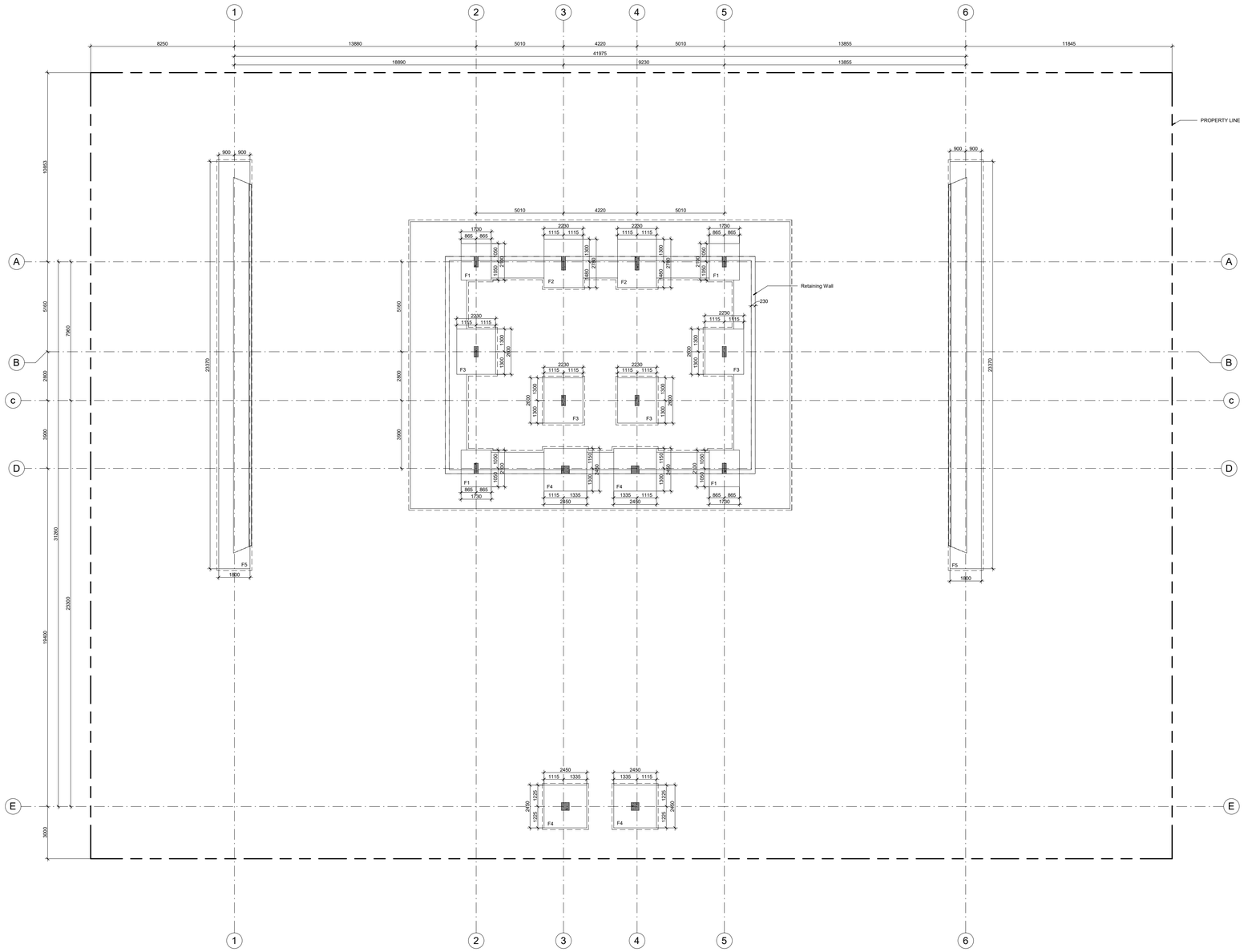
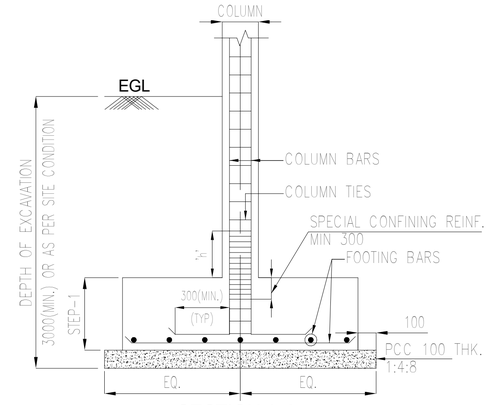
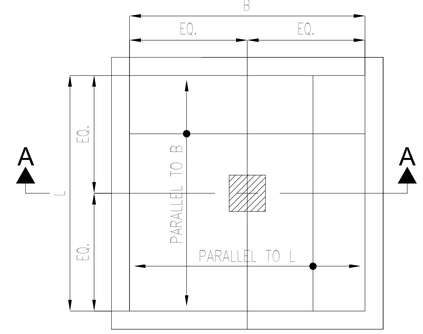


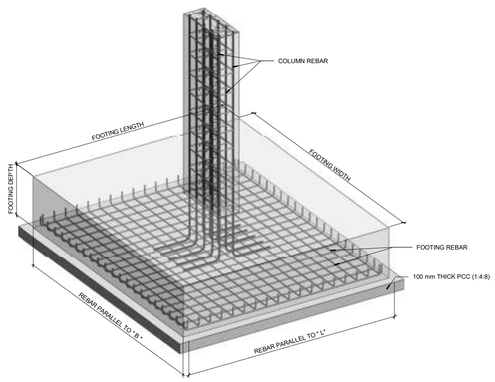
1 Foundation Layout
SCALE: 1 : 100



SECTION A-A



TYPICAL PLAN OF FOOTING



3 TYPICAL FOOTING DETAILS
SCALE:

Structural Footing Schedule

Type	Length	Width	Thickness	Grade of Concrete	Count	Area	Volume
F1- 1730 X2100 X 600 mm	1730	2100	600	M 30	4	4 m²	8.72 m³
F2- 2230 X 2780 X 650 mm	2230	2780	650	M 30	2	6 m²	8.06 m³
F3- 2230 X 2600 X 525 mm	2230	2600	525	M 30	4	6 m²	12.18 m³
F4- 2450 X 2450 X 525 mm	2450	2450	525	M 30	4	6 m²	12.61 m³
F5-1800 X 23370 x 1000 mm	1800	23370	1000	M 30	2	42 m²	84.13 m³
							125.69 m³

Structural Footing Rebar Details

Footing Nos	Rebar Spacing	
	Prallel to 'L'	Prallel to 'B'
F1	12#@150mm C/C(B)	12#@150mm C/C(B)
F2	12#@125mm C/C(B)	12#@125mm C/C(B)
F3	10#@125mm C/C(B)	10#@125mm C/C(B)
F4	12#@150mm C/C(B)	12#@150mm C/C(B)
F5	12#@100mm C/C(T)	12#@100mm C/C(T)
	12#@100mm C/C(B)	12#@100mm C/C(B)

Footing Rebar Schedule

Bar Diameter	Rebar Location	Spacing	Shape Image	A	B	C	Count	Rebar weight(KGS)
12 mm	F5-Footing(B)	100 mm		400 mm	1720 mm	400 mm	1	510.34 kg
12 mm	F5-Footing(B)	100 mm		400 mm	1750 mm	400 mm	1	516.57 kg
12 mm	F5-Footing(B)	100 mm		400 mm	23290 mm	400 mm	1	383.96 kg
12 mm	F5-Footing(B)	100 mm		400 mm	23320 mm	400 mm	1	384.44 kg
12 mm	F5-Footing(T)	100 mm		400 mm	1720 mm	400 mm	1	510.34 kg
12 mm	F5-Footing(T)	100 mm		400 mm	1750 mm	400 mm	1	516.57 kg
12 mm	F5-Footing(T)	100 mm		400 mm	23290 mm	400 mm	1	383.96 kg
12 mm	F5-Footing(T)	100 mm		400 mm	23320 mm	400 mm	1	384.44 kg
10 mm	F3-Footing(B)	125 mm		100 mm	2150 mm	100 mm	4	107.56 kg
10 mm	F3-Footing(B)	125 mm		100 mm	2520 mm	100 mm	4	107.01 kg
12 mm	F2-Footing(B)	125 mm		112 mm	2150 mm	112 mm	2	94.36 kg
12 mm	F2-Footing(B)	125 mm		112 mm	2700 mm	112 mm	2	91.43 kg
12 mm	F1-Footing(B)	150 mm		112 mm	1650 mm	112 mm	4	96.44 kg
12 mm	F1-Footing(B)	150 mm		112 mm	2020 mm	112 mm	4	92.92 kg
12 mm	F4-Footing(B)	150 mm		112 mm	2370 mm	112 mm	8	305.54 kg
								4485.87 kg

GENERAL NOTES:-

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03. Ø DENOTES MS. ROUNDS AND # TWISTED TOR STEEL BARS, ALL STEEL SHALL CONFORM TO ACCEPTED ISI STANDARDS OF SPECIFIED YIELD STRENGTHS.
a. IN ADDITION TO THE ABOVE CLAUSE TESTING SHALL BE DONE AT SITE FOR STEEL BARS SELECTED AT RANDOM FROM THE UNLOADED CONSIGNMENT AS PER THE INSTRUCTIONS, BEFORE USING IT ON THE JOB, THIS SHALL APPLY FOR THE STRUCTURAL STEEL FABRICATION ALSO.
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05. READ THIS DRAWING ALONG WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWINGS.
06. LAPS SHALL BE STAGGERED AND MINIMUM 60 DIA. IN TENSION & 50 DIA. IN COMPRESSION UNLESS OTHERWISE MENTIONED.
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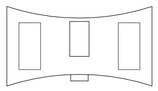
b. SPLICES, EXPANSION AND CONSTRUCTION JOINTS SHALL BE DONE AS PER THE INSTRUCTIONS.
07. THE FOUNDATION ARE DESIGNED FOR GROUND +02 UPPER FLOOR ONLY.
08. THE CENTERING FOR THE CANTILEVER BEAMS/SLABS SHALL BE LIFTED AT THE FREE EDGE BY THE AMOUNT SPECIFIED IN THE DRAWING/DOWN MIN. WHICHEVER IS MORE.
09. CLEAR COVER TO MAIN STEEL BARS SHALL BE AS FOLLOWS
a. COLUMNS : 40 MM.
b. FOOTINGS : 50 MM.
c. BEAMS : 25 MM.
d. SLAB : 20 MM.
10. TEST CERTIFICATES FOR EACH CONSIGNMENT SHALL BE PRODUCED BEFORE USING THE STEEL ON THE JOB.
11. GRADE OF STEEL REINFORCEMENT Fe-500.
12. GRADE OF CONCRETE : M30.
13. ANY DISCREPENCIES TO BE BROUGHT TO THE NOTICE OF STRUCTURAL ENGINEER BEFORE EXECUTION.

3D VIEW



KEY PLAN
SCALE: NTS

MASTER KEY PLAN

HOLD	DATE	REASON FOR HOLD	SIGNED BY

REV NO	DATE	DESCRIPTION FOR REVISION	DRAWN BY	CHKD BY

PURPOSE

OWNER
CLIENTNAME

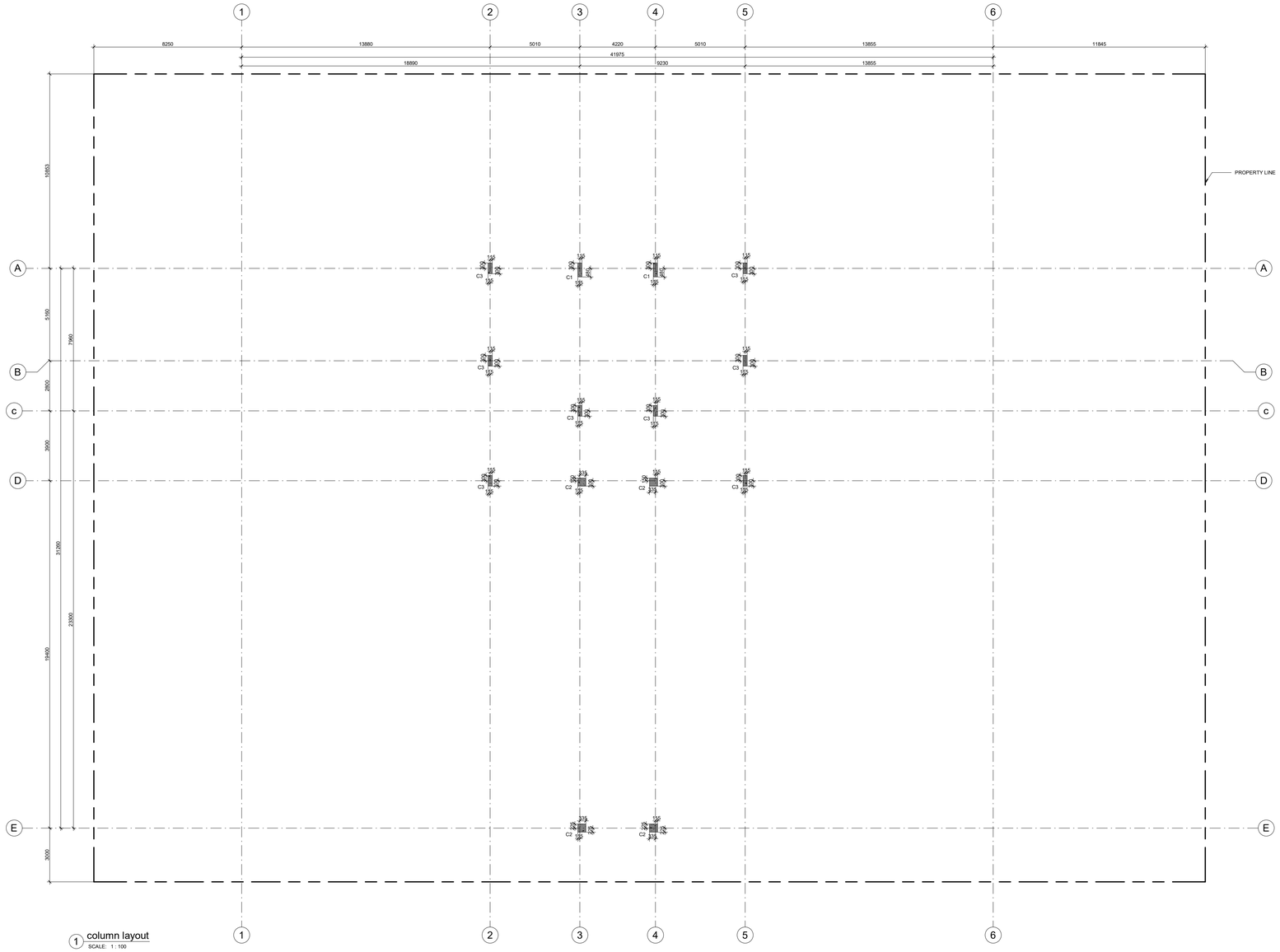
PROJECT
SALES PAVILION, JAIPUR

TITLE
Foundation Layout

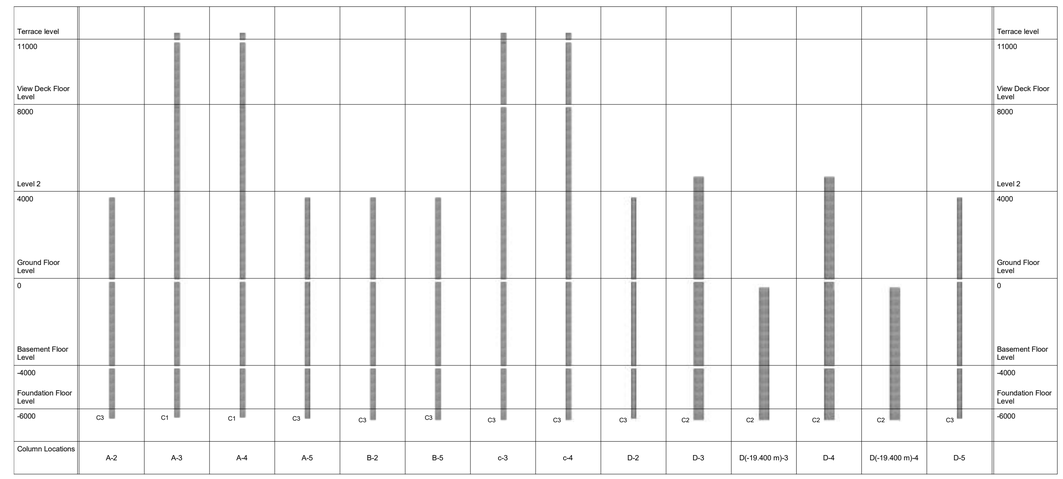
NORTH

JOB NO	DEALT	DRAWING NO	REVISION
0001	Designer	S-100	
SCALE	DATE RELEASE R2	DATE CURRENT REV	
As indicated			

V+S Design Partners LLP
#19, GF, Kumara Krupa Road,
Bangalore - 560001, India
+91 80 46282800
www.vs-dp.com
info@vs-dp.com



1 column layout
SCALE: 1 : 100



Graphical Column Schedule
SCALE: 1 : 100

Structural Column Schedule

Type	Column Location Mark	Count	Grade of Concrete	Volume
C1- 230 x 780 mm	A-3	1	M 30	3.06 m³
C1- 230 x 780 mm	A-4	1	M 30	3.06 m³
C2- 450 x 450 mm	D-4	1	M 30	2.20 m³
C2- 450 x 450 mm	D-3	1	M 30	2.20 m³
C2- 450 x 450 mm	D(-19400)-3	1	M 30	1.23 m³
C2- 450 x 450 mm	D(-19400)-4	1	M 30	1.23 m³
C3- 230 x 600 mm	c-3	1	M 30	2.36 m³
C3- 230 x 600 mm	c-4	1	M 30	2.36 m³
C3- 230 x 600 mm	A-2	1	M 30	1.36 m³
C3- 230 x 600 mm	A-5	1	M 30	1.36 m³
C3- 230 x 600 mm	B-2	1	M 30	1.37 m³
C3- 230 x 600 mm	B-5	1	M 30	1.37 m³
C3- 230 x 600 mm	D-2	1	M 30	1.36 m³
C3- 230 x 600 mm	D-5	1	M 30	1.36 m³
				25.88 m³

20 mm Column Rebar Schedule

Bar Diameter	Rebar Location	Shape Image	Quantity By Rebar Set	Rebar Weight(KGS)
20 mm	column		2	374.64 kg
				374.64 kg

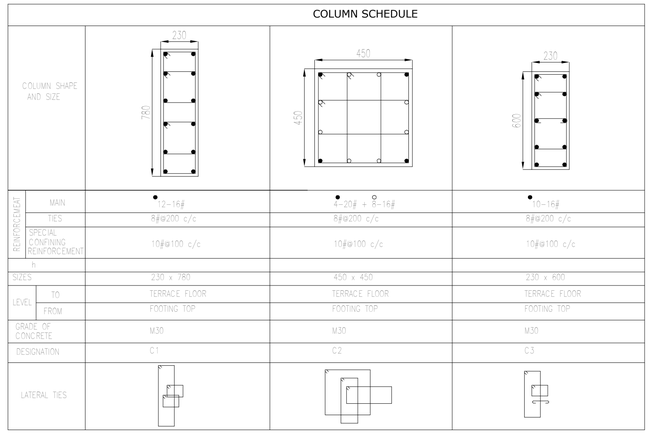
16 mm Column Rebar Schedule

Bar Diameter	Rebar Location	Shape Image	Quantity By Rebar Set	Rebar Weight(KGS)
16 mm	column		2	1122.07 kg
16 mm	column		3	971.18 kg
16 mm	column		6	697.61 kg
				2790.87 kg

8 mm Column Stirrups Rebar Schedule

Bar Diameter	Rebar Location	Shape Image	Quantity By Rebar Set	Spacing	Rebar Weight(KGS)
8 mm	column		12	200 mm	130.05 kg
8 mm	column		15	200 mm	40.81 kg
8 mm	column		16	200 mm	32.47 kg
8 mm	column		19	200 mm	347.86 kg
8 mm	column		20	200 mm	162.34 kg
8 mm	column		34	200 mm	110.62 kg
8 mm	column		59	200 mm	191.95 kg
8 mm	column		13	200 mm	11.74 kg
8 mm	column		16	200 mm	3.61 kg
8 mm	column		19	200 mm	23.60 kg
8 mm	column		20	200 mm	15.81 kg
					1070.87 kg

COLUMN SCHEDULE



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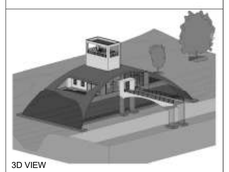
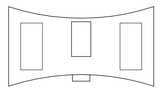


3D VIEW



KEY PLAN
SCALE: NTS

MASTER KEY PLAN

REV NO	DATE	REASON FOR HOLD	SIGNED BY
HOLD			

REV NO	DATE	DESCRIPTION FOR REVISION	DRAWN BY	CHKD BY

PURPOSE

OWNER
CLIENTNAME

PROJECT
SALES PAVILION, JAIPUR

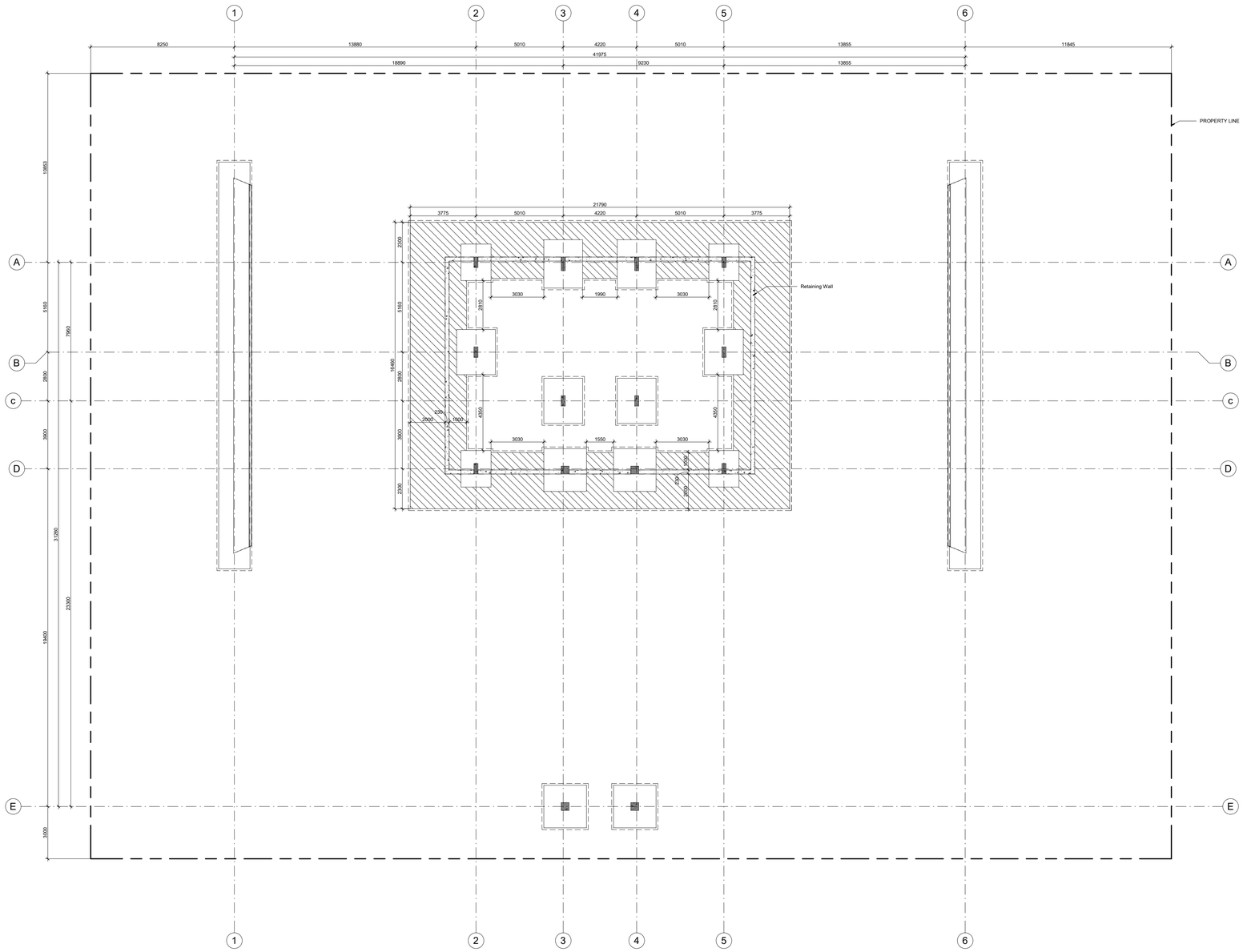
TITLE
Column Layout

NORTH

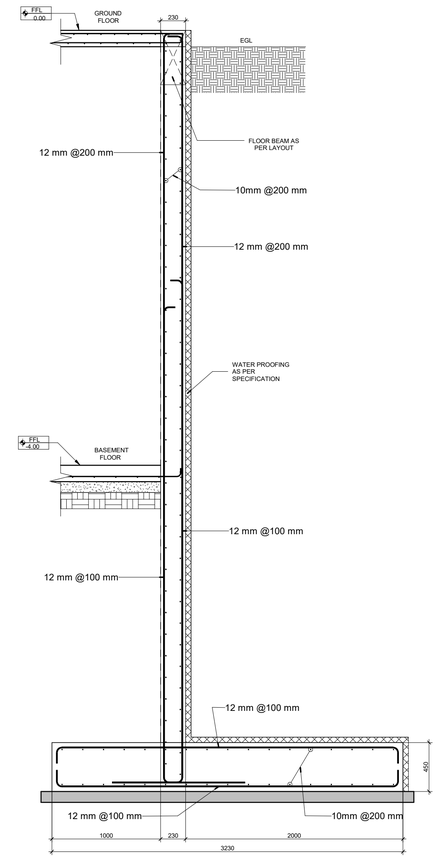
JOB NO	DEALT	DRAWING NO	REVISION
001	Designer	S-101	

SCALE	DATE RELEASE RE	DATE CURRENT REV
As indicated		

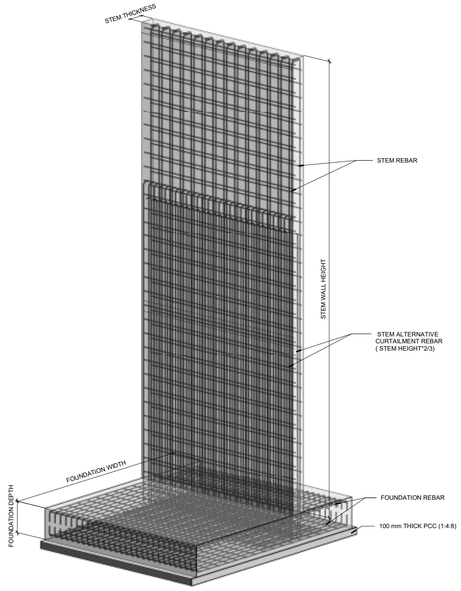
V+S Design Partners LLP
#19, GF, Kumara Krupa Road,
Bangalore - 560001, India
+91 80 46282800
www.vs-dp.com
info@vs-dp.com



1 Retaning wall layout
SCALE: 1 : 100



2 Retaining Wall Sectional Details
SCALE: 1 : 20



3 TYPICAL RETAINING WALL DETAILS
SCALE:

Retaining wall concrete schedule

Type	Width	Length	Grade of Concrete	Volume
Retaining wall - 230 mm	230	17560	M 30	24.01 m³
Retaining wall - 230 mm	230	12230	M 30	17.98 m³
Retaining wall - 230 mm	230	17560	M 30	24.21 m³
Retaining wall - 230 mm	230	12230	M 30	18.08 m³
				84.28 m³

Retaining wall Foundation Schedule

Type	Width	Heel Length	Toe Length	Thickness	Length	Area	Grade of Concrete	Volume
retaining wall footing-3230x450 mm	3230	1000	2000	450	12000	50 m²	M 30	22.65 m³
retaining wall footing-3230x450 mm	3230	1000	2000	450	17790	43 m²	M 30	19.26 m³
retaining wall footing-3230x450 mm	3230	1000	2000	450	12230	41 m²	M 30	18.24 m³
retaining wall footing-3230x450 mm	3230	1000	2000	450	17560	34 m²	M 30	15.29 m³
								75.45 m³

Retaining wall foundation rebar schedule

Bar Diameter	Rebar Location	Shape Image	A	B	C	Spacing	Count	Rebar weight(KGS)
12 mm	Retaining wall footing		150 mm	3150 mm	150 mm	100 mm	1	463.02 kg
12 mm	Retaining wall footing		150 mm	3150 mm	150 mm	100 mm	1	463.02 kg
12 mm	Retaining wall footing		156 mm	3150 mm	156 mm	100 mm	1	464.66 kg
12 mm	Retaining wall footing		156 mm	3150 mm	156 mm	100 mm	1	464.66 kg
12 mm	Retaining wall footing		150 mm	3150 mm	150 mm	100 mm	1	496.09 kg
12 mm	Retaining wall footing		150 mm	3150 mm	150 mm	100 mm	1	496.09 kg
12 mm	Retaining wall footing		150 mm	3150 mm	150 mm	100 mm	1	496.09 kg
12 mm	Retaining wall footing		156 mm	3150 mm	156 mm	100 mm	1	497.85 kg
10 mm	Retaining wall footing		15347 mm	0 mm	0 mm	200 mm	1	145.17 kg
10 mm	Retaining wall footing		15357 mm	0 mm	0 mm	200 mm	1	136.72 kg
10 mm	Retaining wall footing		15369 mm	0 mm	0 mm	200 mm	1	145.38 kg
10 mm	Retaining wall footing		15370 mm	0 mm	0 mm	200 mm	1	136.84 kg
10 mm	Retaining wall footing		16410 mm	0 mm	0 mm	200 mm	1	155.23 kg
10 mm	Retaining wall footing		16410 mm	0 mm	0 mm	200 mm	1	155.23 kg
10 mm	Retaining wall footing		16401 mm	0 mm	0 mm	200 mm	1	155.14 kg
10 mm	Retaining wall footing		16410 mm	0 mm	0 mm	200 mm	1	155.23 kg
10 mm	Retaining wall footing		15370 mm	0 mm	0 mm	200 mm	1	136.84 kg
								5163.22 kg

Retaining wall Stem rebar schedule

Bar Diameter	Rebar Location	Count	Shape Image	Spacing	Bar Length	Rebar weight(KGS)
12 mm	Retaining wall	1		100 mm	5179 mm	565.51 kg
12 mm	Retaining wall	1		100 mm	5299 mm	578.70 kg
12 mm	Retaining wall	1		100 mm	5330 mm	582.10 kg
12 mm	Retaining wall	1		100 mm	5363 mm	837.94 kg
12 mm	Retaining wall	1		100 mm	5419 mm	846.73 kg
12 mm	Retaining wall	1		100 mm	5426 mm	847.80 kg
12 mm	Retaining wall	1		100 mm	5429 mm	848.37 kg
12 mm	Retaining wall	1		100 mm	5432 mm	593.16 kg
12 mm	Retaining wall	1		200 mm	7600 mm	418.34 kg
12 mm	Retaining wall	2		200 mm	7665 mm	1211.37 kg
12 mm	Retaining wall	1		200 mm	7676 mm	422.51 kg
12 mm	Retaining wall	1		200 mm	7756 mm	426.90 kg
12 mm	Retaining wall	1		200 mm	7826 mm	430.77 kg
12 mm	Retaining wall	2		200 mm	7917 mm	1251.05 kg
10 mm	Retaining wall	4		200 mm	12410 mm	939.11 kg
10 mm	Retaining wall	4		200 mm	17740 mm	1243.74 kg
						12044.11 kg

GENERAL NOTES:-

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b. FOOTINGS - 50 MM
c. BEAMS - 25 MM
d. SLAB - 20 MM
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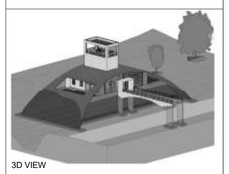
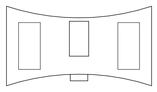
11. GRADE OF STEEL REINFORCEMENT Fe-500
12. GRADE OF CONCRETE. M30
13. ANY DISCREPENCIES TO BE BRROUGHT TO THE NOTICE OF STRUCTURAL ENGINEER BEFORE EXECUTION.



3D VIEW



KEY PLAN
SCALE: NTS

MASTER KEY PLAN

HOLD	DATE	REASON FOR HOLD	SIGNED BY

REV NO	DATE	DESCRIPTION FOR REVISION	DRAWN BY	CHKD BY

PURPOSE

OWNER
CLIENTNAME

PROJECT
SALES PAVILION, JAIPUR

TITLE
Retaining Wall Layout

NORTH

JOB NO	DEALT	DRAWING NO	REVISION
0001	Designer	S-102	
SCALE: As indicated	DATE RELEASE R2	DATE CURRENT REV	

V+S Design Partners LLP
#19, GF, Kumara Krupa Road,
Bangalore - 560001, India
+91 80 46282800
www.vs-dp.com
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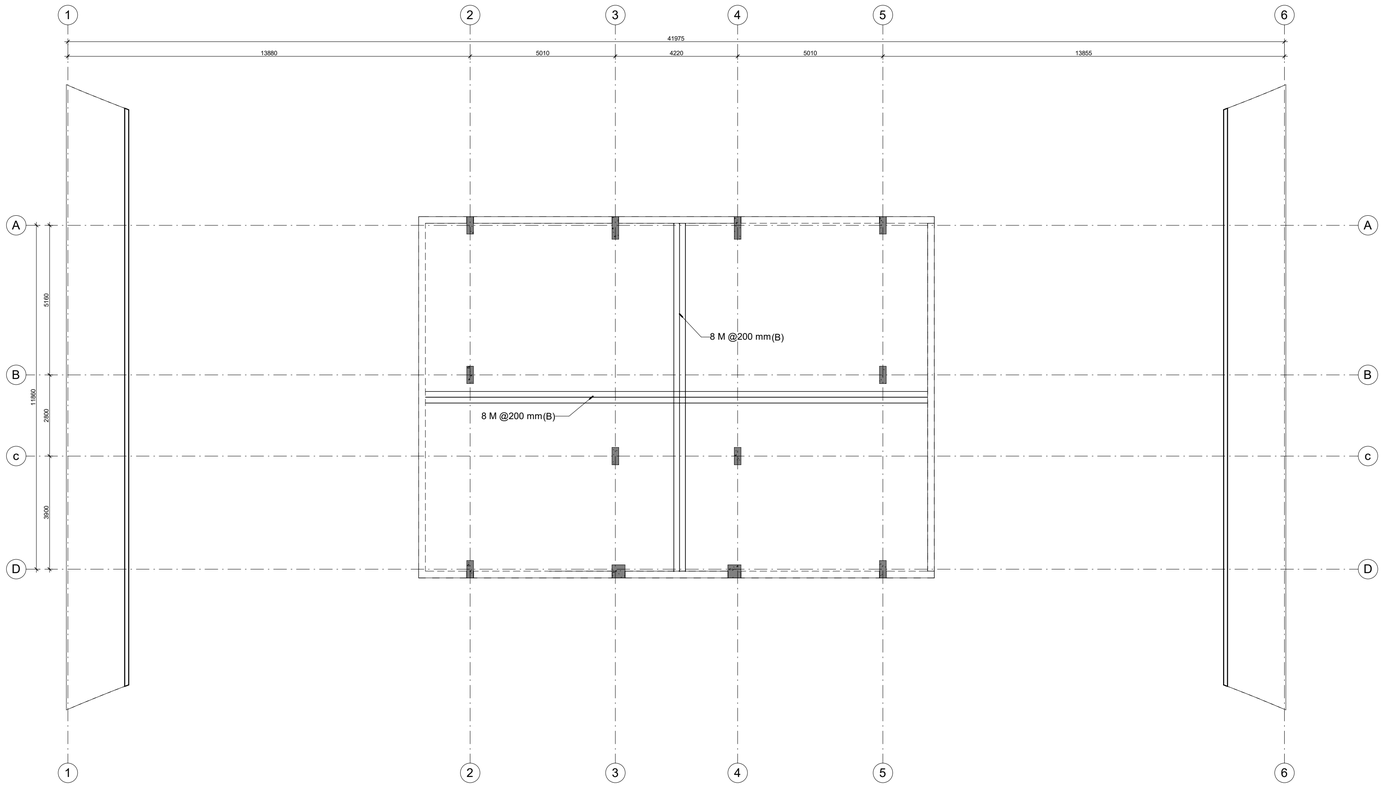
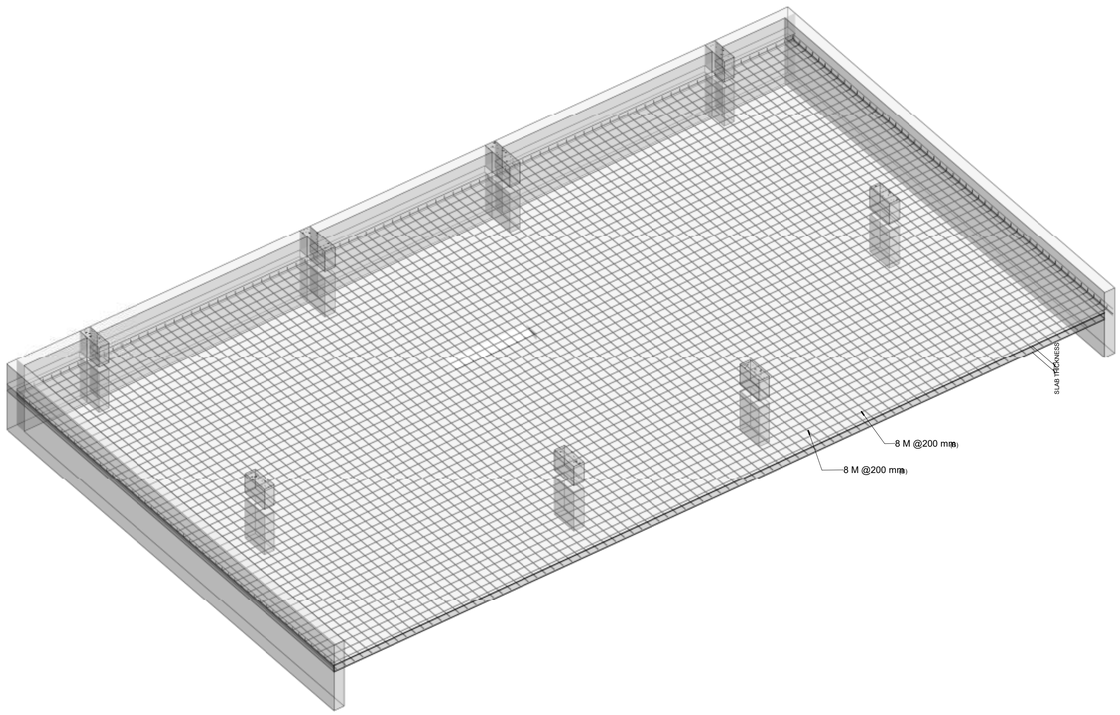


1 Basement slab layout
SCALE: 1 : 75



2 BASEMENT FLOOR REBAR DETAILS
SCALE:

Basement Slab Schedule

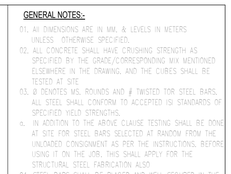
Type	Level	Slab thickness	Area	Grade of Concrete	Volume
Basement slab-150mm	Basement Floor Level	150	219 m²	M 25	32.78 m³
					32.78 m³

Basement slab rebar schedule

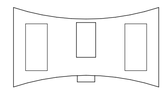
Major, Both Faces	Minor, Both Faces	Rebar Location	rebar shape	Reinforcement Volume	Rebar weight(KGS)
8 M @ 200 mm (B)	8 M @ 200 mm B	Basement slab		0.10947 m³	859.32 kg
					859.32 kg

GENERAL NOTES:-

01. All dimensions are in MM. & levels in meters unless otherwise specified.
02. All concrete shall have crushing strength as specified by the grade/corresponding mix mentioned elsewhere in the drawing, and the cubes shall be tested at site.
03. @ denotes MS. rounds and # twisted tor steel bars. All steel shall conform to accepted isi standards or specified yield strengths.
a. In addition to the above clause testing shall be done at site for steel bars selected at random from the unloaded consignment as per the instructions, before using it on the job. This shall apply for the structural steel fabrication also.
04. Steel bars shall be placed and well secured in the position as shown in the drawing arrangement shall be made by the contractor so that the placement of the steel bars is not disturbed during concreting by providing bridges.
05. Read this drawing along with relevant architectural and service drawings.
06. Laps shall be staggered and minimum 60 dia. in tension & 50 dia. in compression unless otherwise mentioned.
a. Anchorage shall be according to isi. standards or as mentioned in drawing.
b. Splices, expansion and construction joints shall be done as per the instructions.
07. The foundation are designed for ground +02 upper floor only.
08. The centering for the cantilever beams/slabs shall be lifted at the free edge by the amount specified in the drawing/20mm min. whichever is more.
09. Clear cover to main steel bars shall be as follows
a. Columns : 40 mm
b. Footings : 50 mm
c. Beams : 25 mm
d. Slab : 20 mm
10. Test certificates for each consignment shall be produced before using the steel on the job
11. Grade of steel reinforcement Fe-500
12. Grade of concrete : M30
13. Any discrepencies to be brought to the notice of structural engineer before execution.



3D VIEW



KEY PLAN
SCALE: NTS

MASTER KEY PLAN

HOLD	DATE	REASON FOR HOLD	SIGNED BY

REV NO	DATE	DESCRIPTION FOR REVISION	DRAWN BY	CHKD BY

PURPOSE

OWNER
CLIENTNAME

PROJECT
SALES PAVILION, JAIPUR

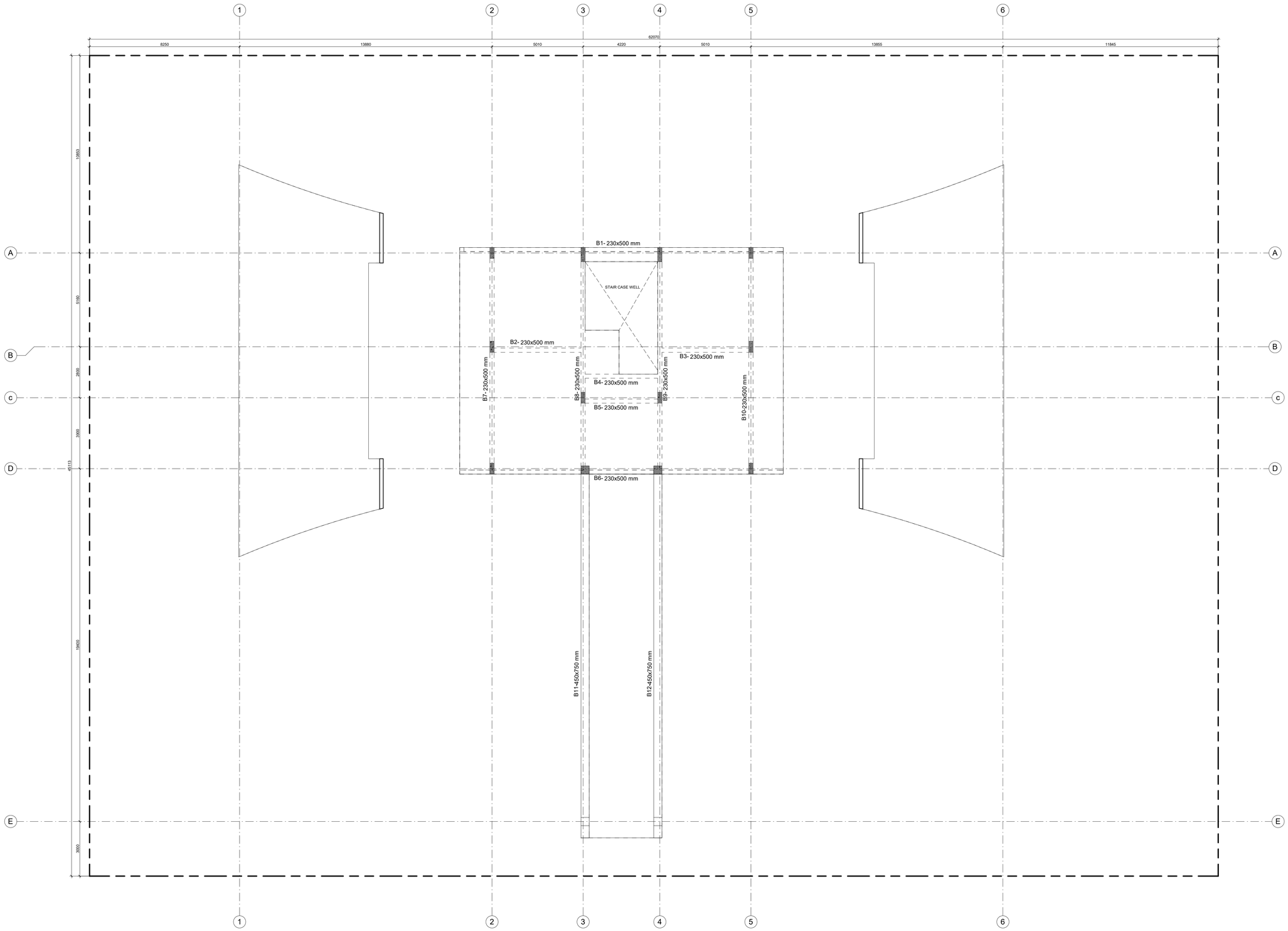
TITLE
Basement Slab Rebar Layout

NORTH

JOB NO	DEALT	DRAWING NO	REVISION
0001	Designer	S-103	

SCALE	DATE RELEASE R0	DATE CURRENT REV
As indicated		

V+S Design Partners LLP
#19, GF, Kumara Krupa Road,
Bangalore - 560001, India
+91 80 46282800
www.vs-dp.com
info@vs-dp.com

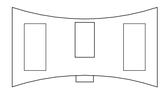


1 Ground Floor Framing Layout
SCALE: 1 : 75

GENERAL NOTES:-

01. All DIMENSIONS ARE IN MM. & LEVELS IN METERS UNLESS OTHERWISE SPECIFIED.
02. ALL CONCRETE SHALL HAVE CRUSHING STRENGTH AS SPECIFIED BY THE GRADE/CORRESPONDING MIX MENTIONED ELSEWHERE IN THE DRAWING, AND THE CUBES SHALL BE TESTED AT SITE.
03. @ DENOTES MS. ROUNDS AND # TWISTED TOR STEEL BARS. ALL STEEL SHALL CONFORM TO ACCEPTED IS STANDARDS OF SPECIFIED YIELD STRENGTHS.
a. IN ADDITION TO THE ABOVE CLAUSE TESTING SHALL BE DONE AT SITE FOR STEEL BARS SELECTED AT RANDOM FROM THE UNLOADED CONSIGNMENT AS PER THE INSTRUCTIONS, BEFORE USING IT ON THE JOB. THIS SHALL APPLY FOR THE STRUCTURAL STEEL FABRICATION ALSO.
04. STEEL BARS SHALL BE PLACED AND WELL SECURED IN THE POSITION AS SHOWN IN THE DRAWING ARRANGEMENT SHALL BE MADE BY THE CONTRACTOR SO THAT THE PLACEMENT OF THE STEEL BARS IS NOT DISTURBED DURING CONCRETING BY PROVIDING BRIDGES.
05. READ THIS DRAWING ALONG WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWINGS.
06. LAPS SHALL BE STAGGERED AND MINIMUM 40 DIA. IN TENSION & 50 DIA. IN COMPRESSION UNLESS OTHERWISE MENTIONED.
a. ANCHORAGE SHALL BE ACCORDING TO ISI. STANDARDS OR AS MENTIONED IN DRAWING.
b. SPLICES, EXPANSION AND CONSTRUCTION JOINTS SHALL BE DONE AS PER THE INSTRUCTIONS.
07. THE FOUNDATION ARE DESIGNED FOR GROUND +02 UPPER FLOOR ONLY.
08. THE CENTERING FOR THE CANTILEVER BEAMS/SLABS SHALL BE LIFTED AT THE FREE EDGE BY THE AMOUNT SPECIFIED IN THE DRAWING/25MM MIN. WHICHEVER IS MORE.
09. CLEAR COVER TO MAIN STEEL BARS SHALL BE AS FOLLOWS
a. COLUMNS : 40 MM
b. FOOTINGS : 50 MM
c. BEAMS : 25 MM
d. SLAB : 20 MM
10. TEST CERTIFICATES FOR EACH CONSIGNMENT SHALL BE PRODUCED BEFORE USING THE STEEL ON THE JOB
11. GRADE OF STEEL REINFORCEMENT Fe-500
12. GRADE OF CONCRETE : M30
13. ANY DISCREPENCIES TO BE BROUGHT TO THE NOTICE OF STRUCTURAL ENGINEER BEFORE EXECUTION.

3D VIEW



KEY PLAN
SCALE: NTS

MASTER KEY PLAN

HOLD	DATE	REASON FOR HOLD	SIGNED BY

REV NO	DATE	DESCRIPTION FOR REVISION	DRAWN BY	CHKD BY

PURPOSE

OWNER
CLIENTNAME

PROJECT
SALES PAVILION, JAIPUR

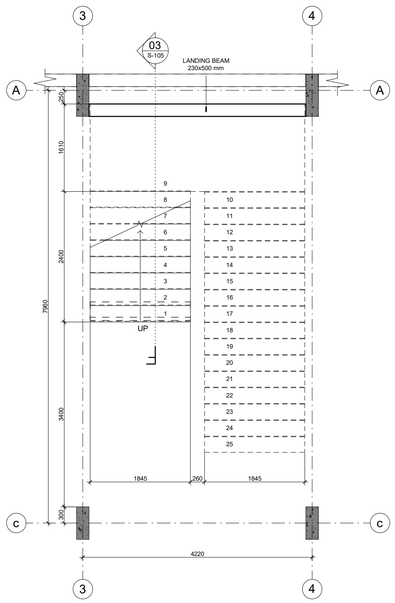
TITLE
Ground Floor Framing Layout

NORTH

JOB NO	DEALT	DRAWING NO	REVISION
0001	Designer	S-104	

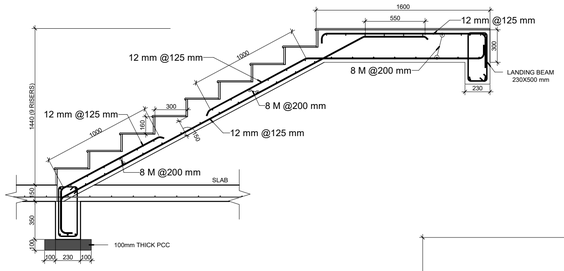
SCALE	DATE RELEASE RD	DATE CURRENT REV
As indicated		

V+S Design Partners LLP
#19, GF, Kumara Krupa Road,
Bangalore - 560001, India
+91 80 46282800
www.vs-dp.com
info@vs-dp.com

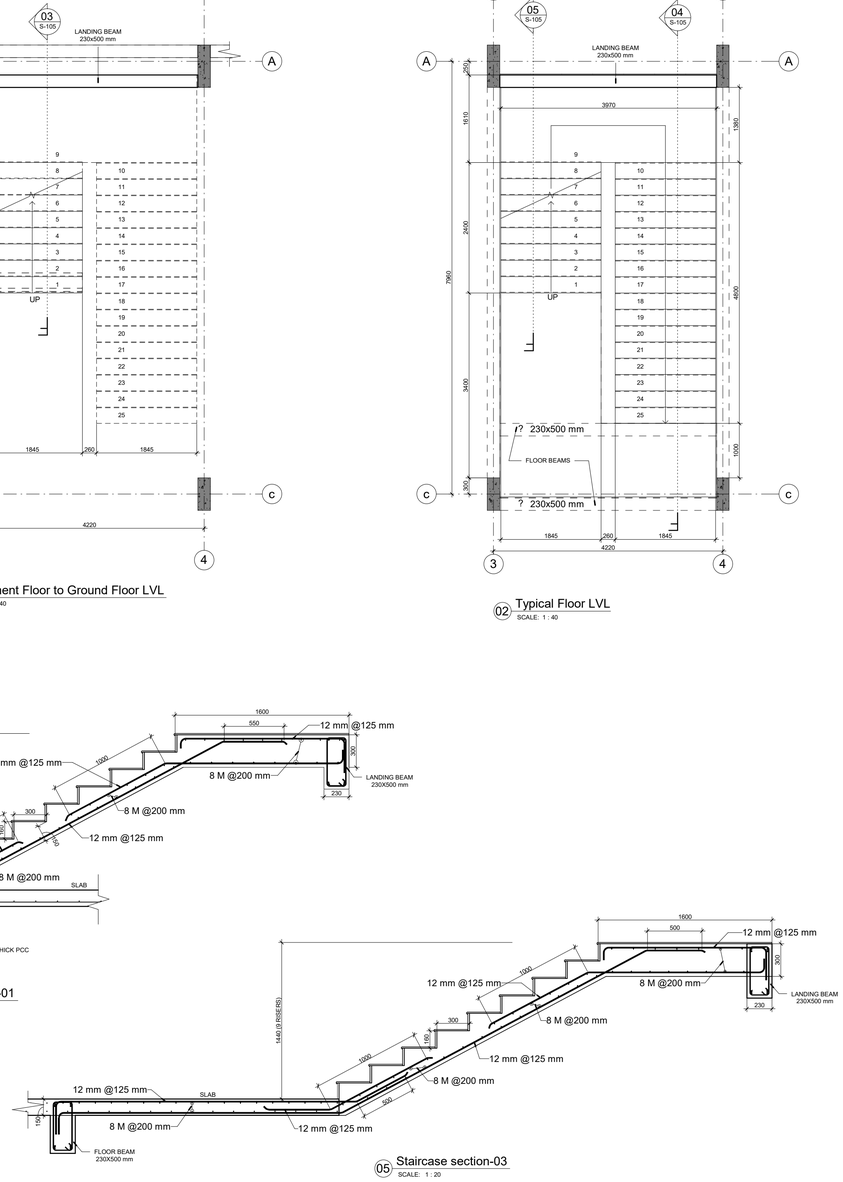


01 Basement Floor to Ground Floor LVL
SCALE: 1 : 40

02 Typical Floor LVL
SCALE: 1 : 40

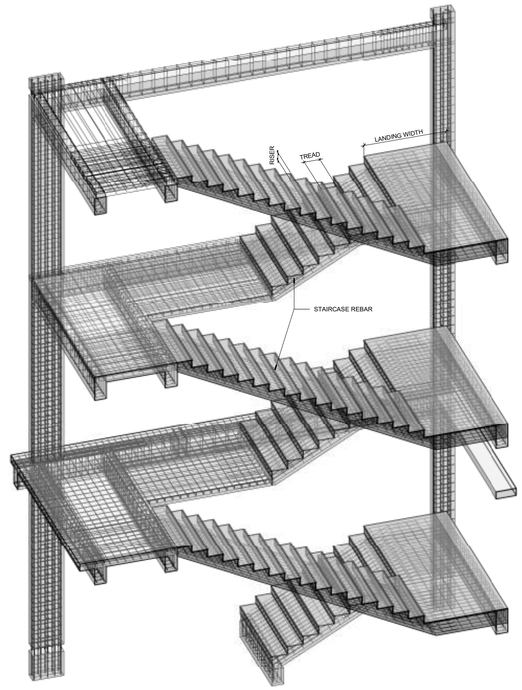


03 Staircase section-01
SCALE: 1 : 20

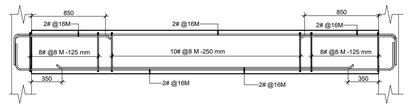


05 Staircase section-03
SCALE: 1 : 20

04 Staircase section-02
SCALE: 1 : 20



6 TYPICAL STAIR CASE DETAIL
SCALE:



7 Landing Beam
SCALE: 1 : 25

Staircase Schedule

Type	Base Level	Top Level	Actual Number of Risers	Actual Riser Height	Actual Tread Depth	Run Type	Grade of Concrete	Volume(Cubic metre)
Monolithic Stair Case	Basement Floor Level	Ground Floor Level	25	160	300	150mm Depth	M 30	4.38
Monolithic Stair Case	Ground Floor Level	Level 2	25	160	300	150mm Depth	M 30	4.38
Monolithic Stair Case	Level 2	View Deck Floor Level	25	160	300	150mm Depth	M 30	4.38

Basement to Ground Floor Staircase Rebar Schedule

Bar Diameter	Rebar Location	Spacing	Shape Image	Reinforcement Volume	Rebar Weight(KGS)
8 mm	BASEMENT STAIRCASE	125 mm		0.00053 m³	4.18 kg
8 mm	BASEMENT STAIRCASE	125 mm		0.00053 m³	4.18 kg
8 mm	BASEMENT STAIRCASE	200 mm		0.00260 m³	20.43 kg
8 mm	BASEMENT STAIRCASE	200 mm		0.00156 m³	12.28 kg
8 mm	BASEMENT STAIRCASE	200 mm		0.00063 m³	4.93 kg
8 mm	BASEMENT STAIRCASE	200 mm		0.00176 m³	13.81 kg
8 mm	BASEMENT STAIRCASE	200 mm		0.00063 m³	4.93 kg
8 mm	BASEMENT STAIRCASE	200 mm		0.00117 m³	9.16 kg
8 mm	BASEMENT STAIRCASE	200 mm		0.00054 m³	4.23 kg
8 mm	BASEMENT STAIRCASE	200 mm		0.00054 m³	4.23 kg
8 mm	BASEMENT STAIRCASE	225 mm		0.00061 m³	4.79 kg
8 mm	BASEMENT STAIRCASE	250 mm		0.00067 m³	5.22 kg
12 mm	BASEMENT STAIRCASE	125 mm		0.01425 m³	111.89 kg
12 mm	BASEMENT STAIRCASE	125 mm		0.00530 m³	41.59 kg
12 mm	BASEMENT STAIRCASE	125 mm		0.00355 m³	27.90 kg
12 mm	BASEMENT STAIRCASE	125 mm		0.00450 m³	35.33 kg
12 mm	BASEMENT STAIRCASE	125 mm		0.00287 m³	22.50 kg
12 mm	BASEMENT STAIRCASE	125 mm		0.00752 m³	59.00 kg
12 mm	BASEMENT STAIRCASE	125 mm		0.00380 m³	29.85 kg
12 mm	BASEMENT STAIRCASE	125 mm		0.00508 m³	39.85 kg
12 mm	BASEMENT STAIRCASE	125 mm		0.00280 m³	22.00 kg
16 mm	BASEMENT STAIRCASE			0.00207 m³	16.22 kg
16 mm	BASEMENT STAIRCASE			0.00205 m³	16.10 kg
16 mm	BASEMENT STAIRCASE			0.00124 m³	9.76 kg
16 mm	BASEMENT STAIRCASE			0.00088 m³	6.91 kg
16 mm	BASEMENT STAIRCASE			0.00132 m³	10.36 kg

541.61 kg

Typical Floor Staircase Rebar Schedule

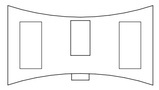
Bar Diameter	Rebar Location	Spacing	Shape Image	Reinforcement Volume	Rebar Weight(KGS)
8 mm	TYPICAL FLOOR STAIRCASE	125 mm		0.00053 m³	4.18 kg
8 mm	TYPICAL FLOOR STAIRCASE	125 mm		0.00053 m³	4.18 kg
8 mm	TYPICAL FLOOR STAIRCASE	200 mm		0.00260 m³	20.43 kg
8 mm	TYPICAL FLOOR STAIRCASE	200 mm		0.00156 m³	12.28 kg
8 mm	TYPICAL FLOOR STAIRCASE	200 mm		0.00063 m³	4.93 kg
8 mm	TYPICAL FLOOR STAIRCASE	200 mm		0.00156 m³	12.28 kg
8 mm	TYPICAL FLOOR STAIRCASE	200 mm		0.00063 m³	4.93 kg
8 mm	TYPICAL FLOOR STAIRCASE	200 mm		0.00117 m³	9.16 kg
8 mm	TYPICAL FLOOR STAIRCASE	200 mm		0.00054 m³	4.23 kg
8 mm	TYPICAL FLOOR STAIRCASE	200 mm		0.00054 m³	4.23 kg
8 mm	TYPICAL FLOOR STAIRCASE	250 mm		0.00067 m³	5.22 kg
12 mm	TYPICAL FLOOR STAIRCASE	125 mm		0.01421 m³	111.54 kg
12 mm	TYPICAL FLOOR STAIRCASE	125 mm		0.00541 m³	42.49 kg
12 mm	TYPICAL FLOOR STAIRCASE	125 mm		0.00389 m³	30.54 kg
12 mm	TYPICAL FLOOR STAIRCASE	125 mm		0.00460 m³	36.15 kg
12 mm	TYPICAL FLOOR STAIRCASE	125 mm		0.00284 m³	22.33 kg
12 mm	TYPICAL FLOOR STAIRCASE	125 mm		0.01209 m³	94.94 kg
12 mm	TYPICAL FLOOR STAIRCASE	125 mm		0.00499 m³	39.18 kg
12 mm	TYPICAL FLOOR STAIRCASE	125 mm		0.00320 m³	25.09 kg
12 mm	TYPICAL FLOOR STAIRCASE	125 mm		0.00581 m³	45.58 kg
12 mm	TYPICAL FLOOR STAIRCASE	125 mm		0.00348 m³	27.33 kg
16 mm	TYPICAL FLOOR STAIRCASE			0.00200 m³	15.70 kg
16 mm	TYPICAL FLOOR STAIRCASE			0.00195 m³	15.27 kg
16 mm	TYPICAL FLOOR STAIRCASE			0.00136 m³	10.71 kg
16 mm	TYPICAL FLOOR STAIRCASE			0.00056 m³	4.43 kg

607.32 kg

GENERAL NOTES :-

01. All DIMENSIONS ARE IN MM. & LEVELS IN METERS UNLESS, OTHERWISE SPECIFIED.
02. ALL CONCRETE SHALL HAVE CRUSHING STRENGTH AS SPECIFIED BY THE GRADE,CORRESPONDING MIX MENTIONED ELSEWHERE IN THE DRAWING, AND THE CUBES SHALL BE TESTED AT SITE.
03. @ DENOTES MS, ROUNDS AND # TWISTED FOR STEEL BARS, ALL STEEL SHALL CONFORM TO ACCEPTED IS STANDARDS IN SPECIFIED YIELD STRENGTHS.
   a. IN ADDITION TO THE ABOVE CLAUSE TESTING SHALL BE DONE AT SITE FOR STEEL BARS SELECTED AT RANDOM FROM THE UNLOADED CONSIGNMENT AS PER THE INSTRUCTIONS, BEFORE USING IT ON THE JOB. THIS SHALL APPLY FOR THE STRUCTURAL STEEL FABRICATION ALSO.
04. STEEL BARS SHALL BE PLACED AND WELL SECURED IN THE POSITION AS SHOWN IN THE DRAWING ARRANGEMENT SHALL BE MADE BY THE CONTRACTOR SO THAT THE PLACEMENT OF THE STEEL BARS IS NOT DISTURBED DURING CONCRETING BY PROVIDING BRIDGES.
05. READ THIS DRAWING ALONG WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWINGS.
06. LAPS SHALL BE STAGGERED AND MINIMUM 60 DIA. IN TENSION & 50 DIA. IN COMPRESSION UNLESS OTHERWISE MENTIONED.
   a. ANCHORAGE SHALL BE ACCORDING TO IS:, STANDARDS OR AS MENTIONED IN DRAWING.
   b. SPLICES, EXPANSION AND CONSTRUCTION JOINTS SHALL BE DONE AS PER THE INSTRUCTIONS.
07. THE FOUNDATION ARE DESIGNED FOR GROUND +02 UPPER FLOOR ONLY.
08. THE CENTERING FOR THE CANTILEVER BEAMS/SLABS SHALL BE LIFTED AT THE FREE EDGE BY THE AMOUNT SPECIFIED IN THE DRAWING/5MM MIN. WHICHEVER IS MORE.
09. CLEAR COVER TO MAIN STEEL BARS SHALL BE AS FOLLOWS
   a. COLUMNS : 40 MM
   b. FOOTINGS : 50 MM
   c. BEAMS : 25 MM
   d. SLAB : 25 MM
10. TEST CERTIFICATES FOR EACH CONSIGNMENT SHALL BE PRODUCED BEFORE USING THE STEEL ON THE JOB
11. GRADE OF STEEL REINFORCEMENT Fe-500
12. GRADE OF CONCRETE : M30
13. ANY DISCREPENCIES TO BE BROUGHT TO THE NOTICE OF STRUCTURAL ENGINEER BEFORE EXECUTION

3D VIEW



KEY PLAN
SCALE: NTS

MASTER KEY PLAN

HOLD	DATE	REASON FOR HOLD	SIGNED BY

REV NO	DATE	DESCRIPTION FOR REVISION	DRAWN BY	CHKD BY

PURPOSE

OWNER
CLIENTNAME

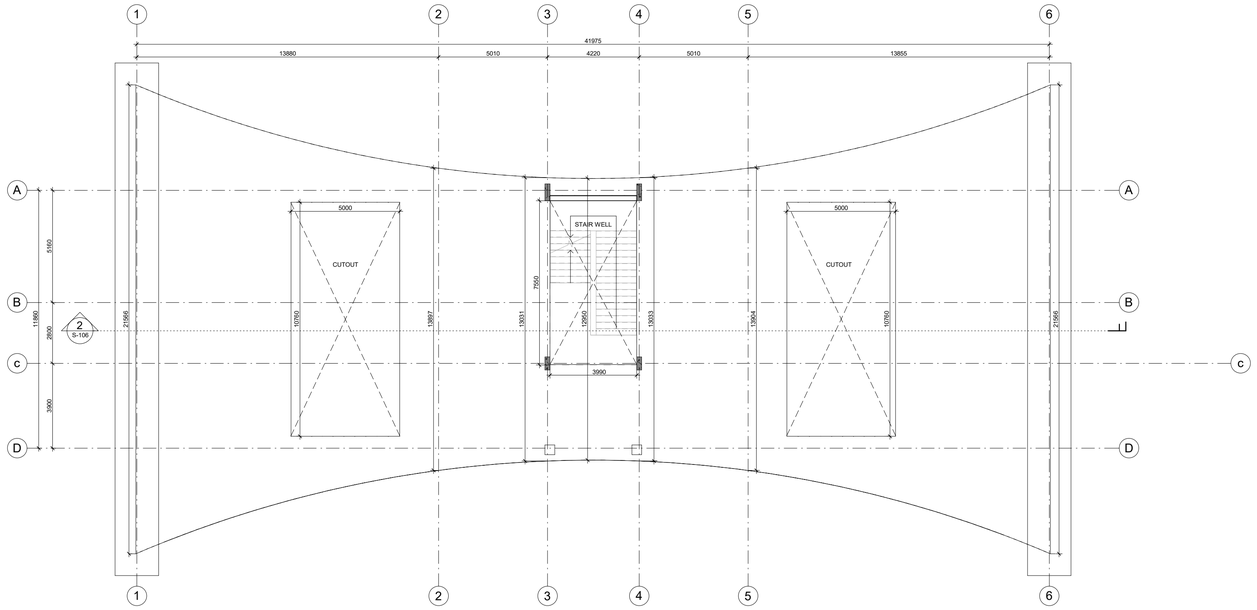
PROJECT
SALES PAVILION, JAIPUR

TITLE
Staircase Rebar Details

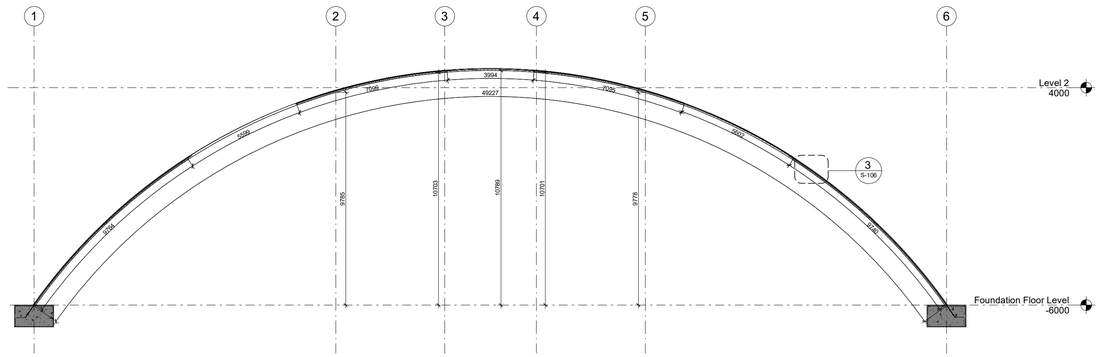
NORTH

JOB NO	DEALT	DRAWING NO	REVISION
0001	Designer	S-105	
SCALE	DATE RELEASE R0	DATE CURRENT REV	
As indicated			

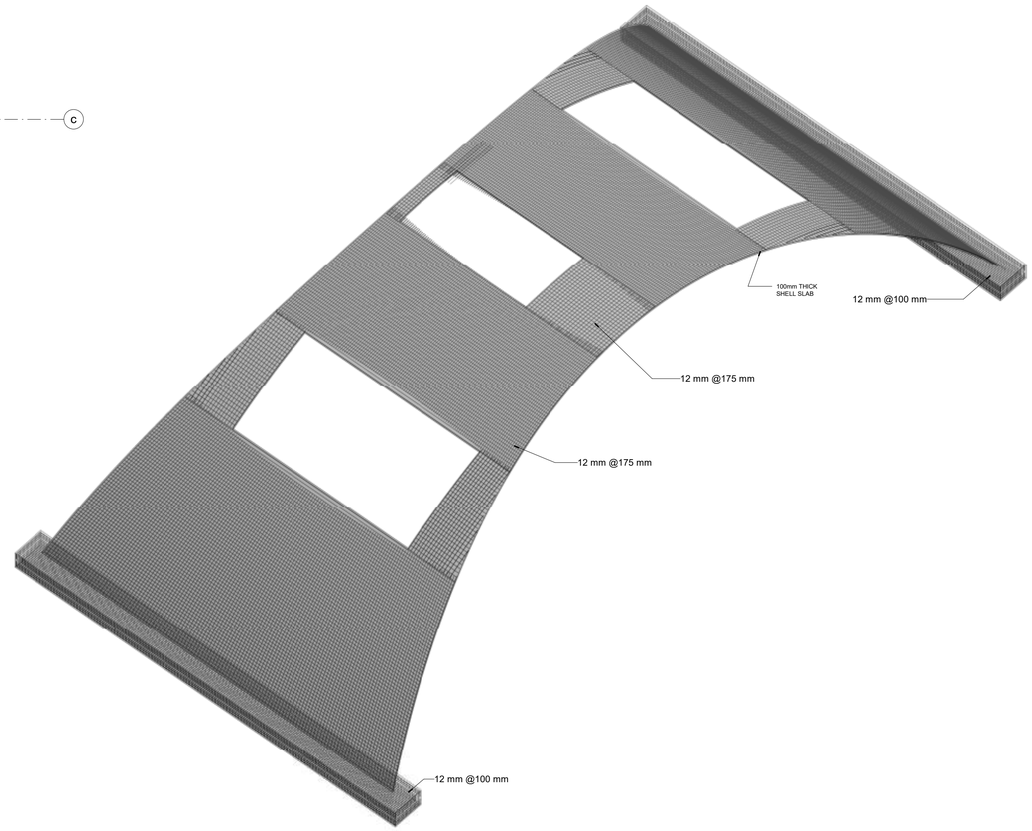
V+S Design Partners
V+S Design Partners LLP
#19, GF, Kumara Krupa Road,
Bangalore - 560001, India
+91 80 46382800
www.vs-dp.com
info@vs-dp.com



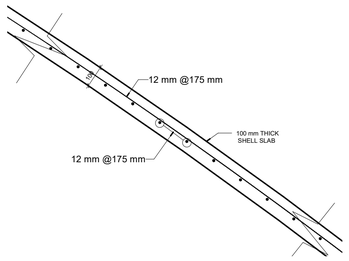
1 Shell Structure Slab Layout
SCALE: 1 : 100



2 SHELL STRUCTURE SECTION
SCALE: 1 : 100



4 SHELL STRUCTURE 3D VIEW
SCALE:



3 SHELL SLAB REBAR DETAILS
SCALE: 1 : 10

Shell Structure Schedule			
Type	Mark	Grade of Concrete	Volume
Structural Framing 1	SHELL STRUCTURE	M 35	64.10 m³
			64.10 m³

Shell rebar schedule				
Bar Diameter	Rebar Location	Shape Image	Spacing	Rebar weight(KGS)
12 mm	Shell reinforcement		175 mm	7181.47 kg
12 mm	Shell reinforcement		175 mm	27.75 kg
				7209.22 kg

GENERAL NOTES:-

01. All DIMENSIONS ARE IN MM. & LEVELS IN METERS UNLESS OTHERWISE SPECIFIED.
02. ALL CONCRETE SHALL HAVE CRUSHING STRENGTH AS SPECIFIED BY THE GRADE/CORRESPONDING MIX MENTIONED ELSEWHERE IN THE DRAWING, AND THE CUBES SHALL BE TESTED AT SITE.
03. @ DENOTES MS. ROUNDS AND # TWISTED TOR STEEL BARS. ALL STEEL SHALL CONFORM TO ACCEPTED ISI STANDARDS OF SPECIFIED YIELD STRENGTHS.
a. IN ADDITION TO THE ABOVE CLAUSE TESTING SHALL BE DONE AT SITE FOR STEEL BARS SELECTED AT RANDOM FROM THE UNLOADED CONSIGNMENT AS PER THE INSTRUCTIONS, BEFORE USING IT ON THE JOB. THIS SHALL APPLY FOR THE STRUCTURAL STEEL FABRICATION ALSO.
04. STEEL BARS SHALL BE PLACED AND WELL SECURED IN THE POSITION AS SHOWN IN THE DRAWING ARRANGEMENT SHALL BE MADE BY THE CONTRACTOR SO THAT THE PLACEMENT OF THE STEEL BARS IS NOT DISTURBED DURING CONCRETING BY PROVIDING BRIDGES.
05. READ THIS DRAWING ALONG WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWINGS.
06. LAPS SHALL BE STAGGERED AND MINIMUM 40 DIA. IN TENSION & 50 DIA. IN COMPRESSION UNLESS OTHERWISE MENTIONED.
a. ANCHORAGE SHALL BE ACCORDING TO ISI STANDARDS OR AS MENTIONED IN DRAWING.
b. SPLICES, EXPANSION AND CONSTRUCTION JOINTS SHALL BE DONE AS PER THE INSTRUCTIONS.
07. THE FOUNDATION ARE DESIGNED FOR GROUND +#72 UPPER FLOOR ONLY.
08. THE CENTERING FOR THE CANTILEVER BEAMS/SLABS SHALL BE LIFTED AT THE FREE EDGE BY THE AMOUNT SPECIFIED IN THE DRAWING/50MM MIN. WHICHEVER IS MORE.
09. CLEAR COVER TO MAIN STEEL BARS SHALL BE AS FOLLOWS.
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d. SLAB : 20 MM
10. TEST CERTIFICATES FOR EACH CONSIGNMENT SHALL BE PRODUCED BEFORE USING THE STEEL ON THE JOB
11. GRADE OF STEEL REINFORCEMENT Fe-500
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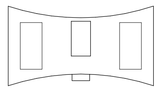
3D VIEW



KEY PLAN
SCALE: NTS

MASTER KEY PLAN

HOLD	DATE	REASON FOR HOLD	SIGNED BY

REV NO	DATE	DESCRIPTION FOR REVISION	DRAWN BY	CHKD BY

PURPOSE

OWNER
CLIENTNAME

PROJECT
SALES PAVILION, JAIPUR

TITLE
Shell Slab Rebar Details

NORTH

JOB NO	DEALT	DRAWING NO	REVISION
0001	Designer	S-106	
SCALE	DATE RELEASE RS	DATE CURRENT REV	
As indicated			

V+S Design Partners LLP
#19, GF, Kumara Krupa Road,
Bangalore - 560001, India
+91 80 46282800
www.vs-dp.com
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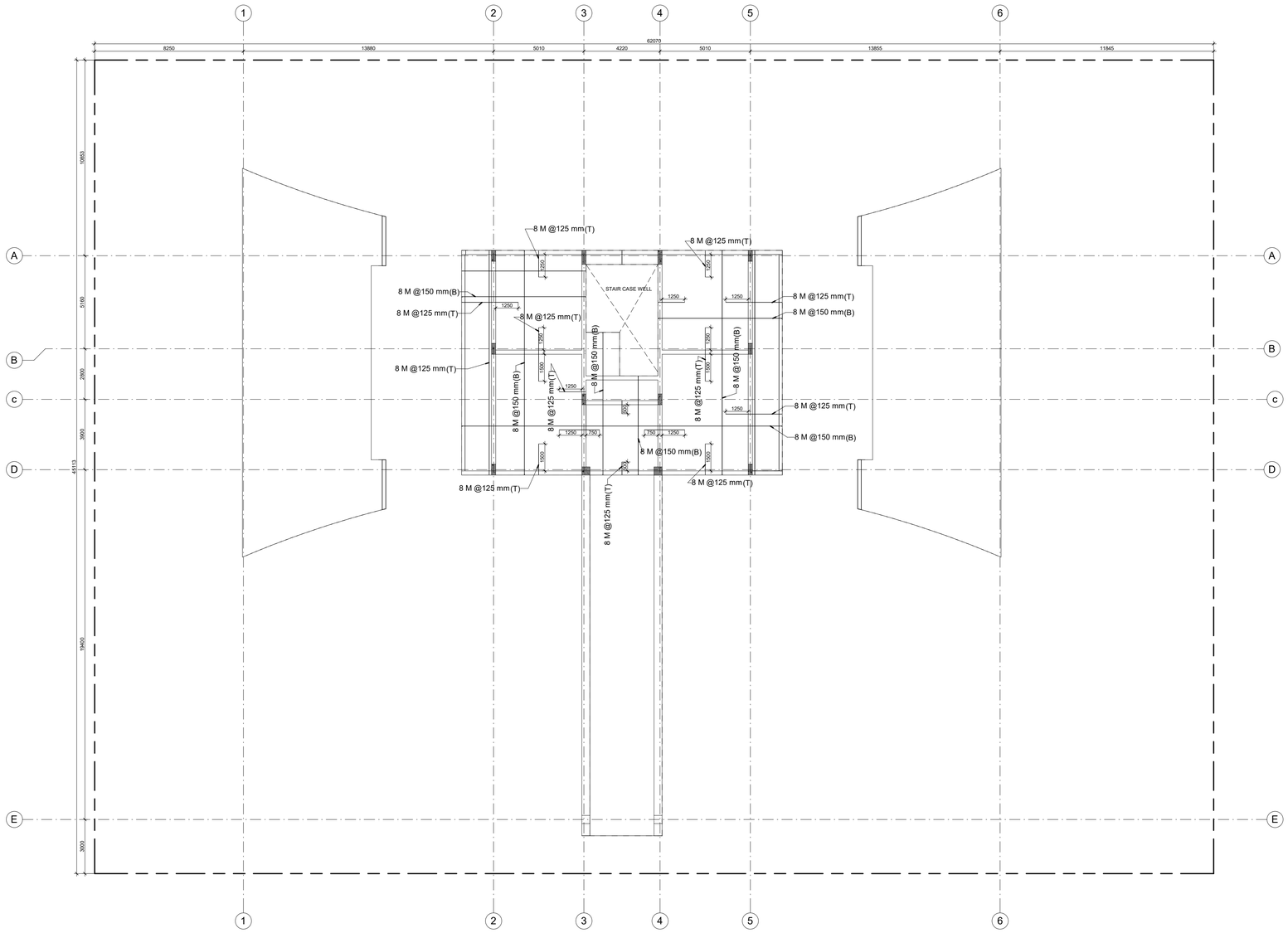
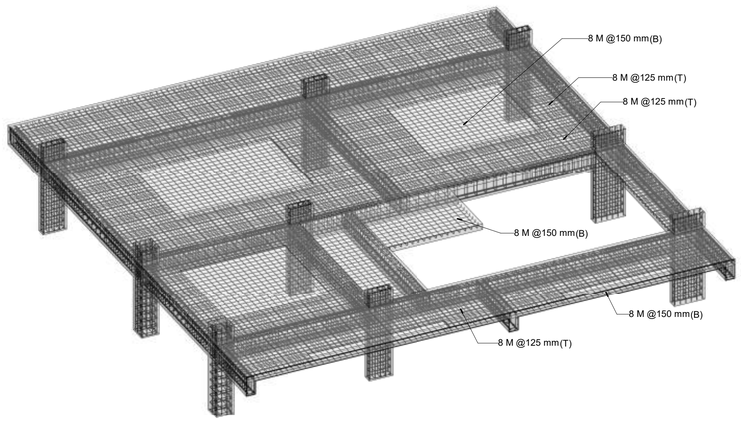


1 Ground Floor Slab Rebar layout
SCALE: 1 : 100



2 GROUND FLOOR REBAR DETAILS
SCALE:

Ground Slab Schedule

Type	Level	Slab thickness	Area	Grade of Concrete	Volume
Ground Floor -150 mm	Ground Floor Level	150	199 m²	M 25	29.81 m³
					29.81 m³

Ground Floor slab rebar schedule

Major, Both Faces	Minor, Both Faces	Rebar Location	rebar shape	Reinforcement Volume	Rebar weight(KGS)
8 M @ 150 mm (B)	8 M @ 150 mm B	Ground Floor Slab		0.13679 m³	1073.77 kg
8 M @ 125 mm (T)	8 M @ 125 mm T	Ground Floor Slab		0.12534 m³	983.94 kg
					2057.72 kg

GENERAL NOTES:-

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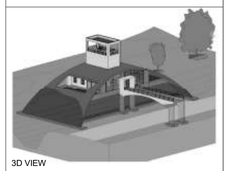
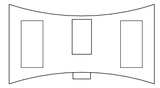
a. ANCHORAGE SHALL BE ACCORDING TO ISI. STANDARDS OR AS MENTIONED IN DRAWING.
b. SPLICES, EXPANSION AND CONSTRUCTION JOINTS SHALL BE DONE AS PER THE INSTRUCTIONS.
07. THE FOUNDATION ARE DESIGNED FOR GROUND +02 UPPER FLOOR ONLY.
08. THE CENTERING FOR THE CANTILEVER BEAMS/SLABS SHALL BE LIFTED AT THE FREE EDGE BY THE AMOUNT SPECIFIED IN THE DRAWING/20MM MIN, WHICHEVER IS MORE.
09. CLEAR COVER TO MAIN STEEL BARS SHALL BE AS FOLLOWS
a. COLUMNS : 40 MM
b. FOOTINGS : 50 MM
c. BEAMS : 25 MM
d. SLAB : 20 MM
10. TEST CERTIFICATES FOR EACH CONSIGNMENT SHALL BE PRODUCED BEFORE USING THE STEEL ON THE JOB
11. GRADE OF STEEL REINFORCEMENT Fe-500
12. GRADE OF CONCRETE : M30
13. ANY DISCREPENCIES TO BE BROUGHT TO THE NOTICE OF STRUCTURAL ENGINEER BEFORE EXECUTION.



3D VIEW



KEY PLAN
SCALE: NTS

MASTER KEY PLAN

HOLD	DATE	REASON FOR HOLD	SIGNED BY

REV NO	DATE	DESCRIPTION FOR REVISION	DRAWN BY	CHKD BY

PURPOSE

OWNER
CLIENTNAME

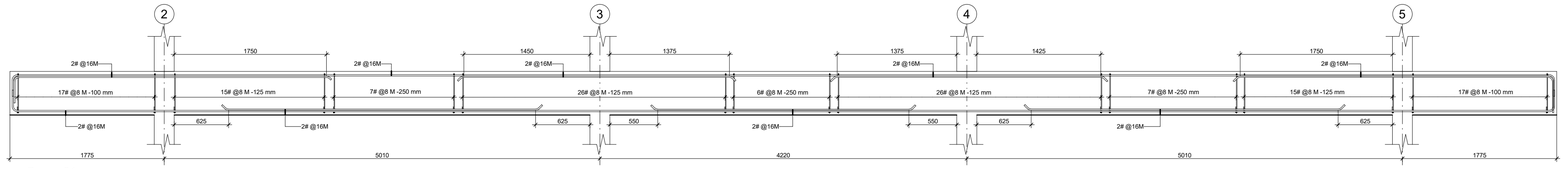
PROJECT
SALES PAVILION, JAIPUR

TITLE
Ground Floor Slab Details

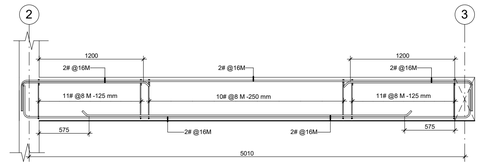
NORTH

JOB NO	DEALT	DRAWING NO	REVISION
0001	Designer	S-107	
SCALE: As indicated	DATE RELEASE RG	DATE CURRENT REV	

V+S Design Partners
V+S Design Partners LLP
#19, GF, Kumara Krupa Road,
Bangalore - 560001, India
+91 80 46282800
www.vs-dp.com
info@vs-dp.com



1 Beam-01
SCALE: 1 : 25



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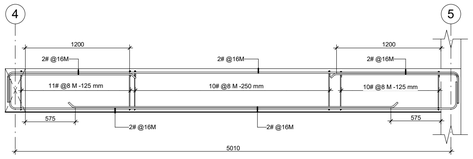

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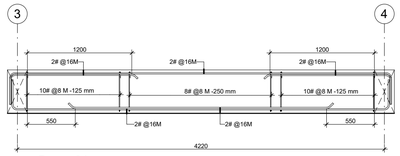

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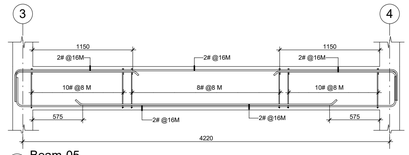

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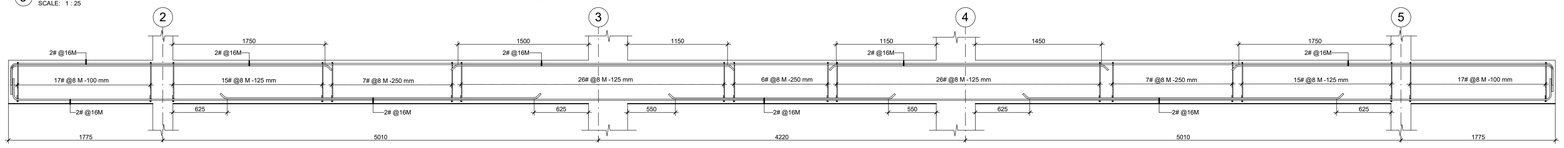

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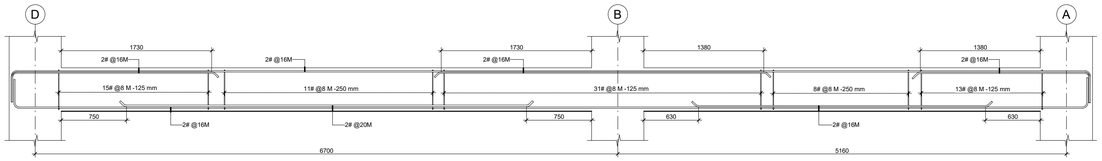

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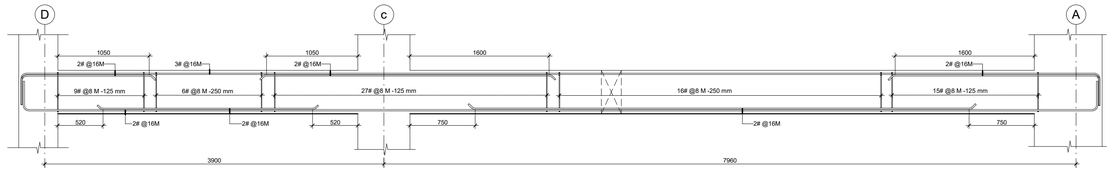
SCALE: 1 : 25



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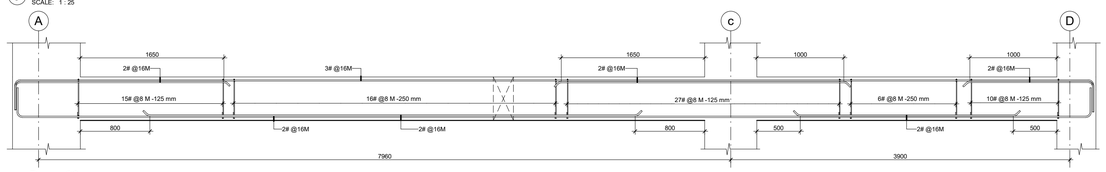
SCALE: 1 : 25



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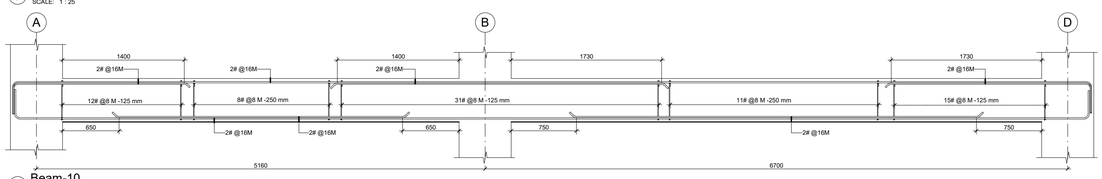
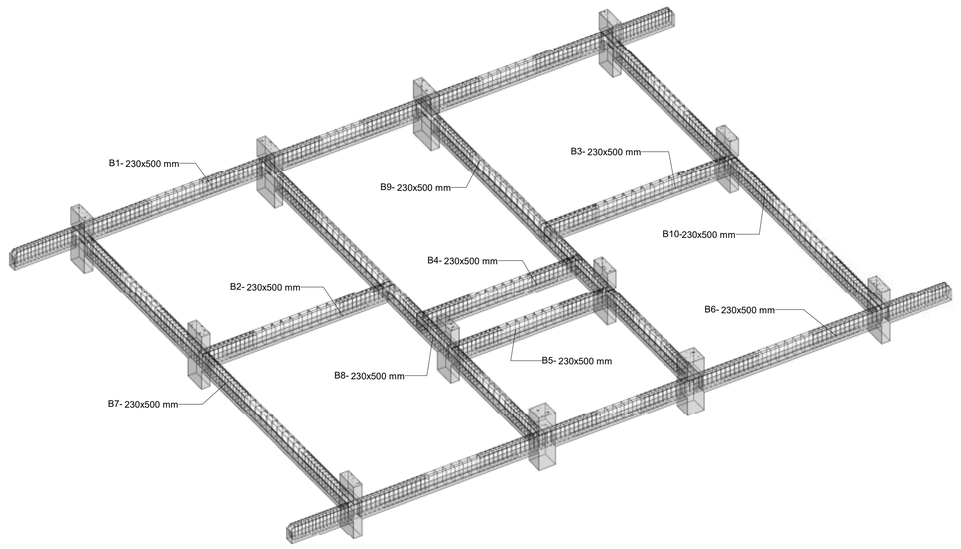
SCALE: 1 : 25



10 Beam-10
SCALE: 1 : 25



11 GROUND FLOOR BEAM LAYOUT
SCALE:

Ground Floor Beam Schedule

Mark	Type	Reference Level	Grade of Concrete	Volume
B1	230x500 mm	Ground Floor Level	M 25	1.3580 m³
B2	230x500 mm	Ground Floor Level	M 25	0.3848 m³
B3	230x500 mm	Ground Floor Level	M 25	0.3848 m³
B4	230x500 mm	Ground Floor Level	M 25	0.3212 m³
B5	230x500 mm	Ground Floor Level	M 25	0.3212 m³
B6	230x500 mm	Ground Floor Level	M 25	1.3226 m³
B7	230x500 mm	Ground Floor Level	M 25	0.8581 m³
B8	230x500 mm	Ground Floor Level	M 25	0.8557 m³
B9	230x500 mm	Ground Floor Level	M 25	0.8557 m³
B10	230x500 mm	Ground Floor Level	M 25	0.8581 m³
				7.5203 m³

Ground Floor Beam Rebar Schedule

Bar Diameter	Rebar Location	Shape Image	Count	Rebar Weight(KGS)
20 mm	Ground Floor Beam		1	23.61 kg
16 mm	Ground Floor Beam		4	226.30 kg
16 mm	Ground Floor Beam		16	499.55 kg
16 mm	Ground Floor Beam		25	282.46 kg
16 mm	Ground Floor Beam		20	154.64 kg
				1186.57 kg

Ground Floor Beam Stirrups Rebar Schedule

Bar Diameter	Rebar Location	Shape Image	Spacing	Count	Rebar Weight(KGS)
8 mm	Ground Floor Beam		100 mm	4	35.52 kg
8 mm	Ground Floor Beam		125 mm	28	243.87 kg
8 mm	Ground Floor Beam		250 mm	18	82.53 kg
					361.92 kg

GENERAL NOTES:-

01. All DIMENSIONS ARE IN MM. & LEVELS IN METERS UNLESS OTHERWISE SPECIFIED.
02. ALL CONCRETE SHALL HAVE CRUSHING STRENGTH AS SPECIFIED BY THE GRADE/CORRESPONDING MIX MENTIONED ELSEWHERE IN THE DRAWING, AND THE CUBES SHALL BE TESTED AT SITE.
03. @ DENOTES MS. ROUNDS AND # TWISTED TOR STEEL BARS. ALL STEEL SHALL CONFORM TO ACCEPTED IS STANDARDS OF SPECIFIED YIELD STRENGTHS.
a. IN ADDITION TO THE ABOVE CLAUSE, TESTING SHALL BE DONE AT SITE FOR STEEL BARS SELECTED AT RANDOM FROM THE UNLOADED CONSIGNMENT AS PER THE INSTRUCTIONS, BEFORE USING IT ON THE JOB. THIS SHALL APPLY FOR THE STRUCTURAL STEEL FABRICATION ALSO.
04. STEEL BARS SHALL BE PLACED AND WELL SECURED IN THE POSITION AS SHOWN IN THE DRAWING ARRANGEMENT SHALL BE MADE BY THE CONTRACTOR SO THAT THE PLACEMENT OF THE STEEL BARS IS NOT DISTURBED DURING CONCRETING BY PROVIDING BRIDGES.
05. READ THIS DRAWING ALONG WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWINGS.
06. LAPS SHALL BE STAGGERED AND MINIMUM 40 DIA. IN TENSION & 50 DIA. IN COMPRESSION UNLESS OTHERWISE MENTIONED.
a. ANCHORAGE SHALL BE ACCORDING TO ISI. STANDARDS OR AS MENTIONED IN DRAWING.
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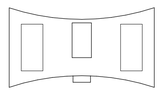
3D VIEW



KEY PLAN
SCALE: NTS

MASTER KEY PLAN

HOLD	DATE	REASON FOR HOLD	SIGNED BY

REV NO	DATE	DESCRIPTION FOR REVISION		DRAWN BY	CHKD BY

PURPOSE

OWNER
CLIENTNAME

PROJECT
SALES PAVILION, JAIPUR

TITLE
Beam Rebar Details

NORTH

JOB NO	DEALT	DRAWING NO	REVISION
0001	Designer	S-108	
SCALE	DATE RELEASE RE	DATE CURRENT REV	
As indicated			

V+S Design Partners LLP
#19, GF, Kumara Krupa Road,
Bangalore - 560001, India
+91 80 46282800
www.vs-dp.com
info@vs-dp.com