

MODEL MARKET 2



CLIENT:

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

PROJECT:

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



LOCATION :



BLOCK B

LOCKABLE SHOPS

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 B

LOCKABLE SHOPS

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

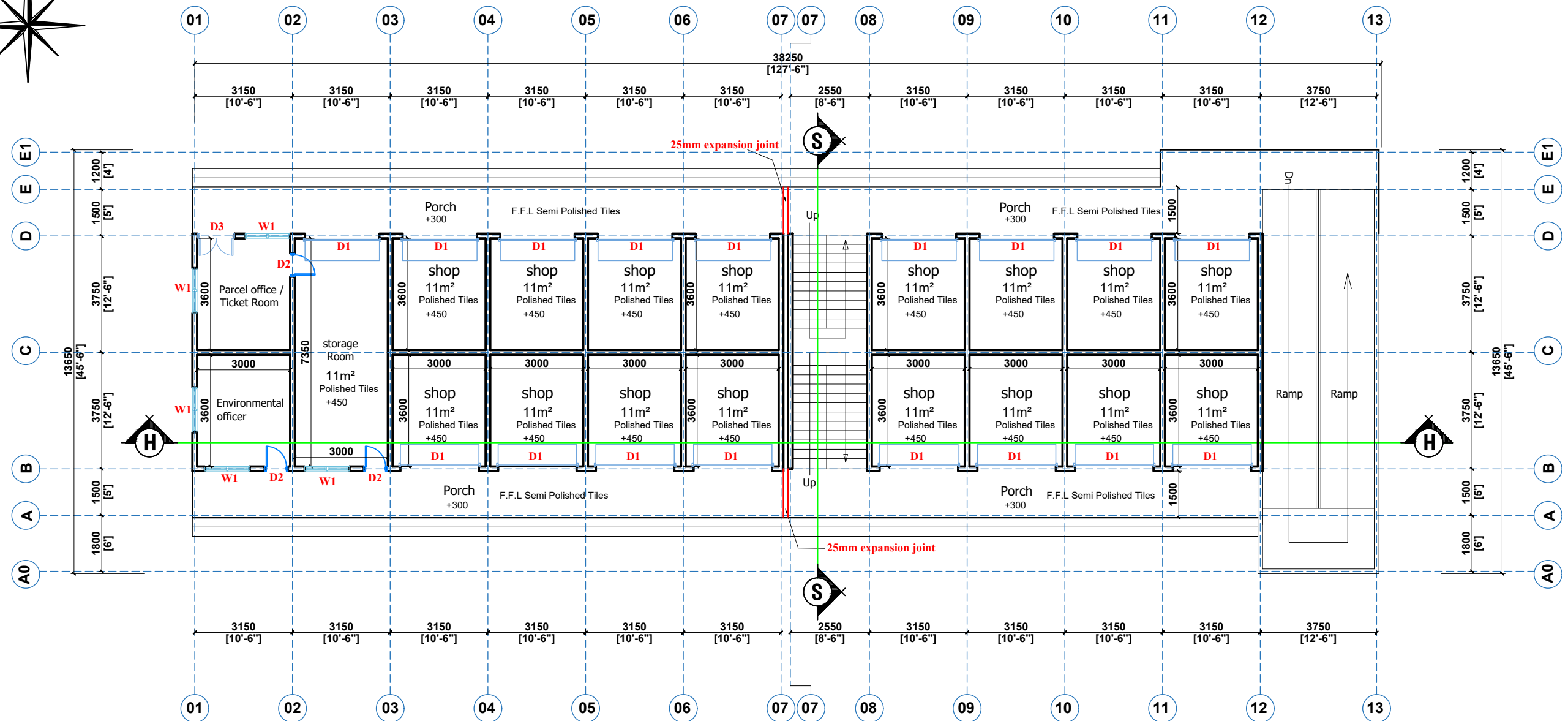
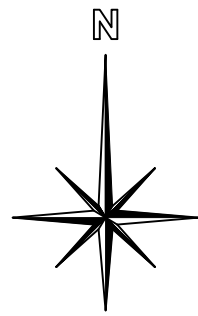


BLOCK B

LOCKABLE SHOPS



24 HOUR ECONOMY MARKET



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
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SCALE:

1 : 100

DESIGNED BY:

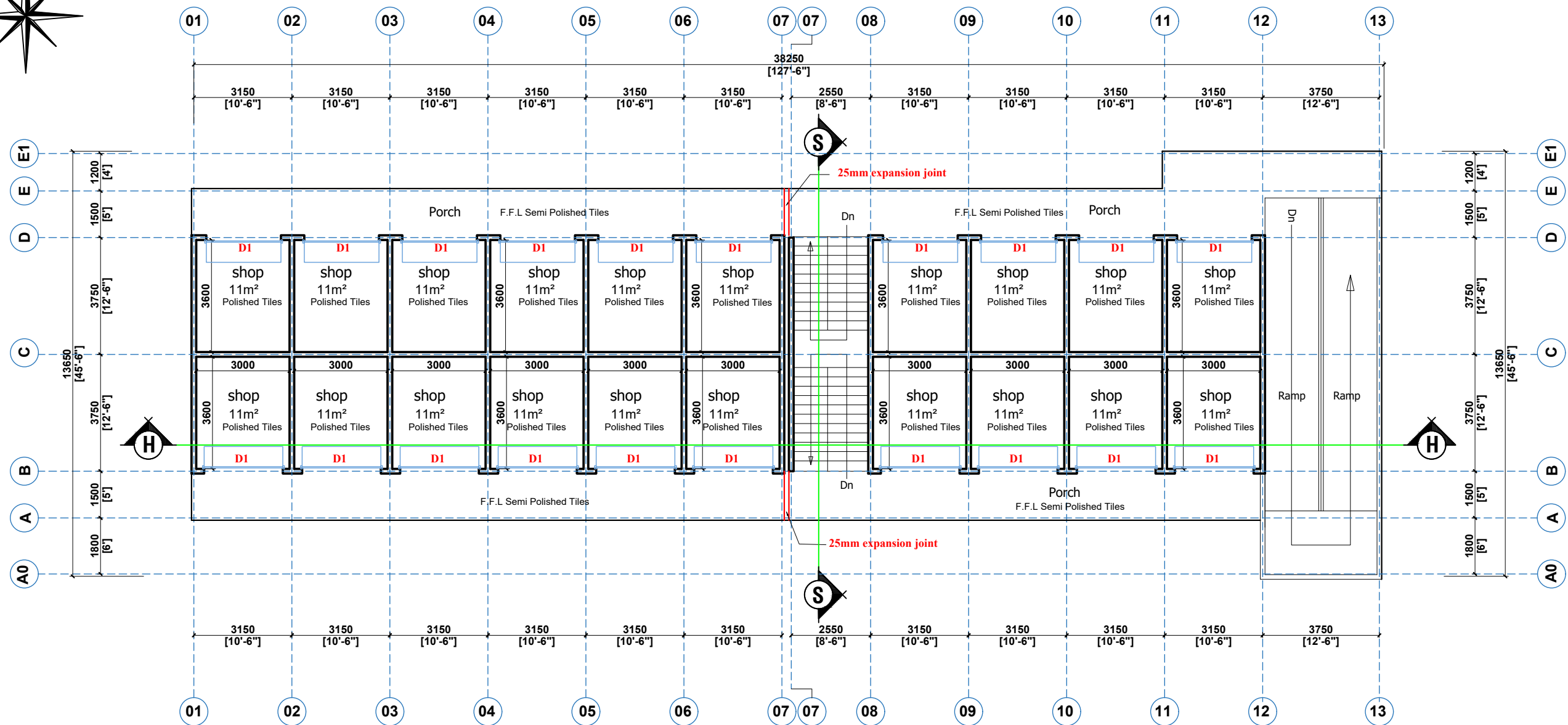
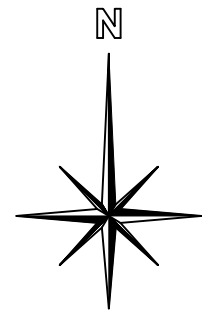
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C. O. ABOARH & A. FRANK

DRG NO.:

A01



FIRST FLOOR PLAN



CLIENT:

DRAWING
TITLE:

DATE:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

FIRST FLOOR PLAN

OCTOBER, 2025

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

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SCALE:

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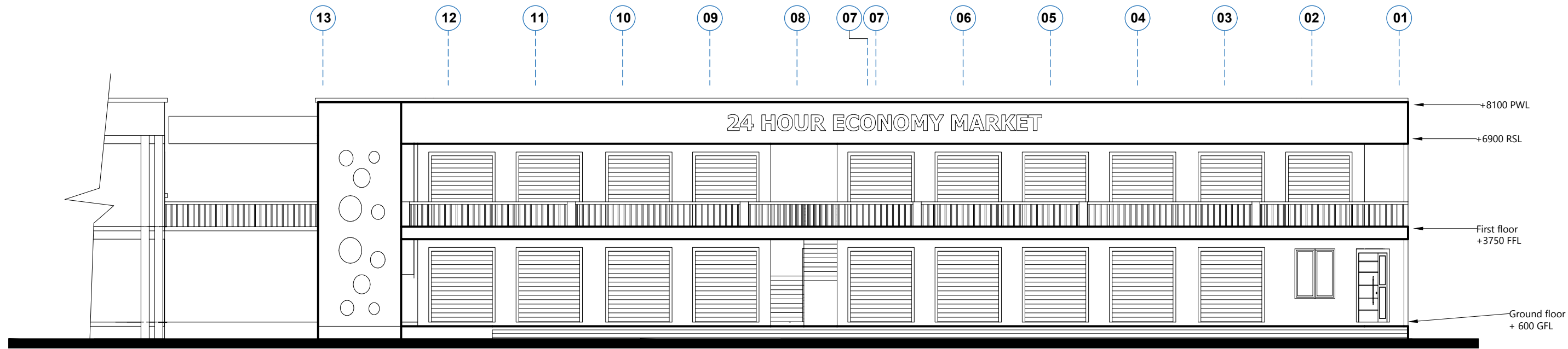
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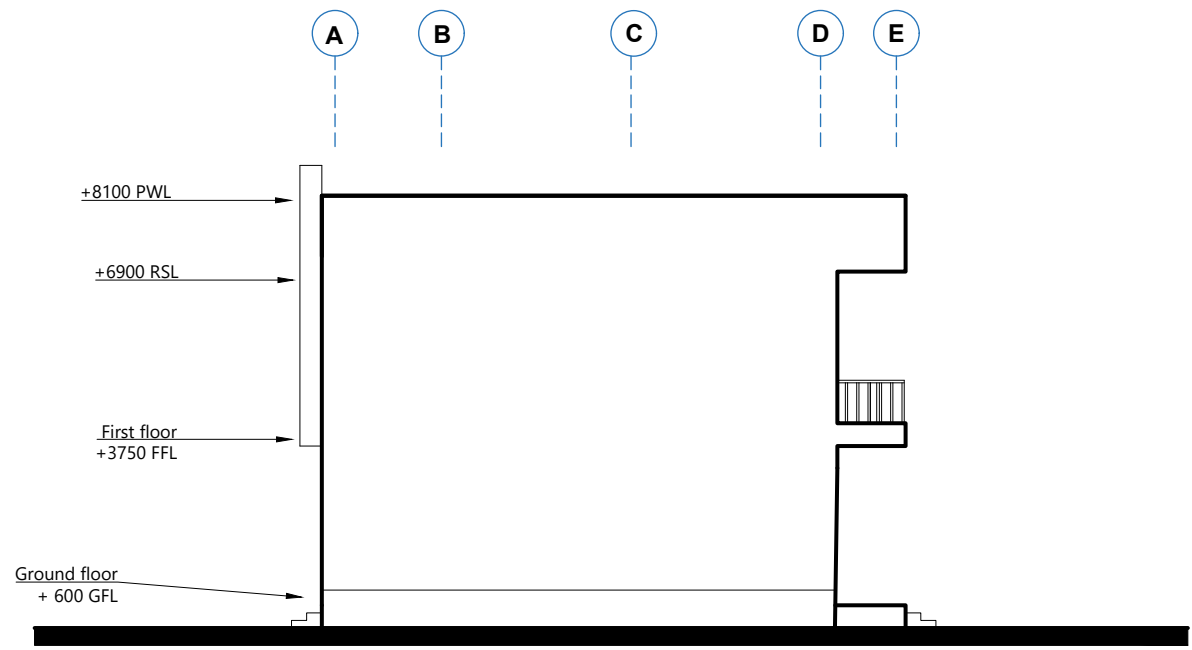
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A02



BACK ELEVATION



RIGHT SIDE ELEVATION



CLIENT:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

DRAWING
TITLE:

ELEVATIONS

DATE:

OCTOBER, 2025

PROJECT : **PROPOSED 24-HOUR
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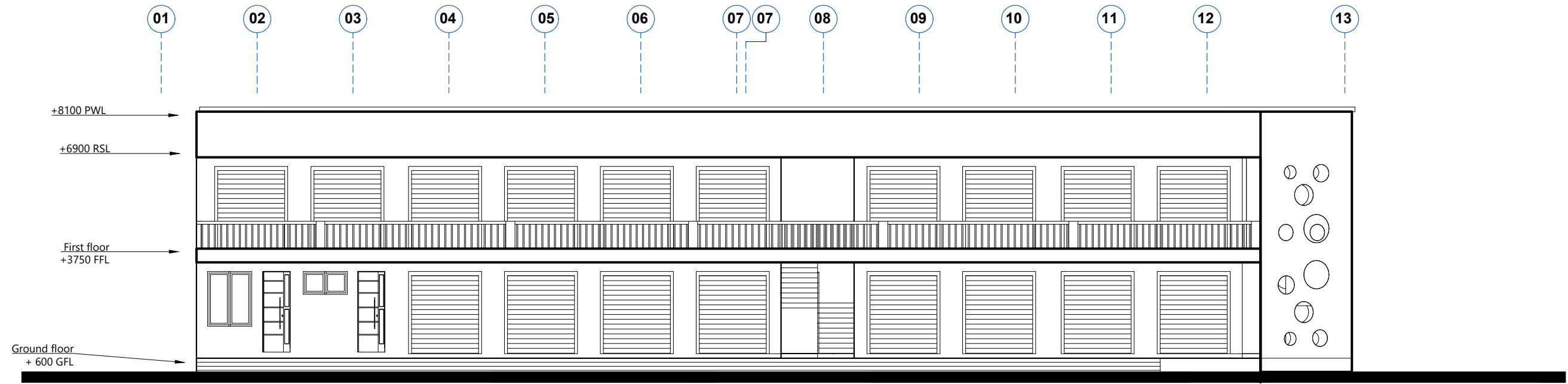
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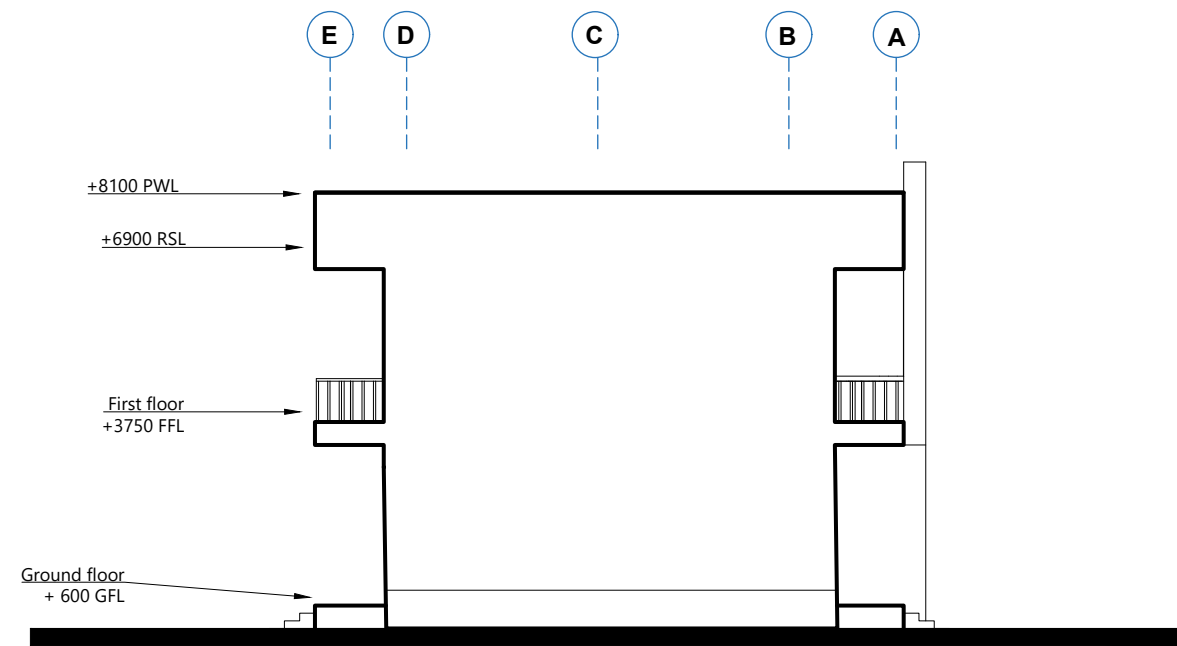
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DRG NO.:

A03



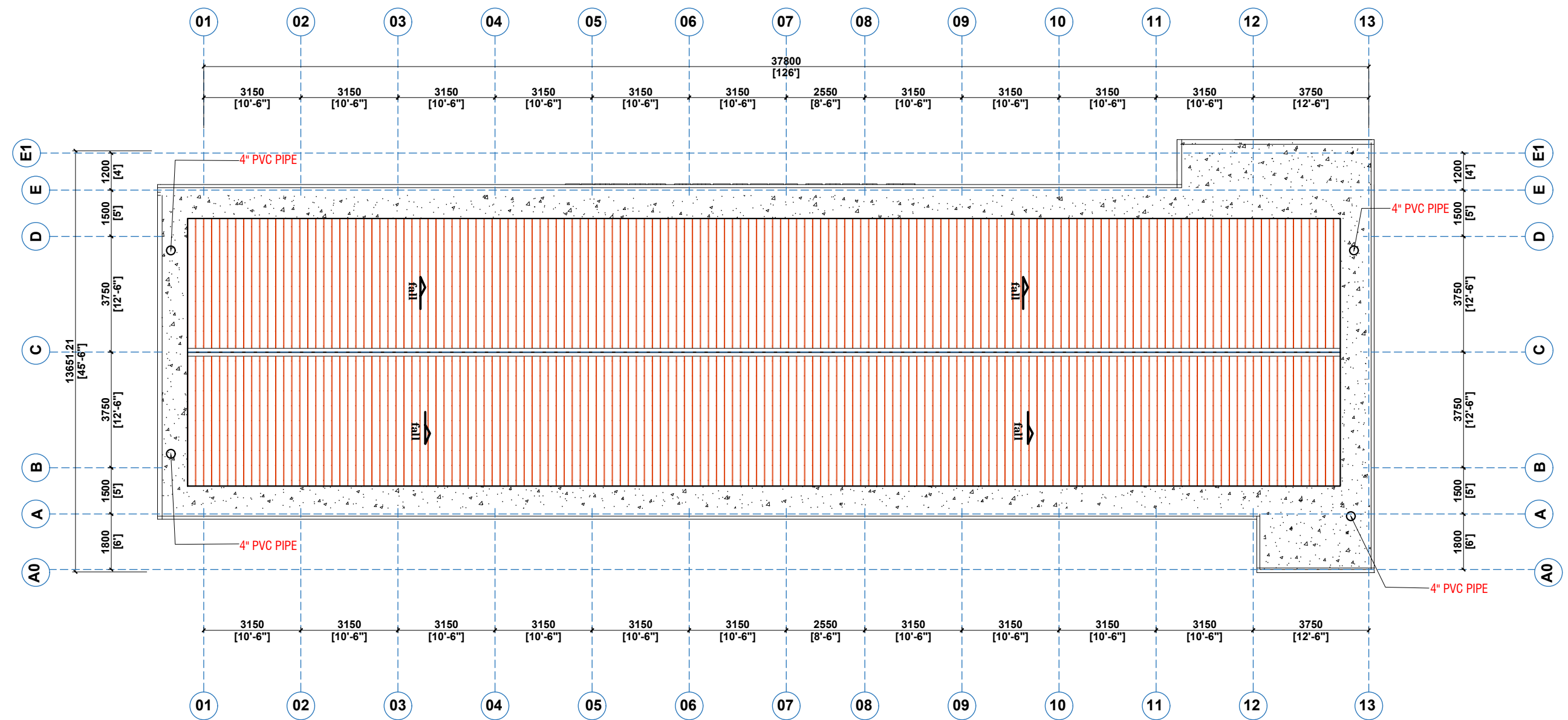
FRONT ELEVATION



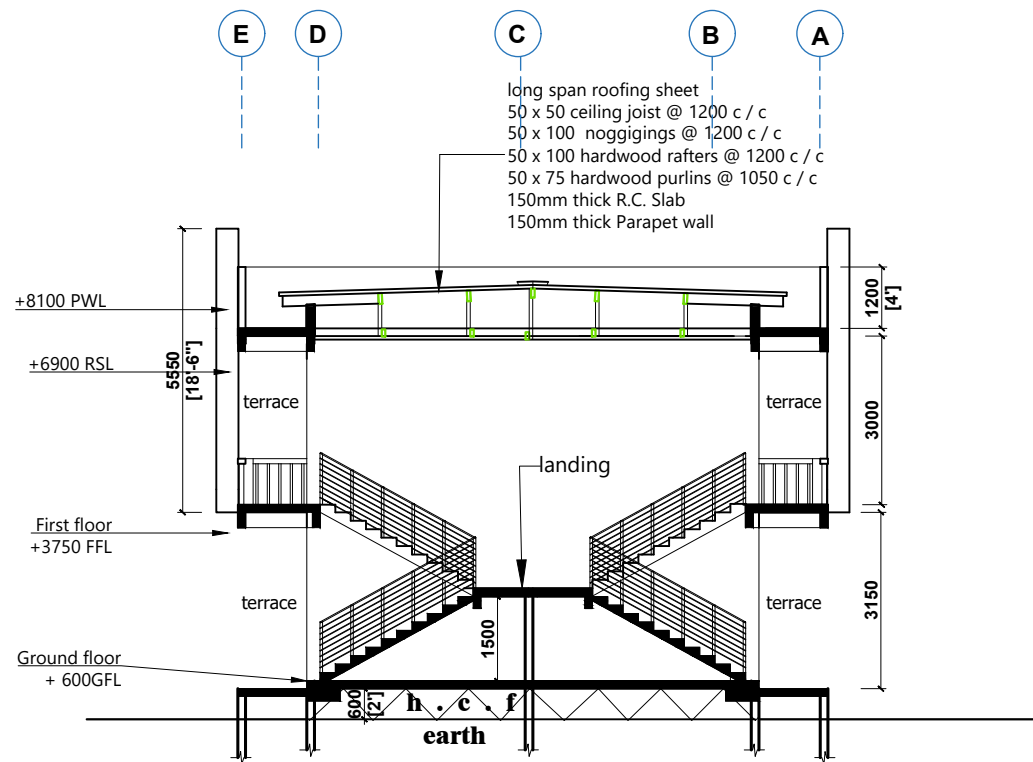
LEFT SIDE ELEVATION



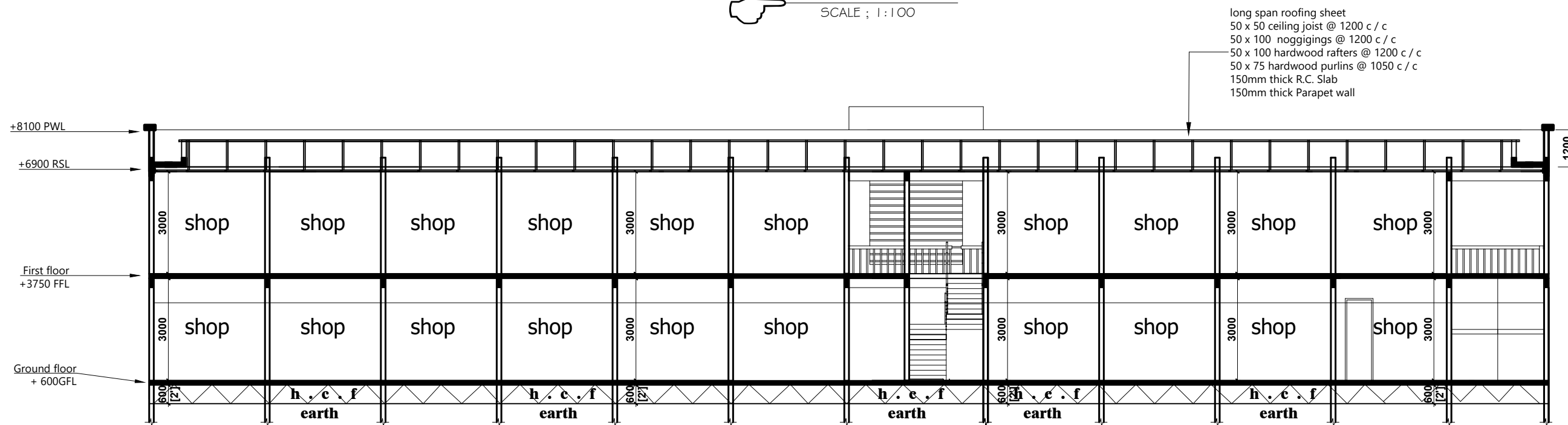
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DRAWING TITLE:	ELEVATIONS			DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	
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	ROOF PLAN					
	OCTOBER, 2025					
DRAWING TITLE:		NOTE : - DIRECT MEASUREMENT IS NOT ALLOWED - FOR ANY CLARIFICATION CONTACT (" +233 247 898" 540 OR " +233 242 316 175" or " +233 271 010 146") ECO PLANNERS & ENGINEERING CONSULT		DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	
DATE:				DRAWN BY:	C. O. ABOARH & A. FRANK	



SECTION S - S
SCALE : 1 : 100



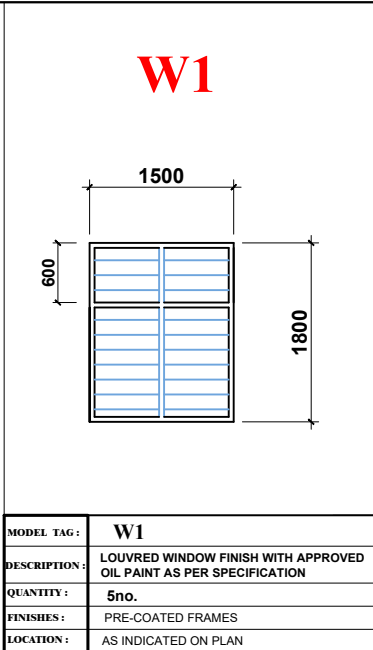
SECTION H - H
SCALE : 1 : 100



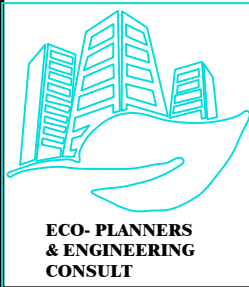
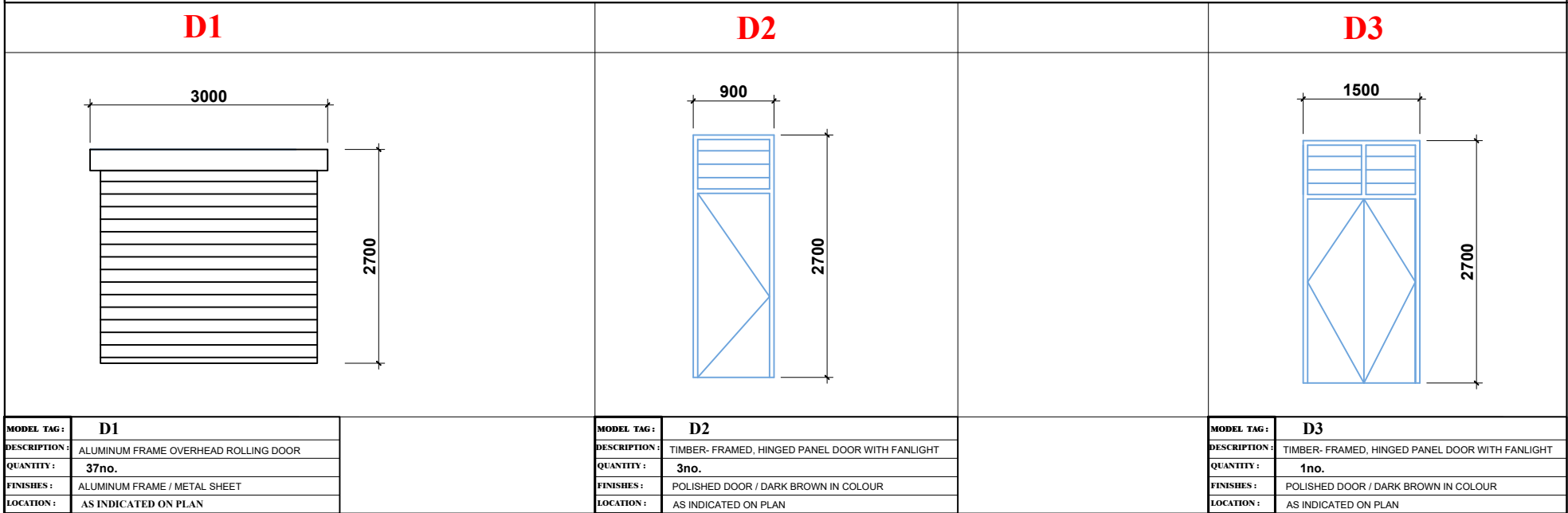
CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT : PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE		SCALE:	1 : 100	DRG NO.: A06
DRAWING TITLE:	SECTIONS			DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	
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WINDOWS SKETCH



DOORS SKETCH



CLIENT:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

DRAWING
TITLE:

DOOR / WINDOW SCHEDULE

DATE:

OCTOBER, 2025

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



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SCALE:

1 : 100

DESIGNED BY:

**ECO - PLANNERS &
ENGINEERING CONSULT**

DRAWN BY:

C. O. ABOARH & A. FRANK

DRG NO.:

A07

MAIN BLOCK, WORKS & FINANCE DEPARTMENT

Floor, wall and Ceiling as per specification

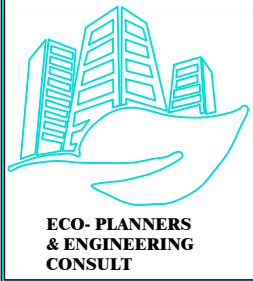
LEGEND

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
COROL EMULSION PAINT	-	CEP
CORAL OIL PAINT	-	COP
GREEN HEDGES AND GRASS	-	GHG
QUARRY CHIPPINGS	-	QC
NOT APPLICABLE	-	N/A



FINISHES SCHEDULE								
MAIN BLOCK, WORKS & FINANACE 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	W P
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&7	SHOP	F.F.L POLISHED TILE	CWT	CWT	CWT	CWT	not less than 3m	W P
8	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3.45m	P T & G
9	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3m	P O P
10	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3m	W P
11	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3m	W P
12	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3m	W P
13	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3m	W P
14	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3m	W P
15	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3m	W P
16	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3m	W P
17	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3m	W P
18	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3m	W P
19	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3m	W P
19	SHOP	F.F.L POLISHED TILE	CEP	CEP	CEP	CEP	not less than 3m	W P

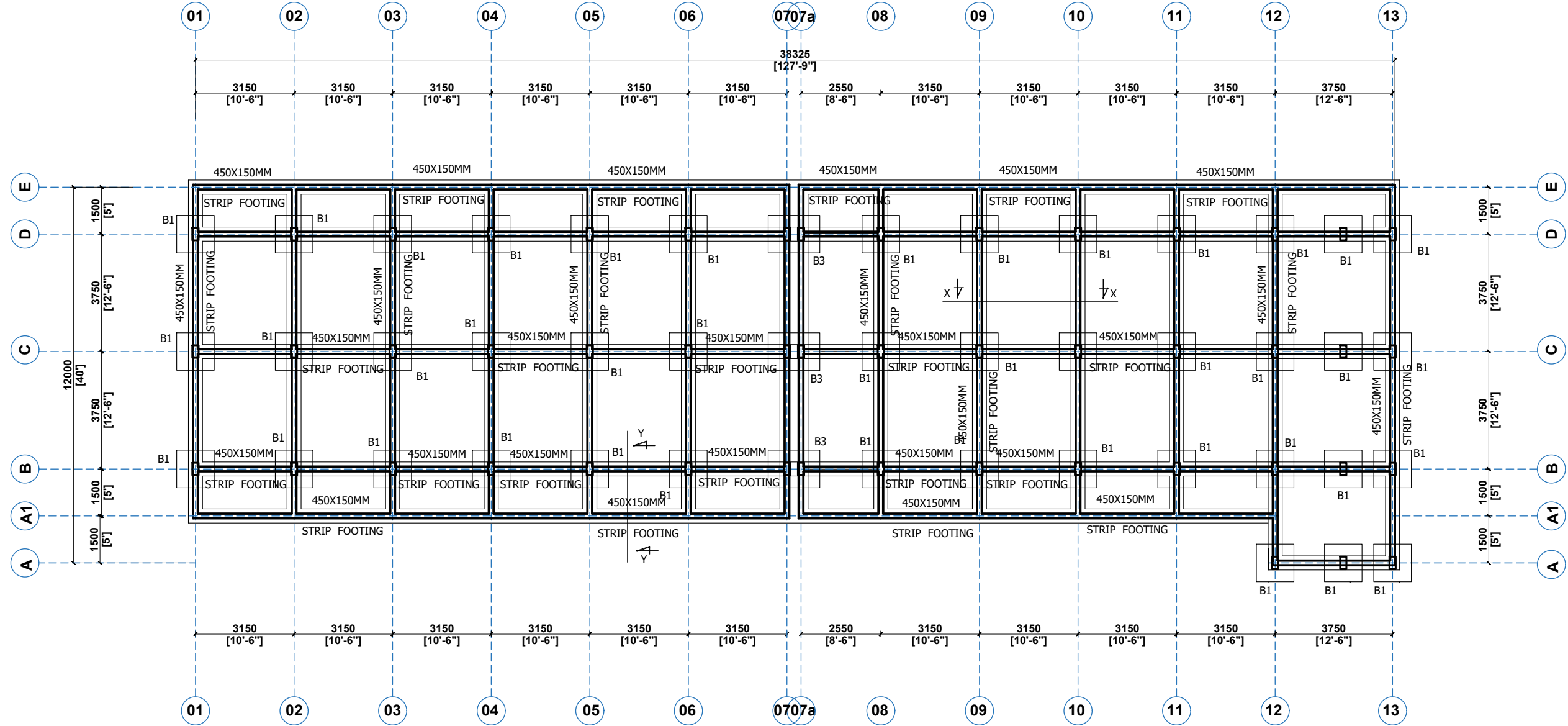
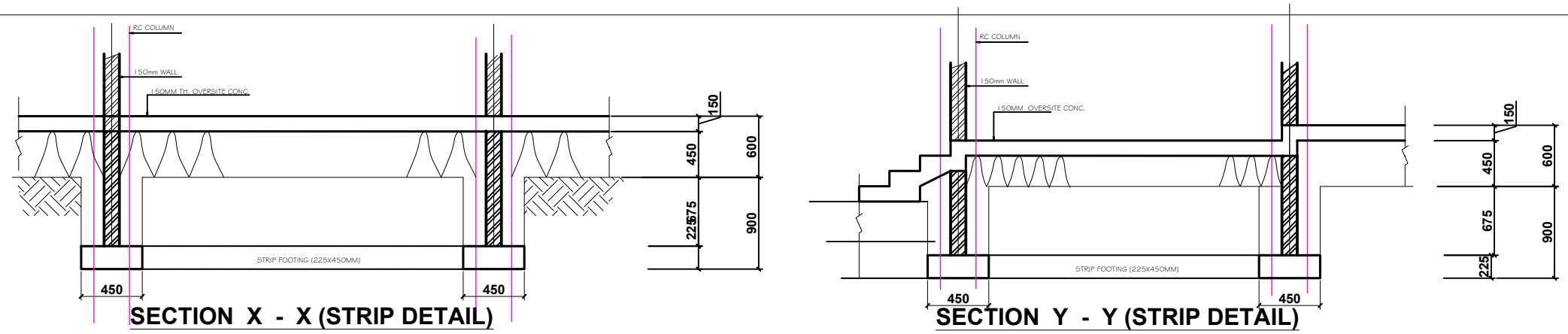
LEGEND	
FULL BODY PLANED & LAPPED FLOOR TILE -	PFL, PL
CERAMIC FLOOR TILE -	CFT
RASTIC FLOOR TILE -	RFT
CERAMIC WALL TILE -	CWT
PLASTER OF PARIS -	P O P
3MM WOODEN PLYWOOD -	W P
PLASTIC T & G -	P T & G
CORAL EMULSION PAINT -	CEP
CORAL OIL PAINT -	C O P
GREEN HEDGES AND GRASS -	G H G
QUARRY CHIPPINGS -	QC
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.: A09
DRAWING TITLE:	FINISHES SCHEDULE FIRST FLOOR PLAN			DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	
DATE:	OCTOBER, 2025			DRAWN BY:	C. O. ABOARH & A. FRANK	
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STRUCTURAL DRAWINGS

BLOCK B



FOUNDATION PLAN



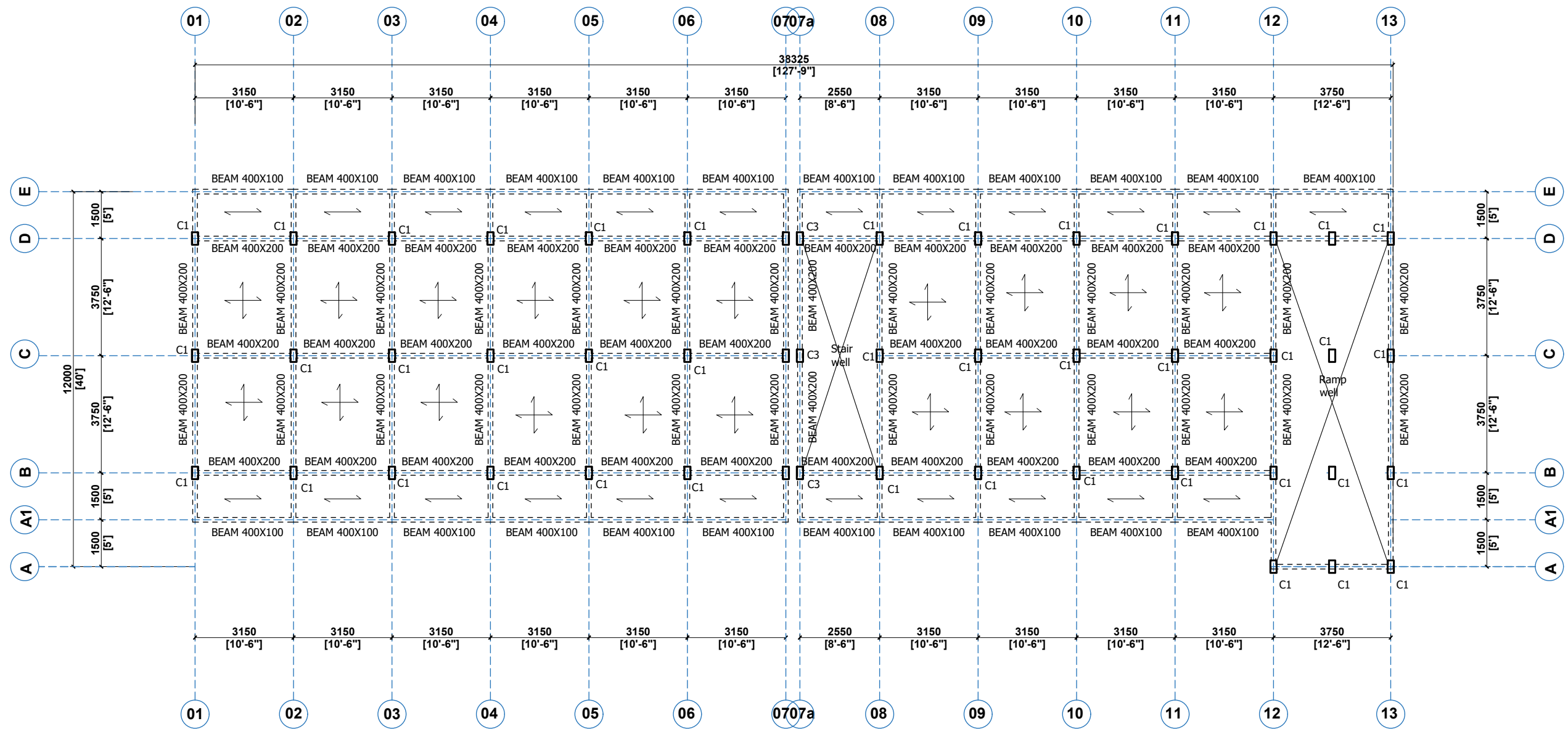
CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS
DRAWING TITLE:	FOUNDATION PLAN (BLK 'C')
DATE:	OCTOBER, 2025

PROJECT :	PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE
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SCALE:	1 : 100
DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT
DRAWN BY:	C. O. ABOARH & A. FRANK

DRG NO.:
ST01



FIRST FLOOR BEAM AND COLUMN ARRANGEMENT



CLIENT:

DRAWING
TITLE:

DATE:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

FIRST FLOOR BEAM AND COLUMN
ARRANGEMENT (BLK 'B')

OCTOBER, 2025

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



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SCALE:

DESIGNED BY:

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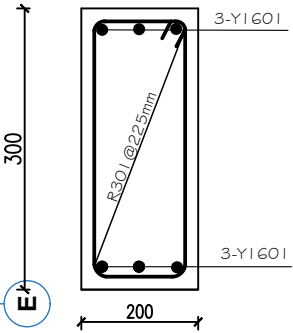
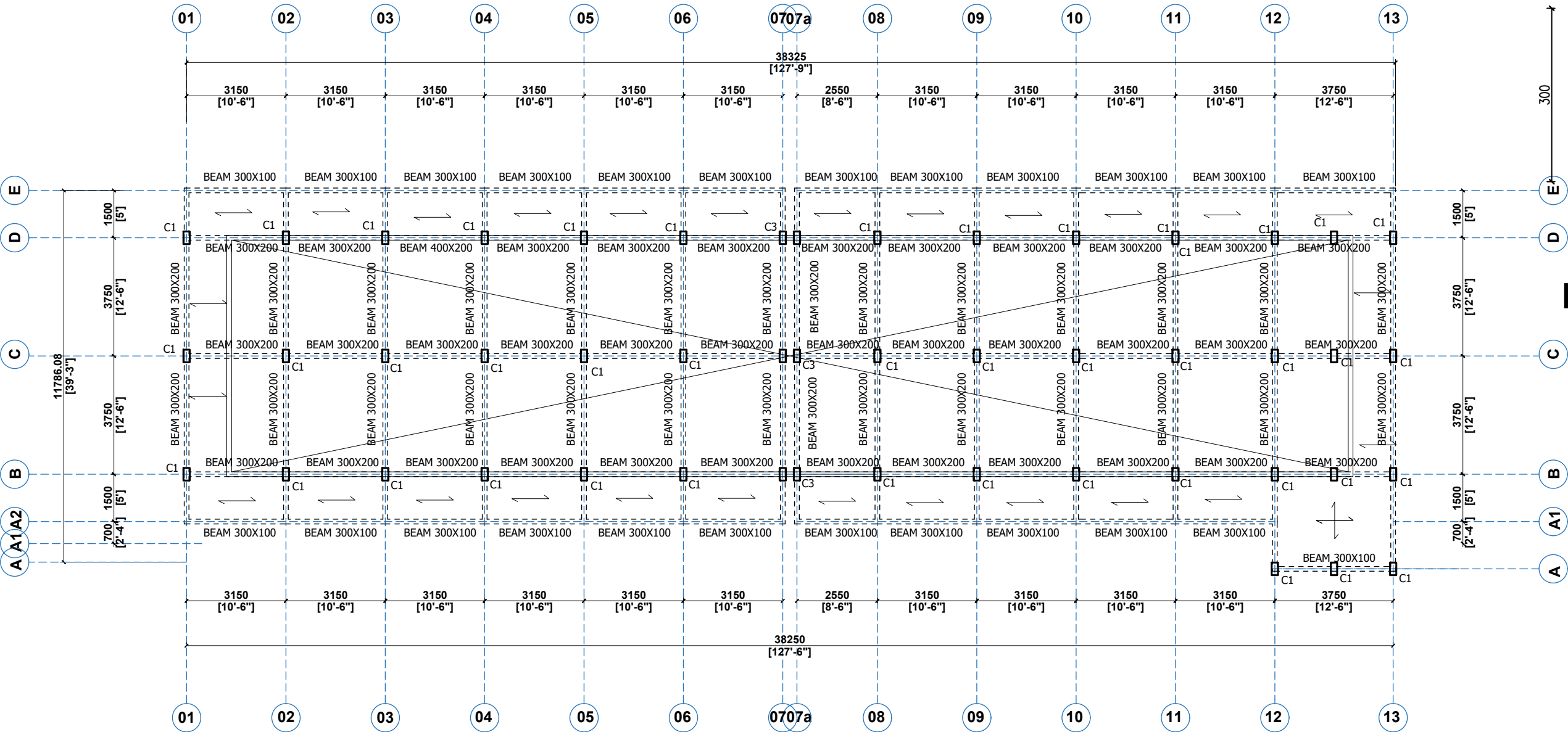
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C. O. ABOARH & A. FRANK

DRG NO.:

ST02

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

ROOF FLOOR BEAM ARRANGEMENT

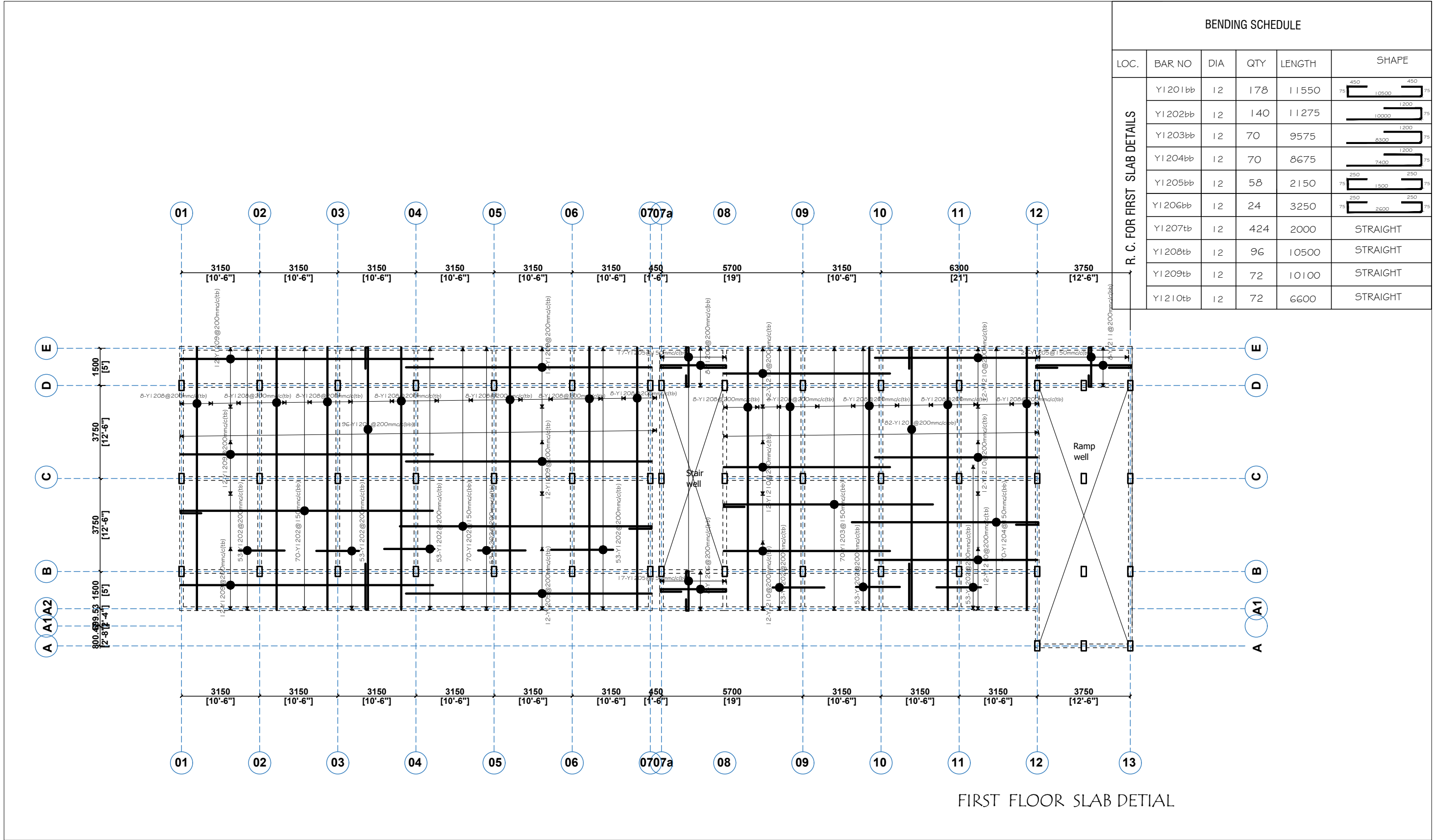


ECO-PLANNERS
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CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT : PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE		SCALE:	1 : 100	DRG NO.: ST03
DRAWING TITLE:	ROOF BEAM GENERAL ARRANGEMENT (BLK 'B')			DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	
DATE:	OCTOBER, 2025			DRAWN BY:	C. O. ABOARH & A. FRANK	

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FIRST FLOOR SLAB DETIAL



CLIENT:

DRAWING
TITLE:

DATE:

MINISTRY OF LOCAL GOVERNMENT,
CHIEFTAINCY & RELIGIOUS AFFAIRS

SLAB DETAL (BLK B)

OCTOBER, 2025

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SCALE:

DESIGNED BY:

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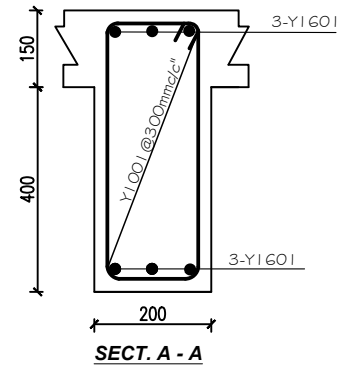
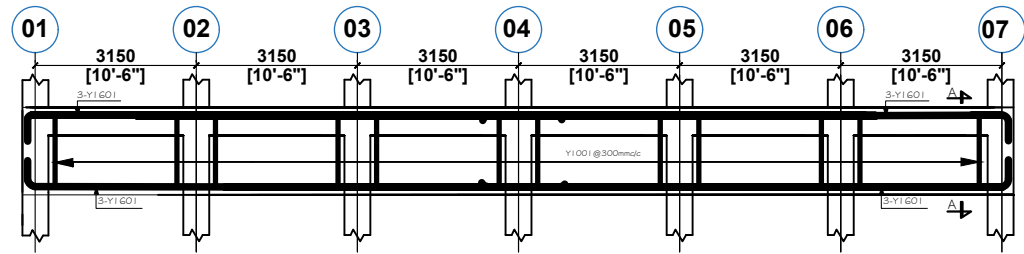
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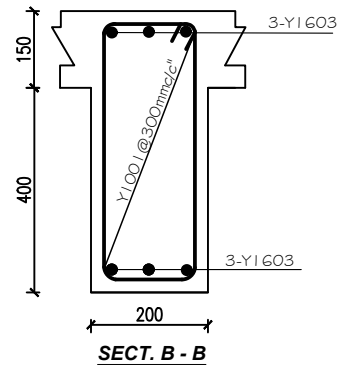
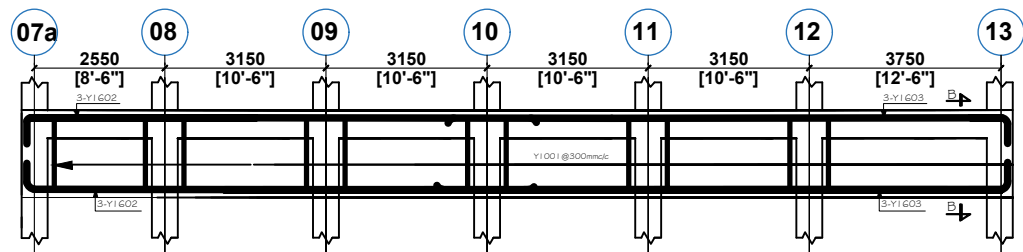
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DRG NO.:

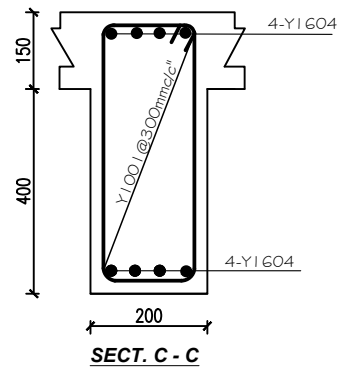
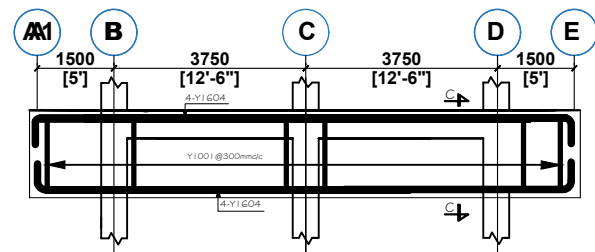
ST04



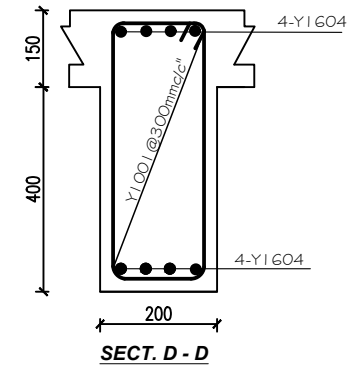
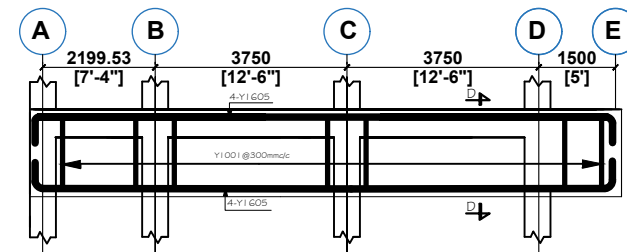
FLOOR BEAM ON G.L. B, C & D (3 NO)



FLOOR BEAM ON G.L. B, C & D (3 NO)



FLOOR BEAM ON G.L. 01, 02, 03, 04, 05, 06, 07, 07a, 08, 09, 10 & 11 (12 NO)



FLOOR BEAM ON G.L. 12 & 13 (2 NO)

BENDING SCHEDULE FOR FIRST & SECOND FLOOR

LOC.	BAR NO	DIA	QTY	LENGTH	SHAPE
TYPICAL BEAMS DETAILS	Y1601	16	36	10475	10300
	Y1602	16	18	9775	9600
	Y1603	16	18	10775	10600
	Y1604	16	96	10850	10500
	Y1605	16	16	11550	11200
	Y1001	10	525	1500	1500



CLIENT:

DRAWING
TITLE:

DATE:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

FIRST FLOOR BEAM (BLK B)

OCTOBER, 2025

PROJECT : **PROPOSED 24-HOUR
ECONOMY MARKET
&
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+233 242 316 175") ECO-PLANNERS AND ENGINEERING CONSULT

SCALE:

DESIGNED BY:

DRAWN BY:

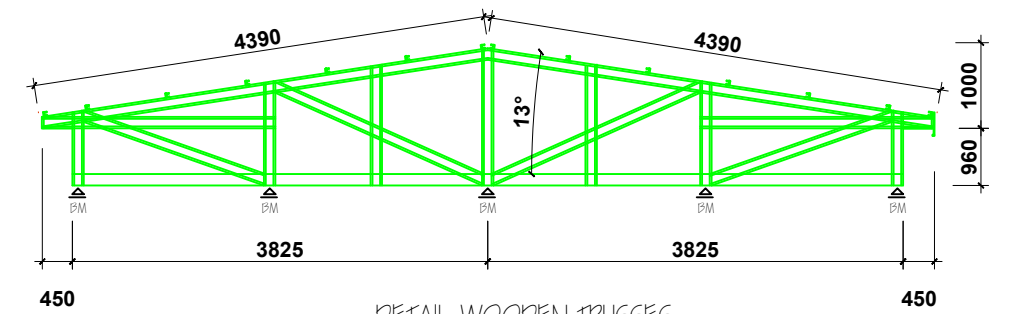
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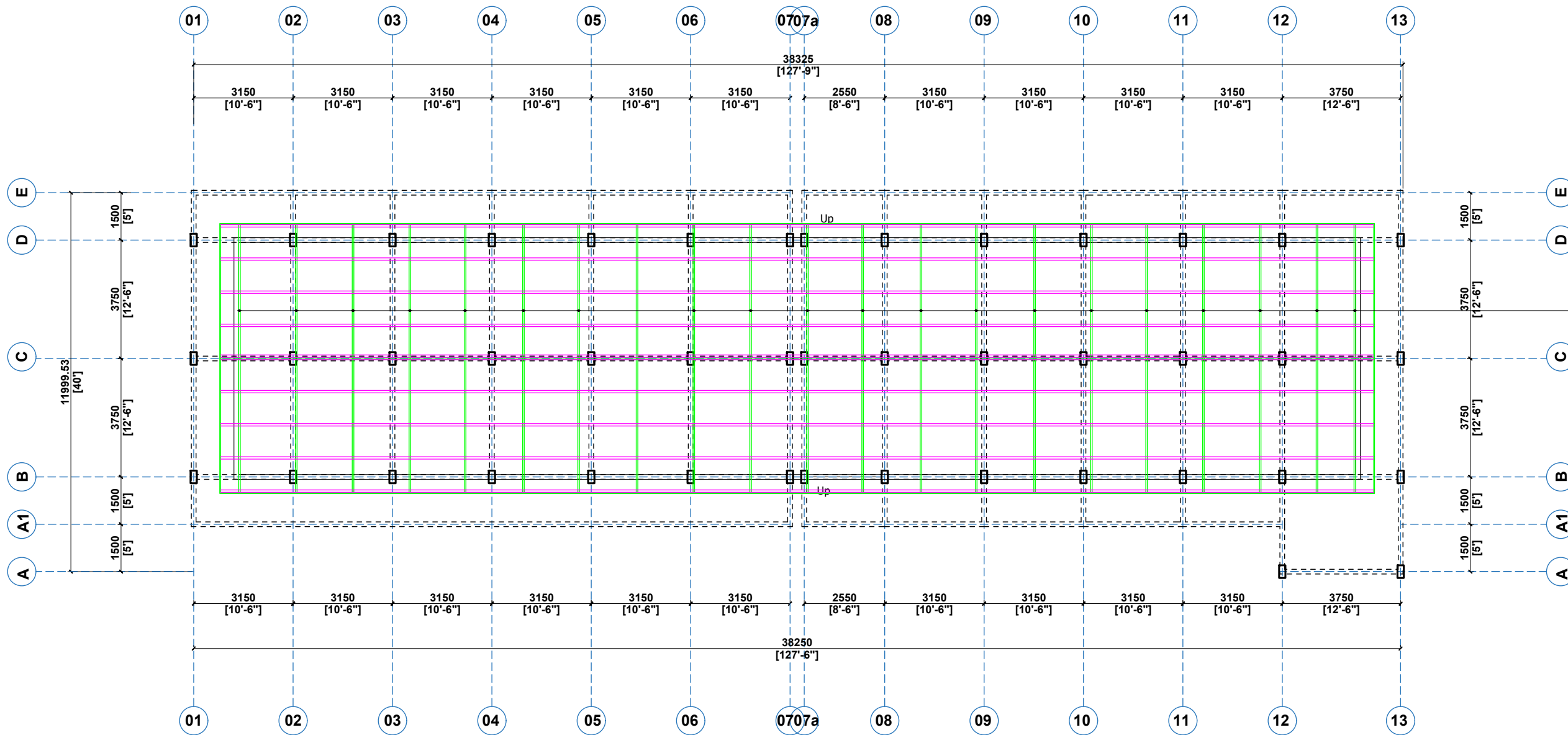
C. O. ABOARH & A. FRANK

DRG NO.:

ST05



DETAIL WOODEN TRUSSES
(TRUSS TYPE 'A')



TRUSS TYPE 'A'
@ 1800mm C/C

ROOF PLAN (SHEET COVER)



CLIENT:

DRAWING
TITLE:

DATE:

MINISTRY OF LOCAL GOVERNMENT,
CHIEFTAINCY & RELIGIOUS AFFAIRS

ROOF PLAN (CACASS ARRANGEMENT - BLK 'B')

OCTOBER, 2025

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



NOTE : - DIRECT MEASUREMENT IS NOT ALLOWED
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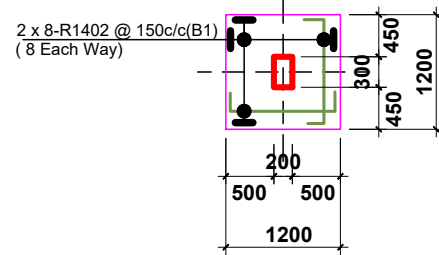
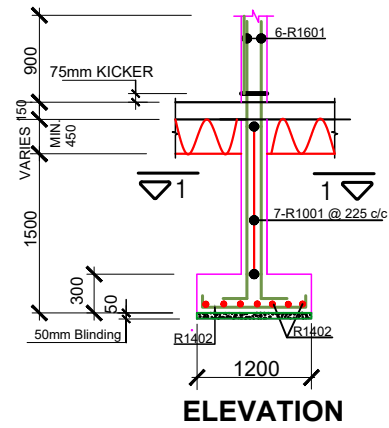
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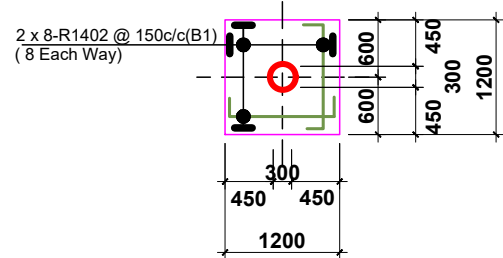
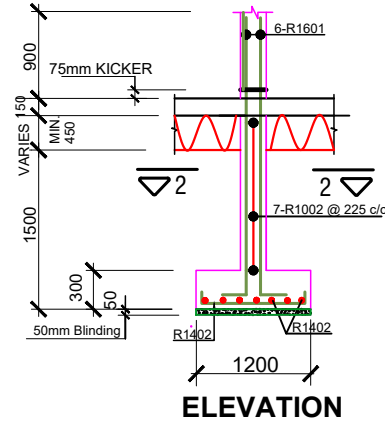
C. O. ABOARH & A. FRANK

DRG NO.:

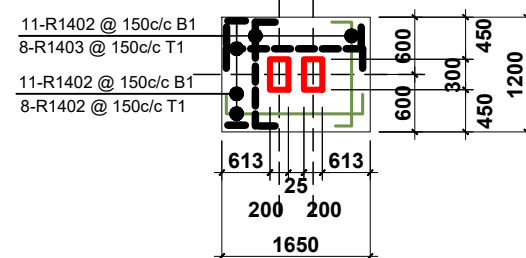
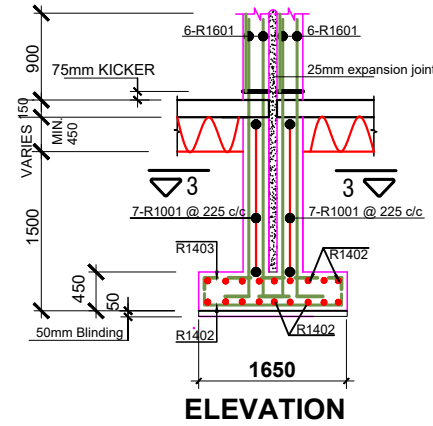
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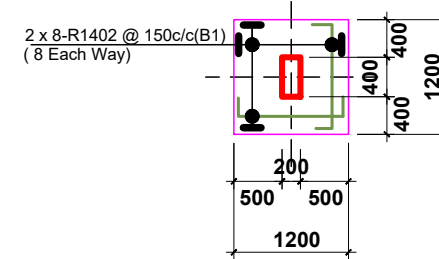
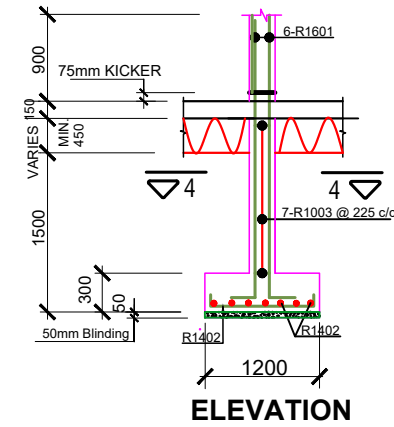
COL. BASE TYPE 'B1' (71 No. THUS)



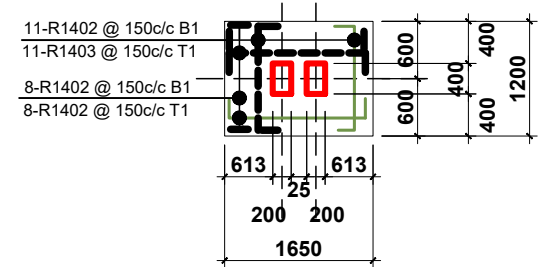
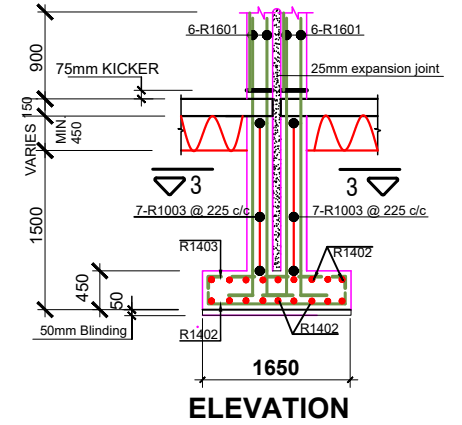
COL. BASE TYPE 'B2' (10 No. THUS)



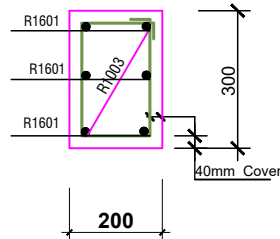
COL. BASE TYPE 'B3' (7 No. THUS)



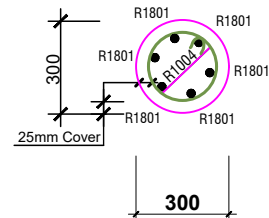
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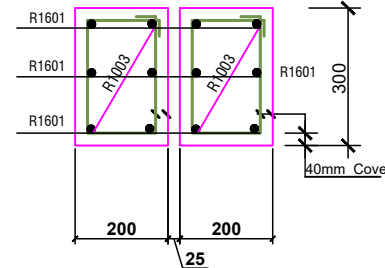
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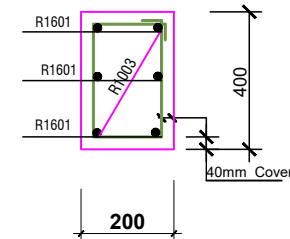
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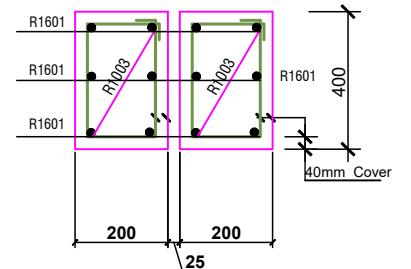
SECTION 2 - 2



SECTION 3 - 3



SECTION 4 - 4



SECTION 5 - 5

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

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' (99 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	150 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)

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
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SCALE:

DESIGNED BY:

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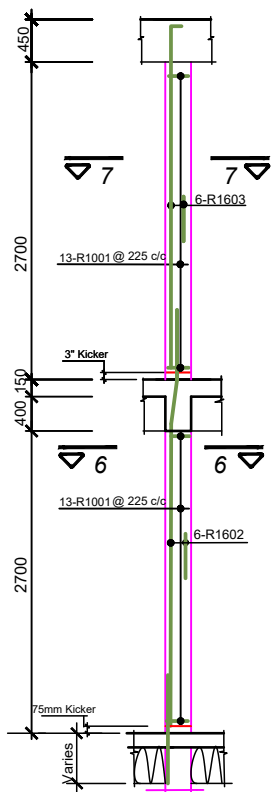
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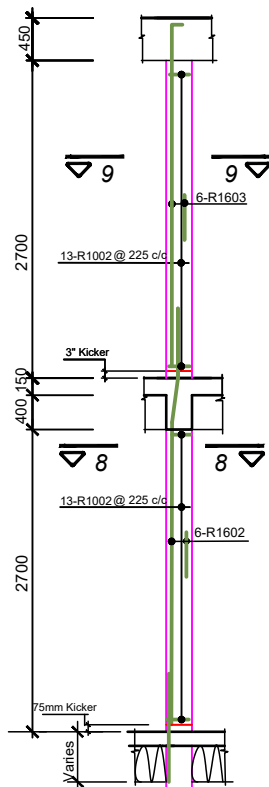
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DRG NO.:

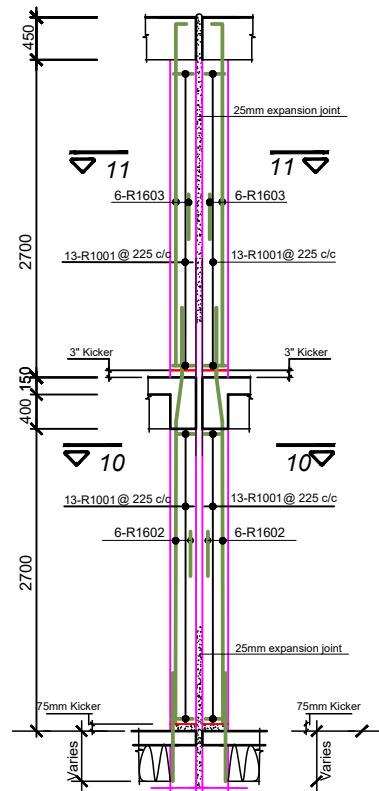
ST07



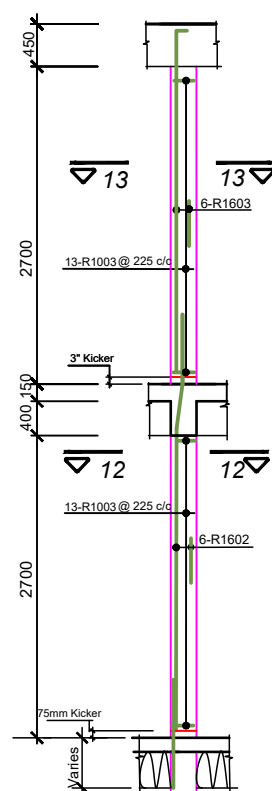
COLUMN TYPE 'C1' (54 No. THUS)



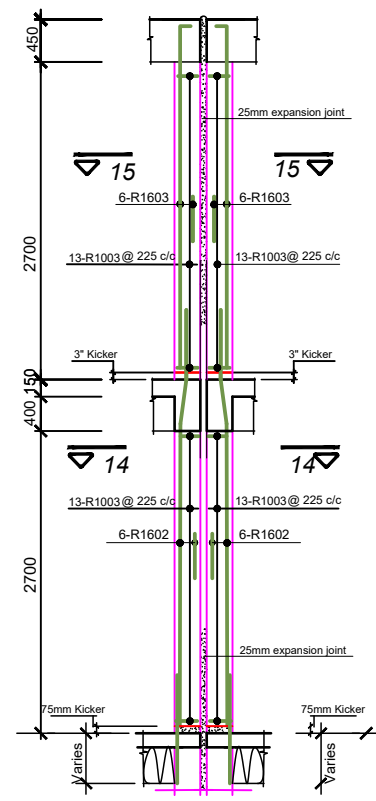
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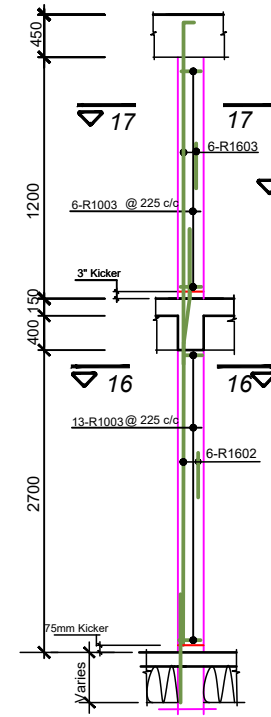
COLUMN TYPE 'C3' (5 No. THUS)



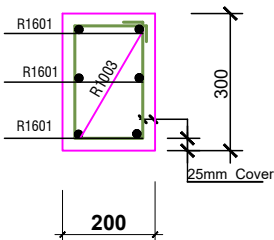
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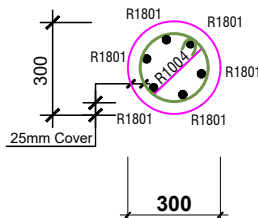
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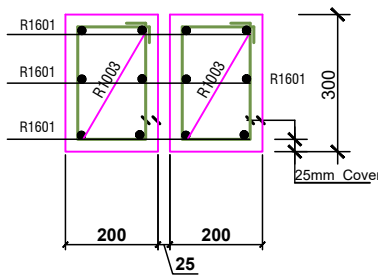
COLUMN TYPE 'C6' (30 No. THUS)



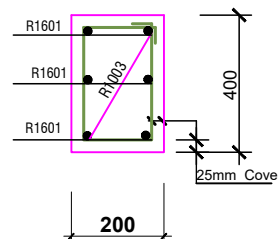
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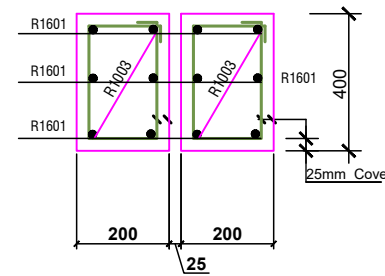
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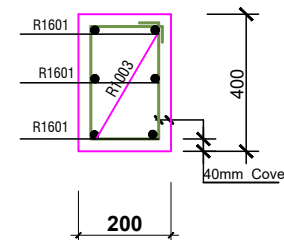
SECTION 10-10/11-11



SECTION 12-12/13-13



SECTION 14-14/15-15



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 1150
	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 1150
	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 1150
	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 1150
	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 1150
	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 1150
	R1003	10	26	780	1050x(2)	500 325 150



CLIENT:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

DRAWING
TITLE:

COLUMN (2 of 2)

DATE:

OCTOBER, 2025

PROJECT :

PROPOSED 24-HOUR
ECONOMY MARKET
&
COMMERCIAL CENTRE



NOTE :

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SCALE:

1 : 100

DESIGNED BY:

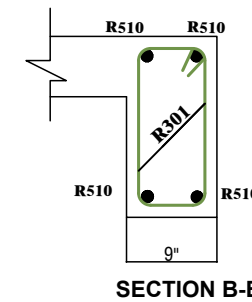
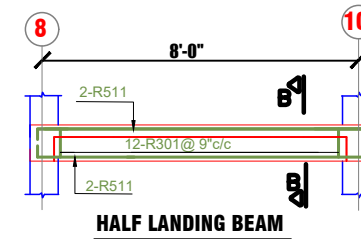
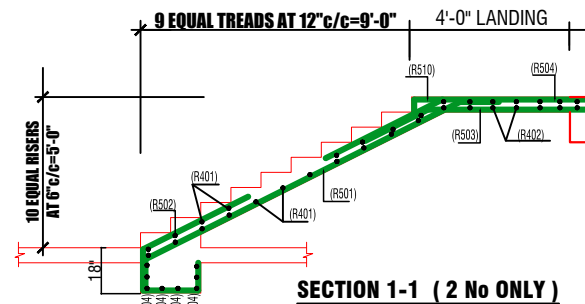
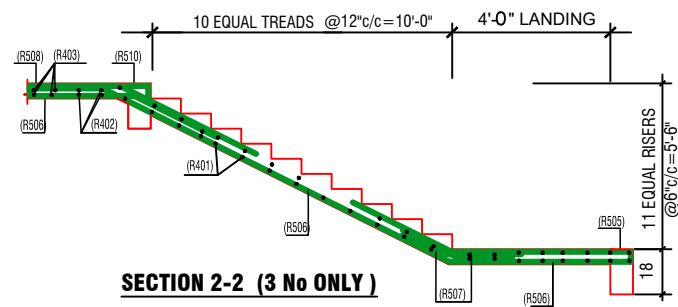
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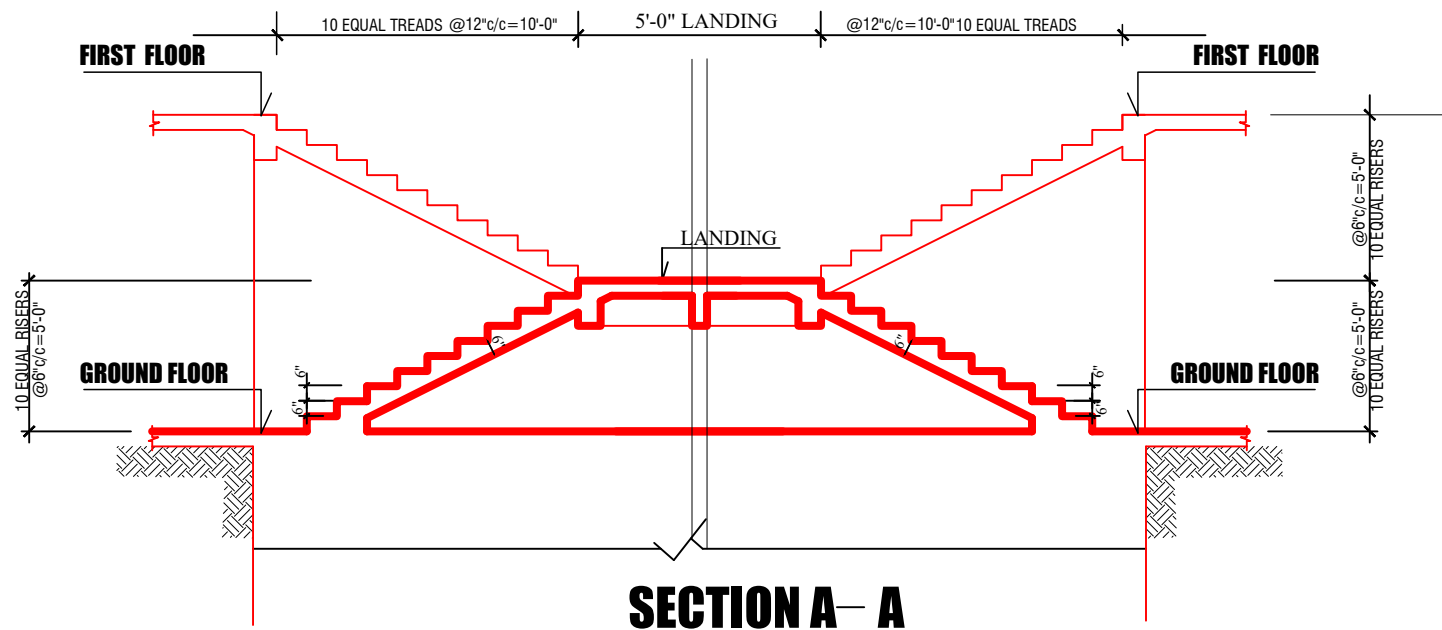
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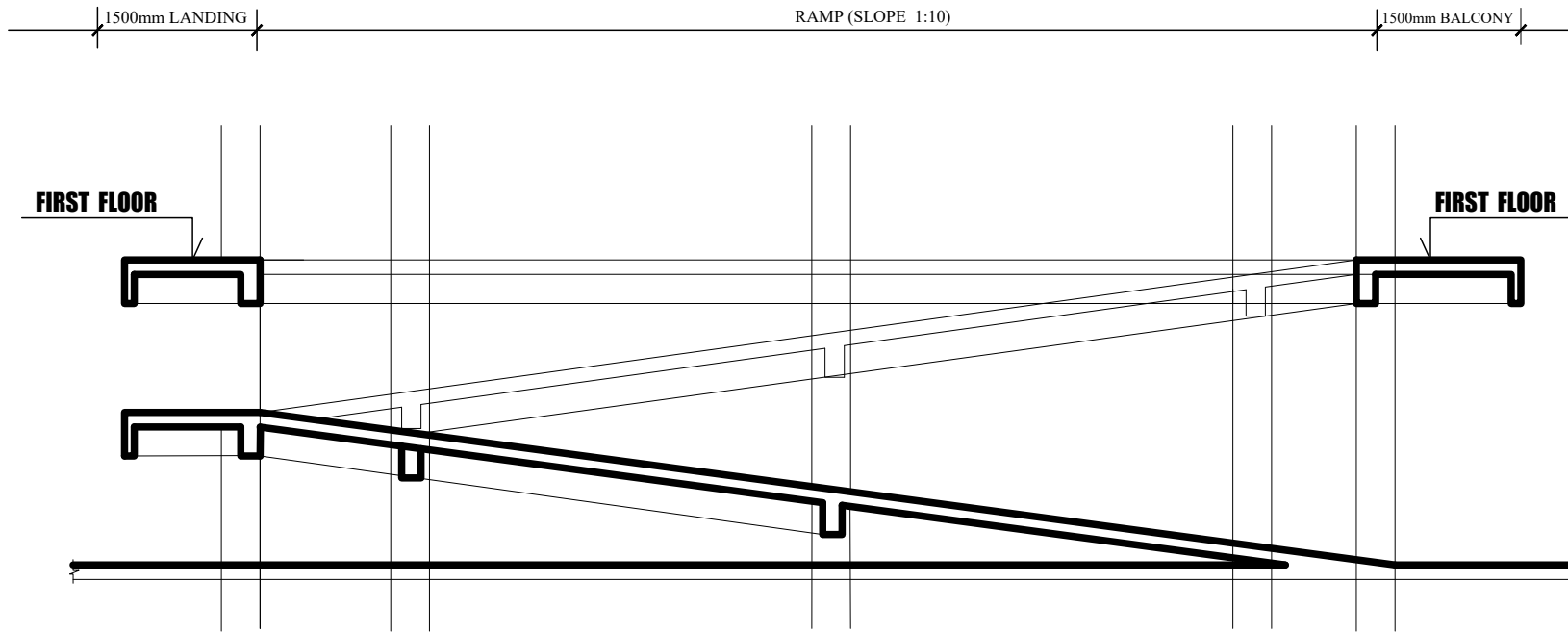
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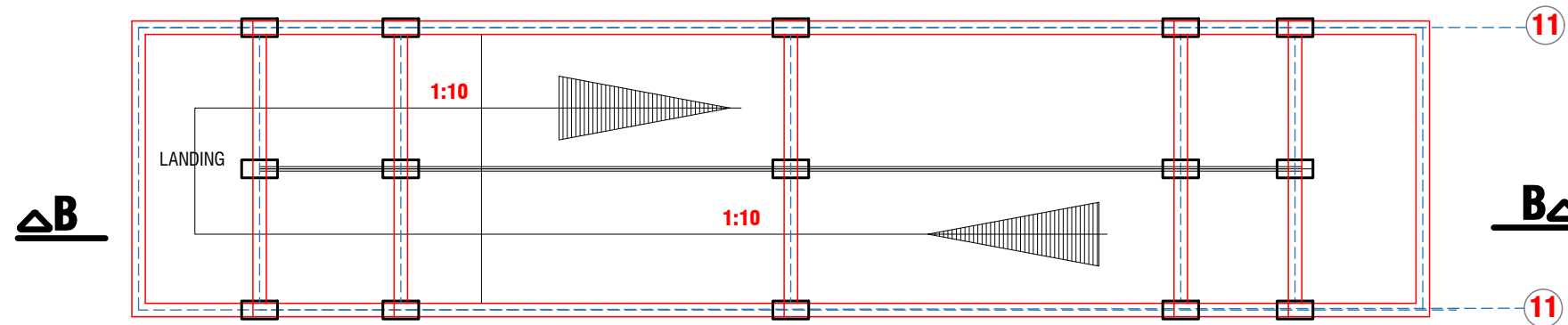


BENDING SCHEDULE									
LOCA	BAR MARK	DIA mm	No EACH	TOTAL No	LENGTH mm	BENDING SKETCH			
STAIRCASE DETAILS	R401	16	10	40	1650				
	R402	16	10	40	4800				
	R403	16	19	76	3300				
	R404	16	10	40	3500				
	R405	12	10	40	4800				
	R501	12	6	12	1400	STRAIGHT			
	R502	12	20	80	2800				
	R503	12	20	20	4400				
	R504	12	10	20	1900				
	R506	16	10	20	5550				
HALF LANDING BEAM DETAILS	R507	16	10	20	3750				
	R508	5/8"	10	20	3600				
	R509	5/8"	10	20	1300				
	R510	5/8"	10	20	1650				
	R301	3/8"	13	26	4'-2"				
	R511	5/8"	4	8	11'-0"				





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



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



CLIENT:

**DRAWING
TITLE:**

DATE:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

RAMP TYPE 2 (1 of 2)

OCTOBER, 2025

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



NOTE : - DIRECT MEASUREMENT IS NOT ALLOWED
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SCALE:

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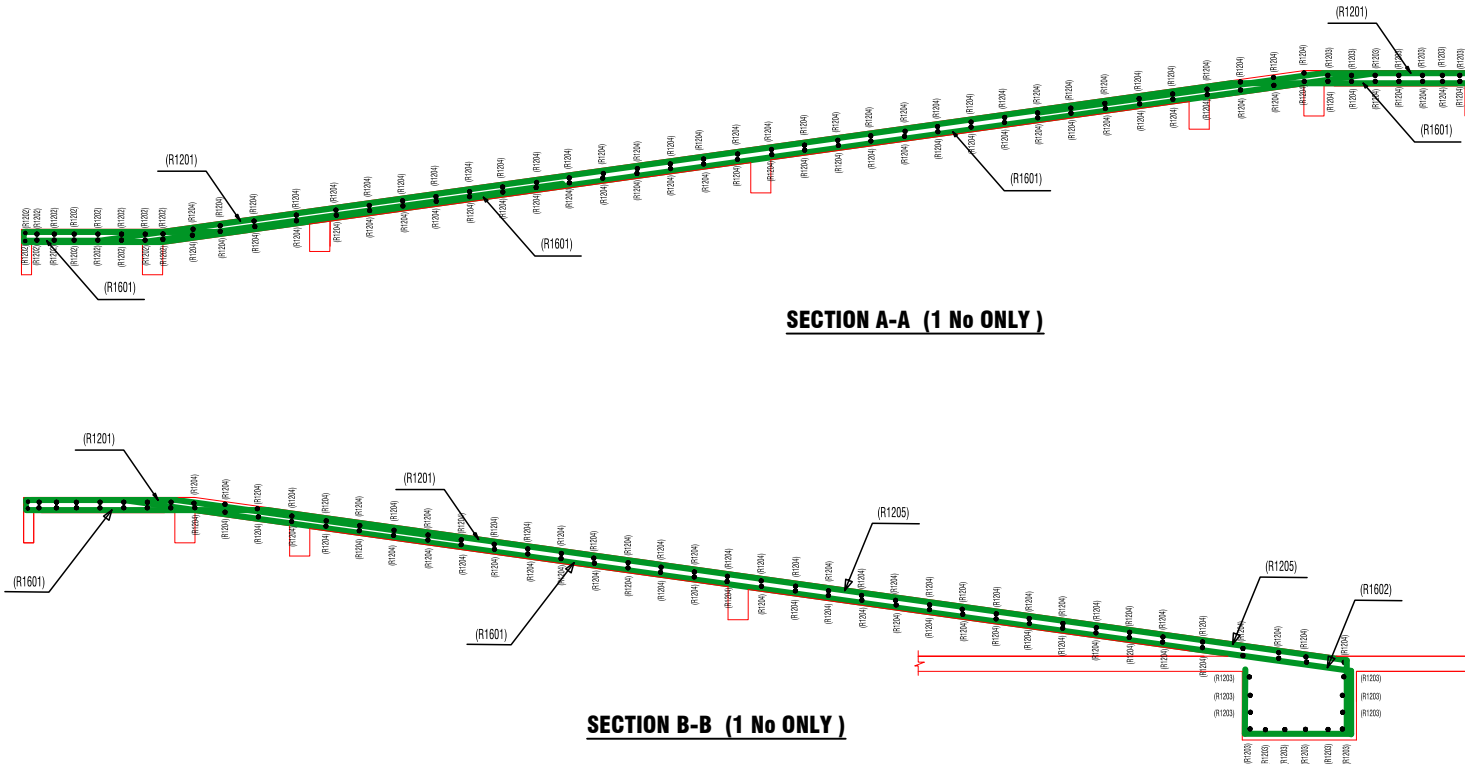
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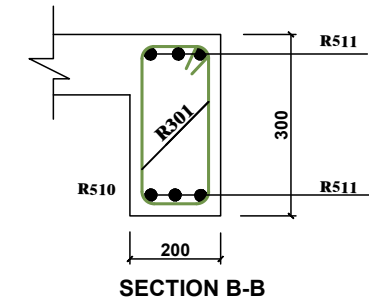
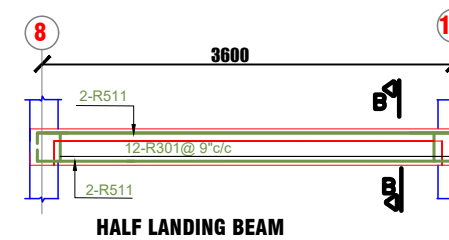
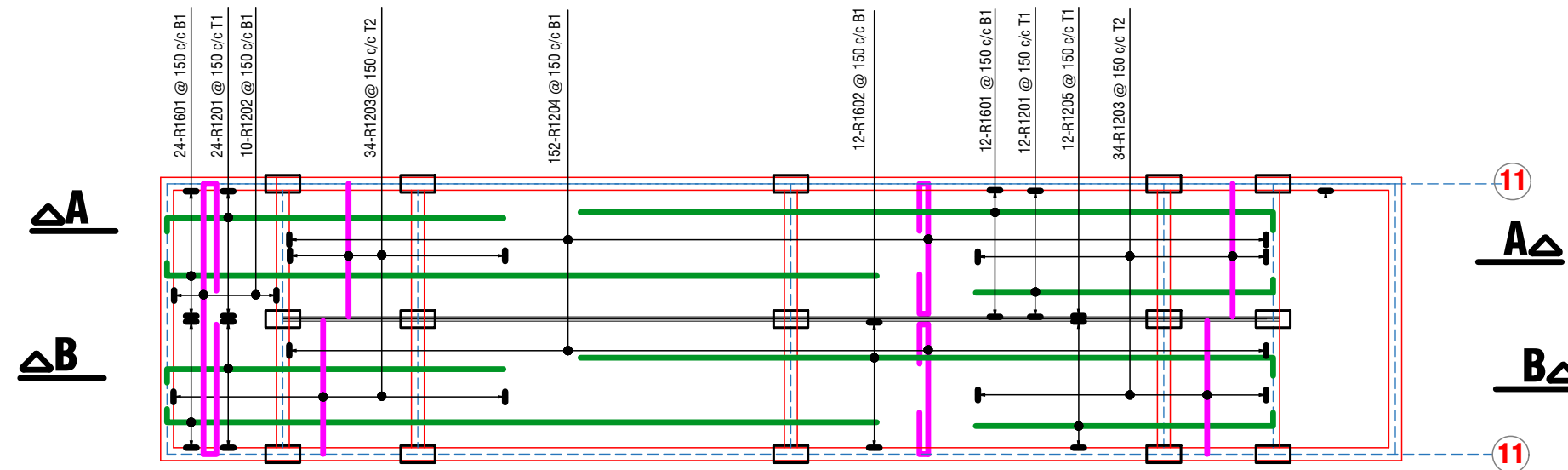
C. O. ABOARH & A. FRANK

DRG NO.:

ST10



BENDING SCHEDULE						
LOCA	BAR MARK	DIA mm	No EACH	TOTAL No	LENGTH mm	BENDING SKETCH
RAMP DETAILS	R1601	16	48	48	8350	50 11500 6800
	R1201	12	96	96	4000	50 1500 2450
	R1202	12	10	10	5650	1200 3150 50
	R1203	12	136	136	1550	STRAIGHT
	R1204	12	304	304	2750	550 1150 50
	R1602	16	12	12	8900	500 750 6800
HALF LANDING BEAM DETAILS	R1205	12	12	12	4750	750 4000
	R301	10	16	16	1250	175 400 175
	R511	16	6	6	3900	150 3600 150



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



CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS
DRAWING TITLE:	RAMP TYPE 2 (2 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



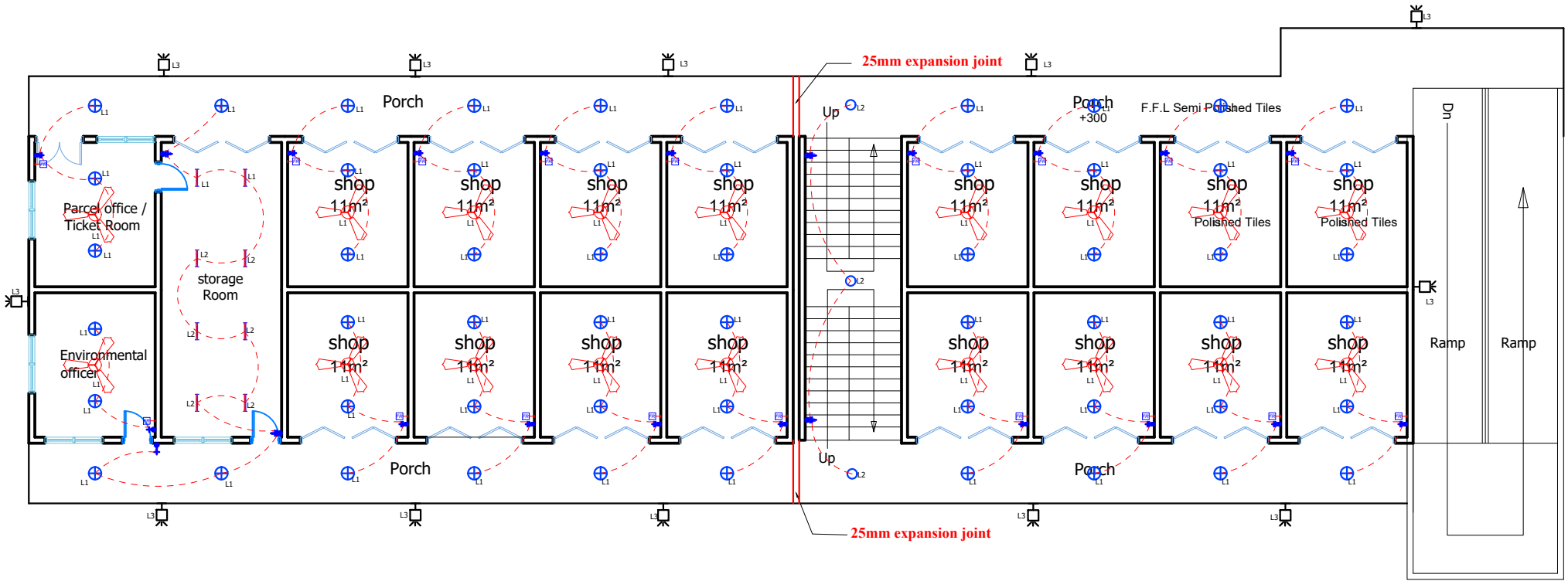
SCALE:	1 : 100
DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT
DRAWN BY:	C. O. ABOARH & A. FRANK

DRG NO.:
ST11

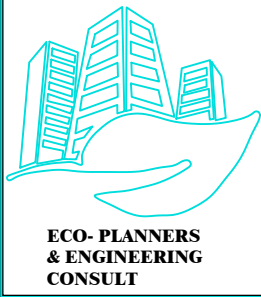
ELECTRICAL, FIRE SYSTEM, AC & PLUMBING DRAWINGS

BLOCK B

LEGEND (LIGHTING LOAD)						
SYMBOL	DESCRIPTION	QTY	W	V	VA	W
	30W LED RECESSIVE DOWNLIGHTER or PHILIPS ROUND CEILING SPOT C/V POLYCARBONATE	56	0.012	0.672	0.8	0.5376
	30W LED RECESSIVE SQUARE CEILING DOWNLIGHT C/V POLYCARBONATE, DIFFUSER or PHILIPS	3	0.030	0.09	0.8	0.72
	1 x 25w cfl ceiling downlight fitting with glass shade	0	0.015	-	0.8	-
	2 x 9W cfl ceiling surface mounted with glass shade	0	0.018	-	0.8	-
	600mm x 600mm, 4x14W T5 fluorescent recessed with open diffuser	0	0.056	-	0.8	-
	20w LED STRIP LIGHTS WITH CHOKE	0	0.012	-	0.8	-
	30W RECESSIVE FANLIGHT	0	0.030	-	0.8	-
	1400mm sweep ceiling fan complete with regulator	18	0.100	1.8	0.8	1.44
	Submersed LED/DC/AC external wall bottom fitting complete with polycarbonate glass shade	11	0.050	0.55	0.8	0.44
	30W LED ENERGY SAVING GLOBE LIGHT FITTING c/o STRAIGHT LAMP HOLDER or PHILIPS	0	0.018	-	0.8	-
	1 x 20w T5 bottom weatherproof fluorescent fitting	8	0.028	0.224	0.8	0.1792
	6A 3P water heater switch					
	1-gang, 1-way 6A switch					
	2-gang, 1-way 6A switch					
	3-gang, 1-way 6A switch					
	1-gang, 2-way 6A switch					
	2-gang, 2-way 6A switch					
	Intermediate switch 6A switch					
	PHOTOCELL					
A	TOTAL ASSUMED LIGHTING LOAD(W)					3.3168



GROUND FLOOR PLAN



CLIENT:

DRAWING
TITLE:

DATE:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

ELECTRICAL LAYOUT (LIGHTING SYSTEM)

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:

DESIGNED BY:

DRAWN BY:

1 : 100

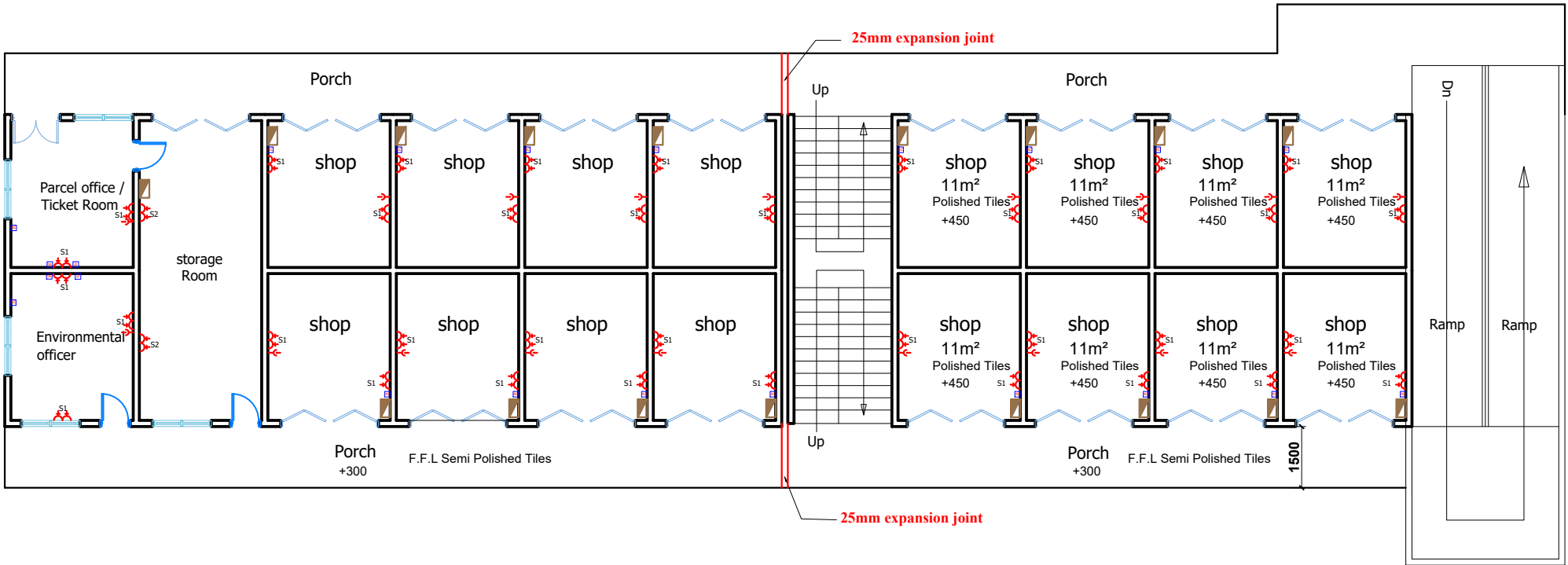
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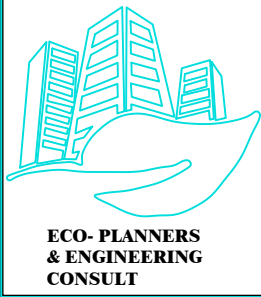
DRG NO.:

E01

LEGEND (POWER LOAD)						
SYMBOL	DESCRIPTION	QUANTITY	POWER (W)	TOTAL POWER (W)	POWER (VA)	TOTAL POWER (VA)
	2 x 10A switch socket outlet	39	0.600	23.4	0.6	14.04
	20A 17W HCB	0			1L	18.23A
	TV socket	12	0	0	0	0
	Data socket	29	0	0	0	0
	Telephone socket	2	0	0	0	0
	Hand dryer	6	0	0	0	0
	Distribution board	3	0	0	0	0
	Panel board	0	0	0	0	0

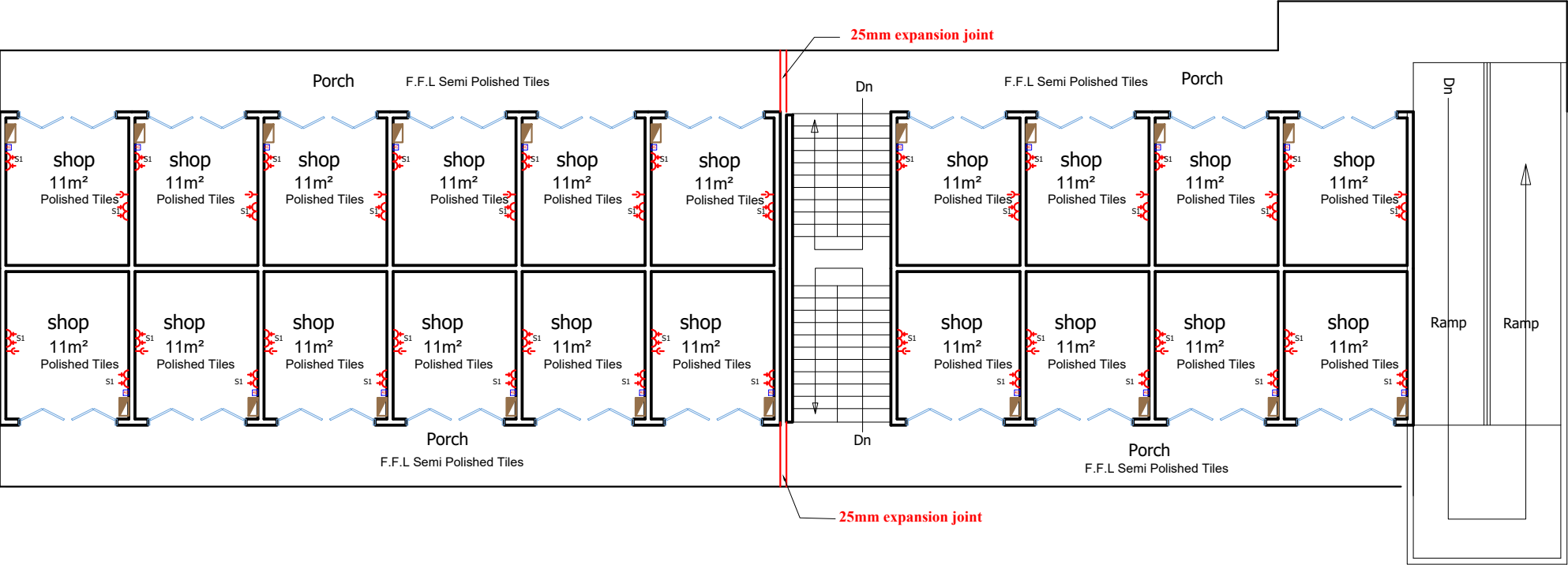


GROUND FLOOR PLAN

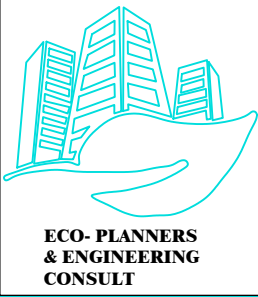


CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT : PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE 	SCALE:	1 : 100	DRG NO.: E03
DRAWING TITLE:	ELECTRICAL LAYOUT (POWER SYSTEM)		DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	
DATE:			DRAWN BY:	C. O. ABOARH & A. FRANK	
NOTE :					

LEGEND (POWER LOAD)						
SYMBOL	DESCRIPTION	QUANTITY	POWER (W)	TOTAL POWER (W)	LOAD FACTOR	LOAD FACTOR (VA)
	2 x 10A switch socket outlet	40	0.600	24	0.6	14.4
	20A 17W HCB	0			IL	18.23A
	TV socket	12	0	0	0	0
	Data socket	29	0	0	0	0
	Telephone socket	2	0	0	0	0
	Hand dryer	6	0	0	0	0
	Distribution board	3	0	0	0	0
	Panel board	0	0	0	0	0



FIRST FLOOR PLAN



CLIENT:

DRAWING
TITLE:

DATE:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

ELECTRICAL LAYOUT (POWER SYSTEM)

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

NOTE :



SCALE:

DESIGNED BY:

DRAWN BY:

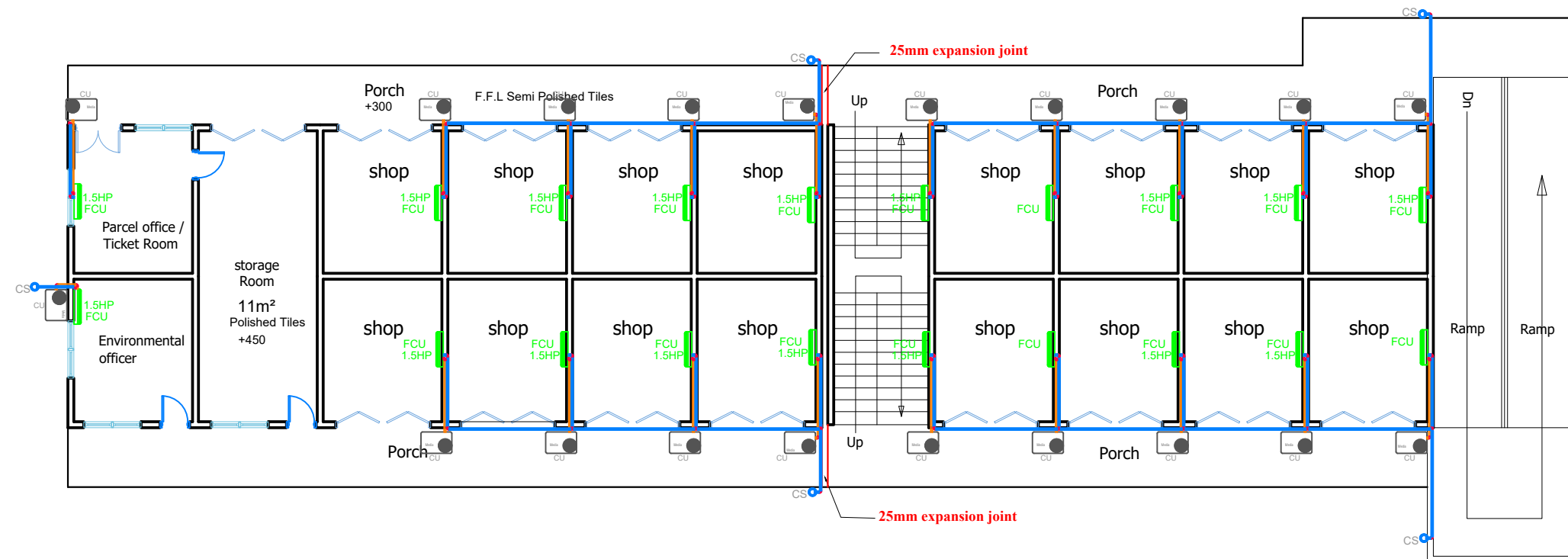
1 : 100

**ECO - PLANNERS &
ENGINEERING CONSULT**

C. O. ABOARH & A. FRANK

DRG NO.:

E04



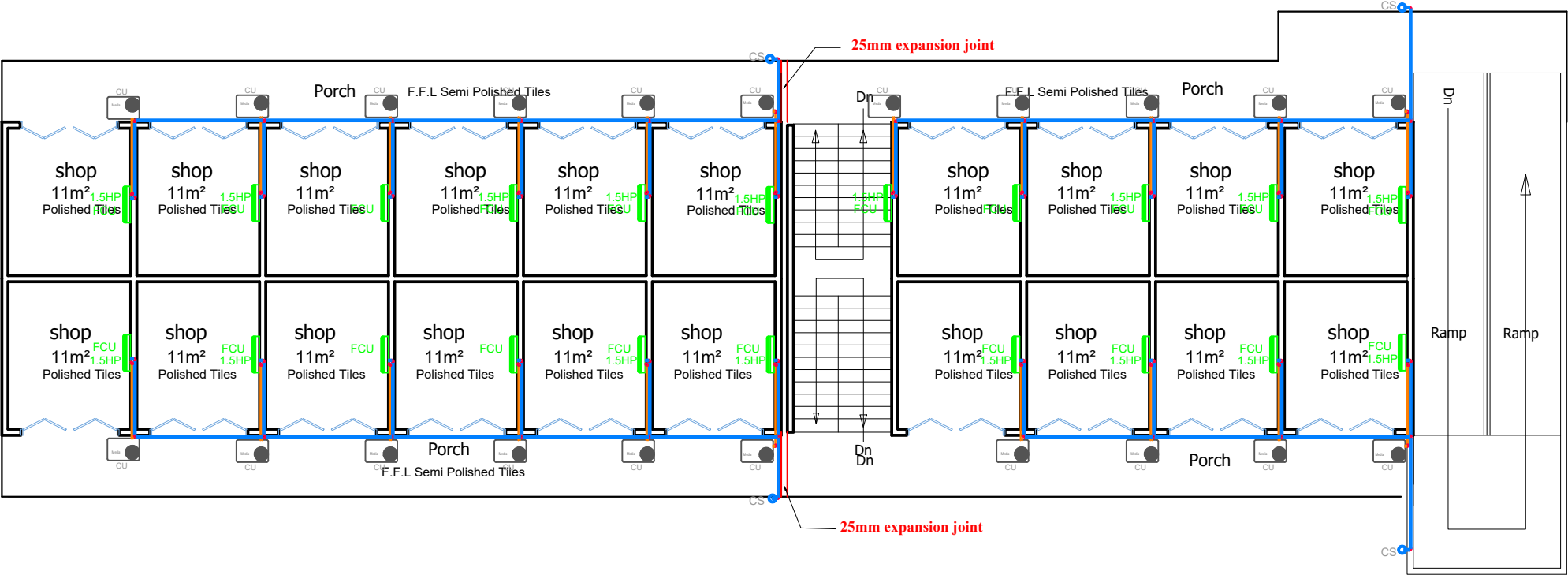
GROUND FLOOR PLAN

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

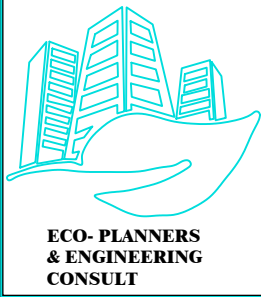


CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT : PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE 	SCALE:	1 : 100	DRG NO.: A05
DRAWING TITLE:	MECHANICAL LAYOUT(H.V.A.C)		DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	
DATE:			DRAWN BY:	C. O. ABOARH & A. FRANK	

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



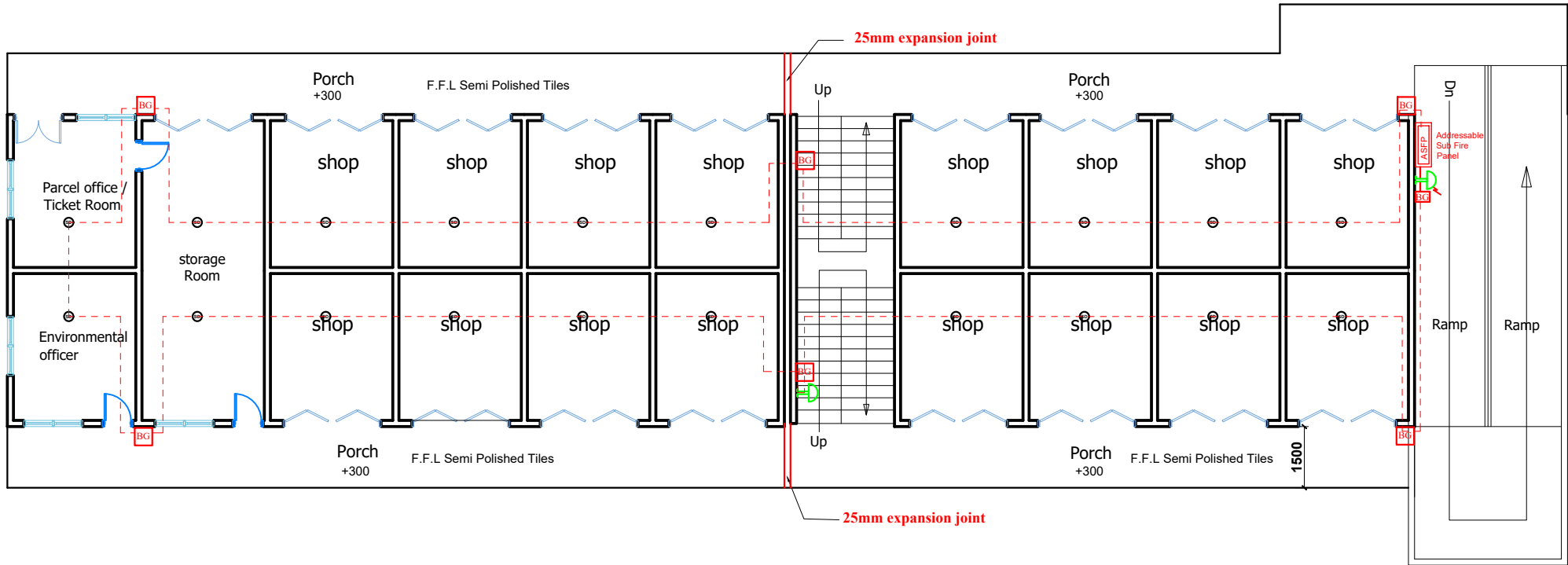
FIRST FLOOR PLAN



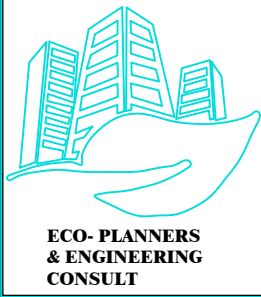
CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT : PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE		SCALE:	1 : 100	DRG NO.: A06
DRAWING TITLE:	MECHANICAL LAYOUT(H.V.A.C)			DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	
DATE:				DRAWN BY:	C. O. ABOARH & A. FRANK	
		NOTE :				

LEGEND
F.A.S

BG	Call point break glass
ES	Electronic sounder
SD	Photoelectric smoke detector
AFP	FIRE ALARM PANEL



GROUND FLOOR PLAN



CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT : PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE 	SCALE:	1 : 100	DRG NO.: A07
DRAWING TITLE:	FIRE ALARM SYSTEM		DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	
DATE:			DRAWN BY:	C. O. ABOARH & A. FRANK	
		<u>NOTE :</u>			

LEGEND

F.A.S



Call point break glass



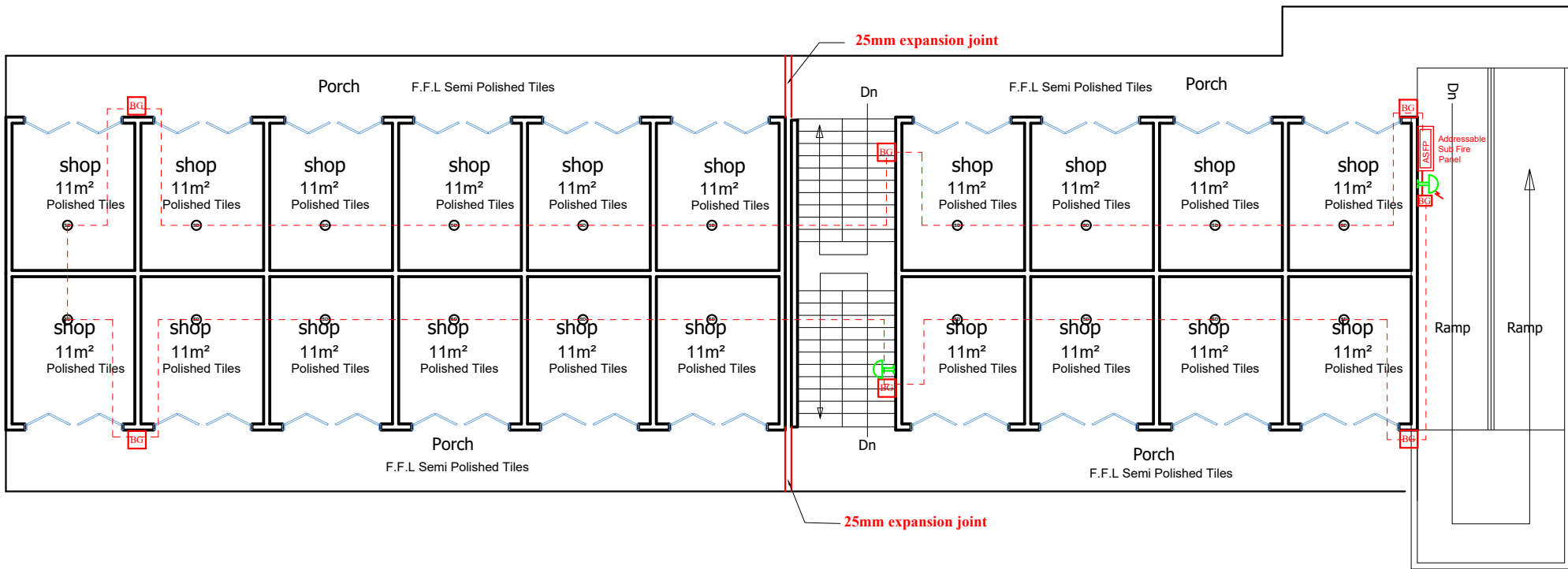
Electronic sounder



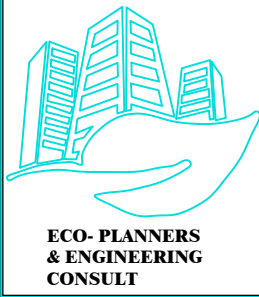
Photoelectric smoke detector



FIRE ALARM PANEL



FIRST FLOOR PLAN



CLIENT:

MINISTRY OF LOCAL GOVERNMENT ,
CHIEFTAINCY & RELIGIOUS AFFAIRS

DRAWING
TITLE:

FIRE ALARM SYSTEM

DATE:

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



SCALE:

1 : 100

DESIGNED BY:

**ECO - PLANNERS &
ENGINEERING CONSULT**

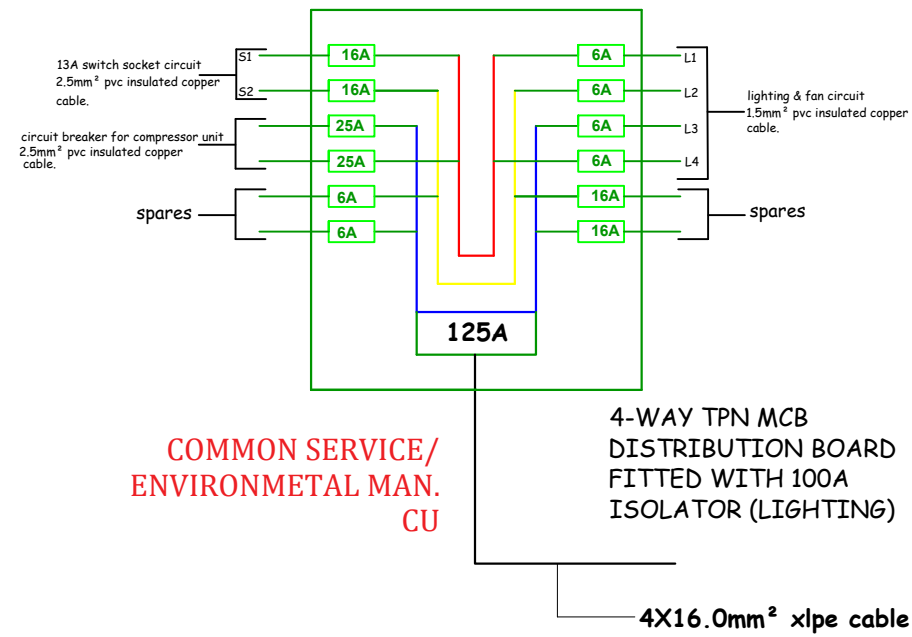
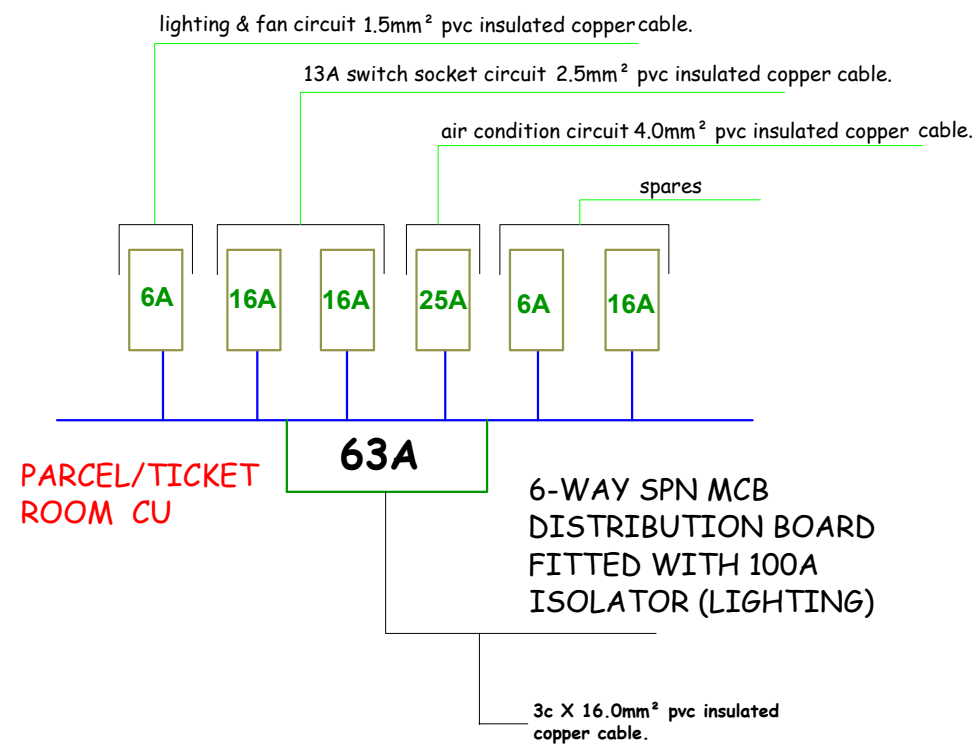
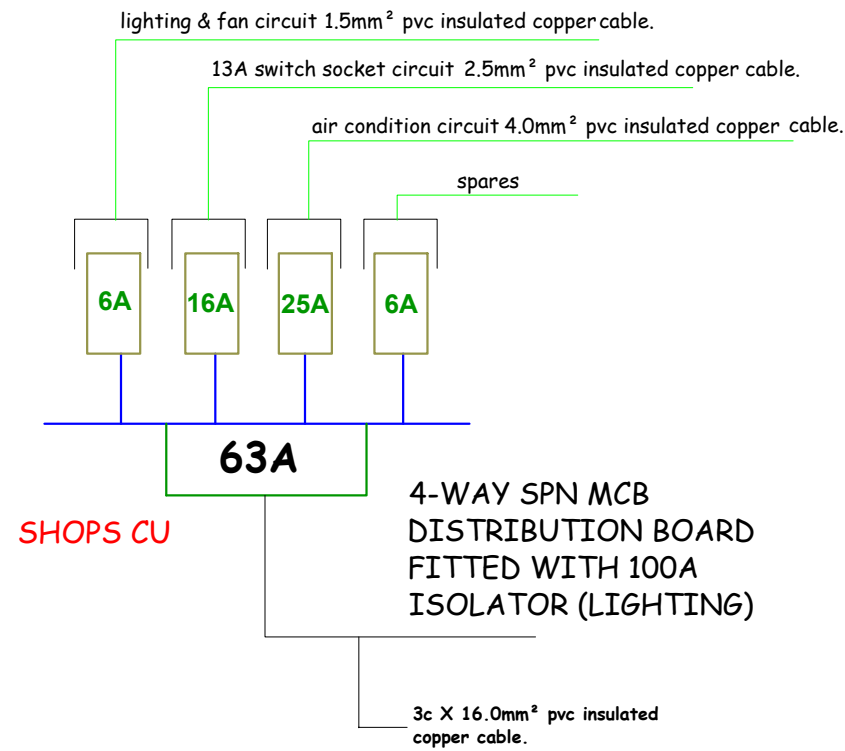
DRAWN BY:

C. O. ABOARH & A. FRANK

NOTE :

DRG NO.:

A08



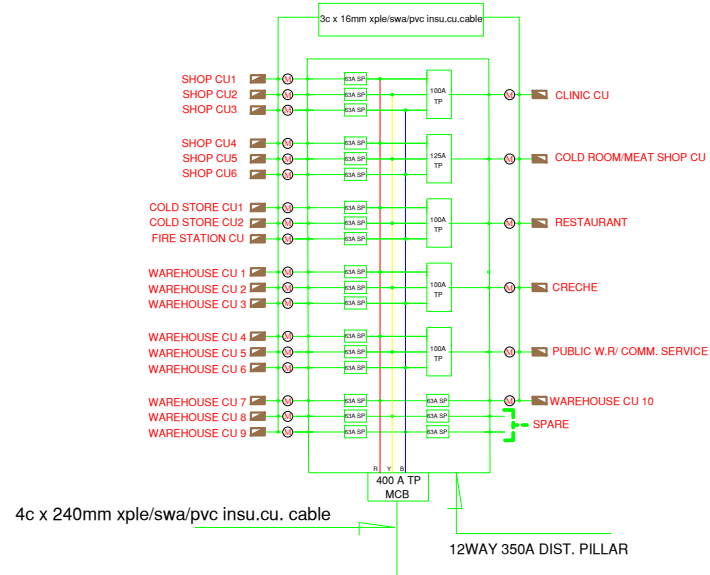
GROUND FLOOR PLAN

 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:	ELECTRICAL CIRCUIT CONTROL UNIT			DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT	
	DATE:		NOTE :	DRAWN BY:	C. O. ABOARH & A. FRANK		

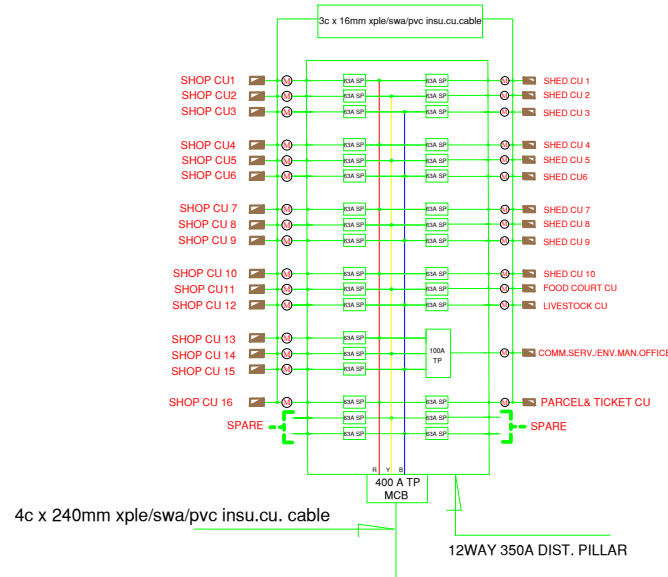
LEGEND (POWER LOAD FOR GF & FF)						
A	TOTAL ASSUMED LIGHTING LOAD(KW)					7.1648
	2 x 13A switch socket outlet.	79	0.600	47.4	0.6	28.44
	32A DP air condition switch	38	2.700	102.6	0.8	82.08
	20-litre capacity water heater.	0	1.200	0	0.8	0
B	TOTAL ASSUMED POWER LOAD(KW)					110.52
	TOTAL ASSUMED LOAD(KW) A+B					117.7

FIRST FLOOR PLAN

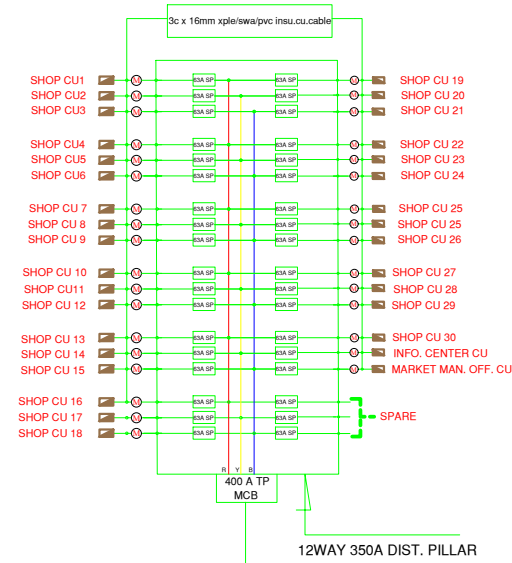
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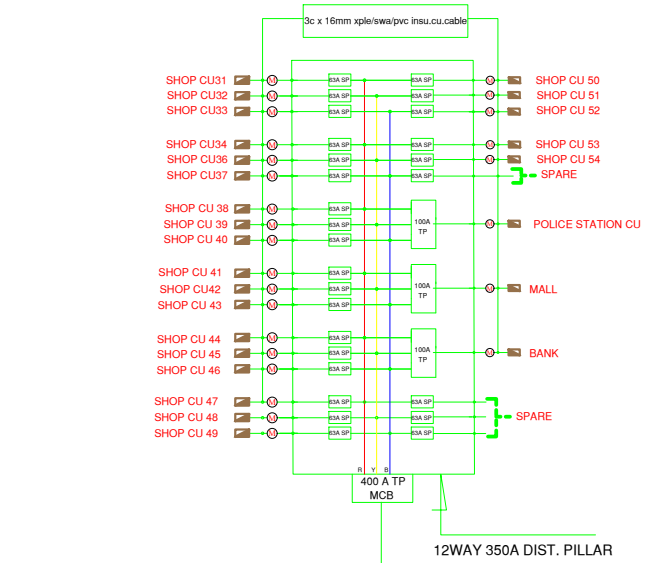
2



3



4



CLIENT:	MINISTRY OF LOCAL GOVERNMENT , CHIEFTAINCY & RELIGIOUS AFFAIRS	PROJECT :	PROPOSED 24-HOUR ECONOMY MARKET & COMMERCIAL CENTRE	SCALE:	1 : 100	DRG NO.:	E11
DRAWING TITLE:	ELECTRICAL CIRCUIT CONTROL UNIT			DESIGNED BY:	ECO - PLANNERS & ENGINEERING CONSULT		
DATE:		NOTE :		DRAWN BY:	C. O. ABOARH & A. FRANK		