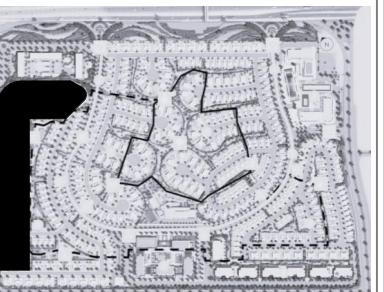


General Notes :

- THE MIN. CHARACTERISTIC CONCRETE COMPRESSIVE STRENGTH AFTER 28 DAYS (f_c)
 - FOR PLAIN CONCRETE = 20 MPa
 - FOR ALL REINFORCED CONCRETE MEMBERS = 35 MPa.
- THE CONCRETE REINFORCEMENT IS:
 - DEFORMED BARS (B500DWR) F_y=500 MPa
 - UNDEFORMED BARS USED AS STIRRUPS OF DIAMETER Ø8 MM ONLY (B240-P) F_y=240MPa
- DO NOT SCALE DWGs. DIMENSION GIVEN SHALL GOVERN.
- DIMENSIONS ARE IN MILLIMETERS AND ELEVATION LEVELS ARE IN METERS.
- ALL UNDER GROUND ELEMENTS TO BE INSULATED BY 2 COATS OF OXIDIZED BITUMINOUS PAINT AND AS PER SOIL REPORT RECOMMENDATIONS
- ALL MEP WORK TO BE COORDINATED WITH STRUCTURAL ELEMENTS BEFORE STARTING WORK.

Key Plan :



Revisions :

number	Date	Description
Rev (01)	04/06/2025	

Issues :

number	Date	Description

Owner :

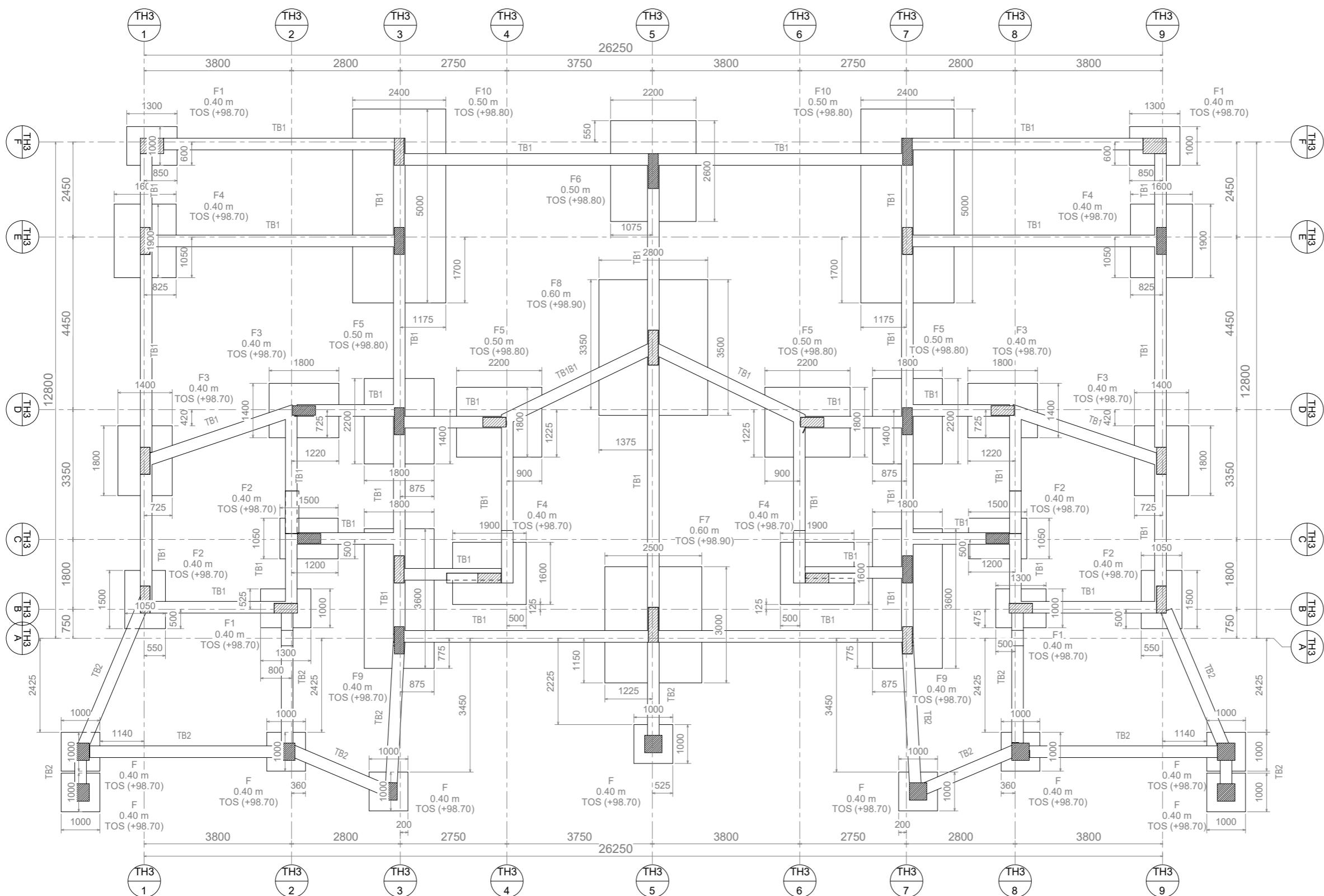


SOUL
LUXURY BEACH RESORT

Consultant :



Contractor :



COLUMNS DETAILS								
COLUMN TYPE FLOOR	C1	C2,C2A	C3,C3A	C4	C5	PC1	PC2	CN
FROM ROOF TO UPPER ROOF								
FROM FIRST FLOOR TO ROOF								
FROM GROUND FLOOR TO FIRST FLOOR								
FROM FOUNDATION TO GROUND FLOOR								

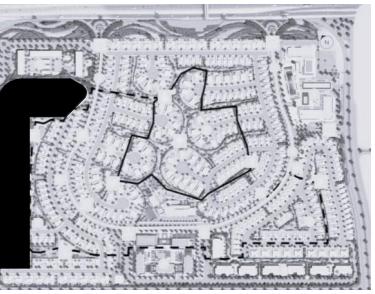
1- FOR COLUMN STIRRUPS SPACING REFER TO COLUMN TYPICAL DETAIL.

2- FOR THE TERMINATED COLUMNS ATTACHED WITH INVERTED BEAMS, THE TOP LEVEL OF THE COLUMNS SHALL BE THE SAME AS THE TOP LEVEL OF THE ADJACENT INVERTED BEAM (UNLESS INDICATED).

General Notes :

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 A. FOR PLAIN CONCRETE = 20 MPa
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Key Plan :



Revisions :

number	Date	Description
Rev (01)	04/06/2025	

Issues :

number	Date	Description

Owner :



SOUL
LUXURY BEACH RESORT

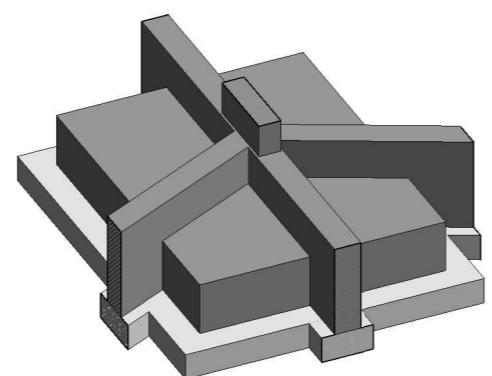
Consultant :



Contractor :

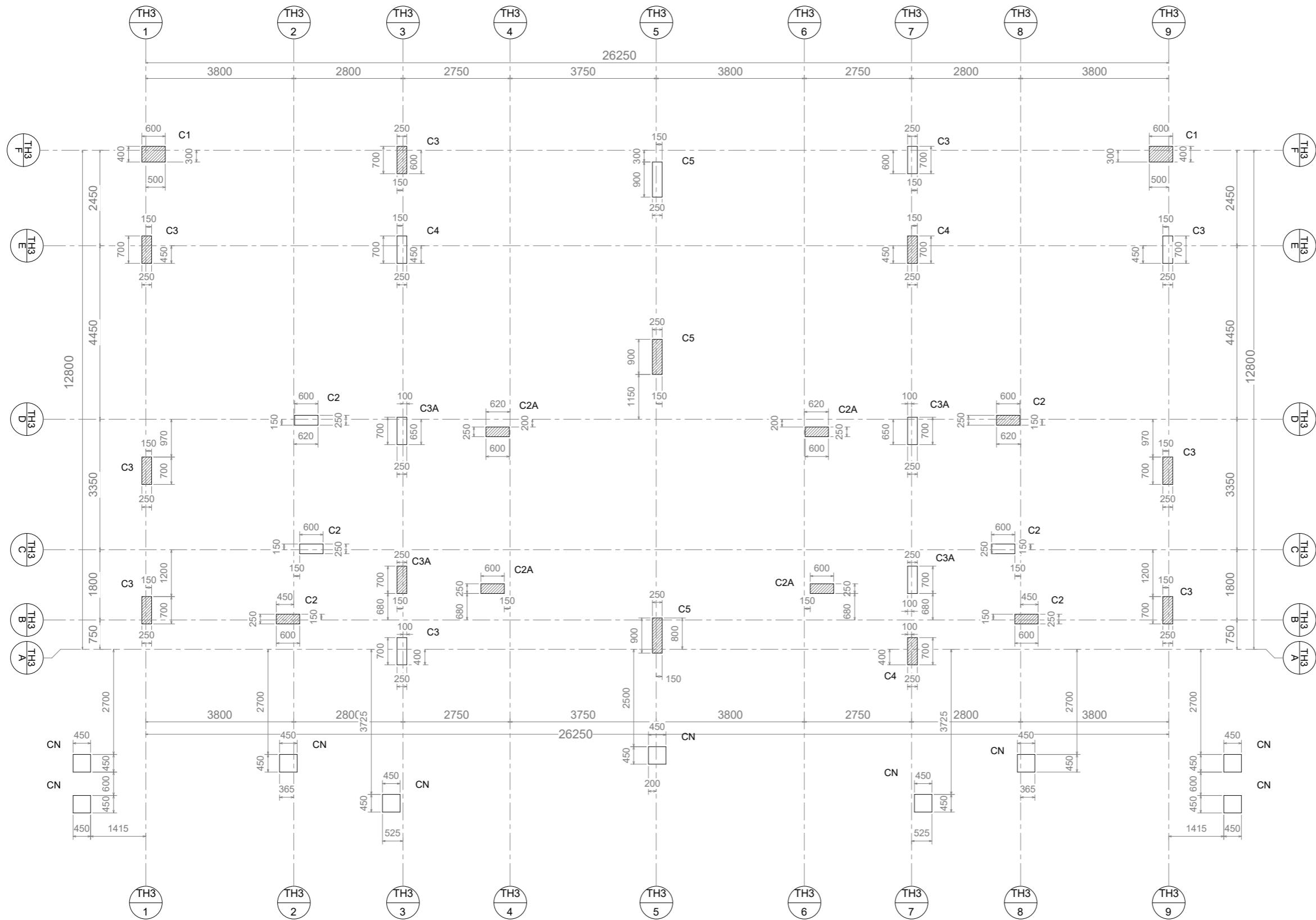
S-Beams and Girders Schedule									
MARK	SIZE:		BOTTOM BARS		TOP BARS		STIRRUPS	REMARKS	
	W	H	A	B	C	D	E	SIZE	SPACING FROM FACE OF SUPPORT TO MIDSPAN
B1	120	500	3816	--	3816	--	--	810	1@50, R/S 1@125 (1/S/1)
B2	250	500	3816	--	3816	2816	--	810	1@50, R/S 1@125 (1/S/1)
B3	250	500	3816	--	3816	--	--	810	1@50, R/S 1@125 (1/S/1)
B4	250	500	3816	--	3818	--	--	810	1@50, R/S 1@125 (1/S/1)
B5	250	500	4818	--	4816	2818	2818	810	1@50, R/S 1@40 (1/S/1)
B6	250	700	5818	--	5818	2818	2916	810	1@50, R/S 1@100 (1/S/1)
B7	250	500	4818	--	4818	--	--	812	1@50, R/S 1@125 (1/S/1)
B8	250	500	3816	--	5818	--	--	810	1@50, R/S 1@40 (1/S/1)
B9	250	500	4818	--	3816	2816	812	1@50, R/S 1@100 (1/S/1)	
B10	250	550	3816	--	3816	2916	810	1@50, R/S 1@125 (1/S/1)	
B11	250	550	4816	--	3816	2816	810	1@50, R/S 1@125 (1/S/1)	
B12	250	900	5818	--	4818	3818	3816	810	1@50, R/S 1@100 (1/S/1)
C31	250	650	3816	--	3818	--	--	810	1@50, R/S 1@125 (1/S/1)
C32	250	500	3816	--	3816	2816	--	810	1@50, R/S 1@125 (1/S/1)
C33	250	500	4816	--	5818	--	--	810	1@50, R/S 1@125 (1/S/1)

REINFORCEMENT NOTES:
 1. IF THE TOP REINFORCEMENT OF TWO ADJACENT BEAMS IS DIFFERENT THE HIGHER VALUE OF REINFORCEMENT IS ADOPTED FOR THE TWO BEAMS.
 2. USE 281@300 SIDE BARS FOR BEAMS WITH DEPTH GREATER THAN 700mm.
CAMBER:
 1. UNLESS OTHERWISE INDICATED, PROVIDE MINIMUM CAMBER FOR BEAMS WITH SPAN IN EXCEEDING 6.00 M. AS FOLLOWS:
 CONTINUOUS BEAM - 1.5 MM. PER M. OF SPAN (i.e. A 10 M. SPAN BEAM WILL HAVE 15 MM. CAMBER AT MIDSPAN).
 SIMPLE BEAM - 2.0 MM. PER M. OF SPAN AT MIDSPAN.
 2. CANTILEVER BEAM OF ANY SPAN SHALL BE PROVIDED WITH 5.0 MM. CAMBER PER METER OF SPAN AT THE FREE END.
 3. THE ANTICIPATED SHORTENING AND SETTLEMENT OF FORM SUPPORTS WHILE CARRYING CONCRETE, MUST BE ADDED TO THE ABSOLUTE VALUES OF CAMBER.



S-Tie Beams Schedule									
MARK	SIZE:		BOTTOM BARS		TOP BARS		STIRRUPS	REMARKS	
	W	H	A	B	C	D	E	SIZE	SPACING FROM FACE OF SUPPORT TO MIDSPAN
TB1	300	1050	5822	--	5822	--	--	810	1@50, R/S 1@150 (1/S/1)
TB2	300	800	5818	--	5818	--	--	810	1@50, R/S 1@150 (1/S/1)

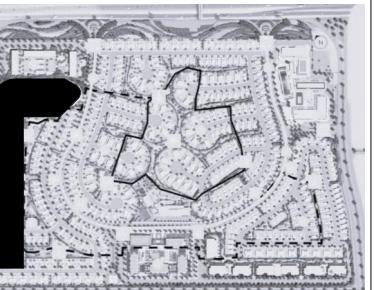
MARK	PC DIMENSIONS			RC DIMENSIONS			REINFORCEMENT	REMARKS
	W	L	H	A	B	T		
F	1600	1600	300	1000	1000	400	812@200 EW, BOT.	
I1	1600	1900	300	1000	1300	400	812@200 EW, BOT.	
I2	1650	2100	300	1050	1500	400	812@200 EW, BOT.	
I3	2000	2400	300	1400	1800	400	812@165 EW, BOT.	
I4	2200	2500	300	1600	1900	400	812@140 EW, BOT.	
I5	2400	2800	300	1800	2200	500	812@150 EW, BOT.	
I6	2800	3200	300	2200	2600	500	812@200 EW, BOT.	
I7	3100	3600	3					



General Notes :

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 - A. FOR PLAIN CONCRETE = 20 MPA
 - B. FOR ALL REINFORCED CONCRETE MEMBERS = 35 MPA.
 2. THE CONCRETE REINFORCEMENT IS:
 - A. DEFORMED BARS (B50DWFR) f_y=500 MPA
 - B. UNDEFORMED BARS USED AS STRIPS OF DIAMETER Ø8 MM ONLY (B24DWFR) f_y=240MPA
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 4. DIMENSIONS ARE IN MILLIMETERS AND ELEVATION LEVELS ARE IN METERS.
 5. ALL UNDER GROUND ELEMENTS TO BE INSULATED BY 2 COATS OF OXIDIZED BITUMINOUS PAINT AND AS PER SOIL REPORT RECOMMENDATIONS
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Key Plan :



Revisions :

Issues :

Owner :



SOUL
LUXURY BEACH RESORT

Consultant :



Contractor :

Drawing Title :

Columns & Axis - Shop Drawings

Project Name :

Project Name : Duplex Villa Type A3

ato :

06/05/25

Drawn By :

Eng / Ahmed Yasser

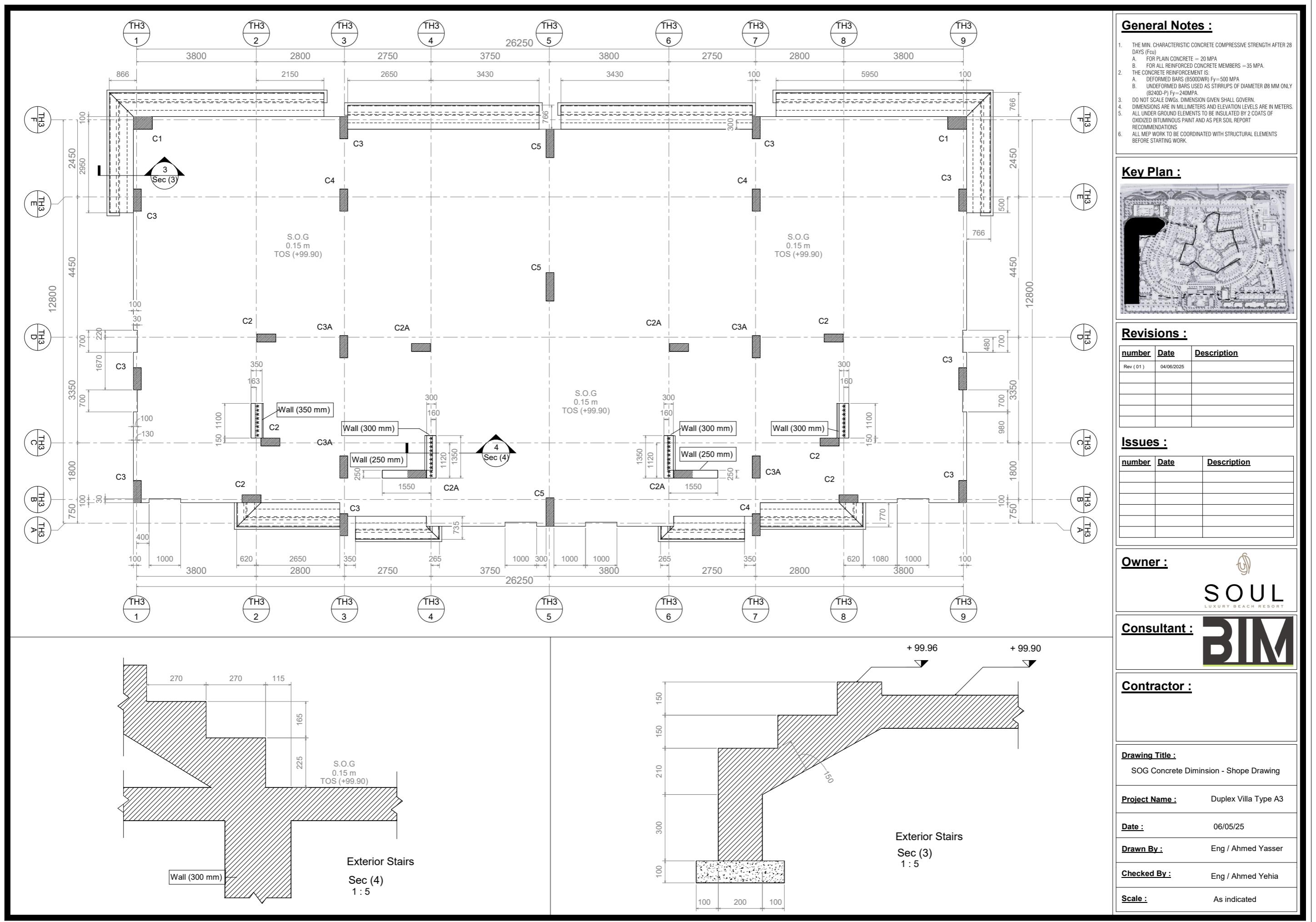
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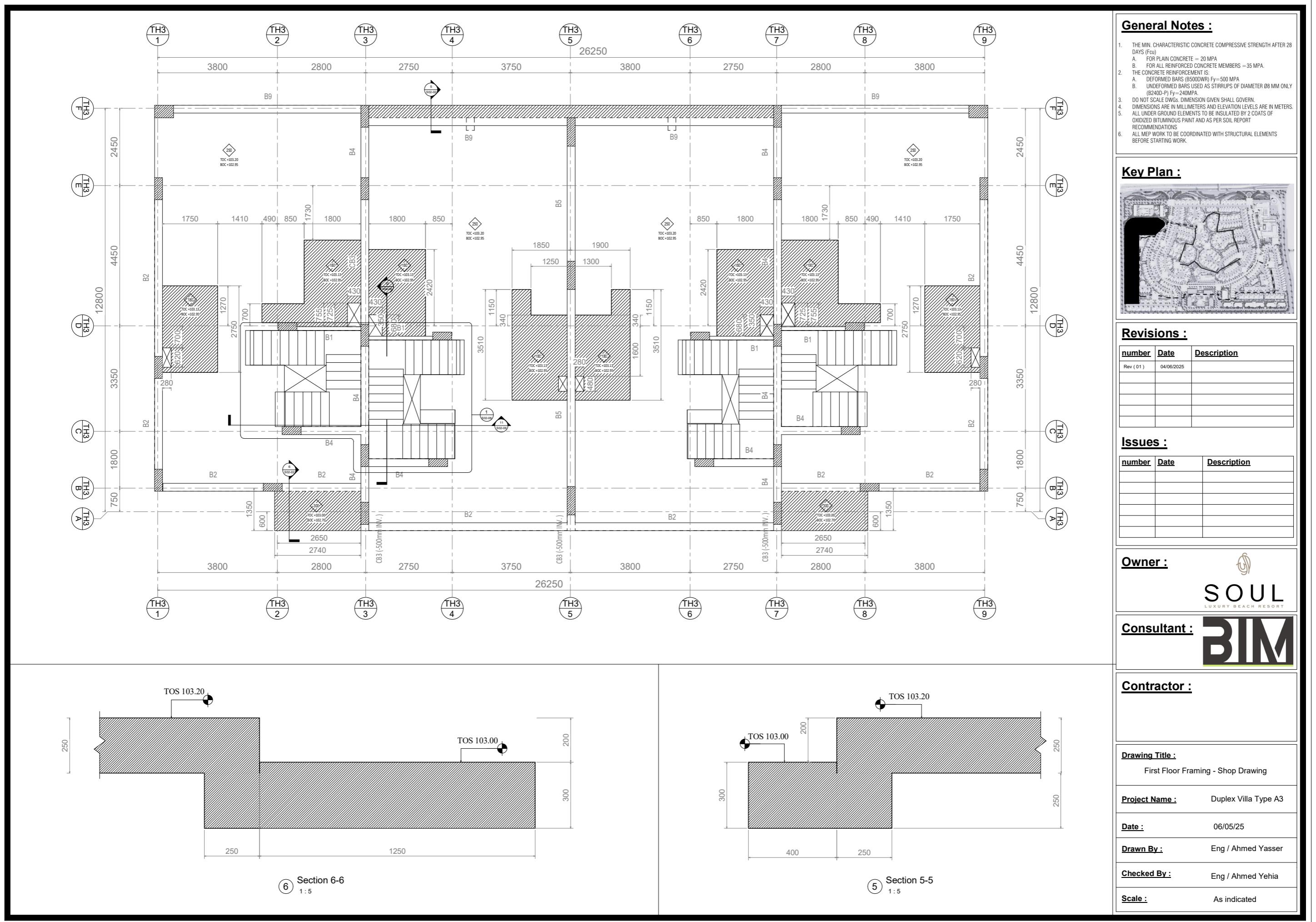
Entered By: Eng / Ahmed Yehia

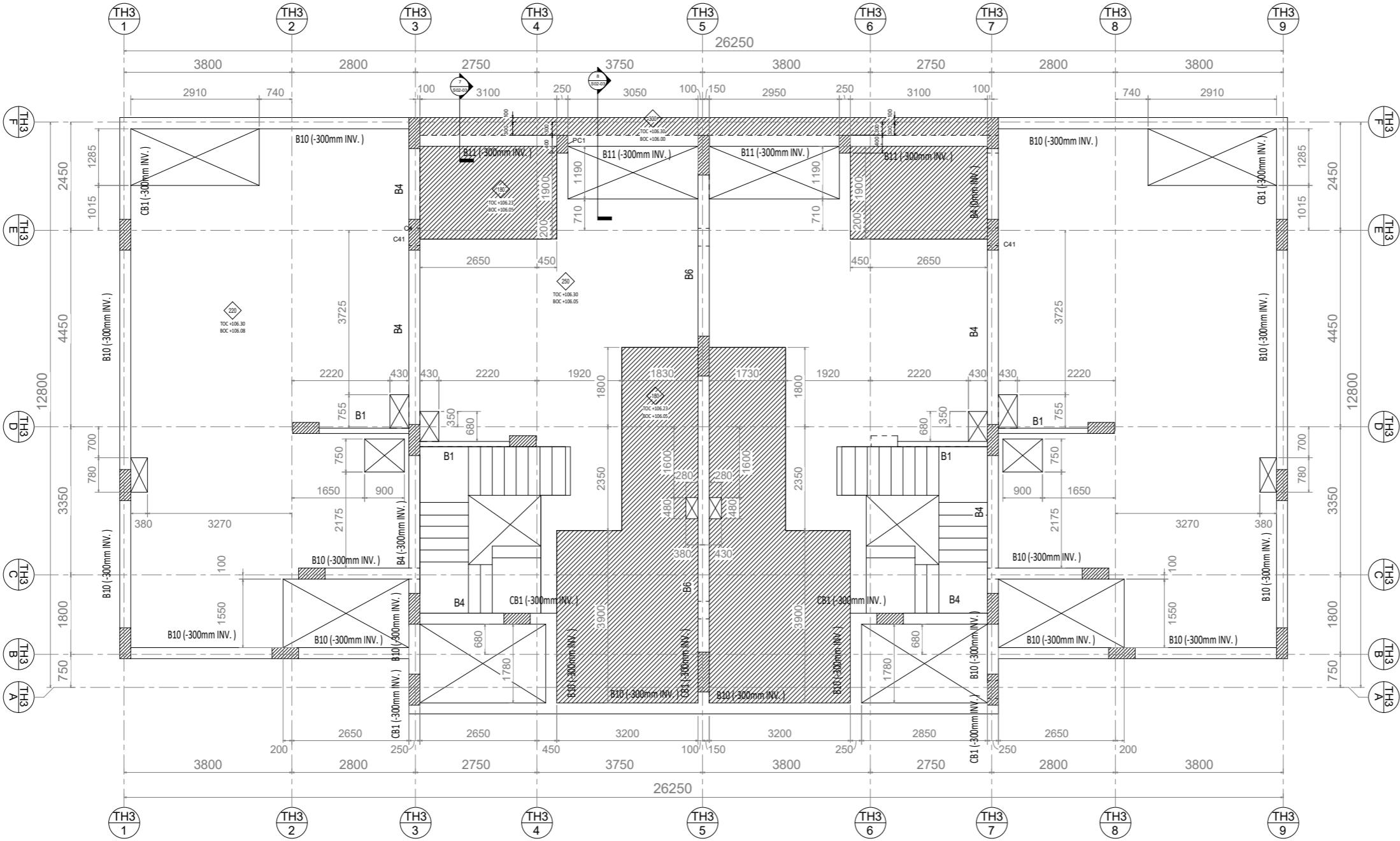
cale :

1 : 35

cale : 1 : 35







General Notes :

- THE MIN. CHARACTERISTIC CONCRETE COMPRESSIVE STRENGTH AFTER 28 DAYS (Fcu)
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Revisions :

number	Date	Description
Rev (01)	04/08/2025	

Issues :

number	Date	Description

Owner :

Consultant :

Contractor :

Drawing Title : Roof Floor Framing - Shop Drawing

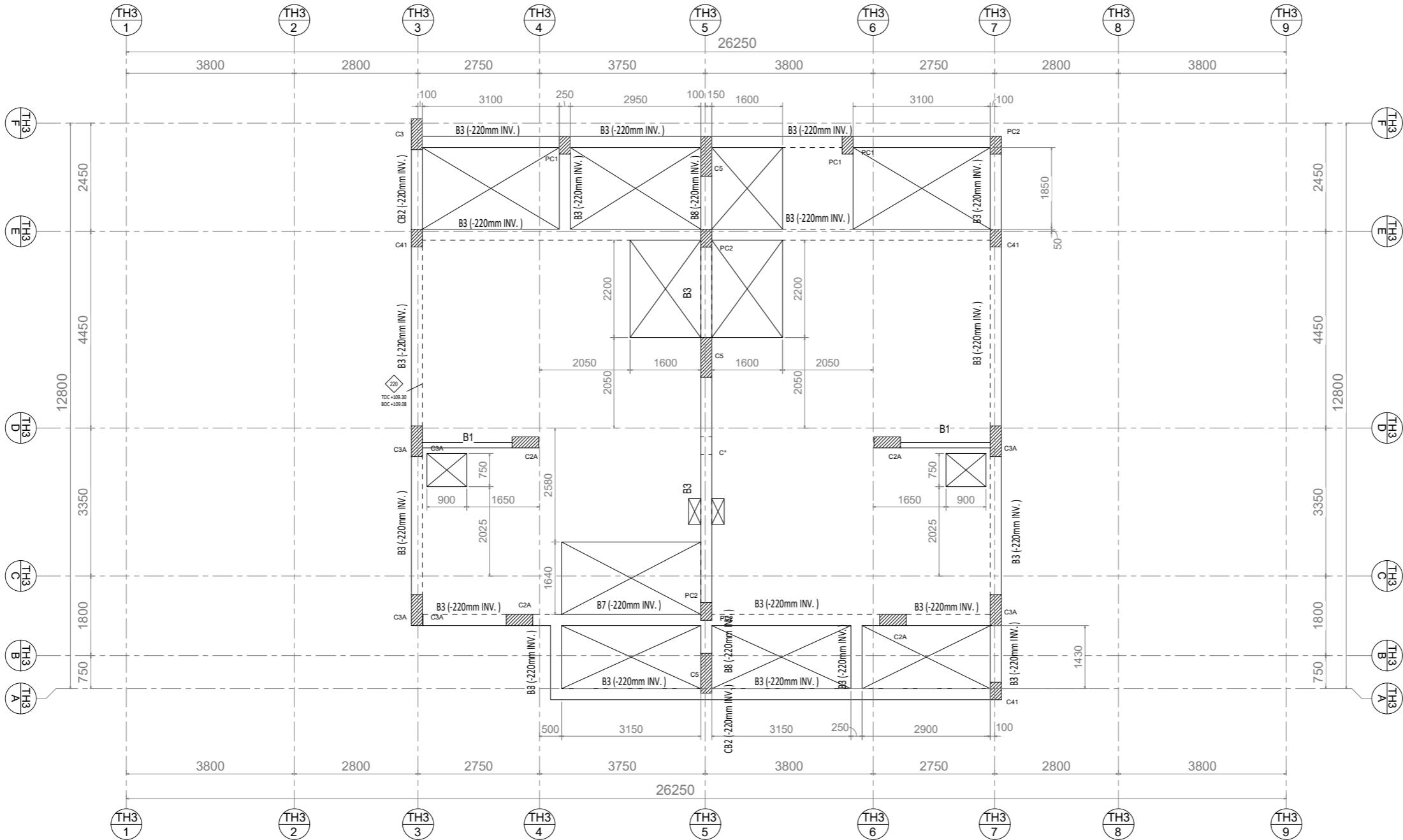
Project Name : Duplex Villa Type A3

Date : 06/08/25

Drawn By : Eng / Ahmed Yasser

Checked By : Eng / Ahmed Yehia

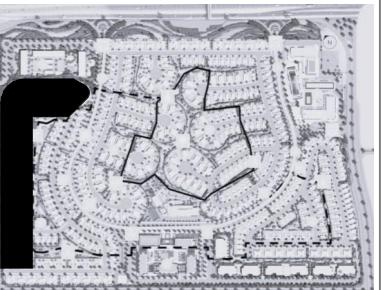
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General Notes :

1. THE MIN. CHARACTERISTIC CONCRETE COMPRESSIVE STRENGTH AFTER 28 DAYS (F_{c0})
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Key Plan :



Revisions :

<u>number</u>	<u>Date</u>	<u>Description</u>
Rev (01)	04/06/2025	

Issues :

Owner :



SOUL
LUXURY BEACH RESORT

Consultant :



Contractor :

Drawing Title :

Upper Roof 01 Framing - Shop Drawing

Project Name :

Duplex Villa Type A3

Date :

06/10/25

Drawn By :

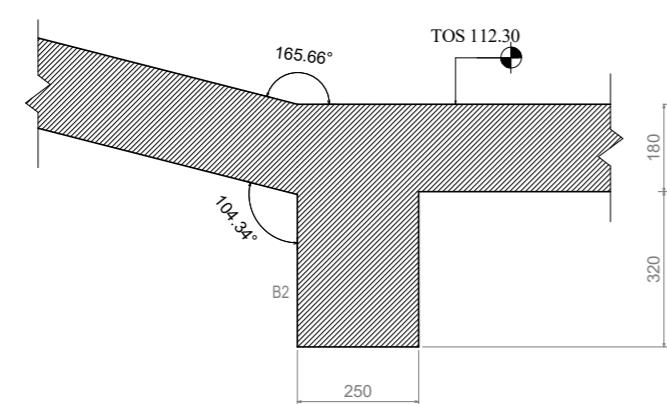
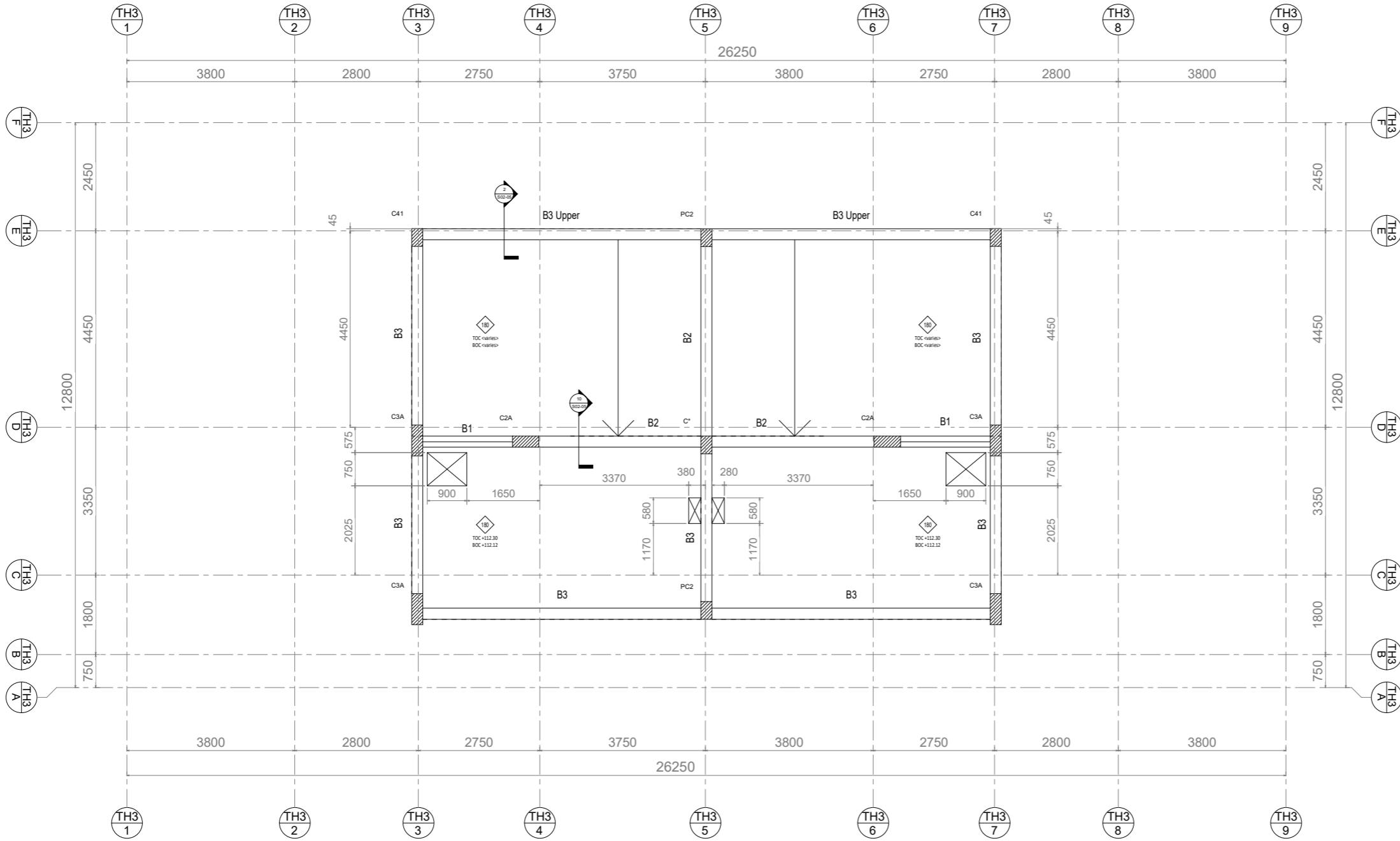
Eng / Ahmed Yasser

Checked By

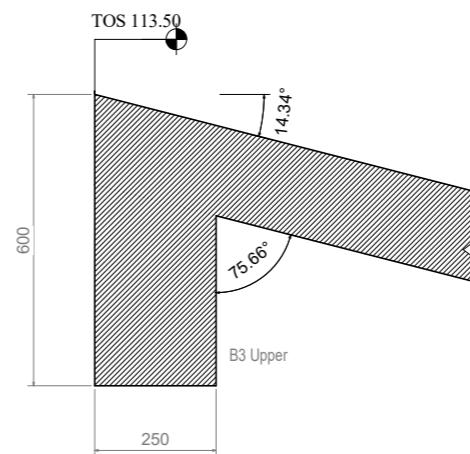
Eng / Ahmed Yehia

Scale :

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Section 10-10
1 : 5

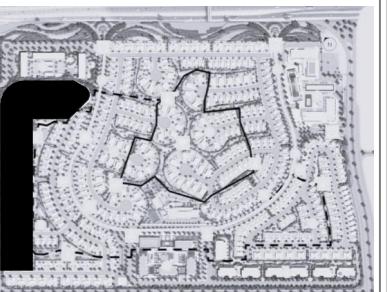


Section 9-9
1 : 5

General Notes :

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Key Plan :



Revisions :

<u>number</u>	<u>Date</u>	<u>Description</u>
Rev (01)	04/06/2025	

Issues :

Owner :

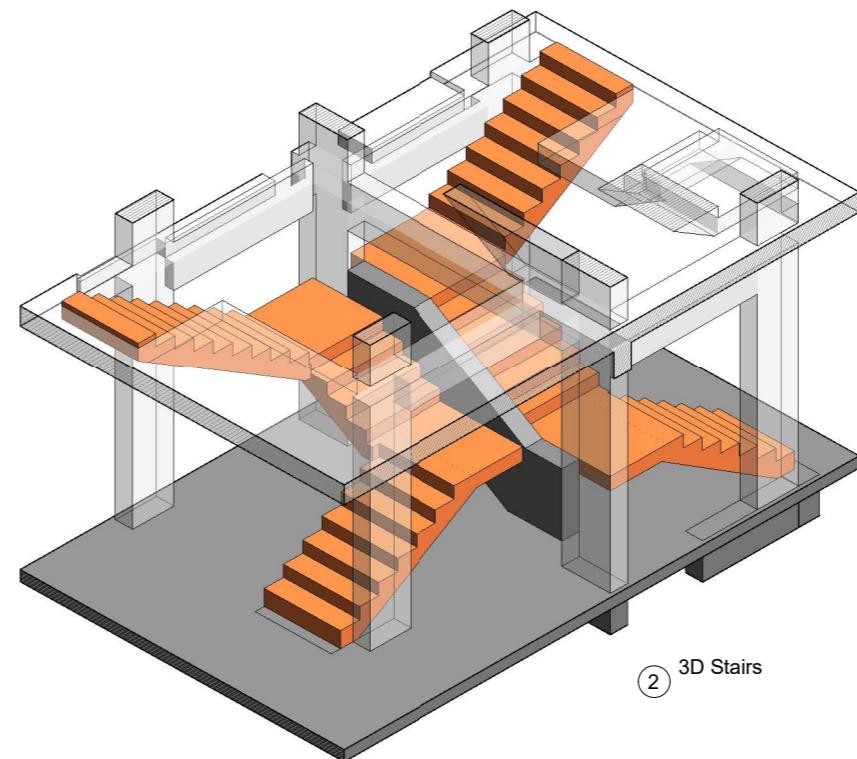
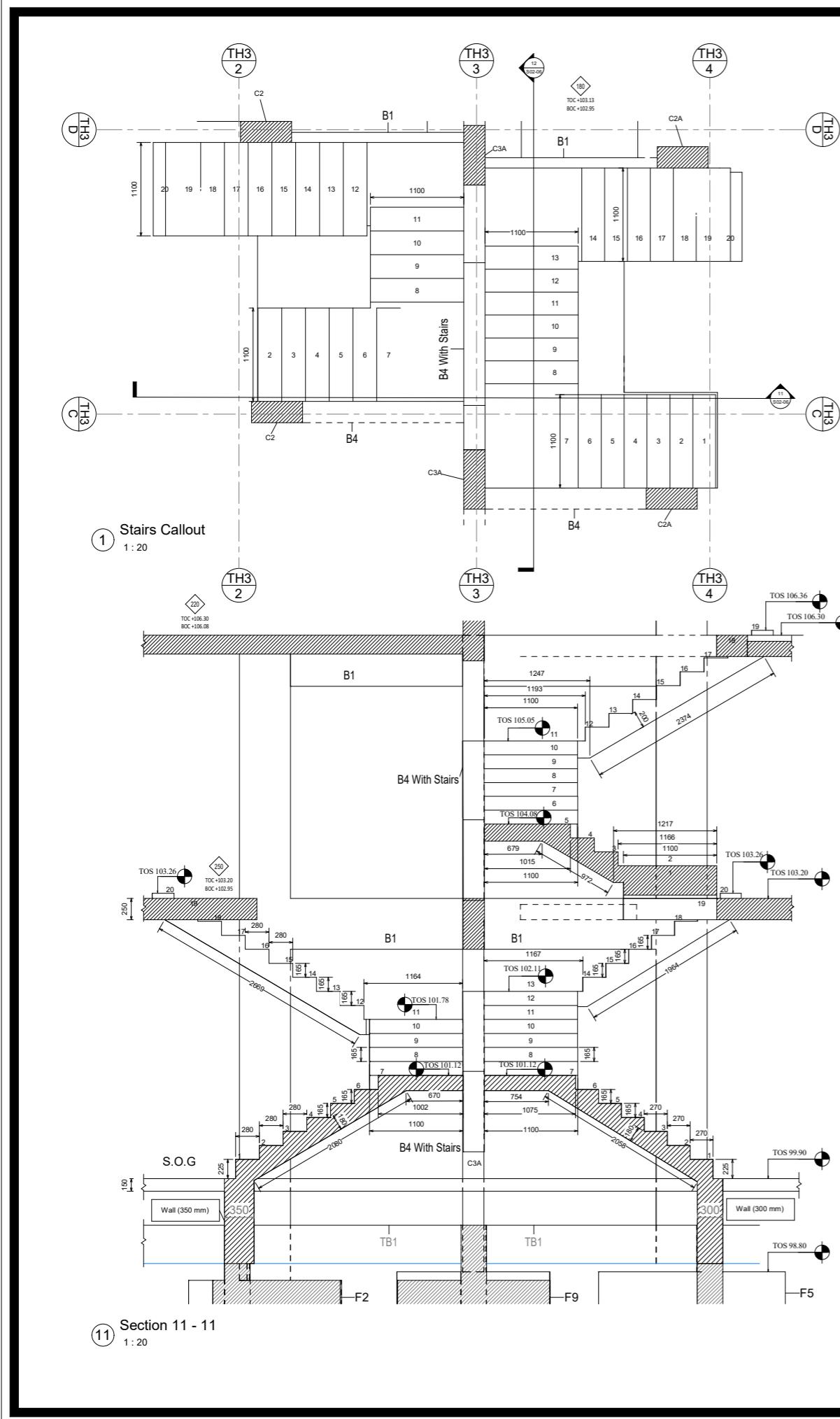


Consultant :



Contractor :

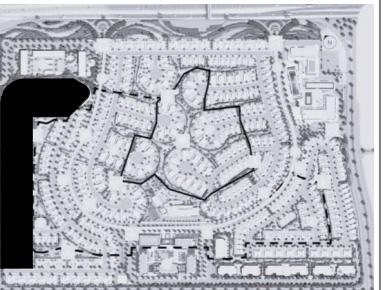
<u>Drawing Title :</u>	Upper Roof 02 Framing - Shop Drawing
<u>Project Name :</u>	Duplex Villa Type A3
<u>Date :</u>	06/10/25
<u>Drawn By :</u>	Eng / Ahmed Yasser
<u>Checked By :</u>	Eng / Ahmed Yehia
<u>Scale :</u>	As indicated



General Notes :

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 - B. UNDEFORMED BARS USED AS STRUPLS OF DIAMETER 08 MM ONLY (B240D) F_y = 140MPA
 3. DO NOT SCALE DWGS. DIMENSION GIVEN SHALL COVER.
 4. DIMENSIONS ARE IN MILLIMETERS AND ELEVATION LEVELS ARE IN METERS.
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Revisions :

<u>number</u>	<u>Date</u>	<u>Description</u>
Rev (01)	04/06/2025	

Issues :

Owner :

The logo for Soul Kitchen features a stylized, handwritten-style letter 'S' above the word 'SOUL' in a bold, sans-serif font.

Consultant :

BIM

Contractor :

Drawing Title :

Stairs 01

Project Name :

Duplex Villa Type A3

Date :

06/10/25

Drawn By :

Eng / Ahmed Yasser

Checked By :

Eng / Ahmed Yehia

Scale :

1 : 20

Digitized by srujanika@gmail.com

