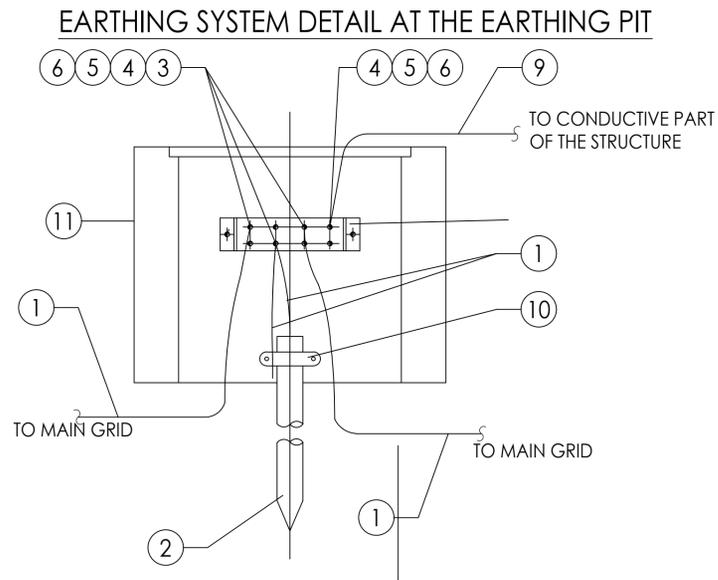
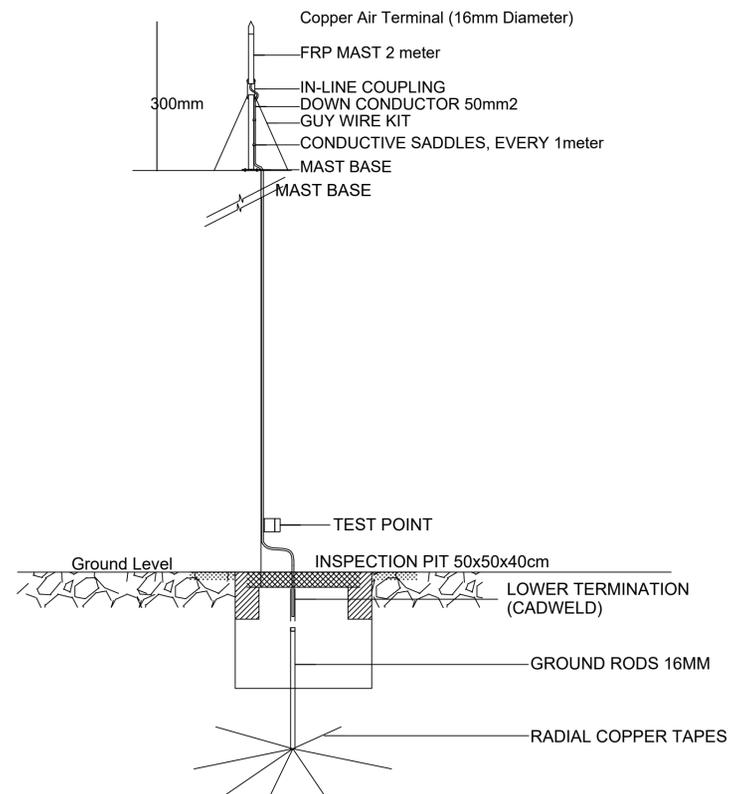


REF.	MANHOLE OF SIZE 600x600		MANHOLE OF SIZE 400x400	
	STONE	BRICK	STONE	BRICK
a	400	250	400	250
b	50	50	50	50
c	200	125	200	125
d	100	100	100	100
e	80	80	80	80
f	600	600	400	400
g	1400	1100	1200	900
h	180	180	180	180
i	700	700	500	500



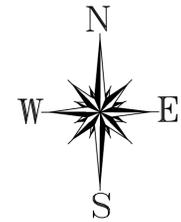
TYPE	DESCRIPTION
1	EARTH STRANDED COPPER CONDUCTOR = 1 x 16mmsq.
2	EARTH ELECTRODE - COPPER ROD 1200 x 10mm
3	COMPRESSION CABLE TERMINAL FOR ROPE IN Cu Ø14.7 (HOLE Ø13)
4	PIN STAINLESS STEEL M12X40
5	FLAT WASHER IN STAINLESS STEEL Ø13 mm
6	DIE IN STAINLESS STEEL M12
7	GROUND STRAP IN Cu DIM. 260 x 100 x 6mm
8	EXPANSION SMALL BLOCK M10
9	FLAT IN Cu 30 x 3mm
10	CLAMP TERMINAL (EARTH ROD TO CONDUCTOR)
11	MANHOLE SIZE OF 400 x 400 x 500MM WITH CONCRETE COVER HAVING LIFTING LUG



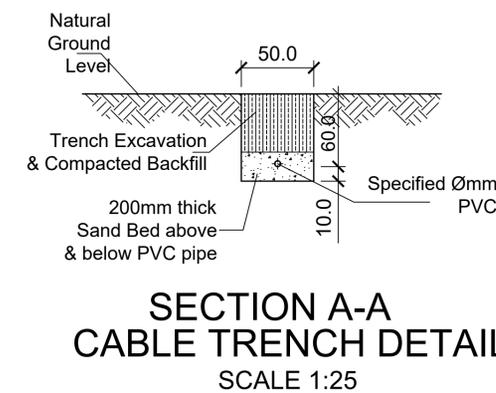
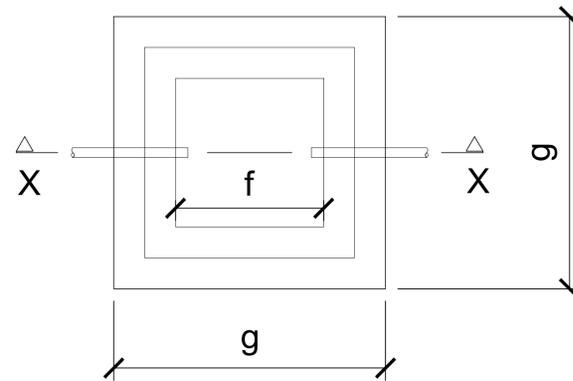
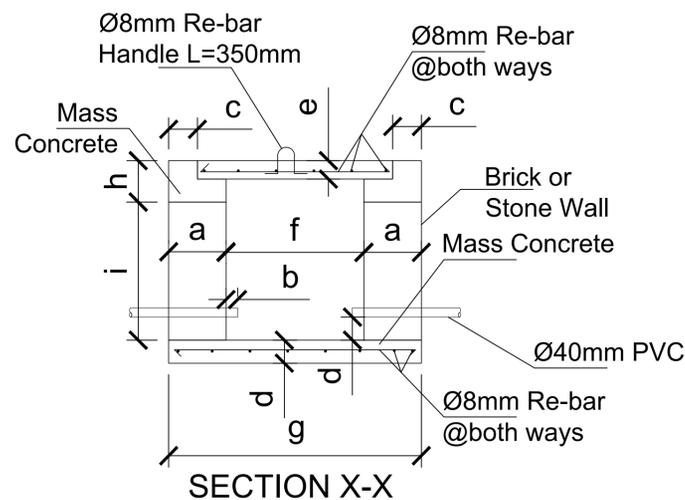
LIGHTNING PROTECTION SYSTEM DETAIL

NOTE

- 1 - Copper Lightning Protection shall not be installed directly on aluminum roofing, siding or other aluminum surfaces.
- 2 - Down conductor entering corrosive soil shall be protected against corrosion for not less than 915mm above ground level and for entire length below grade level.
- 3- Service conduit entering a building underground shall be suitably drained. Keeping the slope suitable to drain.



Rev.	Date	Description	Approved
0			



**SECTION A-A
CABLE TRENCH DETAIL
SCALE 1:25**

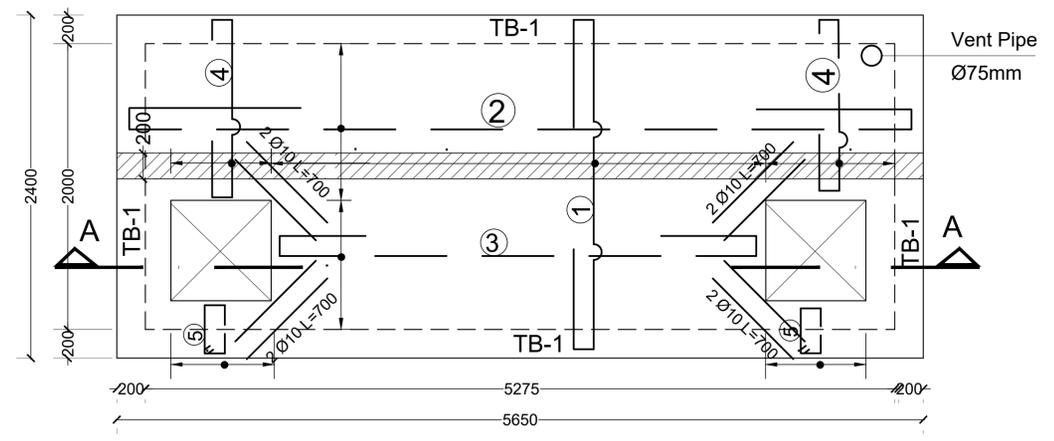
KEY PLAN

Funded By:		Partner:	
United Nations Higher Commission for Refugees Office for the AU (UNHCR)		United Nations Higher Commission for Refugees Office for the AU (UNHCR)	
Program:		Implemented By:	
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model		UNOPS , ETHIOPIA OPERATIONAL HUB	
Project Name:		Design:	
GAMBELLA PUNGINDO-2 OSS CENTER		UNOPS , ETHIOPIA OPERATIONAL HUB	

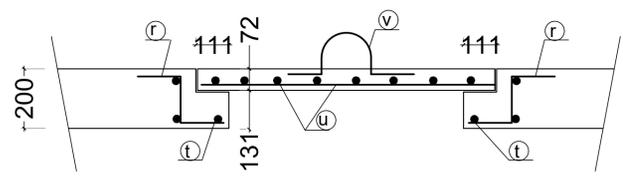
ELECTRICAL INSTALATION PLAN- EARTHING AND MANHOLE DETAIL

Designed by	Discipline	Dr. No.	Tot. No.	Rev. No.		
YG	EL	06	06	R1		
Drawn	Checked	Approved	Size	Scale	Date	Rev.
MA	YG		A1	1:200	05 / 29 / 2021	0

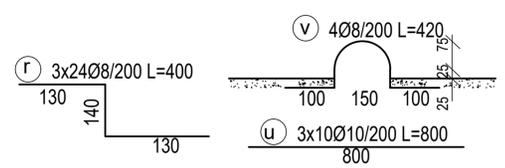
25m³ CAPACITY SEPTIC TANK



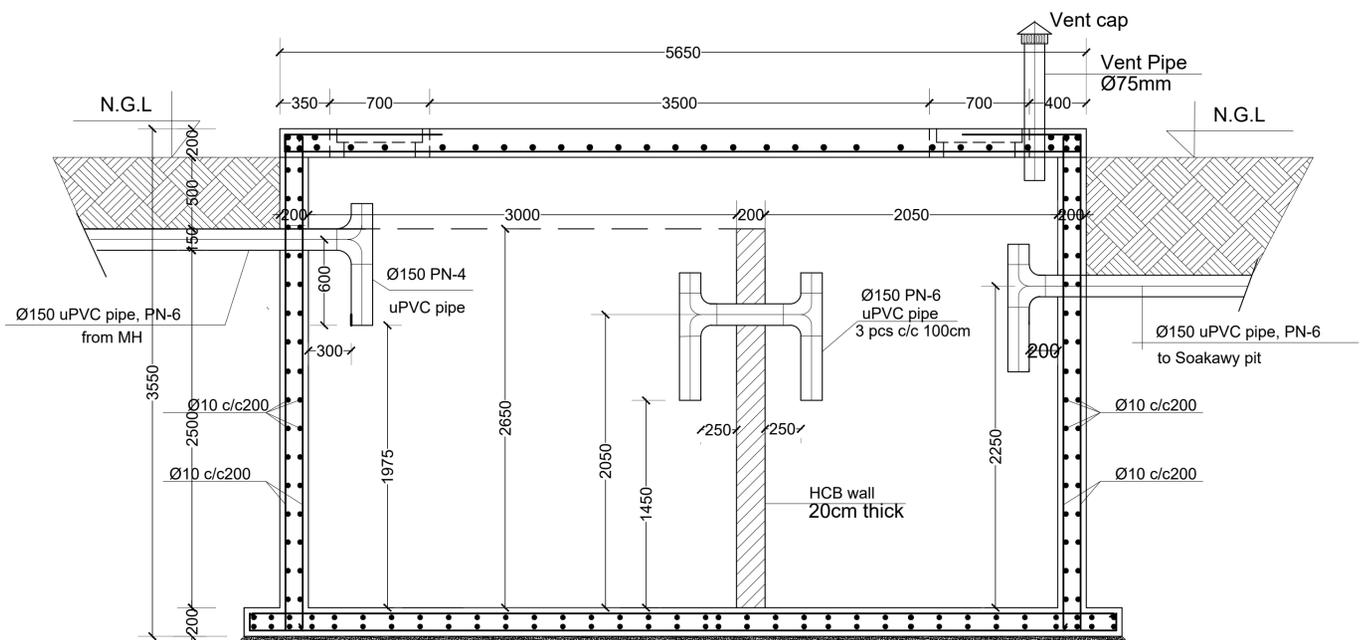
TOP SLAB REINFORCEMENT (200mm thick)
SCALE 1:25



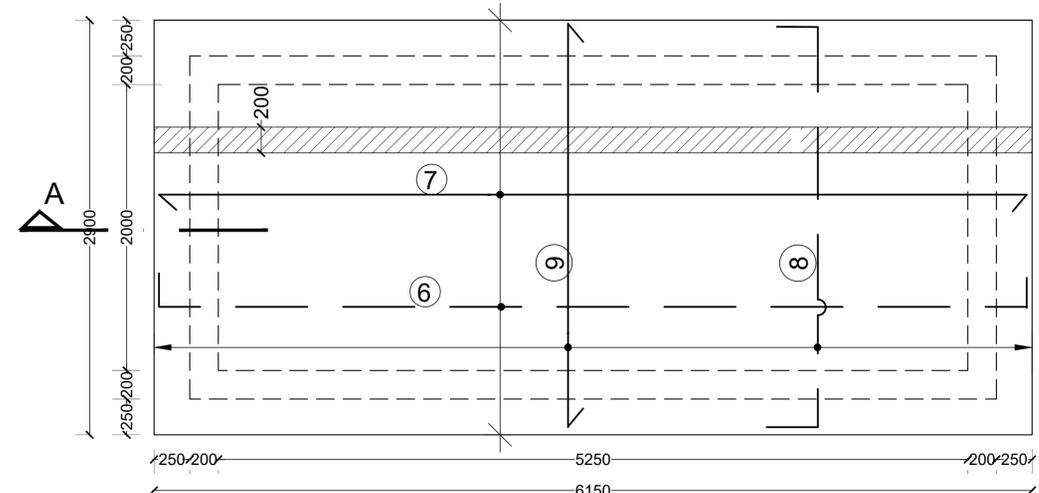
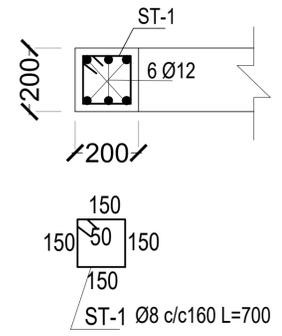
DETAIL FOR MAN HOLE
SCALE 1:10



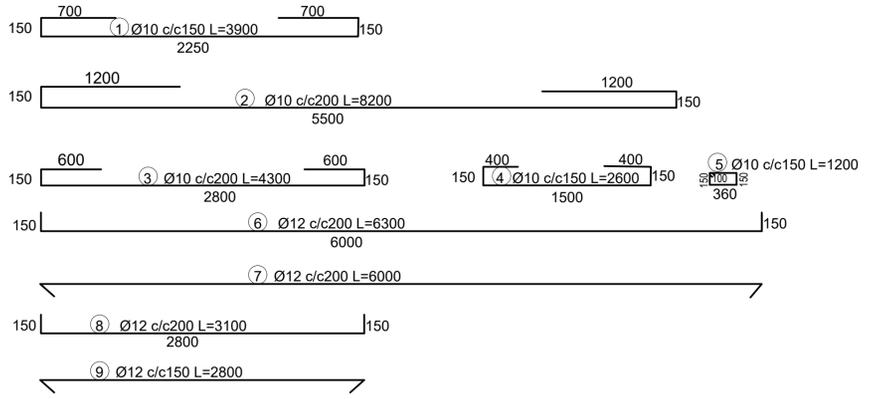
BEAM TB-1
SCALE 1:25



SECTIONAL A-A SCALE 1:25



BOTTOM SLAB REINFORCEMENT (200mm thick)
SCALE 1:25



GENERAL NOTES:

Rev.	Date	Description	Approved
0			

KEY PLAN

Funded By:		Partner:	
United Nations Higher Commission for Refugees Office for the AU (UNHCR)		United Nations Higher Commission for Refugees Office for the AU (UNHCR)	
Program:		Implemented By:	
Rehabilitation of UNHCR One-Stop-Shop (OSS) Registration Model		UNOPS ETHIOPIA OPERATIONAL HUB	
Project Name:		Design:	
Pungindo II Oss Center		UNOPS ETHIOPIA OPERATIONAL HUB	

Septic Tank Details

Designed by	Discipline:	Dr. No:	Tot. No:	Rev No:
YG	SN	04	04	R0
Drawn:	Checked:	Approved:	Size:	Scale:
FM	AE	BM	A1	1:25
			Date:	Rev.:
			02 / 05 / 2021	0