

ARCHITECTURAL DESIGNS AND DRAWINGS.

PROJECT

**PROPOSED CONSTRUCTION OF GARBAHAREY
SECONDARY SCHOOL IN GEDO-JUBALAND,
-SOMALIA-**

NOVEMBER-2021

DRAWING INDEX

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PROPOSED CONSTRUCTION OF GARBAHAREY SECONDARY SCHOOL IN GEDO -JUBALAND-SOMALIA.

DATE: NOVEMBER- 2021.

Notes

1. All dimensions are to be checked on site. Any discrepancy in dimensions is to be reported to the Engineer before any work commences. The Engineer's drawings and specifications overrule any other. The Structural Engineers detail drawings.

2. All construction work to comply with the international standards codes protection.

3. All walls less than 200mm thick are to be reinforced with hoop iron sheet every alternate course.

4. All reinforced concrete works to be done according to structural detail drawings

No:	Date:	Description:
REVISION		

Client:



THE FEDERAL REPUBLIC OF SOMALIA.

Implemented by:



Project Title: **PROPOSED CONSTRUCTION OF GARBAHAREY SECONDARY SCHOOL, IN GEDO - JUBALAND-SOMALIA .**

Drawing Title:

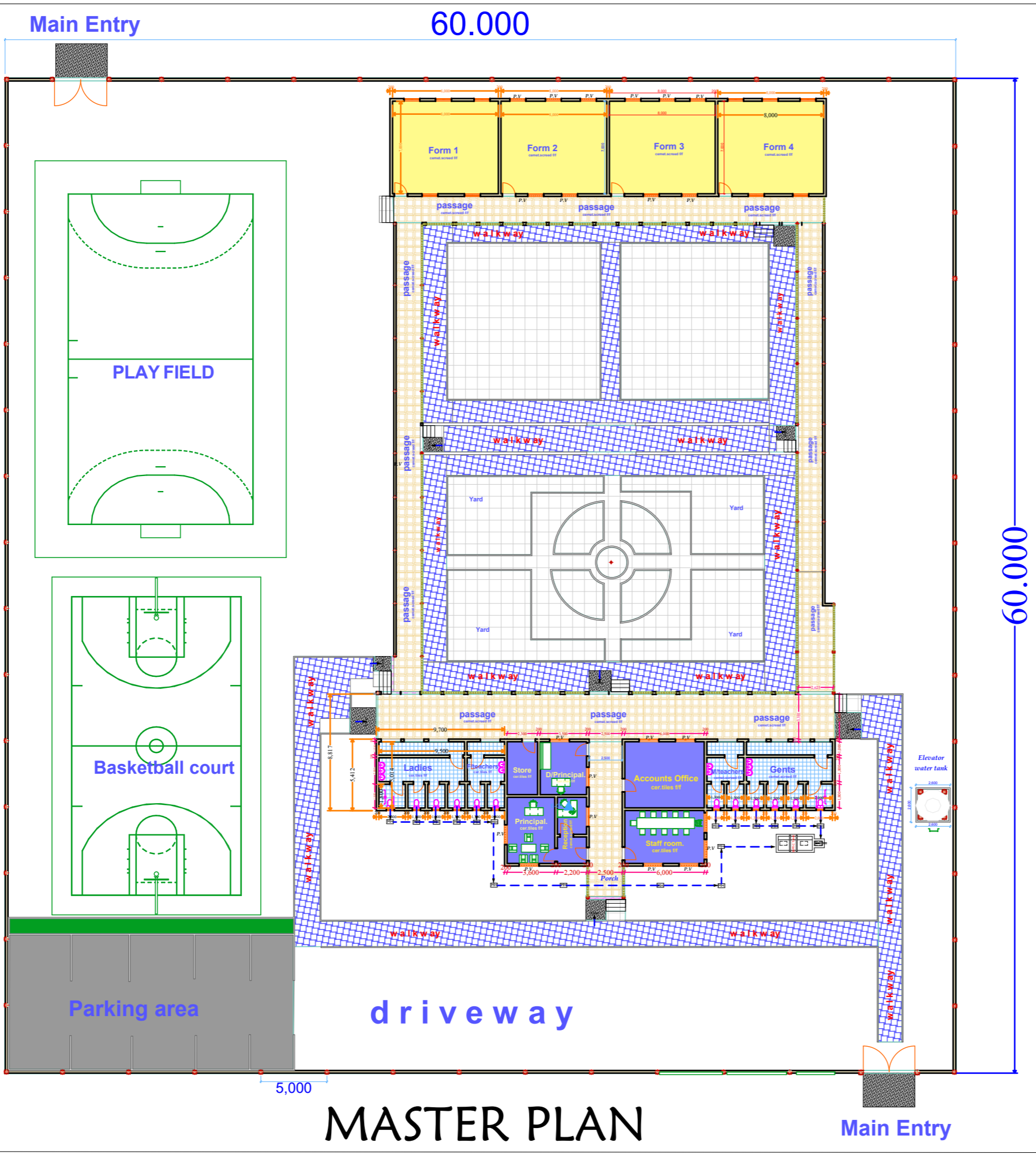
Drawing Index

SCALE:	AS SHOWN
DATE:	November, 2021
DRAWN BY:	Eng. Abdirazak Dahir.
REVIEWED BY:	

Sheet No.

02/32

A3



MASTER PLAN

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REVISION		



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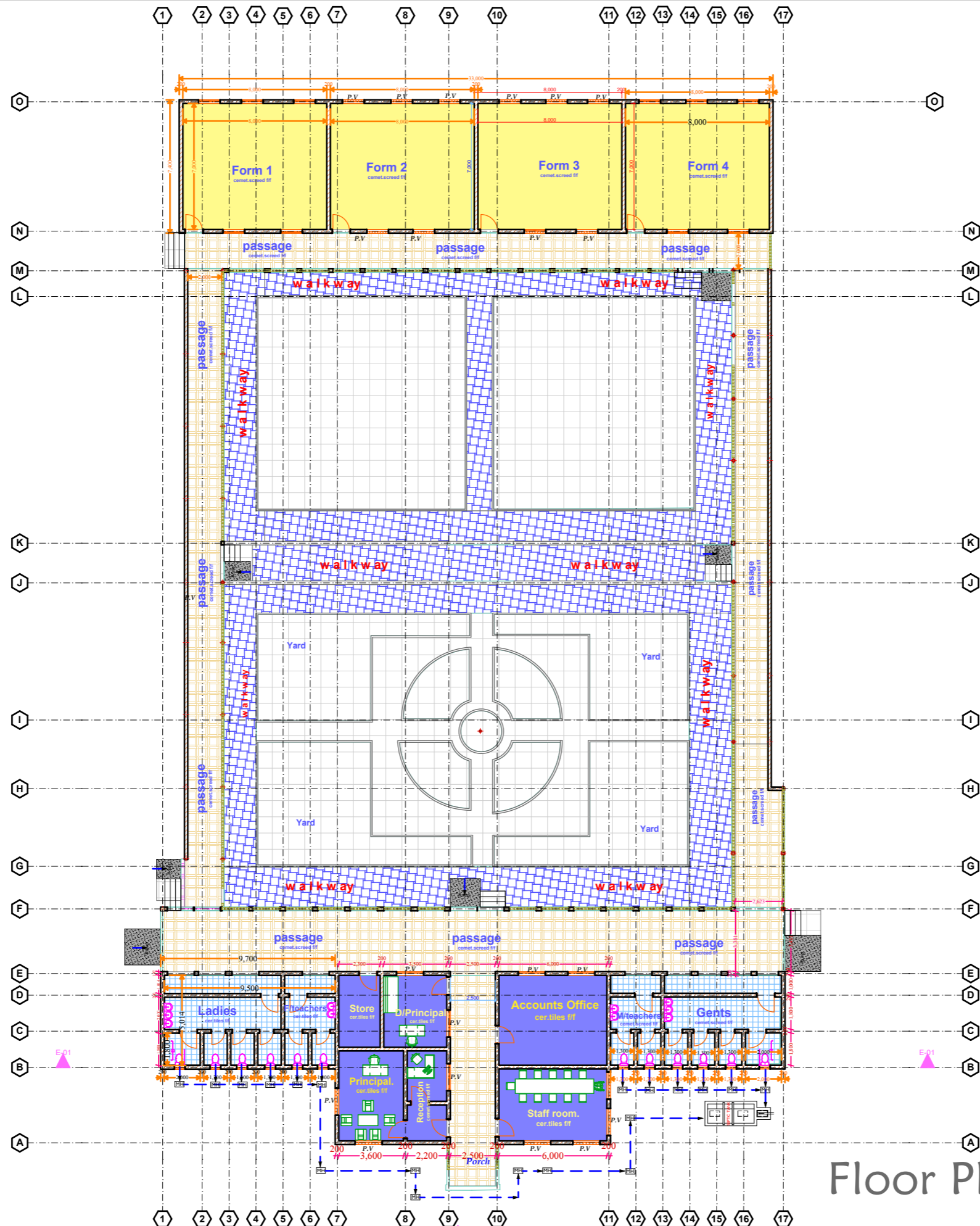
Project Title: **PROPOSED CONSTRUCTION OF GARBAHAREY SECONDARY SCHOOL, IN GEDO - JUBALAND-SOMALIA .**

Drawing Title: **MASTER PLAN**

SCALE:	AS SHOWN
DATE:	November, 2021
DRAWN BY:	Eng. Abdirazak Dahir.
REVIEWED BY:	

Sheet No. **04/32**

A3



Floor Plan

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Implemented by:



Project Title: **PROPOSED CONSTRUCTION OF GARBHAREY SECONDARY SCHOOL, IN GEDO - JUBALAND-SOMALIA .**

Drawing Title:
FLOOR PLAN

SCALE:	AS SHOWN
DATE:	November, 2021
DRAWN BY:	Eng. Abdirazak Dahir.
REVIEWED BY:	

Sheet No.
05/32

Notes

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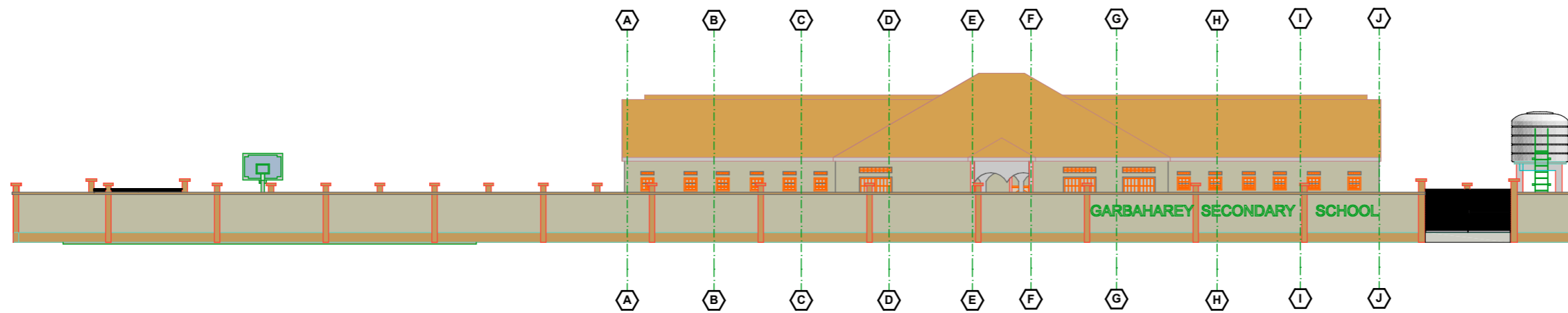
Drawing Title: **ELEVATIONS**

SCALE:	AS SHOWN
DATE:	November, 2021
DRAWN BY:	Eng. Abdirazak Dahir.
REVIEWED BY:	

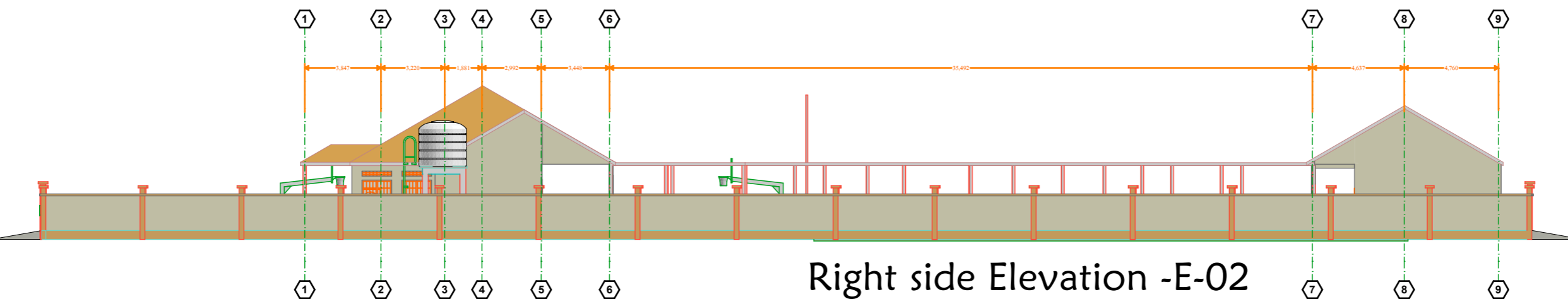
Sheet No.

06/32

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Front Elevation- E-01



Right side Elevation -E-02

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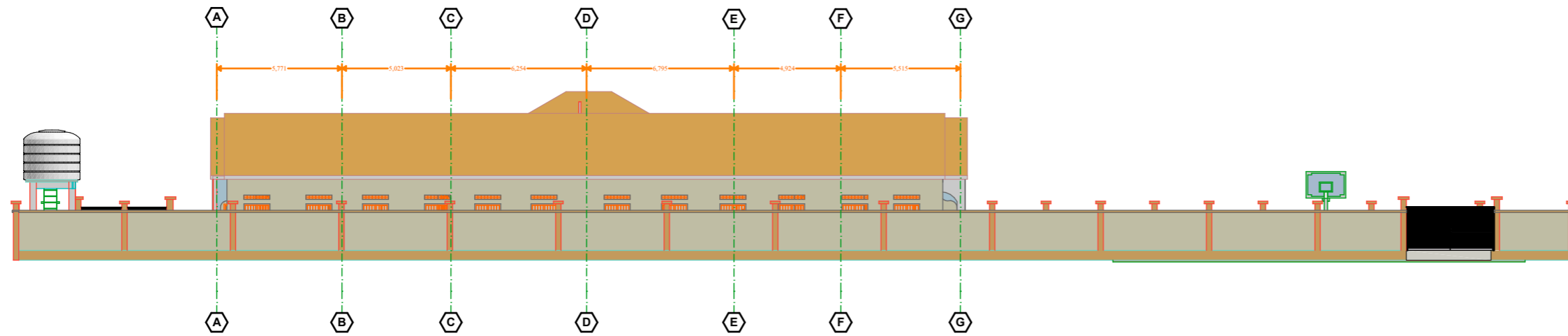


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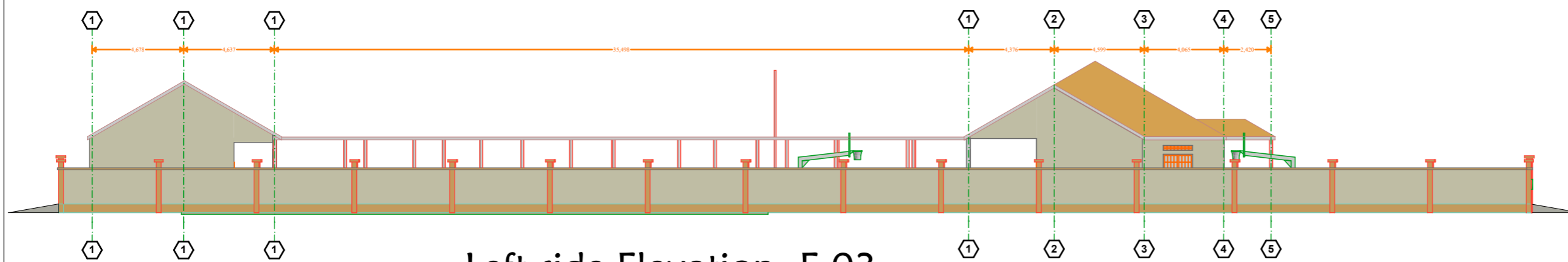
Drawing Title: **ELEVATIONS**

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DATE:	November, 2021
DRAWN BY:	Eng. Abdirazak Dahir.
REVIEWED BY:	

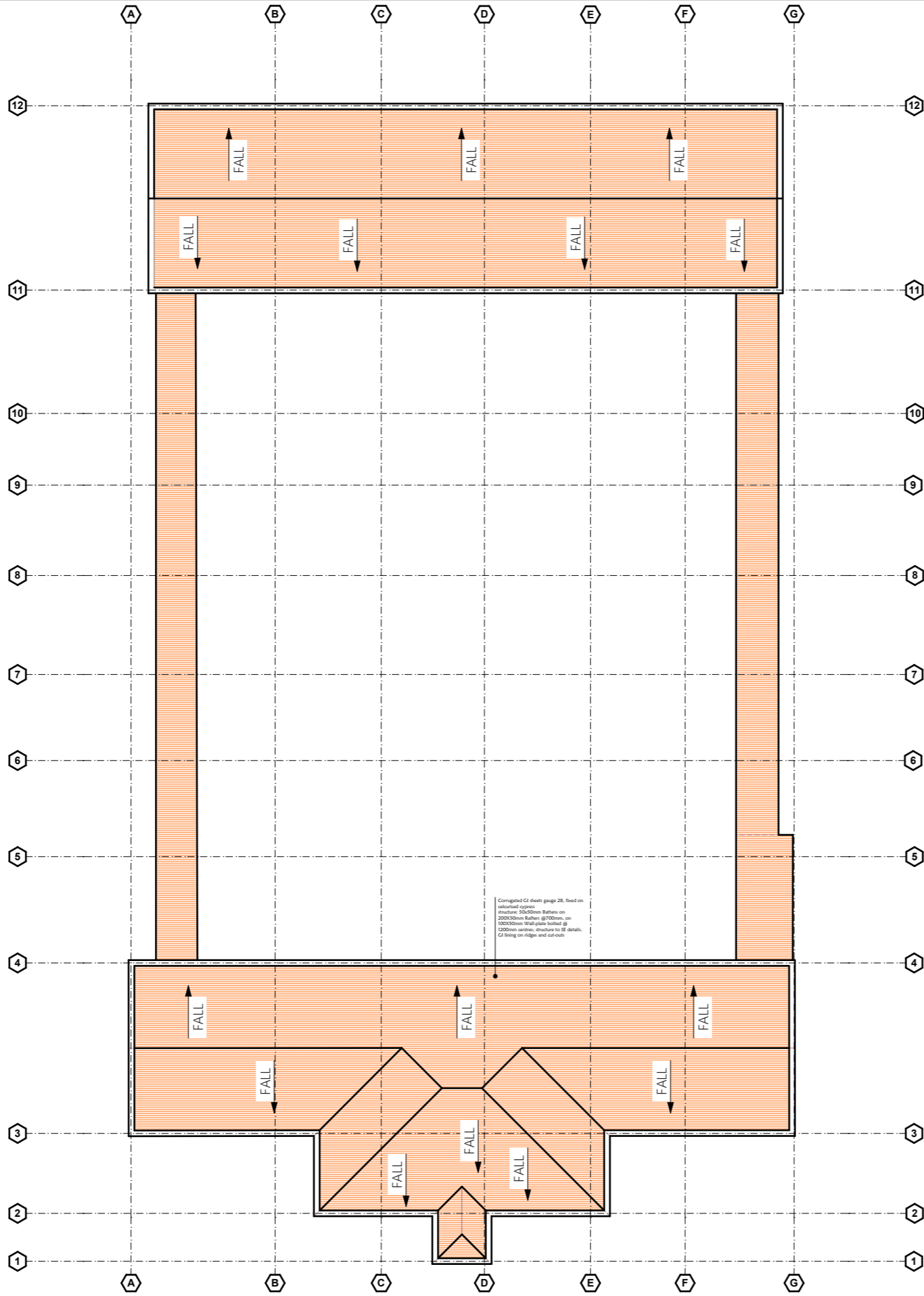
Sheet No.
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A3



Rear Elevation- E-04



Left side Elevation- E-03



ROOF PLAN

Notes

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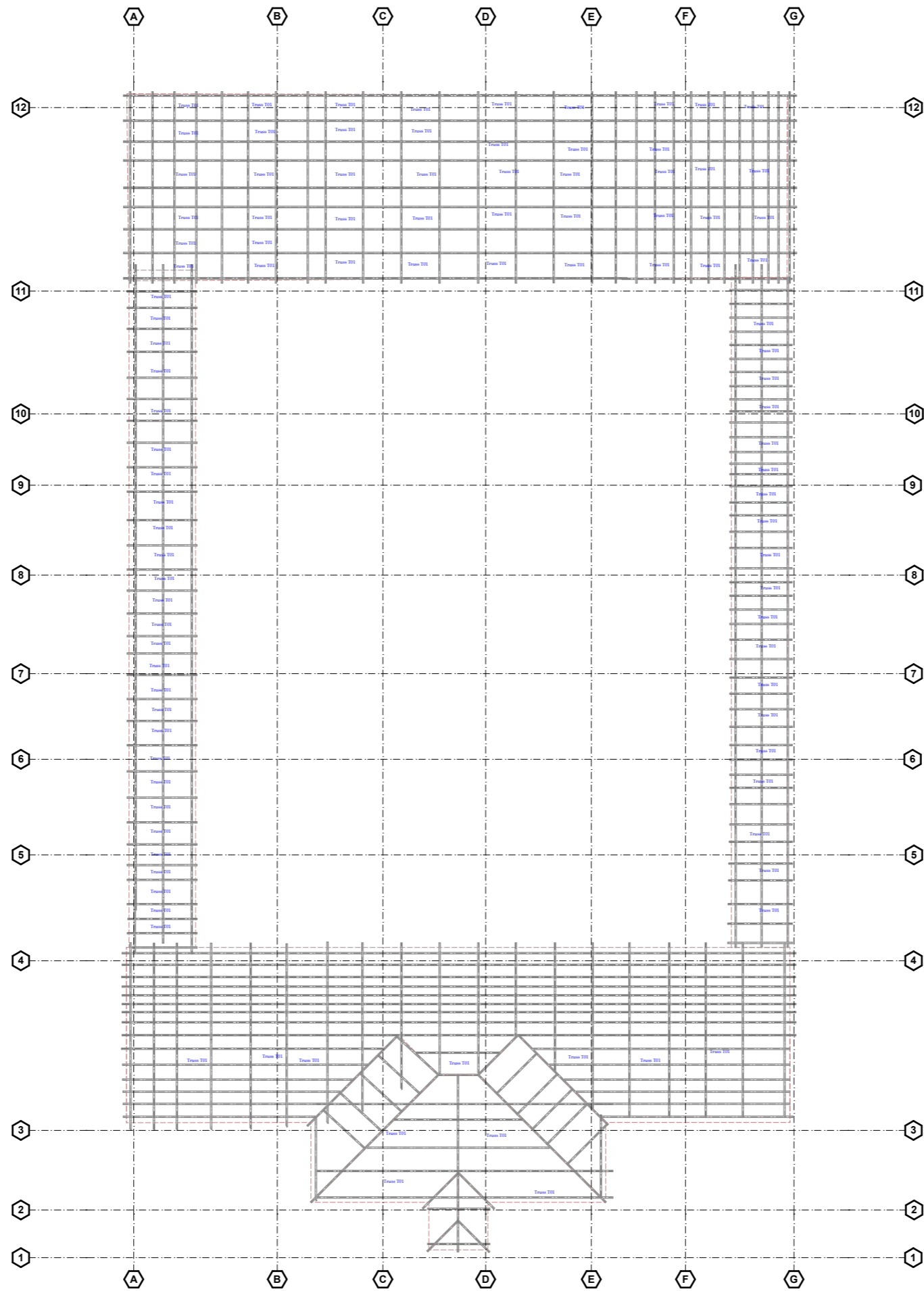


Project Title: **PROPOSED CONSTRUCTION OF GARBAHAREY SECONDARY SCHOOL, IN GEDO - JUBALAND-SOMALIA .**

Drawing Title:
ROOF PLAN

SCALE:	AS SHOWN
DATE:	November, 2021
DRAWN BY:	Eng. Abdirazak Dahir.
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Sheet No.
09/32



TRUSS LAYOUT

Notes

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Client:



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Drawing Title: **TRUSS LAYOUT**

SCALE:	AS SHOWN
DATE:	November, 2021
DRAWN BY:	Eng. Abdirazak Dahir.
REVIEWED BY:	

Sheet No.
10/32
A3

Notes

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Implemented by:



Project Title: **PROPOSED CONSTRUCTION OF GARBAHAREY SECONDARY SCHOOL, IN GEDO - JUBALAND-SOMALIA.**

Drawing Title:

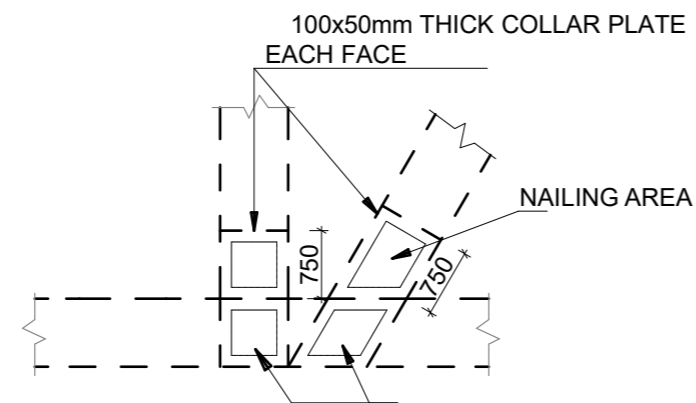
TRUSS DETAIL

SCALE:	AS SHOWN
DATE:	November, 2021
DRAWN BY:	Eng. Abdirazak Dahir.
REVIEWED BY:	

Sheet No.

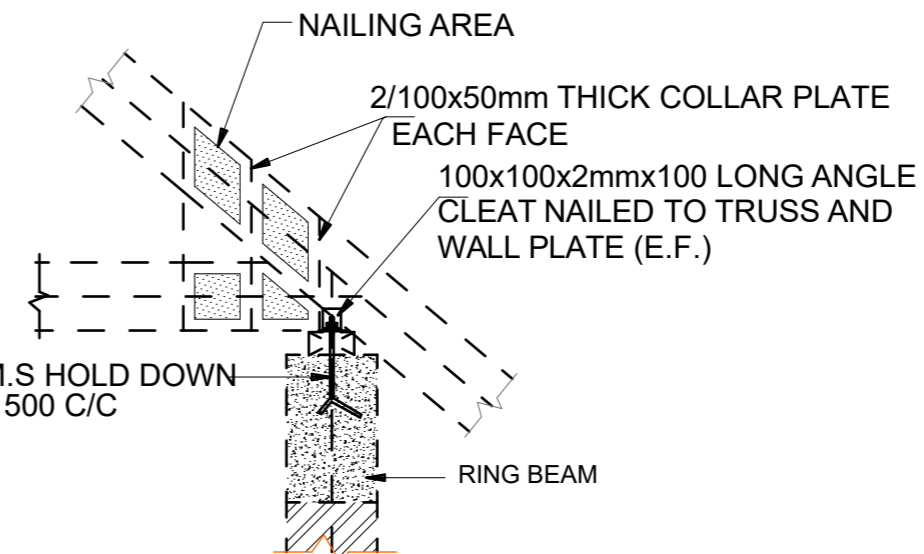
11/32

A3



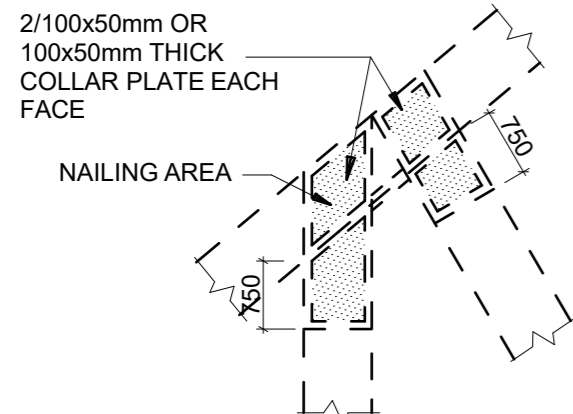
DETAIL 'C'

(SCALE 1:20)



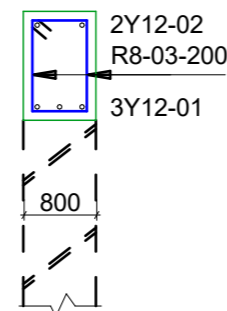
DETAIL 'B'

(SCALE 1:20)



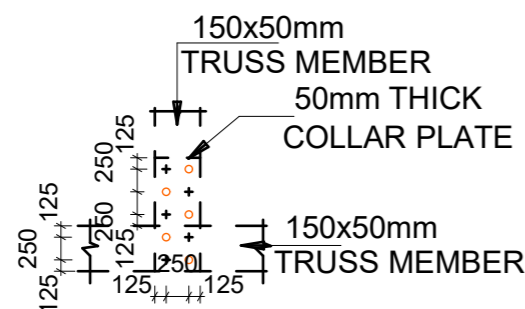
DETAIL 'A'

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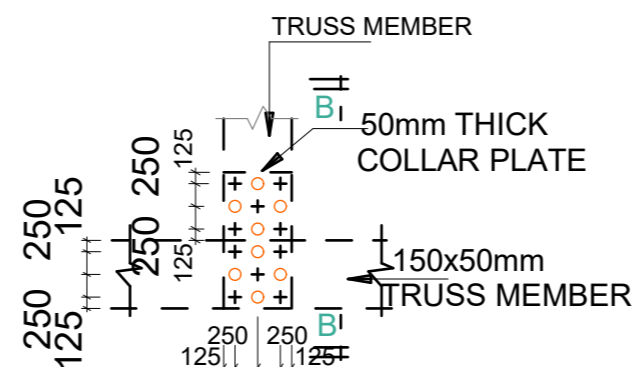
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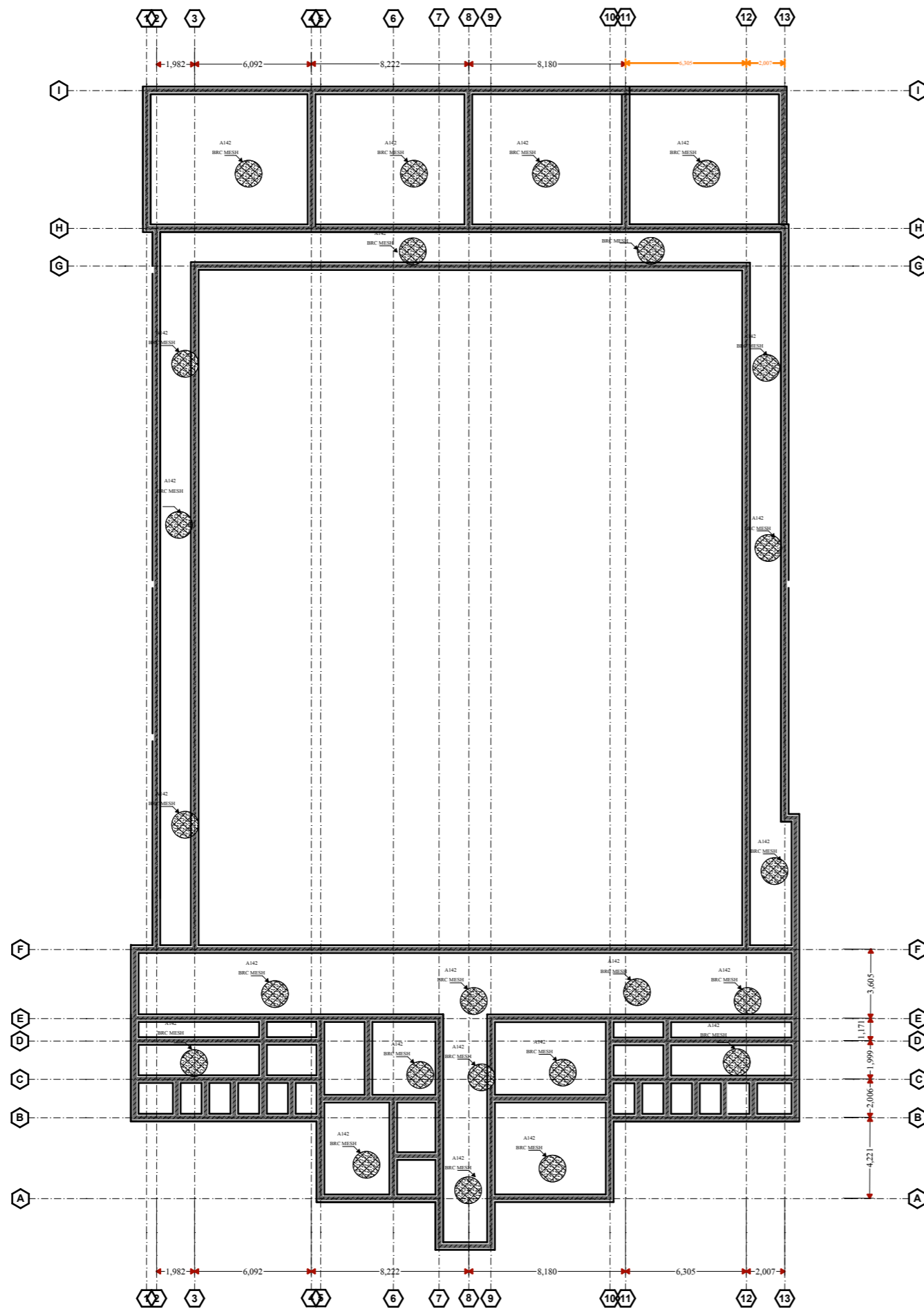
(SCALE 1:25)



TYPICAL NAILING PATTERN

(SCALE 1:20)





FOUNDATION PLAN

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Project Title: **PROPOSED CONSTRUCTION OF GARBAHAREY SECONDARY SCHOOL, IN GEDO - JUBALAND-SOMALIA .**

Drawing Title:

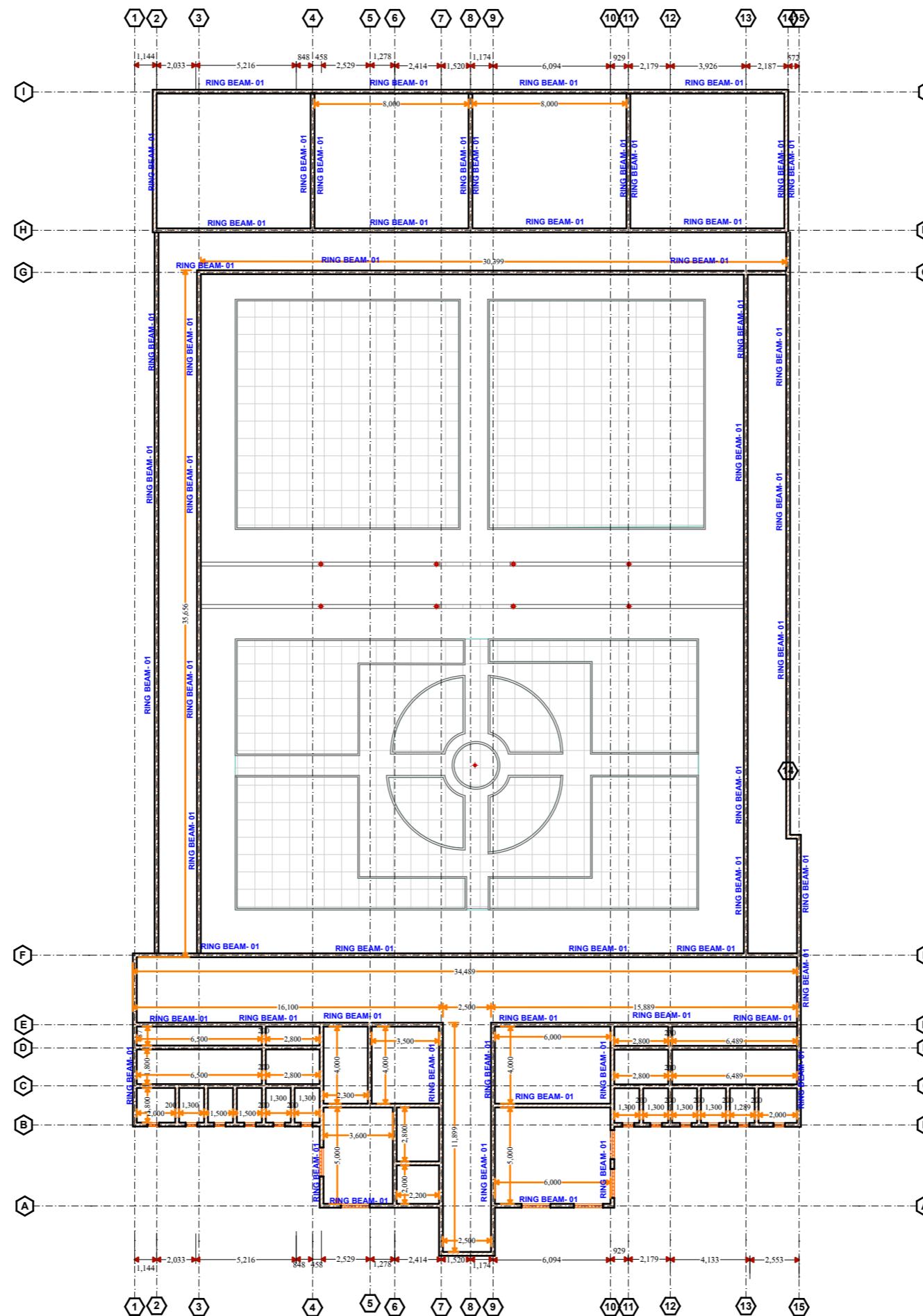
FOUNDATION

SCALE:	AS SHOWN
DATE:	November, 2021
DRAWN BY:	Eng. Abdirazak Dahir.
REVIEWED BY:	

Sheet No.

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RING BEAM LAYOUT PLAN

Notes

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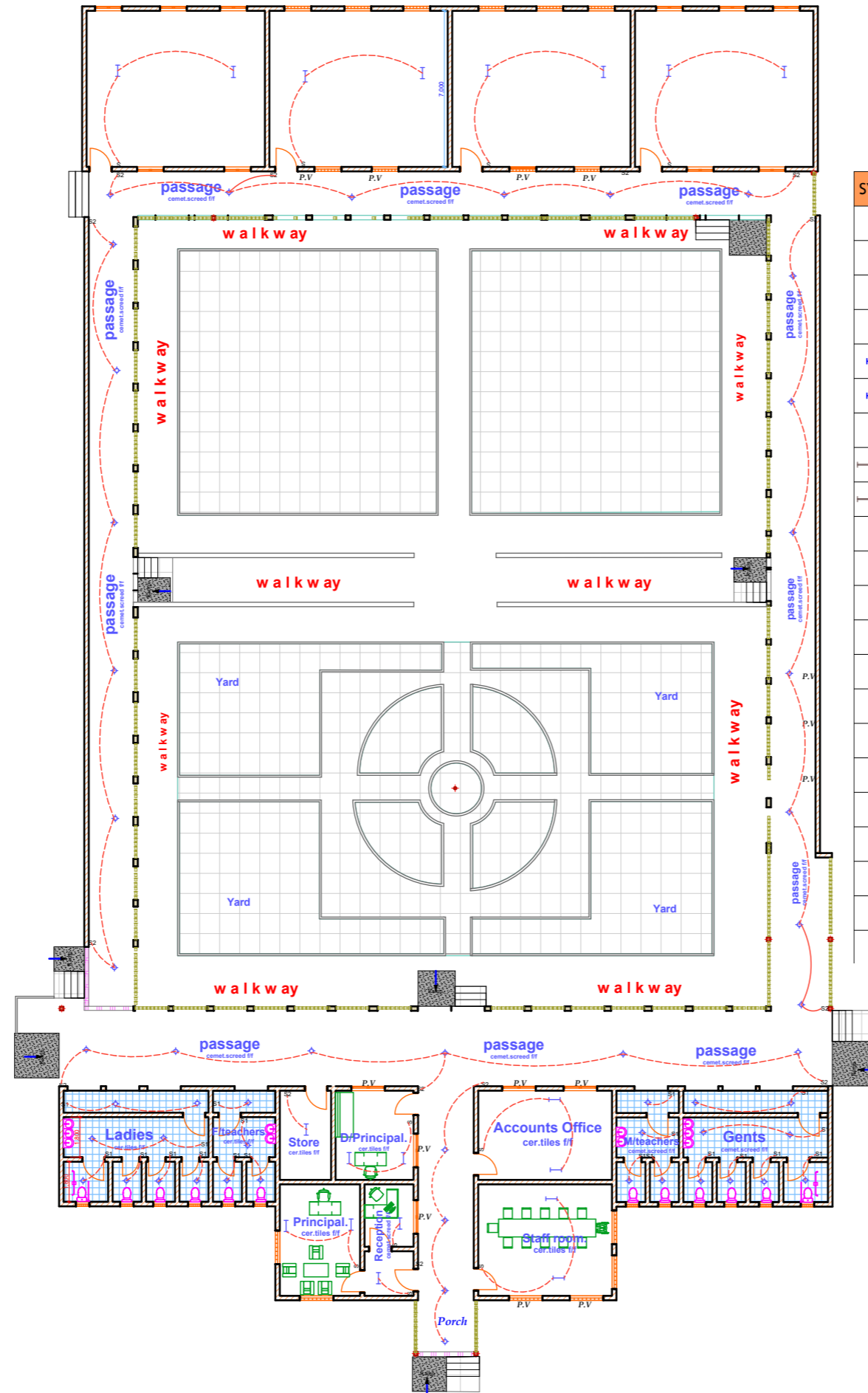


Project Title: **PROPOSED CONSTRUCTION OF GARBAHAREY SECONDARY SCHOOL, IN GEDO - JUBALAND-SOMALIA .**

Drawing Title:
RING BEAM

SCALE:	AS SHOWN
DATE:	November, 2021
DRAWN BY:	Eng. Abdirazak Dahir.
REVIEWED BY:	

Sheet No.
13/32



Electrical Plan

SYMBOL	MEANING
	CEILING MOUNTED LIGHT FIXTURE.
	CEILING MOUNTED LIGHT FIXTURE (PENDANT)
	WALL MOUNTED LIGHT FIXTURE
	RECESSED SPOT LIGHT
	FLUORESCENT LIGHT FIXTURE
	FLUORESCENT LIGHT FIXTURE UNDER FALSE CEILING
	WIRING CONNECTION
	FLUORESCENT LIGHT FIXTURE WITH SHAVER SOCKET & LOCALISED SWITCH
	FLUORESCENT LIGHT FIXTURE WITH LOCALISED SWITCH
	SINGLE PLEX RECEPTACLE
	DUPLEX RECEPTACLE
	SPECIAL RECEPTACLE & OUTLET (WITH PILOT LIGHT)
	WATER PROOF RECEPTACLE (SINGLE)
	CONSUMER UNIT
	TELEPHONE/TV JACK
	ALARM KEYPAD
	DOORBELL PUSH BUTTON
	DOORBELL TRANSFORMER
S3	3 gang switch
S2	2 gang switch
S	Single pole switch
	Flood lamp

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REVISION		

Client:



THE FEDERAL REPUBLIC OF SOMALIA.

Implemented by:



Project Title: **PROPOSED CONSTRUCTION OF GARBAHAREY SECONDARY SCHOOL, IN GEDO - JUBALAND-SOMALIA .**

Drawing Title: **ELECTRICAL PLAN**

SCALE:	AS SHOWN
DATE:	November, 2021
DRAWN BY:	Eng. Abdirazak Dahir.
REVIEWED BY:	

Sheet No.
14/32
A3

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Drawing Title:

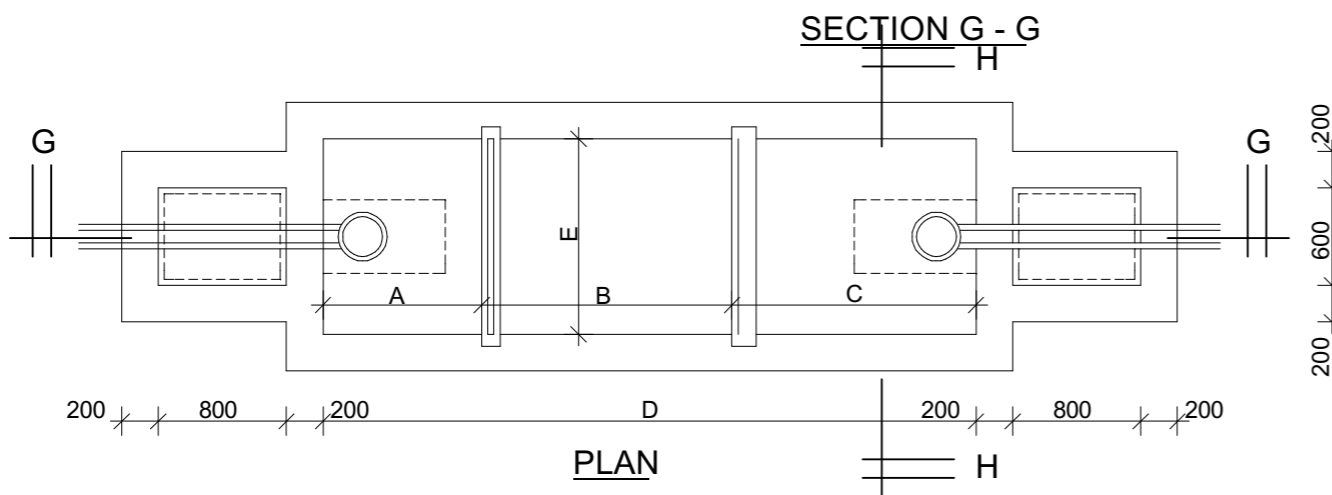
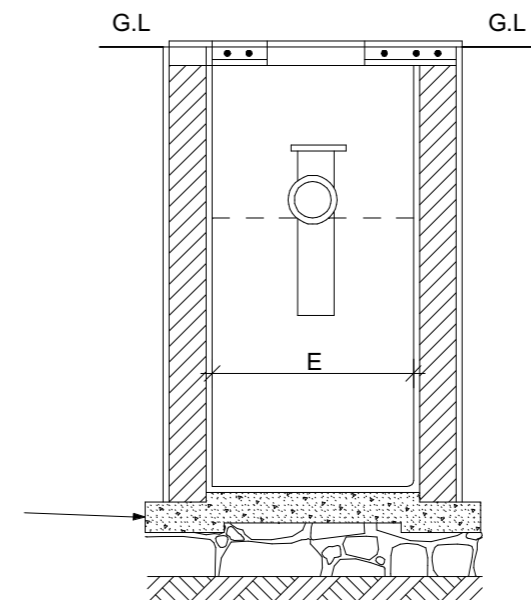
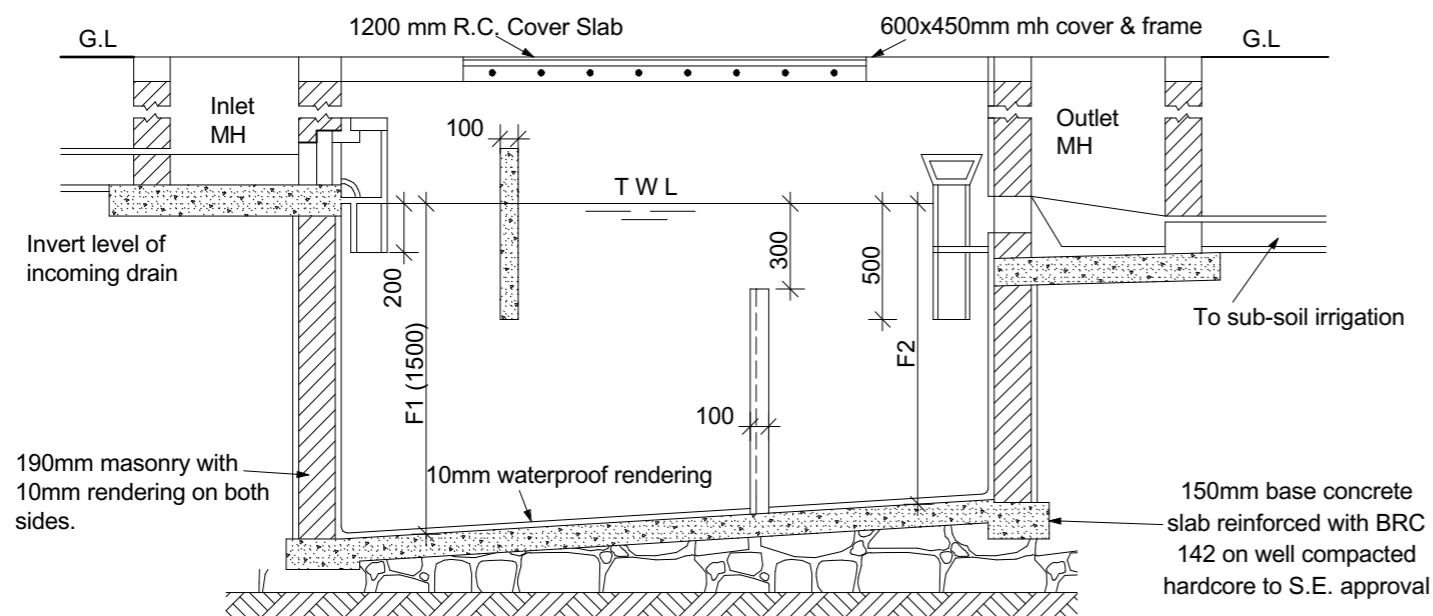
SEPTIC TANK

SCALE:	AS SHOWN
DATE:	November, 2021
DRAWN BY:	Eng. Abdirazak Dahir.
REVIEWED BY:	

Sheet No.

15/32

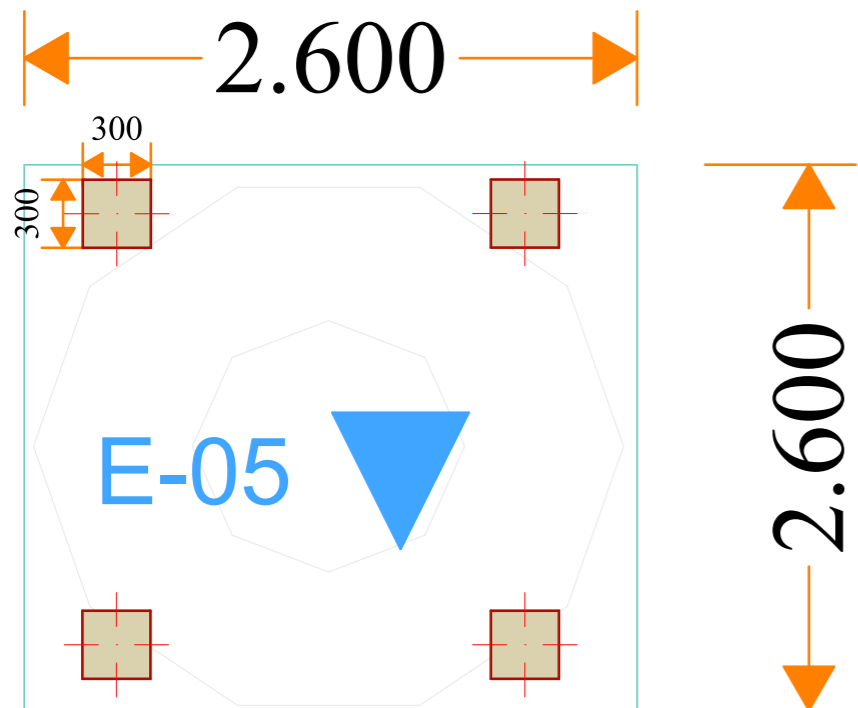
A3



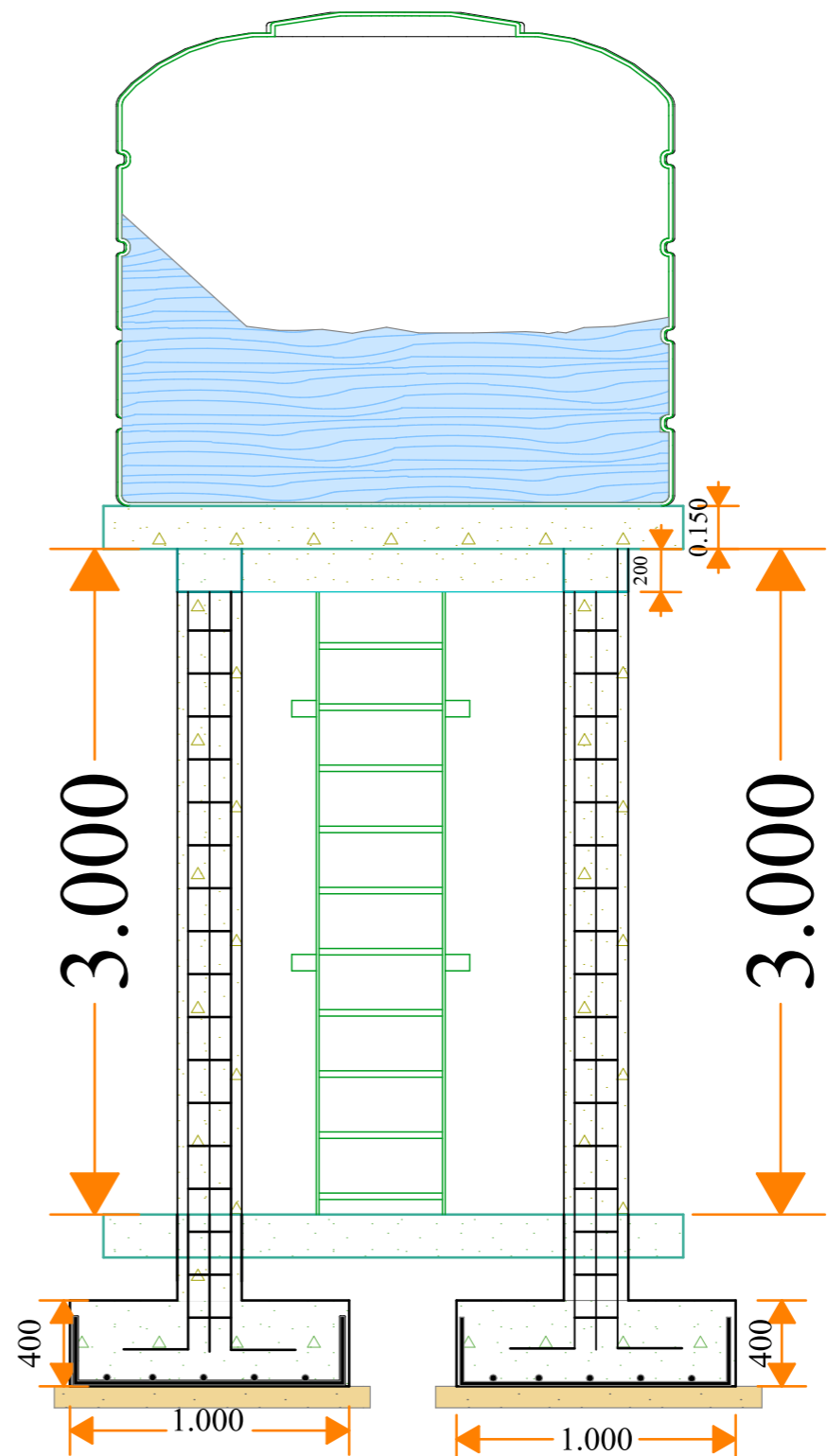
TYPE	CAPACITY IN LITRES	No. OF PERSONS	DESLUDGING INTERVAL (YRS)	DIMENSIONS IN MM						
				A	B	C	D	E	F1	F2
A	3000	10	2	800	1000	1000	3000	800	1200	1400
B	6000	20	2	800	1400	1200	3600	1400	1500	1400
C	9000	30	2	800	1400	1200	3600	1800	1500	1400
D	12000	40	2	800	1600	1400	4000	2000	1500	1300
E	15000	50	2	800	1600	1400	4000	2400	1500	1200
F	24000	100	2	800	2100	1900	5000	2400	2000	1500
G	37000	150	2	800	2400	2100	5500	2800	2400	1500
H	54000	200	2	800	2600	2400	6000	3000	3000	1500

NOTES

- Cover slab to be reinforced with 10mm dia. bar at 100mm c/c (conc. 20 / 20 mix 1:2:4)
- Base slab to be conc. class mix 1:3:6
- Outlet and inlet pipes to be 100mm dia. cast iron.
- Scum baffle to be 100mm thick reinforced with 2 No 100mm at both ends conc 80(20)
- Dividing wall to be 100mm thick conc. class 20(20) reinforced with weld mesh No. 65.



Floor plan Elevated water tank.



Section

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Project Title: **PROPOSED CONSTRUCTION OF GARBAHAREY SECONDARY SCHOOL, IN GEDO - JUBALAND-SOMALIA .**

Drawing Title: **Elevatot water tank**

SCALE:	AS SHOWN
DATE:	November, 2021
DRAWN BY:	Eng. Abdirazak Dahir.
REVIEWED BY:	

Sheet No.
16/32

Notes

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Client:



THE FEDERAL REPUBLIC OF SOMALIA.

Implemented by:



ADRA

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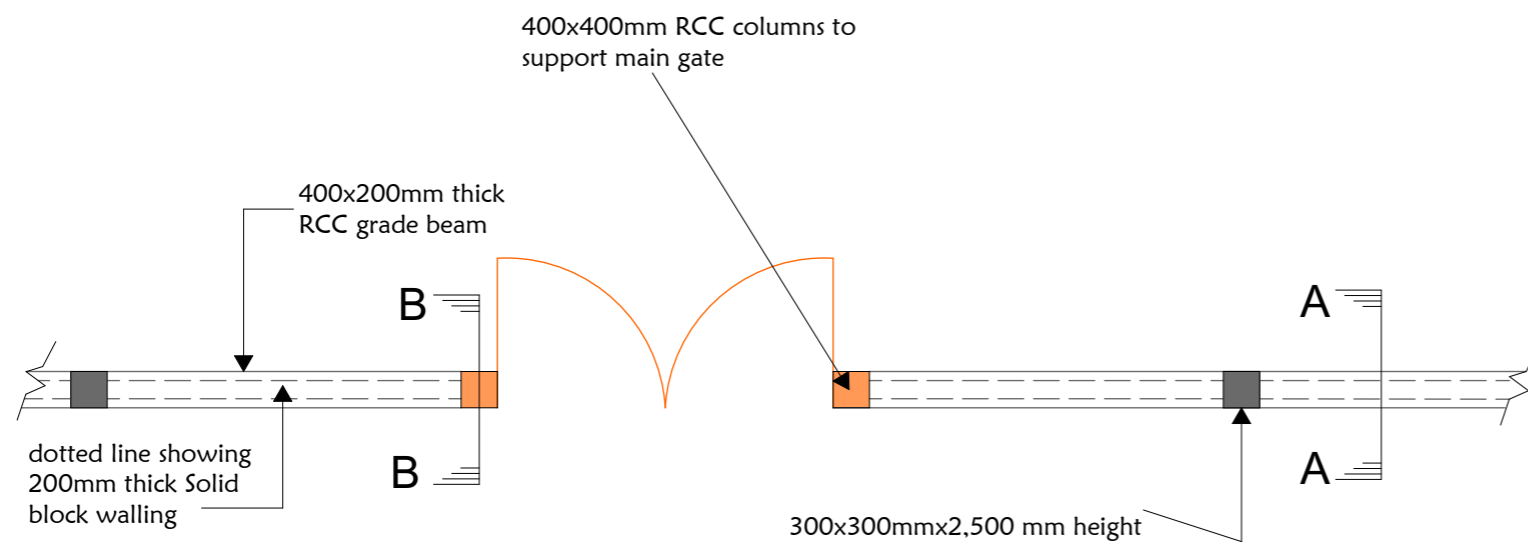
Drawing Title: **BOUNDARY WALL**

SCALE:	AS SHOWN
DATE:	November, 2021
DRAWN BY:	Eng. Abdirazak Dahir.
REVIEWED BY:	

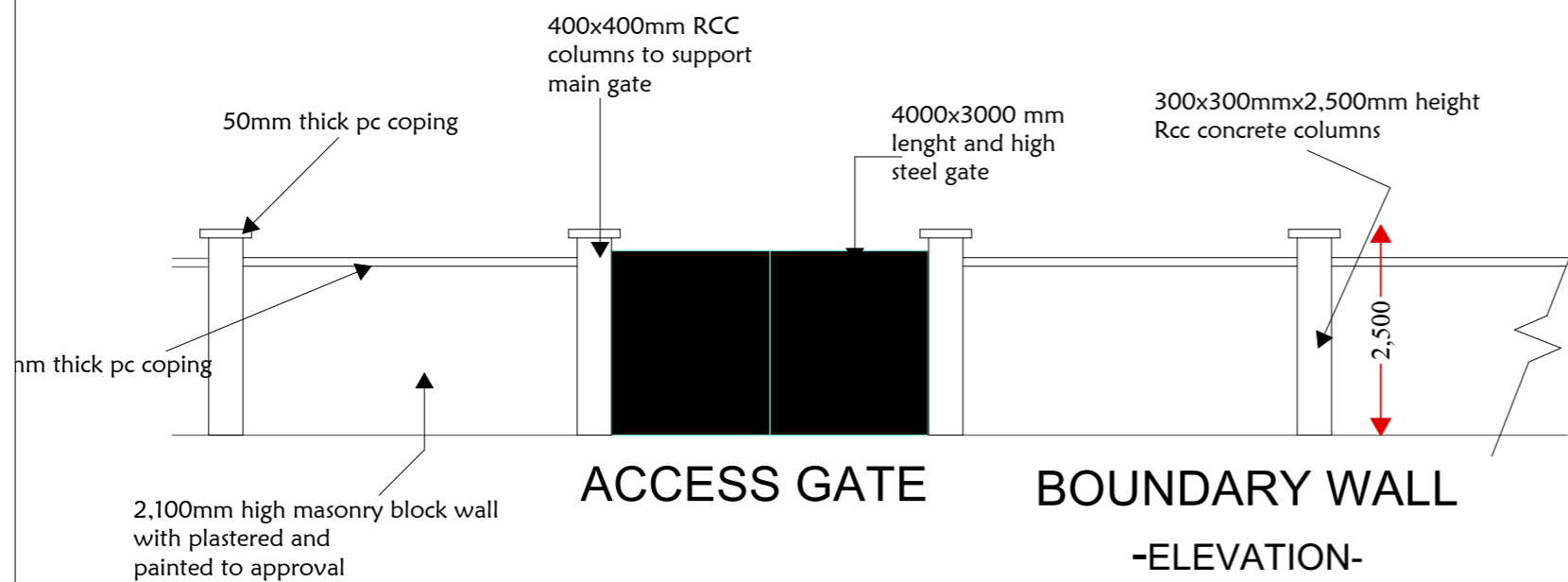
Sheet No.

17/32

A3

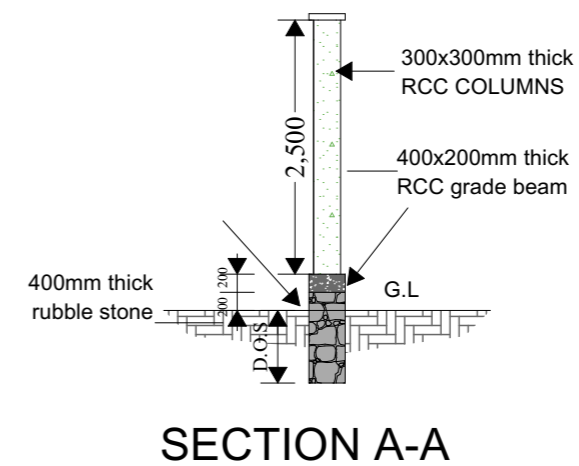


BOUNDARY WALL
-FOUNDATION LAYOUT-

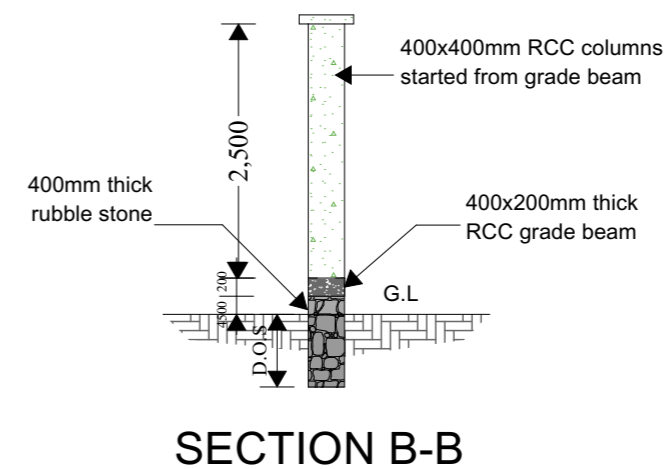


ACCESS GATE **BOUNDARY WALL**
-ELEVATION-

D.O.S.
DETERMINED ON SITE MINIMUM 1000MM
DEEP



SECTION A-A



SECTION B-B

























