY OTHER BUILDING

BE FE = CO2 FIRE EXTINGUISHER (USE NEAR ELECTRICAL SWITCHBOARD AND COMPUTERS)
ABE FE = DRY POWDER FIRE EXTINGUISHER
A FE = WATER FIRE EXTINGUISHER
AF FE = AQUEOUS FOAM FIRE EXTINGUISHER
BLANKET = FIRE BLANKET
EXIT = INTERNALLY ILLUMINATED EXIT LIGHT - APPROX 8M EFFECTIVE RADIUS
EL = SURFACE MOUNTED 'SPITFIRE' EMERGENCY LIGHT - APPROX 10M EFFECTIVE RADIUS
FHR = 36M FIRE HOSE REEL

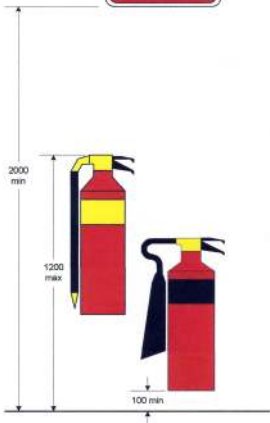
ORDINARY CLASS 'A' FIRE RISK (WATER EXTINGUISHERS) - MINIMUM 2A RATED - MAXIMUM AREA TO BE SERVICED BY A SINGLE EXTINGUISHER IS 100M2

CLASS 'B' 'E' AND 'F' FIRE RISK (FLAMABLE LIQUID, ELECTRICAL, OR FAT) - MINIMUM 20B/E/F RATED TO BE LOCATED WITHIN 5M OF THE RISK AREA AND SERVICE A MAXIMUM 80M2

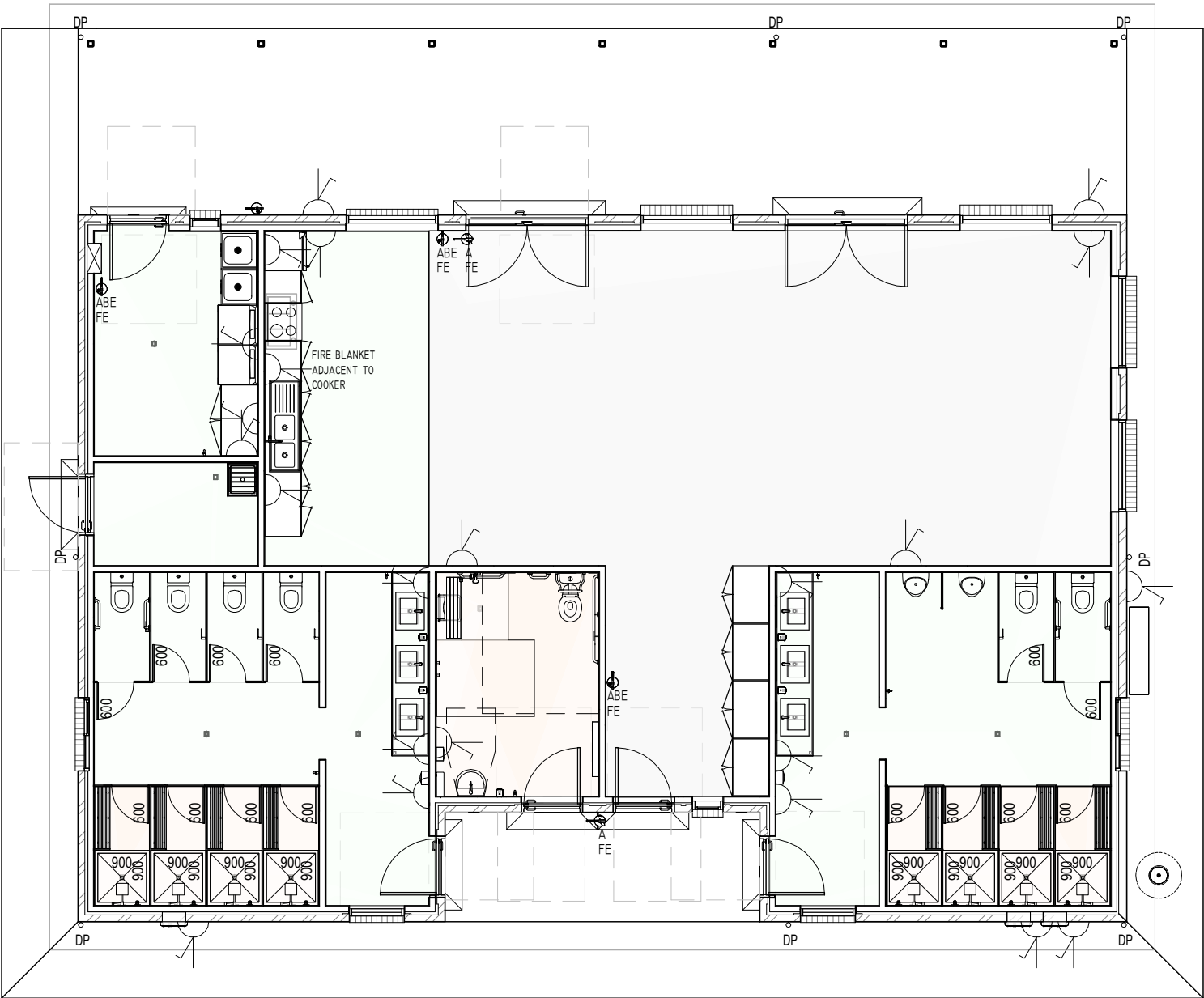
WHERE ELECTRICAL FIRES ARE POSSIBLE, USE CO2 FIRE EXTINGUISHERS AS A PREFERENCE

BUILDER TO ENSURE ALL SIGNAGE, MOUNTING HEIGHTS AND LOCATIONS COMPLY WITH APPROPRIATE AUSTRALIAN STANDARDS

USE FIRE EXTINGUISHERS RATED:
3A: WATER (9KG)
4A:60B:E (4.5KG DRY POWDER)
5B:E (3.5KG CO2)
3A:F4 (7L WET CHEMICAL)



FIRE EXTINGUISHER AND
SIGN MOUNTING



GROUND FLOOR

1 : 100

COLOUR CONTRAST

TO ASSIST PEOPLE WITH VISION IMPAIRMENTS, OR WHO ARE BLIND COLOUR LUMINANCE CONTRAST IS IMPORTANT

THE IMAGE TOP RIGHT SHOWS HOW COLOURS CAN APPEAR DIFFERENT, HOWEVER THEIR LUMINANCE CONTRAST, WHICH IS HIGHLIGHTED IN THE BLACK AND WHITE VERSION OF THE PICTURE SHOWS THAT THEY ALL APPEAR THE SAME IN LUMINANCE QUALITIES, EXCEPT THE YELLOW.

WHERE WINDOWS COULD BE CONFUSED FOR DOORS OR OPENINGS, THEN A SOLID CONTRASTING BAND MUST BE INSTALLED 900-1000MM ABOVE GROUND AND 75MM IN WIDTH

IDEALLY 2.4M WIDE WITH A CLEAR SPACE OF 2.4M TO ONE SIDE, OVERHEAD CLEARANCE TO AT LEAST 2.5M. THERE SHOULD BE A CONTINUOUS PATH OF TRAVEL FROM THE CARPARK TO THE MAIN BUILDING ENTRANCE, THAT IS FREE OF STEPS. WHERE STEPS OR RAMPS ARE NECESSARY, A HAND RAIL SHOULD BE PLACED ON AT LEAST ONE SIDE AND BE IN ACCORDANCE WITH THE PATHS OF TRAVEL DETAILS BELOW

IDEALLY A CLEAR AND UNOBSTRUCTED SPACE OF 1500X1500MM SHOULD BE PROVIDED IN EACH ROOM, OR AT THE END OF ANY PASSAGE, ALL OPENINGS SHOULD HAVE A MINIMUM 850MM CLEAR WIDTH, UNOBSTRUCTED BY THE DOOR OR DOOR FURNITURE (HANDLES ETC). ALL SURFACES SHOULD BE HARD OR SHORT PILE, CHANGES IN SURFACE HEIGHT MUST BE LESS THAN 3MM, OR 5MM IF ROUNDED

IDEALLY 1600MM X 3350 MIN CIRCULATION SPACE, WITH NO HOB. 35MM DIA GRAB RAILS 800MM ABOVE GROUND. VERTICAL HAND HELD SHOWER RAIL AND VERTICAL GRAB RAIL, AND A SLIP RESISTANT SEAT 470MM ABOVE GROUND, LEVER HANDLE TAPS OR MIXERS

ALL LEVER HANDLE 'D' SHAPED LATCHES WITH 50MM CLEARANCE BETWEEN DOOR AND HANDLE, SLIDING DOOR HANDLES TO BE A MINIMUM 60MM FROM THE DOOR JAMB. ALL HANDLES SHOULD BE BETWEEN 900 AND 1100MM ABOVE GROUND LEVEL

FOR THE DEAF OR HEARING IMPAIRED, PROVIDE FLASHING LIGHT ASSOCIATED WITH SMOKE ALARM TO ALLERT IF THE ALARM IS SOUNDING, AND SIMILAR LIGHTING SYSTEMS TO ALERT TO DOORBELLS ETC.

ENSURE ALL PATHS ARE A MINIMUM 1000MM CLEAR WIDTH, WHERE THERE ARE CORNERS IN THE PATH OF TRAVEL, ENSURE THE INTERNAL ANGLE OF THE CORNER IS CHAMFURRED AT 45 DEGREES

RAMPS SHOULD BE NO LONGER THAN 9M WITHOUT A FLAT LANDING, THERE SHOULD BE CURB RAILS TO EACH SIDE, AND A HAND RAIL. THE MAXIMUM GRADIENT IS 1:14

ALL PATHS SHOULD BE WELL LIT AND FREE FROM OVERHANGING LANDSCAPING OR OTHER OBSTRUCTIONS. WHERE THERE ARE RAMPS AND STEPS, TACTILE INDICATORS SHOULD BE PROVIDED, AND NON-SLIP LUMINANCE CONTRASTING NOSINGS TO STEPS AND THE SIDES OF RAMPS. THERE SHOULD BE A MINIMUM 1000MM WIDE FLAT LANDING AT THE TOP AND BOTTOM OF ANY RAMP OR STAIR

A DOOR BELL SHOULD BE PROVIDED AT EACH EXTERNAL DOOR AT A HEIGHT OF 900MM-1100MM ABOVE GROUND LEVEL

PROVIDE AN EMERGENCY ASSISTANCE BUTTON WITHIN THE TOILET FACILITY.
CIRCULATION SPACE OF 1900X2300MM SHOULD BE PROVIDED. CLEAR SPACE OF 1500MM IN FRONT OF THE PAN, AND 1250MM TO THE SIDE OF THE PAN TO BE PROVIDED

FOR AN AMBULANT FACILITY THERE MUST BE 900MM TO 920MM BETWEEN HAND WALLS. THERE MUST BE A HAND RAIL ON EACH SIDE OF THE TOILET FACILITY AND A 900X900 CIRCULATION SPACE IN FRONT OF THE PAN

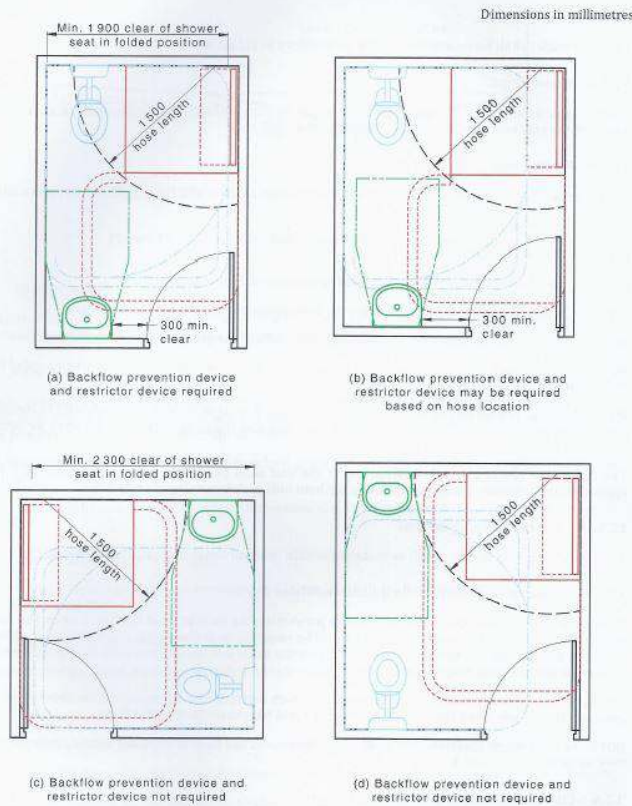
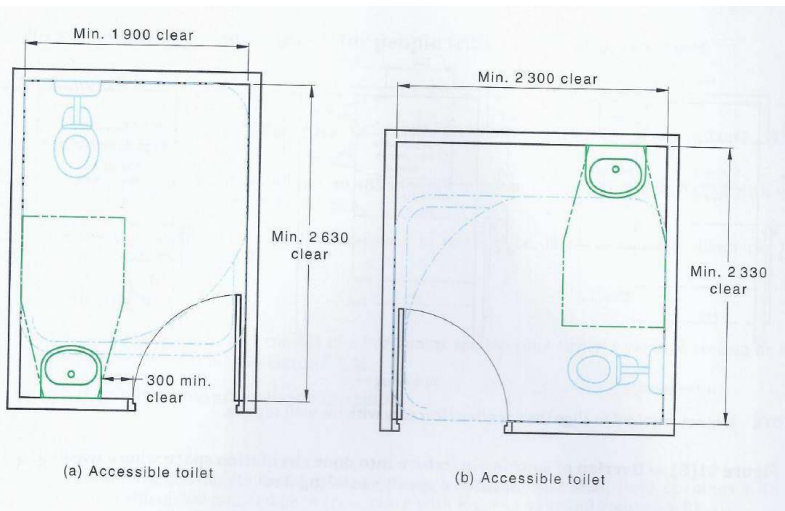
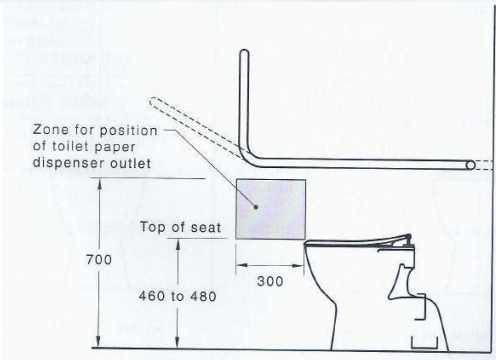
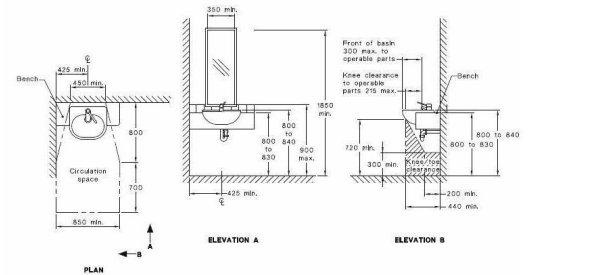
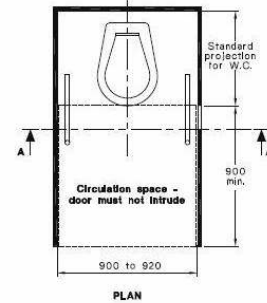
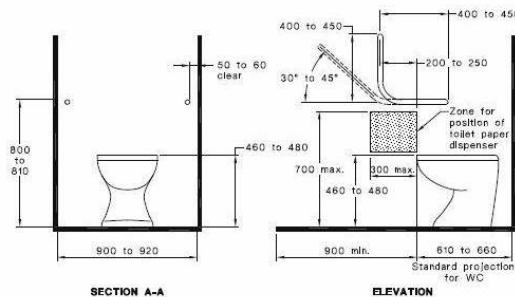
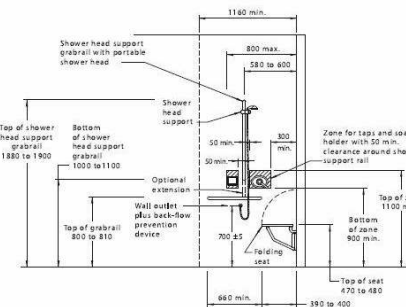
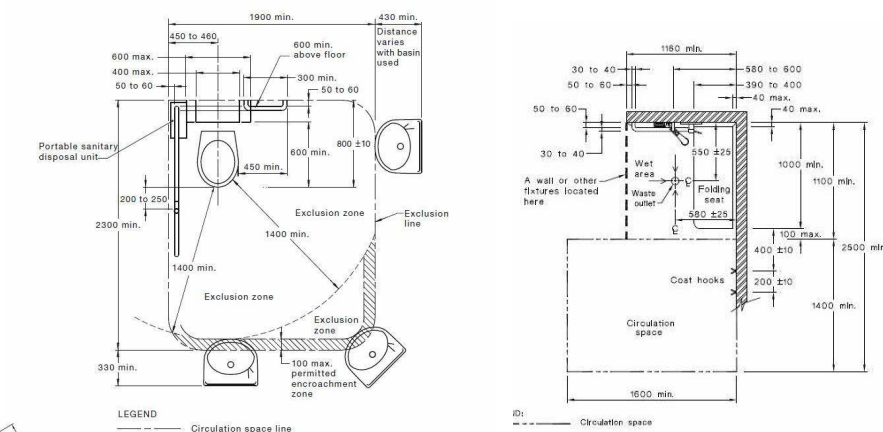
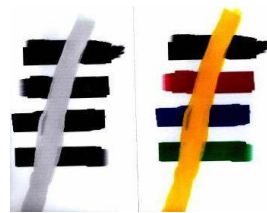
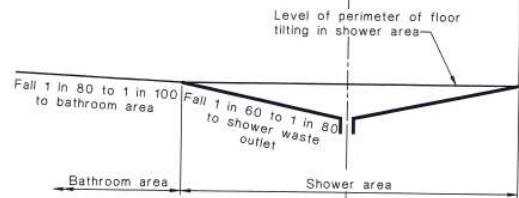
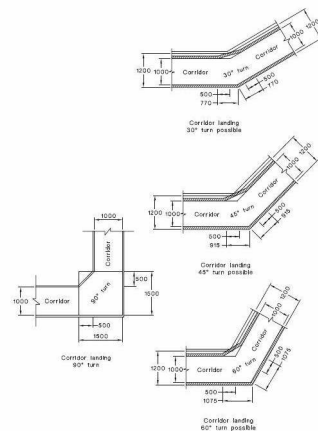
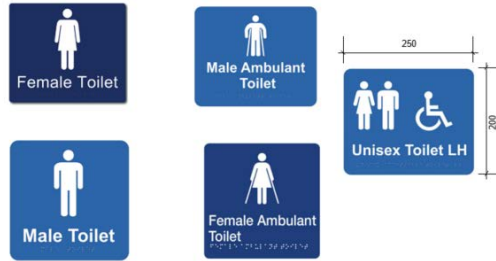
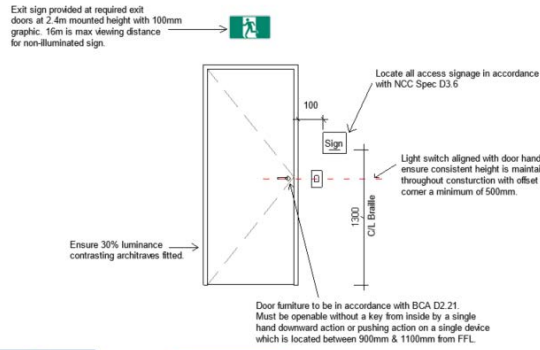
TOILETS SHOULD BE LOAD RATED TO AT LEAST 150KG. THEY SHOULD PROVIDE LUMINANCE CONTRAST (SEE PICTURE OF TOILET WITH CONTRASTING SEAT AND FLUSH BUTTON) SEAT HEIGHT 470MM, PAN 800MM FROM REAR WALL, CENTRE LINE OF PAN 450MM FROM SIDE WALL, BACKREST SHOULD WITHSTAND 1100N OF FORCE.

GRAB RAILS TO THE SIDE AND REAR OF THE TOILET SHOULD BE PROVIDED. THE BOTTOM OF THE CISTERN SHOULD BE 600MM FROM THE FLOOR.

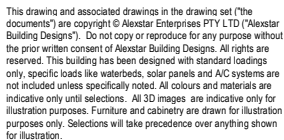
TOILET ROLL HOLDER 700MM HIGH AND 300MM MAX FORWARD OF THE PAN

MUST BE 800MM TO 840MM ABOVE FLOOR LEVEL WITH CLEAR SPACE BENEATH FOR KNEE ACCESS. ALL TAPS TO BE LEVER HANDLED. 800MM WIDE X 1500MM LONG CIRCULATION SPACE TO THE BASIN. PROVIDE A CLOTHES HANGING HOOK OR RAIL, A SHELF AND A MIRROR THT IS A MINIMUM 350MM WIDE, STARTS 900MM ABOVE FLOOR LEVEL AND FINISHES 1850 ABOVE FLOOR LEVEL

POWER POINTS SHOULD BE LOCATED AT LEAST 600MM ABOVE FLOOR LEVEL, AND LIGHT SWITCHES BETWEEN 900MM AND 1100MM ABOVE FLOOR LEVEL. LARGE ROCKER STYLE SWITCHES MUST BE USED



NOTE A backflow prevention device may be required if the hose is longer than 1 500 mm.

REV G
1/9/22

LAKE STREET
EDENHOPE

ISSUE:
DESIGN

WD19

BUILDER TO VERIFY ALL WORK
INCLUDING DIMENSIONS AND
LEVELS
BEFORE BUILDING COMMENCES



mob 0400 251 245

e geoff@alexstar.com.au

VIC REG DP-AD 59100

ACCESS RAMPS, STAIRWAYS AND HAND RAILS

ALL RAMPS AND STAIRWAYS SHALL HAVE A MINIMUM 1000MM CLEAR PATH OF TRAVEL

LANDINGS SHALL BE FLAT AND HAVE A MINIMUM 1200MM LENGTH AND BE THE FULL WIDTH OF THE PATH OF TRAVEL

HAND RAILS SHALL BE PROVIDED ON BOTH SIDES OF THE RAMP OR STAIRS

HAND RAILS SHALL CONTINUE 300MM PAST THE UPPER AND LOWER ENDS OF THE STAIRWAY OR RAMP

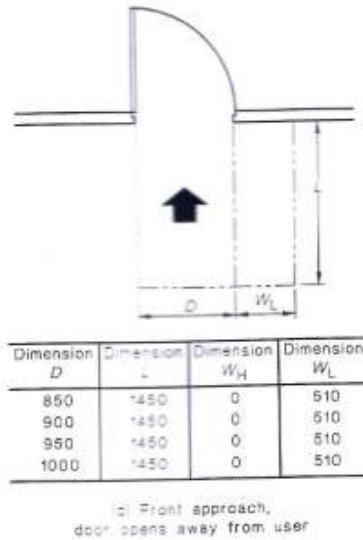
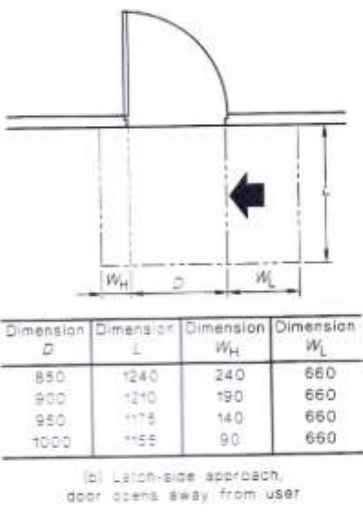
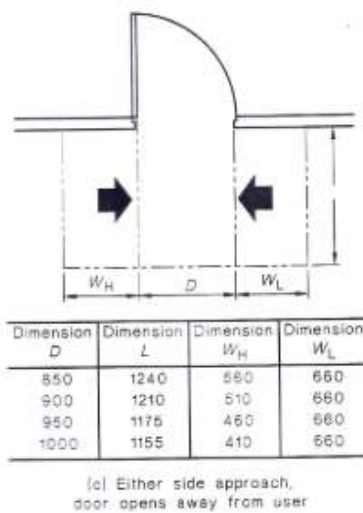
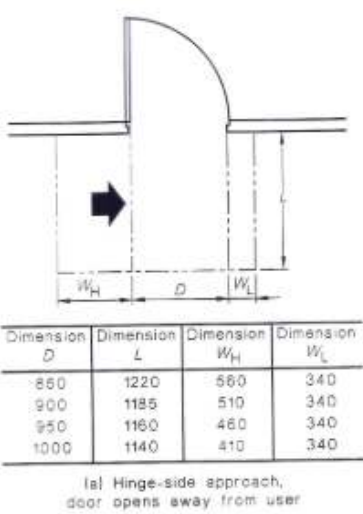
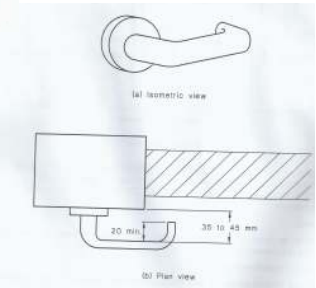
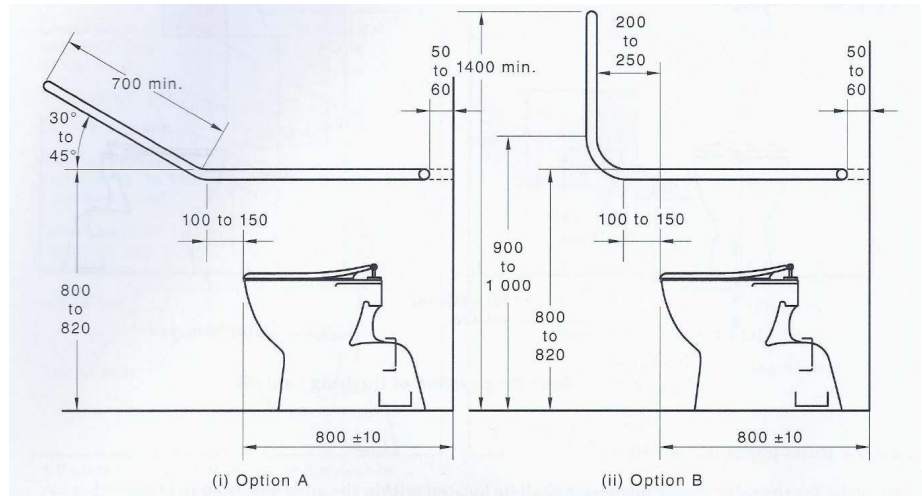
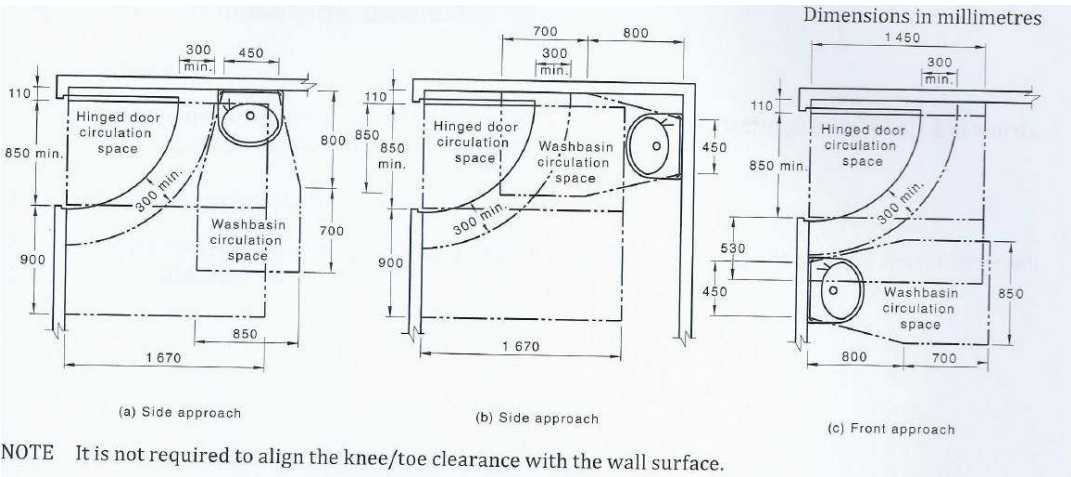
TACTILE GROUND INDICATORS SHALL BE LOCATED 1 TREAD DISTANCE FROM THE TOP AND BOTTOM OF STAIRWAYS, AND SHALL BE LOCATED 300MM FROM THE TOP AND BOTTOM OF RAMPS

TACTILE INDICATORS SHALL BE THE FULL WIDTH OF THE PATH OF TRAVEL AND BE 600MM-800MM LONG

RAMPS SHALL BE PROVIDED WITH A CURB AT EACH SIDE. THE CURB SHALL NOT PROTRUDE INTO THE PATH FURTHER THAN THE HAND RAIL
CURBS ARE TO EXTEND TO 150MM ABOVE THE RAMP SURFACE AND MAY HAVE A MAXIMUM 75MM GAP BENEATH THE CURB IF ATTACHED TO THE HAND RAIL UPRIGHTS

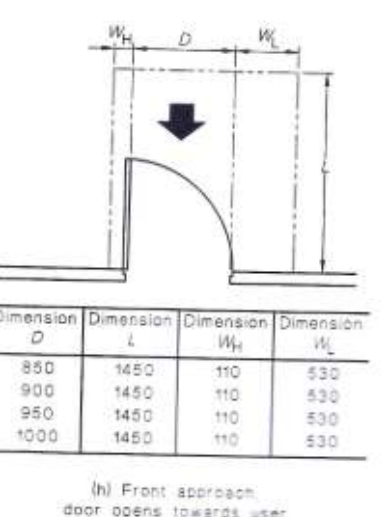
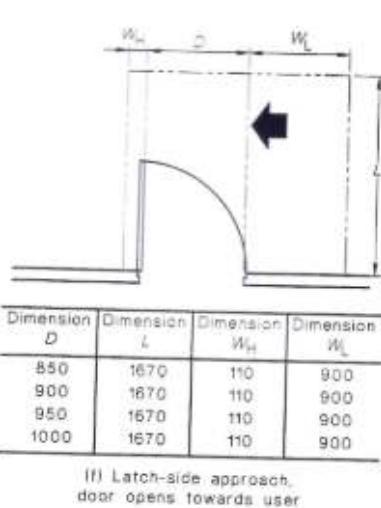
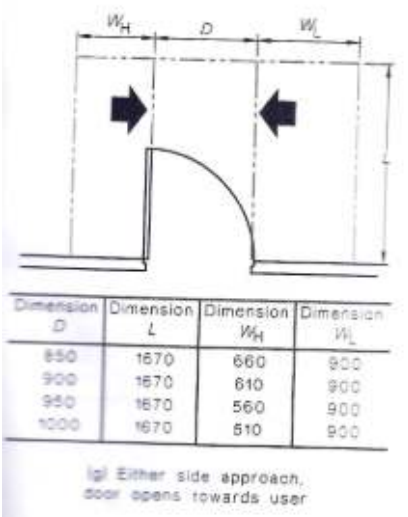
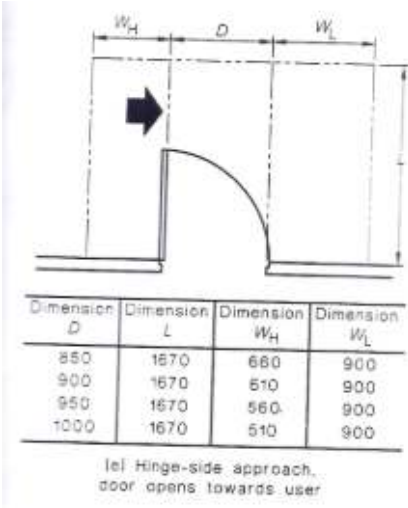
SIGNAGE

ALL ACCESSIBLE FACILITIES SHALL BE PROVIDED WITH APPROPRIATE SIGNAGE INCORPORATING THE INTERNATIONAL SYMBOLS FOR ACCESS, HEARING AND BRAILLE AS APPROPRIATE TO THE LOCATION



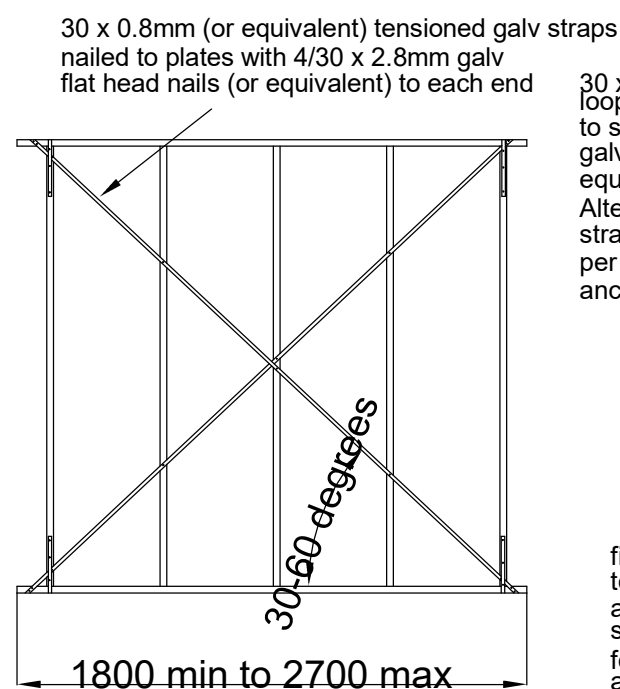
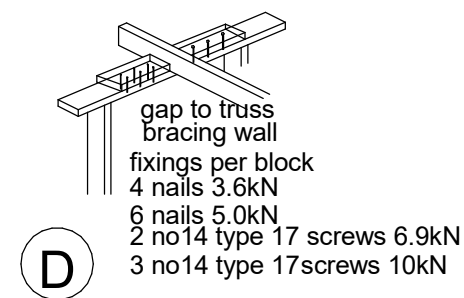
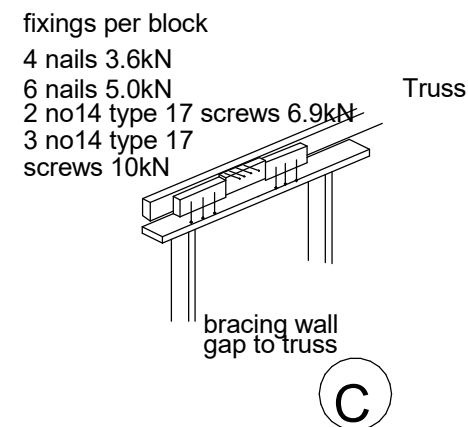
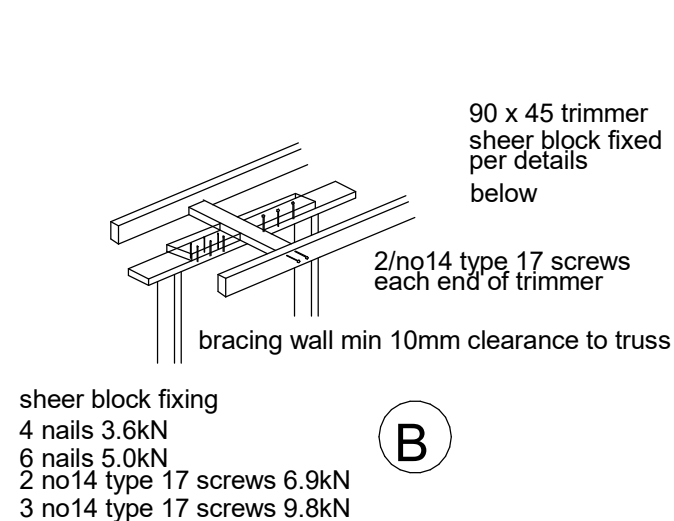
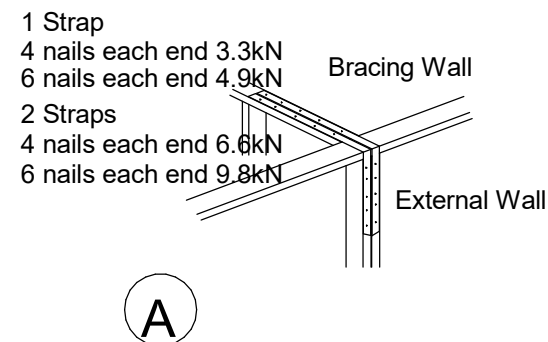
LEGEND:
D = Clear opening of width of doorway
L = Length
W_H = Width—hinge side
W_L = Width—latch side
➡ = Direction of approach
--- = Circulation space

DIMENSIONS IN MILLIMETRES

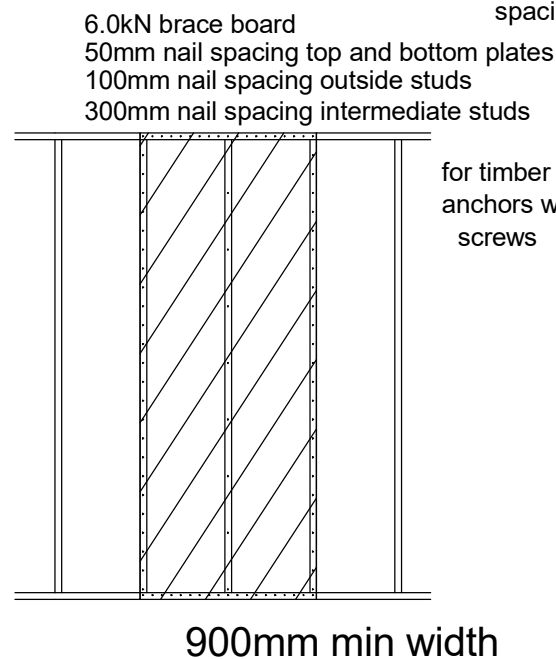
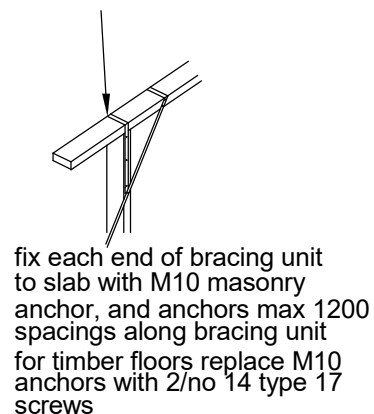


LEGEND:
D = Clear opening of width of doorway
L = Length
W_H = Width—hinge side
W_L = Width—latch side
➡ = Direction of approach
--- = Circulation space

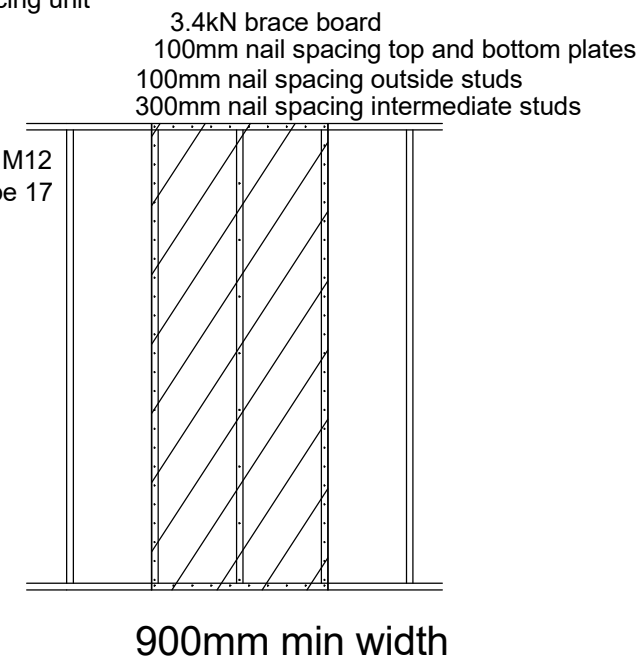
DIMENSIONS IN MILLIMETRES



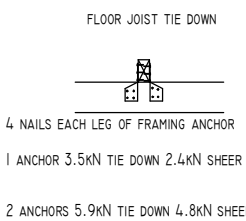
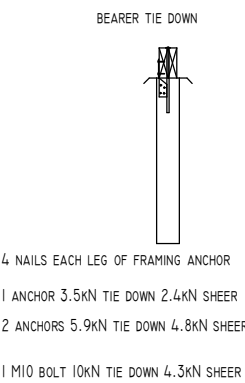
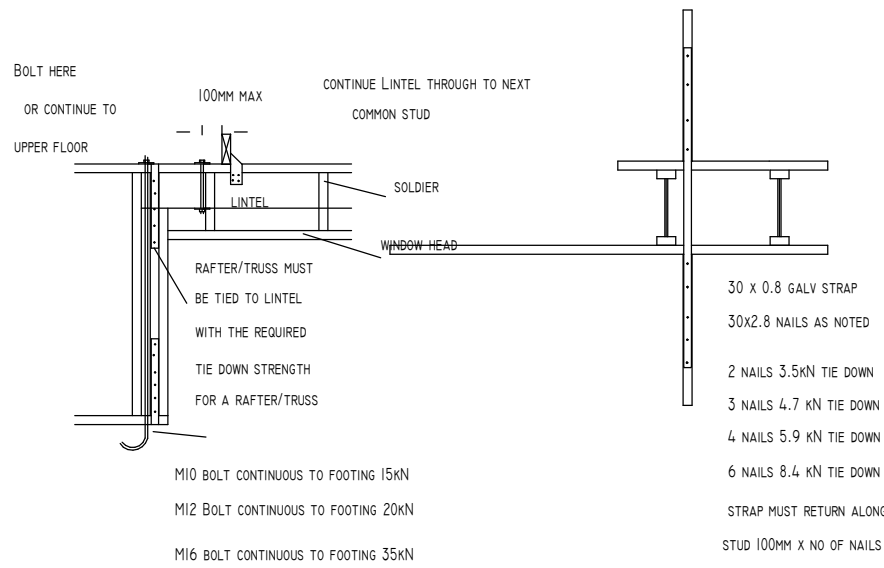
30 x 0.8 mm galv. metal strap
looped over plate and fixed
to stud with 4/30x2.8mm
galv flathead nails (or
equivalent) to each end.
Alternatively provide single
straps to both sides with 4 nails
per strap end, or equivalent
anchors or other fasteners



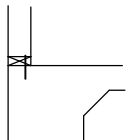
for timber floors replace M12
anchors with 2/no 14 type 17
screws



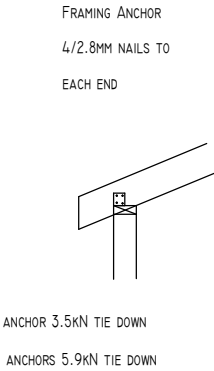
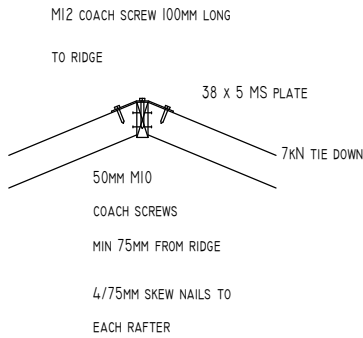
NOTE: WHERE A GIRDER TRUSS IS PLACED, ENSURE LINTEL IS UPSIZED OR ENSURE A DOUBLE STUD IS PLACED DIRECTLY BELOW THE POINT LOAD



MASONRY NAIL
1kN TIE DOWN
CHECK
MANUFACTURERS
DETAILS FOR
DISTANCE FROM
SLAB EDGE



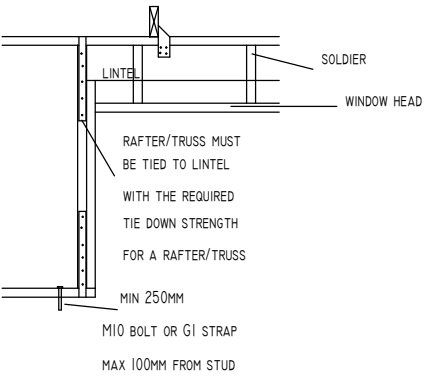
10MM MASONRY ANCHOR
6kN TIE DOWN
CHECK MANUFACTURERS
DETAILS



3MM GUN NAILS
2 NAILS 1.1kN
3 NAILS 1.6kN
4 NAILS 2.2kN
NO14 TYPE 17 BATTEN SCREWS
2 SCREWS 4.2kN
3 SCREWS 6.2kN
4 SCREWS 8.3kN
5X DIAMETER OF SCREW/NAIL BETWEEN
FIXINGS

SINGLE STRAP

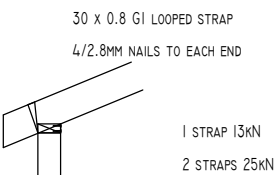
- 4 NAILS EACH END OF STRAP
- 5.9 kN TIE DOWN
- 6 NAILS EACH END OF STRAP
- 8.4 kN TIE DOWN
- 2 STRAPS
- 4 NAILS EACH END 12 kN TIE DOWN WITH 10MM BOLT TO FLOOR
- 6 NAILS EACH END 17 kN TIE DOWN WITH M12 BOLT TO FLOOR



BRACE BOARD USED AS TIE DOWN

- 50MM NAIL SPACING 16.7kN
- 150MM NAIL SPACING 10.4kN
- MINIMUM BRACE WIDTH 900MM
- RAFTERS WITHIN 300MM
- BOTTOM PLATE TO SUBFLOOR
- MIN 13kN TIE DOWN

- 30 x 0.8 GALV STRAP
- 30x2.8 NAILS AS NOTED
- 2 NAILS 3.5kN TIE DOWN
- 3 NAILS 4.7 kN TIE DOWN
- 4 NAILS 5.9 kN TIE DOWN
- 6 NAILS 8.4 kN TIE DOWN
- STRAP MUST RETURN ALONG STUD 100MM X NO OF NAILS
- IF STRAP TIED OVER RAFTER/TRUSS THIS CAN BE USED
- AS A RAFTER TIEDOWN IN CONJUNCTION WITH A TOP PLATE TIE



N3 DESIGN WIND SPEED

PROVIDE 2/90 x 45 SUPPORT STUDS FOR POINT LOADS

TIE DOWNS
PURLIN TO TRUSS 2.3kN
USE 1/NO 14 TYPE 17 BATTEN SCREW
TRUSS TO TOP PLATE 7.2kN EACH END
USE 1 LOOPED STRAP PER CONNECTION
TOP AND BOTTOM PLATE TO STUD 6.0kN/M (3.6kN EVERY STUD)
USE GALV STRAP 4 NAILS EACH END AT EVERY STUD
BOTTOM PLATE TO LOWER FLOOR 4.6kN/M
STRAP TO LOWER FLOOR FRAME USING GALV STRAP SCREWED TO SIDE OF LOWER FLOOR STUDS WITH 2 NO 14 TYPE 17 TEK SCREWS AND NAILS TO SIDE OF UPPER FLOOR STUD WITH 6 FLAT HEAD NAILS - 6 FLAT HEAD NAILS MAY BE USED FOR LOWER FLOOR STUD IF ACCESS IS AVAILABLE
LI TIE DOWN 7.6kN EACH END USE 2 GALV STRAP WITH 4 NAILS EACH END