

NOTES

medium de

DPCS at lintols: to be inserted above all windows, stepped up one course and built into inner skin coursing with mortar fill under all as detailed.

External / load bearing walls: to have galvanised brickforce reinforcing at 4 course intervals to full height.
N.B. Brickforce reinforcing strips to be built in isolation into the appropriate brick skin and must not be used to tie the inner and outer skins of the cavity together.

External brickwork generally: 85mm brick gauge with maximum 10mm deep tooled, half-round horizontal and vertical joints all laid in compo mortar comprising 1 part cement: 1/4 part cape lime company plastic, pressure hydrated lime: 6 parts sand with open perpend forming weepholes as specified.

Internal brickwork generally: to be laid in compo mortar comprising 1 part cement: 1 part cape lime company plastic, pressue hydrated lime: 6 parts sand. Internal walls to be smooth plaster finished with 1 coat white filler coat and then 2 coats super acrylic PVA..

FLOORS
Structural floor topping with smooth steel float finish on 85mm thick concrete surface bed on 250 micron Gunpla USB green waterproof membrane on well compacted clay free earth fill.

GENERAL
Black rubber door stop, 32mm, plugged and screwed to wall.

GENERAL NOTES :

REV.	DATE	DETAILS	Chd	Appd
		REVISIONS		

IMPLEMENTING AGENT



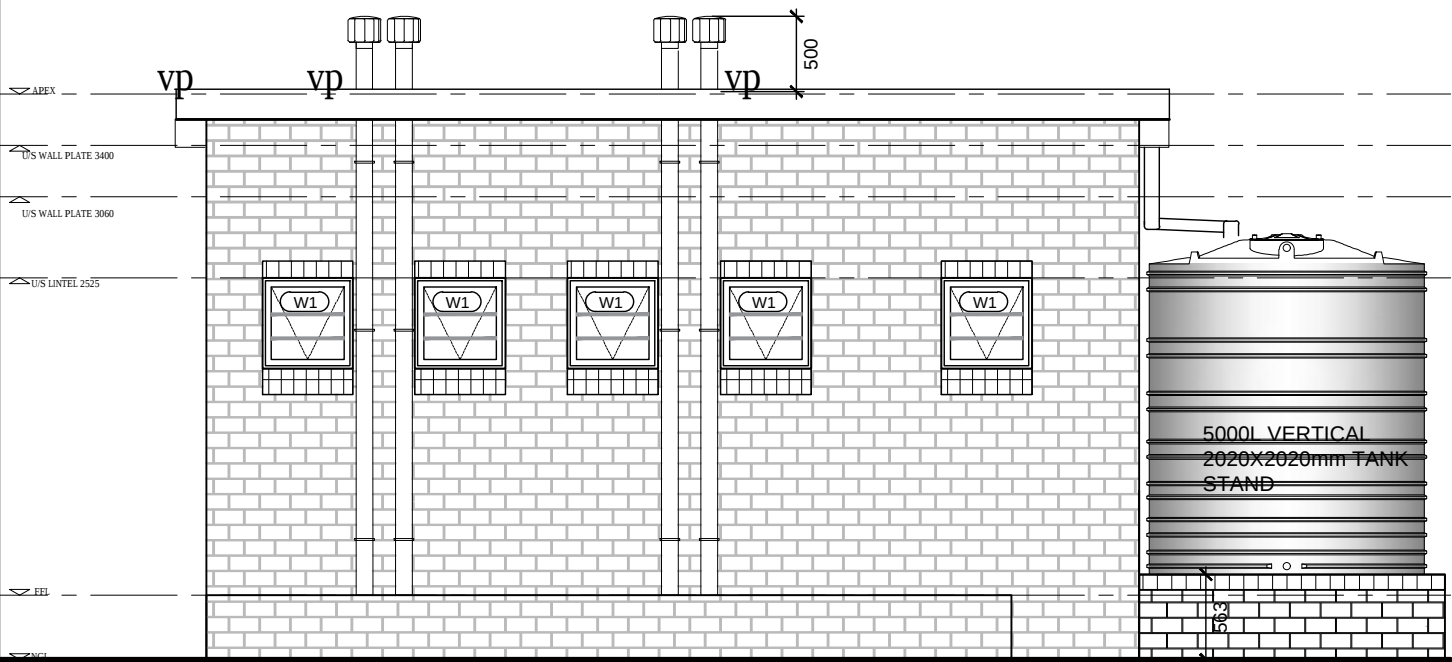
PROJECT

SAFE PROGRAMME:
CONSTRUCTION OF ABLUTION
BLOCKS IN VARIOUS SCHOOLS
IN THE EASTERN CAPE

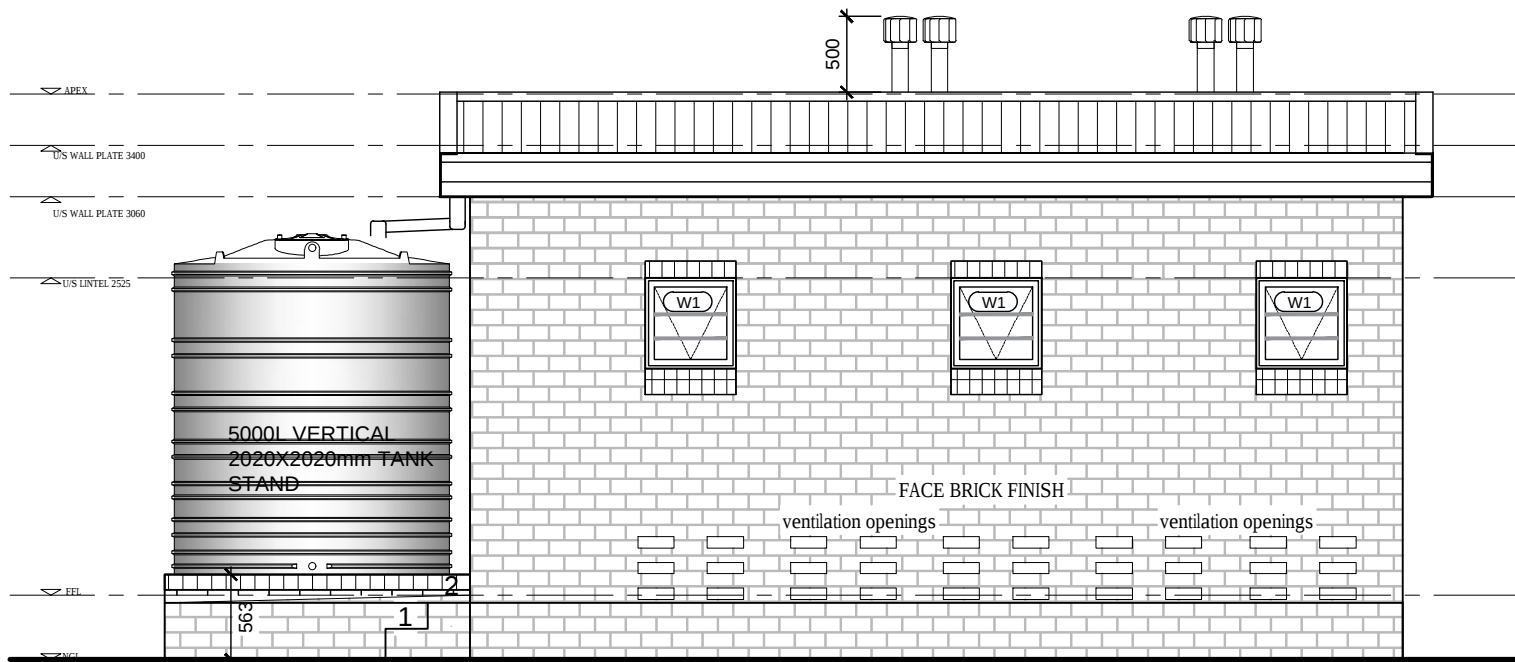
DESCRIPTION

DESCRIPTION DWG 12 - MALE
FLOOR PLAN, SECTIONS &
ELEVATIONS

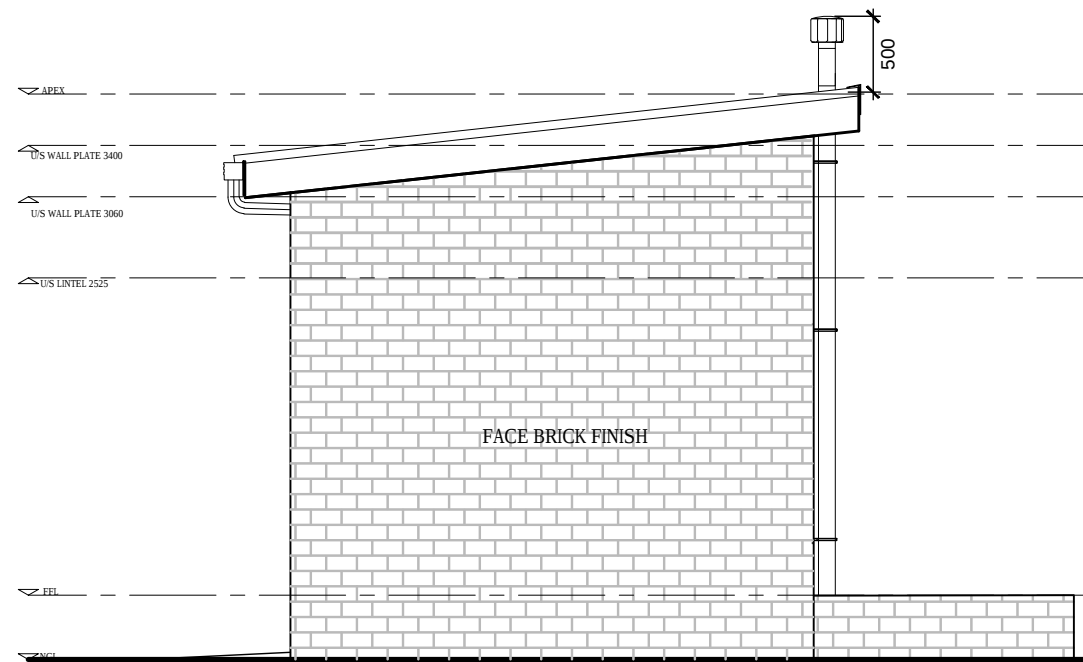
Drawn NJ	Checked MN	Designed MN
Scale AS SHOWN	Date APRIL 2021	
Project No EL085-2019	Dwg. No 112	Rev 1



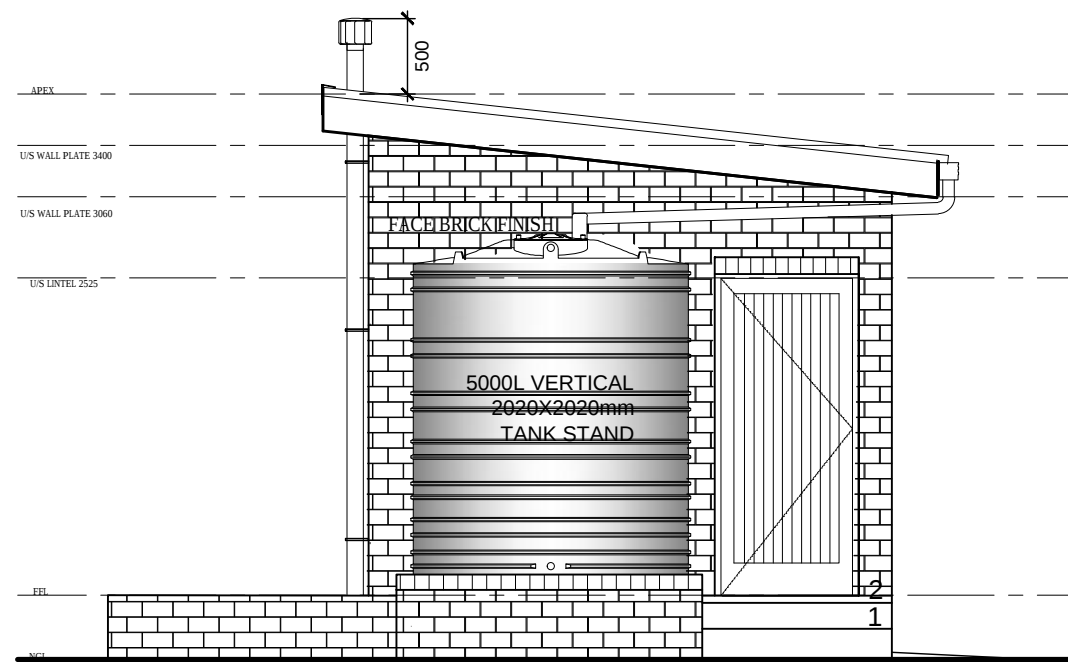
REAR ELEVATION
SCALE 1:50



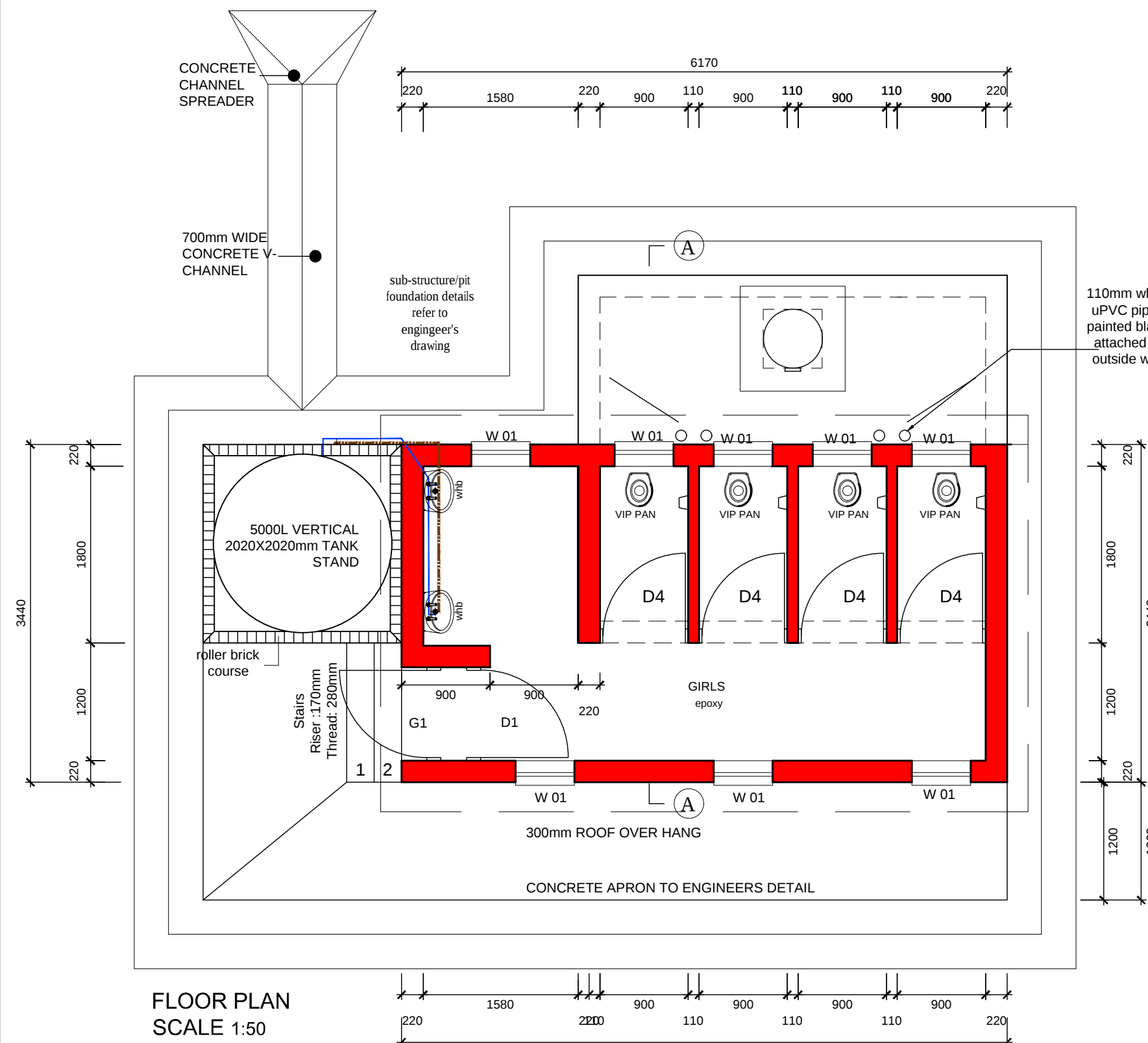
FRONT ELEVATION
SCALE 1:50



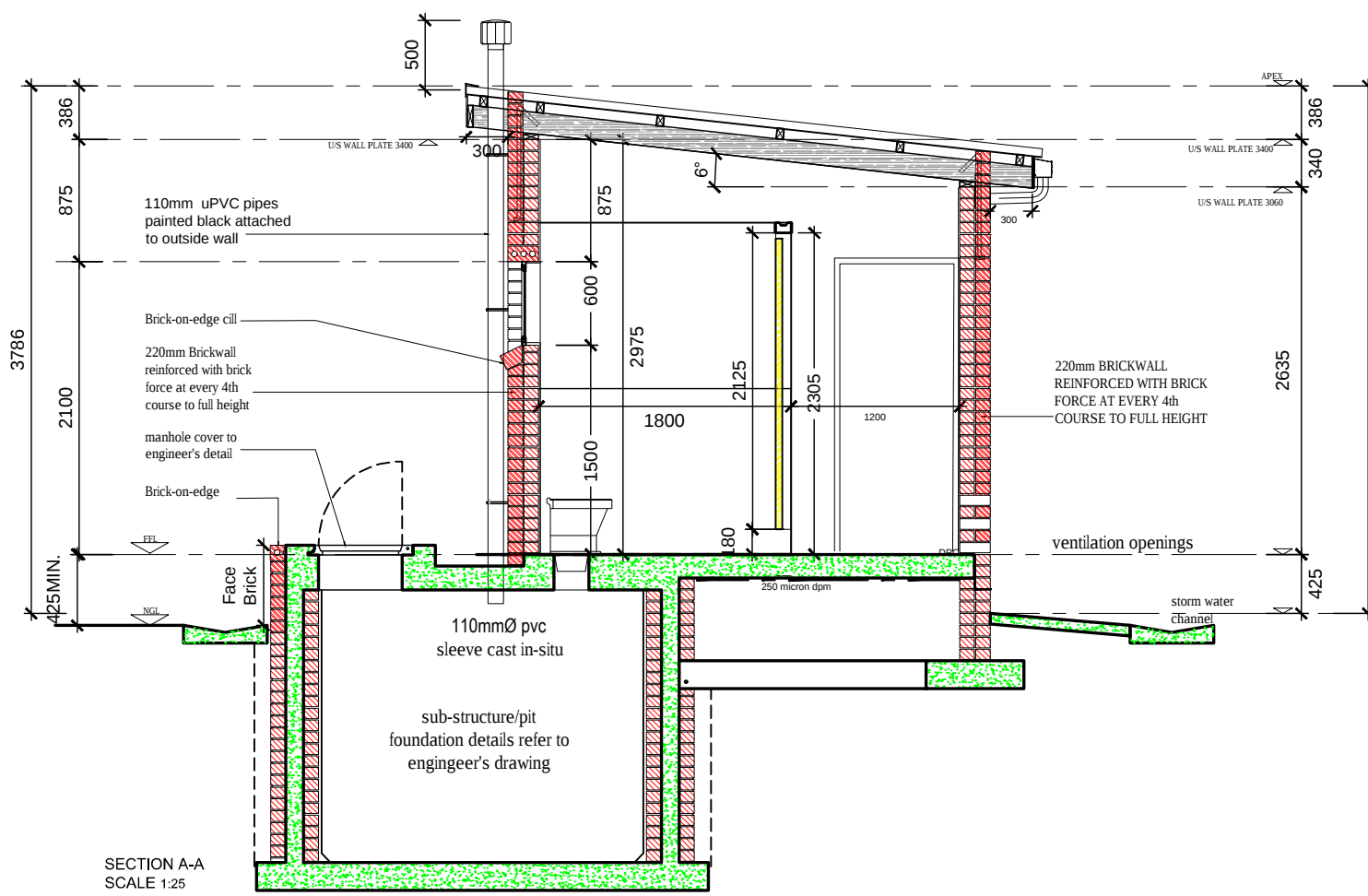
RIGHT ELEVATION
SCALE 1:50



LEFT ELEVATION
SCALE 1:50



FLOOR PLAN
SCALE 1:50



SECTION A-A
SCALE 1:25

ROOF
0.55mm thick IBR 890 metal roof sheeting with Chromadek Z275 protective coating @ 6", positive fixed on 76x50mm S5 treated timber purlins @ 975mm c/c fixed to 152x38mm thick S5 timber rafters @ 1150mm c/c spacings, on 114x38mm S.A. pine timber wallplates in long lengths, half lapped & spiked at joints with gangnail plates, bedded on cement mortar & leveled before being down to walls with 1.6 mm thick galvanised hoop iron, 32mm wide into min. of 6 courses into 220mm brickwall & tied around rafter and fixed with four galvanised nails, 40 mm long.
NOTE: Roof construction to be done by a competent person.
On-site the roof must be placed on evenly laid pallets, covered & protected against weather. Hurricane Clips fixed with permix nails or bolts through pre-drilled holes at covered verandah/ tank stand area must be provided for.

CARBOLINEUM WOOD PRESERVER
All exposed structural timber is to receive two coats carbolineum. Timber must be dry and carbolineum applied to the entire roof trusses before the application of roof sheets.

RIDGE
Mono pitched galvanised metal ridge capping with 225mm lapping secured onto the roof, final colour to match roof sheet covering.

GUTTER / DOWNPIPE
125mm half round PVC gutter including gutter brackets at 1m centres with 75mm rainwater PVC fluted downpipes to 2500L vertical RWHT.

VENT PIPE
110mm white uPVC pipes painted black fixed firmly to outside wall with adequate brackets @ max. of 500mm. Vent Pipes at to be 500mm from highest point of roof and fitted with black PVC whirlybird vent capping inserted on 110mm diameter pvc sleeve cast in-situ

NOTES

FASCIA
medium density plain ungrooved fascia boards, size 225 x 12mm thick, fixed to 114 x 38mm support battenfixed between steel structure.Screwed with 12 x 40mm countersunk brass screws at 900mm centres to support battens with aluminium H-profile fascia jointer between boards and aluminium H-profile fascia corner joiners at board ends.

BARGE BOARD
85 x 275 x 6mm Barge board drilled and brass screwed to purlin ends including galvanised steel H-profile jointing strips, screws, holes etc.

EXTERNAL CILLS
Precast concrete cill on edge with 375 micron brickgrip dpc underneath the cill

WALLS
Damp proof coursing: to be gunplas black brickgrip or equal and approved 375 micron dpc, lapped minimum 150mm at all joints, and similarly lapped over green under-door damp proof membrane.

DPCS at door reveals (in cavity construction): minimum 150mm wide, to be tucked into side of door and window frames and sandwiched in mortar between outer, facebrick skin and cavity closer and to overlap lintel and cill DPCS.

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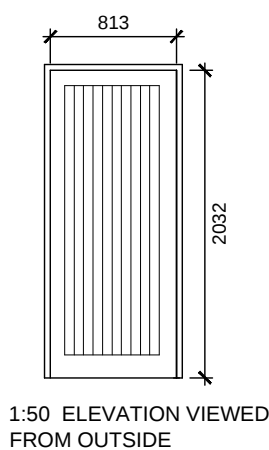
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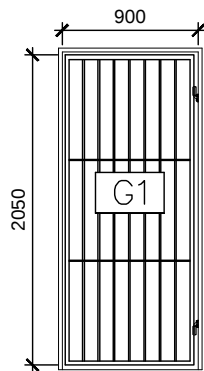
GENERAL
Black rubber door stop, 32mm, plugged and screwed to wall.

D1
DIMENSIONS TO BE CONFIRMED
ON SITE BEFORE
MANUFACTURING.



DESCRIPTION.
2032 x 813 x 40mm fibbb single door with flush ply panel internally . 110 x 44mm stiles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "v" jointed boards
FINISH.
Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:
IRONMONGERY
1.5 PR. 100 X 75MM NYLON INSERT BRASS BUTT, AS HMP REF:H32R.
1 ONLY UNION 2277-78MSS 3-LEVER SASH MORTICE LOCK.
1 SET UNION CZ682-24SC RADIUS LEVER FURNITURE.
1 ONLY DJW NO.1 CONCEALED FIXING BLACK PLASTIC DOOR STOP.
GLAZING
FRAME
108 x 70mm rebated meranti door frame with 13 x 13mm meranti scotia trim both sides.
FINISH.
Knot, stop and sand. Prime and apply one coat Universal Undercoat and 2 coats Plascon Super Eggshell Enamel. Clour:
NOTES.

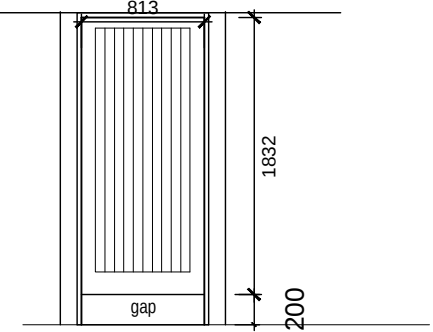
GATE 1



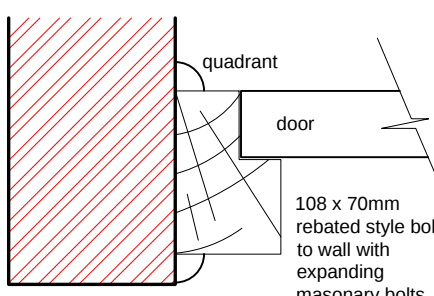
DESCRIPTION.
Hot dip galvanised mild steel gate consisting of 12mm diameter steel rods placed at 109 mm centers as per detail.
FINISH.
Hot dip galvanised
IRONMONGERY
Padlock as per detail.
FRAME
25 x 25 x 2mm mild steel square tube welded to form frame.
FINISH.
Hot dip galvanised
NOTES.

D4

DIMENSIONS TO BE CONFIRMED ON SITE BEFORE MANUFACTURING.

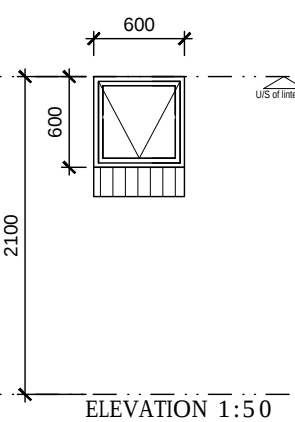


TOILET



DESCRIPTION.
1882 x 813 x 40mm purpose made Framed & Ledged single door with flush ply panel internally . 110 x 44mm stiles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "v" jointed boards
FINISH.
Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:
IRONMONGERY
1.5 Pair. 100 x 75mm Nylon insert brass butt, as HMP REF:H32R.
LOCKSET: 1 x UNION w/c indicator bolt satin Chrome - Code CZ80941SC.
1 ONLY DJW NO.1 concealed fixing black plastic door stop.
1 only Stainless Steel Hat and coat hook , code DHC-SS-030-A
FRAME
108 x 70mm rebated meranti frame, to be bolted to wall with expanding masonry bolts. 4 per style.
FINISH.
Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:
NOTES.

WINDOW 1



DESCRIPTION.
600 x600mm top hug aluminium window,the aluminium sections shall be fabricated as per AAAMSA regulation .
FINISH.
Anodised finish.
GLAZING
6.38mm obscure safety glass
CILL
Interior cills: 15 x 150mm Fibrecement cill fixed with fibre cement standard galvanised lugs screwed to undersid of cill and cast into mortar bed in compliance with manufactures specification. Cills to have top aris and corners sanded down to produce an even chamfer. Prepare, stop to receive one undercoat and two coats eggshell enamel.
External cill: to be Soldier course flushing with the face of brickwork.
NOTES
• Glazing shall be executed strictly in conformance with glass manufacturer's recommendations and all in accordance with the National Building Regulations Parts B, N, T, SANS 10137, SANS 10400 and SANS 1263.
• All safety glass and glazing materials (individual panes) shall be permanently marked in such a way that such marking will be visible after installation of glazing.

GENERAL NOTES :

REV.	DATE	DETAILS	Chd	Appl
REVISIONS				

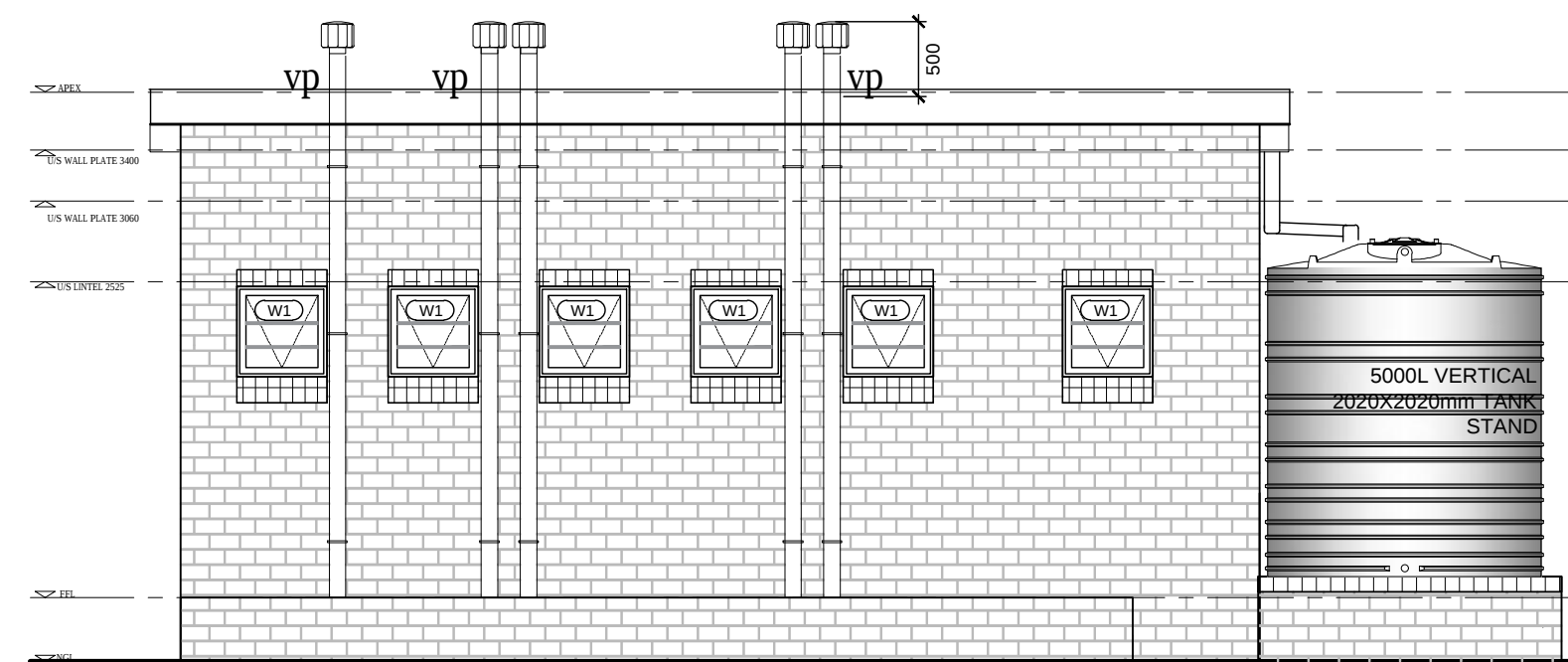
IMPLEMENTING AGENT	
	

	Sanitation Appropriate For Education (SAFE) Initiative
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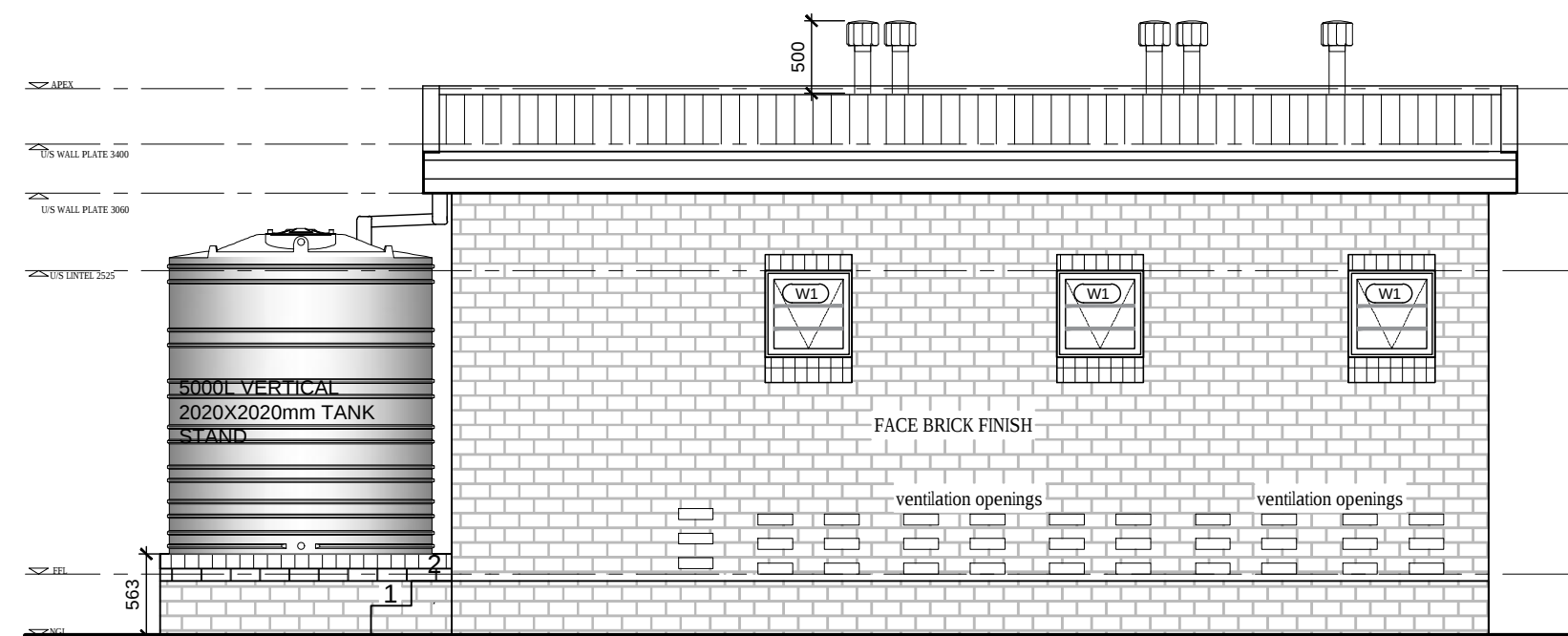
PROJECT
**SAFE PROGRAMME:
CONSTRUCTION OF ABLUTION
BLOCKS IN VARIOUS SCHOOLS
IN KZN**

DESCRIPTION
**DWG 15 - FEMALE
FLOOR PLAN, SECTIONS &
ELEVATIONS**

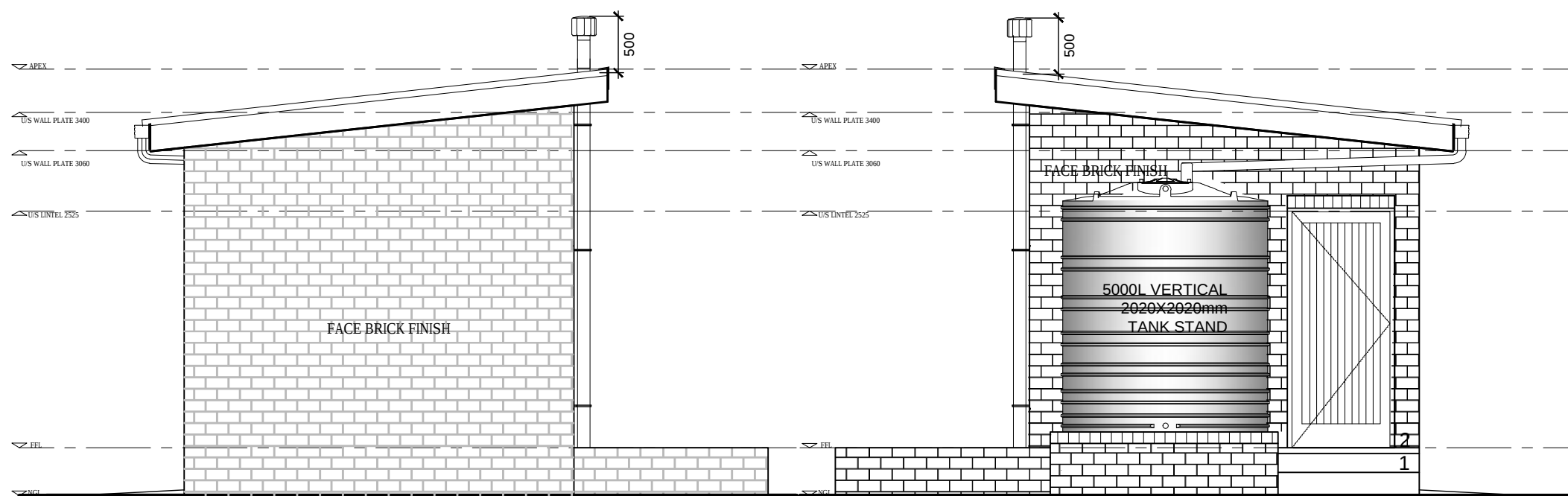
Drawn NJ	Checked MN	Designed MN
Scale AS SHOWN	Date APRIL 2021	
Project No EL085-2019	Dwg. No 115	Rev 1



REAR ELEVATION
SCALE 1:50

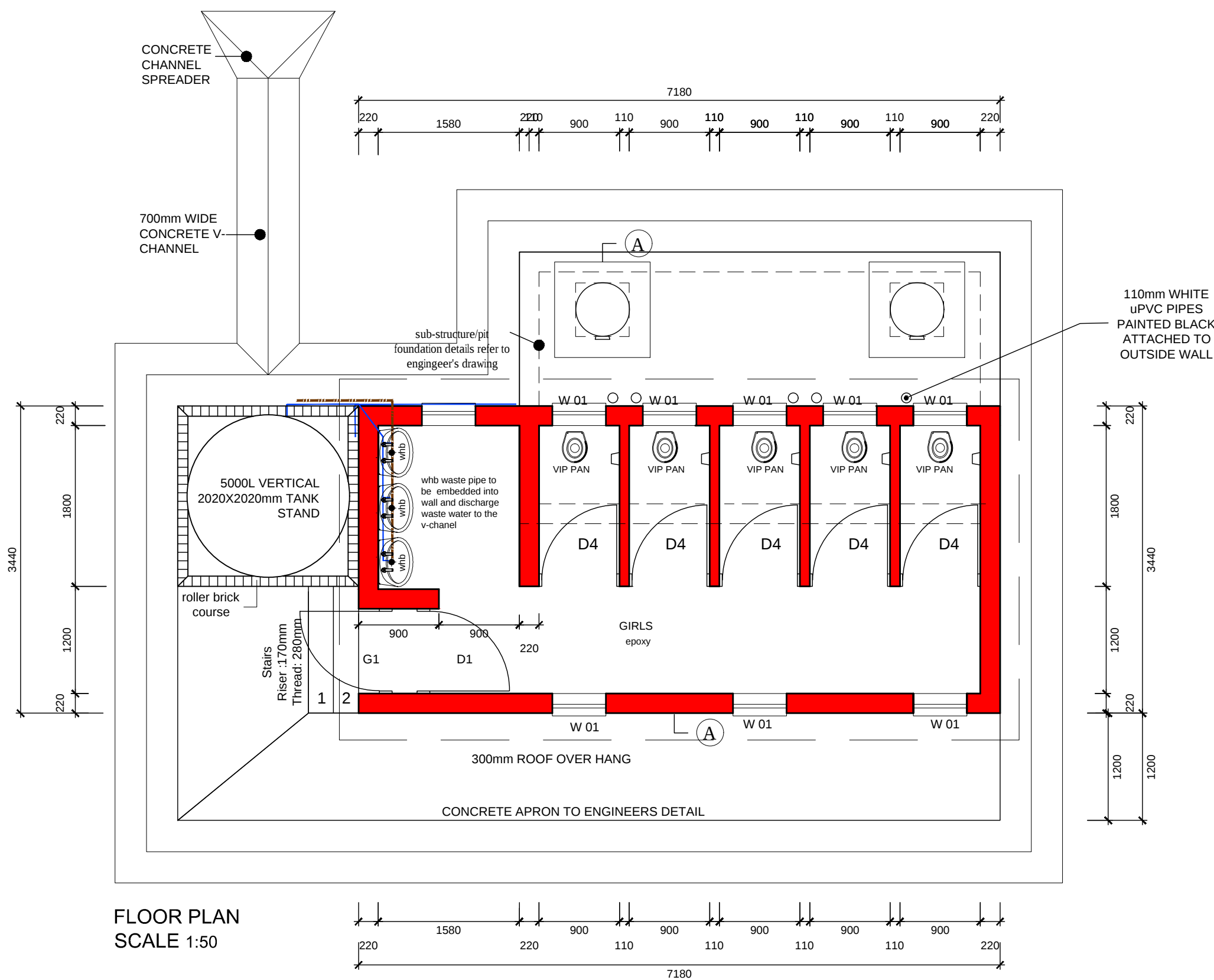


FRONT ELEVATION
SCALE 1:50



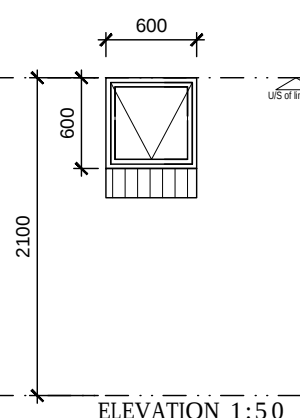
RIGHT ELEVATION
SCALE 1:50

LEFT ELEVATION
SCALE 1:50



FLOOR PLAN
SCALE 1:50

WINDOW 1



DESCRIPTION
600 x600mm top hug aluminium window,the aluminium sections shall be fabricated as per AAAMSA regulation .
FINISH
Anodised finish.
GLAZING
6.38mm obscure safety glass
CILL
Interior cills: 15 x 150mm Fibrecement cill fixed with fibre cement standard galvanised lugs screwed to underside of cill and cast into mortar bed in compliance with manufactures specification. Cills to have top aris and corners sanded down to produce an even chamfer. Prepare, stop to receive one undercoat and two coats eggshell enamel.
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NOTES

ROOF
0.58mm thick IBR 890 metal roof sheeting with Chromadek Z275 protective coating @ 6°, positive fixed on 76x50mm SS treated timber purlins @ 975mm c/c fixed to 152x38mm thick SS timber rafters @ 1150mm c/c spacings, on 114x38mm S.A. pine timber wallplates in long lengths, half lapped & spiked at joints with gangnail plates, bedded on cement mortar & leveled before being down to walls with 1.6 mm thick galvanised hoop iron, 32mm wide into min. of 6 courses into 220mm brickwall & tied around rafter and fixed with four galvanised nails, 40 mm long.
NOTE: Roof construction to be done by a competent person.
On-site the roof must be placed on evenly laid pallets, covered & protected against weather. Hurricane Clips fixed with permix nails or bolts through pre-drilled holes at covered verandah tank stand area must be provided for.

CARBOLINEUM WOOD PRESERVER
All exposed structural timber is to receive two coats carbolineum. Timber must be dry and carbolineum applied to the entire roof trusses before the application of roof sheets.

RIDGE
Mono pitched galvanised metal ridge capping with 225mm lapping secured onto the roof, final colour to match roof sheet covering.

GUTTER / DOWNPIPE
125mm half round PVC gutter including gutter brackets at 1m centres with 75mm rainwater PVC fluted downpipes to 2500L vertical RWHT.

VENT PIPE
110mm white uPVC pipes painted black fixed firmly to outside wall with adequate brackets @ max. of 500mm. Vent Pipes at to be 500mm from highest point of roof and fitted with black PVC whirlybird vent capping inserted on 110mm diameter pvc sleeve cast in-situ

FASCIA
medium density plain ungrooved fascia boards, size 225 x 12mm thick, fixed to 114 x 38mm support battens/between steel structure.Screwed with 12 x 40mm countersunk brass screws at 900mm centres to support battens with aluminium H-profile fascia joiner between boards and aluminium H-profile fascia corner joiners at board ends.

BARGE BOARD
85 x 275 x 6mm Barge board drilled and brass screwed to purlin ends including galvanised steel H-profile jointing strips, screws, holes etc.

EXTERNAL CILLS
Precast concrete cill on edge with 375 micron brickgrip dpc underneath the cill

WALLS
Damp proof coursing: to be gunplas black brickgrip or equal and approved 375 micron dpc, lapped minimum 150mm at all joints, and similarly lapped over green under-floor damp proof membrane.

DPCS at door reveals (in cavity construction): minimum 150mm wide, to be tucked into side of door and window frames and sandwiched in mortar between outer, facebrick skin and cavity closer and to overlap lintel and cill DPCS.

DPCS at lintels: to be inserted above all windows, stepped up one course and built into inner skin coursing with mortar fill under all as detailed.

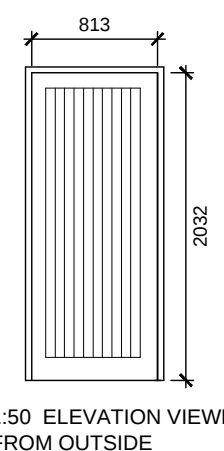
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N.B. Brickforce reinforcing strips to be built in isolation into the appropriate brick skin and must not be used to tie the inner and outer skins of the cavity together.

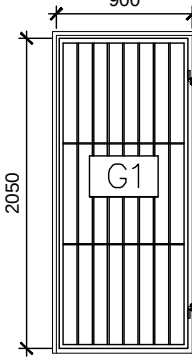
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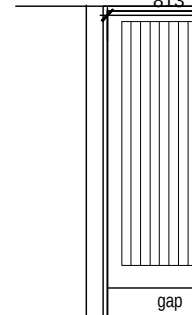
Internal brickwork generally: to be laid in compo mortar comprising 1 part cement: 1 part cape line company plastic, pressure hydrated lime: 6 parts sand, internal walls to be smooth plaster finished with 1 coat white filler coat and then 2 coats super acrylic PVA.

FLOORS
Structural floor topping with smooth steel float finish on 85mm thick concrete surface bed on 250 micron Gunplas USB green waterproof membrane on well compacted clay free earth fill.

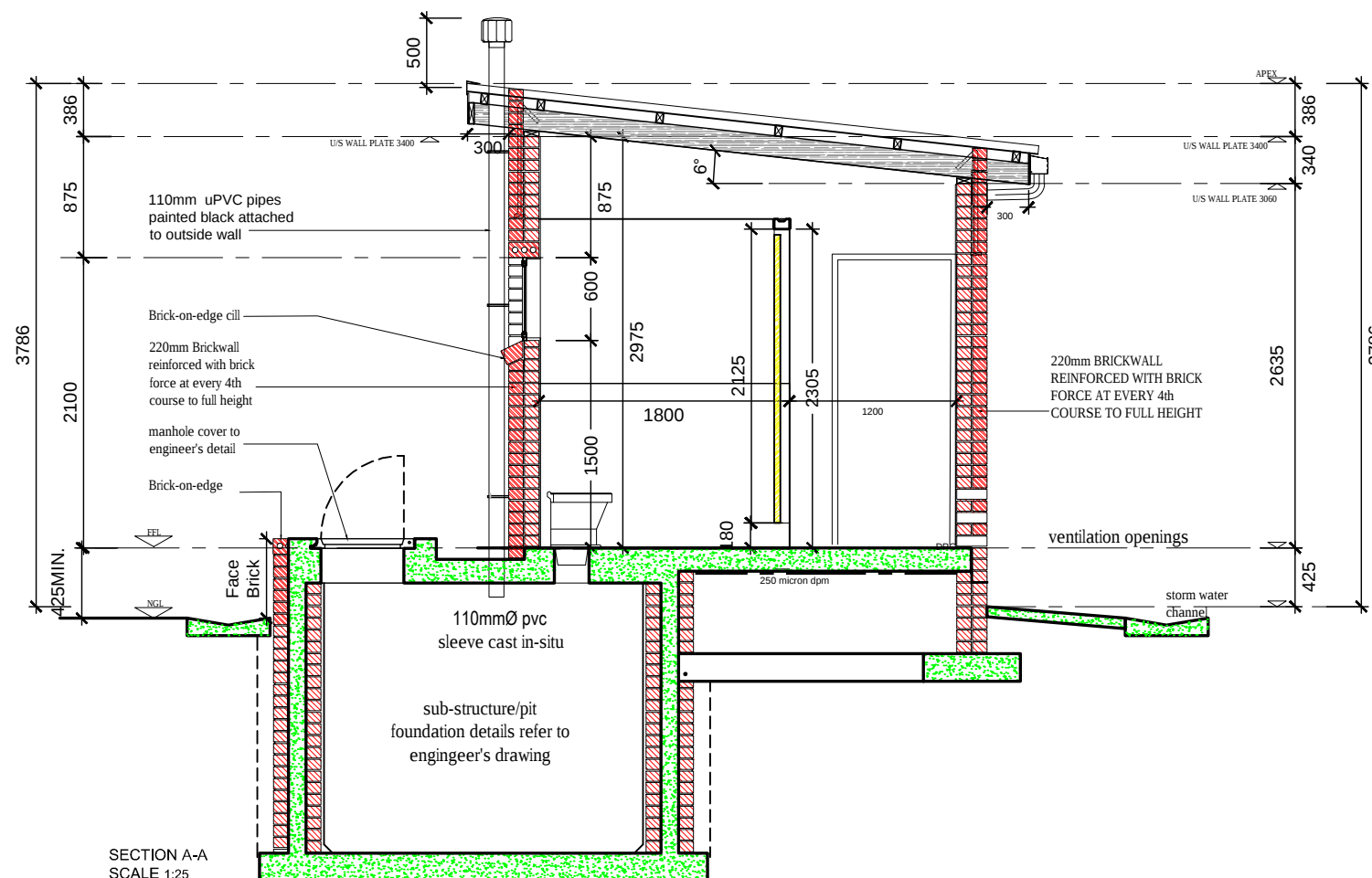
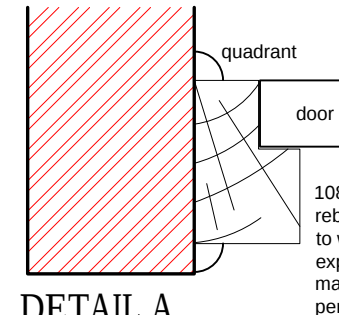
GENERAL
Black rubber door stop, 32mm, plugged and screwed to wall.

D1 DIMENSIONS TO BE CONFIRMED ON SITE BEFORE MANUFACTURING.	DESCRIPTION 2032 x 813 x 40mm fib&b single door with flush ply panel internally. 110 x 44mm stiles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "v" jointed boards
	FINISH Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:
	IRONMONGERY 1.5 PR 100 x 75mm NYLON INSERT BRASS BUTT, AS HMP REF:H32R. 1 ONLY UNION 2277-78MSS 3-LEVER SASH MORTICE LOCK. 1 SET UNION C2682-24SC RADIUS LEVER FURNITURE. 1 ONLY DJW NO.1 CONCEALED FIXING BLACK PLASTIC DOOR STOP.
	GLAZING
	FRAME 108 x 70mm rebated meranti door frame with 13 x 13mm meranti scotia trim both sides.
	FINISH Knot, stop and sand. Prime and apply one coat Universal Undercoat and 2 coats Plascon Super Eggshell Enamel. Clour:
	NOTES

GATE 1	DESCRIPTION Hot dip galvanised mild steel gate consisting of 12mm diameter steel rods placed at 109 mm centers as per detail.
	FINISH Hot dip galvanised
	IRONMONGERY Padlock as per detail.
	FRAME 25 x 25 x 2mm mild steel square tube welded to form frame.
	FINISH Hot dip galvanised
	NOTES

D4 DIMENSIONS TO BE CONFIRMED ON SITE BEFORE MANUFACTURING.	DESCRIPTION 1832 x 813 x 40mm purpose made Framed & Lugged single door with flush ply panel internally. 110 x 44mm stiles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "v" jointed boards
	FINISH Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:
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	NOTES

TOILET



GENERAL NOTES :

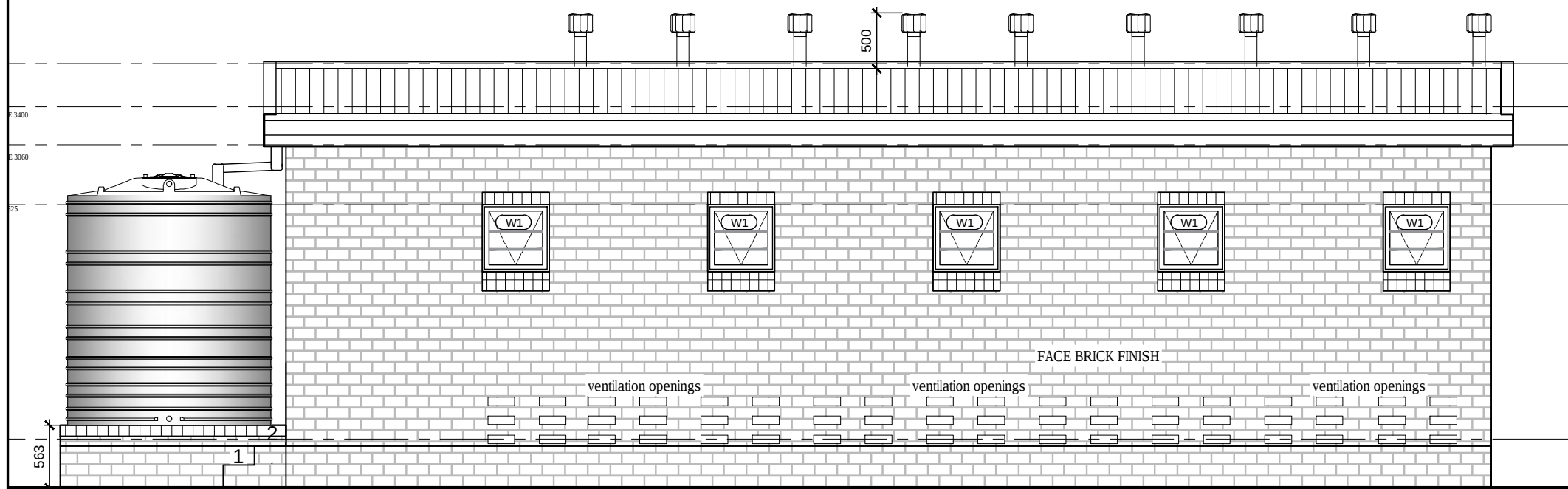
REV.	DATE	DETAILS	Chd	Appl
		REVISIONS		



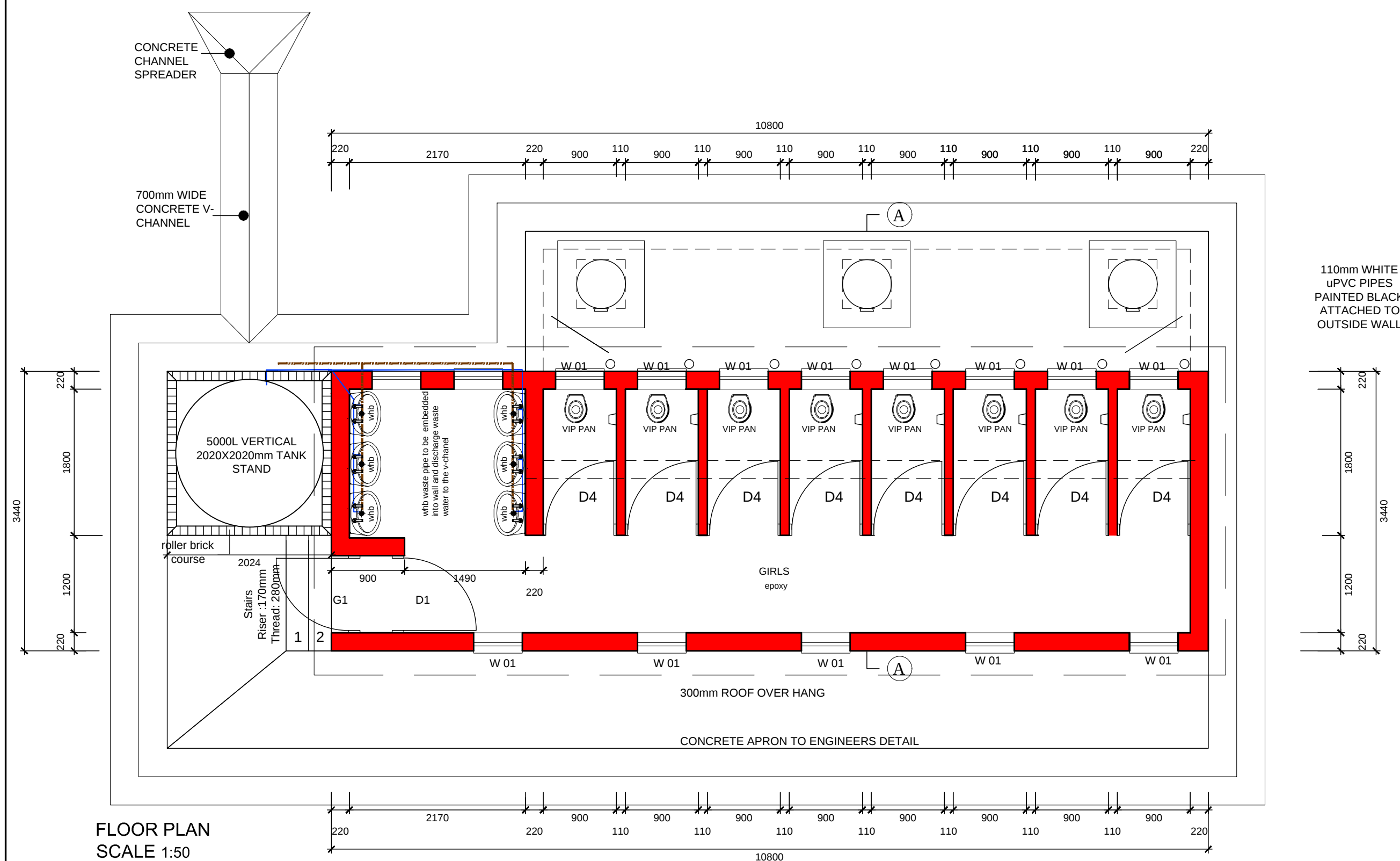
PROJECT
**SAFE PROGRAMME:
CONSTRUCTION OF ABLUTION
BLOCKS IN VARIOUS SCHOOLS
IN THE EASTERN CAPE**

DESCRIPTION
**DWG 16 - FEMALE
FLOOR PLAN, SECTIONS &
ELEVATIONS**

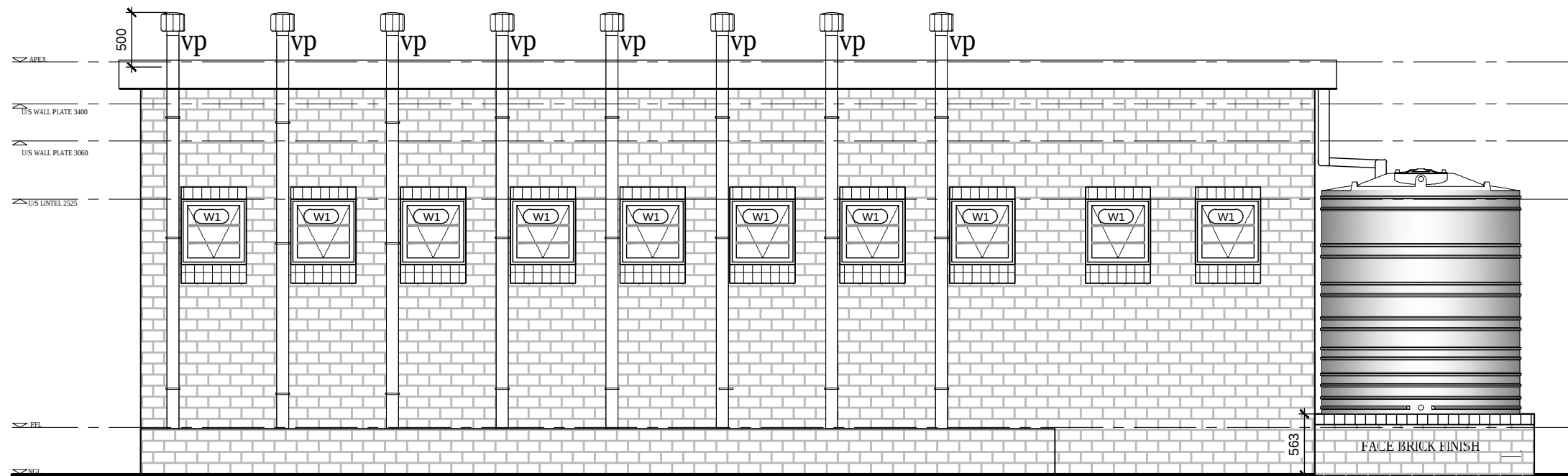
Drawn NJ	Checked MN	Designed MN
Scale AS SHOWN	Date APRIL 2021	
Project No EL085-2019	Dwg No 116	Rev 1



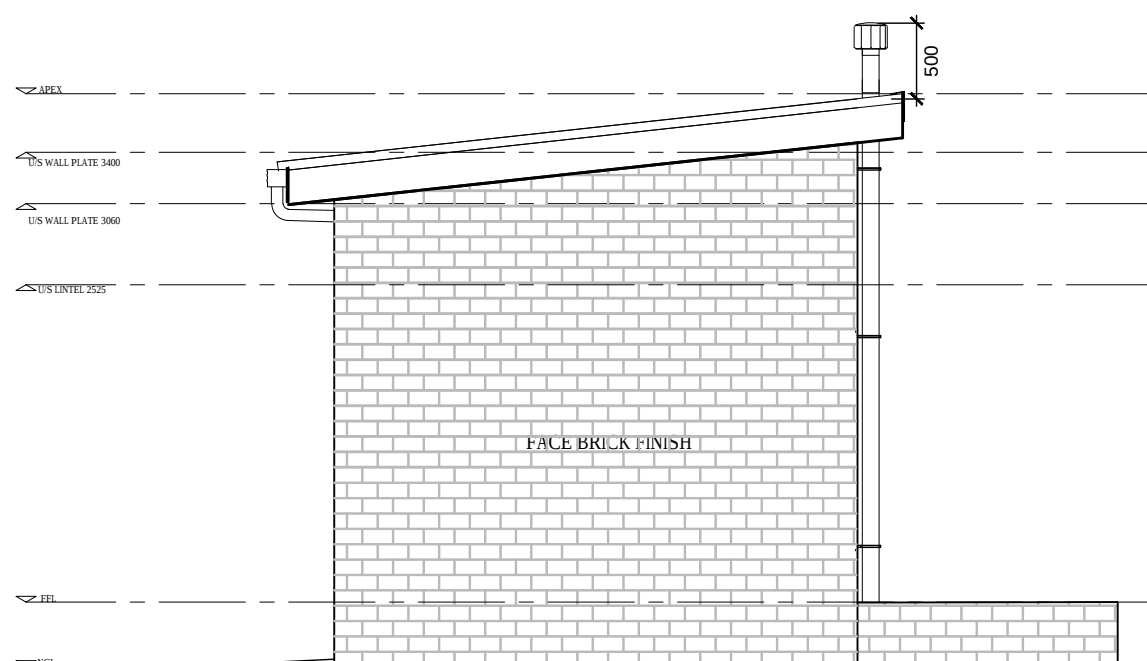
FRONT ELEVATION
SCALE 1:50



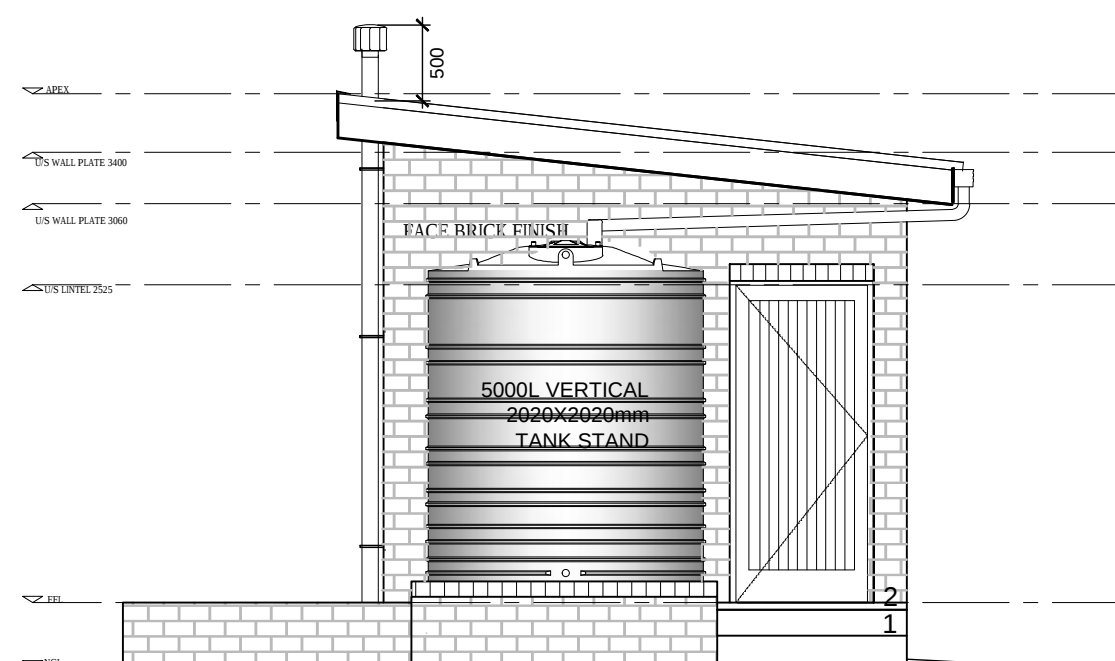
FLOOR PLAN
SCALE 1:50



REAR ELEVATION
SCALE 1:50



RIGHT ELEVATION
SCALE 1:50



LEFT ELEVATION
SCALE 1:50

NOTES

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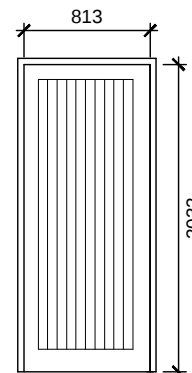
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GENERAL
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D1
DIMENSIONS TO BE CONFIRMED
ON SITE BEFORE
MANUFACTURING.



1:50 ELEVATION VIEWED
FROM OUTSIDE

DESCRIPTION.

2032 x 813 x 40mm flb&b single door with flush ply panel internally . 110 x 44mm siles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "V" jointed boards

FINISH.
Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour.

IRONMONGERY
1.5 PR. 100 x 75MM NYLON INSERT BRASS BUTT, AS HMP REF.H32R.

1 ONLY UNION 2277-78MMSS 3-LEVER SASH MORTICE LOCK.

1 SET UNION CZ682-24SC RADIUS LEVER FURNITURE.

1 ONLY DJW NO.1 CONCEALED FIXING BLACK PLASTIC DOOR STOP.

GLAZING

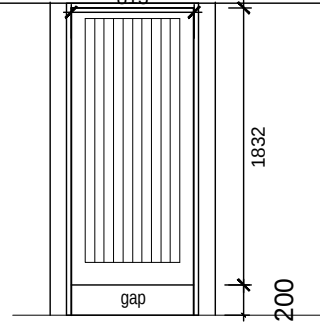
FRAME
108 x 70mm rebated meranti door frame with 13 x 13mm meranti scolia trim both sides.

FINISH.
Knot, stop and sand. Prime and apply one coat Universal Undercoat and 2 coats Plascon Super Eggshell Enamel. Clour.

NOTES

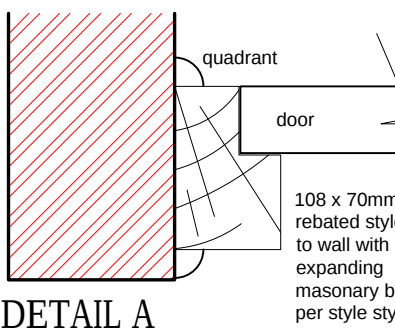
D4

DIMENSIONS TO BE CONFIRMED ON
SITE BEFORE MANUFACTURING.



1:50 ELEVATION VIEWED FROM OUTSIDE

TOILET



DETAIL A

DESCRIPTION.

1832 x 813 x 40mm purpose made Framed & Ledged single door with flush ply panel internally . 110 x 44mm siles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "V" jointed boards

FINISH.
Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour.

IRONMONGERY
1.5 Pair. 100 x 75mm Nylon insert brass butt, as HMP REF.H32R.

LOCKSET: 1 x UNION w/c indicator bolt satin Chrome - Code CZ80941SC.

1 ONLY DJW NO.1 concealed fixing black plastic door stop

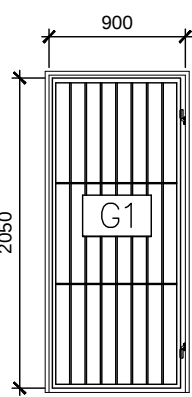
1 only Stainless Steel Hat and coat hook , code DHC-SS-030-A

FRAME
108 x 70mm rebated meranti frame, to be bolted to wall with expanding masonry bolts. 4 per style.

FINISH.
Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour.

NOTES

GATE 1



DESCRIPTION.

Hot dip galvanised mild steel gate consisting of 12mm diameter steel rods placed at 109 mm centers as per detail.

FINISH.

Hot dip galvanised

IRONMONGERY

Padlock as per detail.

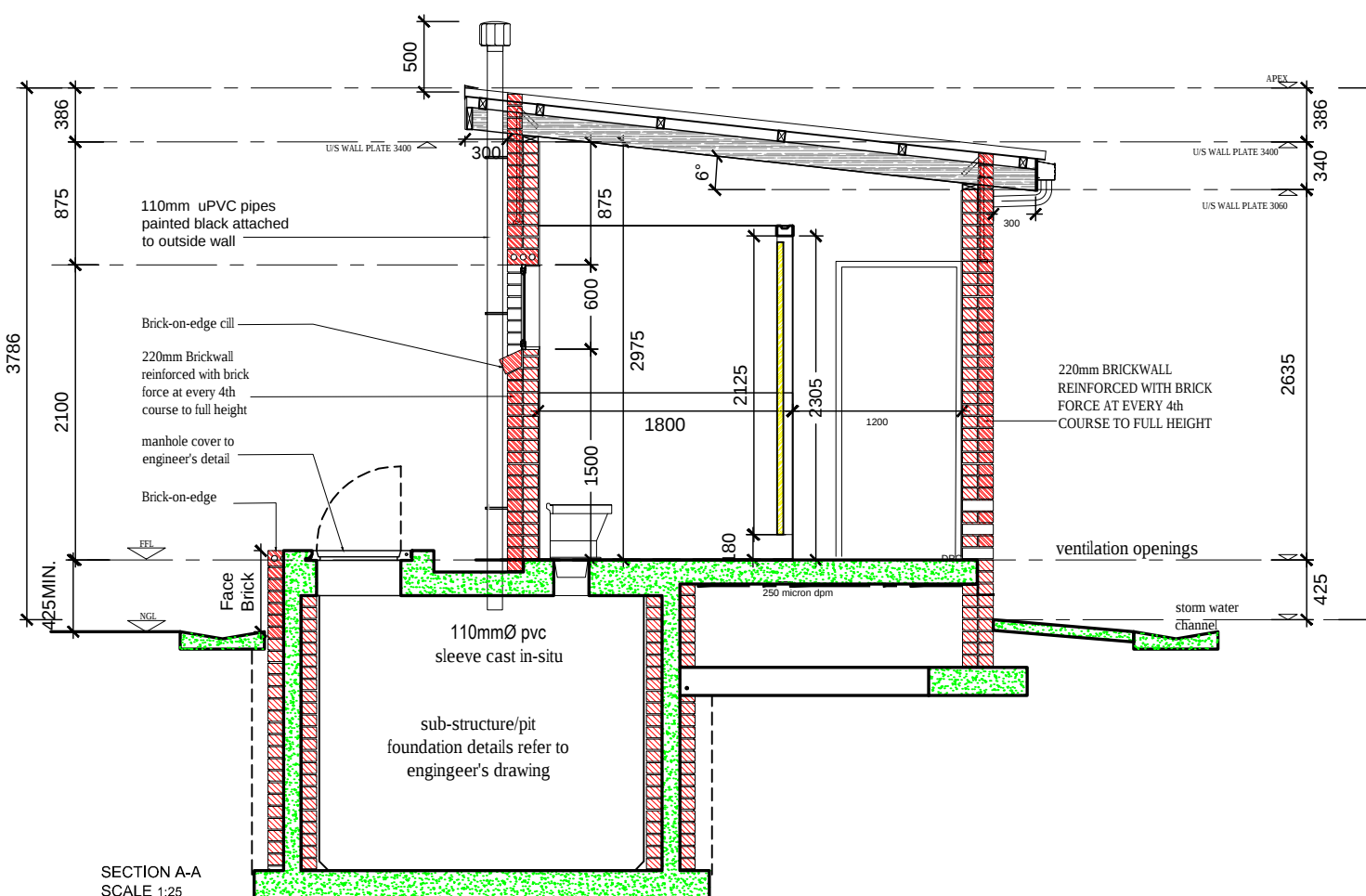
FRAME

25 x 25 x 2mm mild steel square tube welded to form frame.

FINISH

Hot dip galvanised

NOTES



SECTION A-A
SCALE 1:25

GENERAL NOTES :

REV.	DATE	DETAILS	Chd	Appd



PROJECT
SAFE PROGRAMME:
CONSTRUCTION OF ABLUTION
BLOCKS IN VARIOUS SCHOOLS
IN THE EASTERN CAPE

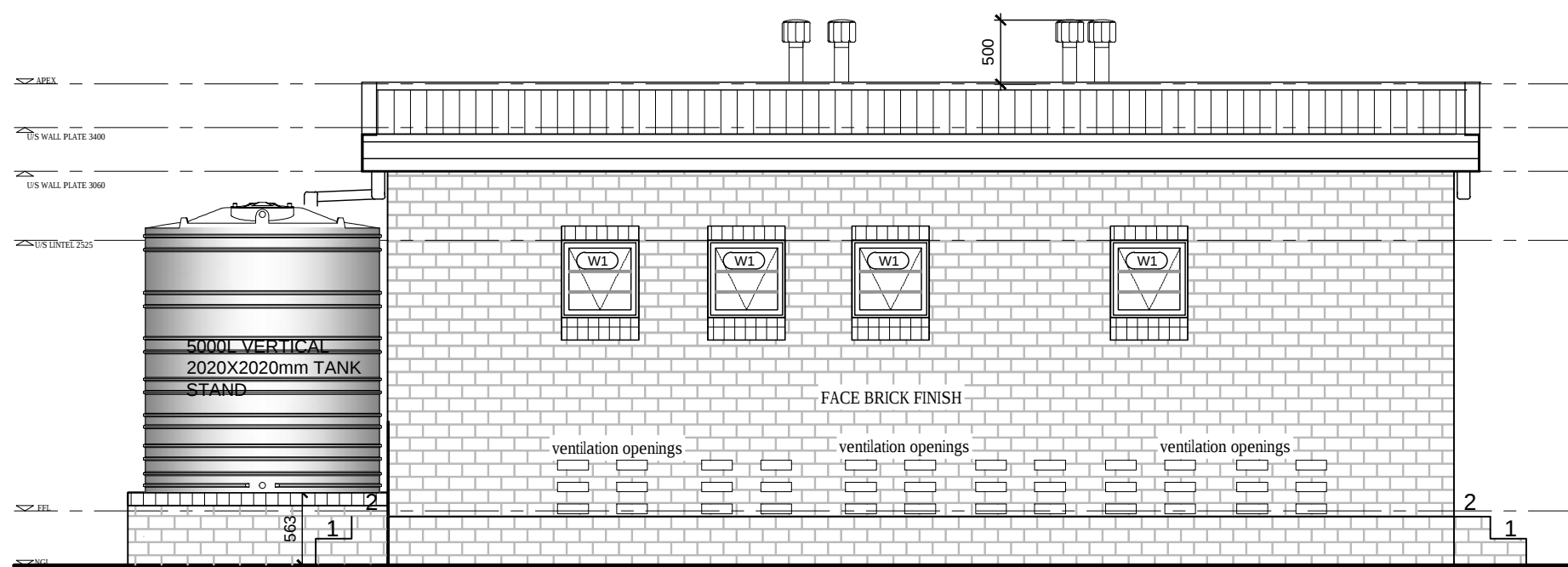
DESCRIPTION
DWG 17 - FEMALE
FLOOR PLAN, SECTIONS &
ELEVATIONS

Drawn NJ	Checked MN	Designed MN
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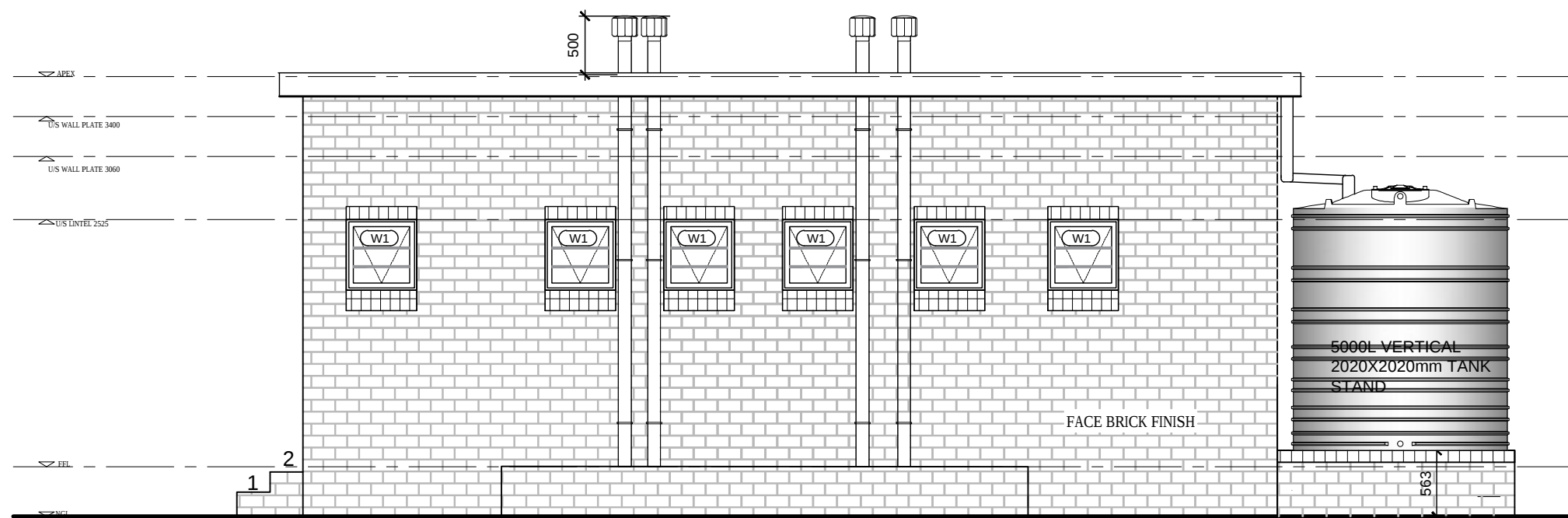
Scale AS SHOWN	Date APRIL 2021
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Project No EL085-2019	Dwg. No 117	Rev 1
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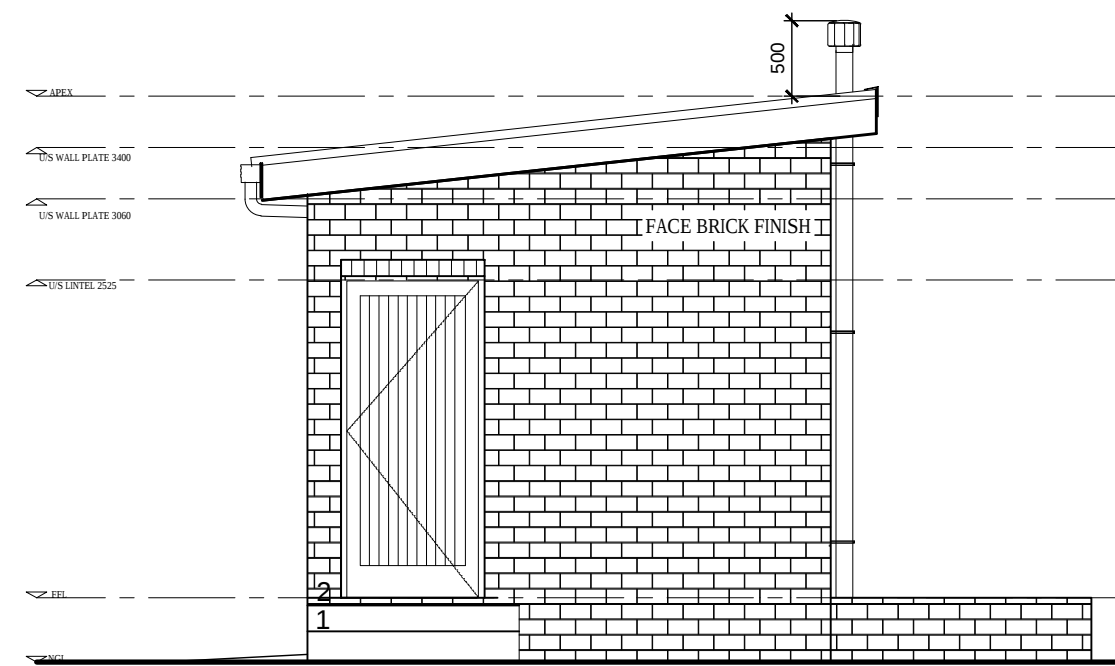
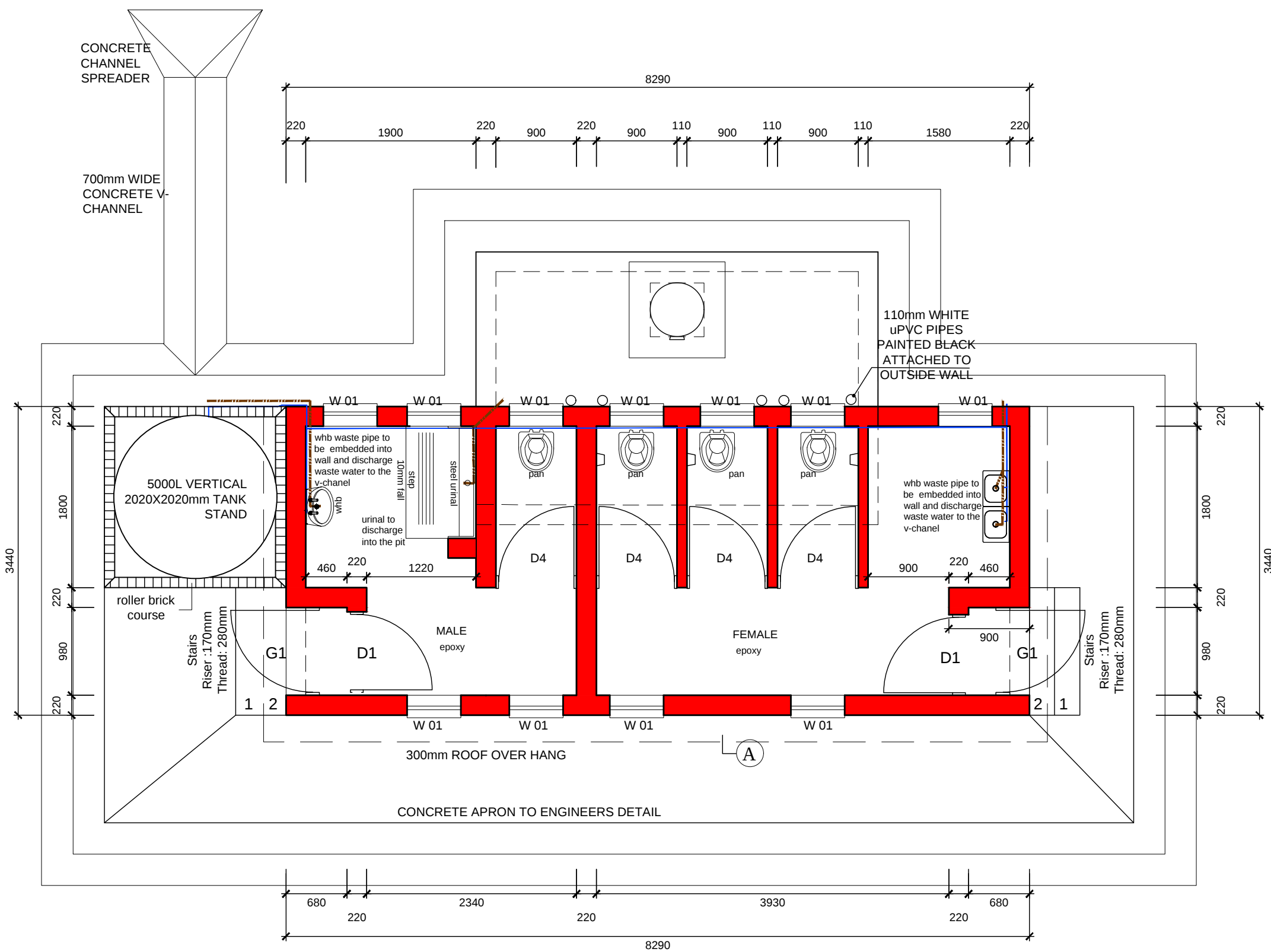
GENERAL NOTES :



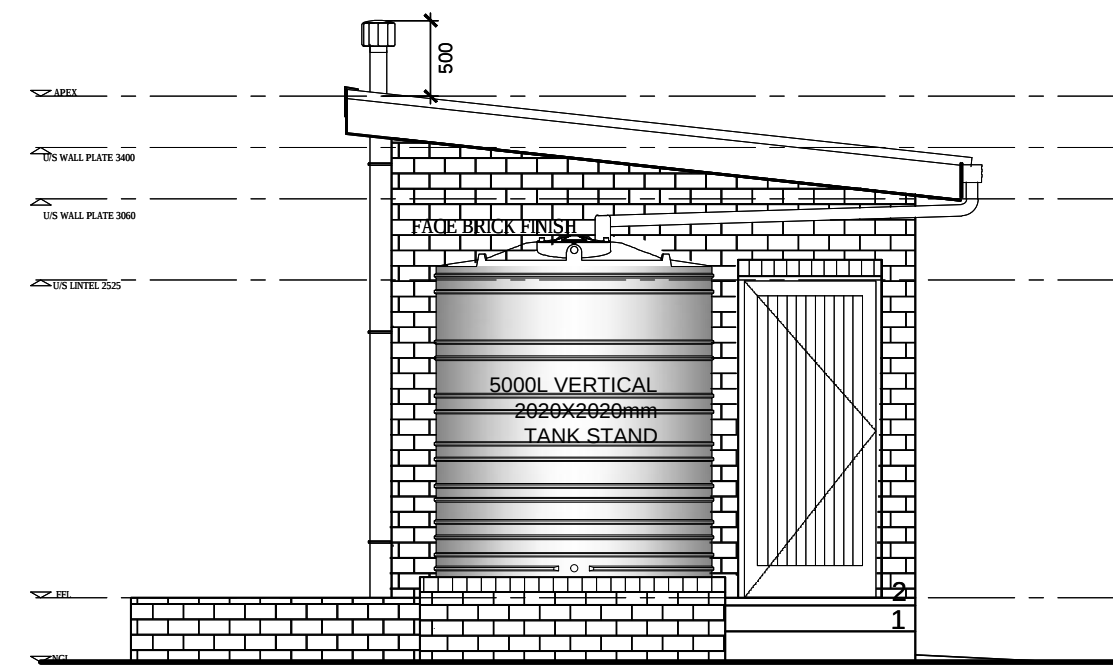
FRONT ELEVATION
SCALE 1:50



REAR ELEVATION
SCALE 1:50



RIGHT ELEVATION
SCALE 1:50



LEFT ELEVATION
SCALE 1:50

ROOF
0.58mm thick IBR 890 metal roof sheeting with Chromadek Z275 protective coating @ 6°, positive fixed on 76x50mm S5 treated timber purlins @ 975mm c/c fixed to 152x38mm thick S5 timber rafters @ 1150mm c/c spacings, on 114x38mm S.A. pine timber wallplates in long lengths, half lapped & spiked at joints with gangnail plates, bedded on cement mortar & leveled before tying down to walls with 1.6 mm thick galvanised hoop iron, 32mm wide into min. of 6 courses into 220mm brickwall & tied around rafter and fixed with four galvanised nails, 40 mm long.
NOTE: Roof construction to be done by a competent person.
On-site the roof must be placed on evenly laid pallets, covered & protected against weather. Hurricane Clips fixed with permix nails or bolts through pre-drilled holes at covered verandah tank stand area must be provided for.

CARBOLINEUM WOOD PRESERVER
All exposed structural timber is to receive two coats carbolineum. Timber must be dry and carbolineum applied to the entire roof trusses before the application of roof sheets.

RIDGE
Mono pitched galvanised metal ridge capping with 225mm lapping secured onto the roof, final colour to match roof sheet covering.

GUTTER / DOWNPIPE
125mm half round PVC gutter including gutter brackets at 1m centres with 75mm rainwater PVC fluted downpipes to 2500L vertical RWHT.

VENT PIPE
110mm white uPVC pipes painted black fixed firmly to outside wall with adequate brackets @ max. of 500mm. Vent Pipes at to be 500mm from highest point of roof and fitted with black PVC whirlybird vent capping inserted on 110mm diameter pvc sleeve cast in-situ

NOTES

FASCIA
medium density plain ungrooved fascia boards, size 225 x 12mm thick, fixed to 114 x 38mm support battens/based between steel structure. Screwed with 12 x 40mm countersunk brass screws at 900mm centres to support battens with aluminium H-profile fascia joiner between boards and aluminium H-profile fascia corner joiners at board ends.

BARGE BOARD
Pecast concrete cill on edge with 375 micron brickrip dpc underneath the cill

EXTERNAL CILLS
Damp proof coursing: to be gunplas black brickrip or equal and approved 375 micron dpc, lapped minimum 150mm at all joints, and similarly lapped over green under-floor damp proof membrane.

WALLS
DPC's at door reveals (in cavity construction): minimum 150mm wide, to be tucked into side of door and window frames and sandwiched in mortar between outer, facebrick skin and cavity closer and to overlap lintel and cill DPC's.

DPC's at lintols: to be inserted above all windows, stepped up one course and built into inner skin coursing with mortar fill under all as detailed.

External / load bearing walls: to have galvanised brickforce reinforcing at 4 course intervals to full height.
N.B. Brickforce reinforcing strips to be built in isolation into the appropriate brick skin and must not be used to tie the inner and outer skins of the cavity together.

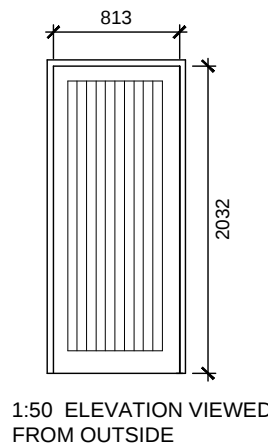
External brickwork generally: 85mm brick gauge with maximum 10mm deep tooled, half-round horizontal and vertical joints all laid in compo mortar comprising 1 part cement: 14 part cape line company plastic, pressure hydrated lime: 6 parts sand with open perpend forming weepholes as specified.

Internal brickwork generally: to be laid in compo mortar comprising 1 part cement: 1 part cape line company plastic, pressure hydrated lime: 6 parts sand. Internal walls to be smooth plaster finished with 1 coat white filler coat and then 2 coats super acrylic PVA.

FLOORS
Structural floor topping with smooth steel float finish on 95mm thick concrete surface bed on 250 micron Gunplas USB green waterproof membrane on well compacted clay free earth fill.

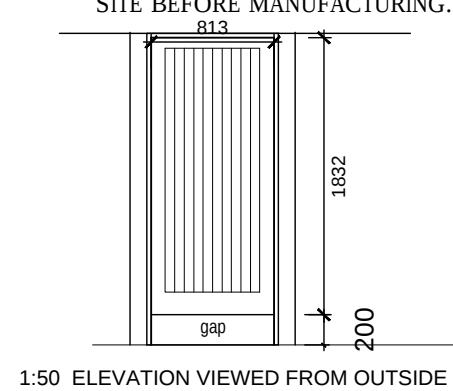
GENERAL
Black rubber door stop, 32mm, plugged and screwed to wall.

D1	DESCRIPTION.
DIMENSIONS TO BE CONFIRMED ON SITE BEFORE MANUFACTURING.	2032 x 813 x 40mm fib&b single door with flush ply panel internally . 110 x 44mm siles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "v" jointed boards
	FINISH. Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:
	IRONMONGERY 1.5 PR. 100 X 75MM NYLON INSERT BRASS BUTT, AS HMP REF.H32R. 1 ONLY UNION 2277-78MMSS 3-LEVER SASH MORTICE LOCK. 1 SET UNION C2682-24SC RADIUS LEVER FURNITURE. 1 ONLY DJW NO.1 CONCEALED FIXING BLACK PLASTIC DOOR STOP.
	GLAZING
	FRAME 108 x 70mm rebated meranti door frame with 13 x 13mm meranti scolia trim both sides.
	FINISH. Knot, stop and sand. Prime and apply one coat Universal Undercoat and 2 coats Plascon Super Eggshell Enamel. Clour:
	NOTES.

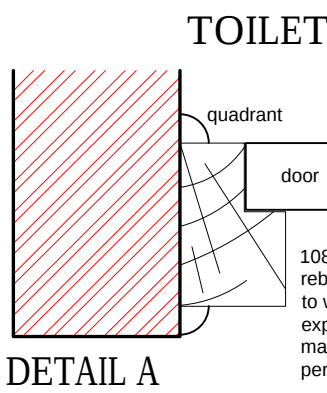


1:50 ELEVATION VIEWED FROM OUTSIDE

D4	DESCRIPTION.
DIMENSIONS TO BE CONFIRMED ON SITE BEFORE MANUFACTURING.	1832 x 813 x 40mm purpose made Framed & Ledged single door with flush ply panel internally . 110 x 44mm siles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "v" jointed boards
	FINISH. Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:
	IRONMONGERY 1.5 Pair. 100 x 75mm Nylon insert brass butt, as HMP REF.H32R. LOCKSET: 1 x UNION w/c indicator bolt satin Chrome - Code C2809415SC. 1 ONLY DJW NO.1 concealed fixing black plastic door stop. 1 only Stainless Steel Hat and coat hook , code DHC-SS-030-A
	FRAME 108 x 70mm rebated meranti frame, to be bolted to wall with expanding masonry bolts. 4 per style.
	FINISH. Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:
	NOTES.

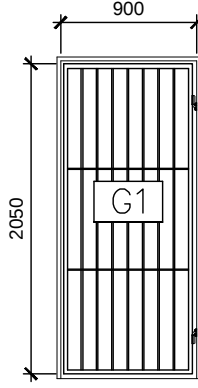


1:50 ELEVATION VIEWED FROM OUTSIDE

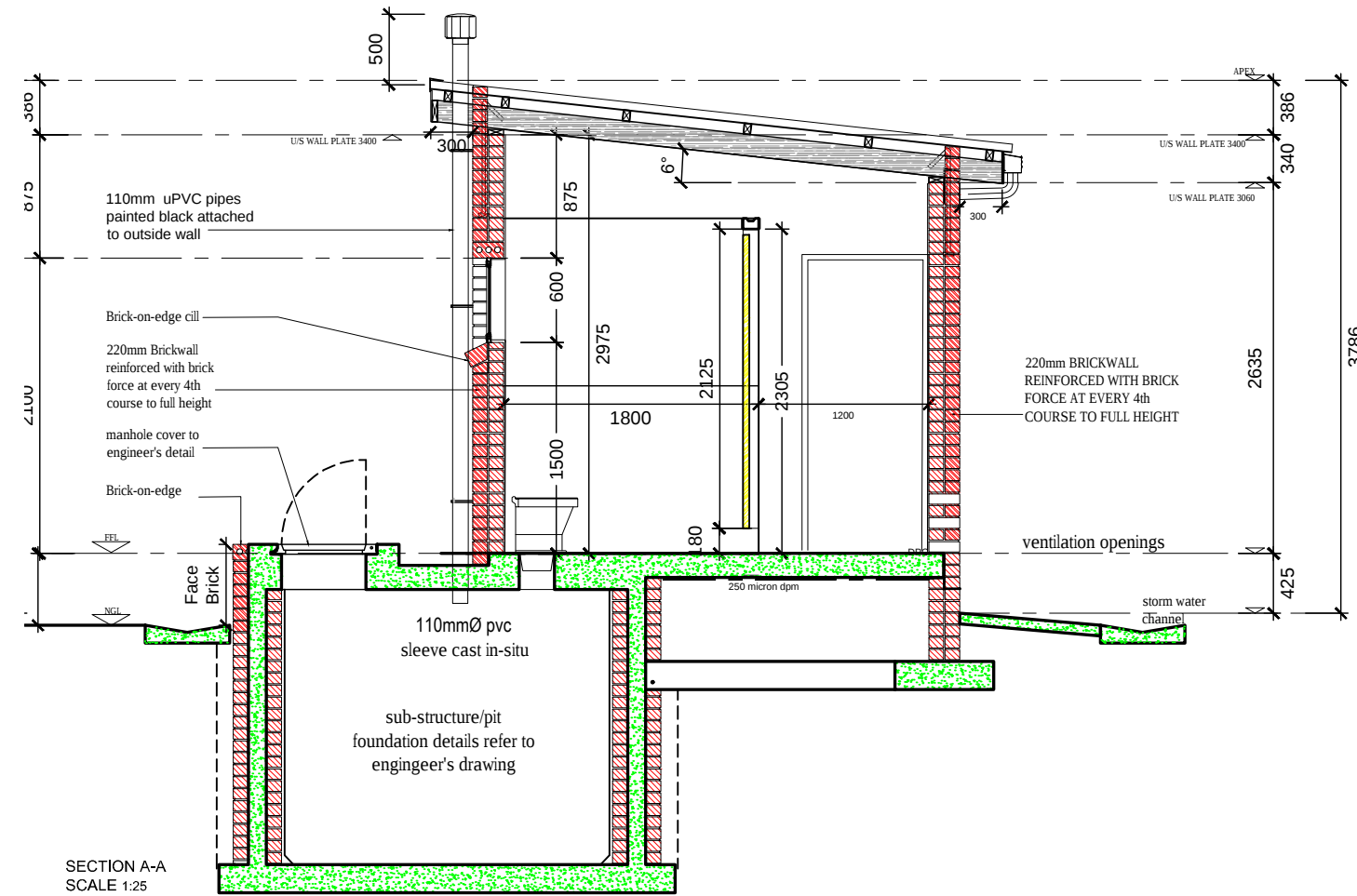


DETAIL A

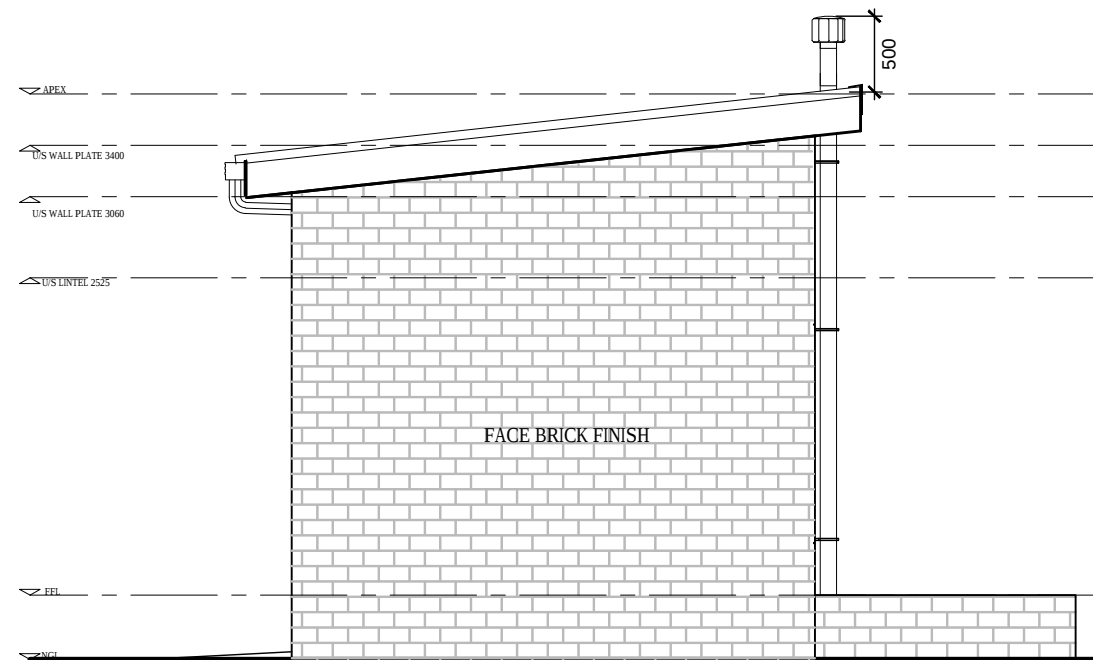
GATE 1	DESCRIPTION.
	Hot dip galvanised mild steel gate consisting of 12mm diameter steel rods placed at 109 mm centers as per detail.
	FINISH. Hot dip galvanised
	IRONMONGERY Padlock as per detail.
	FRAME 25 x 25 x 2mm mild steel square tube welded to form frame.
	FINISH. Hot dip galvanised
	NOTES.



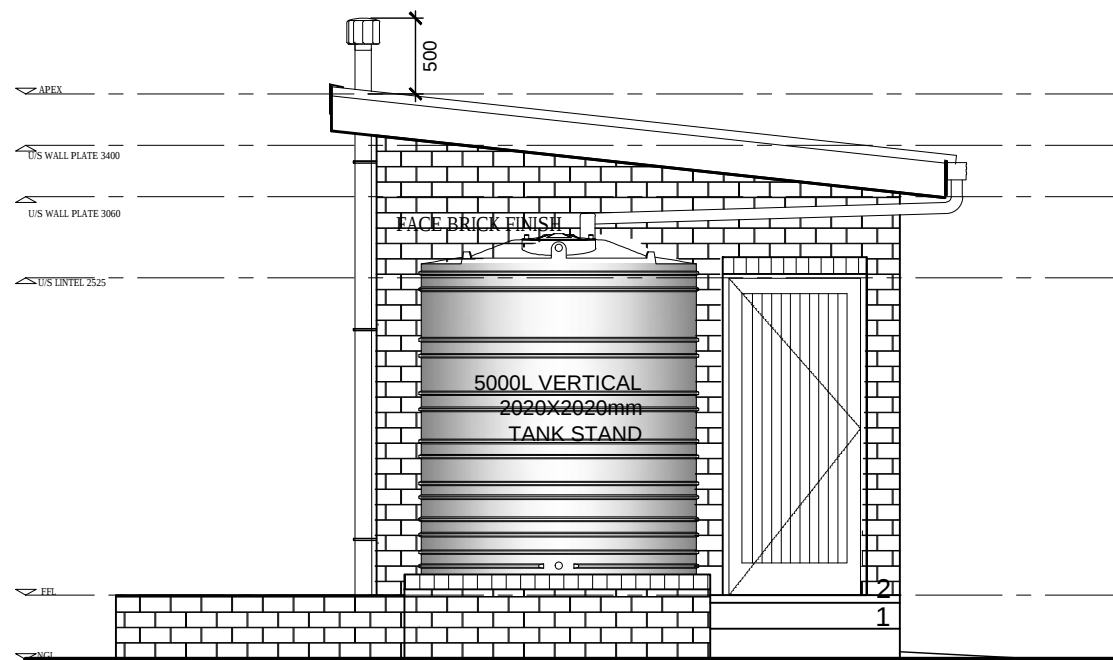
1:50 ELEVATION VIEWED FROM OUTSIDE



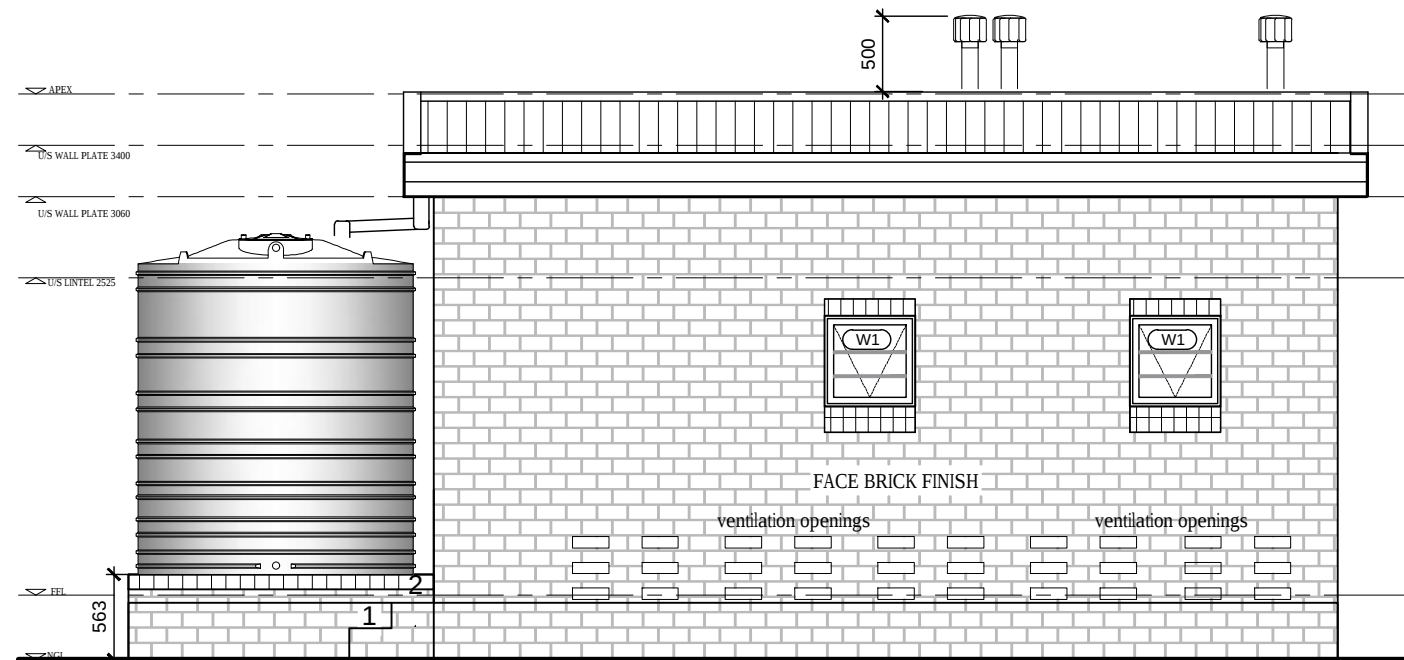
SECTION A-A
SCALE 1:25



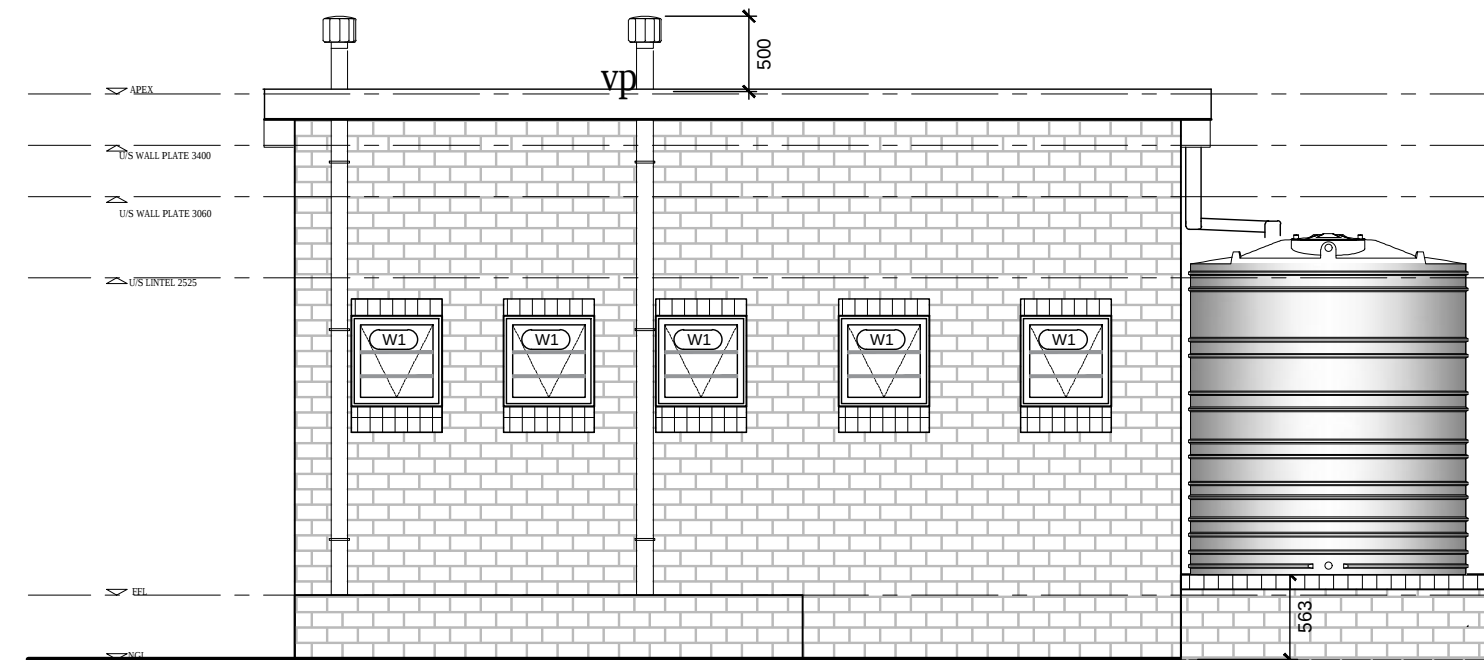
RIGHT ELEVATION
SCALE 1:50



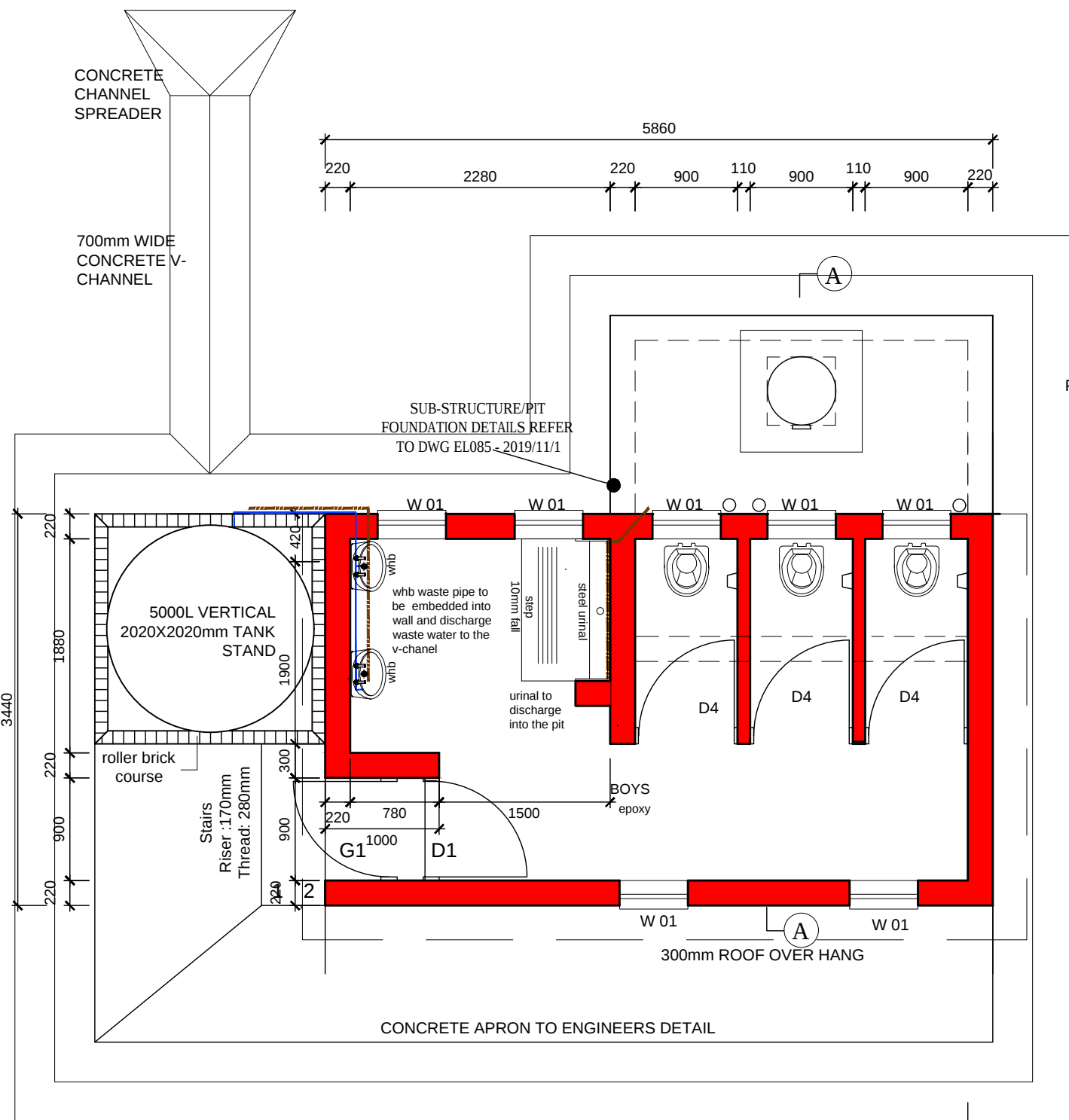
LEFT ELEVATION
SCALE 1:50



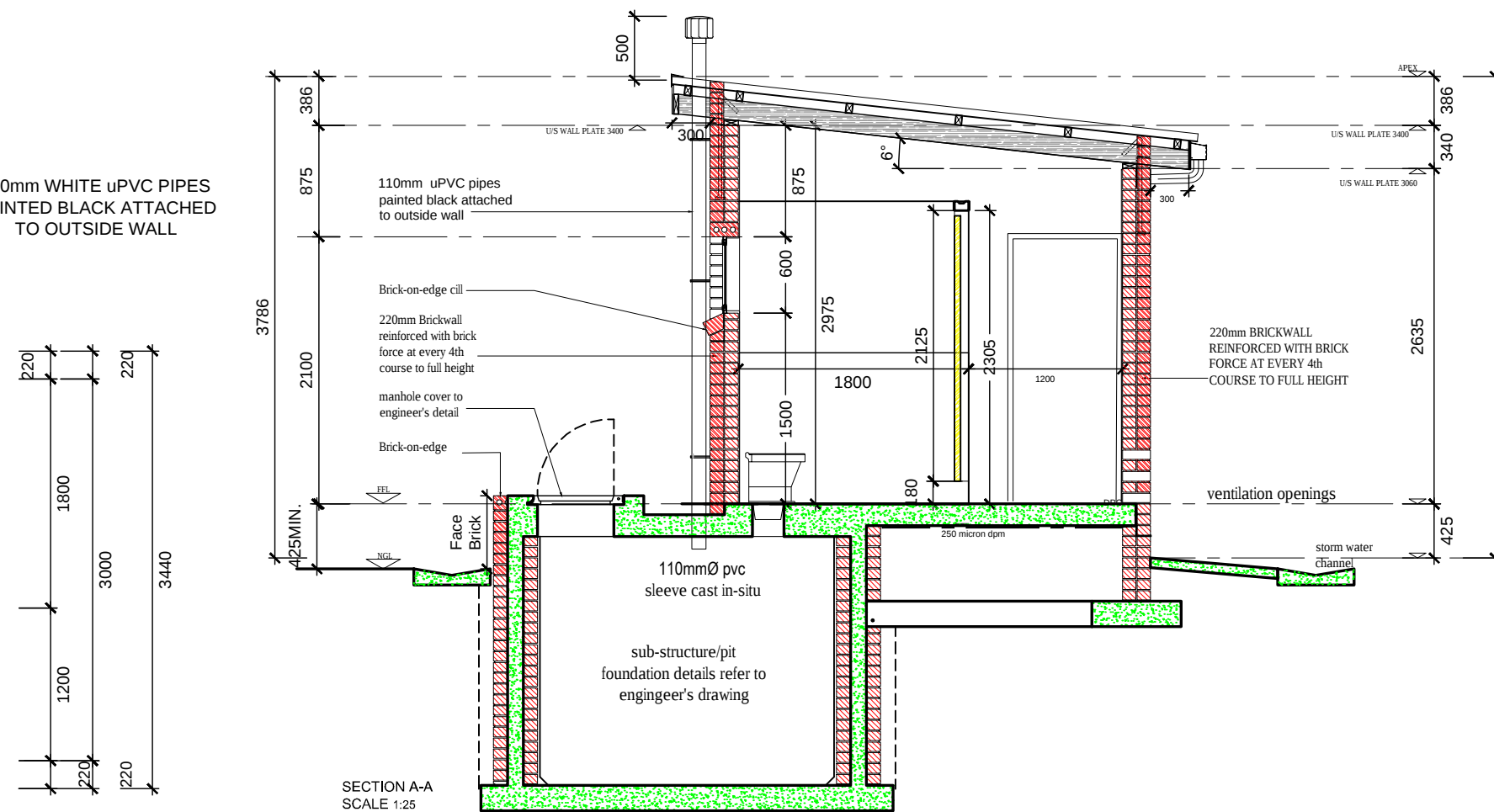
FRONT ELEVATION
SCALE 1:50



REAR ELEVATION
SCALE 1:50



FLOOR PLAN
SCALE 1:50



110mm WHITE uPVC PIPES
PAINTED BLACK ATTACHED
TO OUTSIDE WALL

ROOF
0.58mm thick IBR 690 metal roof sheeting with Chromadek Z275 protective coating @ 6° positive fixed on 76x50mm S5 treated timber purline @ 975mm c/c fixed to 152x38mm thick S5 timber rafters @ 1150mm c/c spacings, on 114x38mm S.A. pine timber wallplates in long lengths, half lapped & spiked at joints with gangnail plates, bedded on cement mortar & leveled before being down to walls with 1.6 mm thick galvanised hoop iron, 32mm wide into min. of 6 courses into 220mm brickwall & tied around rafter and fixed with four galvanised nails, 40 mm long.
NOTE: Roof construction to be done by a competent person.
On-site the roof must be placed on evenly laid pallets, covered & protected against weather. Hurricane Clips fixed with permix nails or bolts through pre-drilled holes at covered verandah/ tank stand area must be provided for.

CARBOLINEUM WOOD PRESERVER
All exposed structural timber is to receive two coats carbolineum. Timber must be dry and carbolineum applied to the entire roof trusses before the application of roof sheets.

RIDGE
Mono pitched galvanised metal ridge capping with 225mm lapping secured onto the roof, final colour to match roof sheet covering.

GUTTER / DOWNPIPE
125mm half round PVC gutter including gutter brackets at 1m centres with 75mm rainwater PVC fluted downpipes to 2500L vertical RWHT.

VENT PIPE
110mm white uPVC pipes painted black fixed firmly to outside wall with adequate brackets @ max. of 500mm. Vent Pipes at to be 500mm from highest point of roof and fitted with black PVC whirlipond vent capping inserted on 110mm diameter pvc sleeve cast in-situ

NOTES

FASCIA
medium density plain ungrooved fascia boards, size 225 x 12mm thick, fixed to 114 x 38mm support battens fixed between steel structure. Screws with 12 x 40mm countersunk brass screws at 900mm centres to support battens with aluminium H-profile fascia joiner between boards and aluminium H-profile fascia corner joiners at board ends.

BARGE BOARD
85 x 275 x 6mm Barge board drilled and brass screwed to purlin ends including galvanised steel H-profile jointing strips, screws, holes etc.

EXTERNAL CILLS
Precast concrete cill on edge with 375 micron brickgrip dpc underneath the cill

WALLS
Damp proof coursing: to be gunplas black brickgrip or equal and approved 375 micron dpc, lapped minimum 150mm at all joints, and similarly lapped over green under-door damp proof membrane.

DPCS at door reveals (in cavity construction): minimum 150mm wide, to be tucked into side of door and window frames and sandwiched in mortar between outer, facebrick skin and cavity closer and to overlap lintel and cill DPCS.

DPCS at lintels: to be inserted above all windows, stepped up one course and built into inner skin coursing with mortar fill under all as detailed.

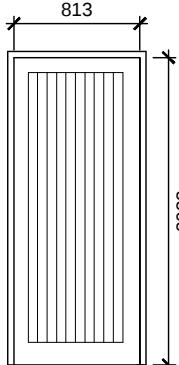
External / load bearing walls: to have galvanised brickforce reinforcing at 4 course intervals to full height.
N.B. Brickforce reinforcing strips to be built in isolation into the appropriate brick skin and must not be used to tie the inner and outer skins of the cavity together.

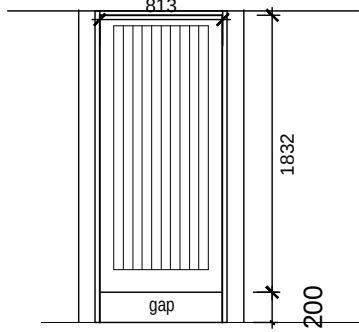
External brickwork generally: 85mm brick gauge with maximum 10mm deep tooled, half-round horizontal and vertical joints all laid in compo mortar comprising 1 part cement: 1/4 part cape lime company plastic, pressure hydrated lime: 6 parts sand with open perpend forming weepholes as specified.

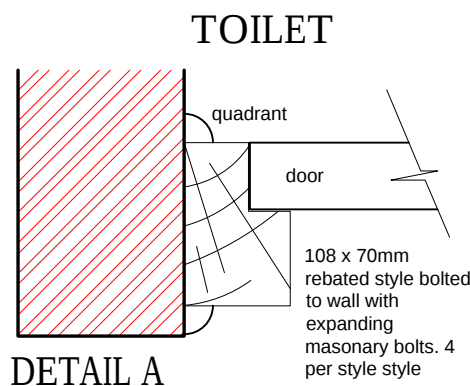
Internal brickwork generally: to be laid in compo mortar comprising 1 part cement: 1 part cape lime company plastic, pressure hydrated lime: 6 parts sand. Internal walls to be smooth plaster finished with 1 coat white filler coat and then 2 coats super acrylic PVA.

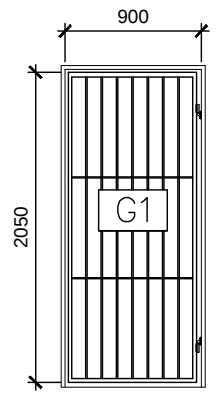
FLOORS
Structural floor topping with smooth steel float finish on 85mm thick concrete surface bed on 250 micron Gunplas USB green waterproof membrane on well compacted clay free earth fill.

GENERAL
Black rubber door stop, 32mm, plugged and screwed to wall.

D1 DIMENSIONS TO BE CONFIRMED ON SITE BEFORE MANUFACTURING.		DESCRIPTION. 2032 x 813 x 40mm flt&b single door with flush ply panel internally . 110 x 44mm stiles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "V" jointed boards
		FINISH. Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Colour:
		IRONMONGERY 1.5 PR. 100 X 75MM NYLON INSERT BRASS BUTT, AS HMP REF-H32R. 1 ONLY UNION 2277-78MMSS 3-LEVER SASH MORTICE LOCK. 1 SET UNION C2682-24SC RADIUS LEVER FURNITURE. 1 ONLY DJW NO.1 CONCEALED FIXING BLACK PLASTIC DOOR STOP.

D4 DIMENSIONS TO BE CONFIRMED ON SITE BEFORE MANUFACTURING.  1:50 ELEVATION VIEWED FROM OUTSIDE	DESCRIPTION. 1832 x 813 x 40mm purpose made Framed & Ledged single door with flush ply panel internally . 110 x 44mm stiles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "V" jointed boards
	FINISH. Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Colour:
	IRONMONGERY 1.5 Pair. 100 x 75mm Nylon insert brass butt, as HMP REF-H32R. LOCKSET: 1 x UNION w/c indicator bolt satin Chrome - Code C280941SC. 1 ONLY DJW NO.1 concealed fixing black plastic door stop. 1 only Stainless Steel Hat and coat hook , code DHC-SS-030-A
	FRAME 108 x 70mm rebated meranti frame, to be bolted to wall with expanding masonry bolts. 4 per style.
	FINISH. Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Colour:
NOTES:	



GATE 1		DESCRIPTION. Hot dip galvanised mild steel gate consisting of 12mm diameter steel rods placed at 109 mm centers as per detail.
		FINISH. Hot dip galvanised
		IRONMONGERY Padlock as per detail.
		FRAME 25 x 25 x 2mm mild steel square tube welded to form frame.
		FINISH. Hot dip galvanised
		NOTES.

GENERAL NOTES :

REV.	DATE	DETAILS	Chd	Appd
		REVISIONS		

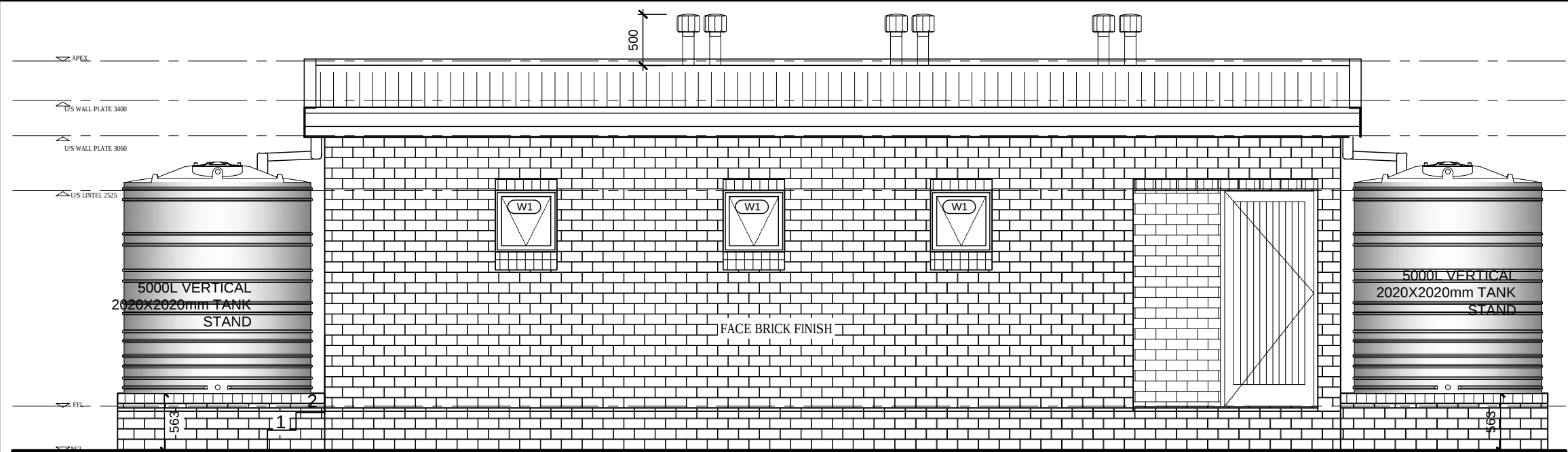
IMPLEMENTING AGENT	
	

	
Sanitation Appropriate For Education (SAFE) Initiative	

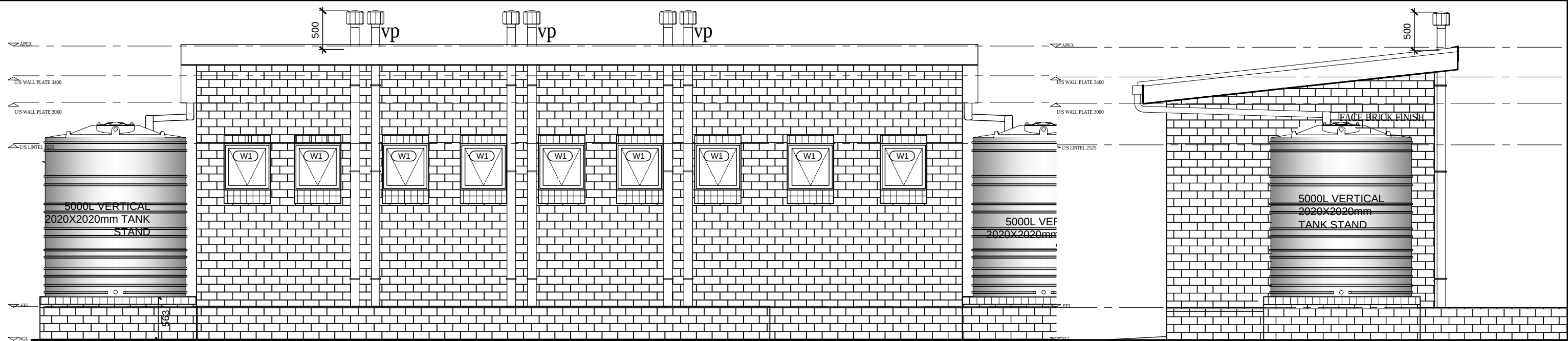
PROJECT	
SAFE PROGRAMME: CONSTRUCTION OF ABLUTION BLOCKS IN VARIOUS SCHOOLS IN THE EASTERN CAPE	

DESCRIPTION	
DWG 19 -MALE FLOOR PLAN, SECTIONS & ELEVATIONS	

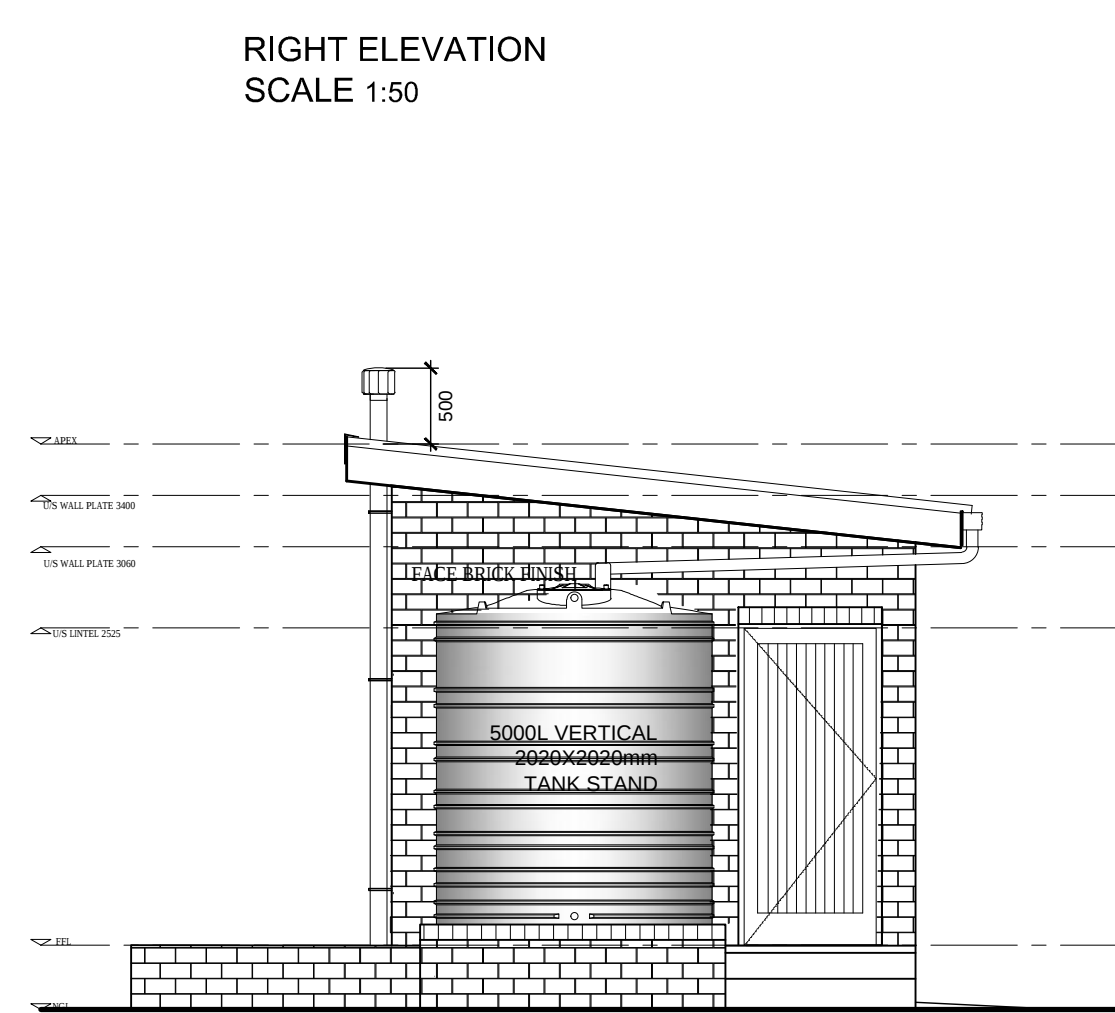
Drawn NJ	Checked MN	Designed MN
Scale AS SHOWN		Date APRIL 2021
Project No EL085-2019	Dwg. No 119	Rev 1



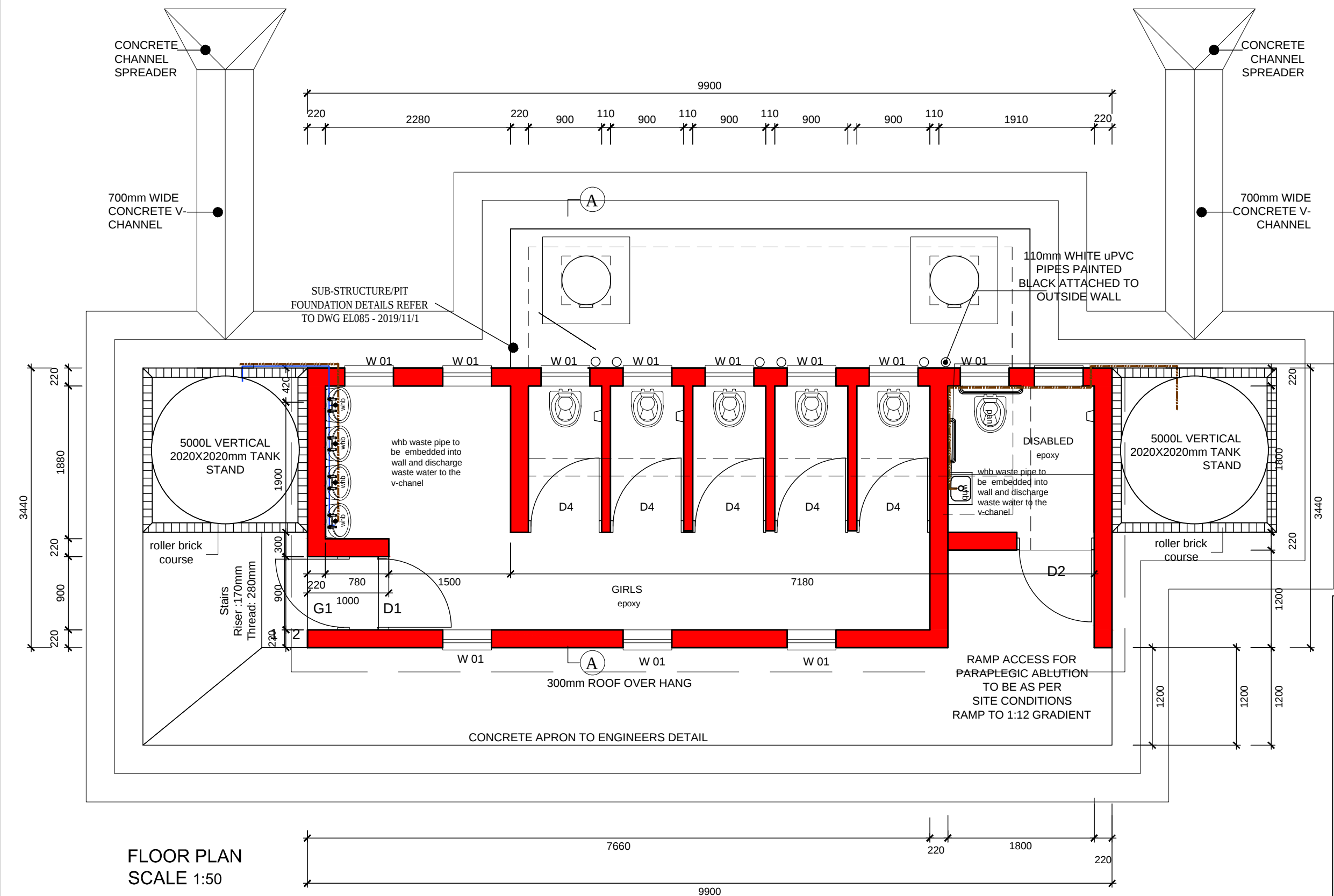
FRONT ELEVATION
SCALE 1:50



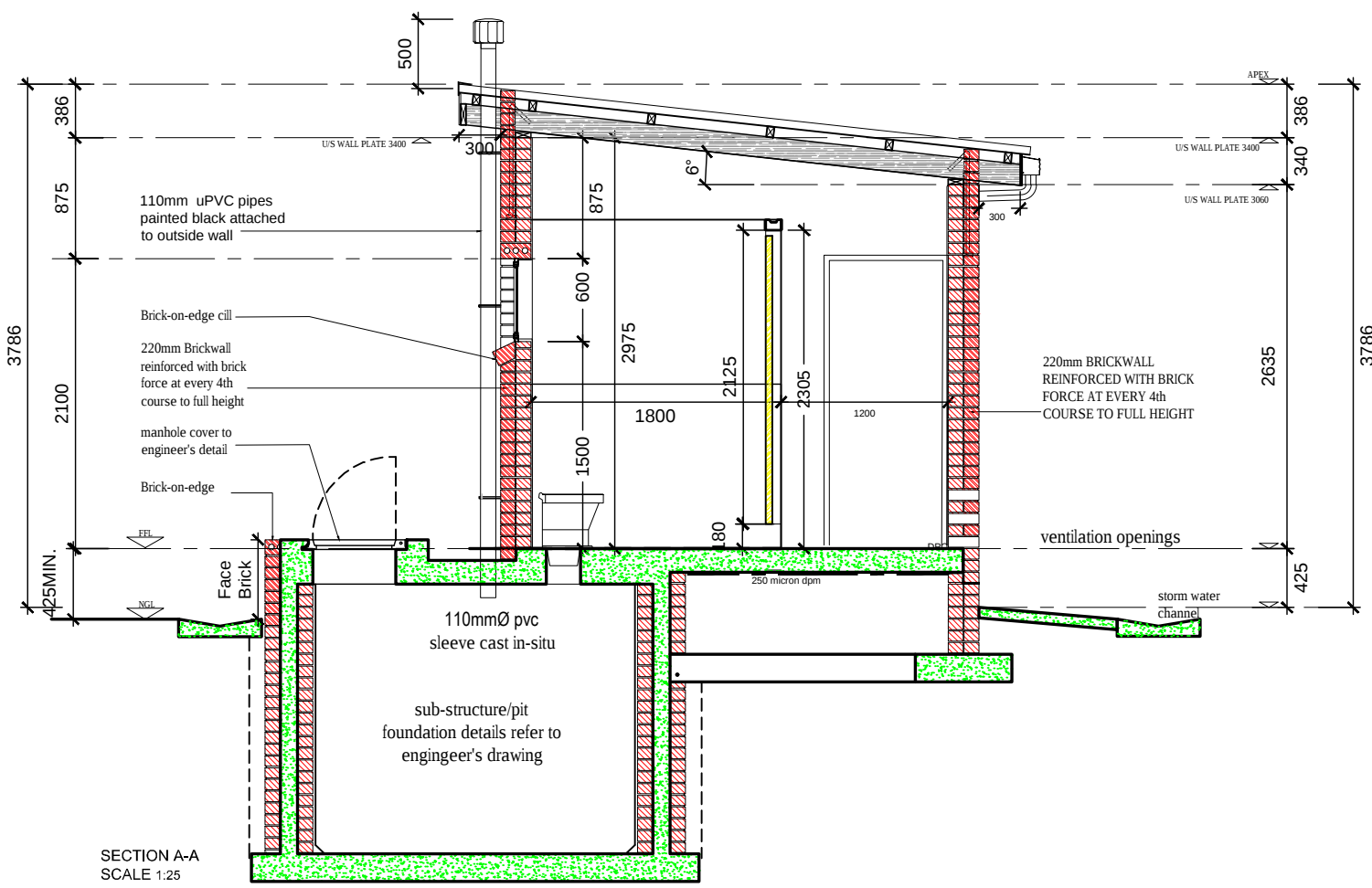
REAR ELEVATION
SCALE 1:50



RIGHT ELEVATION
SCALE 1:50

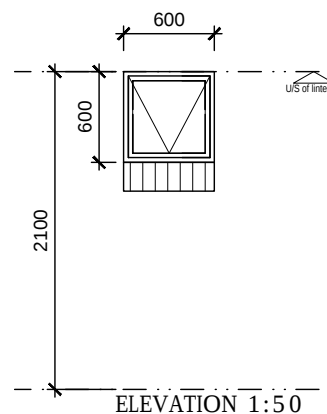


FLOOR PLAN
SCALE 1:50



SECTION A-A
SCALE 1:25

WINDOW 1



ELEVATION 1:50

DESCRIPTION.
600 x 600mm top hug aluminium window, the aluminium sections shall be fabricated as per AAAMSA regulation.

FINISH.
Anodised finish.

GLAZING.
6.38mm obscure safety glass

CILL.
Interior cills:
15 x 150mm Fibrecement cill fixed with fibre cement standard galvanised lugs screwed to underside of cill and cast into mortar bed in compliance with manufactures specification. Cills to have top arms and corners sanded down to produce an even chamfer. Prepare, stop to receive one undercoat and two coats eggshell enamel.

External cill: to be Soldier course flushing with the face of brickwork.

NOTES
• Glazing shall be executed strictly in conformance with glass manufacturer's recommendations and all in accordance with the National Building Regulations Parts B, N, T, SANS 10137, SANS 10400 and SANS 1263.
• All safety glass and glazing materials (individual panes) shall be permanently marked in such a way that such marking will be visible after installation of glazing.

NOTES

ROOF
0.58mm thick IBR 890 metal roof sheeting with Chromadek Z275 protective coating @ 6° positive fixed on 78x50mm SS treated timber purlins @ 975mm c/c fixed to 152x38mm thick SS timber rafters @ 1150mm c/c spacings, on 114x38mm S.A. pine timber wallplates in long lengths, half lapped & spiked at joints with gannail plates, bedded on cement mortar & leveled before being down to walls with 1.6 mm thick galvanised hoop iron, 32mm wide into min. of 6 courses into 220mm brickwall & tied around rafter and fixed with four galvanised nails, 40 mm long.

NOTE: Roof construction to be done by a competent person.
On-site the roof must be placed on evenly laid pallets, covered & protected against weather. Hurricane Clips fixed with permix nails or bolts through pre-drilled holes at covered verandah/ tank stand area must be provided for.

CARBOLINEUM WOOD PRESERVER
All exposed structural timber is to receive two coats carbolineum. Timber must be dry and carbolineum applied to the entire roof trusses before the application of roof sheets.

RIDGE
Mono pitched galvanised metal ridge capping with 225mm lapping secured onto the roof, final colour to match roof sheet covering.

GUTTER / DOWNPIPE
125mm half round PVC gutter including gutter brackets at 1m centres with 75mm rainwater PVC fluted downpipes to 2500L vertical RWHT.

VENT PIPE
110mm white uPVC pipes painted black fixed firmly to outside wall with adequate brackets @ max. of 500mm. Vent Pipes at to be 500mm from highest point of roof and fitted with black PVC whirlybird vent capping inserted on 110mm diameter pvc sleeve cast in-situ

FASCIA
medium density plain ungrooved fascia boards, size 225 x 12mm thick, fixed to 114 x 38mm support battens fixed between steel structure. Screwed with 12 x 40mm countersunk brass screws at 900mm centres to support battens. with aluminium H-profile fascia jointer between boards and aluminium H-profile fascia corner joints at board ends.

BARGE BOARD
85 x 275 x 6mm Barge board drilled and brass screwed to putin ends including galvanised steel H-profile joining strips, screws, holes etc.

EXTERNAL CILLS
Precast concrete cill on edge with 375 micron brickgrip dpc underneath the cill

WALLS
Damp proof coursing: to be gunplas black brickgrip or equal and approved 375 micron dpc, lapped minimum 150mm at all joints, and similarly lapped over green under-door damp proof membrane.

DPCS at door reveals (in cavity construction): minimum 150mm wide, to be tucked into side of door and window frames and sandwiched in mortar between outer, facebrick skin and cavity closer and to overlap lintel and cill DPCS.

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External / load bearing walls: to have galvanised brickforce reinforcing at 4 course intervals to full height.

N.B. Brickforce reinforcing strips to be built in isolation into the appropriate brick skin and must not be used to tie the inner and outer skins of the cavity together.

External brickwork generally: 85mm brick gauge with maximum 10mm deep tooled, half-round horizontal and vertical joints all laid in compe mortar comprising 1 part cement: 1/4 part cape line company plastic, pressure hydrated lime: 6 parts sand with open perpend forming weepholes as specified.

Internal brickwork generally: to be laid in compe mortar comprising 1 part cement: 1 part cape line company plastic, pressure hydrated lime: 6 parts sand. Internal walls to be smooth plaster finished with 1 coat white filler coat and then 2 coats super acrylic PVA.

FLOORS
Structural floor topping with smooth steel float finish on 85mm thick concrete surface bed on 250 micron Gunplas USB green waterproof membrane on well compacted clay free earth fill.

GENERAL
Black rubber door stop, 32mm, plugged and screwed to wall.

D1
DIMENSIONS TO BE CONFIRMED ON SITE BEFORE MANUFACTURING.

1:50 ELEVATION VIEWED FROM OUTSIDE

DESCRIPTION.
2032 x 813 x 40mm fib&b single door with flush ply panel internally. 110 x 44mm stiles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "v" jointed boards

FINISH.
Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:

IRONMONGERY
1.5 PR. 100 x 75mm NYLON INSERT BRASS BUTT, AS HMP REF:H32R.
1 ONLY UNION 2277-78MMSS 3-LEVER SASH MORTICE LOCK.
1 SET UNION C2682-24SC RADIUS LEVER FURNITURE.
1 ONLY DJW NO.1 CONCEALED FIXING BLACK PLASTIC DOOR STOP.

GLAZING

FRAME
108 x 70mm rebated meranti door frame with 13 x 13mm meranti scotia trim both sides.

FINISH.
Knot, stop and sand. Prime and apply one coat Universal Undercoat and 2 coats Plascon Super Eggshell Enamel. Clour:

NOTES

D2
DIMENSIONS TO BE CONFIRMED ON SITE BEFORE MANUFACTURING.

1:50 ELEVATION VIEWED FROM OUTSIDE

DESCRIPTION.
2032 x 950 x 40mm fib&b single door with flush ply panel internally. 110 x 44mm stiles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "v" jointed boards

FINISH.
Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:

IRONMONGERY
1.5 PR. 100 x 75mm nylon insert brass butt, as hmp ref:h32r.
1 ONLY UNION 2277-78MMSS 3-LEVER SASH MORTICE LOCK.
1 SET UNION C2682-24SC RADIUS LEVER FURNITURE.
1 only DJW NO.1 concealed fixing black plastic door stop.

GLAZING
Stainless Steel Straight Tubular Pull Handle Flange Fixing, Code DPH301B

FRAME
108 x 70mm rebated meranti frame, to be bolted to wall with expanding masonry bolts. 4 per style.

FINISH.
Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:

NOTES

D4
DIMENSIONS TO BE CONFIRMED ON SITE BEFORE MANUFACTURING.

1:50 ELEVATION VIEWED FROM OUTSIDE

DESCRIPTION.
1832 x 813 x 40mm purpose made Framed & Ledged single door with flush ply panel internally. 110 x 44mm stiles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "v" jointed boards

FINISH.
Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:

IRONMONGERY
1.5 PR. 100 x 75mm Nylon insert brass butt, AS HMP REF:H32R.
LOCKSET: 1x UNION w/c indicator bolt satin Chrome - Code C280941SC.
1 ONLY DJW NO.1 concealed fixing black plastic door stop.

FRAME
108 x 70mm rebated meranti frame, to be bolted to wall with expanding masonry bolts. 4 per style.

FINISH.
Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:

NOTES

DISABLED PERSON' ABLUTION FACILITY

PLAN-1:25

ELEVATION A -1:25

ELEVATION D -1:25

GENERAL NOTES :

REV.	DATE	DETAILS	Chd	Appd

IMPLEMENTING AGENT

A leading developmental NGO

Sanitation Appropriate For Education (SAFE) Initiative

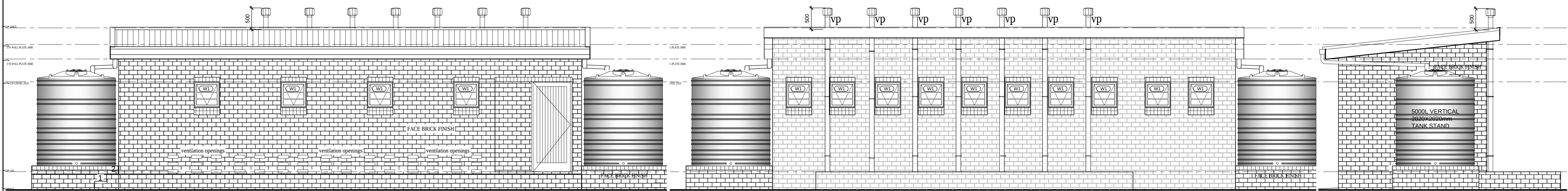
PROJECT

SAFE PROGRAMME: CONSTRUCTION OF ABLUTION BLOCKS IN VARIOUS SCHOOLS IN THE EASTERN CAPE

DESCRIPTION

DWG 20 - FEMALE FLOOR PLAN, SECTIONS & ELEVATIONS

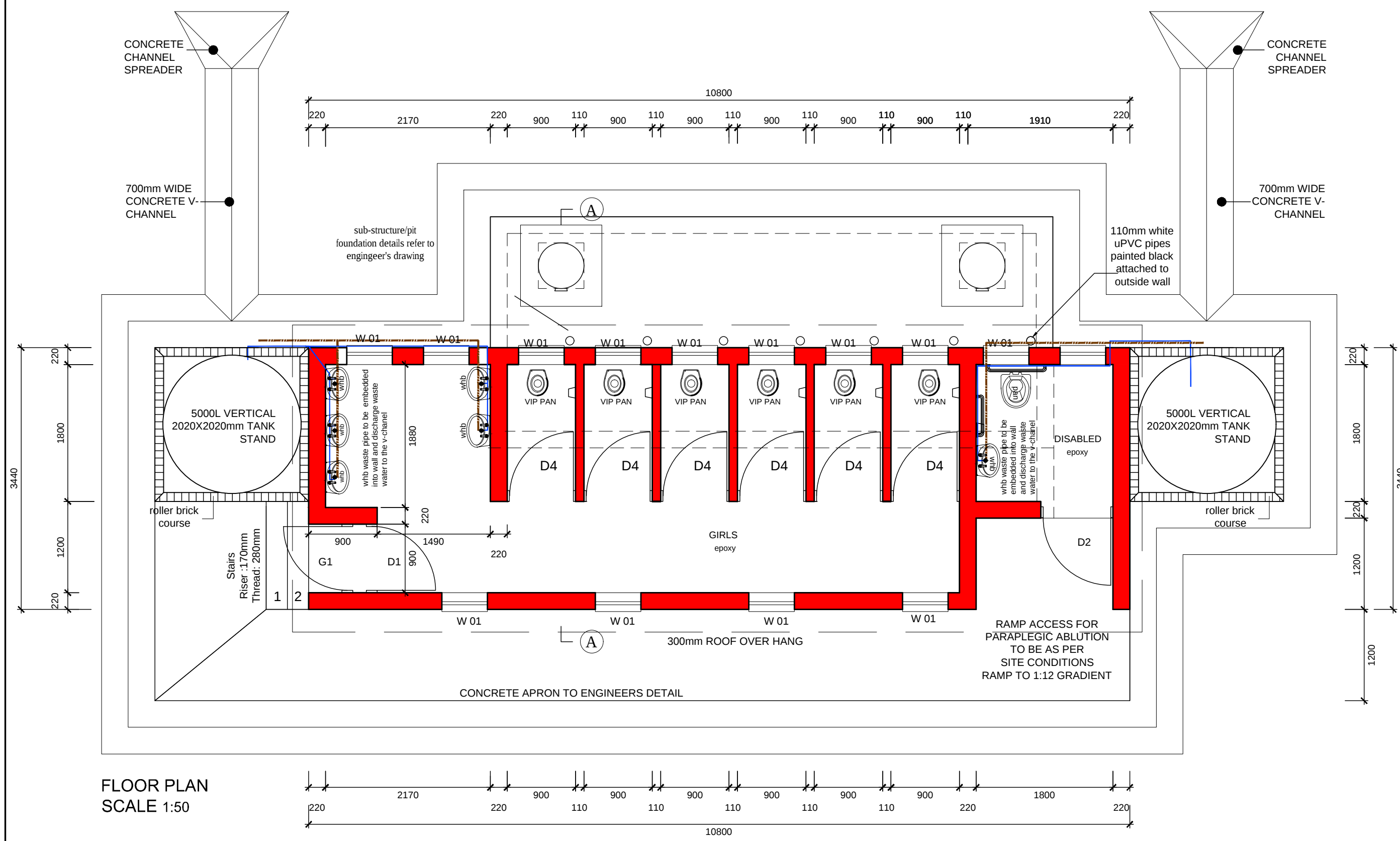
Drawn NJ	Checked MN	Designed MN
Scale AS SHOWN	Date APRIL 2021	
Project No EL085-2019	Dwg No 120	Rev 1



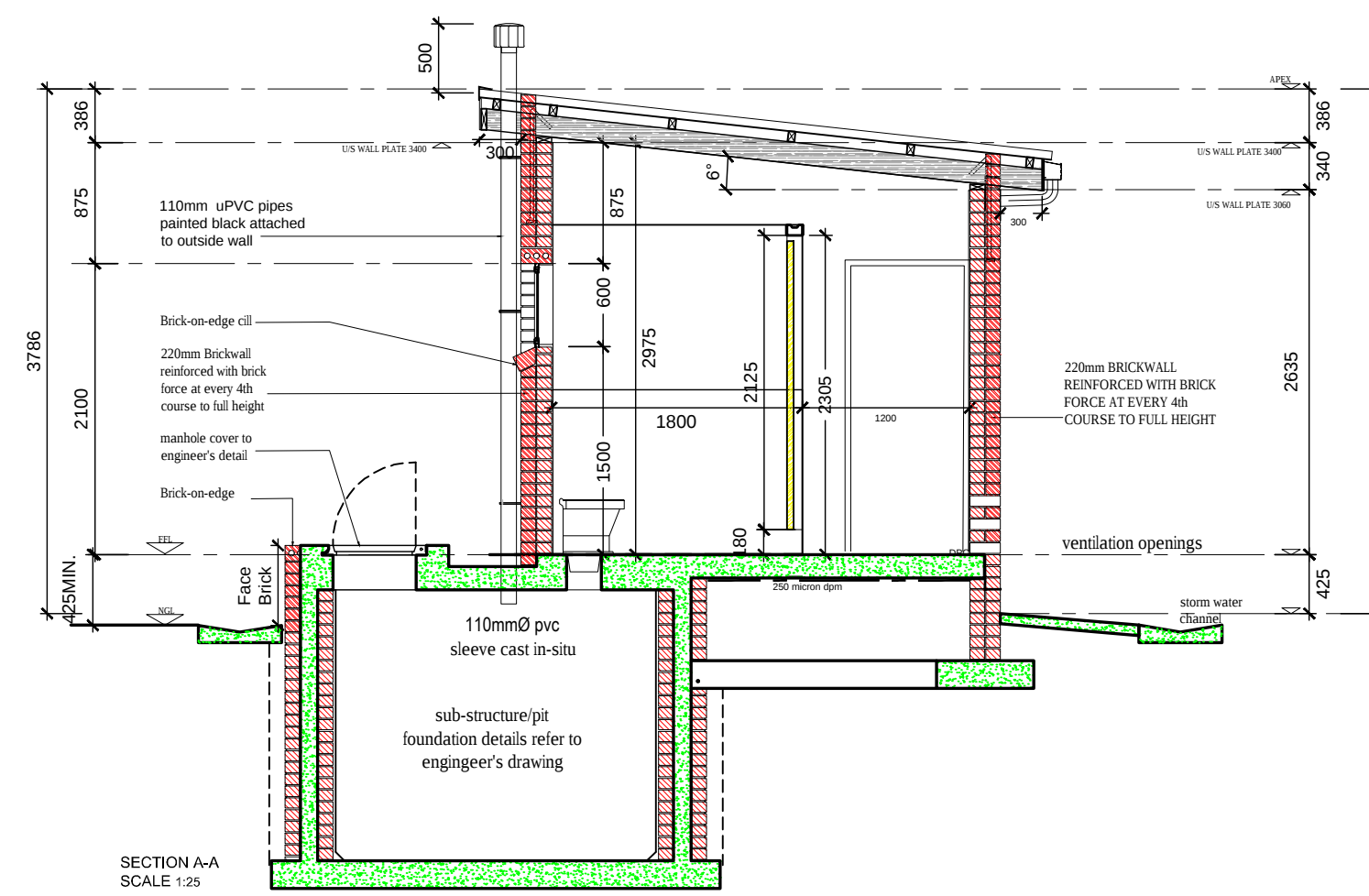
FRONT ELEVATION
SCALE 1:50

REAR ELEVATION
SCALE 1:50

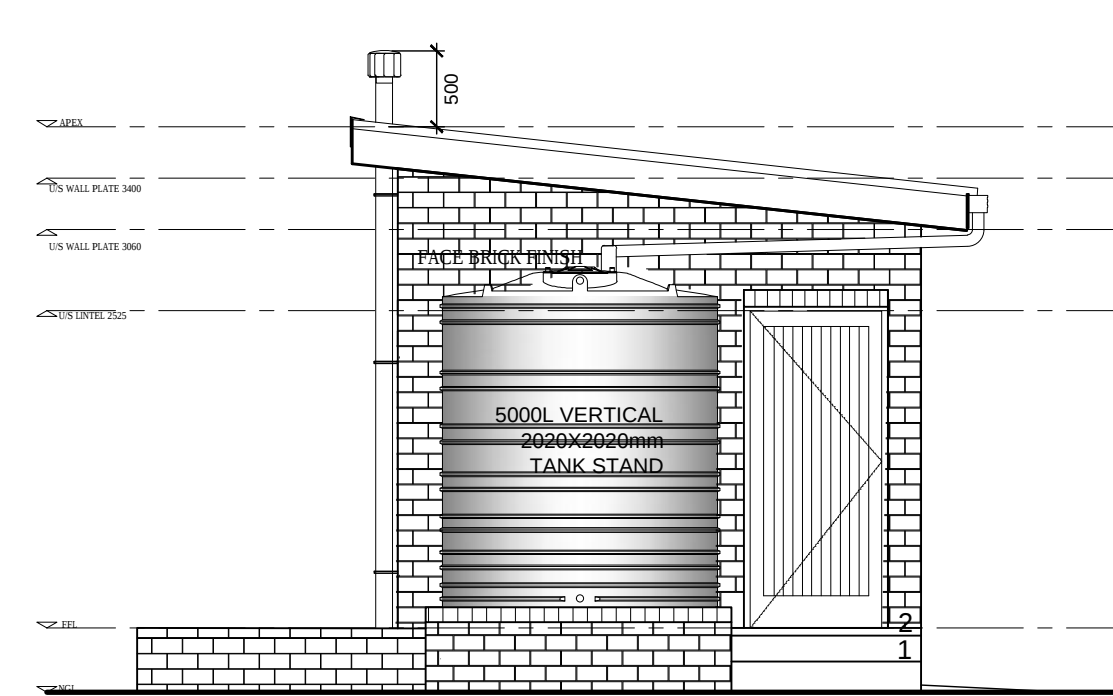
RIGHT ELEVATION
SCALE 1:50



FLOOR PLAN
SCALE 1:50



SECTION A-A
SCALE 1:25



LEFT ELEVATION
SCALE 1:50

NOTES

ROOF
0.58mm thick IFR 890 metal roof sheeting with Chromadek Z275 protective coating @ 6' positive fixed on 70x50mm S5 treated timber purlins @ 975mm c/c fixed to 152x38mm thick S5 timber rafters @ 1150mm c/c spacings, on 114x38mm S.A. pine timber wallplates in long lengths, half lapped & spiked at joints with gangnail plates, bedded on cement mortar & leveled before being down to walls with 1.6 mm thick galvanised hoop iron, 32mm wide into min. of 6 courses into 220mm brickwall & tied around rafter and fixed with four galvanised nails, 40 mm long.
NOTE: Roof construction to be done by a competent person.
On-site the roof must be placed on evenly laid pallets, covered & protected against weather. Hurricane clips fixed with permix nails or bolts through pre-drilled holes at covered verandah/ tank stand area must be provided for.

CARBOLINEUM WOOD PRESERVER
All exposed structural timber is to receive two coats carbolineum. Timber must be dry and carbolineum applied to the entire roof trusses before the application of roof sheets.

RIDGE
Mono pitched galvanised metal ridge capping with 225mm lapping secured onto the roof, final colour to match roof sheet covering.

GUTTER / DOWNSPIPE
125mm half round PVC gutter including gutter brackets at 1m centres with 75mm rainwater PVC fluted downpipes to 2500L vertical RWHT.

VENT PIPE
110mm white uPVC pipes painted black fixed firmly to outside wall with adequate brackets @ max. of 500mm. Vent Pipes at to be 500mm from highest point of roof and fitted with black PVC whirlybird vent capping inserted on 110mm diameter pvc sleeve cast in-situ

FASCIA
medium density plain ungrooved fascia boards, size 225 x 12mm thick, fixed to 114 x 38mm support battened between steel structure. Screwed with 12 x 40mm countersunk brass screws at 900mm centres to support battens with aluminium H-profile fascia joiner between boards and aluminium H-profile fascia corner joiners at board ends.

BARGE BOARD
85 x 275 x 6mm barge board drilled and brass screwed to purlin ends including galvanised steel H-profile joining strips, screws, hole etc.

EXTERNAL CILLS
Precast concrete cill on edge with 375 micron brickgrip dpc underneath the cill

WALLS
Damp proof coursing: to be gunplas black brickgrip or equal and approved 375 micron dpc, lapped minimum 150mm at all joints, and similarly lapped over green under-floor damp proof membrane.

DPCS at door reveals (in cavity construction): minimum 150mm wide, to be tucked into side of door and window frames and sandwiched in mortar between outer, facebrick skin and cavity closer and to overlap lintel and cill DPCS.

DPCS at lintols: to be inserted above all windows, stepped up one course and built into inner skin coursing with mortar fill under all as detailed.

External / load bearing walls: to have galvanised brickforce reinforcing at 4 course intervals to full height.
N.B. Brickforce reinforcing strips to be built in isolation into the appropriate brick skin and must not be used to tie the inner and outer skins of the cavity together.

External brickwork generally: 85mm brick gauge with maximum 10mm deep tooled, half-round horizontal and vertical joints all laid in compo mortar comprising 1 part cement: 1/4 part cape lime company plastic, pressure hydrated lime: 6 parts sand with open perpend forming weepholes as specified.

Internal brickwork generally: to be laid in compo mortar comprising 1 part cement: 1 part cape lime company plastic, pressure hydrated lime: 6 parts sand. Internal walls to be smooth plaster finished with 1 coat white filler coat and then 2 coats super acrylic PVA.

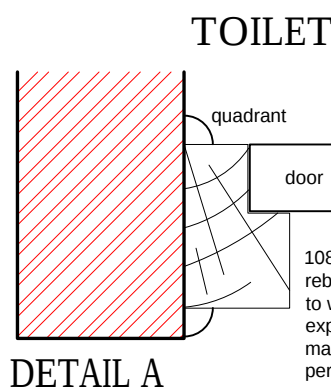
FLOORS
Structural floor topping with smooth steel float finish on 85mm thick concrete surface bed on 250 micron Gunplas USB green waterproof membrane on well compacted clay free earth fill.

GENERAL
Black rubber door stop, 32mm, plugged and screwed to wall.

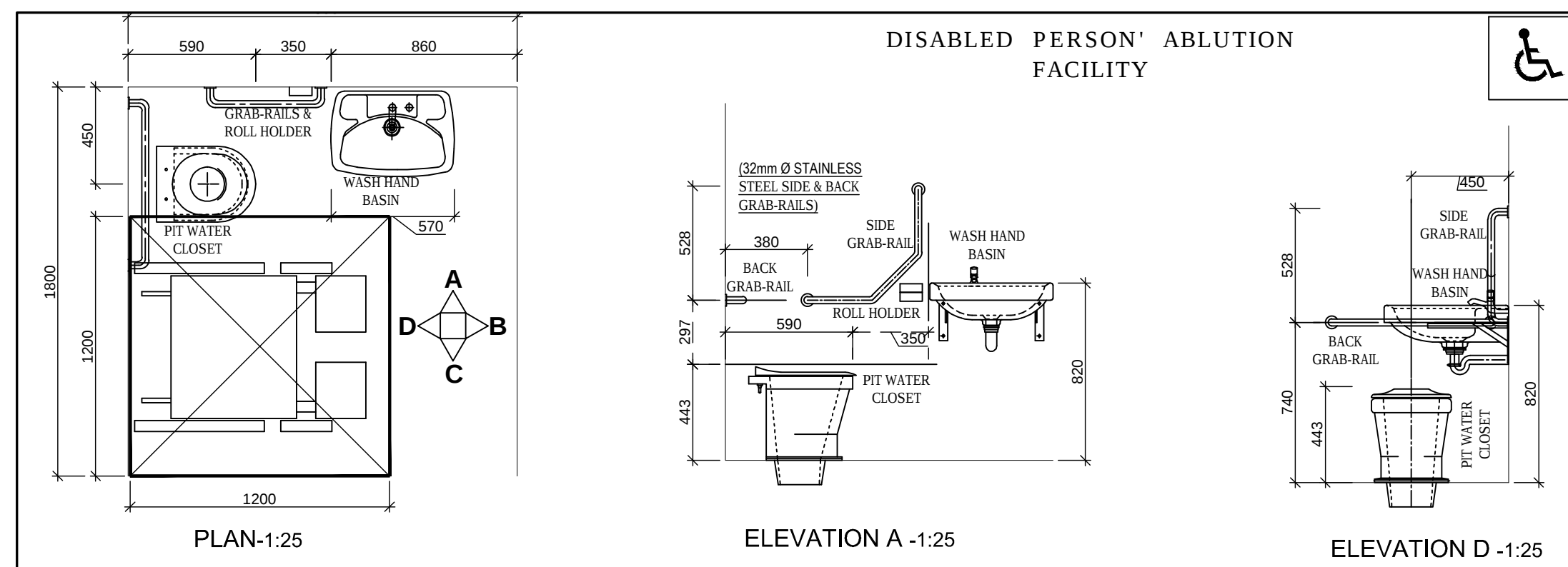
D1	DIMENSIONS TO BE CONFIRMED ON SITE BEFORE MANUFACTURING.	DESCRIPTION
		2032 x 813 x 40mm flt&b single door with flush ply panel internally . 110 x 44mm siles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "v" jointed boards
		FINISH
		Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:
		IRONMONGERY
		1.5 pr. 100 x 75mm NYLON INSERT BRASS BUTT, AS HMP REF.H32R. 1 ONLY UNION 2277-78MSS 3-LEVER SASH MORTICE LOCK. 1 SET UNION C2682-24SC RADIUS LEVER FURNITURE. 1 ONLY DJW NO.1 CONCEALED FIXING BLACK PLASTIC DOOR STOP.
		GLAZING
		FRAME
		108 x 70mm rebated meranti door frame with 13 x 13mm meranti scotia trim both sides.
		FINISH
		Knot, stop and sand. Prime and apply one coat Universal Undercoat and 2 coats Plascon Super Eggshell Enamel. Clour:
		NOTES

D2	DIMENSIONS TO BE CONFIRMED ON SITE BEFORE MANUFACTURING.	DESCRIPTION
		2032 x 950 x 40mm flt&b single door with flush ply panel internally . 110 x 44mm siles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "v" jointed boards
		FINISH
		Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:
		IRONMONGERY
		1.5 pr. 100 x 75mm nylon insert brass butt, as hmp ref.h32r. 1 ONLY UNION 2277-78MSS 3-LEVER SASH MORTICE LOCK. 1 SET UNION C2682-24SC RADIUS LEVER FURNITURE. 1 only DJW no.1 concealed fixing black plastic door stop.
		GLAZING
		Stainless Steel Straight Tubular Pull Handle Flange Fixing , Code DPH301B
		FRAME
		108 x 70mm rebated meranti frame, to be bolted to wall with expanding masonry bolts. 4 per style.
		FINISH
		Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:
		NOTES

D4	DIMENSIONS TO BE CONFIRMED ON SITE BEFORE MANUFACTURING.	DESCRIPTION
		1832 x 813 x 40mm purpose made Framed & Lugged single door with flush ply panel internally . 110 x 44mm siles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "v" jointed boards
		FINISH
		Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:
		IRONMONGERY
		1.5 Pair. 100 x 75mm Nylon insert brass butt, as HMP REF.H32R. LOCKSET: 1 x UNION w/c indicator bolt satin Chrome - Code C2609413C 1 ONLY DJW NO.1 concealed fixing black plastic door stop.
		FRAME
		108 x 70mm rebated meranti frame, to be bolted to wall with expanding masonry bolts. 4 per style.
		FINISH
		Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour:
		NOTES



DETAIL A



GENERAL NOTES :

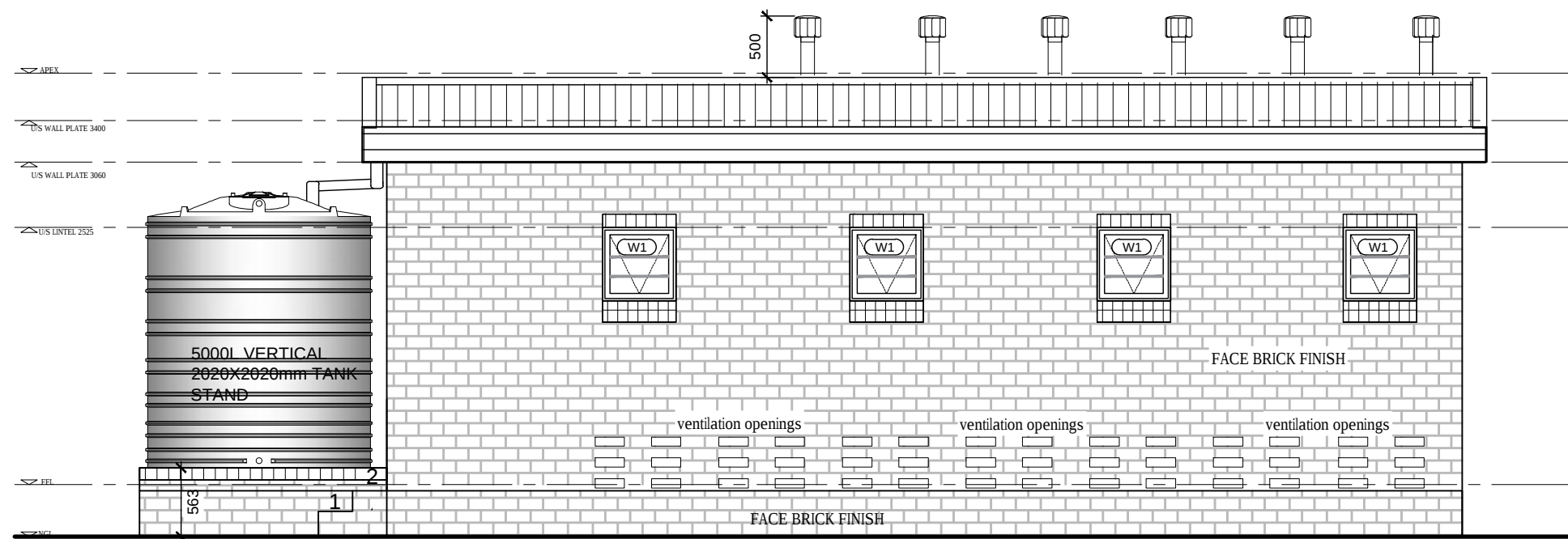
REV.	DATE	DETAILS	Chd	Appd
		REVISIONS		



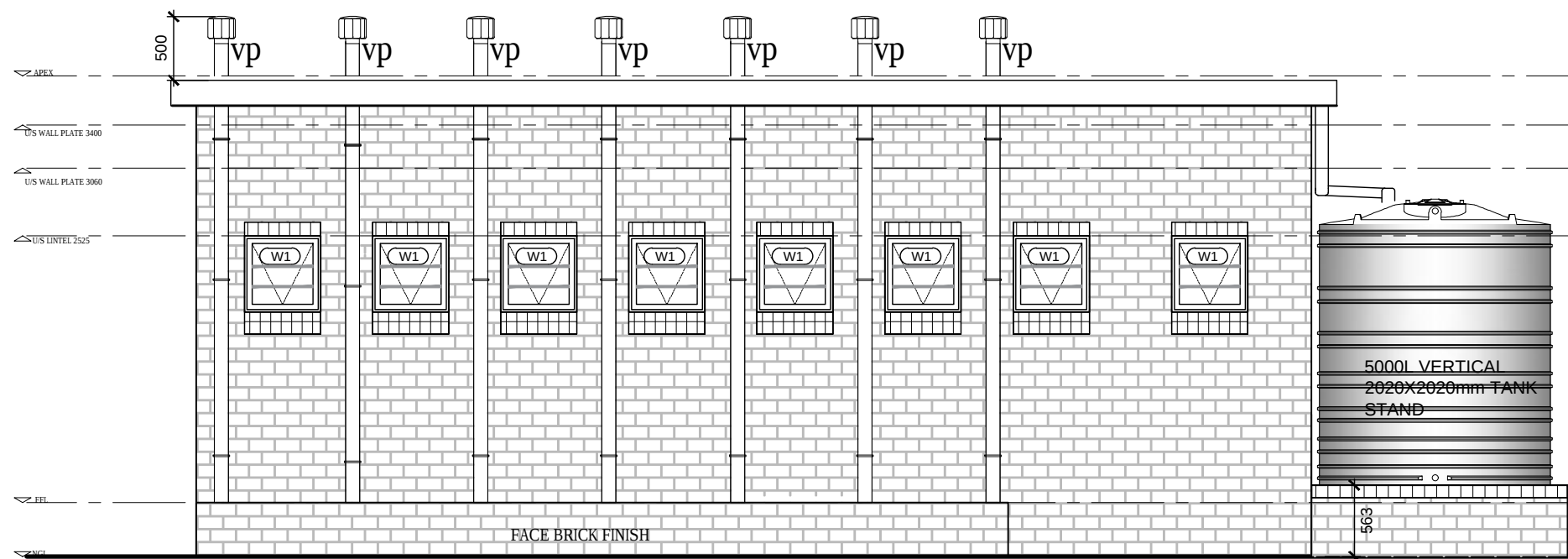
PROJECT
**SAFE PROGRAMME:
CONSTRUCTION OF ABLUTION
BLOCKS IN VARIOUS SCHOOLS
IN THE EASTERN CAPE**

DESCRIPTION
**DWG 21 - FEMALE
FLOOR PLAN, SECTIONS &
ELEVATIONS**

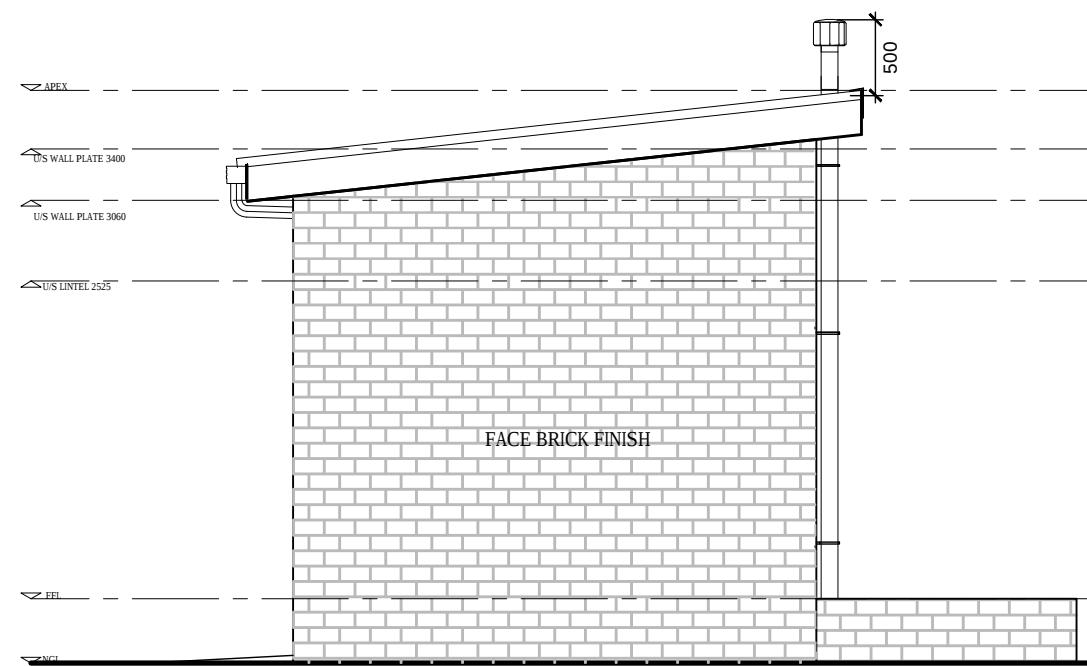
Drawn NJ	Checked MN	Designed MN
Scale AS SHOWN	Date APRIL 2021	
Project No EL085-2019	Dwg. No 121	Rev 1



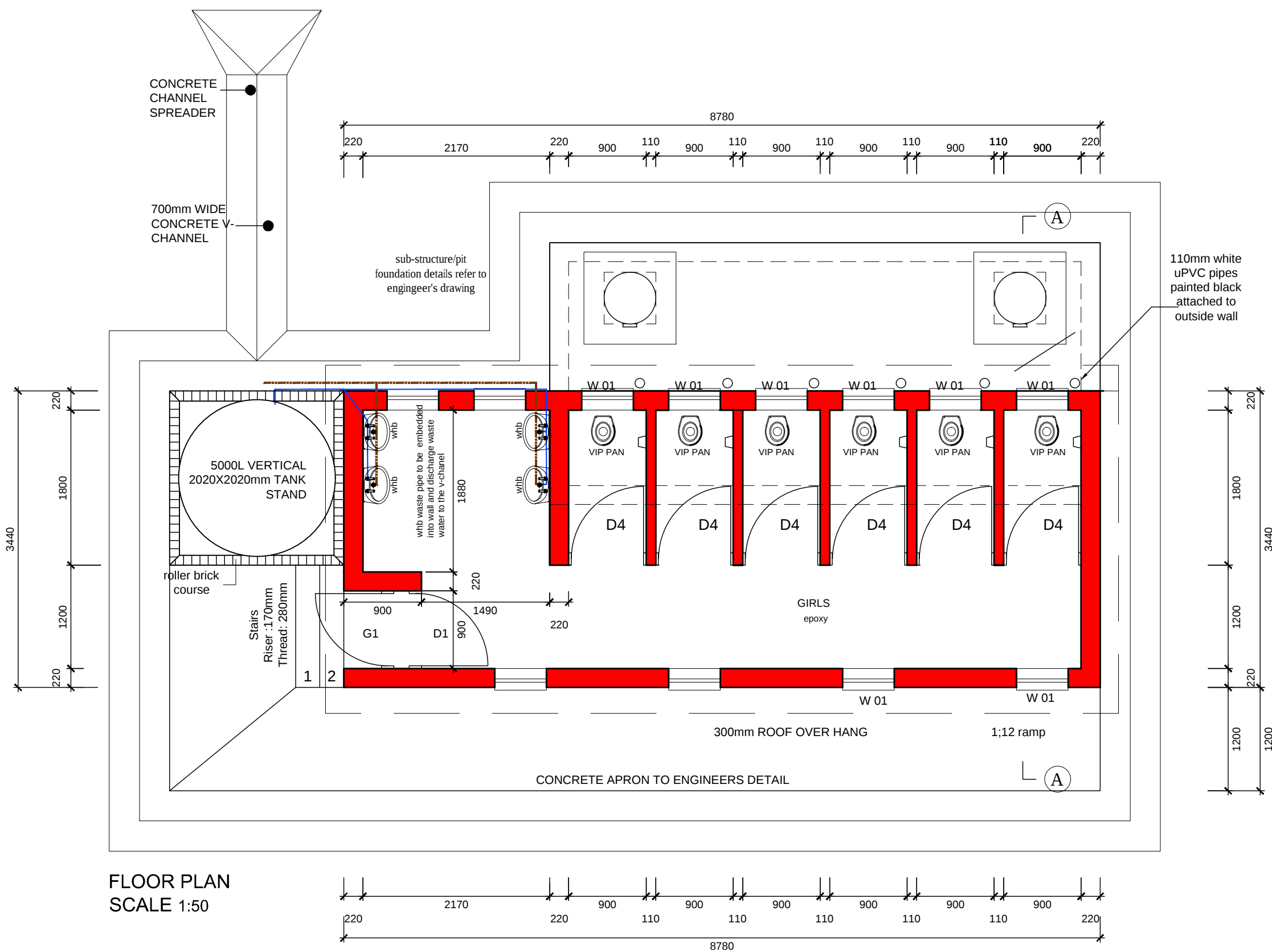
FRONT ELEVATION
SCALE 1:50



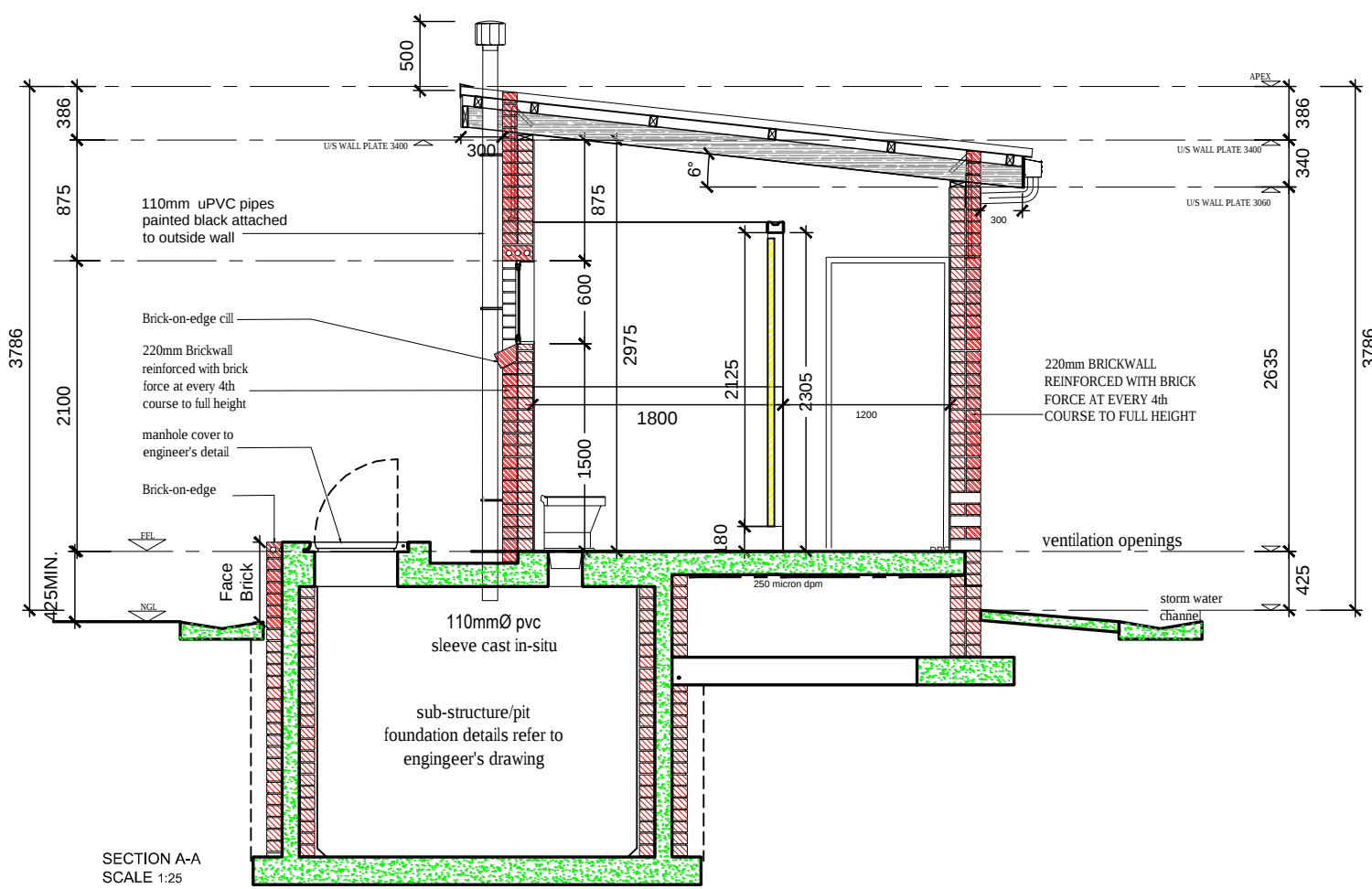
REAR ELEVATION
SCALE 1:50



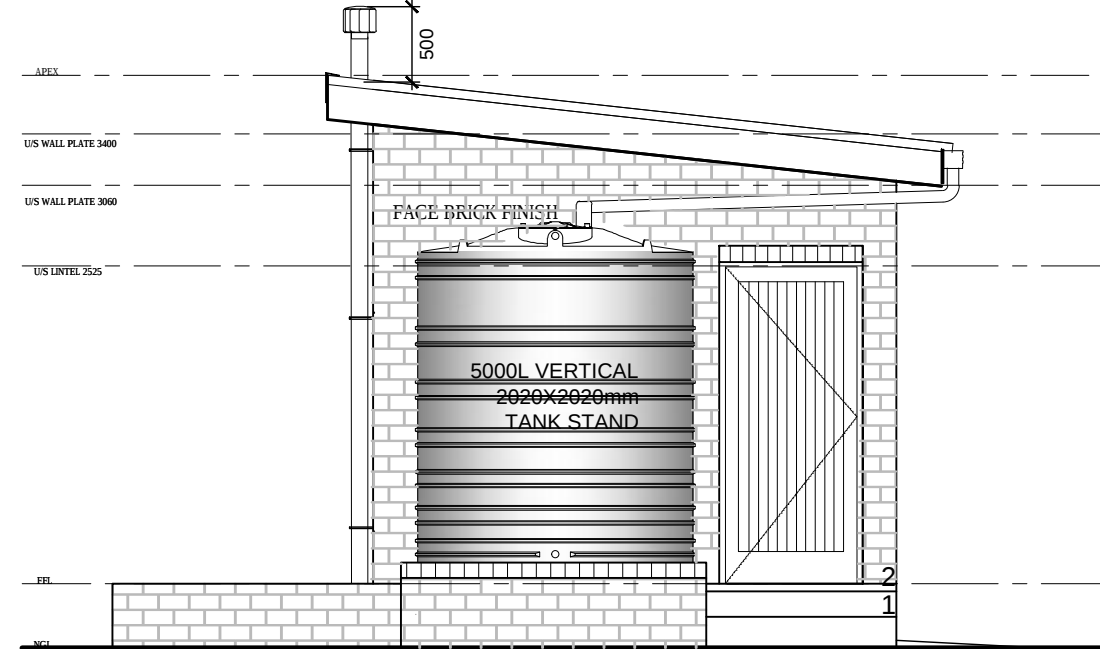
RIGHT ELEVATION
SCALE 1:50



FLOOR PLAN
SCALE 1:50



SECTION A-A
SCALE 1:25



LEFT ELEVATION
SCALE 1:50

D1
DIMENSIONS TO BE CONFIRMED ON SITE BEFORE MANUFACTURING.

1:50 ELEVATION VIEWED FROM OUTSIDE

DESCRIPTION.
2032 x 813 x 40mm fib&b single door with flush ply panel internally . 110 x 44mm stiles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "V" jointed boards
FINISH.
Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour.
IRONMONGERY
1.5 PR. 100 X 75mm NYLON INSERT BRASS BUTT, AS HMP REF-H32R.
1 ONLY UNION Z277-78MMSS 3-LEVER SASH MORTICE LOCK.
1 SET UNION CZ682-24SC RADIUS LEVER FURNITURE.
1 ONLY DJW NO.1 CONCEALED FIXING BLACK PLASTIC DOOR STOP.
GLAZING
FRAME
108 x 70mm rebated meranti door frame with 13 x 13mm meranti scolia trim both sides.
FINISH.
Knot, stop and sand. Prime and apply one coat Universal Undercoat and 2 coats Plascon Super Eggshell Enamel. Clour.
NOTES.

D2
DIMENSIONS TO BE CONFIRMED ON SITE BEFORE MANUFACTURING.

1:50 ELEVATION VIEWED FROM OUTSIDE

DISABLED

DESCRIPTION.
2032 x 950 x 40mm fib&b single door with flush ply panel internally . 110 x 44mm stiles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "V" jointed boards
FINISH.
Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour.
IRONMONGERY
1.5 pr. 100 x 75mm nylon insert brass butt, as hmp ref.h32r.
1 ONLY UNION Z277-78MMSS 3-LEVER SASH MORTICE LOCK.
1 SET UNION CZ682-24SC RADIUS LEVER FURNITURE.
1 only DJW NO.1 concealed fixing black plastic door stop.
Stainless Steel Straight Tubular Pull Handle Flange Fixing, Code DPH301B
GLAZING
FRAME
108 x 70mm rebated meranti frame, to be bolted to wall with expanding masonry bolts. 4 per style.
FINISH.
Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved.
NOTES.

D4
DIMENSIONS TO BE CONFIRMED ON SITE BEFORE MANUFACTURING.

1:50 ELEVATION VIEWED FROM OUTSIDE

TOILET

DETAIL A

DESCRIPTION.
1832 x 813 x 40mm purpose made Framed & Ledged single door with flush ply panel internally. 110 x 44mm stiles 220 x 44mm bottom rail 150 x 44mm lock rail 70 x 22mm vertical "V" jointed boards
FINISH.
Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour.
IRONMONGERY
1.5 Pair. 100 x 75mm Nylon insert brass butt, as HMP REF-H32R.
LOCKSET: 1 x UNION w/c indicator bolt satin Chrome - Code CZ80941SC.
1 ONLY DJW NO.1 concealed fixing black plastic door stop.
1 only Stainless Steel Hat and coat hook, code DHC-SS-030-A
FRAME
108 x 70mm rebated meranti frame, to be bolted to wall with expanding masonry bolts. 4 per style.
FINISH.
Knot, stop and sand. Prime and apply one coat universal undercoat and 2 coats eggshell enamel as per Plascon or equal and approved. Clour.
NOTES.

ROOF
0.58mm thick IBR 890 metal roof sheeting with Chromadek Z275 protective coating @ 6°, positive fixed on 76x50mm S5 treated timber purlins @ 975mm c/c fixed to 152x38mm thick S5 timber rafters @ 1150mm c/c spacings, on 114x38mm S.A. pine timber wallplates in long lengths, half lapped & spiked at joints with gangnail plates, bedded on cement mortar & leveled before tying down to walls with 1,6 mm thick galvanised hoop iron, 32mm wide into min. of 6 courses into 220mm brickwall & tied around rafter and fixed with four galvanised nails, 40 mm long.
NOTE: Roof construction to be done by a competent person.
On-site the roof must be placed on evenly laid pallets, covered & protected against weather. Hurricane Clips fixed with permix nails or bolts through pre-drilled holes at covered verandah/ tank stand area must be provided for.

CARBOLINEUM WOOD PRESERVER
All exposed structural timber is to receive two coats carbolineum. Timber must be dry and carbolineum applied to the entire roof trusses before the application of roof sheets.

RIDGE
Mono pitched galvanised metal ridge capping with 225mm lapping secured onto the roof, final colour to match roof sheet covering.

GUTTER / DOWNSPIPE
125mm half round PVC gutter including gutter brackets at 1m centres with 75mm rainwater PVC fluted downpipes to 2500L vertical RWHT.

VENT PIPE
110mm white uPVC pipes painted black fixed firmly to outside wall with adequate brackets @ max. of 500mm. Vent Pipes at to be 500mm from highest point of roof and fitted with black PVC whirlybird vent capping inserted on 110mm diameter pvc sleeve cast in-situ

NOTES

FASCIA
medium density plain ungrooved fascia boards, size 225 x 12mm thick, fixed to 114 x 38mm support batten/bed between steel structure.Screwed with 12 x 40mm countersunk brass screws at 900mm centres to support battens with aluminium H-profile fascia joiner between boards and aluminium H-profile fascia corner joiners at board ends.

BARGE BOARD
85 x 275 x 6mm Barge board drilled and brass screwed to purlin ends including galvanised steel H-profile joining strips, screws, holes etc.

EXTERNAL GILLS
Precast concrete cill on edge with 375 micron brickrip dpc underneath the cill

WALLS
Damp proof coursing: to be gunplas black brickrip or equal and approved 375 micron dpc, lapped minimum 150mm at all joints, and similarly lapped over green under-floor damp proof membrane.

DPCS at door reveals (in cavity construction): minimum 150mm wide, to be tucked into side of door and window frames and sandwiched in mortar between outer, facebrick skin and cavity closer and to overlap lintel and cill DPCS.

DPCS at lintels: to be inserted above all windows, stepped up one course and built into inner skin coursing with mortar fill under all as detailed.

External / load bearing walls: to have galvanised brickforce reinforcing at 4 course intervals to full height.
N.B. Brickforce reinforcing strips to be built in isolation into the appropriate brick skin and must not be used to tie the inner and outer skins of the cavity together.

External brickwork generally: 85mm brick gauge with maximum 10mm deep tooled, half-round horizontal and vertical joints all laid in compo mortar comprising 1 part cement: 1/4 part cape lime company plastic, pressure hydrated lime: 6 parts sand with open perpend forming weepholes as specified.

Internal brickwork generally: to be laid in compo mortar comprising 1 part cement: 1 part cape lime company plastic, pressure hydrated lime: 6 parts sand. Internal walls to be smooth plaster finished with 1 coat white filler coat and then 2 coats super acrylic PVA.

FLOORS
Structural floor topping with smooth steel float finish on 85mm thick concrete surface bed on 250 micron Gunplas USB green waterproof membrane on well compacted clay free earth fill.

GENERAL
Black rubber door stop, 32mm, plugged and screwed to wall.

GENERAL NOTES :

REV.	DATE	DETAILS	Chd	Appd

IMPLEMENTING AGENT

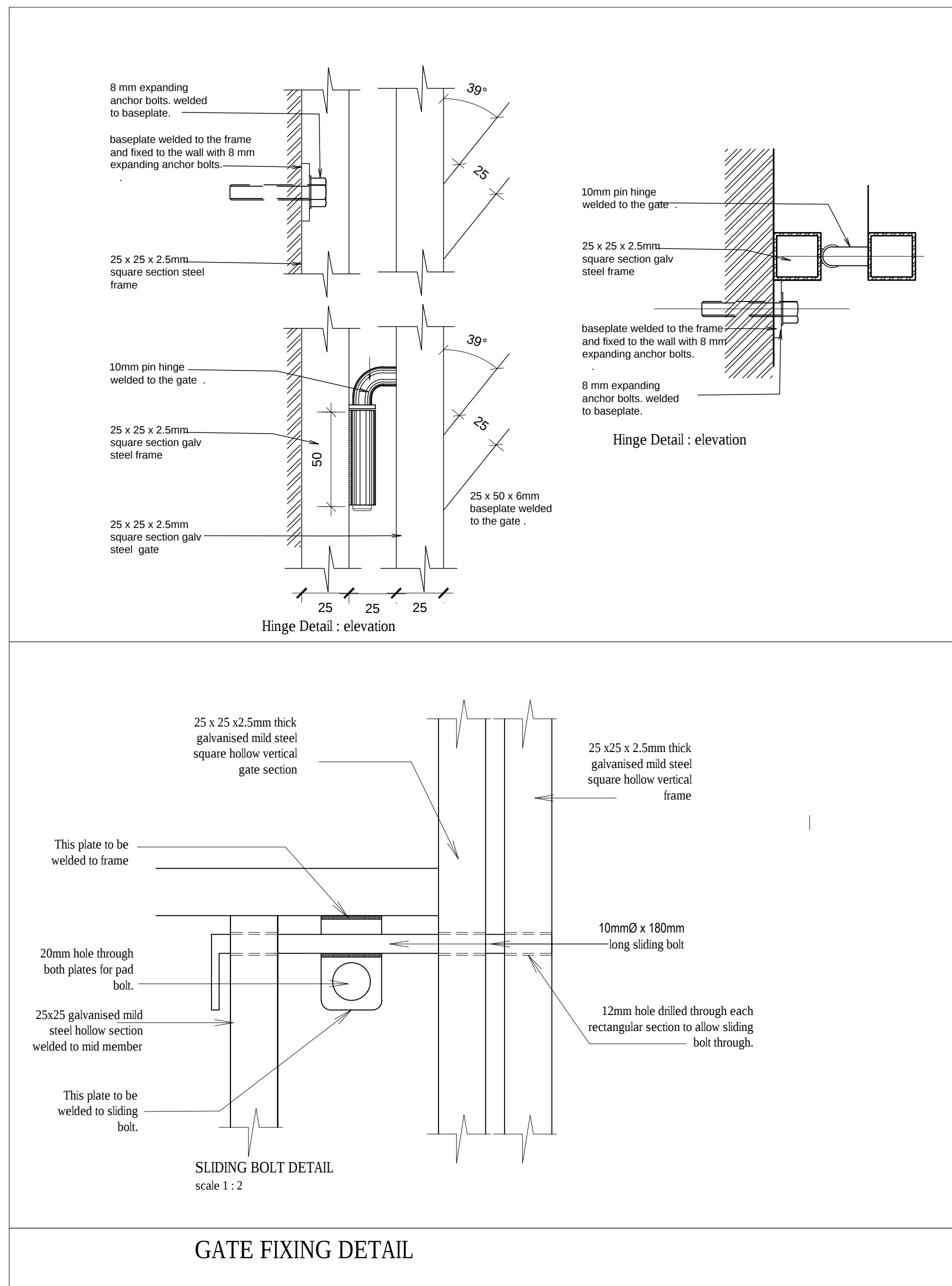
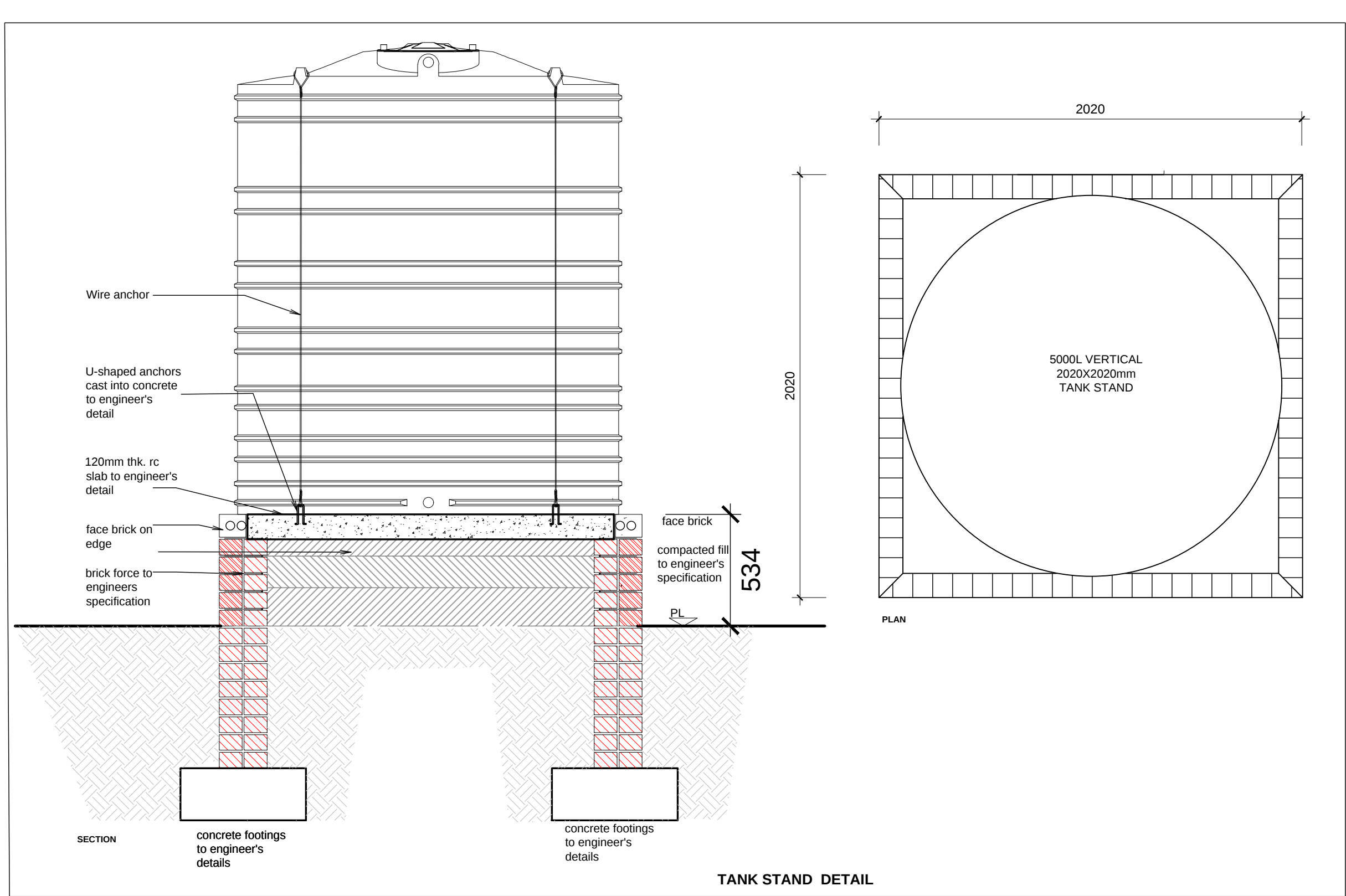
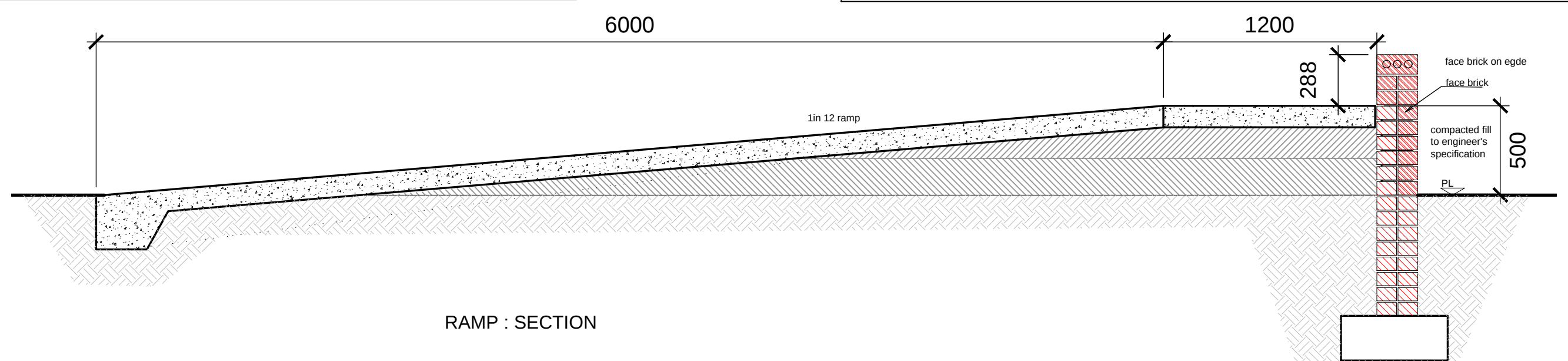
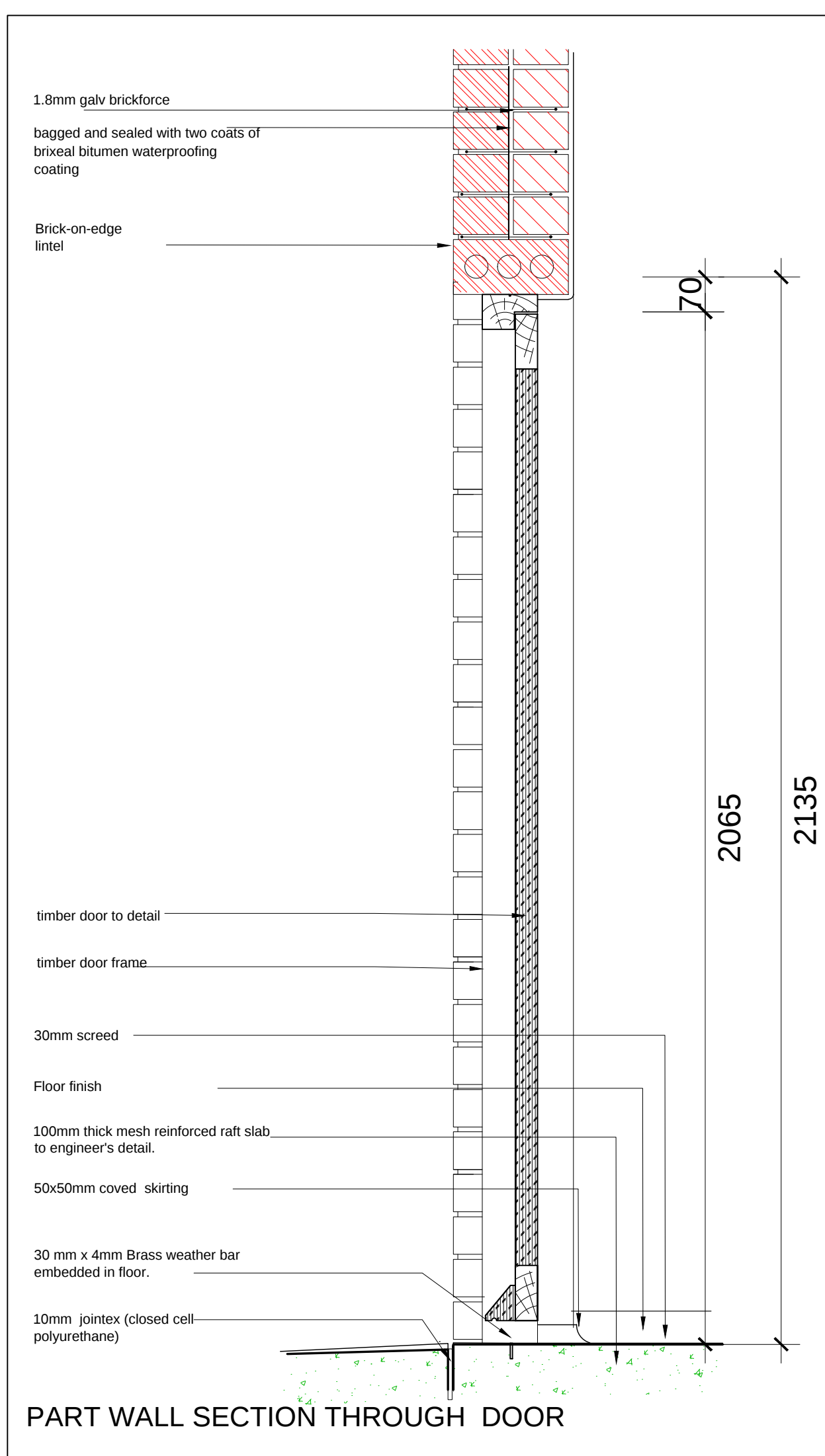
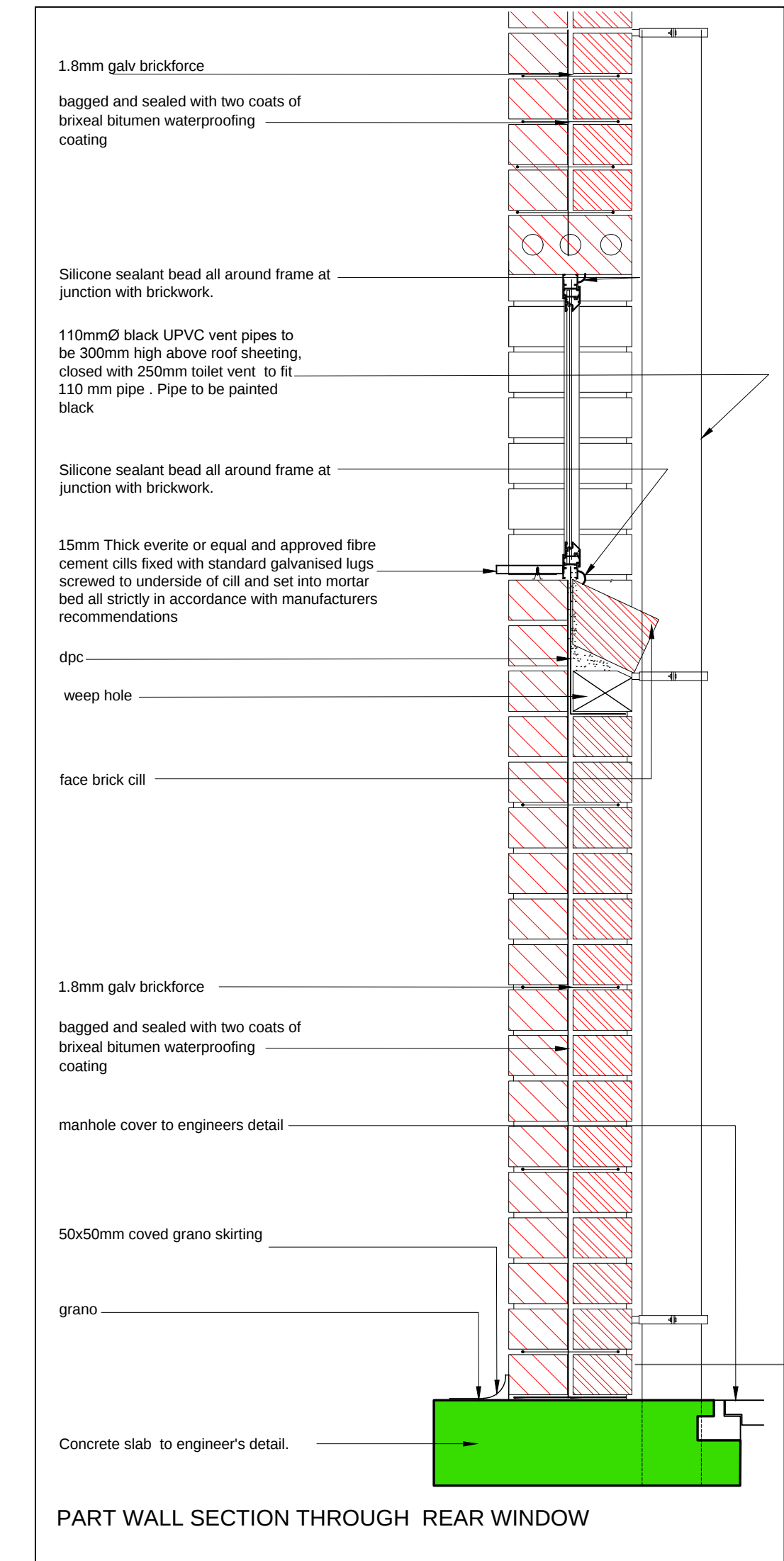
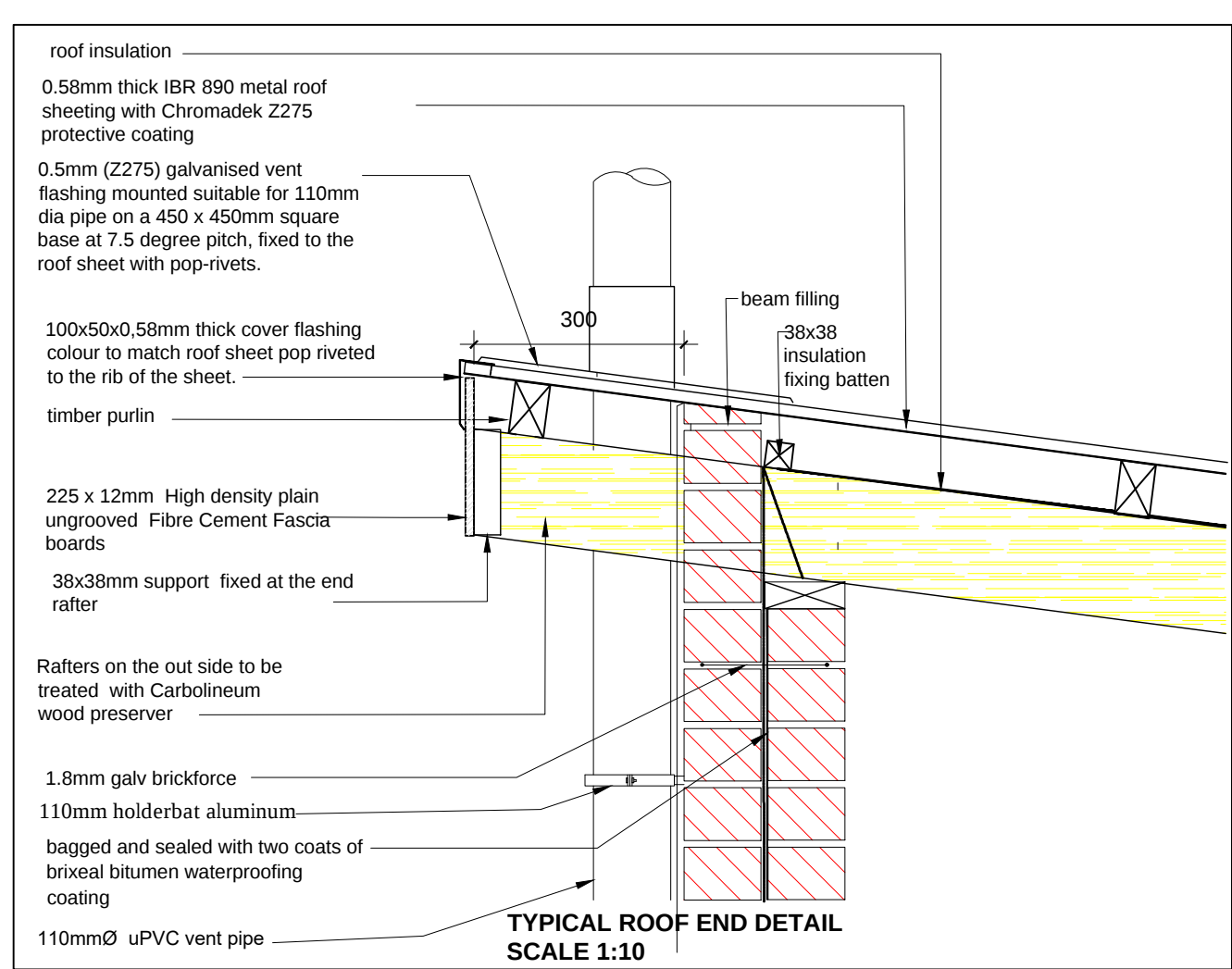
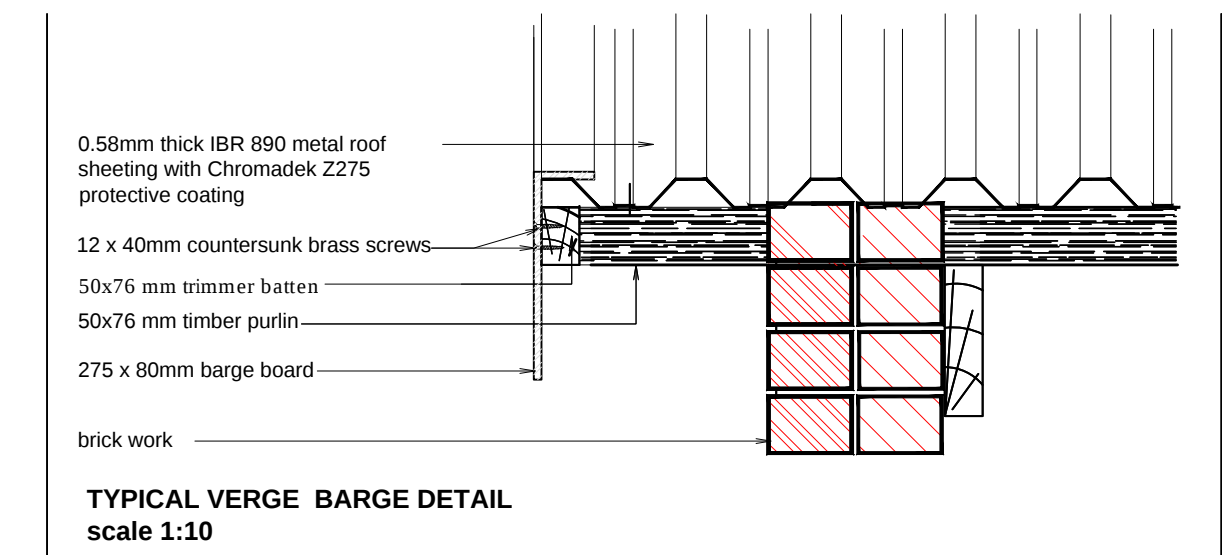
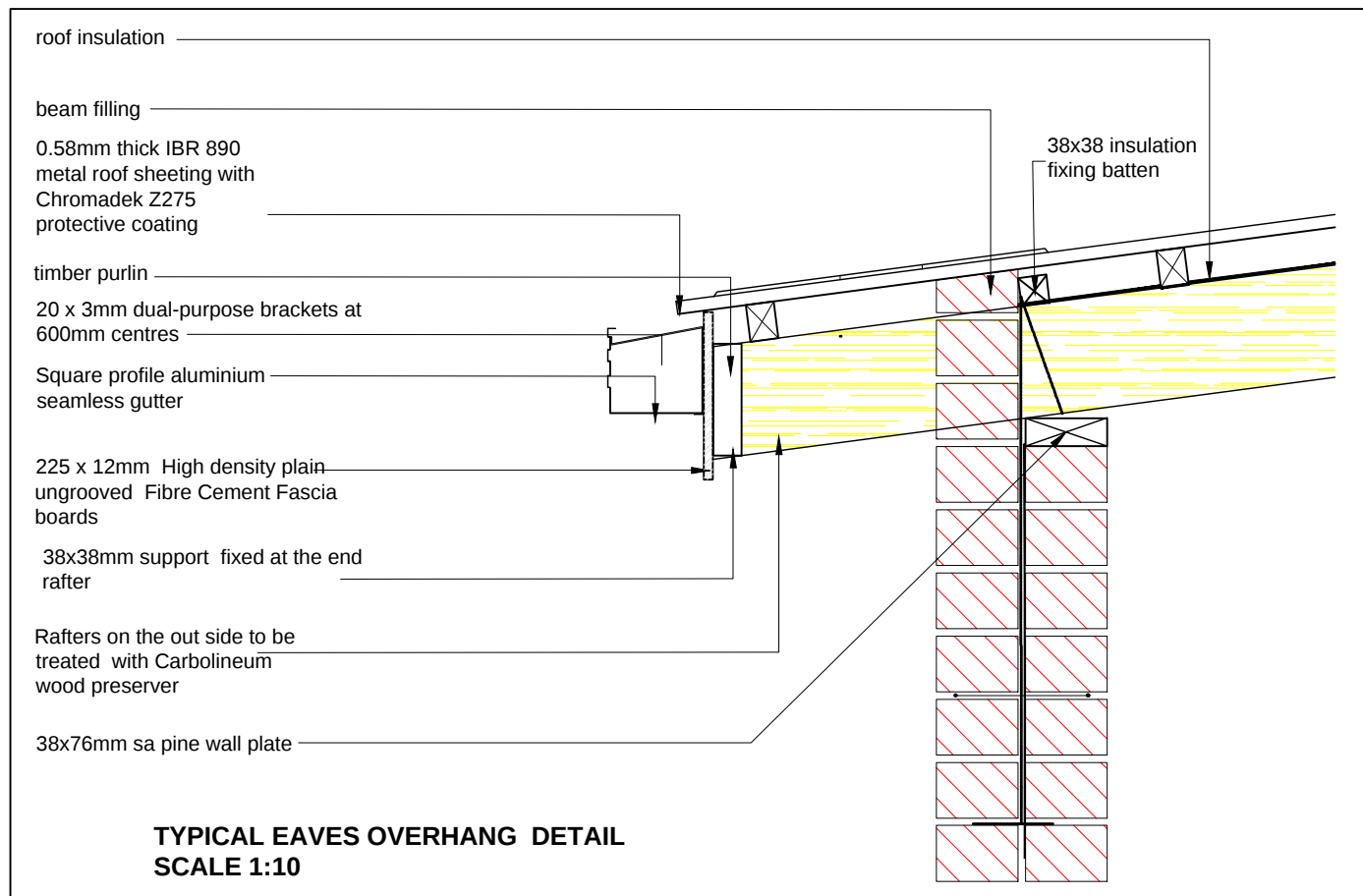
A leading developmental NGO

Sanitation Appropriate For Education (SAFE) Initiative

PROJECT
**SAFE PROGRAMME:
CONSTRUCTION OF ABLUTION
BLOCKS IN VARIOUS SCHOOLS
IN EASTERN CAPE**

DESCRIPTION
**FEMALE
FLOOR PLAN, SECTIONS &
ELEVATIONS**

Drawn NJ	Checked MN	Designed MN
Scale AS SHOWN	Date APRIL 2021	
Project No EL085-2019	Fig. No 135	Rev 1



GENERAL NOTES :

REV.	DATE	DETAILS	Chd	Appd
		REVISIONS		



PROJECT

**SAFE PROGRAMME:
CONSTRUCTION OF ABLUTION
BLOCKS IN VARIOUS SCHOOLS
IN EASTERN CAPE**

DESCRIPTION

DETAILS

Drawn NJ	Checked MN	Designed MN
Scale AS SHOWN	Date APRIL 2021	
Project No EL085-2019	Dwg. No 135	Rev 1