



**Date: 3<sup>rd</sup> October 2024**

**TENDER ADVERTISEMENT**

Habitat for Humanity Kenya invites bids from interested, eligible, reputable, and competent suppliers for the supply of:

<b>TENDER REF NO</b>	<b>ITEM DESCRIPTION</b>	<b>DELIVERY LOCATION</b>
HFHK/4719/2024	<b>PROPOSED CONSTRUCTION WORKS FOR VIP LATRINES</b> As per specification provided on BOQ	Mathingira and Baraka primary school, Laikipia County

Interested bidders must visit the location first before providing the quotation.

- Location: Mathingira and Baraka primary school, Laikipia County

Interested bidders must enclose the following documents

- Valid KRA Pin/VAT/Tax Compliance certificate
- CR12
- Valid Business Permit
- Attachment of 3 similar works i.e. LPO's/Contracts
- At least 2-3 years of operation
- Price quoted should be inclusive of tax where applicable.
- Company profile

Detailed requests for quotation may be obtained (**Free of charge**) from Habitat for Humanity Kenya website: <https://hfhkenya.org/careers>

Duly completed and sealed tender documents in a plain envelope with the tender number **HFHK/4719/2024** and title indicated (**PROPOSED CONSTRUCTION WORKS FOR VIP LATRINES IN MATHINGIRA AND BARAKA PRIMARY SCHOOL, LAIKIPIA -COUNTY**) on the envelope should be deposited in the tender box placed at **Habitat for Humanity Kenya offices** on or before the close of business on 16<sup>th</sup> October 2024 addressed to.

**The Chairperson, Procurement Committee,**

Habitat for Humanity Kenya  
Kasuku Lane-off Lenana Road,  
P.O Box 38948 – 00623, Nairobi Kenya.

**Habitat for Humanity Kenya** reserve the right to accept or reject any tender in part or wholly and does not bind itself to accept the lowest bidder. Only successful bidders will receive communication from HFHK office. Any form of canvassing either directly or indirectly shall lead to disqualification of the tender.

**Proposed VIP Ladies Latrine Blocks**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE (Ksh)</b>	<b>AMOUNT (Ksh)</b>
	<b><u>SUBSTRUCTURE WORKS (ALL PROVISIONAL)</u></b>				
	<u>Excavations</u>				
A	Clearing site of all bushes, shrubs, undergrowth and the like; small trees not exceeding 600mm girth; disposing arisings	26	SM		
B	Excavation to reduced level commencing from ground level 300mm deep and not exceeding 1500mm	20	SM		
C	Latrine pit excavation measuring 4.9m*2.6m*4m deep commencing from reduced level	51	CM		
D	Excavate for strip foundations not exceeding 1500 mm deep commencing from reduced level	6	CM		
E	Extra over all excavations and earthworks for breaking up rock where encountered	1	CM		
F	Plank and strut to uphold sides of excavations: keep excavations free from all fallen material	1	Item		
G	Keep excavations free from ground and surface water	1	Item		
H	Load and cart away surplus excavated material from site	60	CM		
I	Return, fill and ram excavated material around	8	CM		
	<b>TOTAL PAGE 1 CARRIED TO COLLECTION</b>				

**Proposed VIP Ladies Latrine Blocks**

	<u>Insitu reinforced concrete class 20/20: vibrated: in</u>				
A	Strip foundation	3	CM		
	<u>Approved Natural Stonework; roughly squared; bedded in cement and sand mortar (1:4); 25mm wide x 20 Gauge hoop iron strapping every alternate courses</u>				
B	200mm thick walls around the latrine pit	68	SM		
	<u>200mmx300mm ring beam with 4Y12 reinforcement bars at mid-height on pit wall. Insitu reinforced concrete class 20/20 vibrated as described in:</u>				
C	200mm*300mm RC beams (mid-wall)	1	CM		
D	150mm thick floor slab	17	SM		
E	200mm*400mm RC beams (at ground slab)	1	CM		
	<u>Sawn formwork to:-</u>				
F	Sides: strip foundation	8	SM		
G	Sides and soffittes of beams	12	SM		
H	Soffittes of slab	12	SM		
I	Edges: slabs over 75 but not exceeding 150 mm girth	17	LM		
	<u>High tensile square twisted steel bars to B.S. 4441</u>				
J	8mm dia bars	99	Kgs		
K	10mm dia bars	179	Kgs		
L	12mm dia bars	131	Kgs		
M	16mm dia bars	80	Kgs		
N	Mesh fabric reinforcement to B.S 4483 and setting in concrete with 300mm side and end laps (measured nett-allow for laps. Fabric ref. A142 weighing 2.22kg/sq. metre in surface bed	17	SM		
	<u>Approved Natural Stonework; roughly squared; bedded in cement and sand mortar (1:4); 25mm wide x 20 Gauge hoop iron strapping every alternate courses</u>				
O	100mm thick walls (superstructure)	36	SM		
<b>TOTAL PAGE 2 CARRIED TO COLLECTION</b>					

**Proposed VIP Ladies Latrine Blocks**

A	<u>Render to plinth Finishes</u> 12mm thick cement/ sand render	5	SM		
B	<u>Paintwork</u> Prepare and apply three coats of black bituminous paint to plinth render	5	SM		
<b><u>REINFORCED CONCRETE (R.C) WORKS</u></b>					
<u>Insitu reinforced concrete class 20/20: vibrated: in</u>					
C	Ring beams	1	CM		
<u>High tensile, square twisted bar reinforcement to BS 4461</u>					
D	8mm dia bars	25	Kgs		
E	12mm dia bars	72	Kgs		
<u>Sawn formwork as described to:-</u>					
F	Sides of ring beam	12	SM		
<u>Damp proof course</u>					
G	150mm wide "Pluvex" or other equal and approved dumproof course laid and bedded in and including cement and sand mortar (1:4)	10	LM		
<b><u>ROOF STRUCTURE</u></b>					
<u>All in sawn cypress: second grade: clean: treated with approved wood preservative: including jointing and connections as necessary</u>					
<b><u>The following in Roof Support</u></b>					
H	100 x 50mm rafters	18	LM		
I	150 x 25mm fascia board	14	LM		
J	75 x 50mm Ditto; Wall plate: fixed to concrete or masonry with approved bolts at 1000 mm centres	10	LM		
K	G28 IT5 roofing sheets fixed to timber purlins with approved nails	12	SM		
<b>TOTAL PAGE 3 CARRIED TO COLLECTION</b>					

**Proposed VIP Ladies Latrine Blocks**

<b><u>WINDOWS</u></b>				
<b><u>Casements</u></b>				
<u>Steel casement windows purpose made primed steel complete in opening and fixed lights complete with fasteners and stays; steel lugs built into stone work to client's approval</u>				
N	Window size 600 x 600 mm high	5	No.	
<b><u>Glazing</u></b>				
O	4 mm thick clear sheet glass and glazing to metal with metallic putty in different panes	2	SM	
<b>TOTAL PAGE 4 CARRIED TO COLLECTION</b>				

**Proposed VIP Ladies Latrine Blocks**

	<u>Painting</u>			
A	Prepare and apply three coats of gloss oil paint to metal surfaces of windows; internally	2	SM	
B	Ditto; externally	2	SM	
	<b><u>DOORS</u></b>			
	<u>Metal Door:</u>			
	<u>Supply and fix mild steel door complete with frames, stiles, rails and hinges; Locking accessories; one coat of red oxide primer before fixing:-</u>			
C	50mm thick single leaf door size 800 x 2100 mm high	5	No.	
	<u>Ironmongery</u>			
D	38mm rubber door stops as described	5	No.	
	<u>Painting</u>			
E	Prepare and apply three coats of gloss oil to metal surfaces	15	SM	
	<b><u>WALL FINISHES</u></b>			
	<u>EXTERNAL</u>			
	<u>Key pointing</u>			
F	Extra over walling for horizontal recessed and flush vertical key pointed joints in cement and sand (1:4) mortar.	26	SM	
	<u>19mm thick render as described to:</u>			
G	Ring beam masonry work	4	SM	
	<u>Paintwork</u>			
H	Prepare and apply three coats external plastic emulsion paint to ring beam	4	SM	
	<u>INTERNAL</u>			
	<u>Gauged plaster 1:1:9 as described to:</u>			
I	Walls and concrete surfaces internally (walls and ring beam)	55	SM	
	<u>Paintwork</u>			
J	Prepare and apply three coats plastic emulsion paint to plastered surfaces.	55	SM	
K	Supply and fix 100mm diam vent pipe	3	M	
<b>TOTAL PAGE 5 CARRIED TO COLLECTION</b>				

**Proposed VIP Ladies Latrine Blocks**

A	<p><b><u>FLOOR FINISHES: Internal Finishes</u></b>  <u>Steel trowelled cement and sand screed (1:4) in:</u>            32mm thick Coloured screed smooth finish</p>	13	SM		
<b>TOTAL PAGE 6 CARRIED TO COLLECTION</b>					
<p><b>SUMMARY OF BUILDERS WORK</b></p> <p>1 PAGE 1 COLLECTION</p> <p>2 PAGE 2 COLLECTION</p> <p>3 PAGE 3 COLLECTION</p> <p>4 PAGE 4 COLLECTION</p> <p>5 PAGE 5 COLLECTION</p> <p>6 PAGE 6 COLLECTION FROM ABOVE</p>					
<b>TOTAL COST ESTIMATE FOR ONE LADIES LATRINES</b>					
<b>GRAND TOTAL COST FOR FOR TWO LATRINES</b>					

NOTES:

**GENERAL**

- 1.All dimensions are in mm unless otherwise specified.
- 2.Dimensions to be read, not scaled.Only figured dimensions to be used.
- 3.Contractor to check and verify all dimensions on site before commencement of any works.

**CONSTRUCTION**

- 1.All slabs at ground level to be poured over 1000 gauge polythene sheeting on 50 mm thick murrum blinding layer which on 300 hardcore fill.
- 2.All soil under slabs and all around external foundations to be treated against termites.

**STRUCTURAL**

- 1.All black cotton soil to be removed from below all building and paved surfaces.
- 2.All soil under slabs and all around external foundations to be treated against termites.
- 3.For all R.C works, refer to structural drawings.
- 4.Depth of foundation to be determined on the site to structural Engineers Approval.

**MECHANICAL**

- 1.All plumbing and drainage to comply with local authority regulations.
- 2.All service ducts to be accessible from all floors .
- 3.SVP denotes soil vent pipe to be provided at the head of the drainage.
- 4.P.V permanent ventilation, to be provided on all doors and windows except bathroom and water closet doors.
- 5.All underground foul and waste drain pipes shall be upvc to comply with Bs 5255.
- 6.All inspection chamber covers and framing shall be cast iron to comply with Bs 497 table 2 grade A.
- 7.The storm drain pipe to comply with Bs 556 minimum slope in the drain pipes in 1%.
- 8.All testing of pipes must be done before plastering.

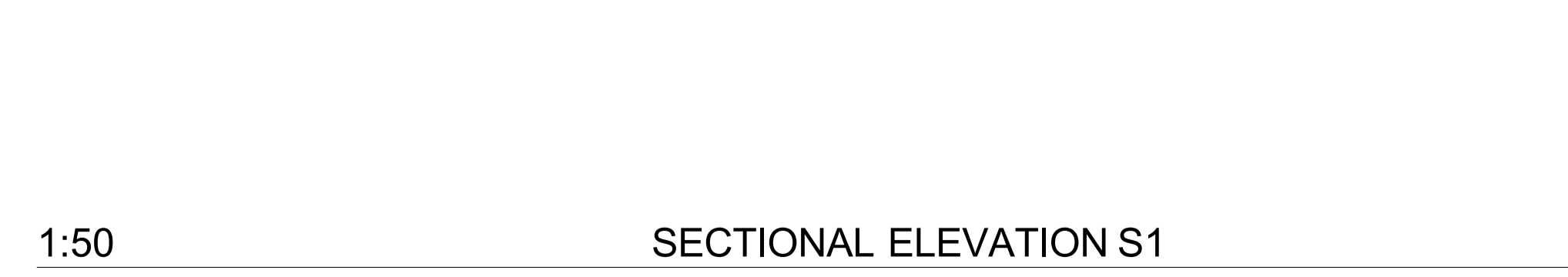
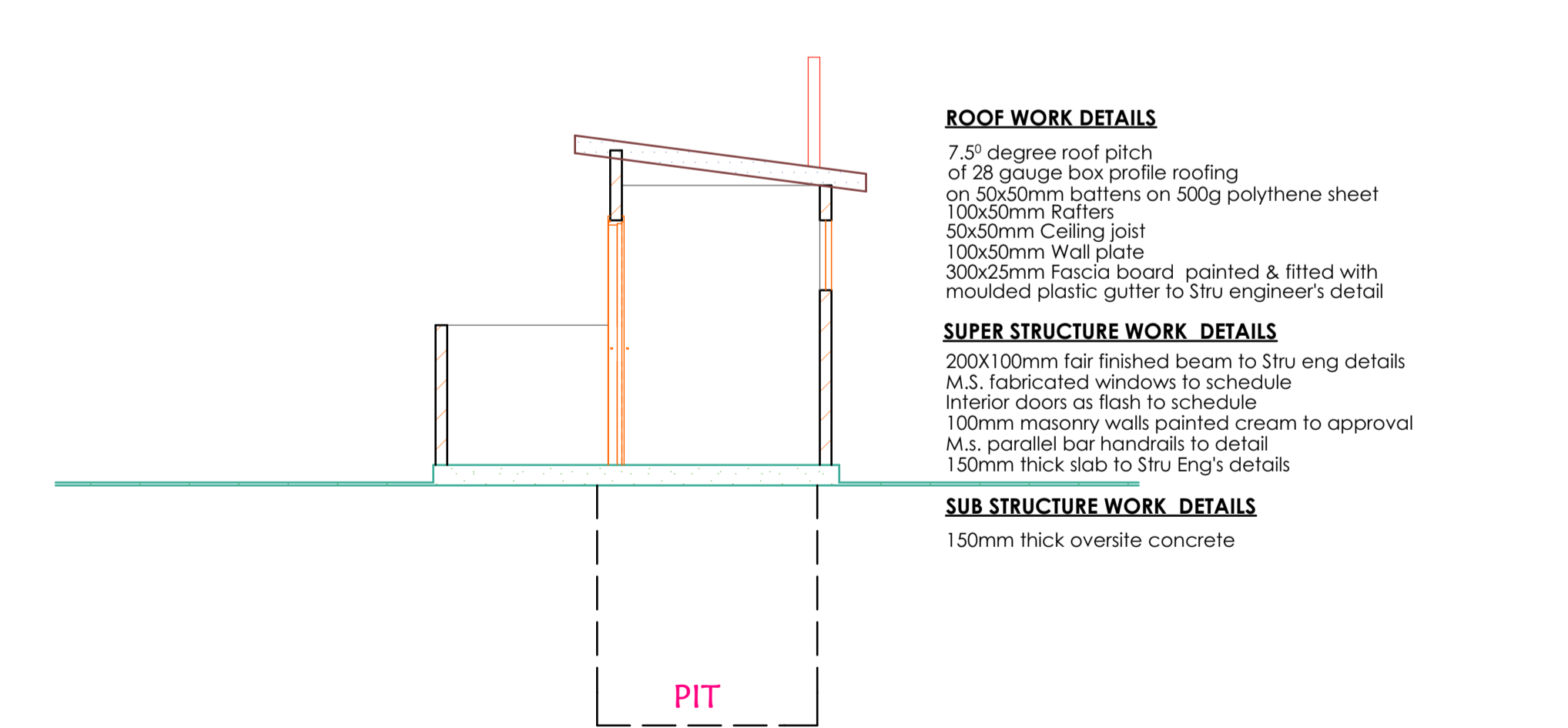
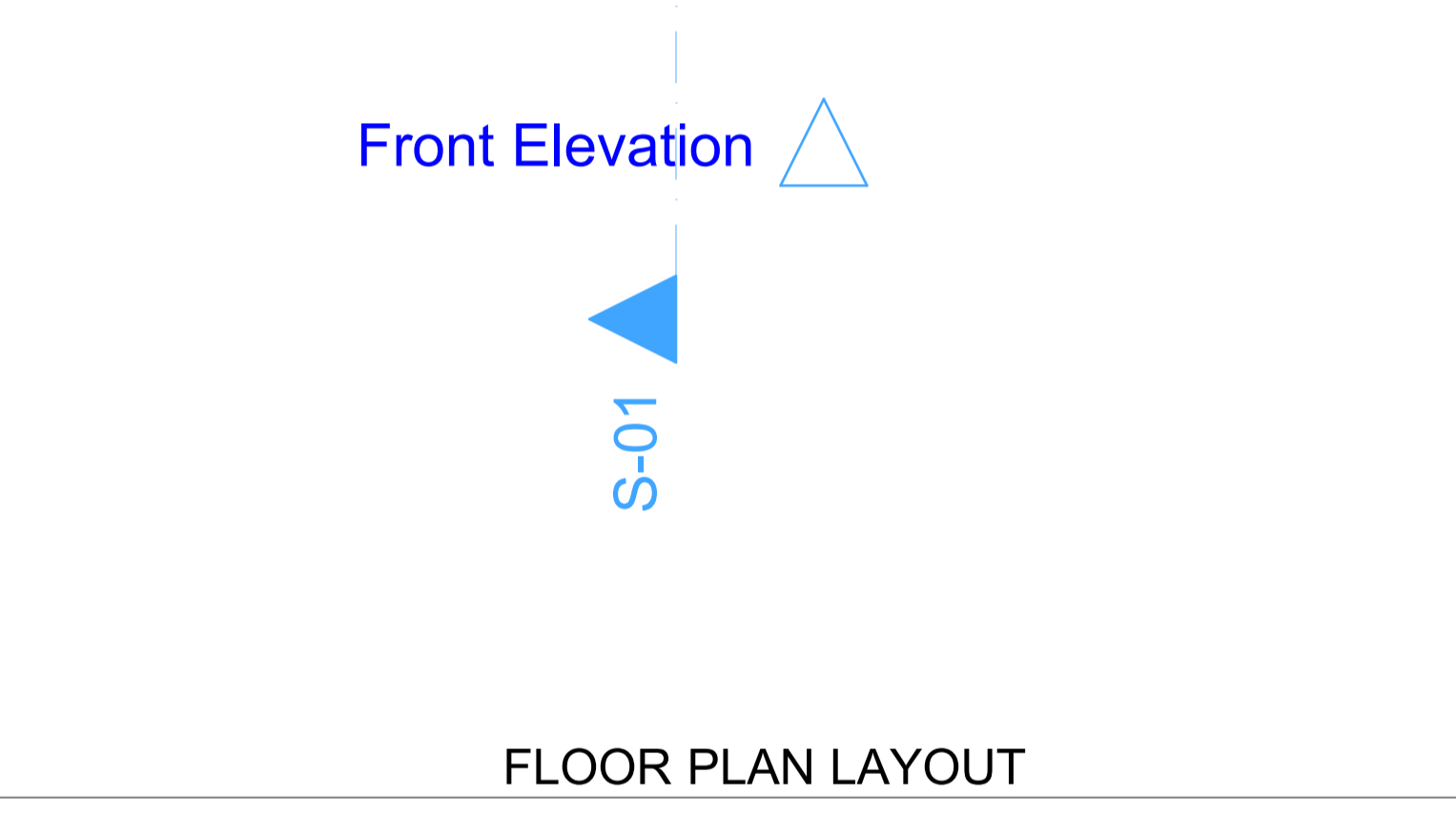
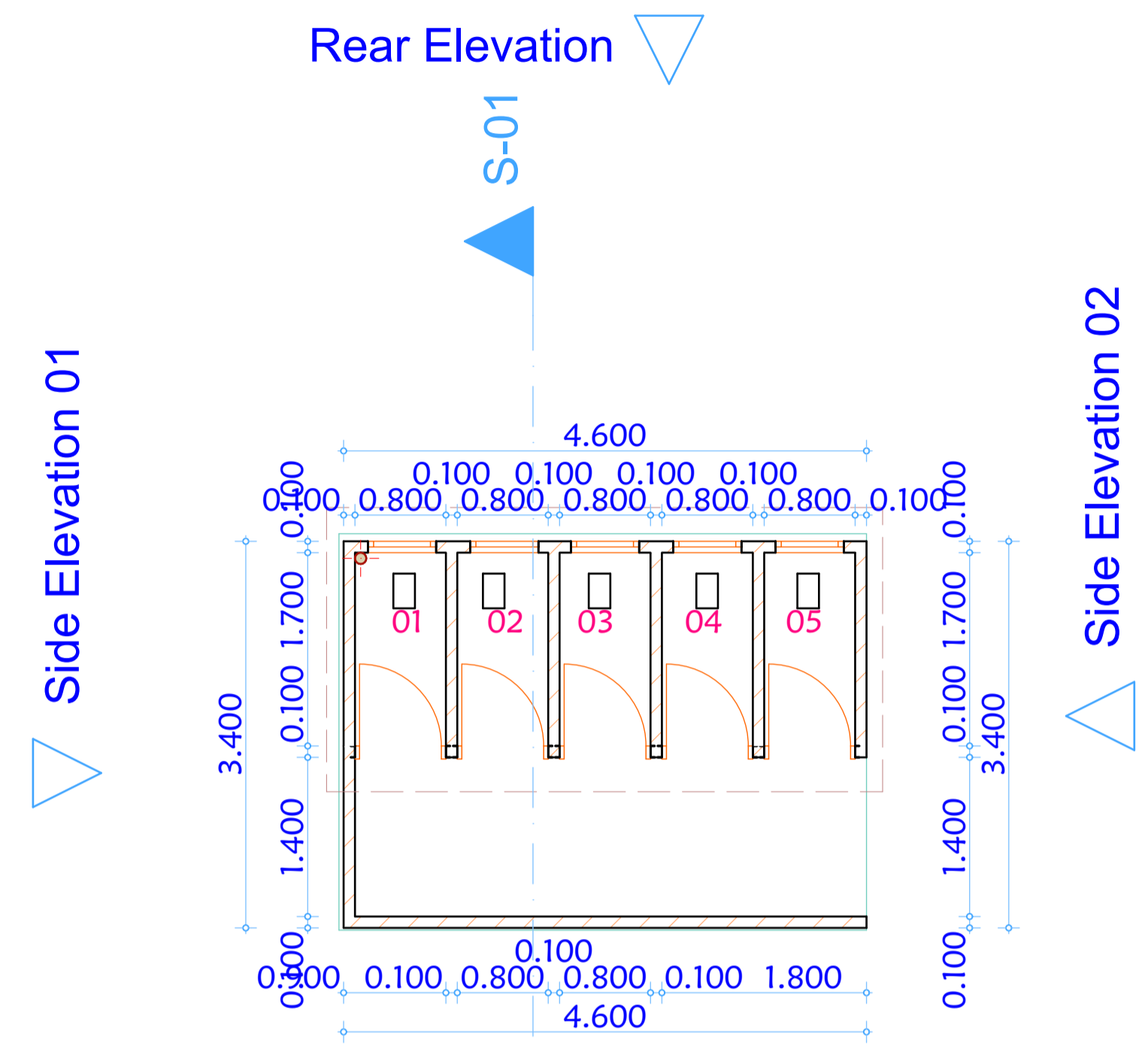
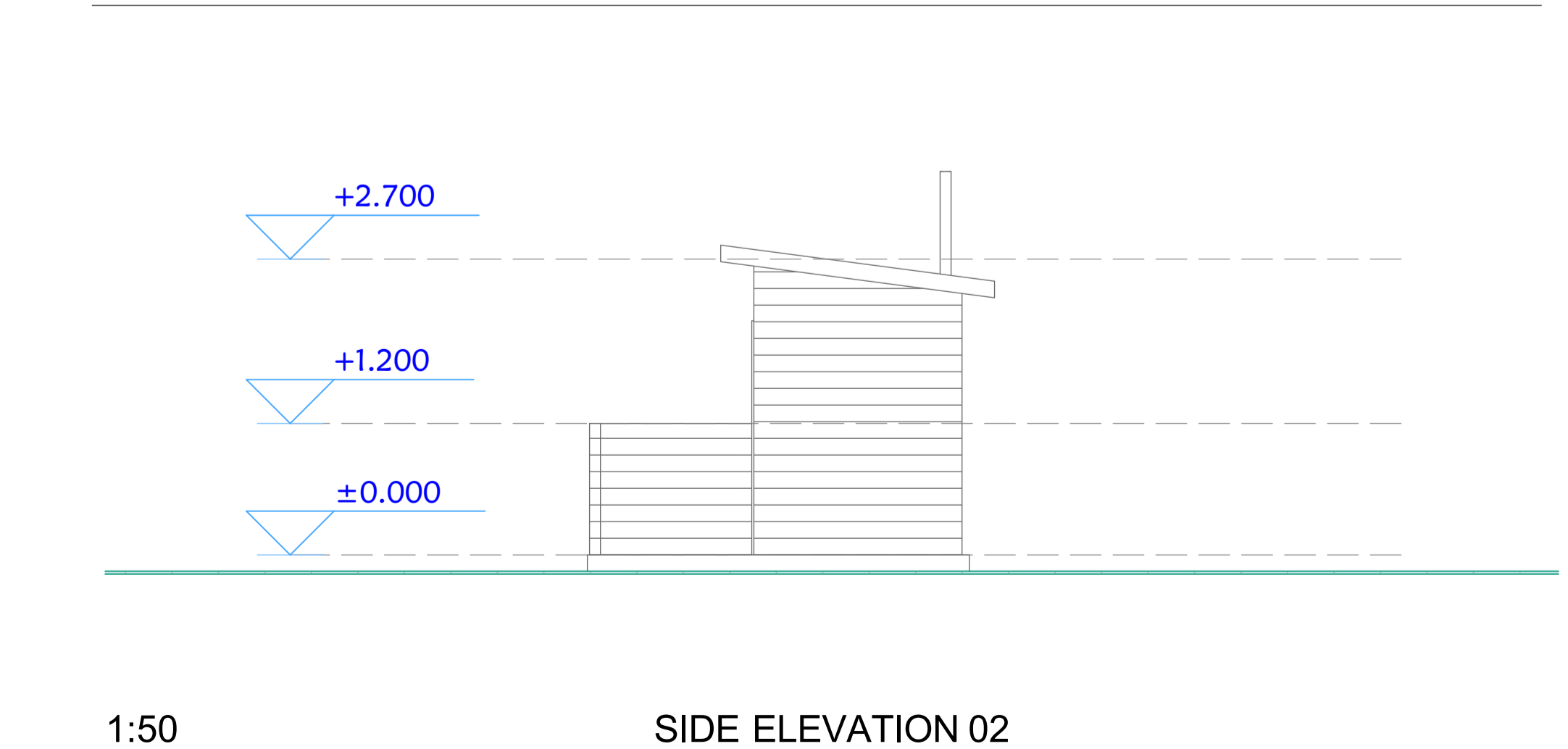
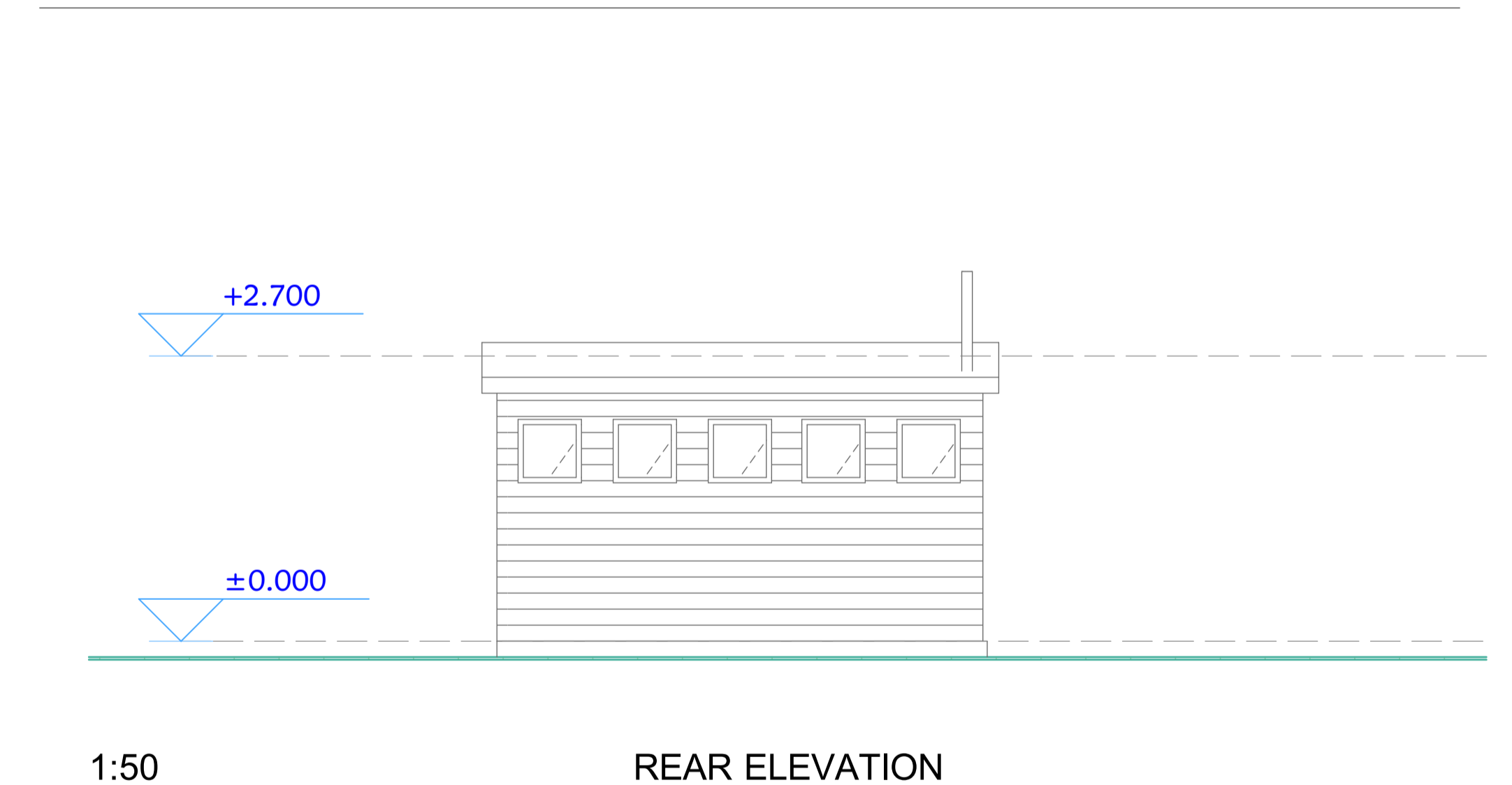
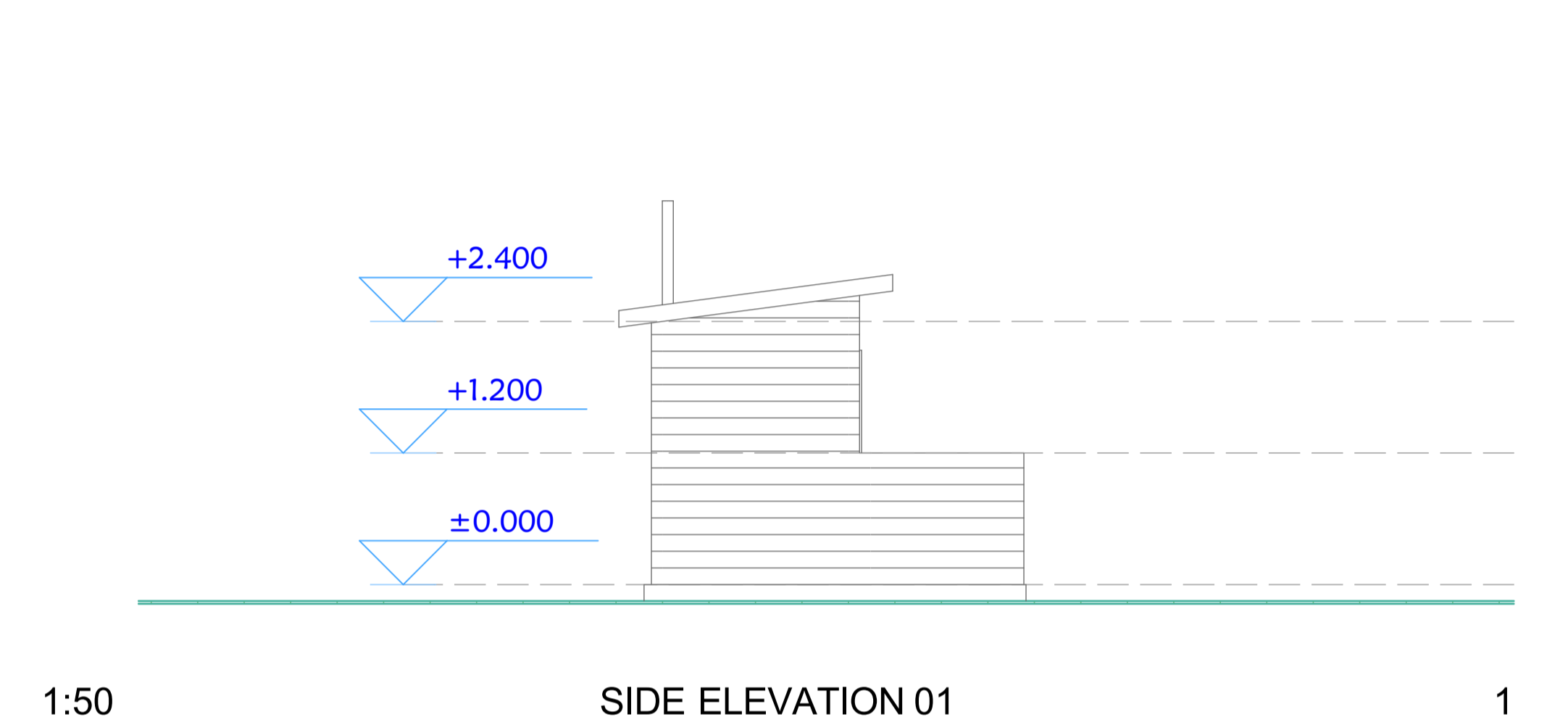
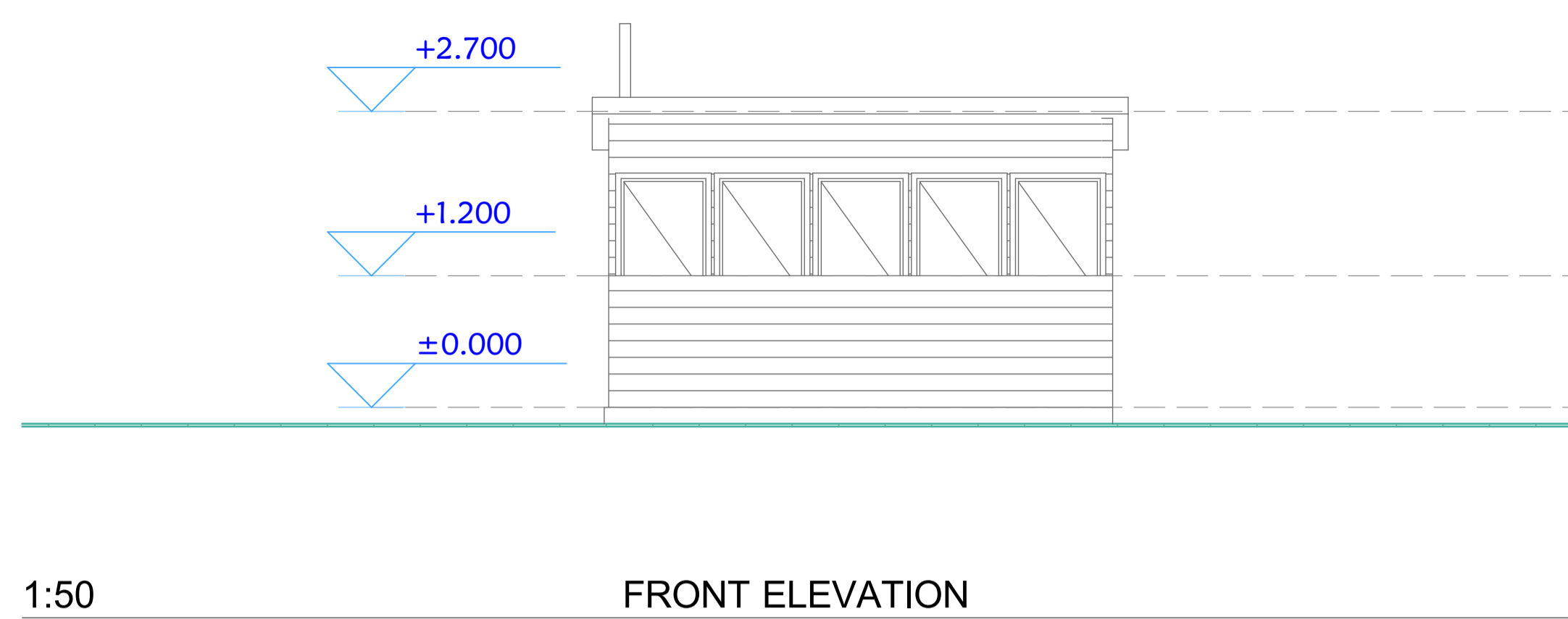
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DEVELOPING PARTNERS:  
**HFBK /BMZ/KISUMU COUNTY GOVERNMENT**

PROJECT TITLE:  
**PROPOSED VIP LATRINE BLOCKS AT DISH AND NYOMWARO IMARY SCHOOL, KOCHOGO SOUTH, KISUMU COUNTY**

DRAWING TITLE:  
**WORKING DRAWINGS**

Date: 18th October 2022      Scale: As shown  
Designed by: C.M.      Drawn by: C.M.



**ROOF WORK DETAILS**  
7.5° degree roof pitch of 28 gauge box profile roofing on 50x50mm battens on 500g polythene sheet 100x50mm Rafter 50x50mm Ceiling joist 100x50mm Wall plate 300x25mm Fascia board painted & fitted with moulded plastic gutter to Stru engineer's detail

**SUPER STRUCTURE WORK DETAILS**  
200X100mm fair finished beam to Stru eng details M.S. fabricated windows to schedule Interior doors as flash to schedule 100mm masonry walls painted cream to approval M.s. parallel bar handrails to detail 150mm thick slab to Stru Eng's details

**SUB STRUCTURE WORK DETAILS**  
150mm thick oversite concrete

PIT

S-01



**Proposed VIP Gents Latrine Blocks**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>RATE (Ksh)</b>	<b>AMOUNT (Ksh)</b>
	<b><u>SUBSTRUCTURE WORKS (ALL PROVISIONAL)</u></b>				
	<u>Excavations</u>				
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B	Excavation to reduced level commencing from ground level 300mm deep and not exceeding 1500mm	20	SM		
C	Latrine pit excavation measuring 4.9m*2.6m*4m deep commencing from reduced level	51	CM		
D	Excavate for strip foundations not exceeding 1500 mm deep commencing from reduced level	6	CM		
E	Extra over all excavations and earthworks for breaking up rock where encountered	1	CM		
F	Plank and strut to uphold sides of excavations: keep excavations free from all fallen material	1	Item		
G	Keep excavations free from ground and surface water	1	Item		
H	Load and cart away surplus excavated material from site	60	CM		
I	Return, fill and ram excavated material around	8	CM		
	<b>TOTAL PAGE 1 CARRIED TO COLLECTION</b>				

**Proposed VIP Gents Latrine Blocks**

	<u>Insitu reinforced concrete class 20/20: vibrated: in</u>				
A	Strip foundation	3	CM		
	<u>Approved Natural Stonework; roughly squared; bedded in cement and sand mortar (1:4); 25mm wide x 20 Gauge hoop iron strapping every alternate courses</u>				
B	200mm thick walls around the latrine pit	68	SM		
	<u>200mmx300mm ring beam with 4Y12 reinforcement bars at mid-height on pit wall. Insitu reinforced concrete class 20/20 vibrated as described in:</u>				
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D	150mm thick floor slab	17	SM		
E	200mm*400mm RC beams (at ground slab)	1	CM		
	<u>Sawn formwork to:-</u>				
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H	Soffittes of slab	12	SM		
I	Edges: slabs over 75 but not exceeding 150 mm girth	17	LM		
	<u>High tensile square twisted steel bars to B.S. 4441</u>				
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O	100mm thick walls (superstructure)	36	SM		
<b>TOTAL PAGE 2 CARRIED TO COLLECTION</b>					

**Proposed VIP Gents Latrine Blocks**

A	<u>Render to plinth Finishes</u> 12mm thick cement/ sand render	5	SM		
B	<u>Paintwork</u> Prepare and apply three coats of black bituminous paint to plinth render	5	SM		
<b><u>REINFORCED CONCRETE (R.C) WORKS</u></b>					
<u>Insitu reinforced concrete class 20/20: vibrated: in</u>					
C	Ring beams	1	CM		
<u>High tensile, square twisted bar reinforcement to BS 4461</u>					
D	8mm dia bars	25	Kgs		
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<u>Sawn formwork as described to:-</u>					
F	Sides of ring beam	12	SM		
<u>Damp proof course</u>					
G	150mm wide "Pluvex" or other equal and approved dumproof course laid and bedded in and including cement and sand mortar (1:4)	10	LM		
<b><u>ROOF STRUCTURE</u></b>					
<u>All in sawn cypress: second grade: clean: treated with approved wood preservative: including jointing and connections as necessary</u>					
<b><u>The following in Roof Support</u></b>					
H	100 x 50mm rafters	18	LM		
I	150 x 25mm fascia board	14	LM		
J	75 x 50mm Ditto; Wall plate: fixed to concrete or masonry with approved bolts at 1000 mm centres	10	LM		
K	G28 IT5 roofing sheets fixed to timber purlins with approved nails	12	SM		
<b>TOTAL PAGE 3 CARRIED TO COLLECTION</b>					

**Proposed VIP Gents Latrine Blocks**

<b><u>WINDOWS</u></b>				
<b><u>Casements</u></b>				
<u>Steel casement windows purpose made primed steel complete in opening and fixed lights complete with fasteners and stays; steel lugs built into stone work to client's approval</u>				
N	Window size 600 x 600 mm high	4	No.	
<b><u>Glazing</u></b>				
O	4 mm thick clear sheet glass and glazing to metal with metallic putty in different panes	2	SM	
<b>TOTAL PAGE 4 CARRIED TO COLLECTION</b>				

**Proposed VIP Gents Latrine Blocks**

	<u>Painting</u>			
A	Prepare and apply three coats of gloss oil paint to metal surfaces of windows; internally	2	SM	
B	Ditto; externally	2	SM	
	<b><u>DOORS</u></b>			
	<u>Metal Door:</u>			
	<u>Supply and fix mild steel door complete with frames, stiles, rails and hinges; Locking accessories; one coat of red oxide primer before fixing:-</u>			
C	50mm thick single leaf door size 800 x 2100 mm high	4	No.	
	<u>Ironmongery</u>			
D	38mm rubber door stops as described	4	No.	
	<u>Painting</u>			
E	Prepare and apply three coats of gloss oil to metal surfaces	13	SM	
	<b><u>WALL FINISHES</u></b>			
	<u>EXTERNAL</u>			
	<u>Key pointing</u>			
F	Extra over walling for horizontal recessed and flush vertical key pointed joints in cement and sand (1:4) mortar.	26	SM	
	<u>19mm thick render as described to:</u>			
G	Ring beam masonry work	4	SM	
	<u>Paintwork</u>			
H	Prepare and apply three coats external plastic emulsion paint to ring beam	4	SM	
	<u>INTERNAL</u>			
	<u>Gauged plaster 1:1:9 as described to:</u>			
I	Walls and concrete surfaces internally (walls and ring beam)	55	SM	
	<u>Paintwork</u>			
J	Prepare and apply three coats plastic emulsion paint to plastered surfaces.	55	SM	
K	Supply and fix 100mm diam vent pipe	3	M	
<b>TOTAL PAGE 5 CARRIED TO COLLECTION</b>				

**Proposed VIP Gents Latrine Blocks**

	<b><u>FLOOR FINISHES: Internal Finishes</u></b>				
	<u>Steel trowelled cement and sand screed (1:4) in:</u>				
A	32mm thick Coloured screed smooth finish	13	SM		
B	Connection of urinal unit including complete drainage	1	Unit		
	<b>TOTAL PAGE 6 CARRIED TO COLLECTION</b>				
	<b>SUMMARY OF BUILDERS WORK</b>				
1	PAGE 1 COLLECTION				
2	PAGE 2 COLLECTION				
3	PAGE 3 COLLECTION				
4	PAGE 4 COLLECTION				
5	PAGE 5 COLLECTION				
6	PAGE 6 COLLECTION FROM ABOVE				
	<b>TOTAL COST ESTIMATE FOR ONE LATRINES</b>				
	<b>GRAND TOTAL COST FOR TWO LATRINES BLOCKS</b>				

NOTES:

**GENERAL**

- 1.All dimensions are in mm unless otherwise specified.
- 2.Dimensions to be read, not scaled.Only figured dimensions to be used.
- 3.Contractor to check and verify all dimensions on site before commencement of any works.

**CONSTRUCTION**

- 1.All slabs at ground level to be poured over 1000 gauge polythene sheeting on 50 mm thick murrum bliding layer which on 300 hardcore fill.
- 2.All soil under slabs and all around external foundations to be treated against termites.

**STRUCTURAL**

- 1.All black cotton soil to be removed from below all building and paved surfaces.
- 2.All soil under slabs and all around external foundations to be treated against termites.
- 3.For all R.C works, refer to structural drawings.
- 4.Depth of foundation to be determined on the site to structural Engineers Approval.

**MECHANICAL**

- 1.All plumbing and drainage to comply with local authority regulations.
- 2.All service ducts to be accessible from all floors .
- 3.SVP denotes soil vent pipe to be provided at the head of the drainage.
- 4.P.V permanent ventilation, to be provided on

- 5.All underground foul and waste drain pipes shall be upvc to comply with Bs 5255.
- 6.All inspection chamber covers and framing shall be cast iron to comply with Bs 497 table 2 grade A.
- 7.The storm drain pipe to comply with Bs 556 minimum slope in the drain pipes in 1%.
- 8.All testing of pipes must be done before plastering.

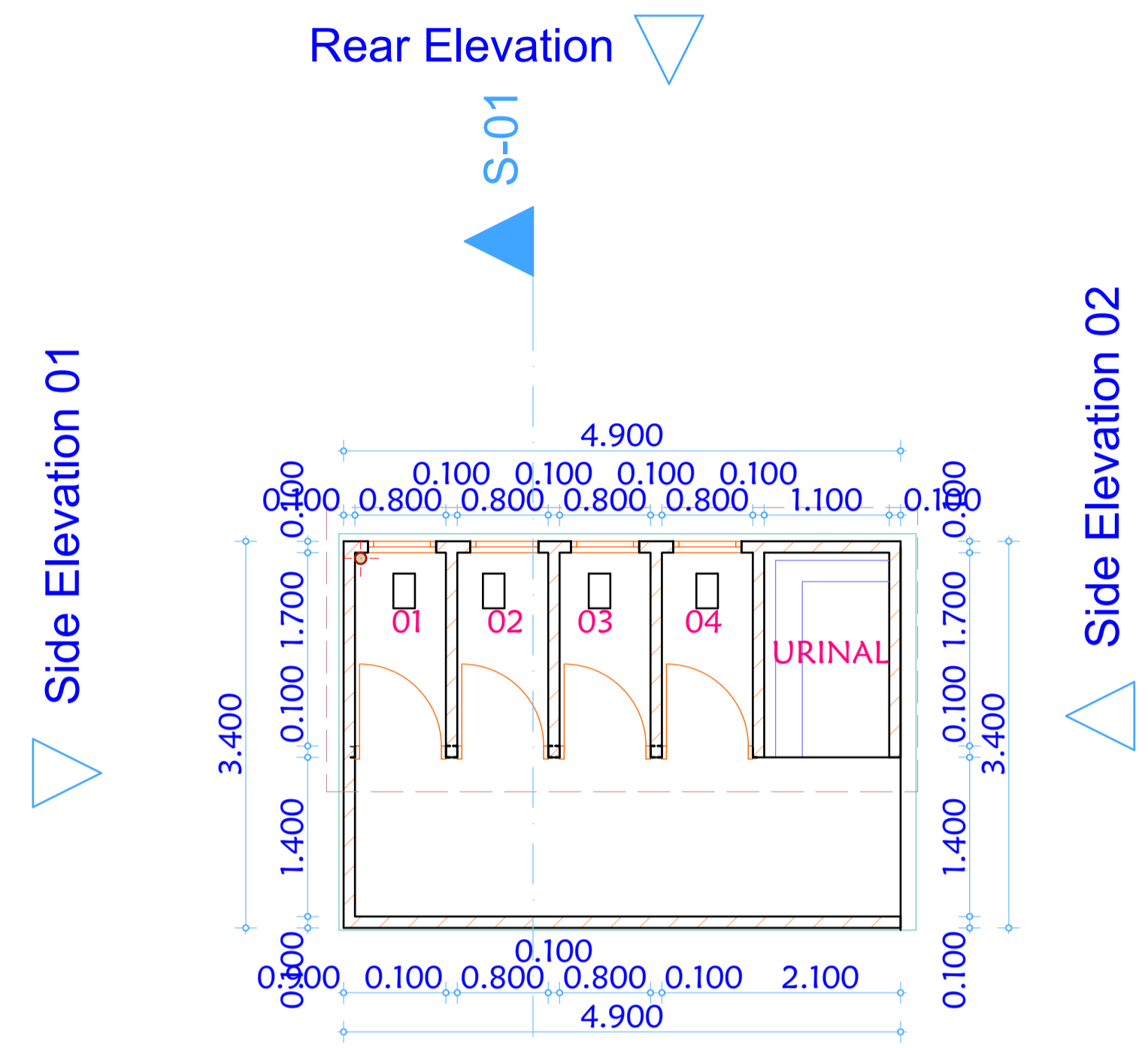
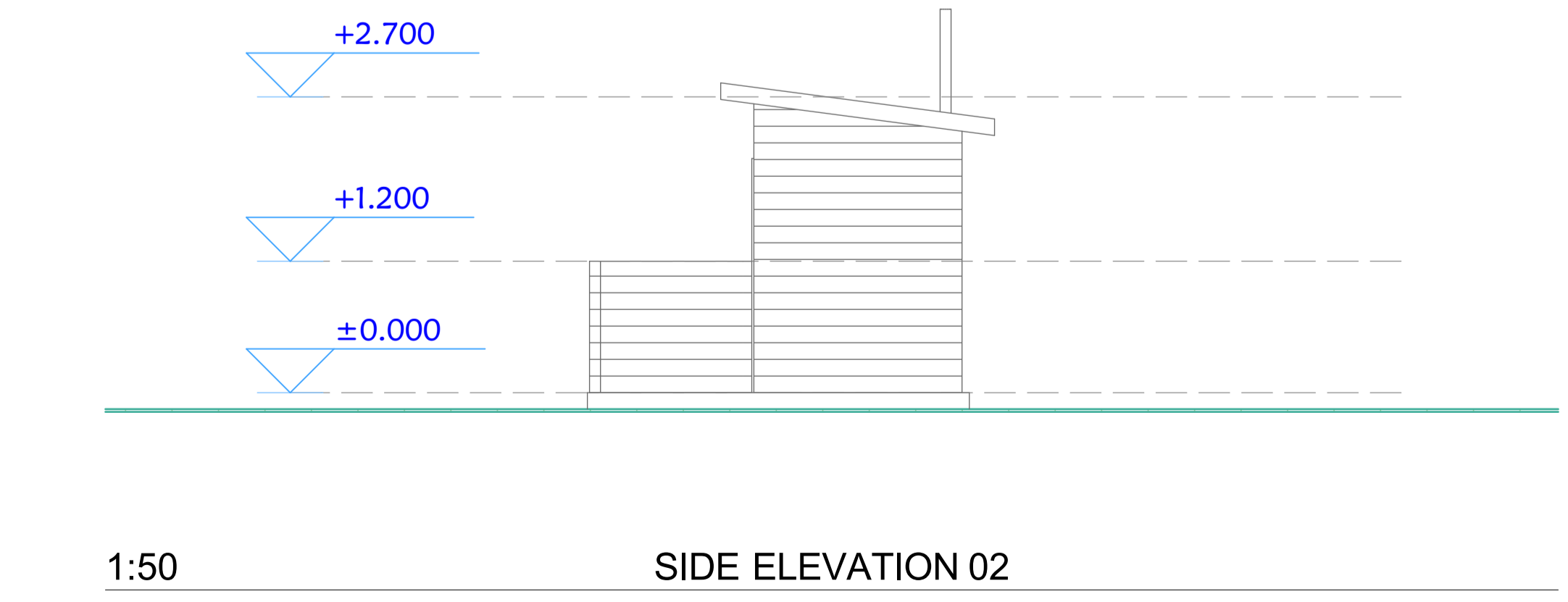
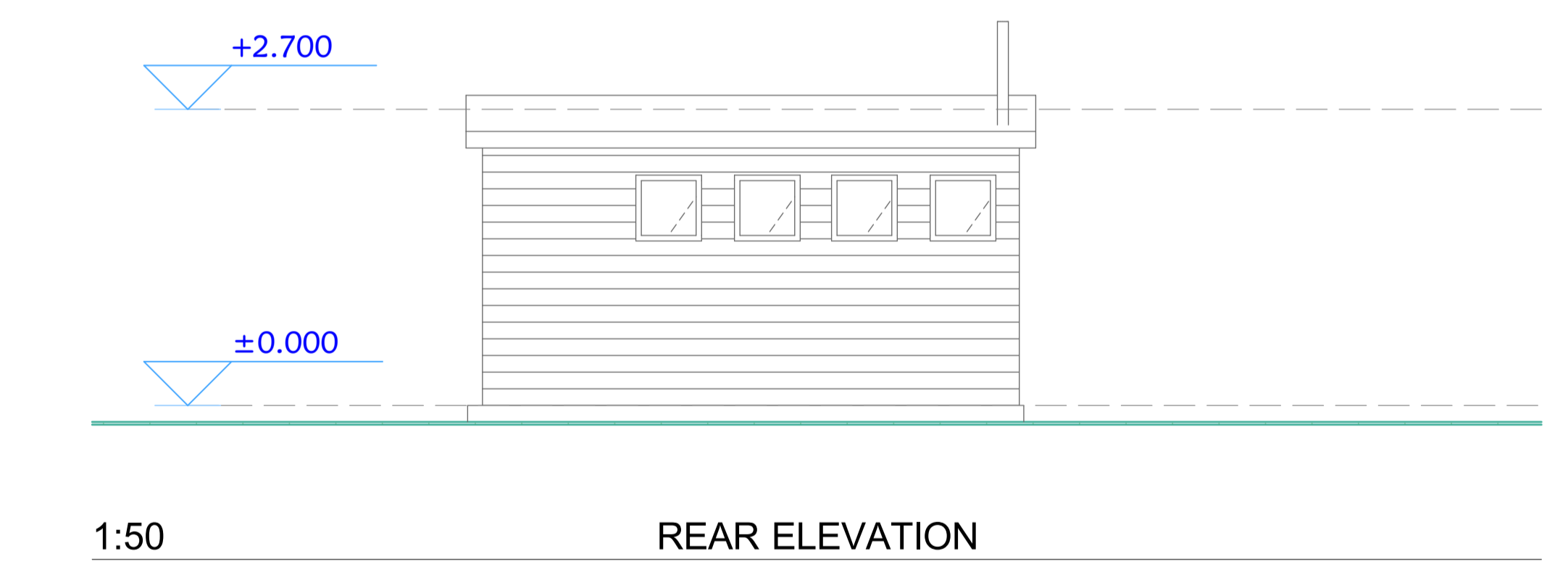
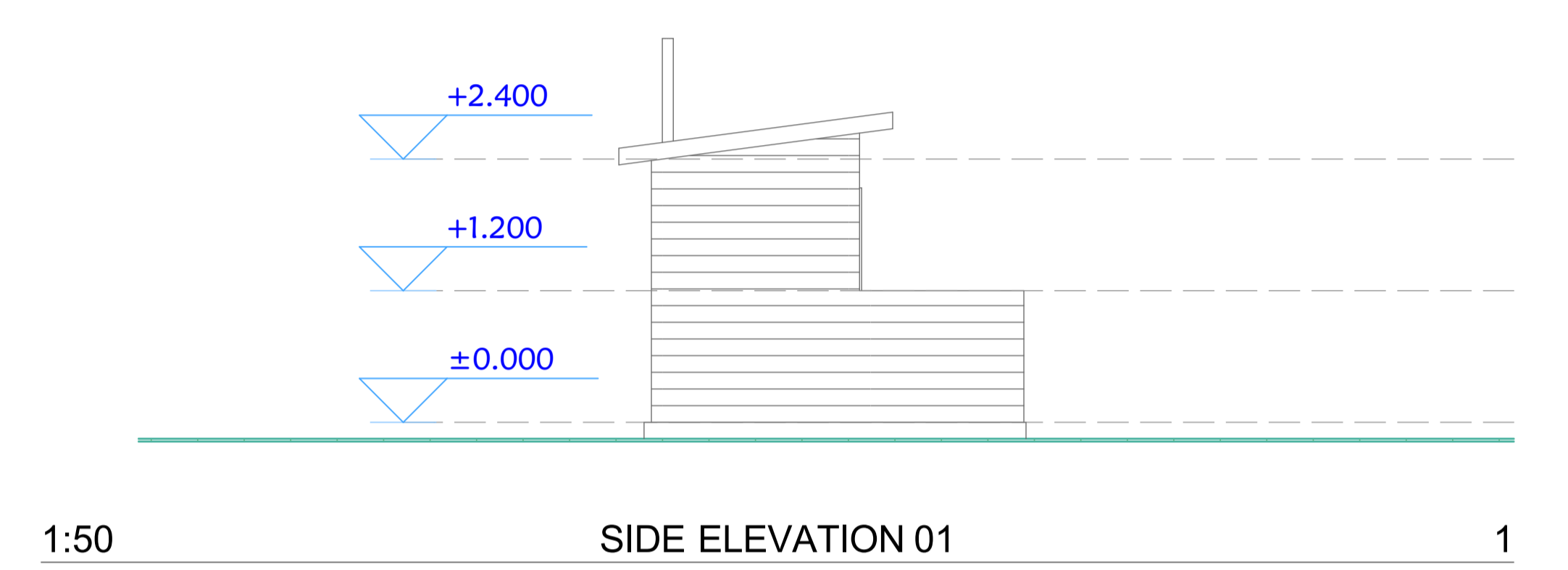
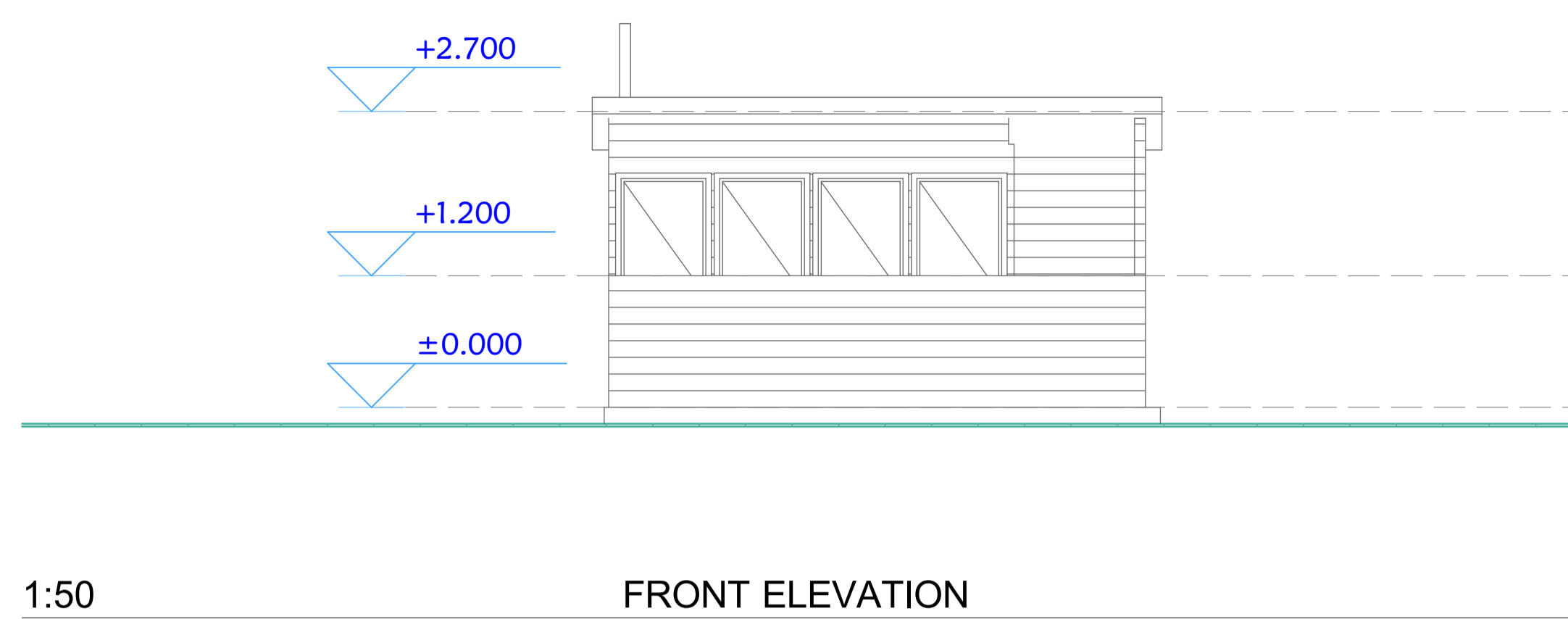
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DEVELOPING PARTNERS:  
**HFBK /BMZ/KISUMU COUNTY GOVERNMENT**

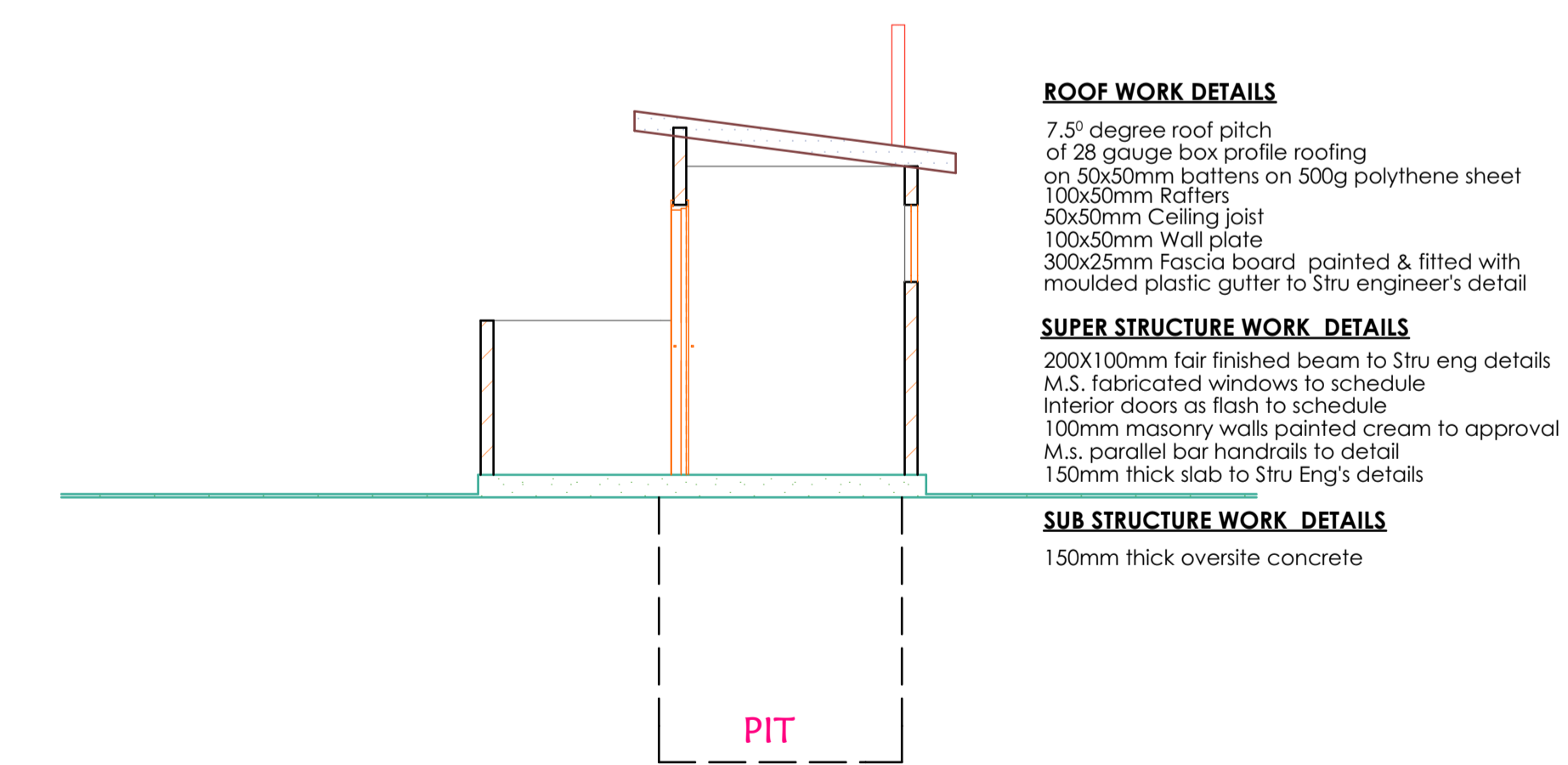
PROJECT TITLE:  
**PROPOSED VIP LATRINE BLOCKS AT DISH AND NYOMWARO IMARY SCHOOL, KOCHOGO SOUTH, KISUMU COUNTY**

DRAWING TITLE:  
**WORKING DRAWINGS**

Date: 18th October 2022      Scale: As shown  
 Designed by: C.M.      Drawn by: C.M.



1:50 FLOOR PLAN LAYOUT 0.



1:50 SECTIONAL ELEVATION S1 S-01

**ROOF WORK DETAILS**  
 7.5° degree roof pitch  
 of 28 gauge box profile roofing  
 on 50x50mm battens on 500g polythene sheet  
 100x50mm Rafter  
 50x50mm Ceiling joist  
 100x50mm Wall plate  
 300x25mm Fascia board painted & fitted with  
 moulded plastic gutter to Stru engineer's detail

**SUPER STRUCTURE WORK DETAILS**  
 200X100mm fair finished beam to Stru eng details  
 M.S. fabricated windows to schedule  
 Interior doors as flash to schedule  
 100mm masonry walls painted cream to approval  
 M.s. parallel bar handrails to detail  
 150mm thick slab to Stru Eng's details

**SUB STRUCTURE WORK DETAILS**  
 150mm thick oversite concrete

PIT