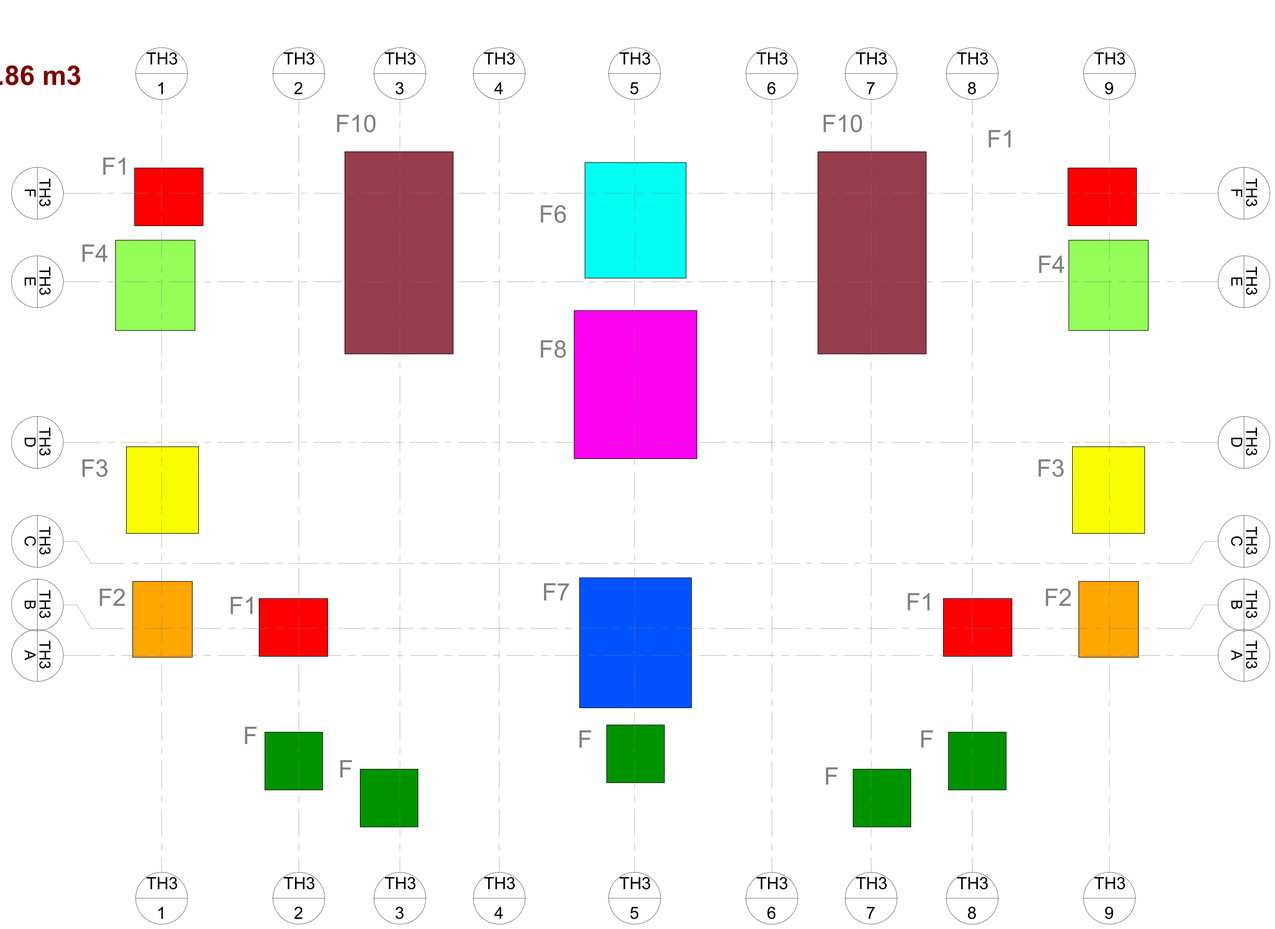
01.01 Isolated PC Footing QS	Section: 03.00.01 - Cast In Place Concrete Plain Concrete with minimum of Compressive Strenght of -- Days of -- MPA accoring to specifications including all necessary Formwork,Isolation & Construction Joints,Additives,etc. according to specifications and drawings
Level : (+98.30) PC Founadtion	
Villa Type A3	

Level	Type	Count	Area = Length * Width			Volume = Area * Thickness		Notes
			Length	Width	Area (M2)	Thickness	Volume (M3)	
(+98.30) PC Foundation QS PC Tie Beam	F1 PC 1600*1900*300	4	1.90	1.60	3.04	0.30	3.648	
(+98.30) PC Foundation QS PC Tie Beam	F2 PC 1650*2100*300	2	2.10	1.65	3.47	0.30	2.079	
(+98.30) PC Foundation QS PC Tie Beam	F3 PC 2000*2400*300	2	2.40	2.00	4.80	0.30	2.880	
(+98.30) PC Foundation QS PC Tie Beam	F4 PC 2200*2500*300	2	2.50	2.20	5.50	0.30	3.300	
(+98.30) PC Foundation QS PC Tie Beam	F6 PC 2800*3200*300	1	3.20	2.80	8.96	0.30	2.688	
(+98.30) PC Foundation QS PC Tie Beam	F7 PC 3100*3600*300	1	3.60	3.10	11.16	0.30	3.348	
(+98.30) PC Foundation QS PC Tie Beam	F10 PC 3000*5600*300	2	5.60	3.00	16.80	0.30	10.080	
(+98.30) PC Foundation QS PC Tie Beam	F PC 1600*1600*300	5	1.60	1.60	2.56	0.30	3.840	
Grand total		**19**					**31.863**	

Total Volume of Plain Concrete for PC Isolated Foundation = 31.86 m3

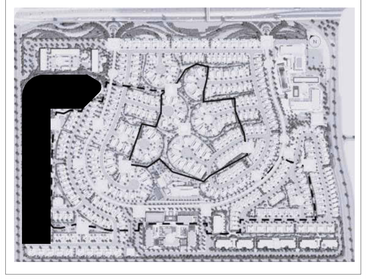
اجمالي كميات حصر الخرسانه العاديه لزوم القواعد المنفصله =31.86م 3



General Notes :

1. THE MIN. CHARACTERISTIC CONCRETE COMPRESSIVE STRENGTH AFTER 28 DAYS (Fcu)
   A. FOR PLAIN CONCRETE = 20 MPA
   B. FOR ALL REINFORCED CONCRETE MEMBERS =35 MPA.
2. THE CONCRETE REINFORCEMENT IS:
   A. DEFORMED BARS (B500DWR) Fy=500 MPA
   B. UNDEFORMED BARS USED AS STIRRUPS OF DIAMETER Ø8 MM ONLY (B240D-P) Fy=240MPA.
3. DO NOT SCALE DWGs. DIMENSION GIVEN SHALL GOVERN.
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
6. 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 :

Drawing Title : Quantity Survery-Cast in Place Concrete-Isolated Footings

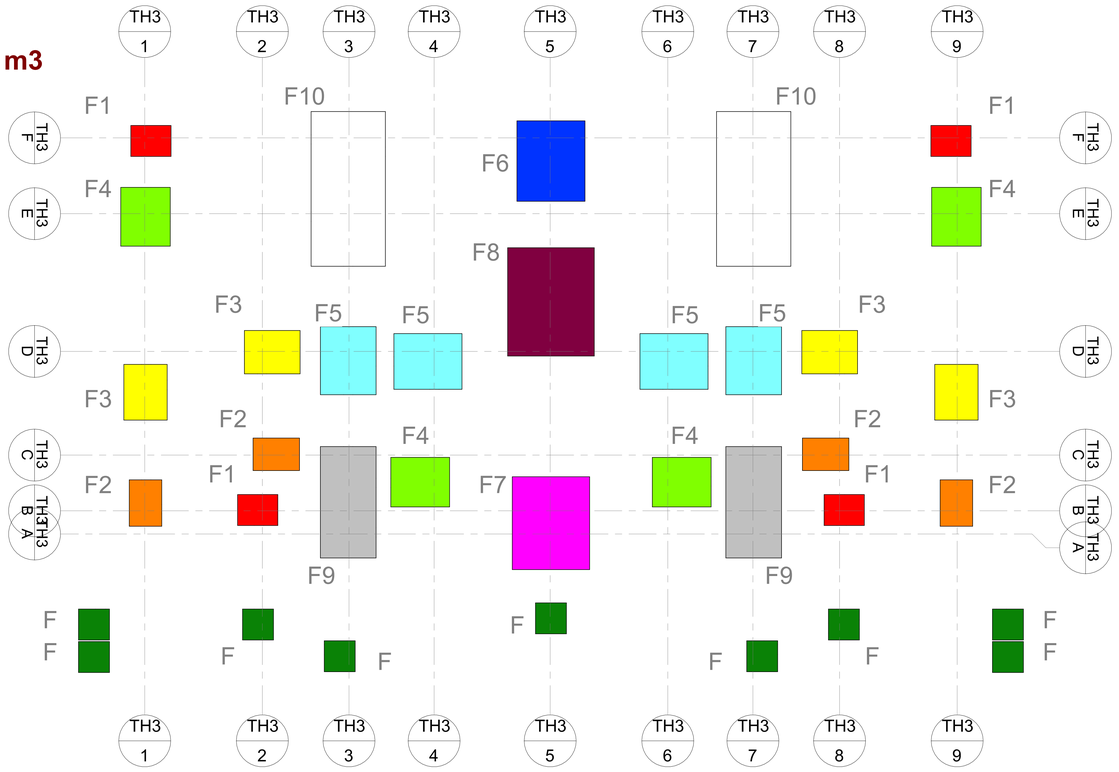
Project Name :	Duplex Villa Type A3
Date :	05/21/25
Drawn By :	Eng / Ahmed Yasser
Checked By :	Eng / Ahmed Yehia
Scale :	1 : 60

01.03 Isolated RC Footing Quantity Survey	Section: 03.01.01 - Cast In Place Concrete Reinforced Concrete with minimum of Compressive Strenght of -- Days of -- MPA accoring to specifications including all necessary Formwork,Isolation & Construction Joints,Additives,etc. according to specifications an ddrawings
Level : (+98.80) RC Founadtion	
Villa Type A3	

Level	Type	Count	Area = Length * Width			Volume = Area * Thickness		Notes
			Length	Width	Area (M2)	Thickness	Volume (M3)	
(+98.80) RC Foundation	F1 RC 1000*1300*400	4	1.30	1.00	1.30	0.40	2.080	
(+98.80) RC Foundation	F2 RC 1050*1500*400	4	1.50	1.05	1.58	0.40	2.520	
(+98.80) RC Foundation	F3 RC 1400*1800*400	4	1.80	1.40	2.52	0.40	4.032	
(+98.80) RC Foundation	F4 RC 1600*1900*400	4	1.90	1.60	3.04	0.40	4.864	
(+98.80) RC Foundation	F5 RC 1800*2200*500	4	2.20	1.80	3.96	0.50	7.920	
(+98.80) RC Foundation	F6 RC 2200*2600*500	1	2.60	2.20	5.72	0.50	2.860	
(+98.80) RC Foundation	F7 RC 2500*3000*600	1	3.00	2.50	7.50	0.60	4.500	
(+98.80) RC Foundation	F8 RC 2800*3500*600	1	3.50	2.80	9.80	0.60	5.880	
(+98.80) RC Foundation	F9 RC 1800*3600*400	2	3.60	1.80	6.48	0.40	5.184	
(+98.80) RC Foundation	F10 RC 2400*5000*500	2	5.00	2.40	12.00	0.50	12.000	
(+98.80) RC Foundation	F RC 1000*1000*400	9	1.00	1.00	1.00	0.40	3.600	
Grand total		**36**					**55.440**	

Total Volume of Reinforced Concrete for RC Isolated Foundation = 55.44 m3

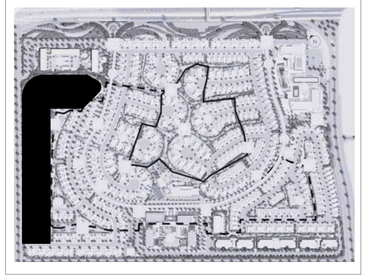
اجمالي كميات حصر الخرسانه المسلحه لزوم القواعد المنفصله =55.44م 3



General Notes :

1. THE MIN. CHARACTERISTIC CONCRETE COMPRESSIVE STRENGTH AFTER 28 DAYS (Fcu)
   - A. FOR PLAIN CONCRETE = 20 MPA
   - B. FOR ALL REINFORCED CONCRETE MEMBERS =35 MPA.
2. THE CONCRETE REINFORCEMENT IS:
   - A. DEFORMED BARS (B500DWR) Fy=500 MPA
   - B. UNDEFORMED BARS USED AS STIRRUPS OF DIAMETER Ø8 MM ONLY (B240D-P) Fy=240MPA.
3. DO NOT SCALE DWGs. DIMENSION GIVEN SHALL GOVERN.
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
6. 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 :

Drawing Title :	Quantity Survery-Cast in Place Concrete-Isolated Foundation RC
Project Name :	Duplex Villa Type A3
Date :	05/26/25
Drawn By :	Eng / Ahmed Yasser
Checked By :	Eng / Ahmed Yehia
Scale :	1 : 70

01.04 RC Tie Beam Quantit...

Level : (+98.80) RC...

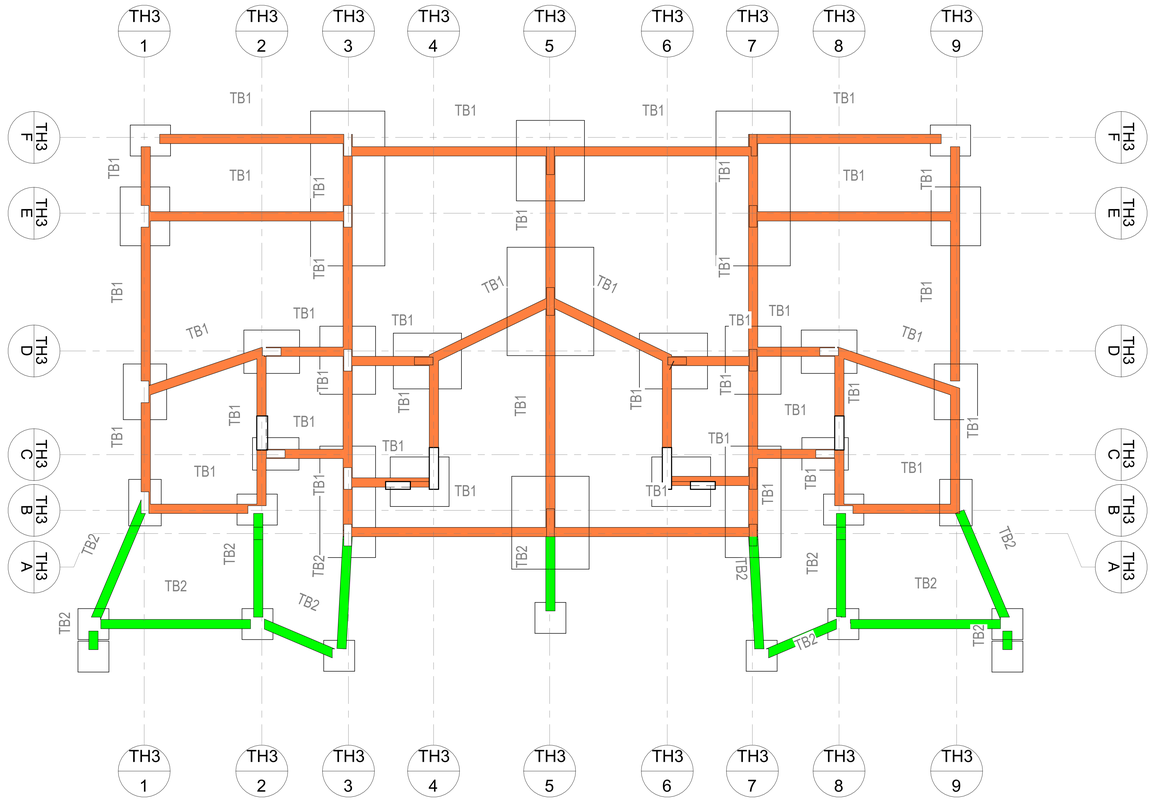
Villa Type A3

Section: 03.01.02 - Cast In Place Concrete
Reinforced Concrete with minimum of Compressive Strenght of -- Days of -- MPA accoring to specifications including all necessary Formwork,Isolation & Construction Joints,Additives,etc. according to specifications and drawings

Type	Count	Volume = Area * Cut Length		
		Cut Length (M)	Area (M2)	Volume (M3)
TB1 RC 300*1050	1	3.97	0.27	1.073
TB1 RC 300*1050	1	5.60	0.26	1.448
TB1 RC 300*1050	1	2.10	0.24	0.497
TB1 RC 300*1050	1	5.95	0.28	1.671
TB1 RC 300*1050	1	6.23	0.28	1.728
TB1 RC 300*1050	1	2.50	0.11	0.285
TB1 RC 300*1050	1	4.68	0.21	0.964
TB1 RC 300*1050	1	3.02	0.23	0.684
TB1 RC 300*1050	1	3.83	0.22	0.824
TB1 RC 300*1050	1	6.26	0.29	1.815
TB1 RC 300*1050	1	6.34	0.32	1.996
TB1 RC 300*1050	1	5.24	0.27	1.430
TB1 RC 300*1050	1	4.33	0.26	1.132
TB1 RC 300*1050	1	4.15	0.21	0.851
TB1 RC 300*1050	1	2.78	0.16	0.437
TB1 RC 300*1050	1	2.49	0.19	0.468
TB1 RC 300*1050	1	3.74	0.25	0.927
TB1 RC 300*1050	1	1.75	0.25	0.434
TB1 RC 300*1050	1	1.60	0.15	0.234
TB1 RC 300*1050	1	3.63	0.22	0.802
TB1 RC 300*1050	1	6.55	0.30	1.940
TB1 RC 300*1050	1	6.55	0.31	2.013
TB1 RC 300*1050	1	4.04	0.26	1.064
TB1 RC 300*1050	1	3.85	0.31	1.196
TB1 RC 300*1050	1	1.75	0.25	0.434
TB1 RC 300*1050	1	2.49	0.22	0.558
TB1 RC 300*1050	1	0.01	0.12	0.001
TB1 RC 300*1050	1	4.48	0.27	1.219
TB1 RC 300*1050	1	2.64	0.21	0.559
TB1 RC 300*1050	1	2.49	0.23	0.575
TB1 RC 300*1050	1	3.95	0.29	1.130
TB1 RC 300*1050	1	4.97	0.32	1.566
TB1 RC 300*1050	1	6.25	0.32	1.969
TB1 RC 300*1050	1	4.38	0.30	1.302
TB1 RC 300*1050	1	2.50	0.26	0.647
TB1 RC 300*1050	1	2.49	0.19	0.463
TB1 RC 300*1050	1	2.79	0.16	0.451
TB1 RC 300*1050	1	3.05	0.22	0.685
TB1 RC 300*1050	1	7.21	0.30	2.148
TB1 RC 300*1050	1	1.35	0.29	0.389
TB1 RC 300*1050	1	2.60	0.30	0.783
TB1 RC 300*1050	1	5.93	0.31	1.824
TB1 RC 300*1050	1	4.33	0.26	1.132
TB1 RC 300*1050	1	4.15	0.20	0.841
TB1 RC 300*1050	1	2.49	0.22	0.554
TB2 RC 300*800	1	4.12	0.19	0.802
TB2 RC 300*800	1	0.60	0.13	0.078
TB2 RC 300*800	1	3.35	0.21	0.720
TB2 RC 300*800	1	3.64	0.20	0.726
TB2 RC 300*800	1	2.40	0.23	0.543
TB2 RC 300*800	1	3.67	0.22	0.808
TB2 RC 300*800	1	3.34	0.22	0.718
TB2 RC 300*800	1	3.77	0.23	0.852
TB2 RC 300*800	1	4.84	0.23	1.096
TB2 RC 300*800	1	0.60	0.19	0.111
TB2 RC 300*800	1	2.93	0.17	0.501
TB2 RC 300*800	1	2.51	0.20	0.500
TB2 RC 300*800	1	4.84	0.23	1.096
Grand total	**58**			**53.696**

Total Volume of Reinforced Concrete for RC Tie Beams = 53.7 m3

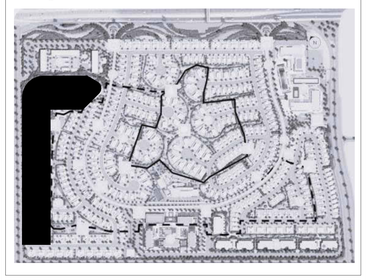
اجمالي كميات حصر الخرسانه المسلحه لزوم السملات =53.7م 3



General Notes :

1. THE MIN. CHARACTERISTIC CONCRETE COMPRESSIVE STRENGTH AFTER 28 DAYS (Fcu)
   A. FOR PLAIN CONCRETE = 20 MPA
   B. FOR ALL REINFORCED CONCRETE MEMBERS =35 MPA.
2. THE CONCRETE REINFORCEMENT IS:
   A. DEFORMED BARS (B500DWR) Fy=500 MPA
   B. UNDEFORMED BARS USED AS STIRRUPS OF DIAMETER Ø8 MM ONLY (B240D-P) Fy=240MPA.
3. DO NOT SCALE DWGs. DIMENSION GIVEN SHALL GOVERN.
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
6. 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 :

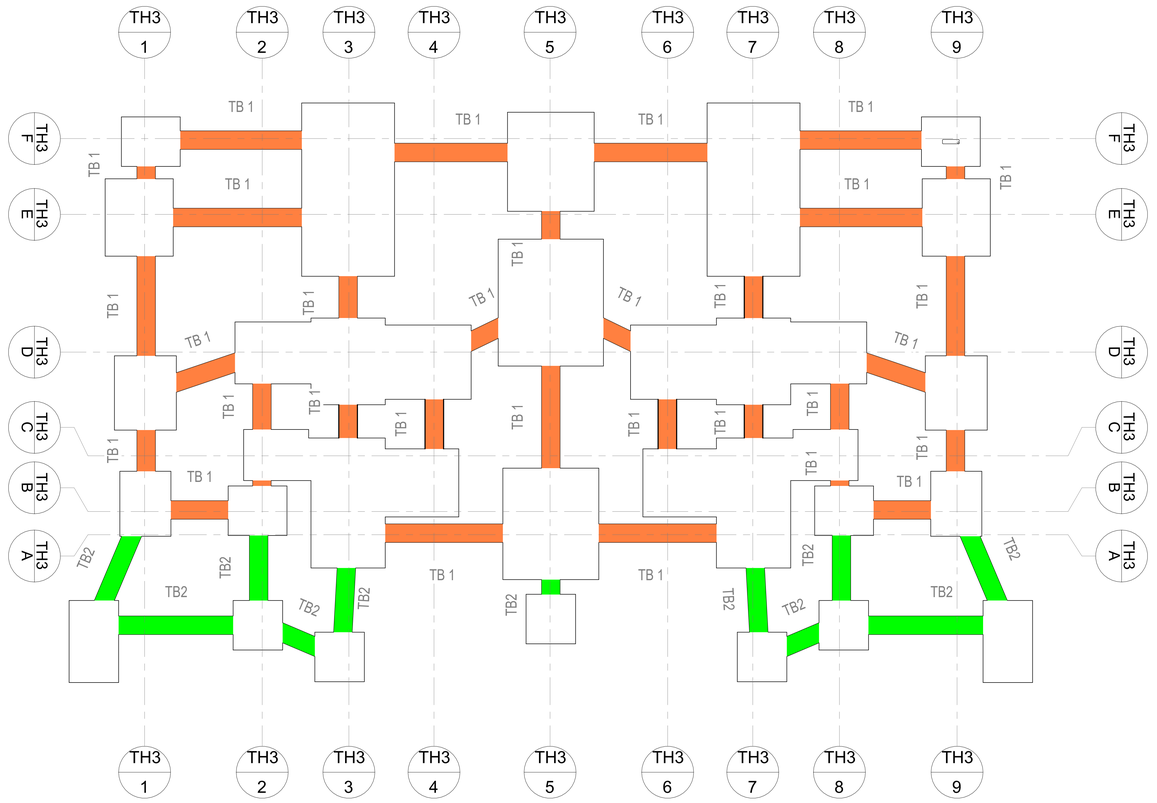
Drawing Title :
Quantity Survery-Cast in Place Concrete-Tie Beams RC

Project Name :	Duplex Villa Type A3
Date :	05/27/25
Drawn By :	Eng / Ahmed Yasser
Checked By :	Eng / Ahmed Yehia
Scale :	1 : 70

01.05 PC Tie Beam...	Section: 03.00.03 - Cast In Place Concrete Plain Concrete with minimum of Compressive Strenght of -- Days of -- MPA accoring to specifications includi...				
Level : (+98.30) PC...					
Villa Type A3					
Type	Count	Volume = Area * Cut Length			Notes
		Cut Length (M)	Area (M2)	**Volume (M3)**	
TB1 PC 600*300	**1**	**3.30**	**0.18**	**0.594**	
TB1 PC 600*300	**1**	**1.60**	**0.18**	**0.288**	
TB1 PC 600*300	**1**	**1.08**	**0.18**	**0.194**	
TB1 PC 600*300	**1**	**1.85**	**0.18**	**0.333**	
TB1 PC 600*300	**1**	**3.80**	**0.18**	**0.684**	
TB1 PC 600*300	**1**	**3.80**	**0.18**	**0.684**	
TB1 PC 600*300	**1**	**1.60**	**0.18**	**0.288**	
TB1 PC 600*300	**1**	**1.08**	**0.18**	**0.194**	
TB1 PC 600*300	**1**	**1.48**	**0.18**	**0.266**	
TB1 PC 600*300	**1**	**0.18**	**0.18**	**0.032**	
TB1 PC 600*300	**1**	**1.85**	**0.18**	**0.333**	
TB1 PC 600*300	**1**	**1.33**	**0.18**	**0.239**	
TB1 PC 600*300	**1**	**2.20**	**0.16**	**0.360**	
TB1 PC 600*300	**1**	**3.22**	**0.18**	**0.580**	
TB1 PC 600*300	**1**	**3.95**	**0.18**	**0.711**	
TB1 PC 600*300	**1**	**3.93**	**0.18**	**0.707**	
TB1 PC 600*300	**1**	**1.26**	**0.14**	**0.175**	
TB1 PC 600*300	**1**	**1.26**	**0.14**	**0.175**	
TB1 PC 600*300	**1**	**3.65**	**0.18**	**0.657**	
TB1 PC 600*300	**1**	**3.65**	**0.18**	**0.657**	
TB1 PC 600*300	**1**	**3.93**	**0.18**	**0.707**	
TB1 PC 600*300	**1**	**3.65**	**0.18**	**0.657**	
TB1 PC 600*300	**1**	**3.93**	**0.18**	**0.707**	
TB1 PC 600*300	**1**	**4.15**	**0.18**	**0.747**	
TB1 PC 600*300	**1**	**3.22**	**0.18**	**0.580**	
TB1 PC 600*300	**1**	**1.35**	**0.18**	**0.243**	
TB1 PC 600*300	**1**	**1.48**	**0.18**	**0.266**	
TB1 PC 600*300	**1**	**1.33**	**0.18**	**0.239**	
TB1 PC 600*300	**1**	**2.20**	**0.16**	**0.360**	
TB1 PC 600*300	**1**	**0.18**	**0.18**	**0.032**	
TB1 PC 600*300	**1**	**0.40**	**0.18**	**0.072**	
TB1 PC 600*300	**1**	**1.35**	**0.18**	**0.243**	
TB1 PC 600*300	**1**	**0.40**	**0.18**	**0.072**	
TB1 PC 600*300	**1**	**0.90**	**0.18**	**0.162**	
TB2 PC 600*300	**1**	**3.70**	**0.18**	**0.666**	
TB2 PC 600*300	**1**	**1.38**	**0.15**	**0.203**	
TB2 PC 600*300	**1**	**2.11**	**0.18**	**0.374**	
TB2 PC 600*300	**1**	**2.51**	**0.16**	**0.406**	
TB2 PC 600*300	**1**	**2.10**	**0.18**	**0.378**	
TB2 PC 600*300	**1**	**0.47**	**0.18**	**0.085**	
TB2 PC 600*300	**1**	**2.11**	**0.18**	**0.374**	
TB2 PC 600*300	**1**	**2.10**	**0.18**	**0.378**	
TB2 PC 600*300	**1**	**1.38**	**0.15**	**0.203**	
TB2 PC 600*300	**1**	**3.70**	**0.18**	**0.666**	
TB2 PC 600*300	**1**	**2.51**	**0.16**	**0.406**	
Grand total	**43**			**16.010**	

Total Volume of Plain Concrete for PC Tie Beams = 16.01 m3

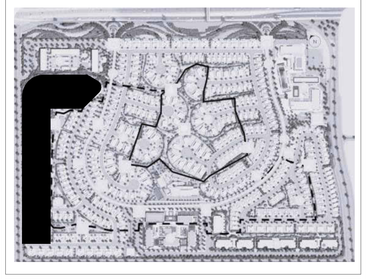
اجمالي كميات حصر الخرسانه العاديه لزوم السملات =16.01م 3



General Notes :

1. THE MIN. CHARACTERISTIC CONCRETE COMPRESSIVE STRENGTH AFTER 28 DAYS (Fcu)
   A. FOR PLAIN CONCRETE = 20 MPA
   B. FOR ALL REINFORCED CONCRETE MEMBERS =35 MPA.
2. THE CONCRETE REINFORCEMENT IS:
   A. DEFORMED BARS (B500DWR) Fy=500 MPA
   B. UNDEFORMED BARS USED AS STIRRUPS OF DIAMETER Ø8 MM ONLY (B240D-P) Fy=240MPA.
3. DO NOT SCALE DWGs. DIMENSION GIVEN SHALL GOVERN.
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
6. 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 :

Drawing Title : Quantity Survery-Cast in Place Concrete-Tie Beams PC

Project Name :	Duplex Villa Type A3
Date :	05/27/25
Drawn By :	Eng / Ahmed Yasser
Checked By :	Eng / Ahmed Yehia
Scale :	1 : 70

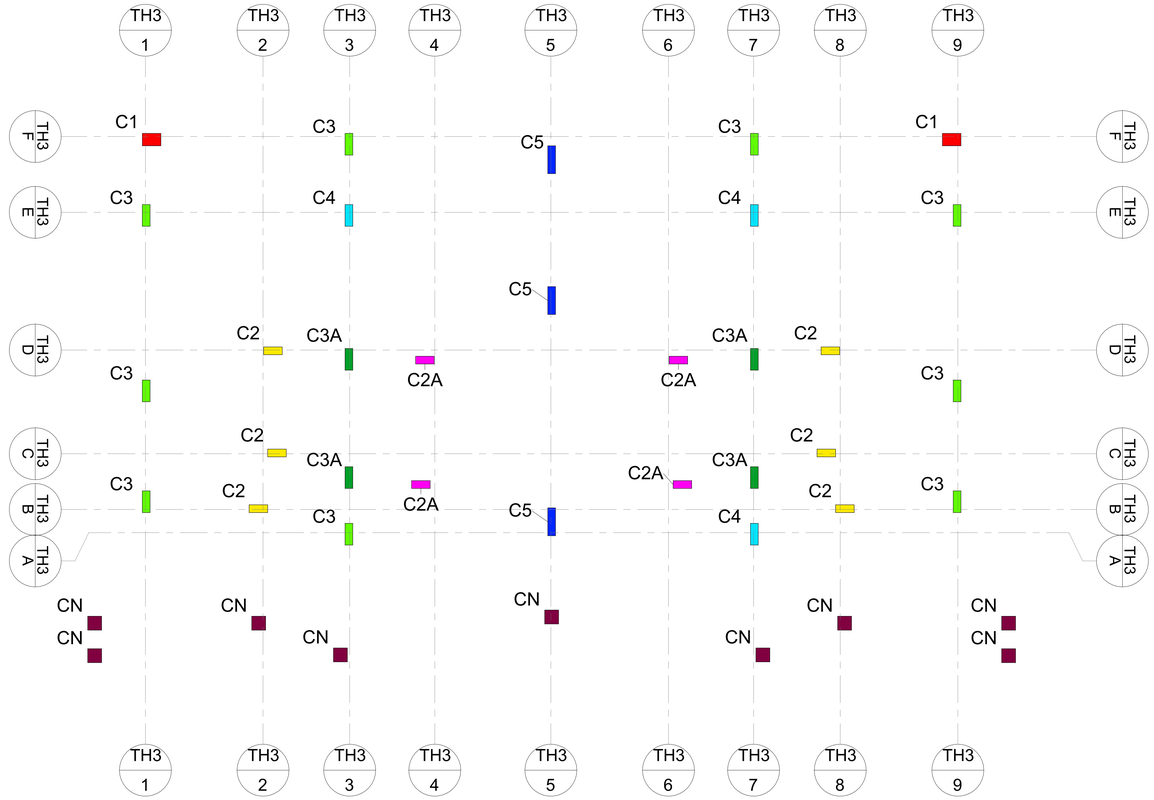
01.04 RC Coulmns Quantity Survey
Base Level : (+98.80) RC Founadtion
Top Level : (+99.90) RC Founadtion
Villa Type A3

Section: 03.01.03 - Cast In Place Concrete
Reinforced Concrete with minimum of Compressive Strenght of -- Days of -- MPA accoring to specifications including all necessary Formwork,Isolation & Construction Joints,Additives,etc. according to specifications and drawings

Type	Base Level	Top Level	Count	Area = Length * Width			Volume = Area * Height * Count	
				Width (M)	Lenght (M)	Area (M2)	Height (M)	Volume (M3)
C1 400*600	(+98.80) RC Foundation	(+99.90) S SOG	2	0.40	0.60	0.240	1200	0.576
C2 250*600	(+98.80) RC Foundation	(+99.90) S SOG	6	0.25	0.60	0.150	1200	1.080
C2A 250*600	(+98.80) RC Foundation	(+99.90) S SOG	4	0.25	0.60	0.150	1000	0.600
C3 250*700	(+98.80) RC Foundation	(+99.90) S SOG	2	0.25	0.70	0.175	1100	0.385
C3 250*700	(+98.80) RC Foundation	(+99.90) S SOG	7	0.25	0.70	0.175	1200	1.470
C3A 250*700	(+98.80) RC Foundation	(+99.90) S SOG	2	0.25	0.70	0.175	1100	0.385
C3A 250*700	(+98.80) RC Foundation	(+99.90) S SOG	2	0.25	0.70	0.175	1200	0.420
C4 250*700	(+98.80) RC Foundation	(+99.90) S SOG	2	0.25	0.70	0.175	1100	0.385
C4 250*700	(+98.80) RC Foundation	(+99.90) S SOG	1	0.25	0.70	0.175	1200	0.210
C5 250*900	(+98.80) RC Foundation	(+99.90) S SOG	2	0.25	0.90	0.225	1000	0.450
C5 250*900	(+98.80) RC Foundation	(+99.90) S SOG	1	0.25	0.90	0.225	1100	0.248
CN 450*450	(+98.80) RC Foundation	(+99.90) S SOG	9	0.45	0.45	0.203	1200	2.187
Grand total			**40**					**8.396**

Total Volume of Reinforced Concrete for Columns from RC Foundation to SOG = 8.4 m3

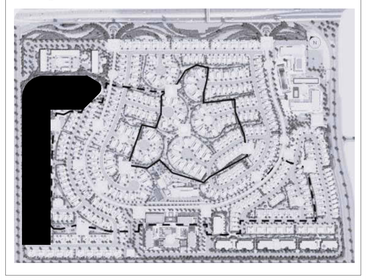
اجمالي كميات حصر الخرسانه المسلحه لزوم الاعمده من القواعد المسلحه حتي بلاطه الارضي =8.4م 3



General Notes :

1. THE MIN. CHARACTERISTIC CONCRETE COMPRESSIVE STRENGTH AFTER 28 DAYS (Fcu)
   A. FOR PLAIN CONCRETE = 20 MPA
   B. FOR ALL REINFORCED CONCRETE MEMBERS =35 MPA.
2. THE CONCRETE REINFORCEMENT IS:
   A. DEFORMED BARS (B500DWR) Fy=500 MPA
   B. UNDEFORMED BARS USED AS STIRRUPS OF DIAMETER Ø8 MM ONLY (B240D-P) Fy=240MPA.
3. DO NOT SCALE DWGs. DIMENSION GIVEN SHALL GOVERN.
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
6. 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 :

Drawing Title : Quantity Survery-Cast in Place Concrete-RC Columns

Project Name : Duplex Villa Type A3

Date : 05/27/25

Drawn By : Eng / Ahmed Yasser

Checked By : Eng / Ahmed Yehia

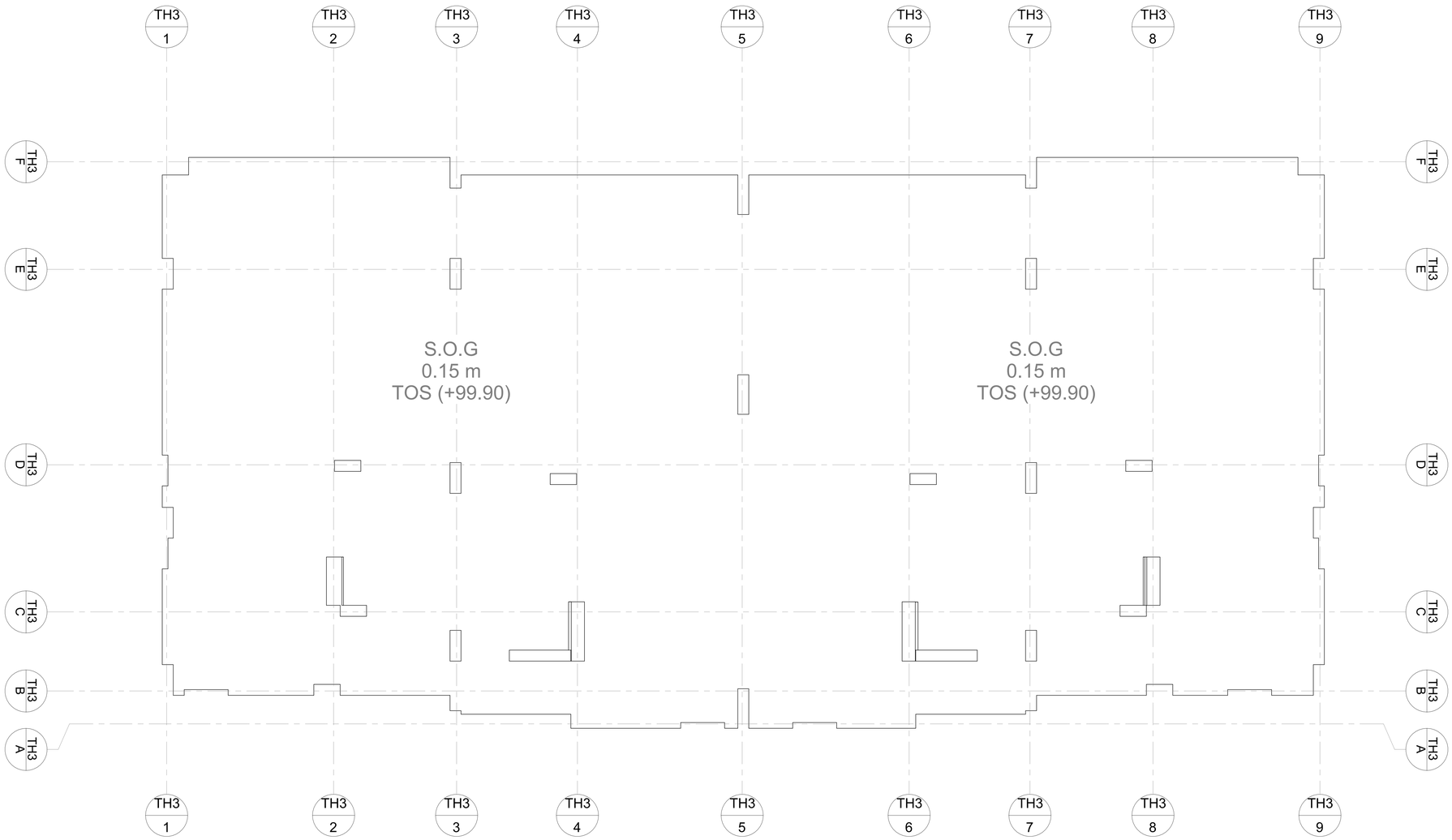
Scale : 1 : 70

01.05 Slab On Grade Quantity Survey	Section: 03.01.05 - Cast In Place Concrete Plain Concrete with minimum of Compressive Strenght of -- Days of -- MPA accoring to specifications including all necessary Formwork,Isolation & Construction Joints,Additives,etc. according to specifications and drawings	
Level : (+99.90) S SOG		
Villa Type A3		

Level	Type	Count	Volume = Thickness * Area			Notes
			Area (M)	Thickness (M)	**Volume (M3)**	
(+99.90) S SOG	SOG 150 mm	1	319.17	0.15	**47.876**	

Total Volume of Reinforced Concrete Slab On Grade = 47.9 m3

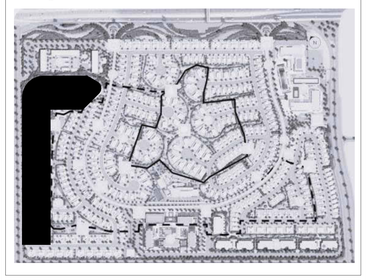
اجمالي كميات حصر الخرسانه المسلحه لزوم بلاطه الدور الارضي =47.9م 3



General Notes :

1. THE MIN. CHARACTERISTIC CONCRETE COMPRESSIVE STRENGTH AFTER 28 DAYS (Fcu)
   A. FOR PLAIN CONCRETE = 20 MPA
   B. FOR ALL REINFORCED CONCRETE MEMBERS =35 MPA.
2. THE CONCRETE REINFORCEMENT IS:
   A. DEFORMED BARS (B500DWR) Fy=500 MPA
   B. UNDEFORMED BARS USED AS STIRRUPS OF DIAMETER Ø8 MM ONLY (B240D-P) Fy=240MPA.
3. DO NOT SCALE DWGs. DIMENSION GIVEN SHALL GOVERN.
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
6. 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 :

Drawing Title : Quantity Survery-Cast in Place Concrete - Slab On Grade

Project Name :	Duplex Villa Type A3
Date :	05/27/25
Drawn By :	Eng / Ahmed Yasser
Checked By :	Eng / Ahmed Yehia
Scale :	1 : 40

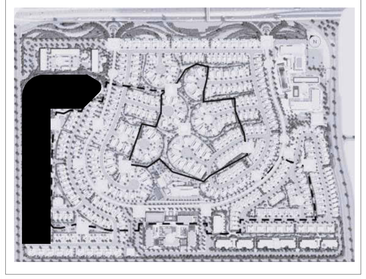
01.10 Coulmns Quantity Survey	Section: 03.01.07 - Cast In Place Concrete Reinforced Concrete with minimum of Compressive Strenght of -- Days of -- MPA accoring to specifications including all necessary Formwork,Isolation & Construction Joints,Additives,etc. according to specifications and drawings
Base Level : (+98.80) SOG	
Top Level : (+113.50) UPPER ROOF 03	
Villa Type A3	

Type	Base Level	Top Level	Count	Area = Length * Width			Volume = Area* Height * Count		Notes
				Width (M)	Lenght (M)	Area (M2)	Height (M)	Volume (M3)	
(99.90) S SOG									
C1 400*600	(99.90) S SOG	(103.20) S 1st	2	0.40	0.60	0.240	3.30	1.584	
C2 250*600	(99.90) S SOG	(103.20) S 1st	6	0.25	0.60	0.150	3.30	2.745	
C2A 250*600	(99.90) S SOG	(103.20) S 1st	4	0.25	0.60	0.150	3.30	1.830	
C3 250*700	(99.90) S SOG	(103.20) S 1st	9	0.25	0.70	0.175	3.30	4.804	
C3A 250*700	(99.90) S SOG	(103.20) S 1st	2	0.25	0.70	0.175	3.30	1.068	
C3A 250*700	(99.90) S SOG	(103.20) S 1st	2	0.25	0.70	0.175	3.30	1.068	
C4 250*700	(99.90) S SOG	(103.20) S 1st	3	0.25	0.70	0.175	3.30	1.601	
C5 250*900	(99.90) S SOG	(103.20) S 1st	3	0.25	0.90	0.225	3.30	2.059	
(103.20) S 1st									
C2 250*600	(103.20) S 1st	(106.30) S roof	4	0.25	0.60	0.150	3.10	1.728	
C2 250*600	(103.20) S 1st	(106.30) S roof	2	0.25	0.60	0.150	3.45	1.035	
C2A 250*600	(103.20) S 1st	(106.30) S roof	1	0.25	0.60	0.150	3.10	0.428	
C2A 250*600	(103.20) S 1st	(106.30) S roof	2	0.25	0.60	0.150	3.10	0.930	
C3 250*700	(103.20) S 1st	(106.30) S roof	4	0.25	0.70	0.175	3.10	2.016	
C3 250*700	(103.20) S 1st	(106.30) S roof	1	0.25	0.70	0.175	3.10	0.518	
C3 250*700	(103.20) S 1st	(106.30) S roof	1	0.25	0.70	0.175	3.45	0.561	
C3 250*700	(103.20) S 1st	(106.30) S roof	3	0.25	0.70	0.175	3.45	1.811	
C3A 250*700	(103.20) S 1st	(106.30) S roof	4	0.25	0.70	0.175	3.10	2.170	
C4 01 250*700	(103.20) S 1st	(106.30) S roof	2	0.25	0.70	0.175	3.10	1.008	
C4 01 250*700	(103.20) S 1st	(106.30) S roof	1	0.25	0.70	0.175	3.10	0.543	
C5 250*900	(103.20) S 1st	(106.30) S roof	1	0.25	0.90	0.225	3.10	0.641	
C5 250*900	(103.20) S 1st	(106.30) S roof	1	0.25	0.90	0.225	3.10	0.657	
C5 250*900	(103.20) S 1st	(106.30) S roof	1	0.25	0.90	0.225	3.10	0.682	
PC1 250*400	(103.20) S 1st	(106.30) S roof	2	0.25	0.40	0.100	3.10	0.620	
(106.30) S roof									
C2 250*600	(106.30) S roof	(106.30) S roof	2	0.25	0.60	0.150	0.35	0.105	
C2A 250*600	(106.30) S roof	(109.30) Upper Roof 01	2	0.25	0.60	0.150	3.00	0.834	
C2A 250*600	(106.30) S roof	(109.30) Upper Roof 01	2	0.25	0.60	0.150	3.00	0.900	
C3 250*700	(106.30) S roof	(106.30) S roof	4	0.25	0.70	0.175	0.35	0.245	
C3 250*700	(106.30) S roof	(109.30) Upper Roof 01	1	0.25	0.70	0.175	3.00	0.525	
C3A 250*700	(106.30) S roof	(109.30) Upper Roof 01	4	0.25	0.70	0.175	3.00	2.100	
C4 02 250*400	(106.30) S roof	(109.30) Upper Roof 01	2	0.25	0.40	0.100	3.00	0.600	
C4 02 250*400	(106.30) S roof	(109.30) Upper Roof 01	1	0.25	0.40	0.100	3.38	0.338	
C5 250*900	(106.30) S roof	(109.30) Upper Roof 01	1	0.25	0.90	0.225	3.00	0.626	
C5 250*900	(106.30) S roof	(109.30) Upper Roof 01	1	0.25	0.90	0.225	3.00	0.675	
C5 250*900	(106.30) S roof	(109.30) Upper Roof 01	1	0.25	0.90	0.225	3.38	0.761	
PC1 250*400	(106.30) S roof	(109.30) Upper Roof 01	2	0.25	0.40	0.100	3.00	0.600	
PC2 250*400	(106.30) S roof	(109.30) Upper Roof 01	2	0.25	0.40	0.100	3.00	0.556	
PC2 250*400	(106.30) S roof	(109.30) Upper Roof 01	1	0.25	0.40	0.100	3.00	0.300	
(109.30) Upper Roof 01									
C2A 250*600	(109.30) Upper Roof 01	(109.30) Upper Roof 01	2	0.25	0.60	0.150	0.38	0.114	
C2A 250*600	(109.30) Upper Roof 01	(112.30) UPPER ROOF 02	2	0.25	0.60	0.150	3.00	0.846	
C3 250*700	(109.30) Upper Roof 01	(109.30) Upper Roof 01	1	0.25	0.70	0.175	0.38	0.067	
C3A 250*700	(109.30) Upper Roof 01	(109.30) Upper Roof 01	4	0.25	0.70	0.175	0.38	0.266	
C3A 250*700	(109.30) Upper Roof 01	(112.30) UPPER ROOF 02	2	0.25	0.70	0.175	3.00	0.987	
C3A 250*700	(109.30) Upper Roof 01	(112.30) UPPER ROOF 02	2	0.25	0.70	0.175	3.00	0.987	
C4 02 250*400	(109.30) Upper Roof 01	(109.30) Upper Roof 01	2	0.25	0.40	0.100	0.38	0.076	
C4 02 250*400	(109.30) Upper Roof 01	(113.50) UPPER ROOF 03	2	0.25	0.40	0.100	4.02	0.793	
C5 250*900	(109.30) Upper Roof 01	(109.30) Upper Roof 01	1	0.25	0.90	0.225	0.38	0.086	
C* 250*400	(109.30) Upper Roof 01	(112.30) UPPER ROOF 02	1	0.25	0.40	0.100	3.00	0.282	
PC1 250*400	(109.30) Upper Roof 01	(109.30) Upper Roof 01	2	0.25	0.40	0.100	0.38	0.076	
PC2 250*400	(109.30) Upper Roof 01	(109.30) Upper Roof 01	3	0.25	0.40	0.100	0.38	0.114	
PC2 250*400	(109.30) Upper Roof 01	(112.30) UPPER ROOF 02	1	0.25	0.40	0.100	3.00	0.282	
PC2 250*400	(109.30) Upper Roof 01	(113.50) UPPER ROOF 03	1	0.25	0.40	0.100	4.02	0.396	
Grand total			113					46.640	

General Notes :

1. THE MIN. CHARACTERISTIC CONCRETE COMPRESSIVE STRENGTH AFTER 28 DAYS (Fcu)
   A. FOR PLAIN CONCRETE = 20 MPA
   B. FOR ALL REINFORCED CONCRETE MEMBERS =35 MPA.
2. THE CONCRETE REINFORCEMENT IS:
   A. DEFORMED BARS (B500DWR) Fy=500 MPA
   B. UNDEFORMED BARS USED AS STIRRUPS OF DIAMETER Ø8 MM ONLY (B240D-P) Fy=240MPA.
3. DO NOT SCALE DWGs. DIMENSION GIVEN SHALL GOVERN.
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
6. 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 :

Drawing Title :
Quantity Survery-Cast in Place Concrete - All Coulmns

Project Name :	Duplex Villa Type A3
Date :	05/27/25
Drawn By :	Eng / Ahmed Yasser
Checked By :	Eng / Ahmed Yehia
Scale :	

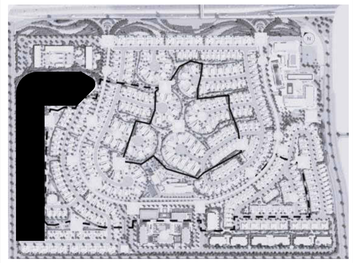
01.11 Beams Quantity Survey	Section: 03.01.08 - Cast In Place Concrete Reinforced Concrete with minimum of Compressive Strenght of -- Days of -- MPA accoring to specifications including all necessary Formwork,Isolation & Construction Joints,Additives,etc. according to specifications and...				
Villa Type A3					
Reference Level	**Type**	**Count**	**Volume = Area * Cut Length**		
			Cut Length (M)	**Area (M2)**	**Volume (M3)**
(103.20) S 1st					
(103.20) S 1st	B1 120*600	4	2.03	0.042	**0.341**
(103.20) S 1st	B2 250*500	2	2.50	0.063	**0.312**
(103.20) S 1st	B2 250*500	2	2.88	0.063	**0.360**
(103.20) S 1st	B2 250*500	1	3.19	0.063	**0.199**
(103.20) S 1st	B2 250*500	1	3.20	0.063	**0.200**
(103.20) S 1st	B2 250*500	2	4.97	0.063	**0.621**
(103.20) S 1st	B2 250*500	2	6.30	0.063	**0.788**
(103.20) S 1st	B4 250*600	2	1.13	0.088	**0.198**
(103.20) S 1st	B4 250*600	2	1.60	0.088	**0.280**
(103.20) S 1st	B4 250*600	4	1.90	0.088	**0.665**
(103.20) S 1st	B4 250*600	2	3.12	0.088	**0.546**
(103.20) S 1st	B4 250*600	1	3.95	0.088	**0.346**
(103.20) S 1st	B4 250*900 With Stairs	2	3.12	0.245	**1.529**
(103.20) S 1st	B5 250*600	1	3.65	0.088	**0.319**
(103.20) S 1st	B5 250*600	1	6.25	0.088	**0.547**
(103.20) S 1st	B9 250*500	2	5.95	0.063	**0.744**
(103.20) S 1st	B9 250*500	2	6.30	0.063	**0.788**
(103.20) S 1st	CB3 250*600	2	0.20	0.150	**0.060**
(103.20) S 1st	CB3 250*600	1	0.50	0.150	**0.075**
(103.20) S 1st	CB3 250*600	1	3.95	0.088	**0.346**
(106.30) S roof					
(106.30) S roof	B1 120*600	1	2.03	0.042	**0.085**
(106.30) S roof	B1 120*600	2	2.03	0.046	**0.185**
(106.30) S roof	B1 120*600	1	2.03	0.048	**0.098**
(106.30) S roof	B4 250*600	2	1.60	0.095	**0.304**
(106.30) S roof	B4 250*600	2	1.90	0.150	**0.570**
(106.30) S roof	B4 250*600	2	3.95	0.095	**0.751**
(106.30) S roof	B4 250*600	2	3.12	0.150	**0.936**
(106.30) S roof	B4 250*900 With Stairs	2	3.12	0.244	**1.523**
(106.30) S roof	B6 250*700	1	3.65	0.113	**0.411**
(106.30) S roof	B6 250*700	1	6.25	0.130	**0.813**
(106.30) S roof	B10 250*650	1	1.13	0.163	**0.184**
(106.30) S roof	B10 250*650	1	1.28	0.154	**0.197**
(106.30) S roof	B10 250*650	2	1.78	0.163	**0.579**
(106.30) S roof	B10 250*650	2	2.15	0.145	**0.624**
(106.30) S roof	B10 250*650	2	2.50	0.163	**0.813**
(106.30) S roof	B10 250*650	2	2.88	0.163	**0.936**
(106.30) S roof	B10 250*650	2	3.20	0.163	**1.040**
(106.30) S roof	B10 250*650	2	4.97	0.163	**1.615**
(106.30) S roof	B10 250*650	4	6.30	0.163	**4.095**
(106.30) S roof	B11 250*650	1	2.94	0.163	**0.477**
(106.30) S roof	B11 250*650	1	2.95	0.163	**0.479**
(106.30) S roof	B11 250*650	2	3.10	0.163	**1.008**
(106.30) S roof	CB1 250*650	1	0.20	0.163	**0.033**
(106.30) S roof	CB1 250*650	1	0.35	0.130	**0.046**

01.11 Beams Quantity Survey	Section: 03.01.08 - Cast In Place Concrete Reinforced Concrete with minimum of Compressive Strenght of -- Days of -- MPA accoring to specifications including all necessary Formwork,Isolation & Construction Joints,Additives,etc. according to specifications and...				
Villa Type A3					
Reference Level	**Type**	**Count**	**Volume = Area * Cut Length**		
			Cut Length (M)	**Area (M2)**	**Volume (M3)**
(106.30) S roof	CB1 250*650	1	0.50	0.163	**0.081**
(106.30) S roof	CB1 250*650	2	0.60	0.163	**0.195**
(106.30) S roof	CB1 250*650	2	2.30	0.163	**0.748**
(109.30) Upper Roof 01					
(109.30) Upper Roof 01	B1 120*600	2	2.03	0.046	**0.185**
(109.30) Upper Roof 01	B3 250*600	1	1.28	0.150	**0.192**
(109.30) Upper Roof 01	B3 250*600	1	2.05	0.095	**0.194**
(109.30) Upper Roof 01	B3 250*600	1	1.43	0.150	**0.215**
(109.30) Upper Roof 01	B3 250*600	1	1.68	0.150	**0.252**
(109.30) Upper Roof 01	B3 250*600	2	1.70	0.150	**0.510**
(109.30) Upper Roof 01	B3 250*600	1	1.89	0.150	**0.283**
(109.30) Upper Roof 01	B3 250*600	1	1.90	0.150	**0.285**
(109.30) Upper Roof 01	B3 250*600	1	2.95	0.150	**0.443**
(109.30) Upper Roof 01	B3 250*600	1	3.10	0.150	**0.465**
(109.30) Upper Roof 01	B3 250*600	2	3.12	0.150	**0.936**
(109.30) Upper Roof 01	B3 250*600	1	3.15	0.150	**0.473**
(109.30) Upper Roof 01	B3 250*600	1	5.10	0.095	**0.484**
(109.30) Upper Roof 01	B3 250*600	1	3.80	0.150	**0.570**
(109.30) Upper Roof 01	B3 250*600	1	6.30	0.095	**0.599**
(109.30) Upper Roof 01	B3 250*600	2	4.05	0.150	**1.215**
(109.30) Upper Roof 01	B3 250*600	1	6.30	0.144	**0.908**
(109.30) Upper Roof 01	B3 250*600	2	6.30	0.150	**1.890**
(109.30) Upper Roof 01	B7 250*600	1	3.80	0.150	**0.570**
(109.30) Upper Roof 01	B8 250*600	1	0.75	0.150	**0.113**
(109.30) Upper Roof 01	B8 250*600	1	1.21	0.150	**0.180**
(109.30) Upper Roof 01	CB2 250*600	1	0.15	0.150	**0.023**
(109.30) Upper Roof 01	CB2 250*600	1	1.80	0.150	**0.270**
(112.30) UPPER ROOF 02					
(112.30) UPPER ROOF 02	B1 120*600	2	2.03	0.050	**0.205**
(112.30) UPPER ROOF 02	B2 250*500	2	3.67	0.080	**0.587**
(112.30) UPPER ROOF 02	B3 250*600	2	3.12	0.105	**0.655**
(112.30) UPPER ROOF 02	B3 250*600	1	3.35	0.105	**0.352**
(112.30) UPPER ROOF 02	B3 250*600	2	6.30	0.105	**1.323**
(113.50) UPPER ROOF 03					
(113.50) UPPER ROOF 03	B2 250*500	1	4.51	0.079	**0.355**
(113.50) UPPER ROOF 03	B3 250*600	2	4.29	0.102	**0.878**
(113.50) UPPER ROOF 03	B3 250*600 With Angular Void	2	6.30	0.096	**1.204**
Grand total					44.897

General Notes :

1. THE MIN. CHARACTERISTIC CONCRETE COMPRESSIVE STRENGTH AFTER 28 DAYS (Fcu)
   A. FOR PLAIN CONCRETE = 20 MPA
   B. FOR ALL REINFORCED CONCRETE MEMBERS =35 MPA.
2. THE CONCRETE REINFORCEMENT IS:
   A. DEFORMED BARS (B500DWR) Fy=500 MPA
   B. UNDEFORMED BARS USED AS STIRRUPS OF DIAMETER Ø8 MM ONLY (B240D-P) Fy=240MPA.
3. DO NOT SCALE DWGs. DIMENSION GIVEN SHALL GOVERN.
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
6. 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 :

Drawing Title :
Quantity Survery-Cast in Place Concrete - All Beams

Project Name :	Duplex Villa Type A3
Date :	05/27/25
Drawn By :	Eng / Ahmed Yasser
Checked By :	Eng / Ahmed Yehia
Scale :	

01.05 Slab On Grade Quantity Survey	Section: 03.01.05 - Cast In Place Concrete Plain Concrete with minimum of Compressive Strenght of -- Days of -- MPA accoring to specifications including all necessary Formwork,Isolation & Construction Joints,Additives,etc. according to specifications and drawings	
Villa Type A3		

Level	Type	Count	Volume = Thickness * Area			Notes
			Area (M2)	Thickness (M)	Volume (M3)	
(103.20) S 1st						
(103.20) S 1st	SL 180 mm	1	4.658	180	**0.838**	
(103.20) S 1st	SL 180 mm	1	4.639	180	**0.835**	
(103.20) S 1st	SL 180 mm	1	5.459	180	**0.983**	
(103.20) S 1st	SL 180 mm	1	5.077	180	**0.914**	
(103.20) S 1st	SL 180 mm	1	4.658	180	**0.838**	
(103.20) S 1st	SL 180 mm	1	4.639	180	**0.835**	
(103.20) S 1st	SL 180 mm	1	5.459	180	**0.983**	
(103.20) S 1st	SL 180 mm	1	5.077	180	**0.914**	
(103.20) S 1st	SL 250mm	1	258.092	250	**64.424**	
(103.20) S 1st	SL 300 mm	1	3.425	300	**1.028**	
(103.20) S 1st	SL 300 mm	1	5.140	300	**1.542**	
(103.20) S 1st	SL 300 mm	1	3.425	300	**1.028**	
(106.30) S roof						
(106.30) S roof	SL 180 mm	1	6.510	180	**1.172**	
(106.30) S roof	SL 180 mm	1	19.525	180	**3.515**	
(106.30) S roof	SL 180 mm	1	6.510	180	**1.172**	
(106.30) S roof	SL 180 mm	1	21.313	180	**3.836**	
(106.30) S roof	SL 220mm	1	66.122	220	**14.547**	
(106.30) S roof	SL 220mm	1	66.085	220	**14.539**	
(106.30) S roof	SL 250mm	1	32.133	250	**8.007**	
(106.30) S roof	SL 250mm	1	33.282	250	**8.294**	
(106.30) S roof	SL 300 mm	1	5.140	300	**1.542**	
(109.30) Upper Roof 01						
(109.30) Upper Roof 01	SL 220mm	1	99.551	220	**21.901**	
(112.30) UPPER ROOF 02						
(112.30) UPPER ROOF 02	SL 180 mm	1	53.913	180	**9.704**	
(113.50) UPPER ROOF 03						
(113.50) UPPER ROOF 03	SL 180 mm	1	64.696	180	**11.626**	
Grand total		24			175.015	

General Notes :

1. THE MIN. CHARACTERISTIC CONCRETE COMPRESSIVE STRENGTH AFTER 28 DAYS (Fcu)
   A. FOR PLAIN CONCRETE = 20 MPA
   B. FOR ALL REINFORCED CONCRETE MEMBERS =35 MPA.
2. THE CONCRETE REINFORCEMENT IS:
   A. DEFORMED BARS (B500DWR) Fy=500 MPA
   B. UNDEFORMED BARS USED AS STIRRUPS OF DIAMETER Ø8 MM ONLY (B240D-P) Fy=240MPA.
3. DO NOT SCALE DWGs. DIMENSION GIVEN SHALL GOVERN.
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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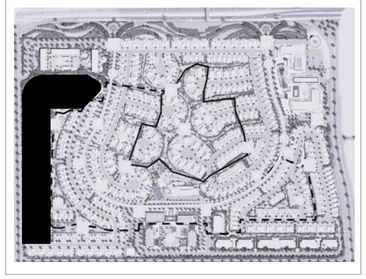

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Owner : SOUL LUXURY BEACH RESORT

Consultant :

Contractor :

Drawing Title : Quantity Survery-Cast in Place Concrete - All Slabs

Project Name : Duplex Villa Type A3

Date : 05/27/25

Drawn By : Eng / Ahmed Yasser

Checked By : Eng / Ahmed Yehia

Scale :