

MODEL MARKET 2



CLIENT:

**MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS**

PROJECT:

**PROPOSED 24-HOUR ECONOMY MARKET
&
COMMERCIAL CENTRE**



LOCATION :



BLOCK A

COMMERCIAL BUILDING

PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE — MODEL MARKET 2

DRAWING SCHEDULE

Client: Ministry of Local Government,
Chieftaincy & Religious Affairs

Eco-Planners & Engineering Consult

SHEET	DISCIPLINE	DRAWING TITLE	PAGE IN ORIGINAL SET
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BLOCK A

COMMERCIAL BUILDING

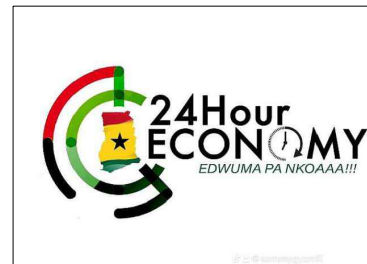
PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE — MODEL MARKET 2

DRAWING SCHEDULE

Client: Ministry of Local Government,
Chieftaincy & Religious Affairs

Eco-Planners & Engineering Consult

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ARCHITECTURAL DRAWINGS

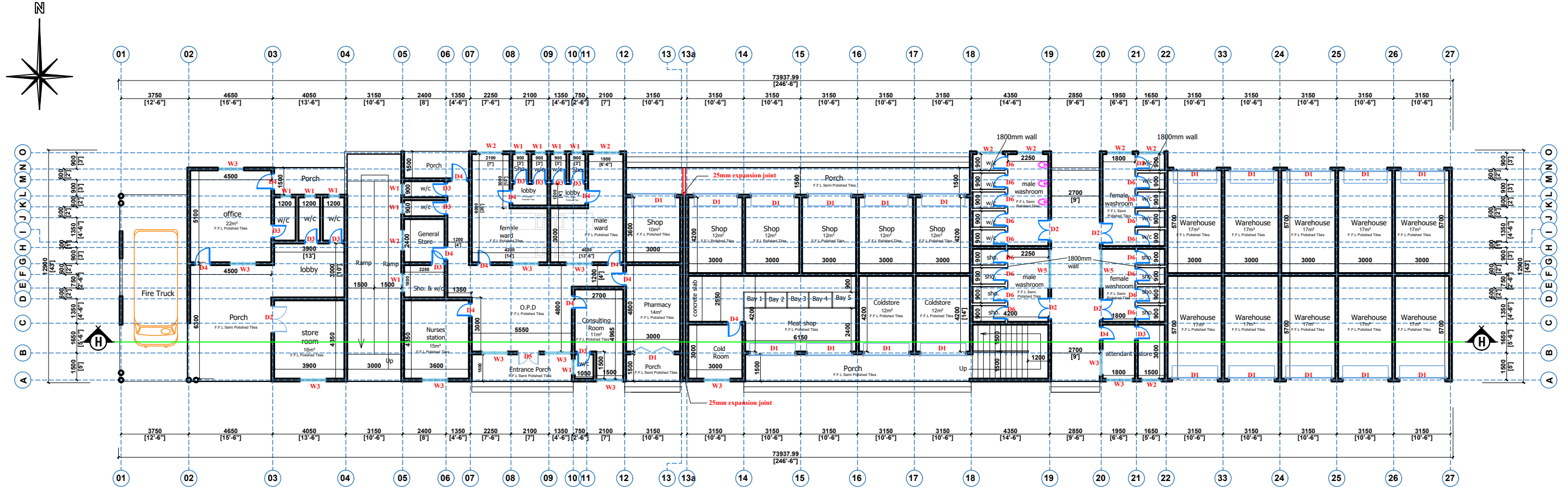
- 3D IMPRESSIONS
- MARKET GENERAL LAYOUTS
- UNIT FLOOR PLANS
- SECTIONS
- ELEVATIONS



BLOCK A

COMMERCIAL BUILDING





GROUND FLOOR PLAN



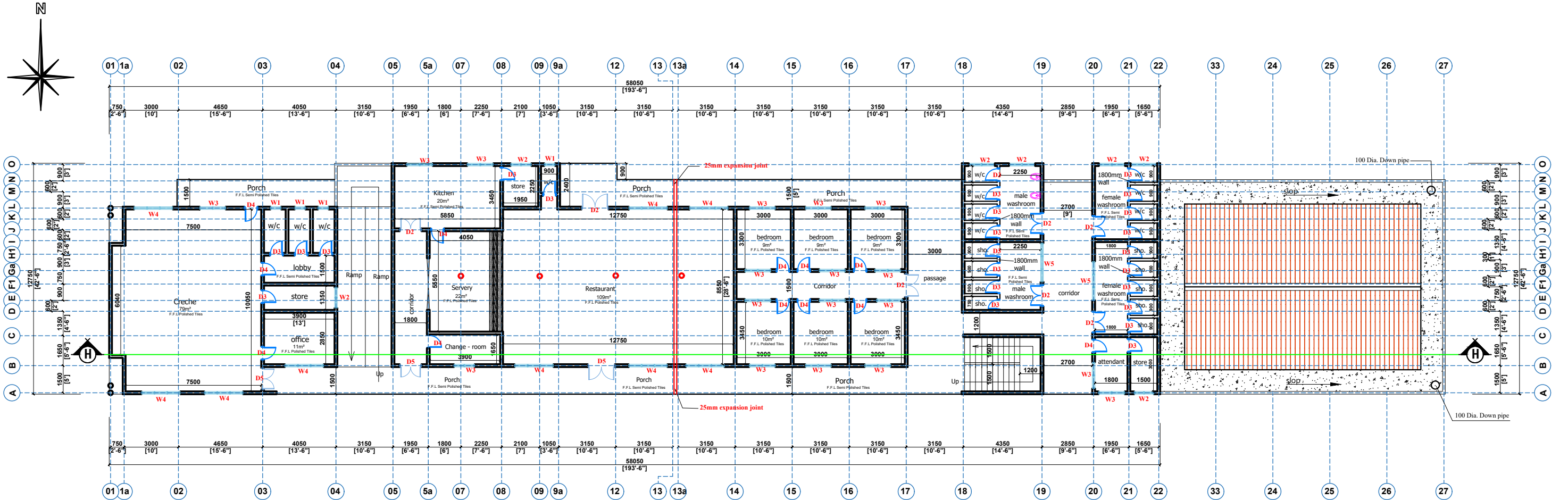
CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS
DRAWING TITLE:	GROUND FLOOR PLAN
DATE:	OCTOBER, 2025

PROJECT :	PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE
NOTE :	- DIRECT MEASUREMENT IS NOT ALLOWED - FOR ANY CLARIFICATION CONTACT: (+233 247 898" 540 OR "+233 242 316 175" or "+233 271 010 146") ECO PLANNERS & ENGINEERING CONSULT



SCALE:	1 : 100
DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT
DRAWN BY:	C. O. ABOARH & A. FRANK

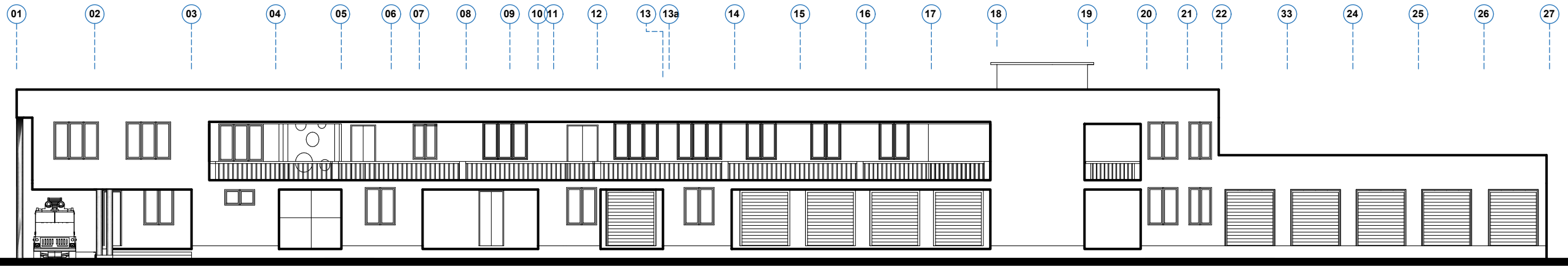
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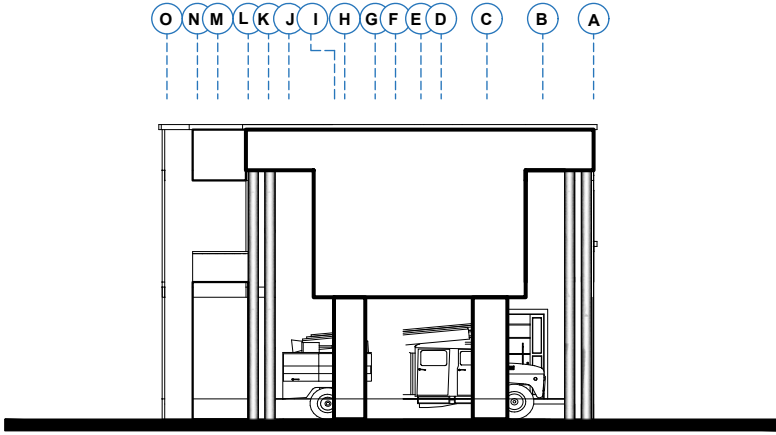
FIRST FLOOR PLAN



CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT :	PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE	SCALE:	1 : 100	DRG NO.:	A02
DRAWING TITLE:	FIRST FLOOR PLAN			DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT		
DATE:	OCTOBER, 2025	NOTE :	- DIRECT MEASUREMENT IS NOT ALLOWED - FOR ANY CLARIFICATION CONTACT (" +233 247 898" 540 OR "+233 242 316 175" or "+233 271 010 146") ECO PLANNERS & ENGINEERING CONSULT	DRAWN BY:	C. O. ABOARH & A. FRANK		



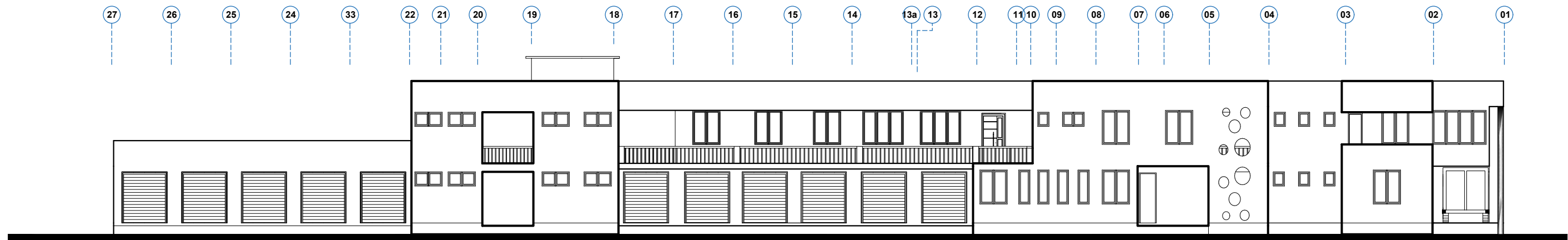
FRONT ELEVATION



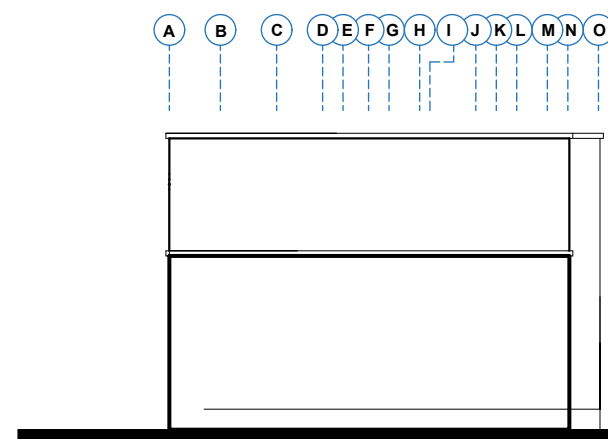
LEFT SIDE ELEVATION



CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT : PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE 	SCALE:	1 : 100	DRG NO.: A03	
DRAWING TITLE:	ELEVATIONS		DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT		
DATE:	OCTOBER, 2025	NOTE : - DIRECT MEASUREMENT IS NOT ALLOWED - FOR ANY CLARIFICATION CONTACT (" +233 247 898" 540 OR " +233 242 316 175" or " +233 271 010 146") ECO PLANNERS & ENGINEERING CONSULT	DRAWN BY:	C. O. ABOARH & A. FRANK		



BACK ELEVATION



RIGHT SIDE ELEVATION



CLIENT:

**MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS**

**DRAWING
TITLE:**

ELEVATIONS

DATE:

OCTOBER, 2025

PROJECT : **PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE**



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SCALE:

1 : 100

DESIGNED BY:

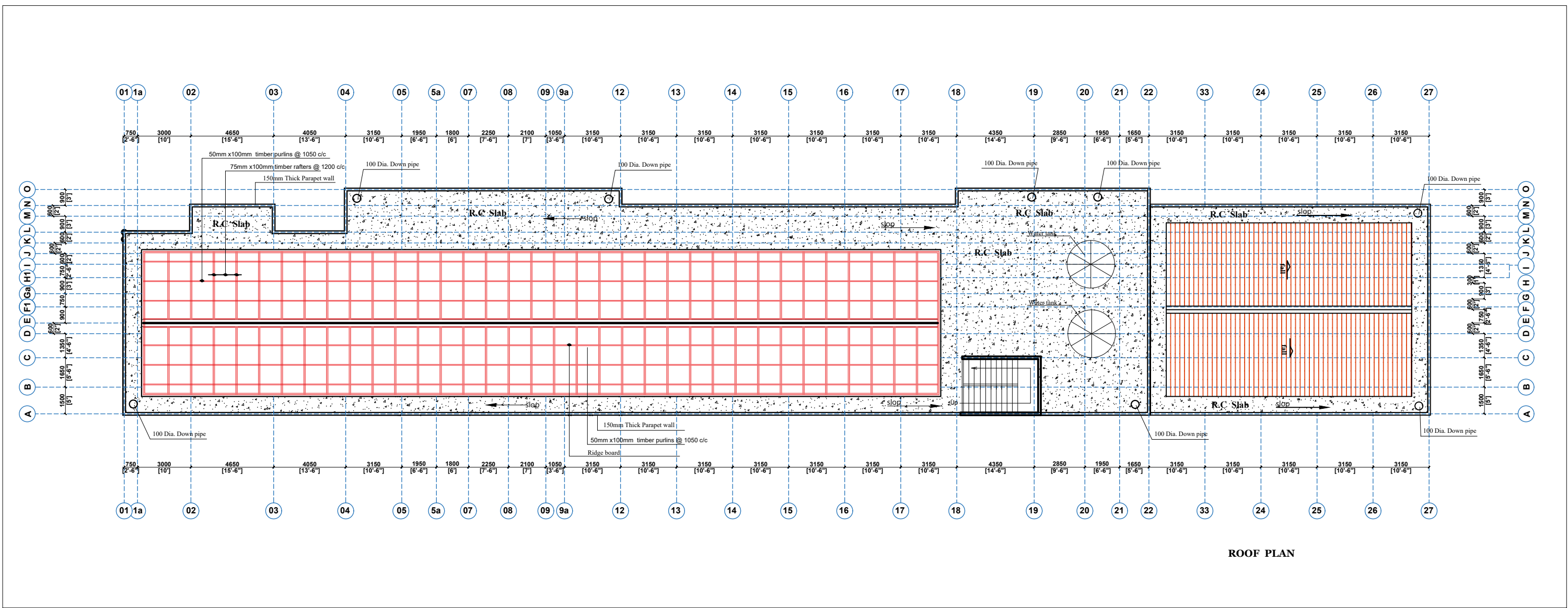
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DRAWN BY:

C. O. ABOARH & A. FRANK

DRG NO.:

A04



CLIENT:

DRAWING TITLE:

DATE:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

ROOF PLAN

OCTOBER, 2025

PROJECT : **PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE**

NOTE :

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SCALE:

DESIGNED BY:

DRAWN BY:

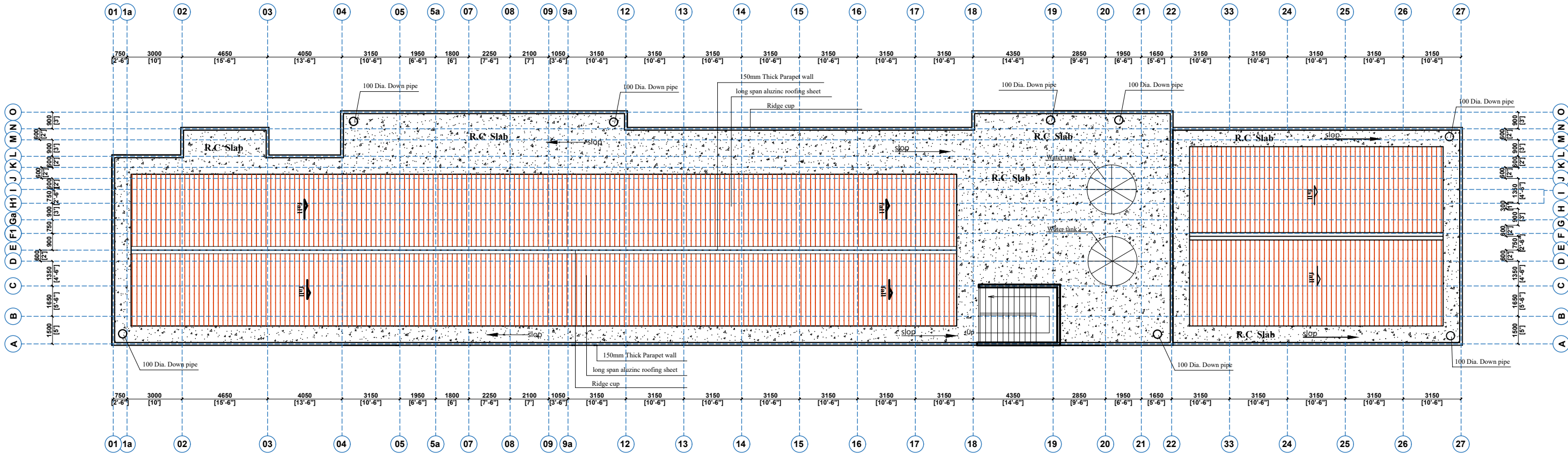
1 : 100

**ECO - PLANNERS &
ENGINEERING CONSULT**

C. O. ABOARH & A. FRANK

DRG NO.:

A05



ROOF PLAN



CLIENT:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

DRAWING
TITLE:

ROOF PLAN

DATE:

OCTOBER, 2025

PROJECT :

PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE



NOTE :

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- FOR ANY CLARIFICATION CONTACT (" +233 247 898" 540 OR
"+233 242 316 175" OR "+233 271 010 146") ECO PLANNERS &
ENGINEERING CONSULT

SCALE:

1 : 100

DESIGNED BY:

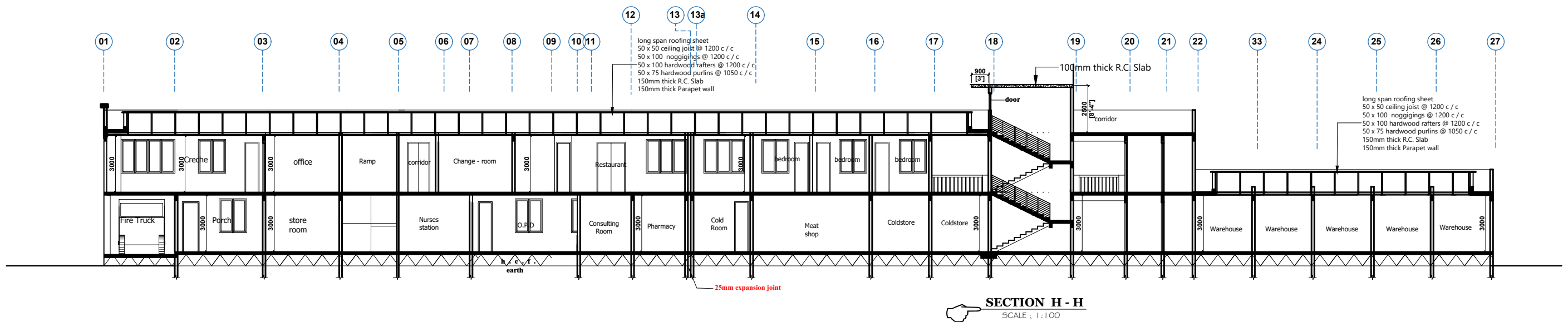
ECO - PLANNERS &
ENGINEERING CONSULT

DRAWN BY:

C. O. ABOARH & A. FRANK

DRG NO.:

A06



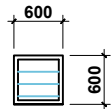
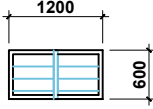
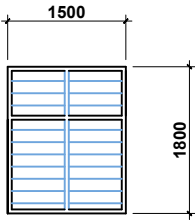
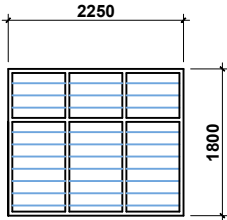
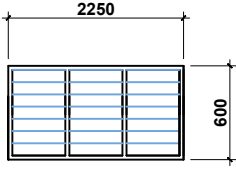
CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT :	PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE	SCALE:	1 : 100	DRG NO.:	A07
DRAWING TITLE:	SECTION			DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT		
DATE:	OCTOBER, 2025	NOTE :	- DIRECT MEASUREMENT IS NOT ALLOWED - FOR ANY CLARIFICATION CONTACT (" +233 247 898" 540 OR "+233 242 316 175" or "+233 271 010 146") ECO PLANNERS & ENGINEERING CONSULT	DRAWN BY:	C. O. ABOARH & A. FRANK		

NOTE CAREFULLY

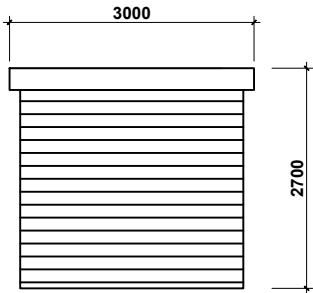
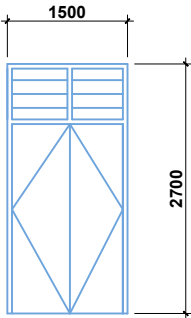
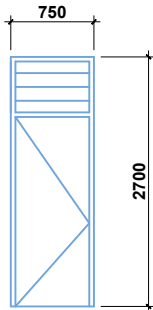
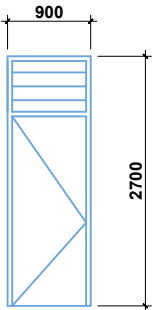
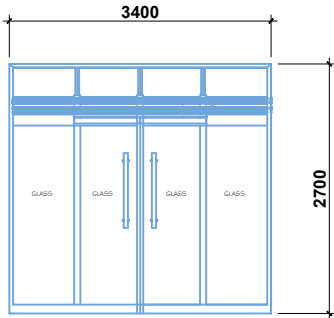
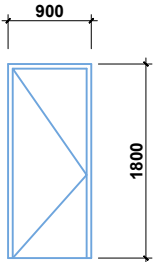
*DIRECT MEASUREMENT IS NOT ALLOWED

*FOR ANY CLARIFICATION PLS CONSULT THE ARCHITECT (ECO PLANNERS & ENGINEERING CONSULT)

WINDOWS SKETCH

WINDOWS SKETCH					
W1	W2	W3	W4	W5	
					
MODEL TAG : W1	MODEL TAG : W2	MODEL TAG : W3	MODEL TAG : W4	MODEL TAG : W5	
DESCRIPTION : LOUVRED WINDOW FINISH WITH APPROVED OIL PAINT AS PER SPECIFICATION	DESCRIPTION : LOUVRED WINDOW FINISH WITH APPROVED OIL PAINT AS PER SPECIFICATION	DESCRIPTION : LOUVRED WINDOW FINISH WITH APPROVED OIL PAINT AS PER SPECIFICATION	DESCRIPTION : LOUVRED WINDOW FINISH WITH APPROVED OIL PAINT AS PER SPECIFICATION	DESCRIPTION : LOUVRED WINDOW FINISH WITH APPROVED OIL PAINT AS PER SPECIFICATION	
QUANTITY : 15no.	QUANTITY : 6no.	QUANTITY : 10no.	QUANTITY : 9no.	QUANTITY : 4no.	
FINISHES : PRE-COATED FRAMES	FINISHES : PRE-COATED FRAMES	FINISHES : PRE-COATED FRAMES	FINISHES : PRE-COATED FRAMES	FINISHES : PRE-COATED FRAMES	
LOCATION : AS INDICATED ON PLAN	LOCATION : AS INDICATED ON PLAN	LOCATION : AS INDICATED ON PLAN	LOCATION : AS INDICATED ON PLAN	LOCATION : WASHROOM	

DOORS SKETCH

DOORS SKETCH					
D1	D2	D3	D4	D5	D6
					
MODEL TAG : D1	MODEL TAG : D2	MODEL TAG : D3	MODEL TAG : D4	MODEL TAG : D5	MODEL TAG : D6
DESCRIPTION : ALUMINUM FRAME OVERHEAD ROLLING DOOR	DESCRIPTION : TIMBER- FRAMED, HINGED PANEL DOOR WITH FANLIGHT	DESCRIPTION : TIMBER- FRAMED, HINGED PANEL DOOR WITH FANLIGHT	DESCRIPTION : TIMBER- FRAMED, HINGED PANEL DOOR WITH FANLIGHT	DESCRIPTION : DOUBLE SWING TRANSPARENT GLASS DOOR	DESCRIPTION : TIMBER- FRAMED, HINGED PANEL DOOR WITH FANLIGHT
QUANTITY : 21no.	QUANTITY : 12no.	QUANTITY : 16no.	QUANTITY : 25no.	QUANTITY : 4no.	QUANTITY : 35no.
FINISHES : ALUMINUM FRAME / METAL SHEET	FINISHES : POLISHED DOOR / DARK BROWN IN COLOUR	FINISHES : POLISHED DOOR / DARK BROWN IN COLOUR	FINISHES : POLISHED DOOR / DARK BROWN IN COLOUR	FINISHES : GLASS	FINISHES : POLISHED DOOR / DARK BROWN IN COLOUR
LOCATION : AS INDICATED ON PLAN	LOCATION : AS INDICATED ON PLAN	LOCATION : AS INDICATED ON PLAN	LOCATION : AS INDICATED ON PLAN	LOCATION : BANKING HALL	LOCATION : AS INDICATED ON PLAN



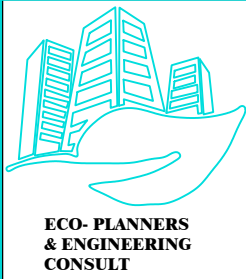
CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT : PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE		SCALE:	1 : 100	DRG NO.: A09
DRAWING TITLE:	DOOR / WINDOW SCHEDULE			DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	
DATE:	OCTOBER, 2025	NOTE : - DIRECT MEASUREMENT IS NOT ALLOWED FOR ANY CLARIFICATION CONTACT (" +233 247 898" 540 OR "+233 242 316 175" or "+233 271 010 146") ECO PLANNERS & ENGINEERING CONSULT	DRAWN BY:	C. O. ABOARH & A. FRANK		

FINISHES SCHEDULE
MAIN BLOCK, WORKS & FINANCE DEPARTMENT

DESCRIPTION
Floor, wall and Ceiling as per specification

ROOM #	ROOM NAME	FLOOR	WALLS				CEILING	
			NORTH	SOUTH	EAST	WEST	HEIGHT	MATERIAL
1	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3m	P.T & G
2	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3m	W.P
3	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3m	W.P
4	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3m	W.P
5	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3m	W.P
6	SHOP	F.F.L POLISHED TILE	CWT	CWT	CWT	CWT	not less than 3m	W.P
8	STORE	CFT	COP	COP	COP	COP	not less than 3.45m	P.T & G
9	STORE	CFT	COP	COP	COP	COP	not less than 3m	P.O.P
11	STORE	CFT	COP	COP	COP	COP	not less than 3m	W.P
12	office	CFT	COP	COP	COP	COP	not less than 3m	P.O.P
13	nurse station	CFT	CEP	CEP	CEP	CEP	not less than 3m	W.P
14	male ward	CFT	CEP	CEP	CEP	CEP	not less than 3m	W.P
15	female ward	CFT	CEP	CEP	CEP	CEP	not less than 3m	W.P
16	consulting room	CFT	CEP	CEP	CEP	CEP	not less than 3m	W.P
17	pharmacy	CFT	CEP	CEP	CEP	CEP	not less than 3m	W.P
18	cold room	CFT	CEP	CEP	CEP	CEP	not less than 3m	W.P
19	cold store	RFT	CEP	CEP	CEP	CEP	not less than 3m	W.P
20	meat shop	RFT	N/A	N/A	N/A	N/A	not less than 3m	P.O.P
21	pharmacy	CFT	CEP	CEP	CEP	CEP	not less than 2.4m	N/A
22	warehouse	CFT	CEP	CEP	CEP	CEP	not less than 4.2m	N/A
22	WC'S	CFT	N/A	N/A	N/A	N/A	not less than 3.6m	P.T & G
23	porch & lobby	CFT	COP	COP	COP	COP	not less than 3m	W.P

LEGEND	
FULL BODY PLANED & LAPPED FLOOR TILE -	F.F.L FL C.F.T
CERAMIC FLOOR TILE -	C.F.T
RASTIC FLOOR TILE -	R.F.T
CERAMIC WALL TILE -	C.W.T
PLASTER OF PARIS -	P.O.P
3MM WOODEN PLYWOOD -	W.P
PLASTIC T & G -	P.T & G
COROL EMULSION PAINT -	CEP
CORAL OIL PAINT -	COP
GREEN HEDGES AND GRASS -	G.H.G
QUARRY CHIPPINGS -	Q.C
NOT APPLICABLE -	N/A



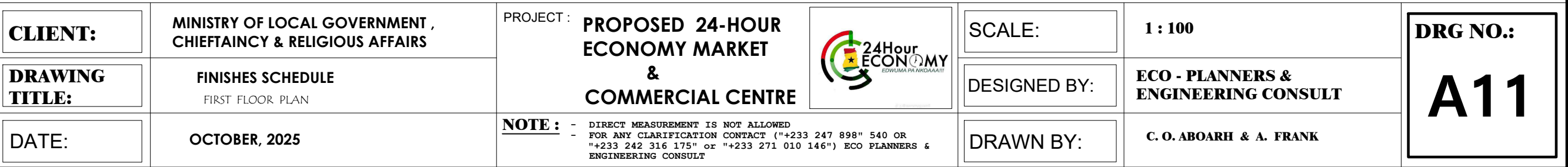
CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT : PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE		SCALE:	1 : 100	DRG NO.: A10
DRAWING TITLE:	FINISHES SCHEDULE GROUND FLOOR PLAN			DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	
DATE:	OCTOBER, 2025			NOTE : - DIRECT MEASUREMENT IS NOT ALLOWED - FOR ANY CLARIFICATION CONTACT (" +233 247 898" 540 OR "+233 242 316 175" or "+233 271 010 146") ECO PLANNERS & ENGINEERING CONSULT	DRAWN BY:	

MAIN BLOCK, WORKS & FINANCE DEPARTMENT

Floor, wall and Ceiling as per specification

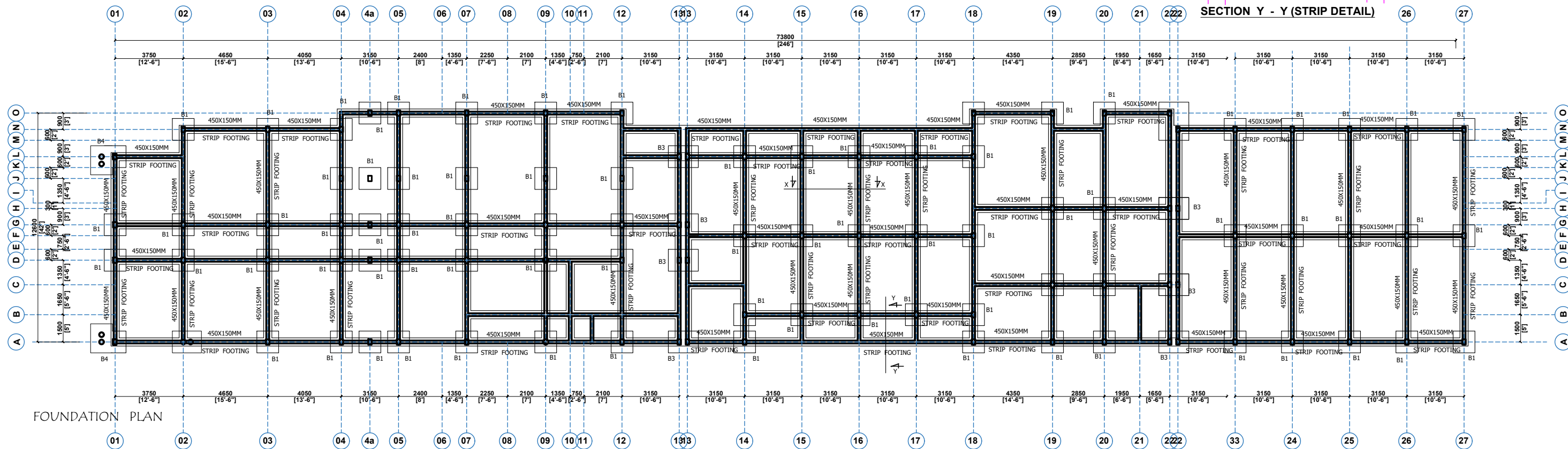
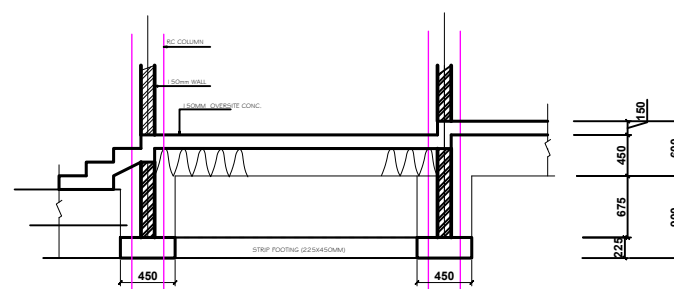
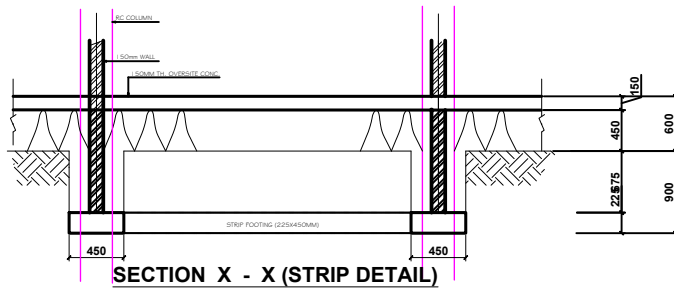
LEGEND

FULL BODY PLANED & LAPPED FLOOR TILE	-	FFL FL
CERAMIC FLOOR TILE	-	CFT
RASTIC FLOOR TILE	-	RFT
CERAMIC WALL TILE	-	CWT
PLASTER OF PARIS	-	POP
3MM WOODEN PLYWOOD	-	WP
PLASTIC T & G	-	PT & G
CAROL EMULSION PAINT	-	CEP
CORAL OIL PAINT	-	COP
GREEN HEDGES AND GRASS	-	GHG
QUARRY CHIPPINGS	-	QC
NOT APPLICABLE	-	N/A

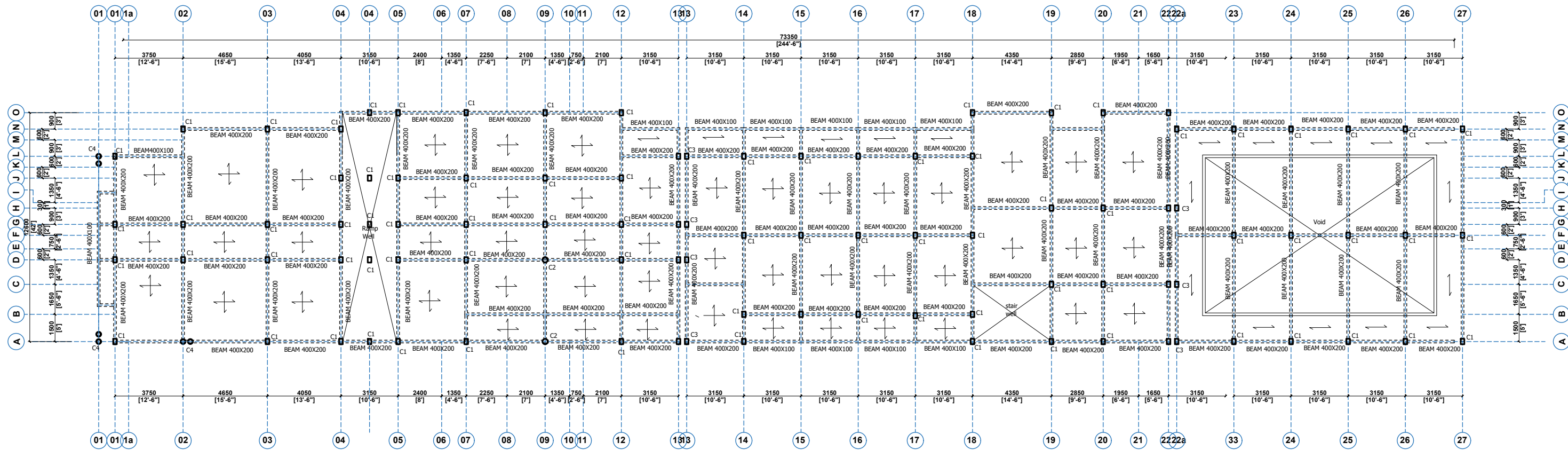


STRUCTURAL DRAWINGS

BLOCK A

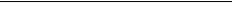


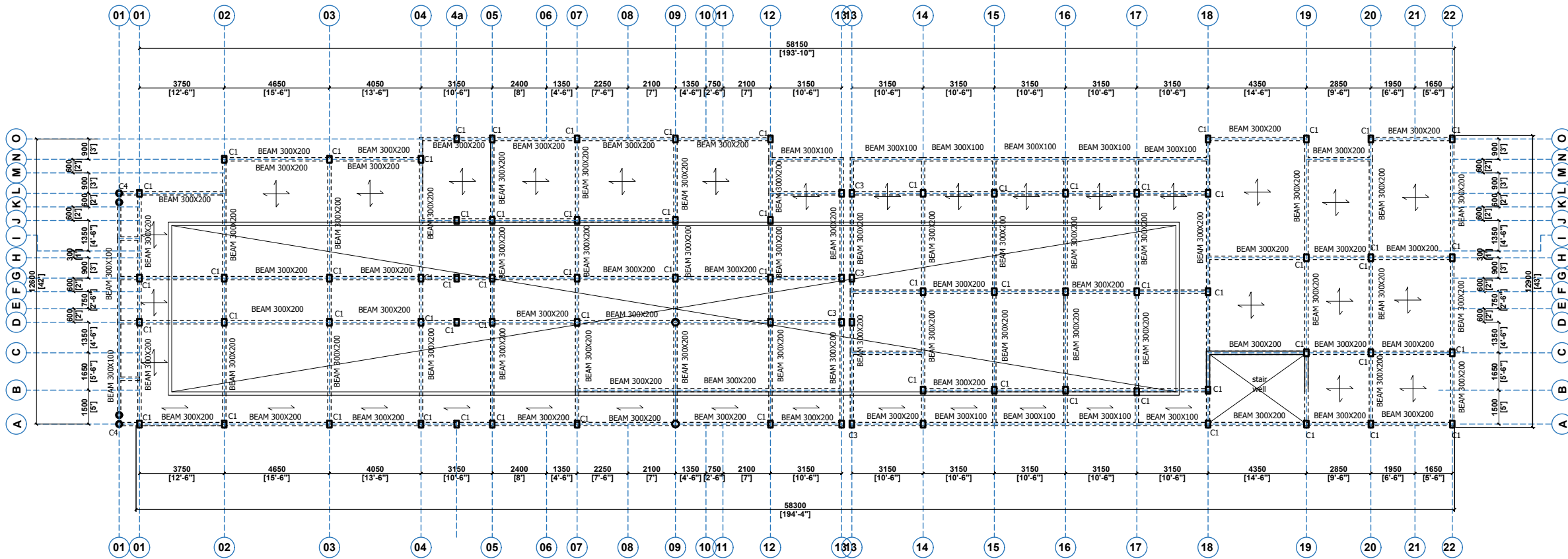
CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT : PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE	SCALE:	1 : 100	DRG NO.:
DRAWING TITLE:	FOUNDATION PLAN (BLK 'A')		DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	ST01
DATE:	OCTOBER, 2025	NOTE : - DIRECT MEASUREMENT IS NOT ALLOWED - FOR ANY CLARIFICATION CONTACT (" +233 247 898" 540 OR +233 242 316 175") ECO-PLANNERS AND ENGINEERING CONSULT	DRAWN BY:	C. O. ABOARH & A. FRANK	



FIRST FLOOR BEAM AND COLUMN ARRANGEMENT

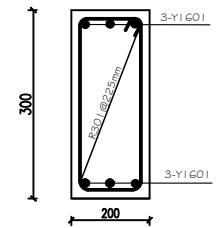


CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT : PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE 	SCALE:	1 : 100	DRG NO.: ST02	
DRAWING TITLE:	FIRST FLOOR BEAM AND COLUMN ARRANGEMRNT (BLK 'A')		DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT		
DATE:	OCTOBER, 2025		NOTE : - DIRECT MEASUREMENT IS NOT ALLOWED - FOR ANY CLARIFICATION CONTACT (" +233 247 898" 540 OR +233 242 316 175") ECO-PLANNERS AND ENGINEERING CONSULT	DRAWN BY:		C. O.ABOARH & A. FRANK



ROOF FLOOR BEAM ARRANGEMENT

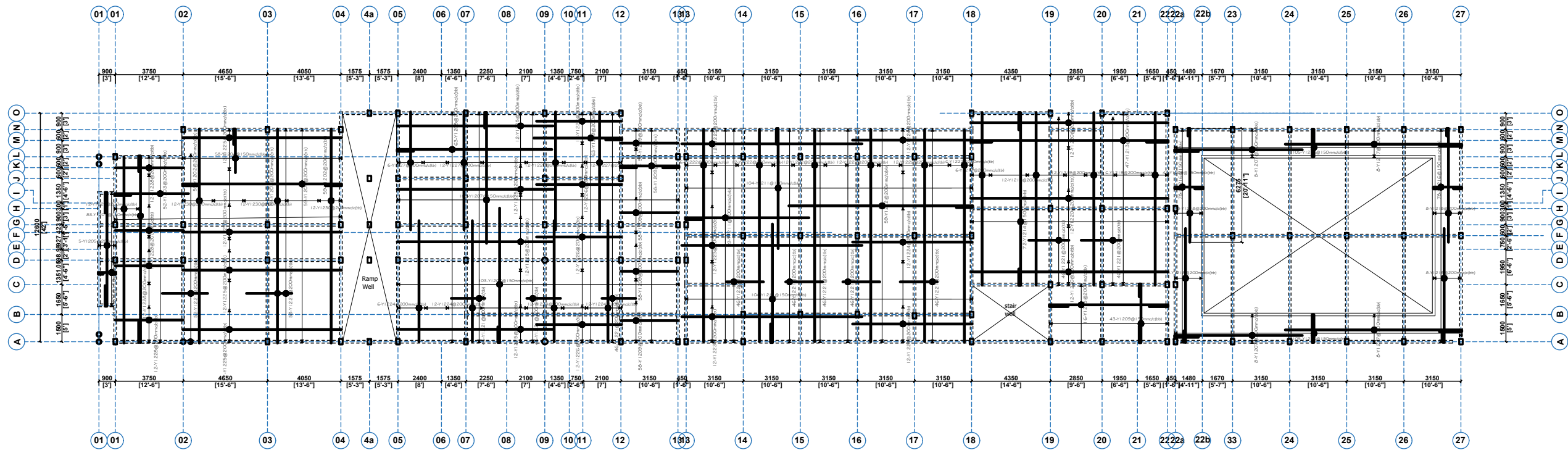
BENDING SCHEDULE					
LOCA	BAR MARK	DIA mm	TOTAL No	LENGTH mm	BENDING SKETCH
ROOF BEAM DETAILS	R301	10	2454	900	
	R1601	16	347	9000	TO BE CUT TO SUIT ON SITE MIN. LAB 800MM



TYP. ROOF BEAM DETAIL



CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT : PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE 	SCALE:	1 : 100	DRG NO.: ST03
DRAWING TITLE:	ROOF BEAM GENERAL ARRANGEMENT (BLK 'A')		DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	
DATE:	OCTOBER, 2025	NOTE : - DIRECT MEASUREMENT IS NOT ALLOWED - FOR ANY CLARIFICATION CONTACT (" +233 247 898" 540 OR +233 242 316 175") ECO-PLANNERS AND ENGINEERING CONSULT	DRAWN BY:	C. O. ABOARH & A. FRANK	



FIRST FLOOR SLAB DETAILS

BENDING SCHEDULE					
LOC.	BAR NO	DIA	QTY	LENGTH	SHAPE
R. C. FOR FIRST SLAB DETAILS	Y1201bb	12	83	11250	
	Y1202bb	12	59	9750	
	Y1203bb	12	52	4527	
	Y1204bb	12	58	2925	
	Y1205bb	12	5	6850	
	Y1206bb	12	41	10350	
	Y1207bb	12	206	8375	
	Y1208bb	12	63	9675	
	Y1209bb	12	101	3800	
	Y1210bb	12	63	6075	
	Y1211bb	12	208	7875	
	Y1212bb	12	59	11075	
	Y1213bb	12	47	11850	
	Y1214bb	12	63	10550	
	Y1215bb	12	16	7550	
	Y1216bb	12	366	2150	
	Y1217bb	12	50	10975	
	Y1218bb	12	32	7475	
	Y1219bb	12	36	9500	STRAIGHT
	Y1220bb	12	36	10800	STRAIGHT
	Y1221bb	12	276	2200	STRAIGHT
	Y1222bb	12	60	11200	STRAIGHT
	Y1223bb	12	36	10000	STRAIGHT
	Y1224bb	12	78	6600	STRAIGHT
	Y1225bb	12	96	8500	STRAIGHT
	Y1226bb	12	48	4600	STRAIGHT
	Y1227bb	12	42	6400	STRAIGHT
	Y1228bb	12	48	3700	STRAIGHT
	Y1229bb	12	12	10200	STRAIGHT
	Y1230bb	12	36	10800	STRAIGHT



CLIENT:

DRAWING
TITLE:

DATE:

MINISTRY OF LOCAL GOVERNMENT,
CHIEFTAINCY & RELIGIOUS AFFAIRS

FIRST FLOOR SLAB DETAILS (BLK 'A')

OCTOBER, 2025

PROJECT: PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE



NOTE: - DIRECT MEASUREMENT IS NOT ALLOWED
- FOR ANY CLARIFICATION CONTACT (" +233 247 898" 540 OR
+233 242 316 175") ECO-PLANNERS AND ENGINEERING CONSULT

SCALE:

1 : 100

DESIGNED BY:

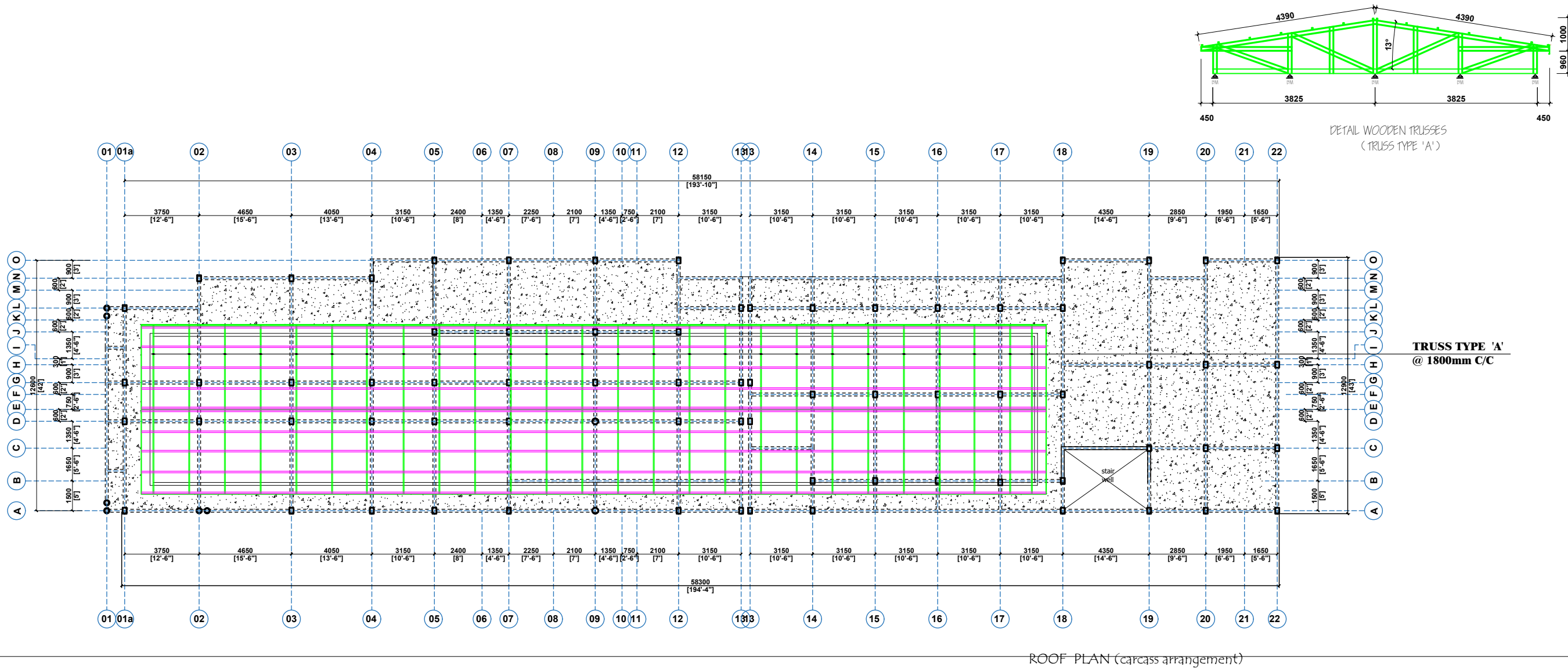
ECO - PLANNERS &
ENGINEERING CONSULT

DRAWN BY:

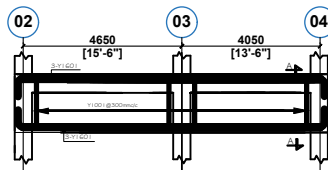
C. O. ABOARH & A. FRANK

DRG NO.:

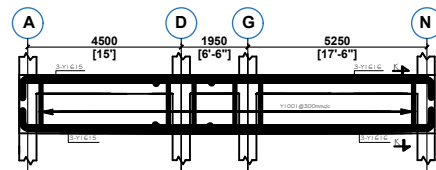
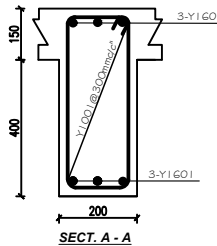
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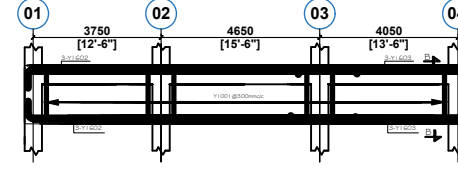
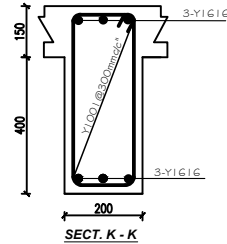
 ECO-PLANNERS & ENGINEERING CONSULT	CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT : PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE 	SCALE:	1 : 100	DRG NO.: ST05
	DRAWING TITLE:	ROOF PLAN (CACASS ARRANGEMENT - BLK 'A')		DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	
	DATE:	OCTOBER, 2025		DRAWN BY:	C. O. ABOARH & A. FRANK	
	NOTE : - DIRECT MEASUREMENT IS NOT ALLOWED - FOR ANY CLARIFICATION CONTACT (" +233 247 898" 540 OR +233 242 316 175") ECO-PLANNERS AND ENGINEERING CONSULT					



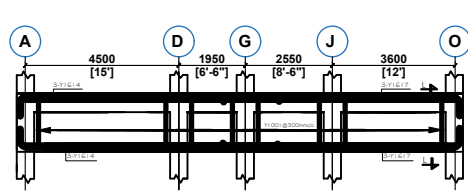
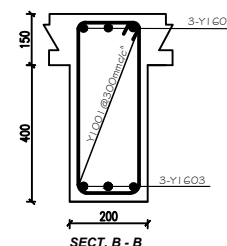
FLOOR BEAM ON G.L. N (1 NO)



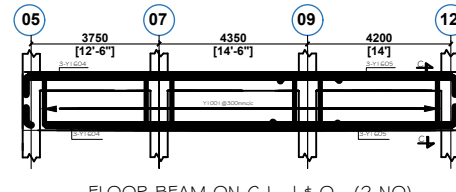
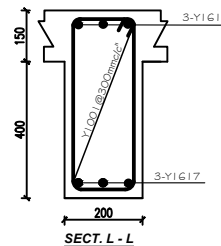
FLOOR BEAM ON G.L. 02, 03 & 04 (3 NO)



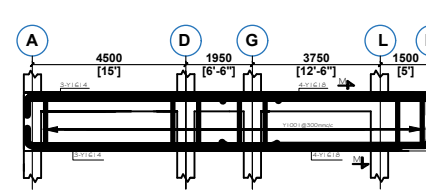
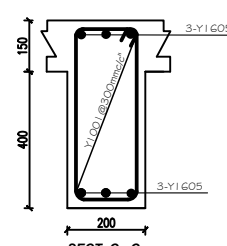
FLOOR BEAM ON G.L. D & G (2 NO)



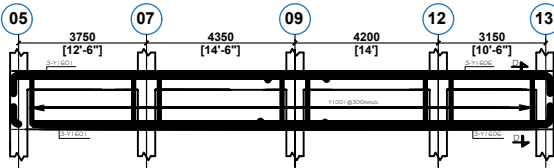
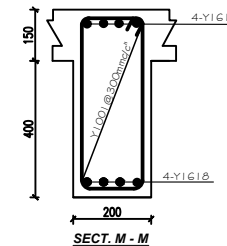
FLOOR BEAM ON G.L. 05, 07, 09, & 12 (4 NO)



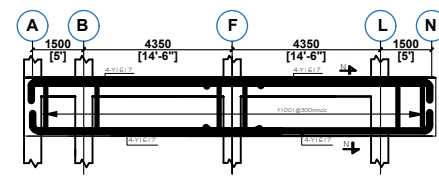
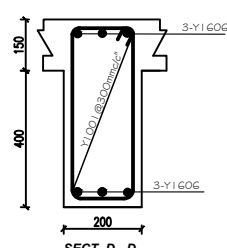
FLOOR BEAM ON G.L. J & O (2 NO)



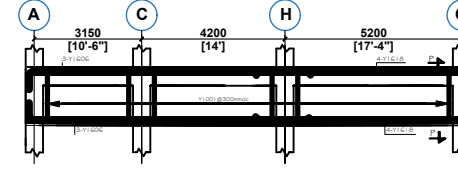
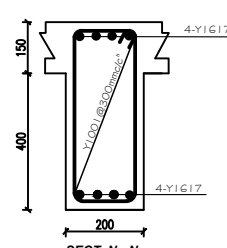
FLOOR BEAM ON G.L. 13 & 13a (2 NO)



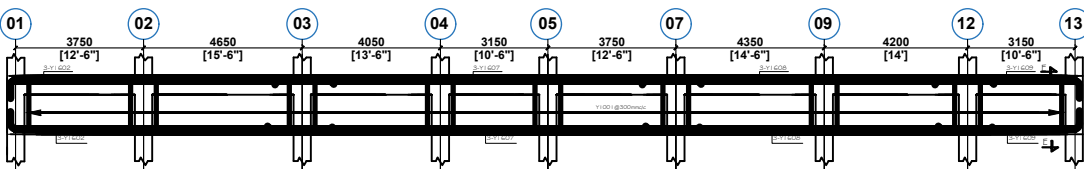
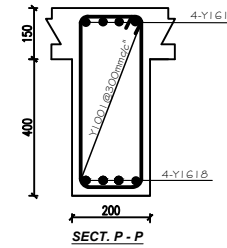
FLOOR BEAM ON G.L. D & G (2 NO)



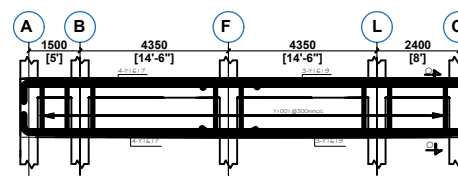
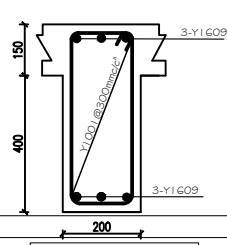
FLOOR BEAM ON G.L. 14, 15, 16 & 17 (4 NO)



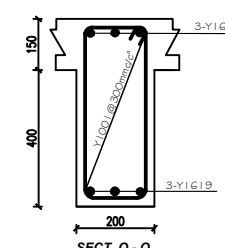
FLOOR BEAM ON G.L. 19 & 20 (2 NO)



FLOOR BEAM ON G.L. A (1 NO)



FLOOR BEAM ON G.L. 18 (1 NO)



BENDING SCHEDULE FOR FIRST & SECOND FLOOR

LOC.	BAR NO	DIA	QTY	LENGTH	SHAPE
TYPICAL BEAMS DETAILS	Y1601	16	20	9050	
	Y1602	16	18	9475	
	Y1603	16	12	4775	
	Y1604	16	12	9175	
	Y1605	16	12	5075	
	Y1606	16	24	8275	
	Y1607	16	6	12000	STRAIGHT
	Y1608	16	6	10000	STRAIGHT
	Y1609	16	6	3900	STRAIGHT
	Y1610	16	18	10275	
	Y1611	16	30	7175	
	Y1612	16	12	11150	
	Y1613	16	12	6750	
	Y1614	16	48	7275	
	Y1615	16	18	5375	
	Y1616	16	18	7975	
	Y1617	16	152	6875	
	Y1618	16	40	6275	
	Y1619	16	6	7575	
	Y1001	10	1450	1500	



CLIENT:

MINISTRY OF LOCAL GOVERNMENT,
CHIEFTAINCY & RELIGIOUS AFFAIRS

DRAWING
TITLE:

BEAM (1 of 2)

DATE:

OCTOBER, 2025

PROJECT:

PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE



NOTE:

- DIRECT MEASUREMENT IS NOT ALLOWED
- FOR ANY CLARIFICATION CONTACT (" +233 247 898" 540 OR +233 242 316 175") ECO-PLANNERS AND ENGINEERING CONSULT

SCALE:

1 : 100

DESIGNED BY:

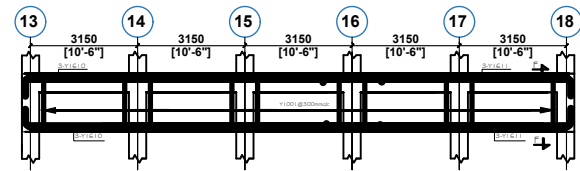
ECO - PLANNERS &
ENGINEERING CONSULT

DRAWN BY:

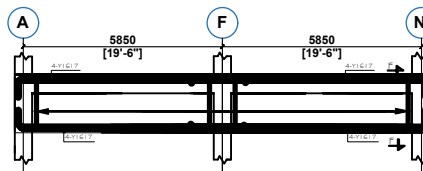
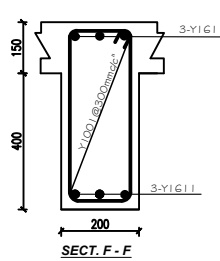
C. O. ABOARH & A. FRANK

DRG NO.:

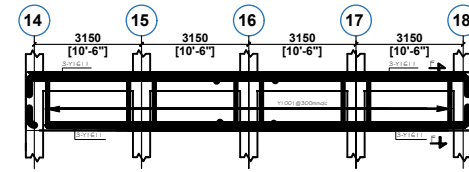
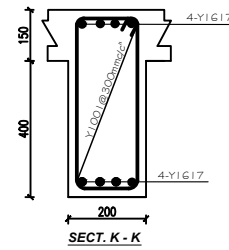
ST06



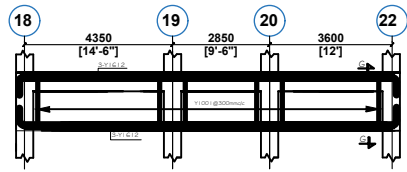
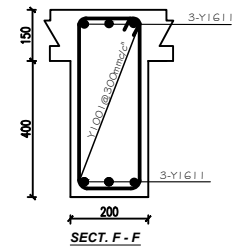
FLOOR BEAM ON G.L. L (1 NO)



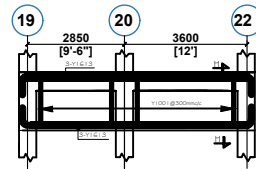
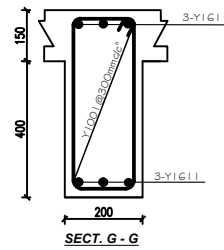
FLOOR BEAM ON G.L. 23, 25, 26 & 27 (4 NO)



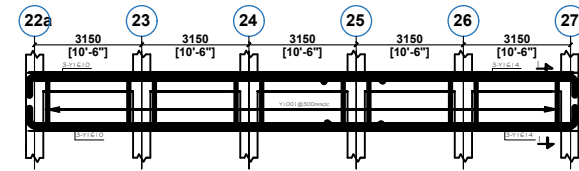
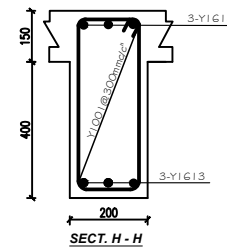
FLOOR BEAM ON G.L. F & B (2 NO)



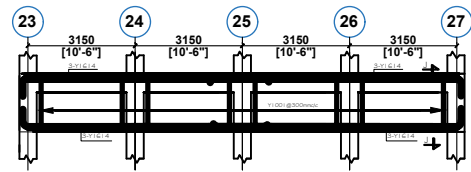
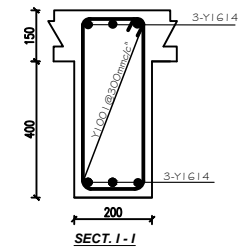
FLOOR BEAM ON G.L. A & O (2 NO)



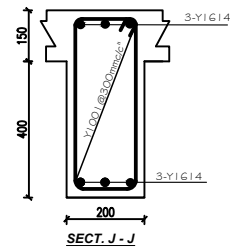
FLOOR BEAM ON G.L. A & H (2 NO)



FLOOR BEAM ON G.L. A & N (2 NO)



FLOOR BEAM ON G.L. F (1 NO)



CLIENT:

DRAWING
TITLE:

DATE:

MINISTRY OF LOCAL GOVERNMENT,
CHIEFTAINCY & RELIGIOUS AFFAIRS

BEAM (2 of 2)

OCTOBER, 2025

PROJECT :

PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE



NOTE :

- DIRECT MEASUREMENT IS NOT ALLOWED
- FOR ANY CLARIFICATION CONTACT (" +233 247 898" 540 OR +233 242 316 175") ECO-PLANNERS AND ENGINEERING CONSULT

SCALE:

1 : 100

DESIGNED BY:

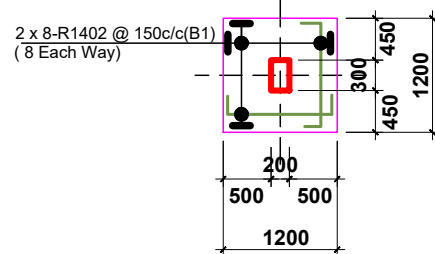
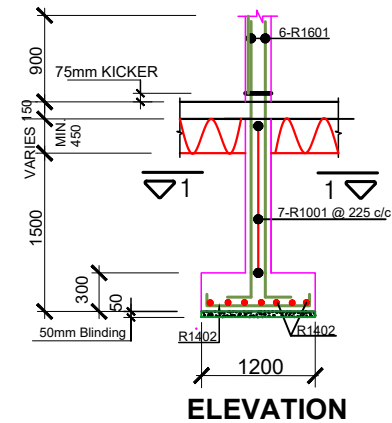
ECO - PLANNERS &
ENGINEERING CONSULT

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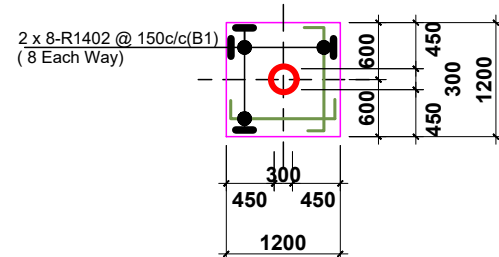
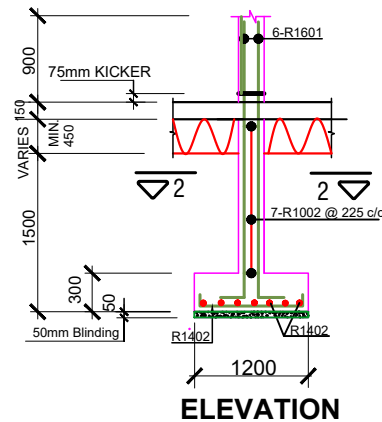
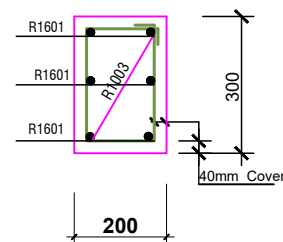
C. O. ABOARH & A. FRANK

DRG NO.:

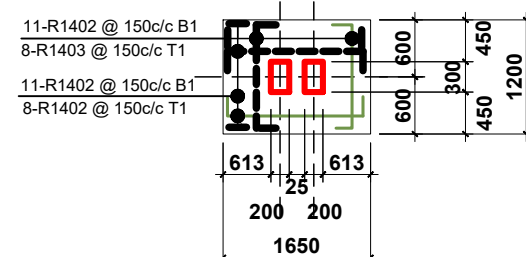
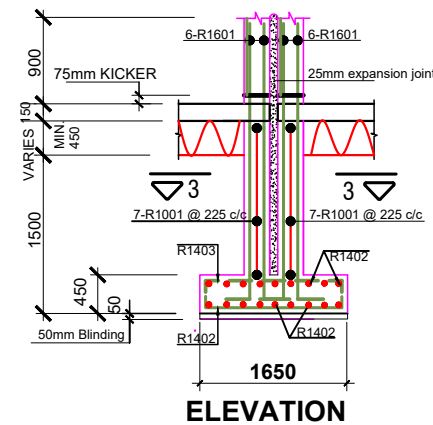
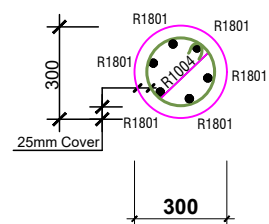
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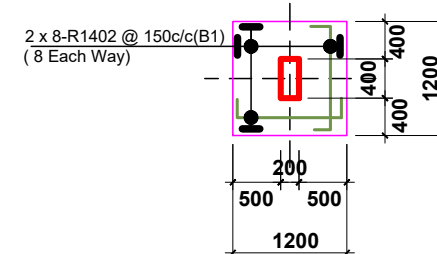
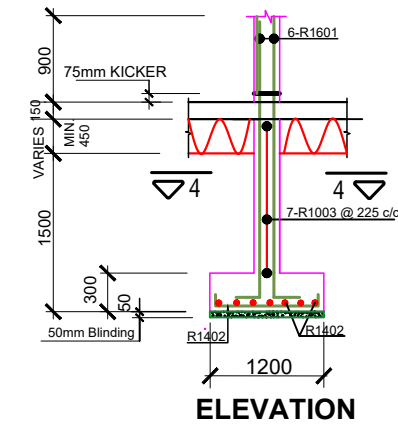
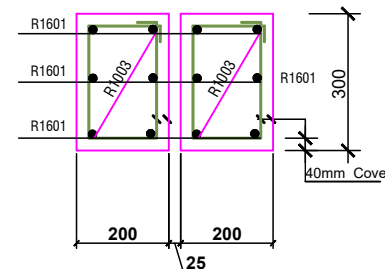
COL. BASE TYPE 'B1' (71 No. THUS)



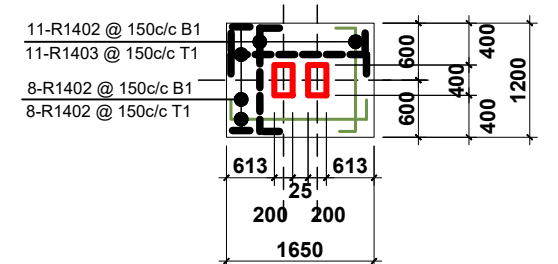
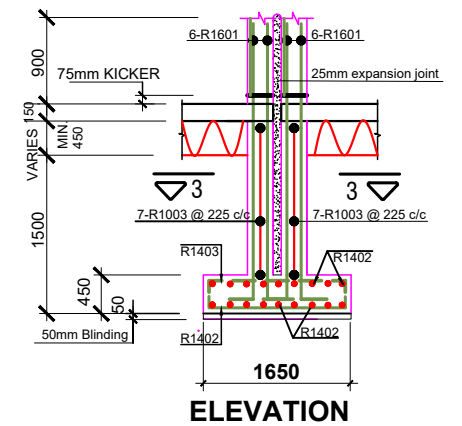
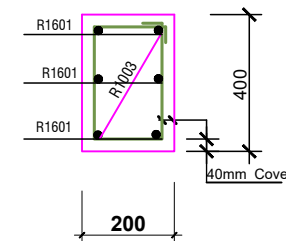
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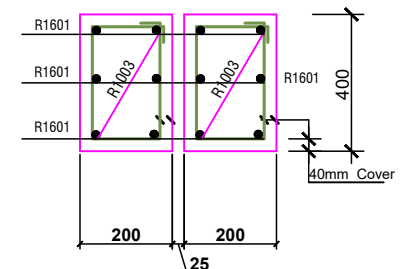
COL. BASE TYPE 'B3' (7 No. THUS)



COL. BASE TYPE 'B4' (34 No. THUS)



COL. BASE TYPE 'B5' (5 No. THUS)



BENDING SCHEDULE						
LOCA.	BAR MARK	DIA mm	No EACH	TOTAL No	LENGTH mm	BENDING SKETCH
BASE TYPE 'B1' (144 No THUS)	R1801	16	6	864	3200	200 VARIES 3000 min.
	R1402	14	16	2304	1400	150 1100 150
	R1001	10	7	1008	900	50 250 150
BASE TYPE 'B2' (20 No ONLY)	R1601	16	6	120	3200	200 VARIES 3000 min.
	R1402	14	16	320	1400	150 1100 150
	R1002	10	7	140	700X(2)	CIRC. 600 30 150

BENDING SCHEDULE						
LOCA.	BAR MARK	DIA mm	No EACH	TOTAL No	LENGTH mm	BENDING SKETCH
BASE TYPE 'B3' (14 No ONLY)	R1601	16	12	168	3200	200 VARIES 3000 min.
	R1402	14	22	308	1800	150 1500 150
	R1403	14	16	40	2100	150 1100 150
	R1001	10	14	196	900X(2)	AS R1001 ABOVE
BASE TYPE 'B4' (89 No THUS)	R1601	16	6	594	3200	200 VARIES 3000 min.
	R1402	14	16	1584	1200	150 1100 150
	R1003	10	7	693	1050	50 325 150

BENDING SCHEDULE						
LOCA.	BAR MARK	DIA mm	No EACH	TOTAL No	LENGTH mm	BENDING SKETCH
BASE TYPE 'B5' (3 No ONLY)	R1601	16	12	36	3200	200 VARIES 3000 min.
	R1402	14	22	66	1800	150 1500 150
	R1403	14	16	48	2100	6 1100 150
	R1003	10	14	42	1050X(2)	AS R1003 ABOVE



CLIENT:

DRAWING TITLE:

DATE:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

COLUMN (1 of 2)

PROJECT : **PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE**

NOTE :



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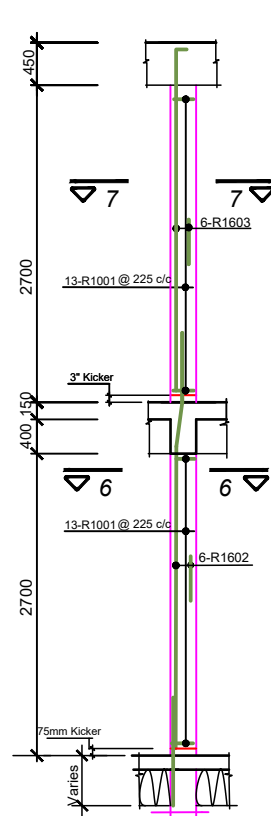
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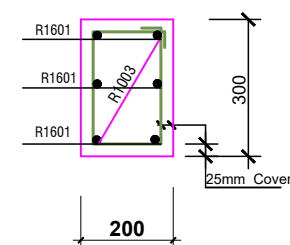
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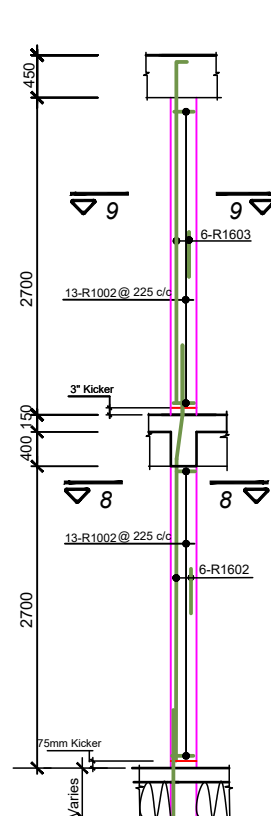
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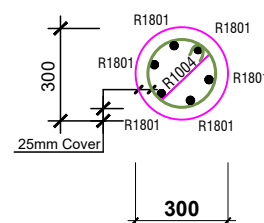
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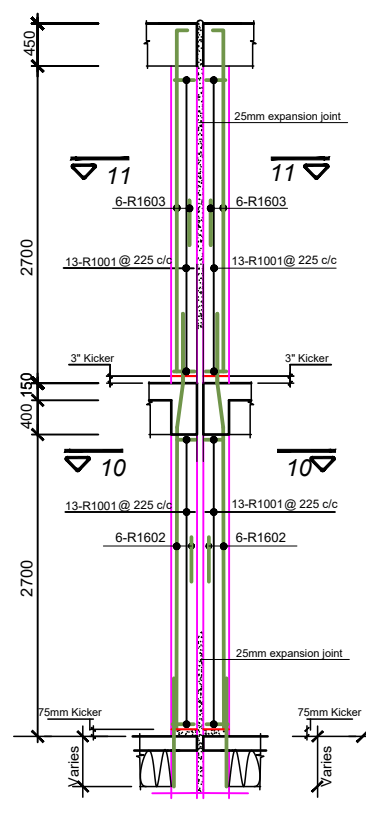
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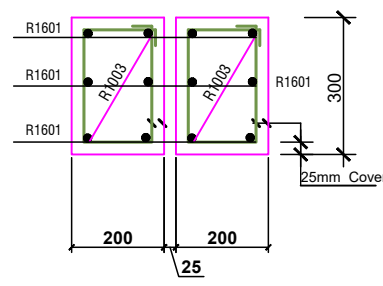
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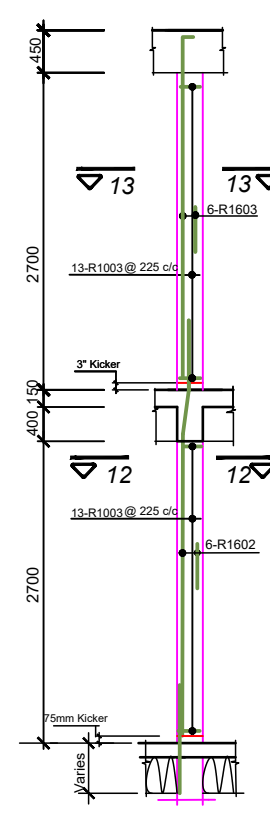
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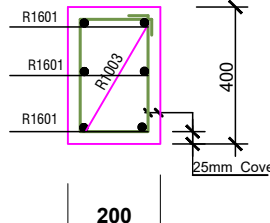
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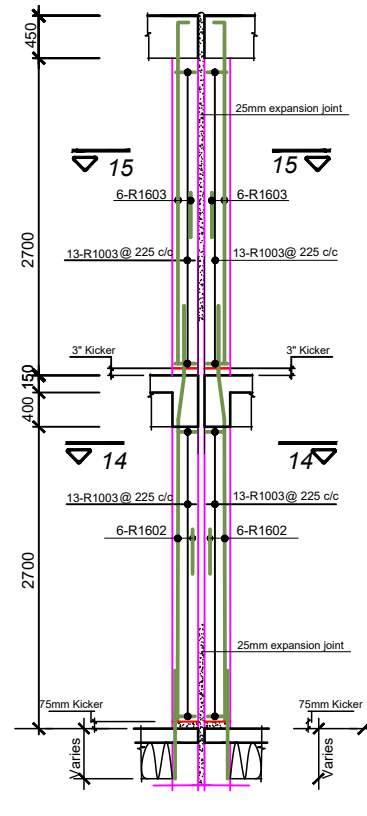
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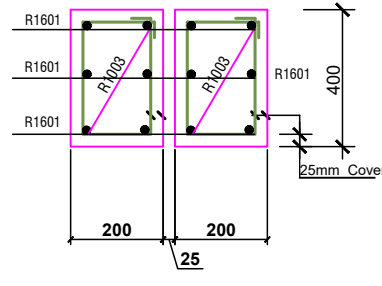
COLUMN TYPE 'C4' (54 No. THUS)



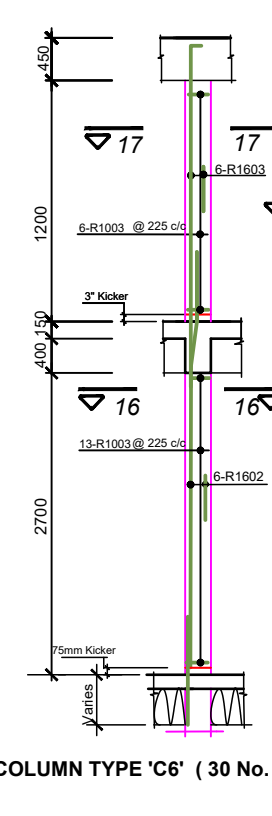
SECTION 12-12/13-13



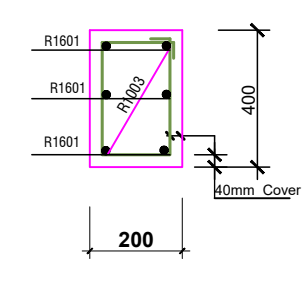
COLUMN TYPE 'C5' (5 No. THUS)



SECTION 14-14/15-15



COLUMN TYPE 'C6' (30 No. THUS)



SECTION 16-16/17-17

BENDING SCHEDULE						
LOC.	BAR MARK	DIA mm	No EACH	TOTAL No	LENGTH mm	BENDING SKETCH
COL. TYPE C1 (144 No. THUS)	R1602	16	6	864	4050	2850 300 900
	R1603	16	6	864	3050	2900 150
	R1001	10	26	3744	900	500 250 150
COL. TYPE C2 (20 No. THUS)	R1602	16	6	120	4050	2850 300 900
	R1603	16	6	120	3050	2900 150
	R1002	10	26	520	800	CIRC. 600 50
COL. TYPE C3 (14 No. THUS)	R1602	16	12	168	4050	2850 300 900
	R1603	16	12	168	3050	2900 150
	R1001	10	52	728	900x(2)	AS R1001 ABOVE
COL. TYPE C4 (99 No. THUS)	R1602	16	6	594	4050	2850 300 900
	R1603	16	6	594	3050	2900 150
	R1003	10	52	2574	1050x(2)	500 325 150
COL. TYPE C5 (3 No. THUS)	R1602	16	12	36	4050	2850 300 900
	R1603	16	12	36	3050	2900 150
	R1003	10	52	156	1050x(2)	500 325 150
COL. TYPE C6 (30 No. THUS)	R1602	16	6	180	4050	2850 300 900
	R1603	16	6	180	1350	1200 150
	R1003	10	26	780	1050x(2)	500 325 150



CLIENT:

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MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

COLUMN (2 of 2)

PROJECT : **PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE**

NOTE :



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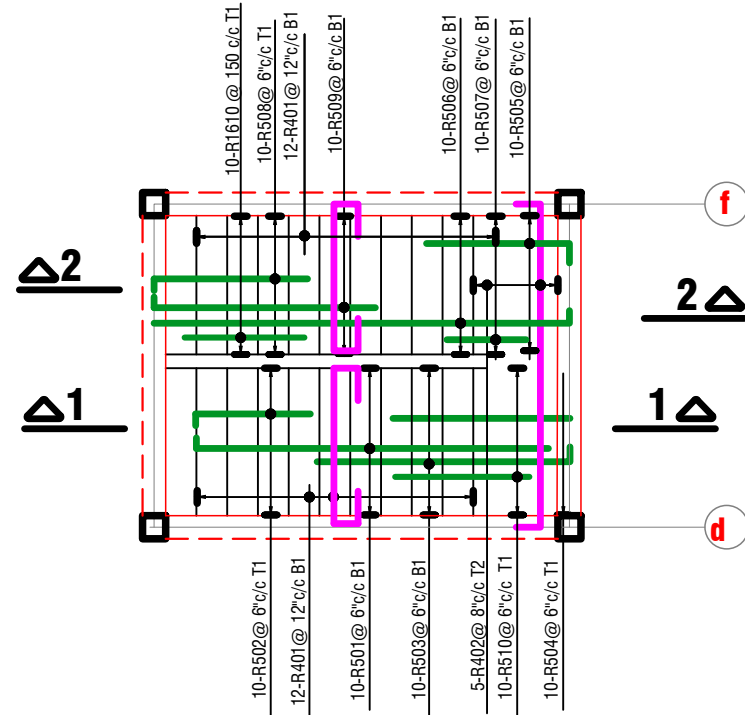
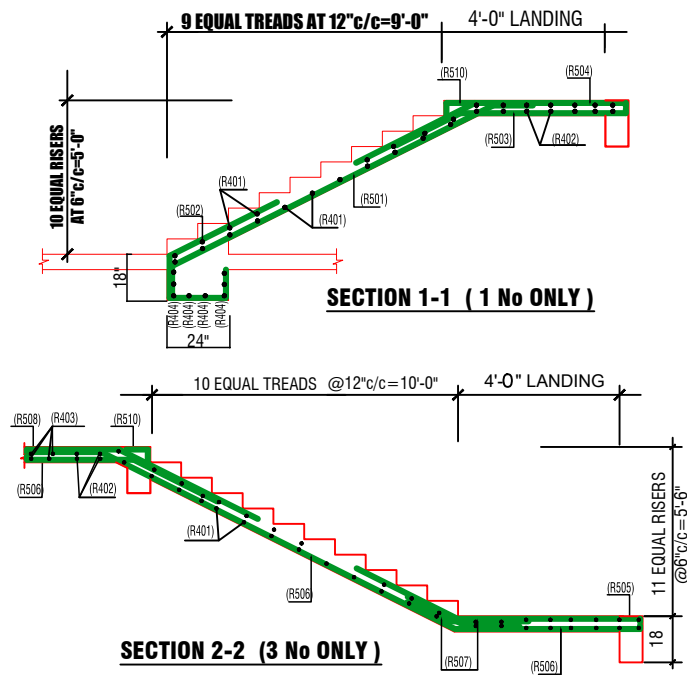
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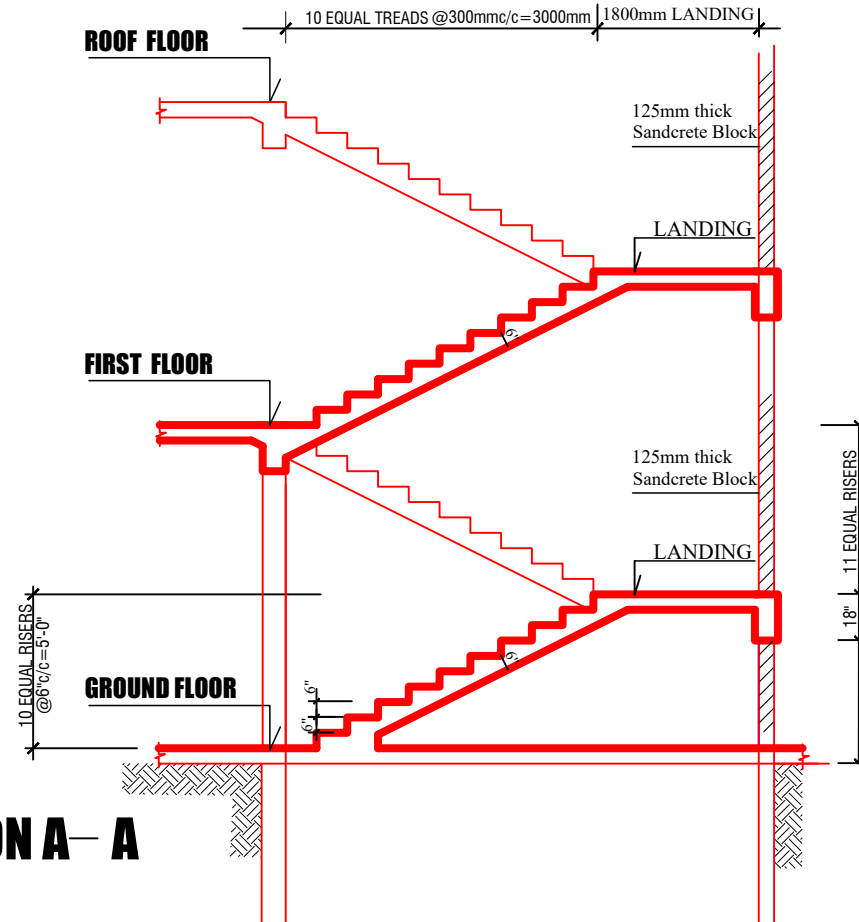
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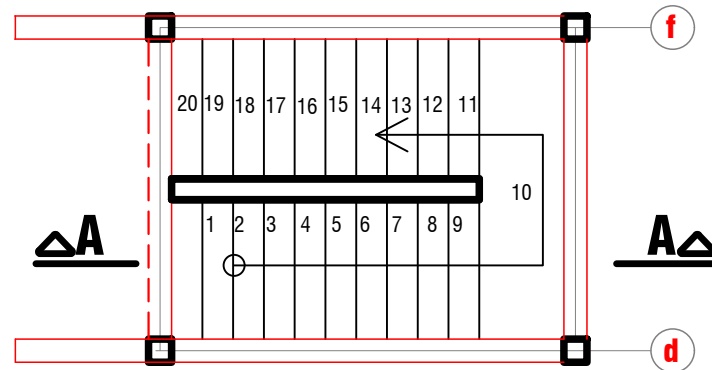
ST09



R.C STAIRCASE DETAILS FROM GROUND FLOOR TO FIRST FLOOR



SECTION A-A



G.A. STAIRCASE FROM GROUND FLOOR TO ROOF FLOOR

BENDING SCHEDULE									
LOCAL	BAR MARK	DIA. mm	No EACH	TOTAL No	LENGTH mm	BENDING SKETCH			
STAIRCASE DETAILS	R401	12	24	24	2175	50	300	1475	50
	R402	12	5	10	3100	50	3000		50
	R403	12	4	8	1675	50	1575		50
	R404	12	10	20	1150	50	1050		50
	R501	16	10	20	2500	550	900	550	500
	R502	16	10	20	3850	550	2700	600	
	R503	16	10	20	2650	50	900	1700	50
	R504	16	10	20	2450	50	900	1700	50
	R505	16	10	20	1900	50	900	950	
	R506	16	10	20	5300	750	3000	1500	50
HALF LANDING BEAM DETAILS	R507	16	10	20	750	50	300	450	
	R508	16	10	20	1300	50	500	750	
	R509	16	10	20	1300	50	300	950	
	R510	16	10	20	1650	50	750	900	
	R301	3/8"	13	26	1150	175	400	175	
	R511	5/8"	4	8	3300	150	3000	150	



CLIENT:

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TITLE:**

DATE:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

STAIR TYPE 1

PROJECT : **PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE**

NOTE :



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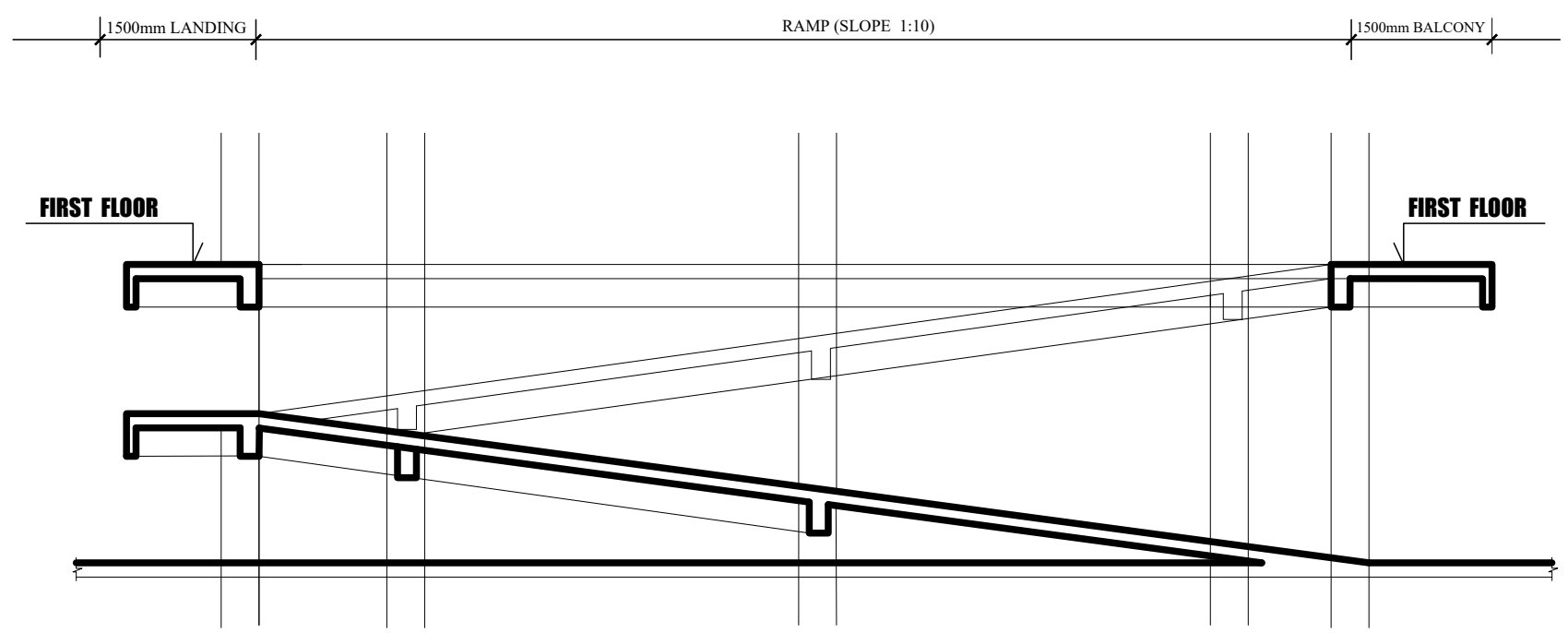
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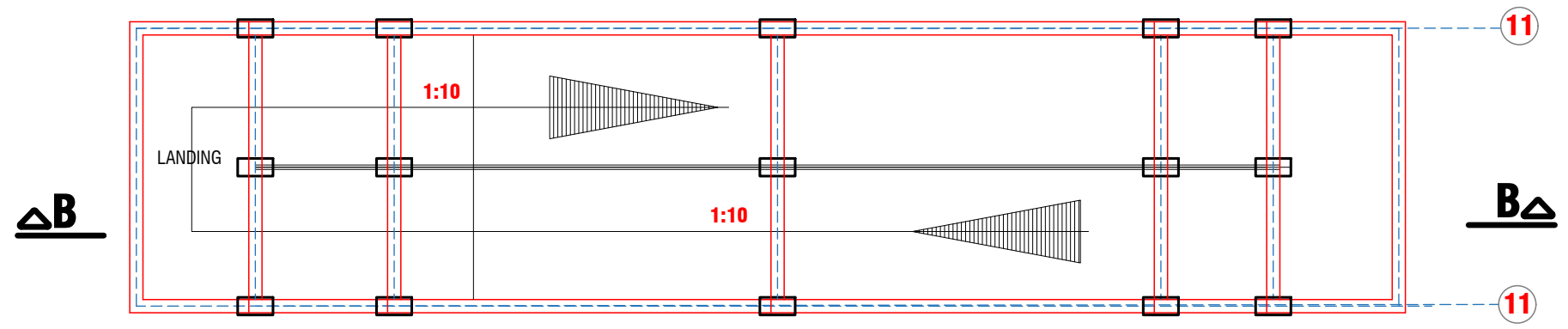
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DRG NO.:

ST10

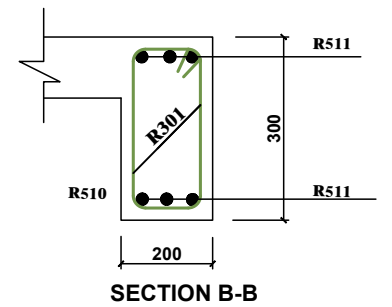
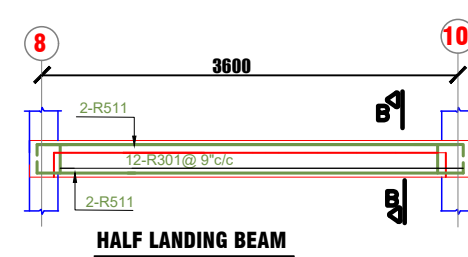
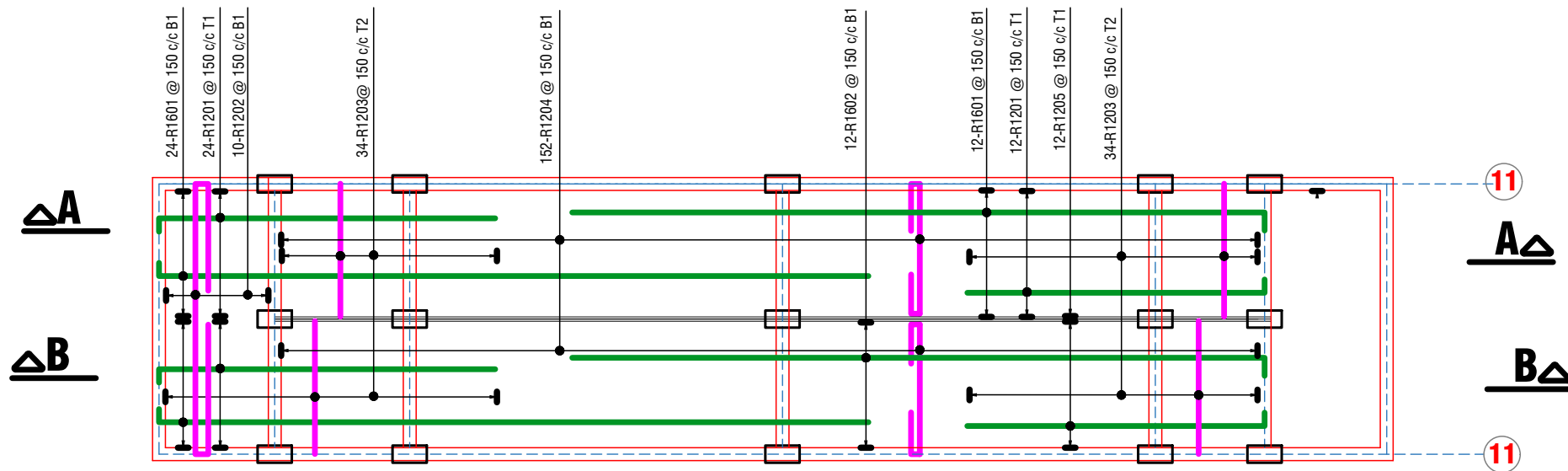


 **SECTION B - B**
SCALE ; 1 : 100



G.A. RAMP FROM GROUND FLOOR TO FIRST FLOOR (type 2)

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	DRAWING TITLE:	RAMP TYPE 2 (1 of 2)			DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	
	DATE:		NOTE :	DRAWN BY:	C. O. ABOARH & A. FRANK		



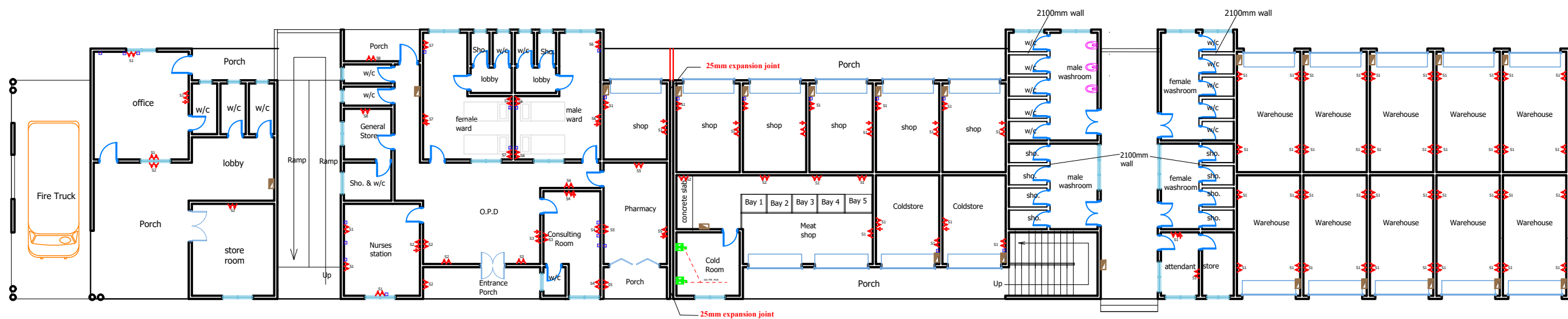
BENDING SCHEDULE						
LOCA	BAR MARK	DIA mm	No EACH	TOTAL No	Length mm	BENDING SKETCH
RAMP DETAILS	R1601	16	48	48	8350	50 1500 6800
	R1201	12	96	96	4000	50 1500 2450
	R1202	12	10	10	5650	1200 1200 50 3150
	R1203	12	136	136	1550	STRAIGHT
	R1204	12	304	304	2750	550 1150 50
	R1602	16	12	12	8900	6800 750 500
HALF LANDING BEAM DETAILS	R1205	12	12	12	4750	4000 750
	R301	10	16	16	1250	175 400 175
	R511	16	6	6	3900	150 3600 150

ELECTRICAL, FIRE SYSTEM, AC & PLUMBING DRAWINGS

BLOCK A

ELECTRICAL LIGHTING

POWER DRAWINGS



LEGEND (POWER LOAD)					
SYMBOL	DESCRIPTION	1	2	3	4
	1000V AC power outlet	10	10.00	10.00	10.00
	240V AC power outlet	0	0	0	0
	TV outlet	12	0	0	0
	Data outlet	29	0	0	0
	Telephone outlet	2	0	0	0
	Hand dryer	6	0	0	0
	Distribution board	3	0	0	0
	Panel board	0	0	0	0

GROUND FLOOR PLAN



CLIENT:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

DRAWING
TITLE:

ELECTRICAL LAYOUT (POWER SYSTEM)

DATE:

PROJECT :

**PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE**



NOTE :

- DIRECT MEASUREMENT IS NOT ALLOWED
- FOR ANY CLARIFICATION CONTACT ("++233 247 898" 540 OR
"++233 242 316 175" or "++233 271 010 146") ECO PLANNERS &
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SCALE:

1 : 100

DESIGNED BY:

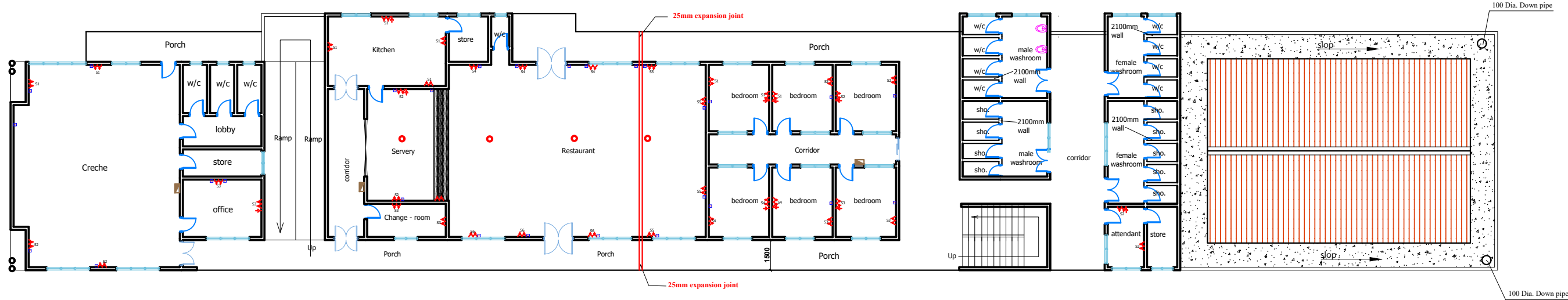
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DRAWN BY:

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DRG NO.:

E03



LEGEND (POWER LOAD)					
SYMBOL	DESCRIPTION	1	2	3	4
	100mm water meter socket	39	6.600	23.4	5.6 (14.04)
	100mm water meter	0			1.6 (4.04)
	TV socket	12	0	0	0
	Data socket	29	0	0	0
	Telephone socket	2	0	0	0
	Hand dryer	6	0	0	0
	Distribution board	3	0	0	0
	Panel board	0	0	0	0

FIRST FLOOR PLAN



CLIENT:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

DRAWING
TITLE:

ELECTRICAL LAYOUT (POWER SYSTEM)

DATE:

PROJECT :

PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE



NOTE :

SCALE:

1 : 100

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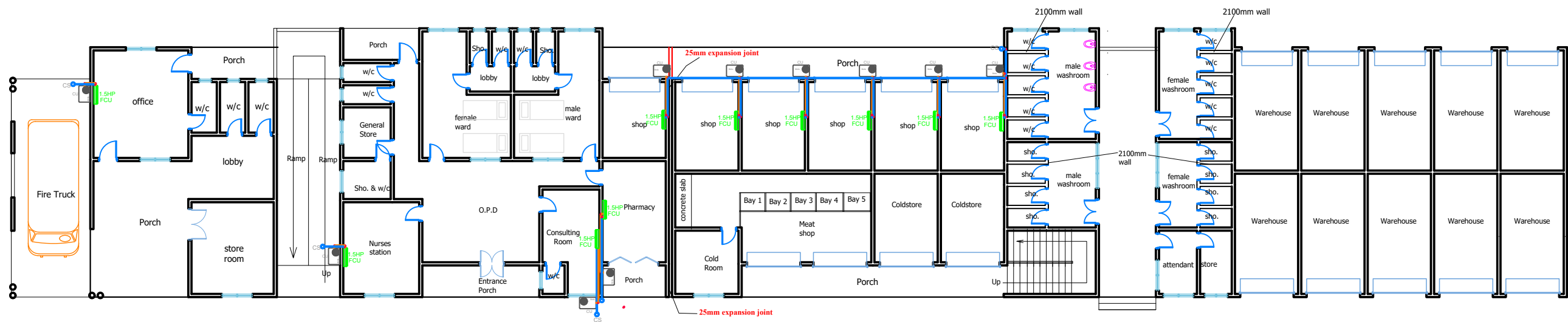
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DRG NO.:

E04

AIR CONDITION

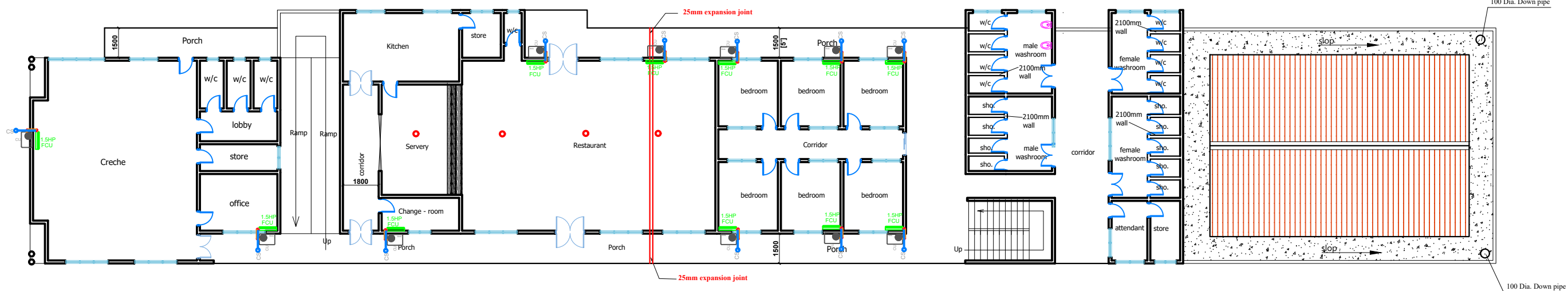


LEGEND H.V.A.C

	CONDENSATE DRAIN PIPE
	INSULATED REFRIGERANT PIPE
FCU	INDOOR FAN COIL UNIT
CU	OUTDOOR CONDENSING UNIT
CS	CONDENSATE SOAKAWAY
	H.V.A.C OUTDOOR UNIT
	H.V.A.C INDOOR UNIT

GROUND FLOOR PLAN

 ECO-PLANNERS & ENGINEERING CONSULT	CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT : PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE 	SCALE:	1 : 100	DRG NO.: E05
	DRAWING TITLE:	MECHANICAL LAYOUT(H.V.A.C)		DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	
	DATE:			DRAWN BY:	C. O. ABOARH & A. FRANK	
	NOTE : - DIRECT MEASUREMENT IS NOT ALLOWED - FOR ANY CLARIFICATION CONTACT (" +233 247 898" 540 OR " +233 242 316 175" or " +233 271 010 146") ECO PLANNERS & ENGINEERING CONSULT					



LEGEND	
H.V.A.C	
	CONDENSATE DRAIN PIPE
	INSULATED REFRIGERANT PIPE
	INDOOR FAN COIL UNIT
	OUTDOOR CONDENSING UNIT
	CONDENSATE SOAKAWAY
	H.V.A.C OUTDOOR UNIT
	H.V.A.C INDOOR UNIT

FIRST FLOOR PLAN



CLIENT:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

DRAWING
TITLE:

MECHANICAL LAYOUT(H.V.A.C)

DATE:

PROJECT :

PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE



NOTE :

SCALE:

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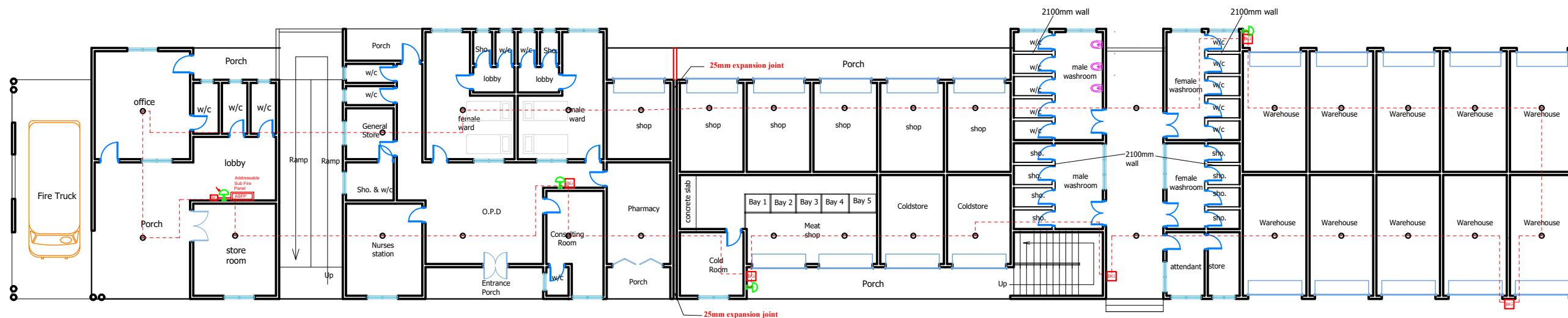
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DRG NO.:

E06

FIRE ALARM SYSTEM



LEGEND	
F.A.S	
BG	Call point break glass
ES	Electronic sounder
SD	Photoelectric smoke detector
FAP	FIRE ALARM PANEL

GROUND FLOOR PLAN



CLIENT:
DRAWING
TITLE:
DATE:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

FIRE ALARM SYSTEM

PROJECT :
**PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE**



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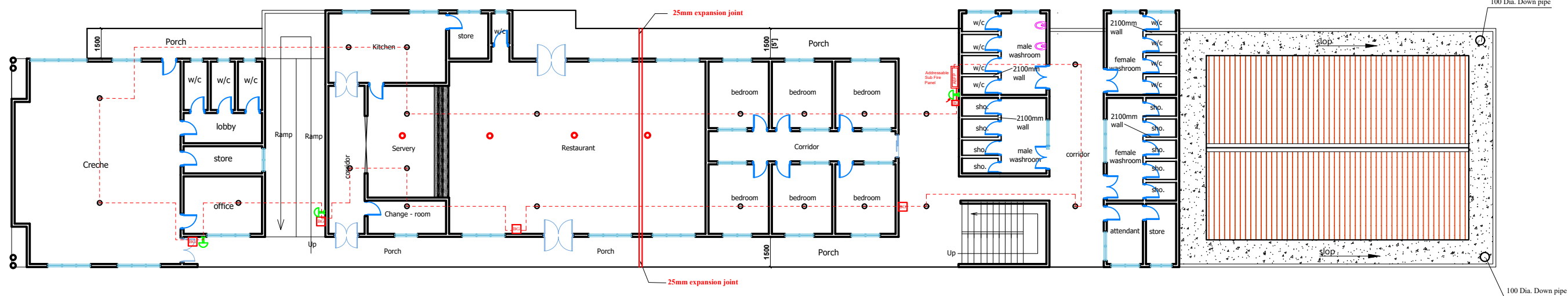
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DRG NO.:

E07



FIRST FLOOR PLAN

LEGEND
F.A.S

	Call point break glass
	Electronic sounder
	Photoelectric smoke detector
	FIRE ALARM PANEL



CLIENT:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

DRAWING
TITLE:

FIRE ALARM SYSTEM

DATE:

PROJECT : **PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE**



NOTE :

SCALE:

1 : 100

DESIGNED BY:

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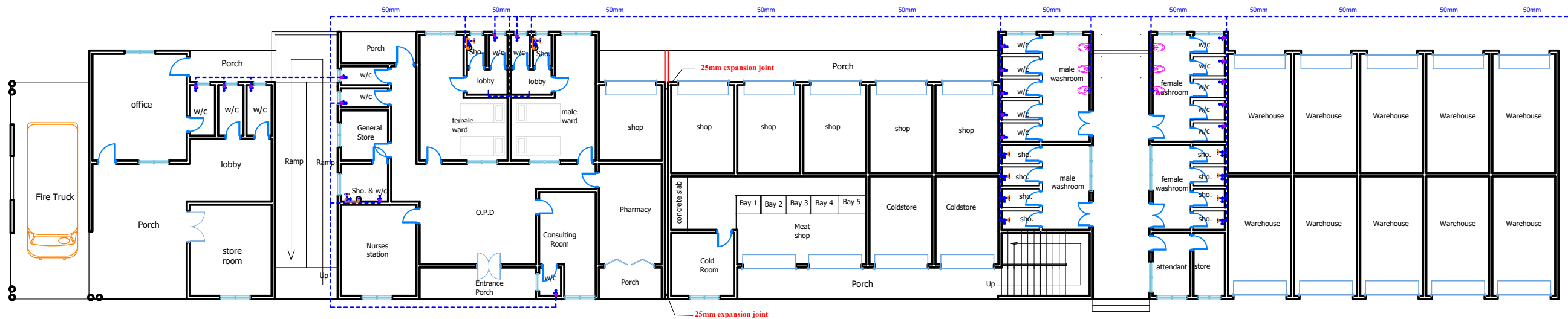
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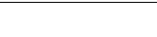
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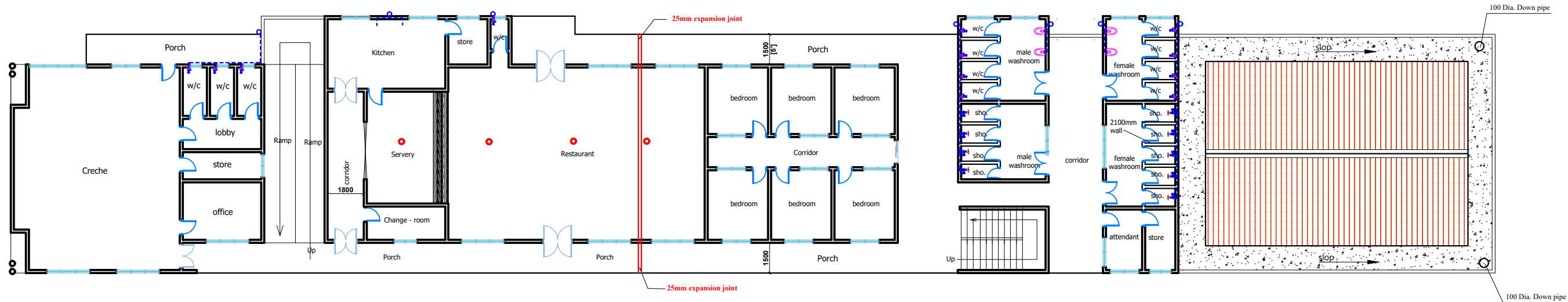
PLUMBING WORKS



LEGEND	
PLUMBING	
	Sink
	Toilet
	Shower
	Bathtub
	Bidet
	Floor drain
	Vent pipe
	Water supply pipe
	Waste pipe
	Vent pipe

GROUND FLOOR PLAN

 ECO-PLANNERS & ENGINEERING CONSULT	CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT : PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE 	SCALE:	1 : 100	DRG NO.: E09
	DRAWING TITLE:	PLUMBING LAYOUT (CLEAN WATER SYSTEM)		DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	
	DATE:		DRAWN BY:	C. O. ABOARH & A. FRANK		
	NOTE : - DIRECT MEASUREMENT IS NOT ALLOWED - FOR ANY CLARIFICATION CONTACT (" +233 247 898" 540 OR " +233 242 316 175" or " +233 271 010 146") ECO PLANNERS & ENGINEERING CONSULT					



LEGEND PLUMBING	
	Sink
	Toilet
	Shower
	Washbasin
	Water Closet (WC)
	Water Closet (WC)
	Water Closet (WC)
	Water Closet (WC)
	Water Closet (WC)
	Water Closet (WC)

FIRST FLOOR PLAN



CLIENT:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

DRAWING
TITLE:

PLUMBING LAYOUT (CLEAN WATER SYSTEM)

DATE:

PROJECT :

PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE



NOTE :

SCALE:

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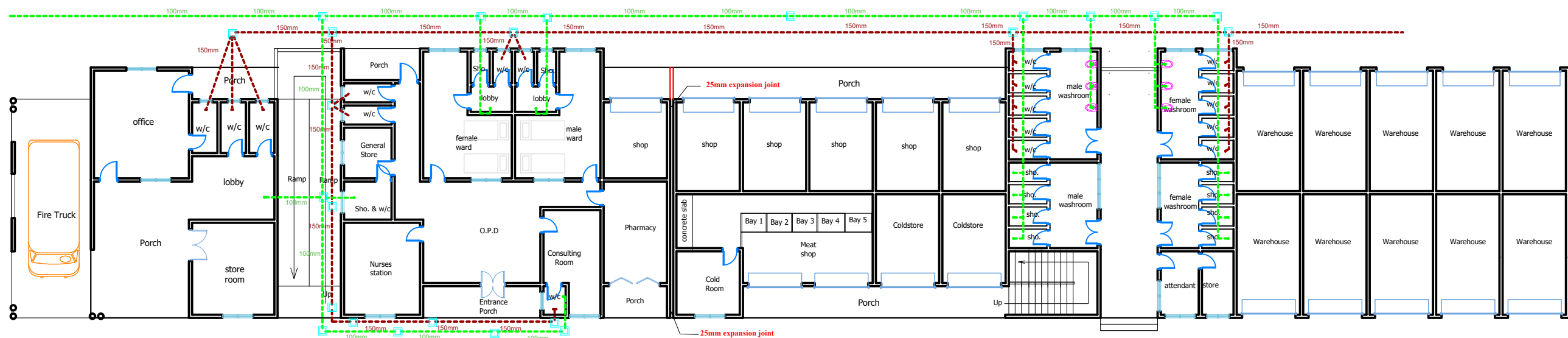
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DRG NO.:

E10



LEGEND PLUMBING	
	Water closet
	Sewer
	Waste
	Sink
	Shower
	Male washroom
	Female washroom
	Attendant store
	25mm sewer pipe (pvc)
	100mm waste water pipe (pvc)

GROUND FLOOR PLAN



CLIENT:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

DRAWING
TITLE:

PLUMBING LAYOUT (WASTE & SEWAL SYSTEM)

DATE:

PROJECT :

**PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE**



NOTE :

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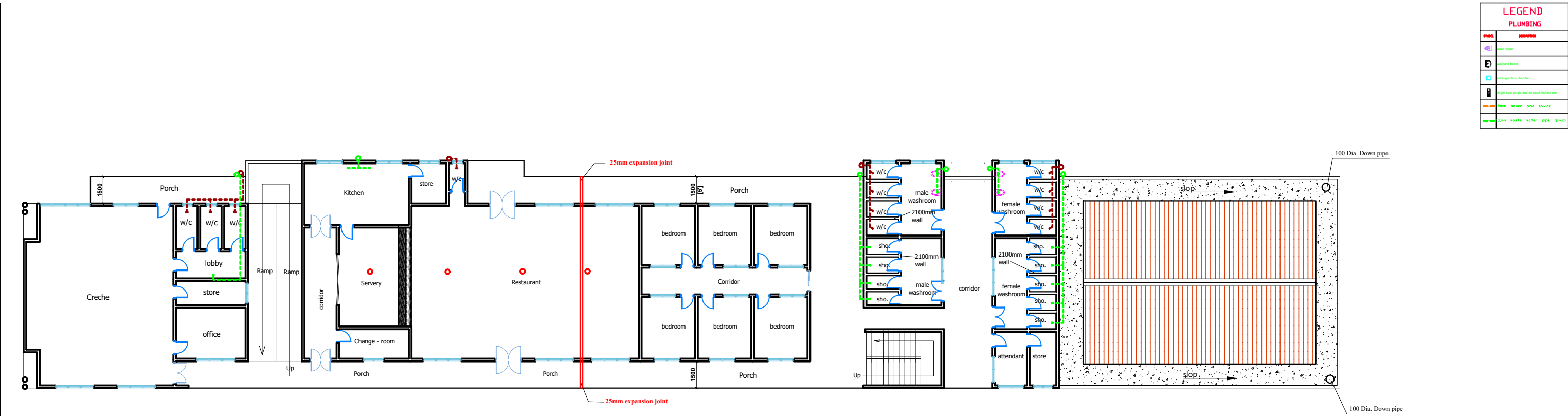
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DRG NO.:

E11



LEGEND	
SYMBOL	DESCRIPTION
	water closet
	shower
	washroom
	inspection chamber
	sewer pipe (pvc)
	water pipe (pvc)

FIRST FLOOR PLAN



CLIENT:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

DRAWING
TITLE:

PLUMBING LAYOUT (WASTE & SEWAL SYSTEM)

DATE:

PROJECT :

PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE



SCALE:

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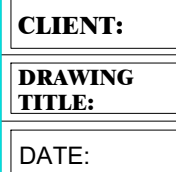
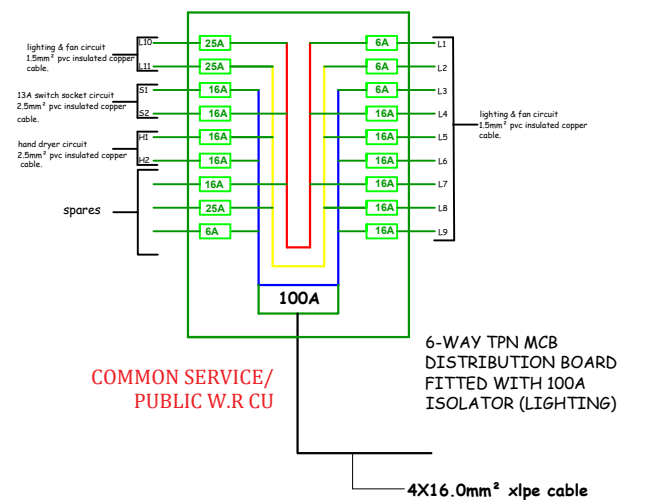
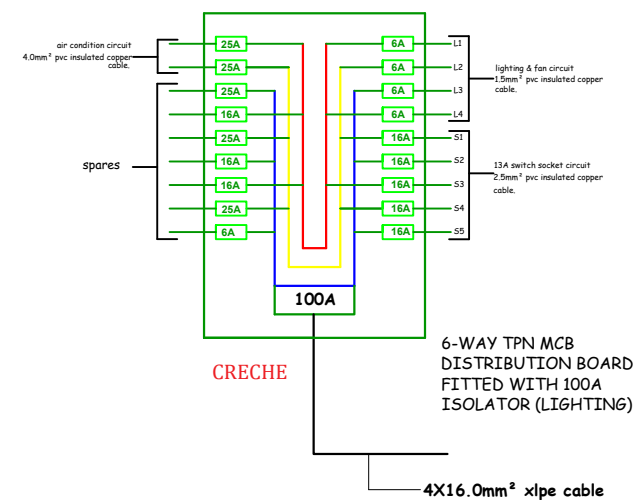
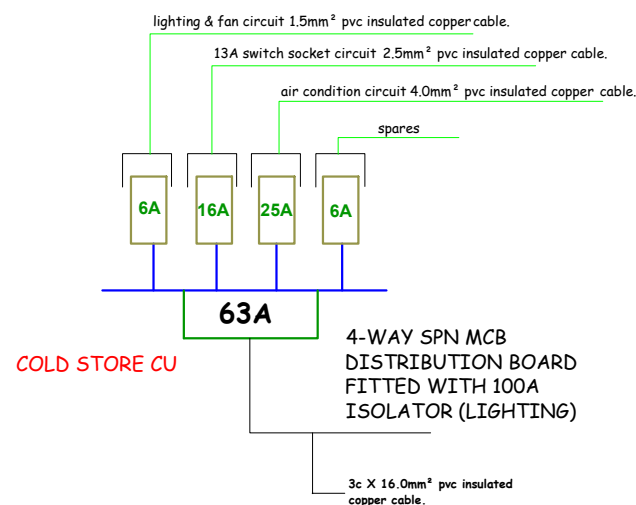
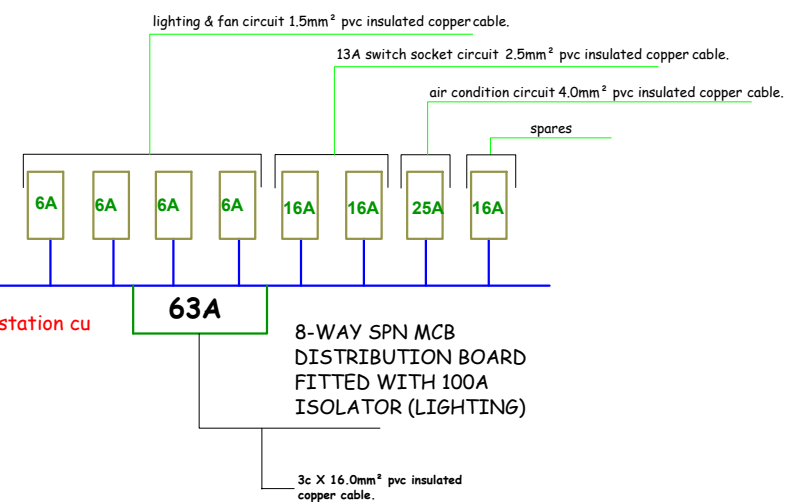
C. O. ABOARH & A. FRANK

DRG NO.:

E12

NOTE :

SCHEMATICS



ELECTRICAL CIRCUIT CONTROL UNIT

NOTE :

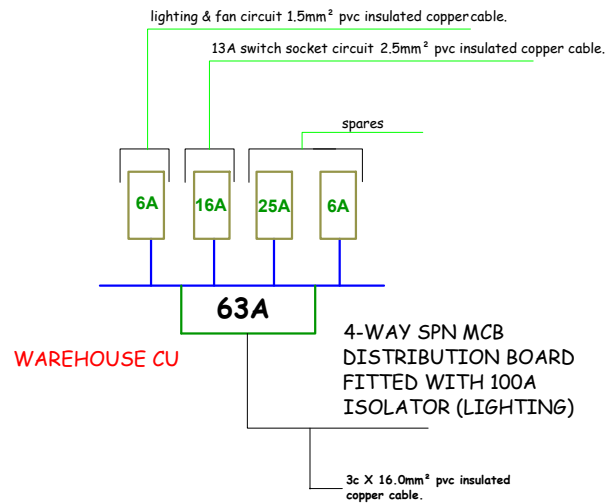
- DIRECT MEASUREMENT IS NOT ALLOWED
- FOR ANY CLARIFICATION CONTACT ("233 247 898" 540 OR "233 242 316 175" or "233 271 010 146") ECO PLANNERS & ENGINEERING CONSULT

1 : 100

**ECO - PLANNERS &
ENGINEERING CONSULT**

C. O. ABOARH & A. FRANK

E13



LEGEND

(POWER LOAD FOR GF & FF)

A	TOTAL ASSUMED LIGHTING LOAD(KV)					9.848
⚡	2 x 13A switch socket outlet.	131	0.600	78.6	0.6	47.16
⚡	30A DP air condition switch	21	2.700	56.7	0.8	45.36
🔌	20-litre capacity water heater.	0	1.200	0	0.8	0
B	TOTAL ASSUMED POWER LOAD(KV)					92.52
	TOTAL ASSUMED LOAD(KV) A+B					102.4



CLIENT:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

DRAWING
TITLE:

ELECTRICAL CIRCUIT CONTROL UNIT

DATE:

PROJECT :

PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE



NOTE :

SCALE:

1 : 100

DESIGNED BY:

ECO - PLANNERS &
ENGINEERING CONSULT

DRAWN BY:

C. O. ABOARH & A. FRANK

DRG NO.:

E14