
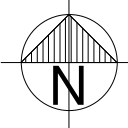
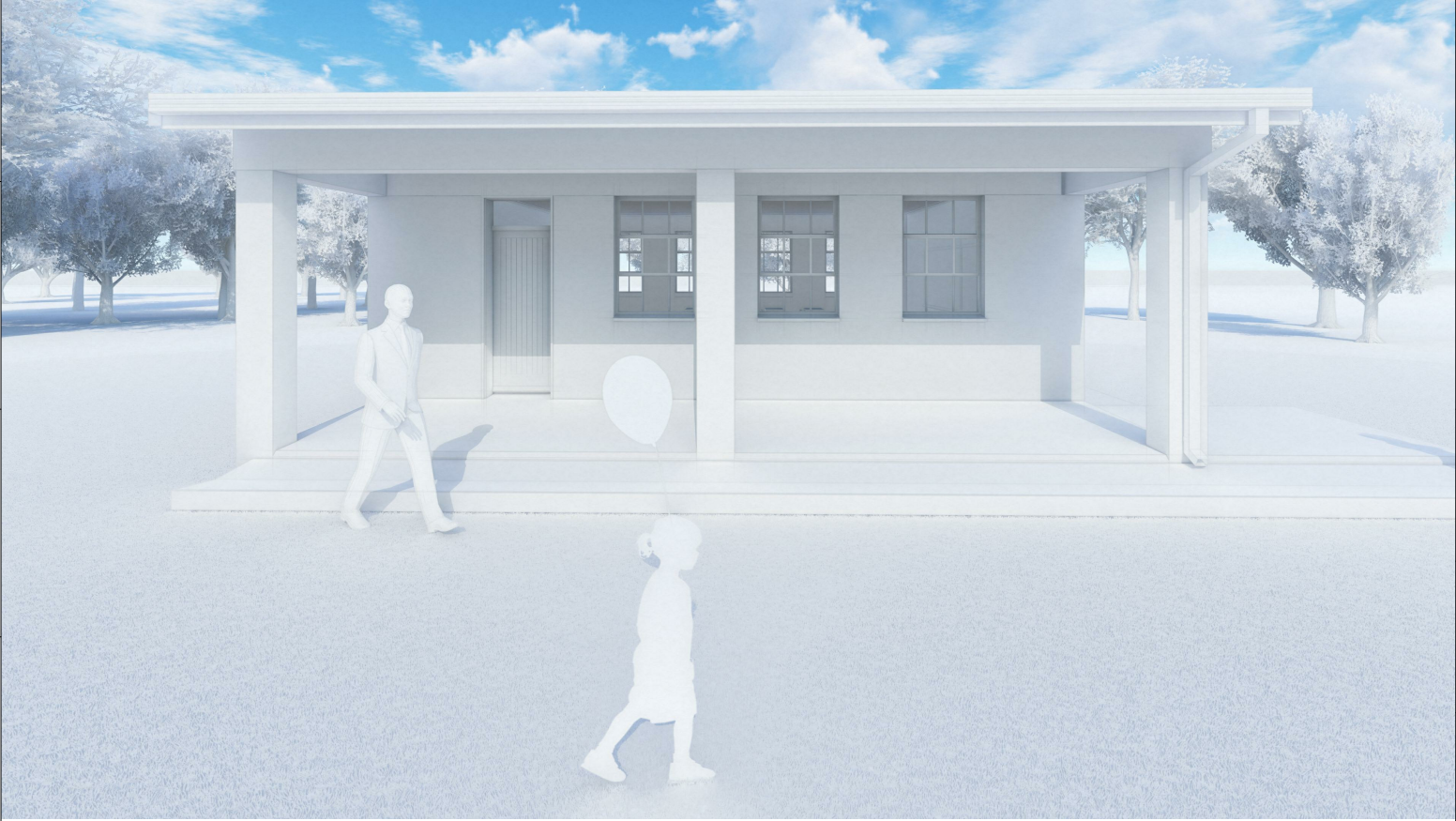


<div>CLIENT</div> <div><div>basic education Department: Basic Education REPUBLIC OF SOUTH AFRICA</div></div> <div>CONTACT INFORMATION: PERSON: NUMBER: EMAIL:</div>		<div>BUILDING CODE: EE1</div> <div>BUILDING TYPE: SINGLE CLASSROOM BLOCK</div>		SDP PLAN			
<div>CUSTODIAN</div> <div>INSERT CUSTODIAN LOGO HERE</div> <div>CONTACT INFORMATION: PERSON: NUMBER: EMAIL:</div>							
<div>IMPLEMENTING AGENT</div> <div>INSERT IMPLEMENTING AGENT LOGO HERE</div> <div>CONTACT INFORMATION: PERSON: NUMBER: EMAIL:</div>							
<div>PRINCIPAL AGENT</div> <div>INSERT PRINCIPAL AGENT LOGO HERE</div> <div>CONTACT INFORMATION: PERSON: NUMBER: EMAIL:</div>							
<div>ARCHITECT</div> <div>INSERT ARCHITECT LOGO HERE</div> <div>CONTACT INFORMATION: PERSON: NUMBER: EMAIL:</div>		<div>IMPLEMENTATION PROGRAMME BUILDING DOCUMENTATION PROGRAMME DESCRIPTION</div>		SCHOOL INFORMATION		SCHOOL NAME	
<div>MECHANICAL & ELECTRICAL</div> <div>INSERT MECHANICAL & ELECTRICAL LOGO HERE</div> <div>CONTACT INFORMATION: PERSON: NUMBER: EMAIL:</div>				LOCATION:	LOCATION		
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<div>OTHER</div> <div>INSERT OTHER LOGO HERE</div> <div>CONTACT INFORMATION: PERSON: NUMBER: EMAIL:</div>				EMIS:	EMIS NUMBER	PROGRAM:	IMPLEMENTATION PROGRAMME
				PROJ No.:	0000		

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PROJECT DESCRIPTION	TITLE
DOCUMENT STATUS	0000_AR_EE1_200
DRAWING NUMBER	0000
DRAWN	CHECKED
DATE	SCALE

NOTE: FOR ALL FINISH CODES, REFER TO FINISHING SCHEDULES 1701-AR-580/581

NOTE: FOR RAINWATER DOWNPIPES AND TANK POSITIONS, REFER TO SDP DETAILS

NOTE: WALL & DOOR / WINDOW OPENINGS TO SUIT HORIZONTAL BRICK COURSING

DOOR SCHEDULE

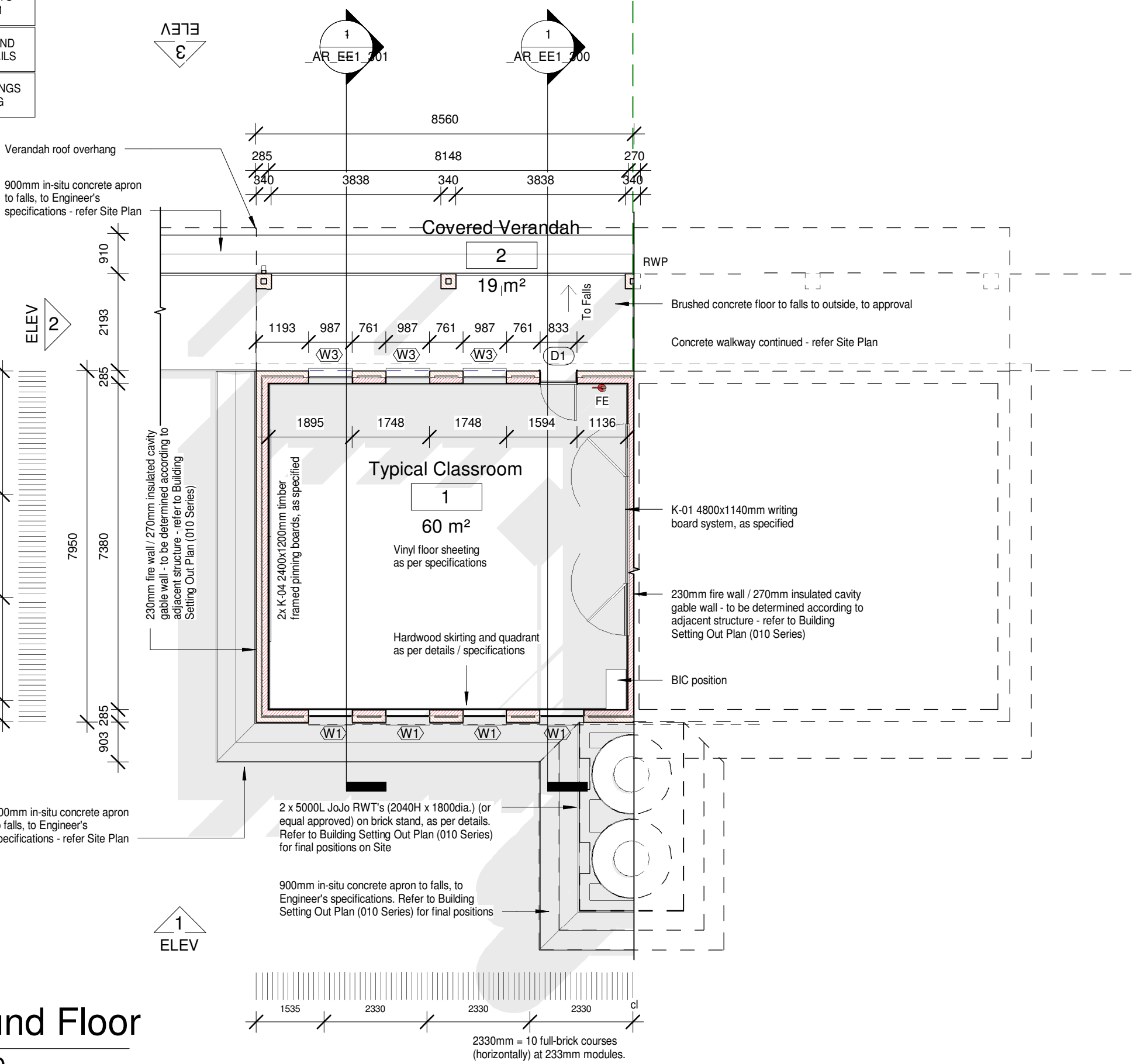
Door Type	Total
D1	1

WINDOW SCHEDULE

Window Type	Total
W1	4
W3	3

SCHEDULE OF AREAS

ROOM NAME	AREA
1. TYPICAL CLASSROOM	60.1m ²
GROSS BUILDING AREA	67.5m ²
2. VERANDAH	18.8m ²
TOTAL COVERAGE	86.3m ²



1 Ground Floor
1 : 100

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IMPLEMENTATION
PROGRAMME

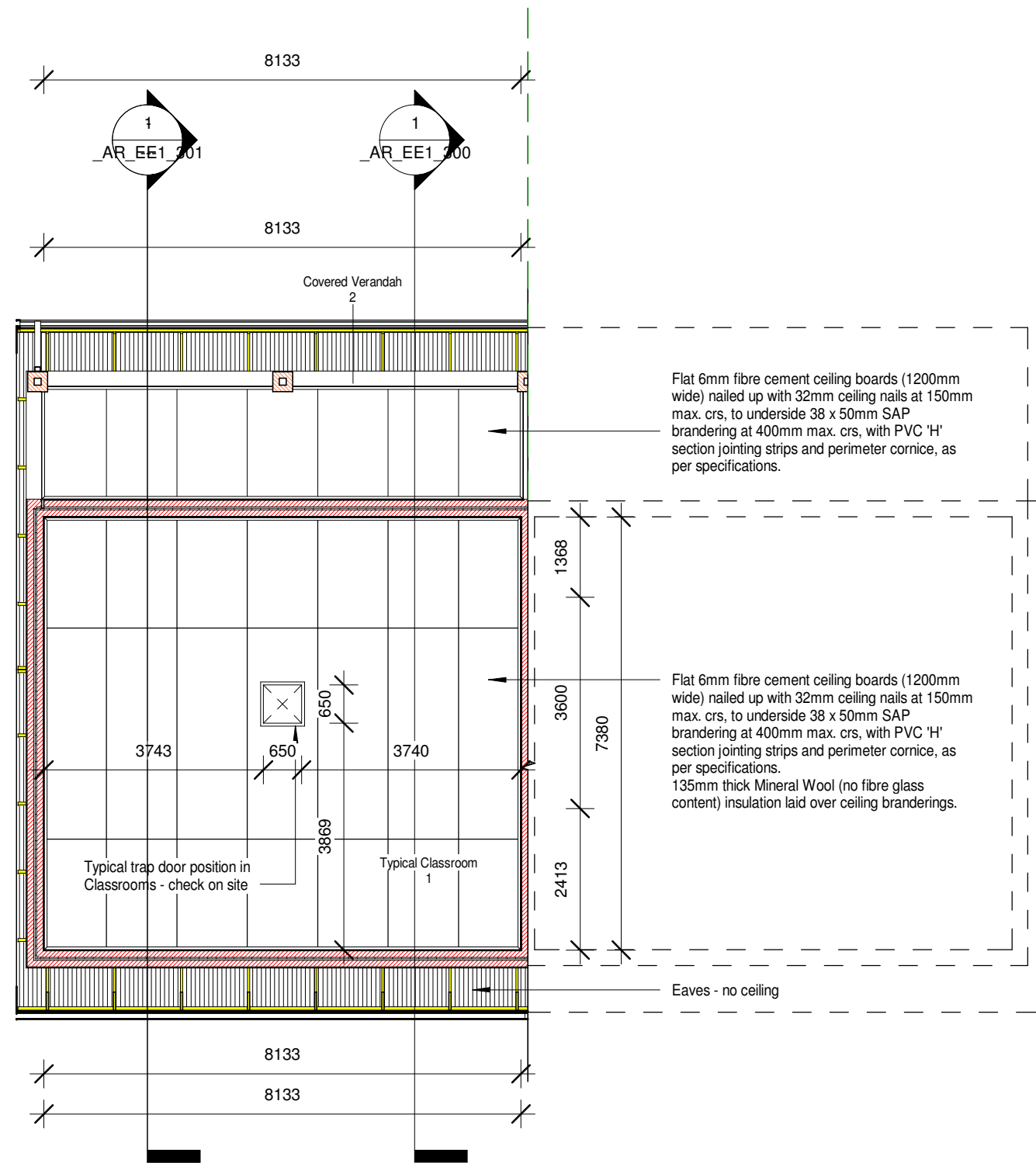
DOCUMENT STATUS

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GROUND FLOOR PLAN

0000_AR_EE1_201

XX XX DD-MM-YYYY As indicated



1 Ceiling Plan
1 : 100

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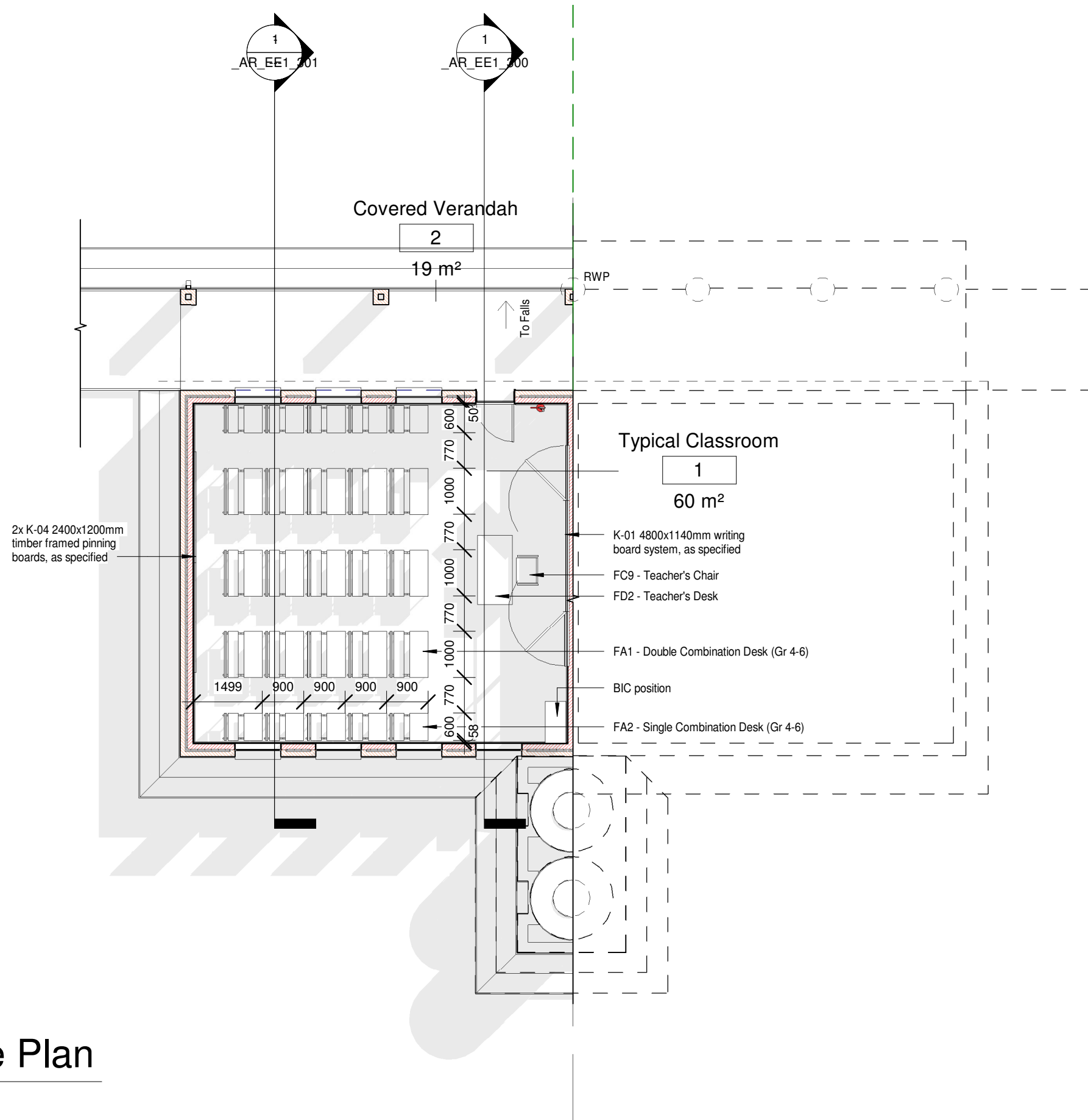


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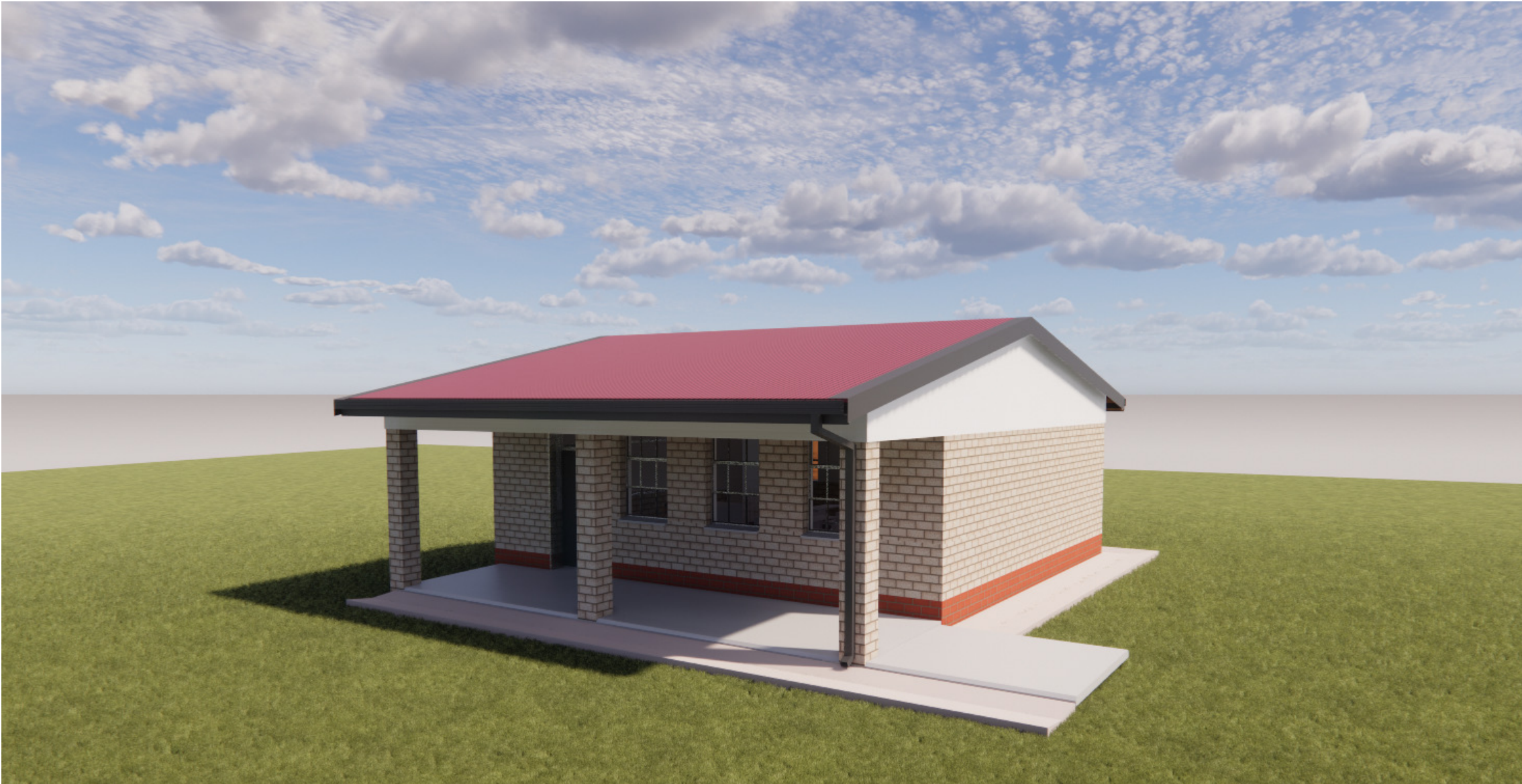
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PROJECT DESCRIPTION	IMPLEMENTATION PROGRAMME	DRAWING DESCRIPTION	CEILING PLAN
DOCUMENT STATUS	DOCUMENT STATUS	DRAWING NUMBER	0000_AR_EE1_202
PROJECT NUMBER	0000	DRAWN BY	XX
DATE	DD-MM-YYYY	CHECKED BY	XX
SCALE	1 : 100	DATE	DD-MM-YYYY



1 Furniture Plan
1 : 100



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PROJECT DESCRIPTION	IMPLEMENTATION PROGRAMME	DRAWING DESCRIPTION	3D PERSPECTIVE
DOCUMENT STATUS	DOCUMENT STATUS	DRAWING NUMBER	0000_AR_EE1_205
PROJECT NUMBER	0000	DRAWING NUMBER	0000
CHECK	XX	CHECK	XX
DATE	DD-MM-YYYY	DATE	DD-MM-YYYY
SCALE	SCALE	SCALE	SCALE

Roof sheeting to be IBR 686 0,8mm thick Z200 Chromadek steel sheeting installed to Manufacturer's specifications and fixed with Manufacturer approved fixings to 76x50mm timber purlins at max. 1200mm centres, on premanufactured engineered timber trusses to Specialist's detail and Engineer's approval. Fixed on 114x38mm SA Pine wallplate & tied down as per Engineer's specification and approval. Exposed timber members to be treated with carbolineum in accordance with the Manufacturer's specification.

135mm non-combustible mineral wool (no fibre glass) insulation blanket fitted between tie beams and laid loose on top of bracing.

Powder coated extruded aluminium rainwater gutters with fixing brackets to 225x15mm Nutec fascia, all as per specifications.

Sisalation® FR 430 fire retardant industrial grade reinforced aluminium foil insulation fixed over roof trusses, under purlins, as per Manufacturer's specifications.

Intermediate 230mm walls to underside of roof finish

Premanufactured timber truss

Powder coated extruded aluminium rainwater gutters with fixing brackets to 225x15mm Nutec fascia, all as per specifications.

U/s Wallplate
2890

Window Head
2465

Ground Floor
0

RC Beam to Engineer's details

6mm Cladit ceiling to verandah, fixed to U/S of 38x50mm SA Pine bracing at 400mm crs.

340 x 340mm brickwork column with concrete infill.

900mm wide in-situ dished apron to falls

Covered Verandah

2

2200

900

80

D1

1140

2075

935

Nail-up ceiling as per details & specifications

Plaster paint internally above dado height, as per specifications

4800x1140mm Writing Boards, as per specifications

Face brick internally to dado height, as per specifications

Typical Classroom

1

Cupboard as specified

W1

Galvanised steel windows with PC sloping cills, as specified in schedules

See Engineer's details for platform levels

Min. 85mm brushed concrete surface bed (to Verandahs) to 1:50 falls to outside, on 250micron USB DPM on 50mm sand blinding layer on max. 150mm layers well compacted fill.

35mm thick cement screed on 85mm concrete surface bed (to Engineer's specifications) on 25mm approved underfloor insulation on 250micron USB DPM on 50mm sand blinding layer on max. 150mm layers well compacted fill. Refer details.

Steel floated dished in-situ concrete apron to falls, all as per Engineer's details.

Section 1

1

1 : 50

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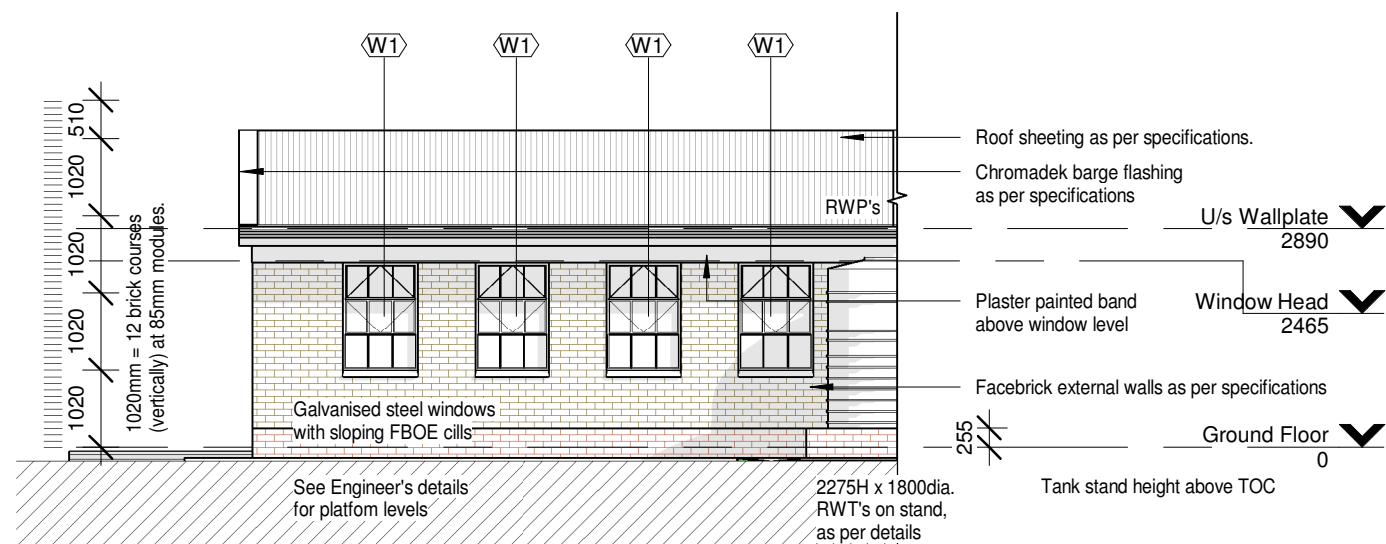


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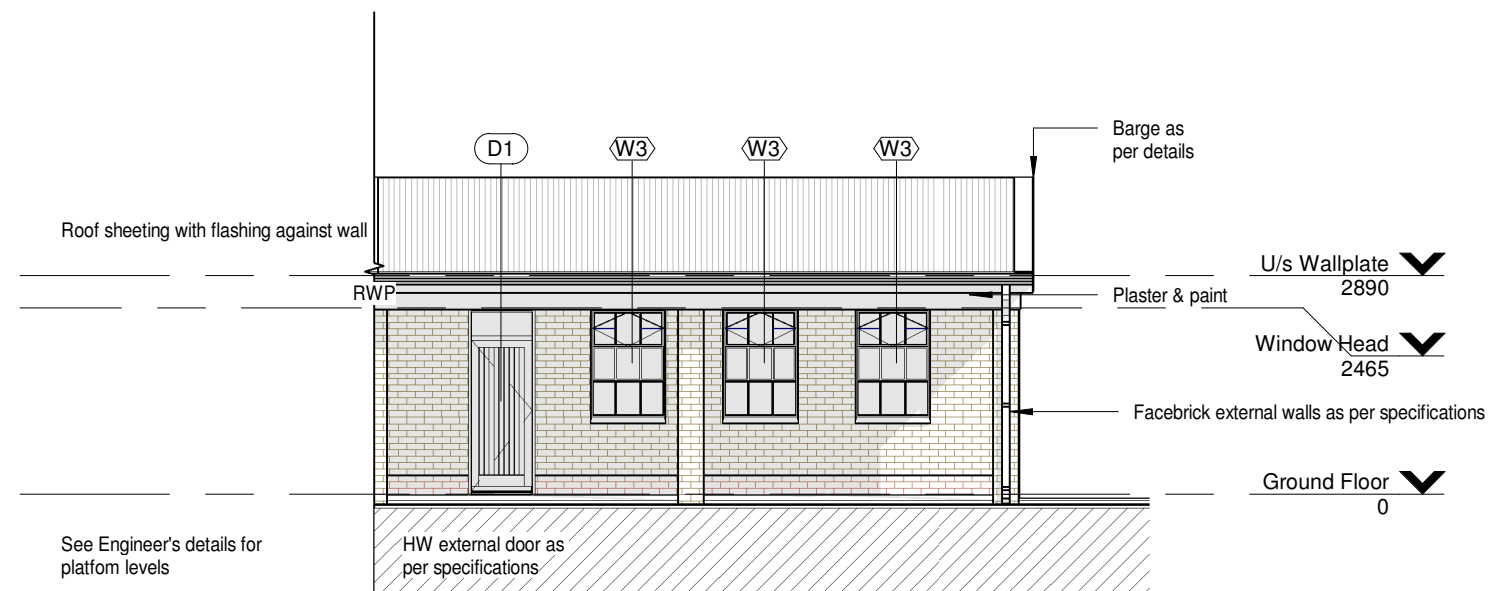
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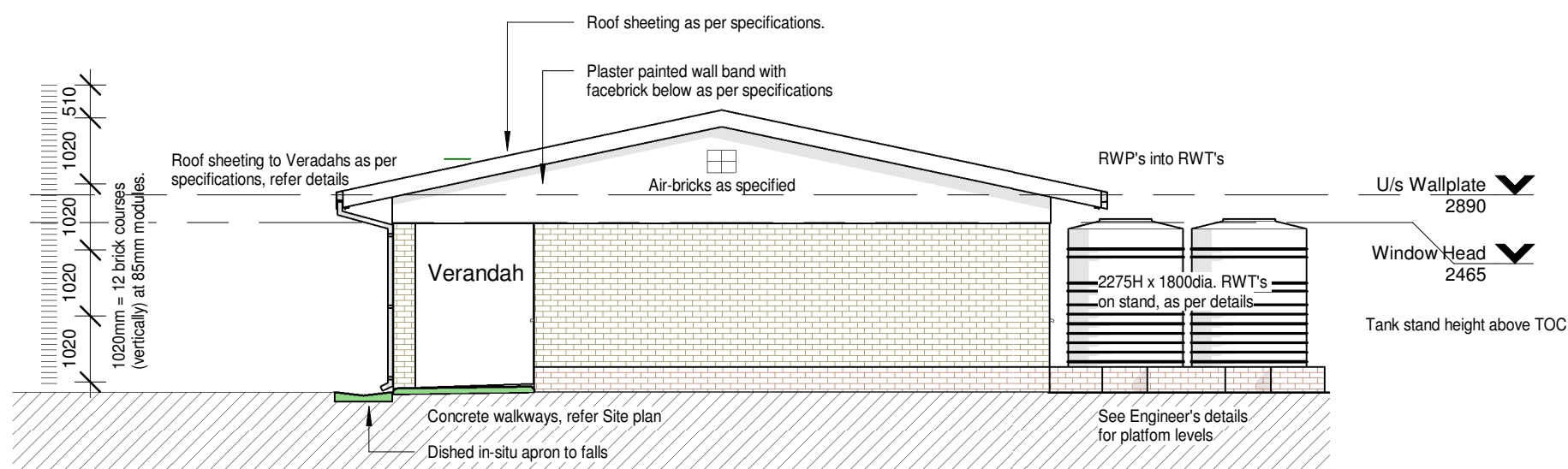
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PROJECT NUMBER	0000	DRAWING NUMBER	0000_AR_EE1_300
DRAWING NUMBER	0000	CHECK	XX
DATE	DD-MM-YYYY	SCALE	1 : 50



1 ELEVATION-1
1 : 100



3 ELEVATION-3
1 : 100



2 ELEVATION-2
1 : 100

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REV	DATE	DESCRIPTION



PROJECT DESCRIPTION	IMPLEMENTATION PROGRAMME	DRAWING DESCRIPTION	ELEVATIONS
DOCUMENT STATUS	DOCUMENT STATUS	DRAWING NUMBER	0000_AR_EE1_400
PROJECT NUMBER	0000	DRAWING NUMBER	0000
DATE	DD-MM-YYYY	CHECK	XX
SCALE	1 : 100	REVISION	

WINDOW TYPE:	W1	QUANTITY:	DESCRIPTION:
<p>NOTE: All glazing shall be in accordance with SABS 0400 - 1990, SABS 0137 and SABS 1263 - 1 all safety glazing materials (individual panes) shall be permanently marked. Such marking shall be visible after glazing process. If it is not marked, it is not safety glass.</p>			<p>Durowin SS33 internally glazed industrial hot dip galvanised, size 987 x 1445mm high with B2 burglar bars (bars on opening sections only).</p>
			FINISH:
			<p>Galvanised Mild Steel Painting: Dulux Gloss Enamel alkyd paint (Colour: To be selected) to galvanised steel.</p> <p>Surface to be sound, dry and clean. Apply Dulux Galvkleen to all bare galvanised areas, flush with water to remove all surface contaminants, until surface is water break-free. Prime surface with one coat Dulux Primer for Galvanised Iron (Code: D193-1856) with an overcoating time of 36 hours, undercoat with one coat Dulux Universal Undercoat (Code: D196-0763) with an overcoating time of 18 hours and finish with two coats Dulux Gloss Enamel (Code: D232-0734) with an overcoating time of 18 hours.</p>
			GLAZING:
			<p>Glass: 6.38mm Clear Laminated Safety glass.</p> <p>Strictly in accordance with glass Manufacturer's recommendations and SANS 10137:2011 all in accordance with SANS 10400 parts b, n, xa</p>
ELEVATION (EXTERIOR)			
BUILDING No:	SCALE 1:25		
WINDOW No:			


WINDOW TYPE:	W3	QUANTITY:		DESCRIPTION:
				<p>Durowin SS31/SSF32 internally glazed industrial hot dip galvanised, size 987 x 1445mm high with B2 burglar bars (bars on opening sections only).</p>
				FINISH:
				<p>Galvanised Mild Steel Painting: Dulux Gloss Enamel alkyl paint (Colour: To be selected) to galvanised steel.</p> <p>Surface to be sound, dry and clean. Apply Dulux Galvkleen to all bare galvanised areas, flush with water to remove all surface contaminants, until surface is water break-free. Prime surface with one coat Dulux Primer for Galvanised Iron (Code: D193-1856) with an overcoating time of 36 hours, undercoat with one coat Dulux Universal Undercoat (Code: D196-0763) with an overcoating time of 18 hours and finish with two coats Dulux Gloss Enamel (Code: D232-0734) with an overcoating time of 18 hours.</p>
				GLAZING:
<p>ELEVATION (EXTERIOR)</p>				<p>Glass: 6.38mm Clear Laminated Safety glass.</p> <p>Strictly in accordance with glass Manufacturer's recommendations and SANS 10137:2011 all in accordance with SANS 10400 parts b, n, xa</p>
BUILDING No:				SCALE 1:25
WINDOW No:				

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DOCUMENT STATUS

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PROJECT DESCRIPTION	INSERT PROJECT DESCRIPTION
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PROJECT NUMBER	0000
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DRAWING DESCRIPTION
WINDOWS

DRAWING NUMBER				REVISION
0000 _AR_ EE1 _500				
PROJECT NUMBER	DISCIPLINE	BUILDING CATEGORY	DRAWING NUMBER	

DRAWN XX <small>INITIALS</small>	CHECK XX <small>INITIALS</small>	DATE DD-MM-YYYY <small>DAY MONTH YEAR</small>	SCALE 1:25
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DOOR TYPE:	D1	QUANTITY:		FRAME DESCRIPTION:
				285mm standard 1.6mm galvanised steel door frame double rebated for 285mm brick wall. NOTE: Frame to be inclusive off 3x GMS hinges by Manufacturer & striker plate with sash & mortise.
				FRAME FINISH:
				One coat primer One undercoat, and 2 coats low gloss non-drip enamel, as per Finishing Schedule
				DOOR DESCRIPTION:
				813x2032mm x 44mm thick FLB&B door. Add 6mm Marine Ply recessed to inside face. Ex 70x32mm weather board Threshold reeded & to fall 6mm to outside.
				DOOR FINISH:
				One coat wood primer One undercoat, and 2 coats low gloss non-drip enamel, as per Finishing Schedule, all in accordance with the Manufacturer's recommendations.
				NOTES:
				Hinges & frame to be supplied for approval prior to installation. 6.38mm clear laminated safety glass to fixed fanlight.
ELEVATION (EXTERIOR)				DOOR HANDING / LEGEND:
BUILDING No:		SCALE 1:25		
DOOR No:				
DOOR LOCATION:				
REFER TO BUILDING K.O.P. SCHEDULE				
IRONMONGERY:				
Hinges: 3x factory fitted, as supplied by frame Manufacturer (Architect to approve sample before installation on site) Locks: Three lever mortice lockset as "Union 2277-78" with striking plate fixed to steel door frame. Door handles: "Union" 'Protea' CB612-24SC brass lever furniture. Sundries: "Union" CZ8731SC door stop.				

[illegible]