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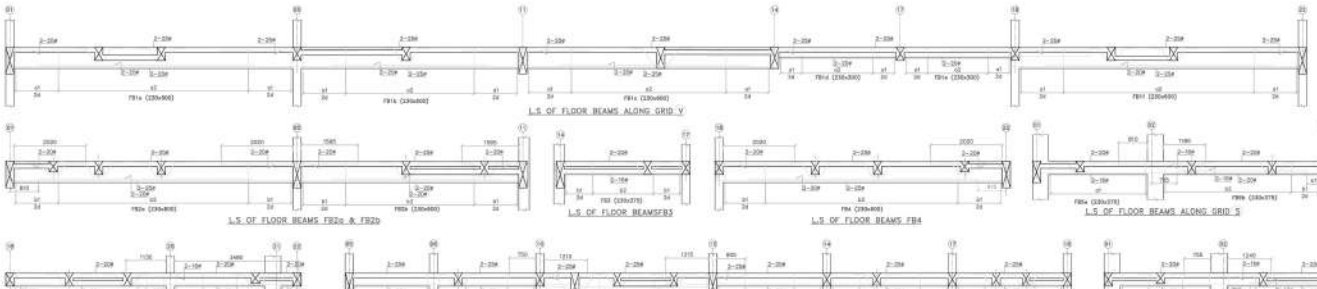
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

hello@verified.realestate
+91 9996 12 9996

Official Property Record

Digitally Verified Record - Powered by Verified RealEstate™





L.S OF FLOOR BEAMS ALONG GRID V

L.S OF FLOOR BEAMS FB2a & FB2b

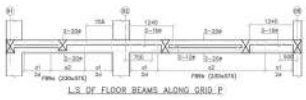
L.S OF FLOOR BEAMSFB3

L.S OF FLOOR BEAMS FB4

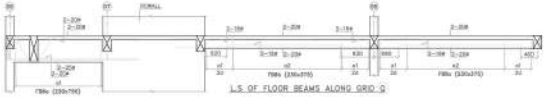
L.S OF FLOOR BEAMS ALONG GRID S

L.S OF FLOOR BEAMS ALONG GRID S

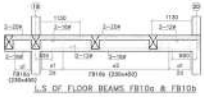
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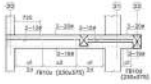
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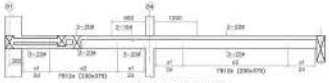
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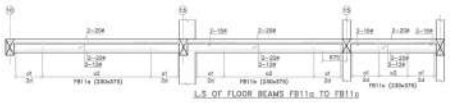
L.S OF FLOOR BEAMS FB10a & FB10b



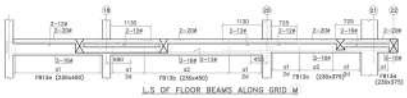
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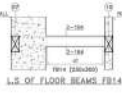
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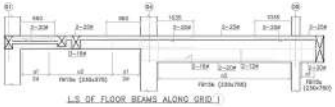
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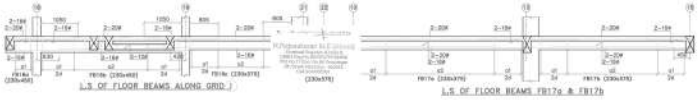
L.S OF FLOOR BEAMS ALONG GRID M



L.S OF FLOOR BEAMS FB14



L.S OF FLOOR BEAMS ALONG GRID I

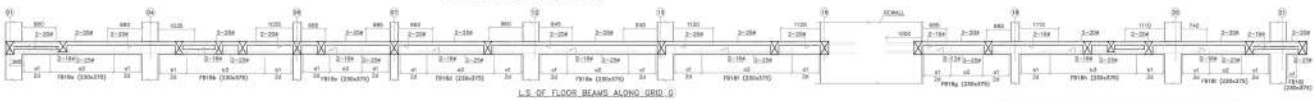


L.S OF FLOOR BEAMS ALONG GRID J

L.S OF FLOOR BEAMS FB17a & FB17b



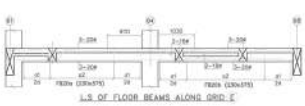
L.S OF FLOOR BEAMS ALONG GRID F



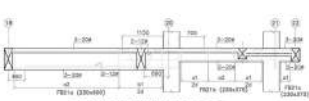
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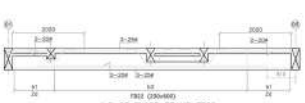
TYPICAL DETAIL OF HANGER BAR



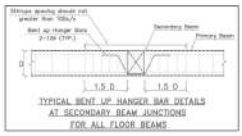
L.S OF FLOOR BEAMS ALONG GRID E



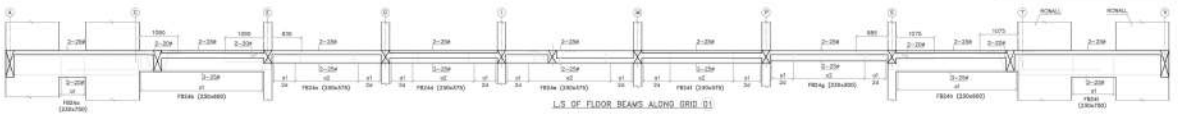
L.S OF FLOOR BEAMS ALONG GRID F



L.S OF FLOOR BEAMS FB22



TYPICAL BENT UP HANGER BAR DETAILS AT SECONDARY BEAM JUNCTIONS FOR ALL FLOOR BEAMS



L.S OF FLOOR BEAMS ALONG GRID 01

TYPICAL DETAIL OF STIRRUPS
st1 : 2L-8# 100c/c
st2 : 2L-8# 150c/c
st1 : 2L-10# 100c/c
st2 : 2L-10# 125c/c
2d = 2 x depth of the beam

Rev.No	Description	Design	Drawn	Checked
03	For Approval			

PROJECT:
Proposed Construction of Residential Building of 85 Dwelling Units Vengambakkam, Chennai-600127

CLIENT:
Vedash Realtors Pvt ltd
No.97/6, 4th Floor, Vertrex Building, College Road, Nungambakkam, Chennai - 600 006.

STRUCTURAL CONSULTANT:
Dynamic Associates
Flat No:11, Door No.8A, Tarakrajan, 8th Street, Velachery, Chennai - 600 042.
Mobile No: 98409 07991
e-mail: dynamicstructures@gmail.com

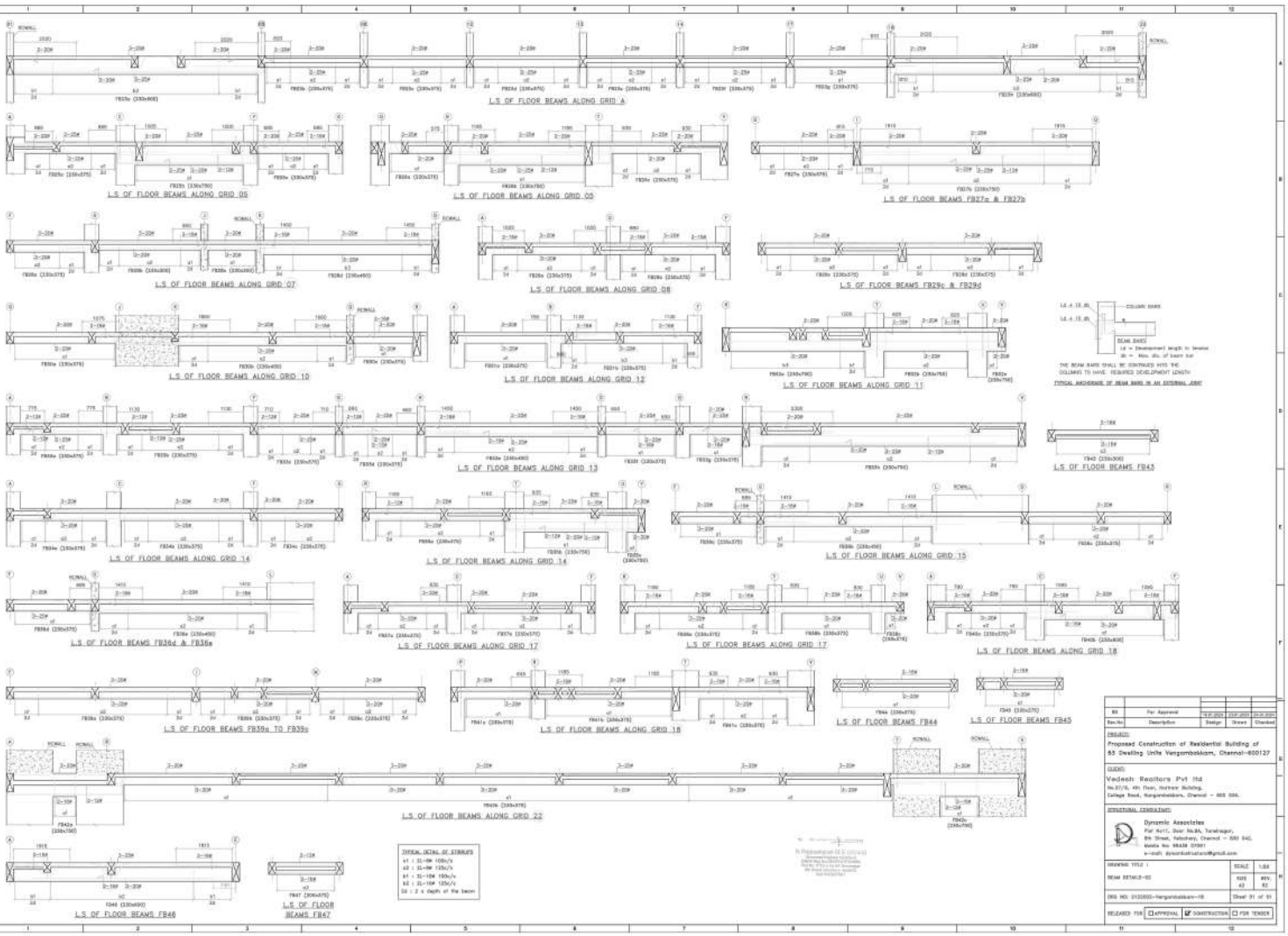
DRAWING TITLE :
FLOOR BEAM DETAILS-01

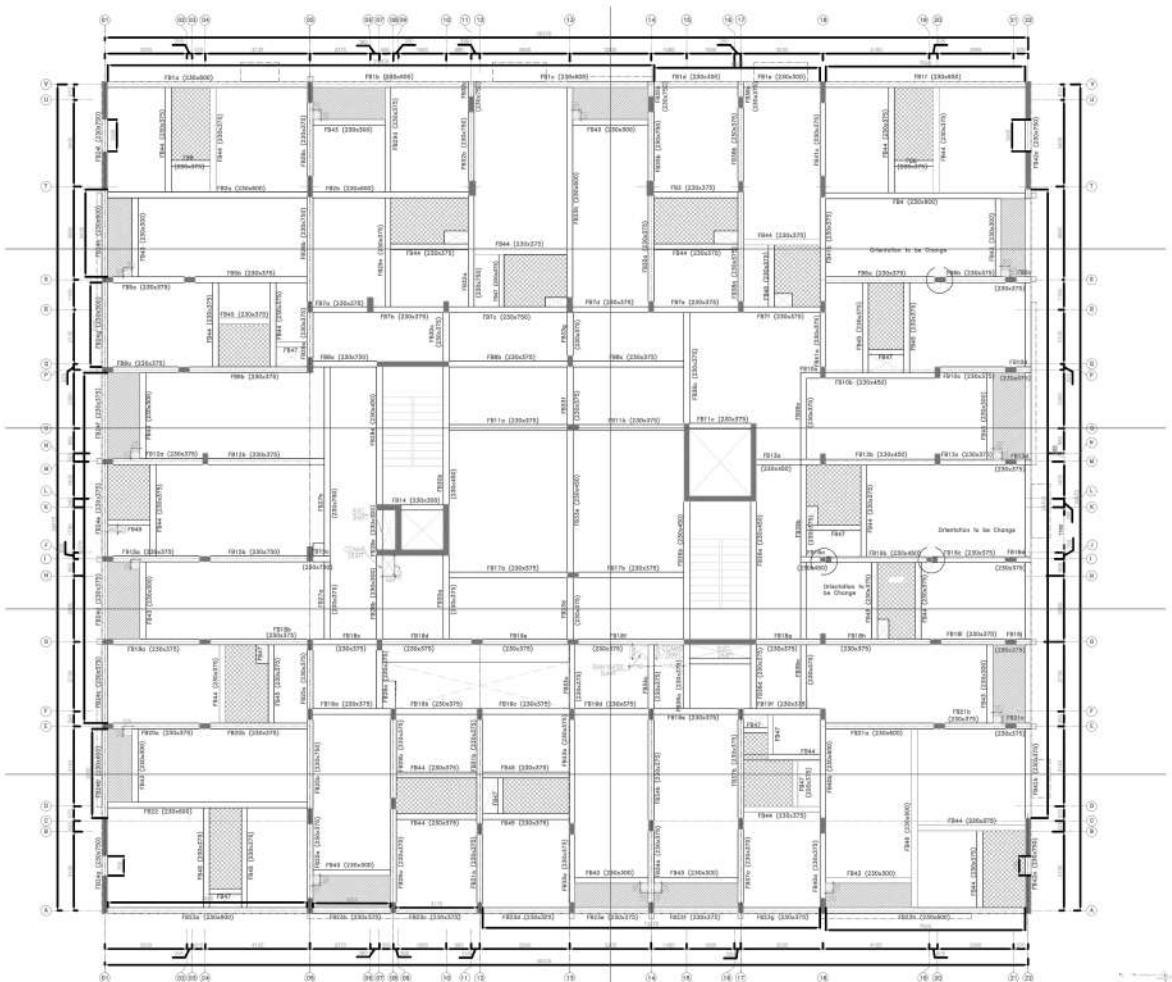
SCALE: 1:50 (@ A2)
REV: 02

DRG NO: 2120002-Vengambakkam-17

Sheet 91 of 01

RELEASED FOR: ☐ APPROVAL ☑ CONSTRUCTION ☐ FOR TENDER


L.S OF FLOOR BEAMS ALONG GRID A
L.S OF FLOOR BEAMS ALONG GRID 05
L.S OF FLOOR BEAMS ALONG GRID 05
L.S OF FLOOR BEAMS FB27a & FB27b
L.S OF FLOOR BEAMS ALONG GRID 07
L.S OF FLOOR BEAMS ALONG GRID 08
L.S OF FLOOR BEAMS FB29c & FB29d
L.S OF FLOOR BEAMS ALONG GRID 10
L.S OF FLOOR BEAMS ALONG GRID 12
L.S OF FLOOR BEAMS ALONG GRID 11
L.S OF FLOOR BEAMS ALONG GRID 13
L.S OF FLOOR BEAMS FB43
L.S OF FLOOR BEAMS ALONG GRID 14
L.S OF FLOOR BEAMS ALONG GRID 14
L.S OF FLOOR BEAMS ALONG GRID 15
L.S OF FLOOR BEAMS FB36d & FB36e
L.S OF FLOOR BEAMS ALONG GRID 17
L.S OF FLOOR BEAMS ALONG GRID 17
L.S OF FLOOR BEAMS ALONG GRID 18
L.S OF FLOOR BEAMS FB39a TO FB39c
L.S OF FLOOR BEAMS ALONG GRID 18
L.S OF FLOOR BEAMS FB44
L.S OF FLOOR BEAMS FB45
L.S OF FLOOR BEAMS ALONG GRID 22
L.S OF FLOOR BEAMS FB46
L.S OF FLOOR BEAMS FB47
TYPICAL DETAIL OF STIRRUPS
s1 : 1L=0# 100c/c
s2 : 1L=0# 125c/c
s1 : 1L=1# 150c/c
s2 : 1L=1# 125c/c
1d : 2 x depth of the beam
TYPICAL ANCHORAGE OF BEAM BARS IN AN EXTERNAL JOINT
Proposed Construction of Residential Building of 85 Dwelling Units Vanganbakkam, Chennai-600127
Vadivel Realtors Pvt ltd
Dynamic Associates
BEAM DETAILS-03
DRG NO: 2120003-Vanganbakkam-19
Sheet 31 of 51



SECOND FLOOR BEAM LAYOUT

LEGEND

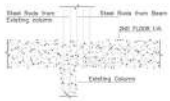
GL – ELEVATION LVL
NGL – NATURAL GROUND LVL
FFL – FINISHED FLOOR LVL
FRL – FINISHED ROAD LVL
RL – ROAD LVL
EGL – EXISTING GROUND LVL

NOTES:

1. ALL DIMENSIONS ARE IN mm & LEVELS ARE IN METRES (U.O.)
2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. DO NOT SCALE THE DRAWINGS
3. MSL(+) 0.00m CORRESPONDS TO EL(+)0.00m
4. DRAWING TO BE READ ON CONJUNCTION WITH THE TECHNICAL SPECIFICATIONS
5. GRADE OF CONCRETE FOR ALL RCC ITEMS M25
6. ALL REINFORCEMENT STEEL SHALL BE TMT BARS OF GRADE Fe 500
7. THE STRUCTURE IS DESIGNED FOR STILT + 5 UPPER FLOORS
8. CLEAR COVER FOR FOOTING 75mm, COLUMN 40mm, PLINTH BEAMS 40mm, FLOOR BEAMS 30mm, SLAB 20mm
9. DEVELOPMENT LENGTH/LAP LENGTH FOR REINFORCEMENT BARS SHALL BE 50 x DIA. OF BAR



TYPICAL BEAM CUT DETAILS AT SUNKEN AREA



ELEVATION VIEW



CHANGE OF COLUMN ORIENTATION

Rev.No	Description	Design	Drawn	Checked
03	For Approval	16.01.2023	23.01.2023	24.01.2023

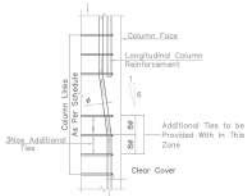
PROJECT:
Proposed Construction of Residential Building of 55 Dwelling Units Vanganbakkam, Chennai-600127

CLIENT:
Vedesh Realtors Pvt ltd
No.37/6, 4th Floor, Ivatrave Building,
College Road, Nungambakkam, Chennai – 600 006.

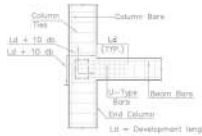
STRUCTURAL CONSULTANT:
Dynamic Associates
Plot No:113, Door No.8A, Tarakrajan,
8th Street, Kalachery, Chennai – 600 042.
Mobile No: 98409 03981
e-mail: dynamicstructures@gmail.com

DRAWING TITLE : BEAM LAYOUT	SCALE	1:75
	SIZE	REV.
	A3	02
DRG NO: 2120002-Vanganbakkam-19	Sheet 91 of 91	
RELEASED FOR: ☐ APPROVAL ☑ CONSTRUCTION ☐ FOR TENDER		

TIES ARRANGEMENTS									
NORMAL TIES (N) c/c	8# @ 175 c/c	8# @ 175 c/c	8# @ 175 c/c	8# @ 175 c/c	8# @ 175 c/c	8# @ 175 c/c	8# @ 175 c/c	8# @ 175 c/c	8# @ 175 c/c
SPECIAL CONFINING TIES (S) c/c	8# @ 100 c/c	8# @ 100 c/c	8# @ 100 c/c	8# @ 100 c/c	8# @ 100 c/c	8# @ 100 c/c	8# @ 100 c/c	8# @ 100 c/c	8# @ 100 c/c
THIRD FLOOR LVL TO TERRACE LVL	450 x 230 — 12–12#	450 x 230 — 12–12#	450 x 230 — 6–16# + 6–12#	450 x 230 — 6–16# + 6–12#	450 x 230 — 12–16#	600 x 230 — 14–20#	600 x 230 — 8–25# + 6–20#	600 x 230 — 8–25# + 6–20#	600 x 300 — 8–25# + 8–20#
SECOND FLOOR LVL TO SECOND FLOOR ROOF LVL	450 x 230 — 12–12#	450 x 230 — 6–16# + 6–12#	450 x 230 — 12–16#	450 x 230 — 4–20# + 8–16#	450 x 230 — 6–20# + 6–16#	600 x 230 — 14–20#	650 x 230 — 16–25#	600 x 230 — 14–25#	600 x 300 — 14–25#
FIRST FLOOR LVL TO FIRST FLOOR ROOF LVL	450 x 230 — 12–12#	450 x 230 — 6–16# + 6–12#	450 x 230 — 12–16#	450 x 230 — 8–20# + 6–16#	450 x 230 — 12–20#	600 x 230 — 14–20#	650 x 230 — 16–25#	600 x 230 — 14–25#	600 x 300 — 14–25#
FOUNDATION TO STILT FLOOR ROOF LVL	450 x 300 — 6–20# + 6–16#	450 x 300 — 4–16# + 8–12#	450 x 300 — 12–16#	450 x 300 — 8–20# + 6–16#	450 x 300 — 12–20#	600 x 300 — 14–20#	650 x 300 — 16–25#	600 x 300 — 14–25#	600 x 300 — 14–25#
LEVELS / COLUMN TYPE	C1	C2	C3	C4	C5	C6	C7	C8	C9



DETAIL-01
SPLICE WITH OFFSET DRAWING

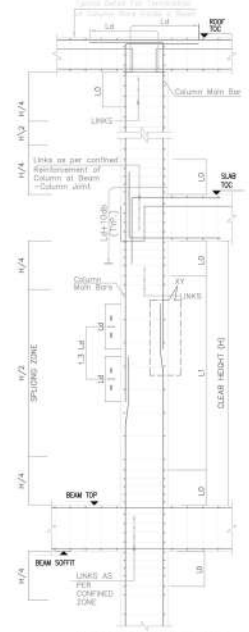


Ld = Development length
U Bars = Special Confining Ties (As per schedule)

THE BEAM BARS SHALL BE CONTINUED INTO THE COLUMNS TO HAVE REQUIRED DEVELOPMENT LENGTH

TYPICAL DETAIL OF A BEAM-COLUMN JUNCTION

SPECIAL NOTES FOR (a):
In IS MAXIMUM OF THE BELOW ONE
1. LARGER DIMENSION OF THE COLUMN
2. 1/6 x h OF THE COLUMN
3. MINIMUM 450mm



TYPICAL COLUMN ELEVATION DETAILS

R.Rajasekaran M.E (Struct)
Structural Engineer (Govt.)
CMDA Reg No:SE/2021/105065
Plot No.15 Door No.64 Tirumagal
5th Street Velachery - 600042
Cell:9940005091

INCIDENT NOTES:
1. FOR FLOOR HEIGHT AND FLOOR LEVELS CROSS CHECK WITH ARCHITECTURAL DRAWINGS
2. FOR LOCATION OF THE BUILDING AND ORIENTATION REFER MASTER PLAN LAYOUT

LEGEND

EL – ELEVATION LVL	FRL – FINISHED ROAD LVL
EGL – EXISTING GROUND LVL	RL – ROAD LVL
FFL – FINISHED FLOOR LVL	FGL – FINISHED GROUND LVL
TOC – TOP OF CONCRETE	BOB – BOTTOM OF BEAM
TOB – TOP OF BEAM	SC – STUFF COLUMN

NOTES:
1. ALL DIMENSIONS ARE IN mm & LEVELS ARE IN METRES U.O.S
2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. DO NOT SCALE THE DRAWINGS
3. EL(±) 0.00m CORRESPONDING TO EL(+)10.00m
4. DRAWING TO BE READ ON CONJUNCTION WITH THE TECHNICAL SPECIFICATIONS
5. GRADE OF CONCRETE FOR ALL RCC ITEMS M30
6. ALL REINFORCEMENT STEEL SHALL BE TMT BARS OF GRADE Fe 500
7. CLEAR COVER FOR FOOTING 50mm, COLUMN 40mm, PLINTH BEAMS 40mm, FLOOR BEAMS 30mm, SLAB 20mm
8. THE STRUCTURE IS DESIGNED FOR STILT + 5 UPPER FLOORS
9. DEVELOPMENT LENGTH/LAP LENGTH FOR REINFORCEMENT BARS SHALL BE 50 x DIA. OF BAR.

Rev.No	Description	Design	Drawn	Checked
R0	For Approval	16.03.2022	16.03.2022	17.03.2022

PROJECT:
Proposed Construction of Residential Building of 83 Dwelling Units Vengambakkam, Chennai-600127

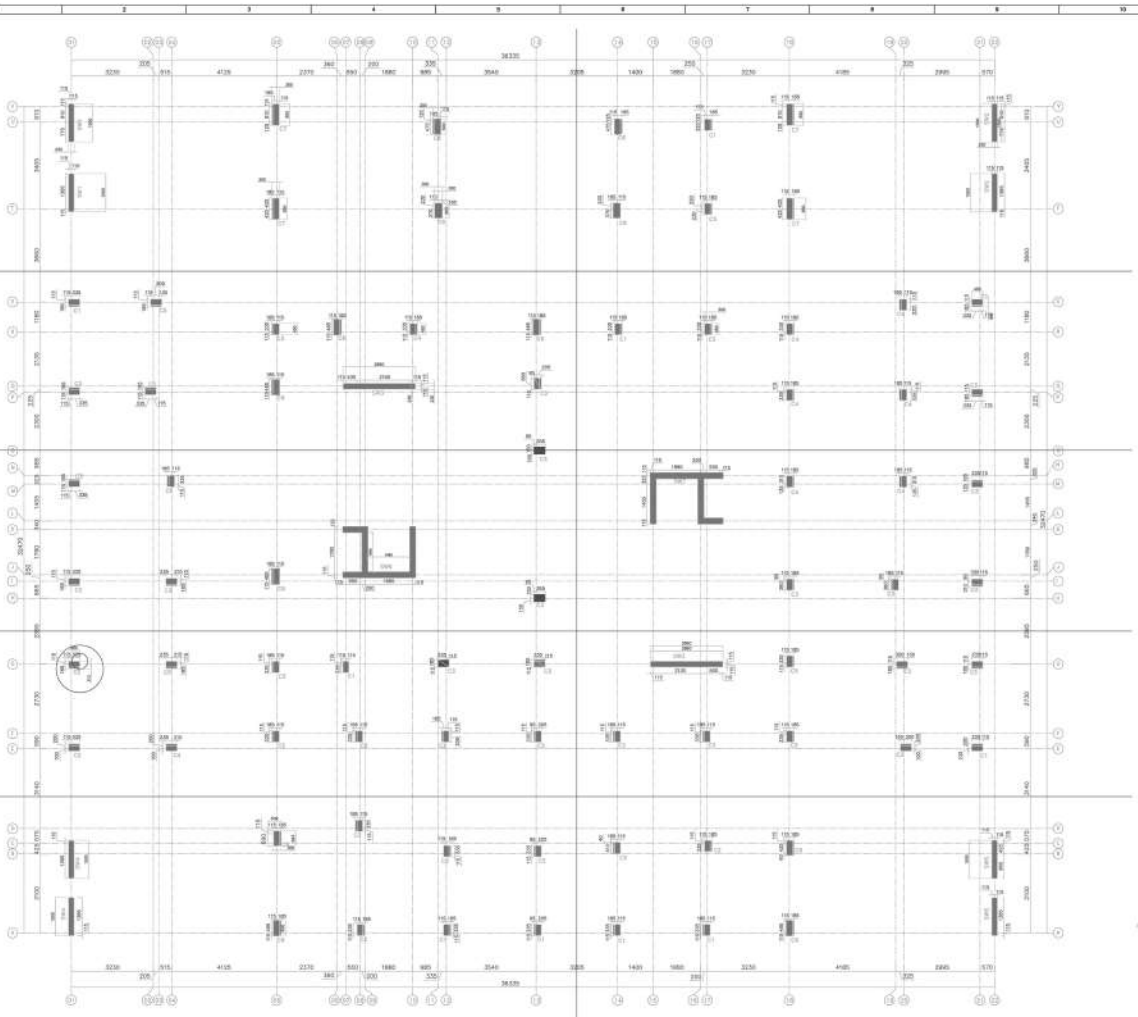
CLIENT:
Vedesh Realtors Pvt ltd
6/11, Mahalingam street
Mahalingapuram, Chennai - 600 034.

STRUCTURAL CONSULTANT:

ARISON CONSULTANCY
Mandaveli, Chennai.
Mobile No: 99439 07091
projects@arisonconsultancy.com

DRAWING TITLE :	SCALE	1:50
COLUMN DETAILS	SIZE A2	REV. R0
DRG NO: 2122002-Vedesh-Vengambakkam-02	Sheet 01 of 01	

RELEASED FOR ☐ APPROVAL ☑ CONSTRUCTION ☐ FOR TENDER



COLUMN LAYOUT

LEGEND

FGL – FIGURED GRADE LVL. FFL – FINISHED FLOOR LVL.
NGL – NATURAL GROUND LVL. RL – ROAD LVL.
PFL – PAVERED FLOOR LVL. EGL – EXISTING GROUND LVL.

NOTES

1. ALL DIMENSIONS ARE IN mm & LEVELS ARE IN METRES U.O.N
2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED, DO NOT SCALE THE DRAWINGS.
3. WELD SYMBOLS CORRESPONDING TO IS:816-2004
4. DRAWINGS TO BE READ IN CONJUNCTION WITH THE TECHNICAL SPECIFICATIONS
5. GRADE OF CONCRETE FOR ALL RCC ITEMS M30
6. ALL REINFORCEMENT STEEL SHALL BE TMT BARS OF GRADE Fy 500
7. THE STRUCTURE IS DESIGNED FOR STILT + 5 UPPER FLOORS
8. CLEAR COVER FOR FOOTING 50mm, COLUMN 40mm, PLINTH BEAMS 40mm, FLOOR BEAMS 25mm, SLAB 20mm
9. DEVELOPMENT LENGTH/LAP LENGTH FOR REINFORCEMENT BARS SHALL BE 50 x DIA. OF BAR

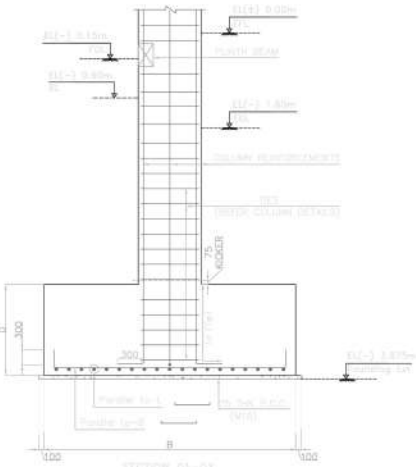
Rev.No	Description	Design	Drawn	Checked
R2	For Approval			

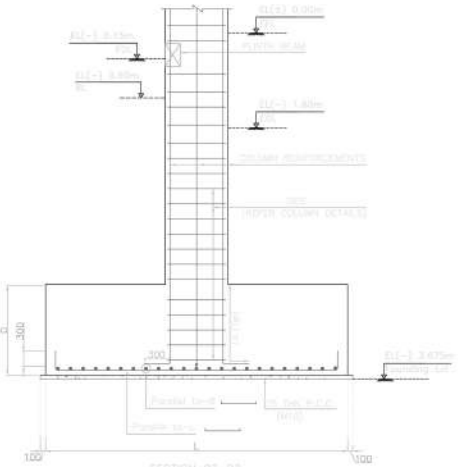
PROJECT:
Proposed Construction of Residential Building of 85 Dwelling Units Vengambakkam, Chennai-600127

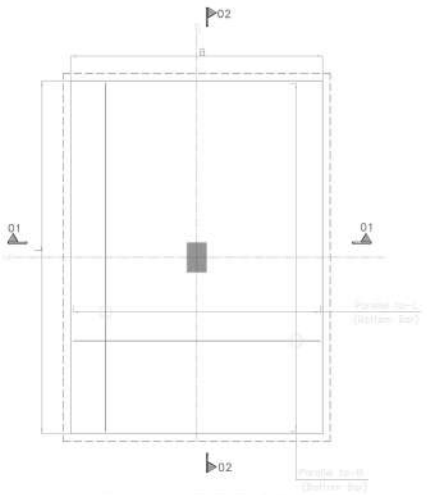
CLIENT:
Vadesh Realtors Pvt ltd
5/11, Mahalingam street
Mahalingapuram, Chennai – 600 034.

STRUCTURAL CONSULTANT:
ARSON CONSULTANCY
Anandnagar, Chennai
Mobile No: 99430 37091
projects@arsonconsultancy.com

DRAWING TITLE	SCALE	1:0
COLUMN LAYOUT	SIZE A1	REV. R2
DRG NO: 212002-Vadesh-Vengambakkam-01	Sheet 01 of 01	
RELEASED FOR	☐ APPROVAL ☑ CONSTRUCTION ☐ FOR TENDER	







TYPICAL ISOLATED FOOTING LAYOUT

SCHEDULE OF FOOTINGS

Sl. No.	FOOTING TYPE	FOOTING DIMENSION			BOTTOM REINFORCEMENT DETAILS	
		L	B	D	Parallel to-L	Parallel to-B
1.	F1	1900	1400	550	12# @ 100mm C/C	12# @ 100mm C/C
2.	F2	2100	1500	600	12# @ 100mm C/C	12# @ 100mm C/C
3.	F3	2300	1800	650	12# @ 100mm C/C	12# @ 100mm C/C
4.	F4	2900	2300	750	12# @ 100mm C/C	12# @ 100mm C/C
5.	F5	3000	2400	800	12# @ 100mm C/C	12# @ 100mm C/C
6.	F6	4360	2030	800	16# @ 100mm C/C	16# @ 100mm C/C

LEGEND

EL – ELEVATION LVL
ESL – EXISTING GROUND LVL
FFL – FINISHED FLOOR LVL
TOC – TOP OF CONCRETE
TOB – TOP OF BEAM
FRL – FINISHED ROAD LVL
RL – ROAD LVL
TOS – TOP OF SLAB
BOB – BOTTOM OF BEAM

NOTES:

1. ALL DIMENSIONS ARE IN mm & LEVELS ARE IN METRES U.O.S
2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. DO NOT SCALE THE DRAWINGS
3. EGL(+) 0.00m CORRESPONDING TO EL(+)0.00m
4. DRAWING TO BE READ ON CONJUNCTION WITH THE TECHNICAL SPECIFICATIONS
5. GRADE OF CONCRETE FOR ALL RCC ITEMS M30
6. ALL REINFORCEMENT STEEL SHALL BE TMT BARS OF GRADE Fe 500
7. CLEAR COVER FOR FOOTING 25mm, COLUMN 40mm, PLINTH BEAMS 40mm, FLOOR BEAMS 30mm, SLAB 20mm
8. THE STRUCTURE IS DESIGNED FOR STILT + 5 UPPER FLOORS
9. DEVELOPMENT LENGTH/LAP LENGTH FOR REINFORCEMENT BARS SHALL BE 50 x DIA. OF BAR

Rev.No	Description	Design	Drawn	Checked
R0	For Approval	16.03.2022	16.03.2022	17.03.2022

PROJECT:

Proposed Construction of Residential Building of 83 Dwelling Units Vengambakkam, Chennai-600127

CLIENT:

Vedesh Realtors Pvt ltd
6/11, Mahalingam street
Mahalingapuram, Chennai - 600 034.

STRUCTURAL CONSULTANT:

ARISON CONSULTANCY
Mandaveli, Chennai.
Mobile No: 99439 07091
projects@arisonconsultancy.com

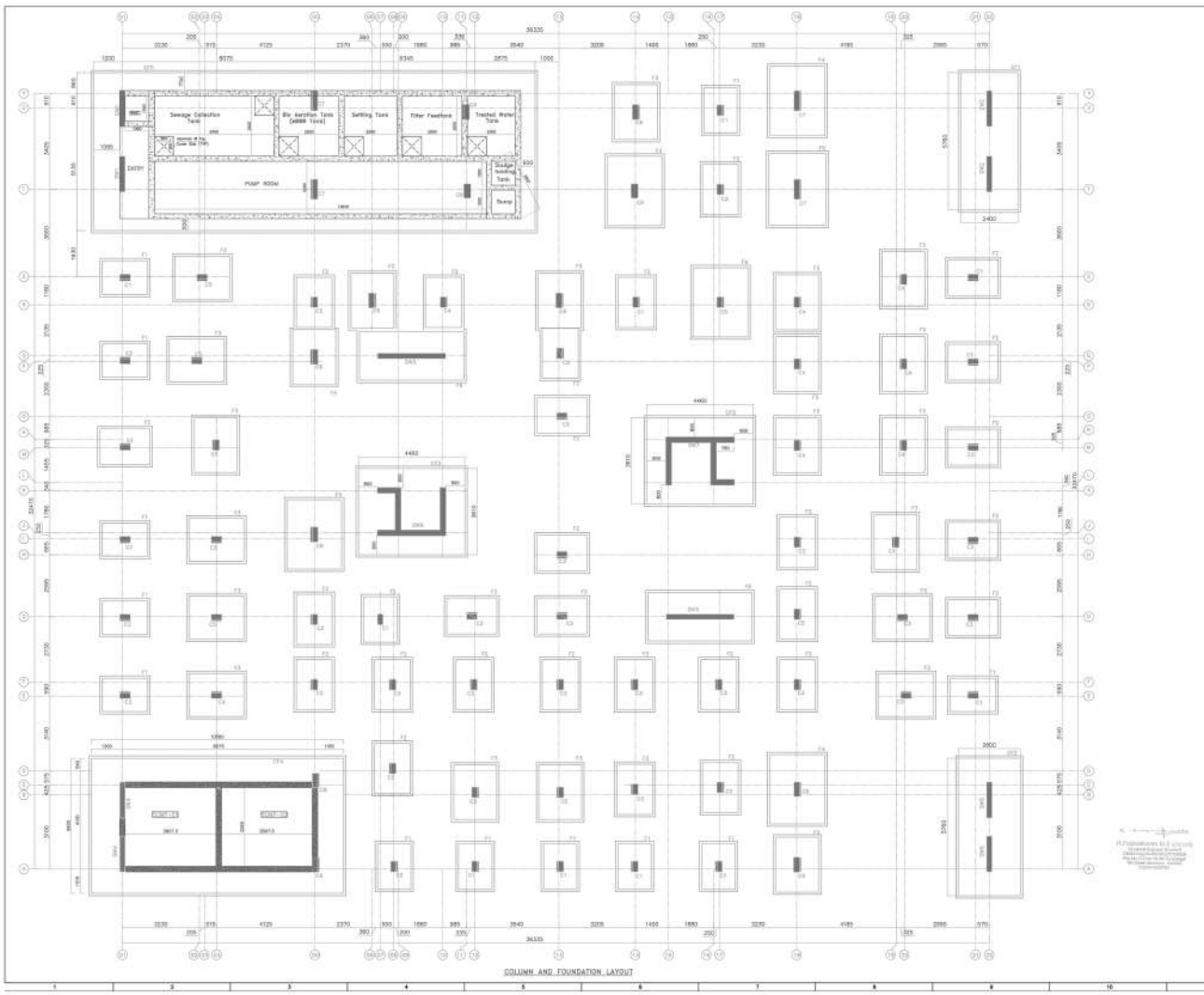
DRAWING TITLE :

TYPICAL ISOLATED FOOTING DETAILS

SCALE 1:50
SIZE A2
REV. R0

DRG NO: 2122002-Vedesh-Vengambakkam-06 Sheet 01 of 01

RELEASED FOR ☐ APPROVAL ☑ CONSTRUCTION ☐ FOR TENDER



COLUMN AND FOUNDATION LAYOUT

NOTES

1. ALL DIMENSIONS ARE IN mm & LEVELS ARE IN METRES U.O.S
2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED DO NOT SCALE THE DRAWINGS
3. GRADE SLAB: REFERENCE TO S.E.(S) DESIGN
4. DRAWING TO BE READ IN CONJUNCTION WITH THE TECHNICAL SPECIFICATIONS
5. GRADE OF CONCRETE FOR ALL RCC ITEMS M30
6. ALL REINFORCEMENT STEEL SHALL BE TMT BARS OF GRADE Fe 500
7. THE STRUCTURE IS DESIGNED FOR G+1 + O LOFTED FLOORS
8. CLEAR COVER FOR FOOTING 50mm, COLUMN 40mm, PLINTH BEAMS 40mm, FLOOR BEAMS 30mm, SLAB 20mm
9. DEVELOPMENT LENGTH/LAP LENGTH FOR REINFORCEMENT BARS SHALL BE 50 x Dia. OF BAR

Rev.No.	Description	Design	Drawn	Checked
00	For Approval			

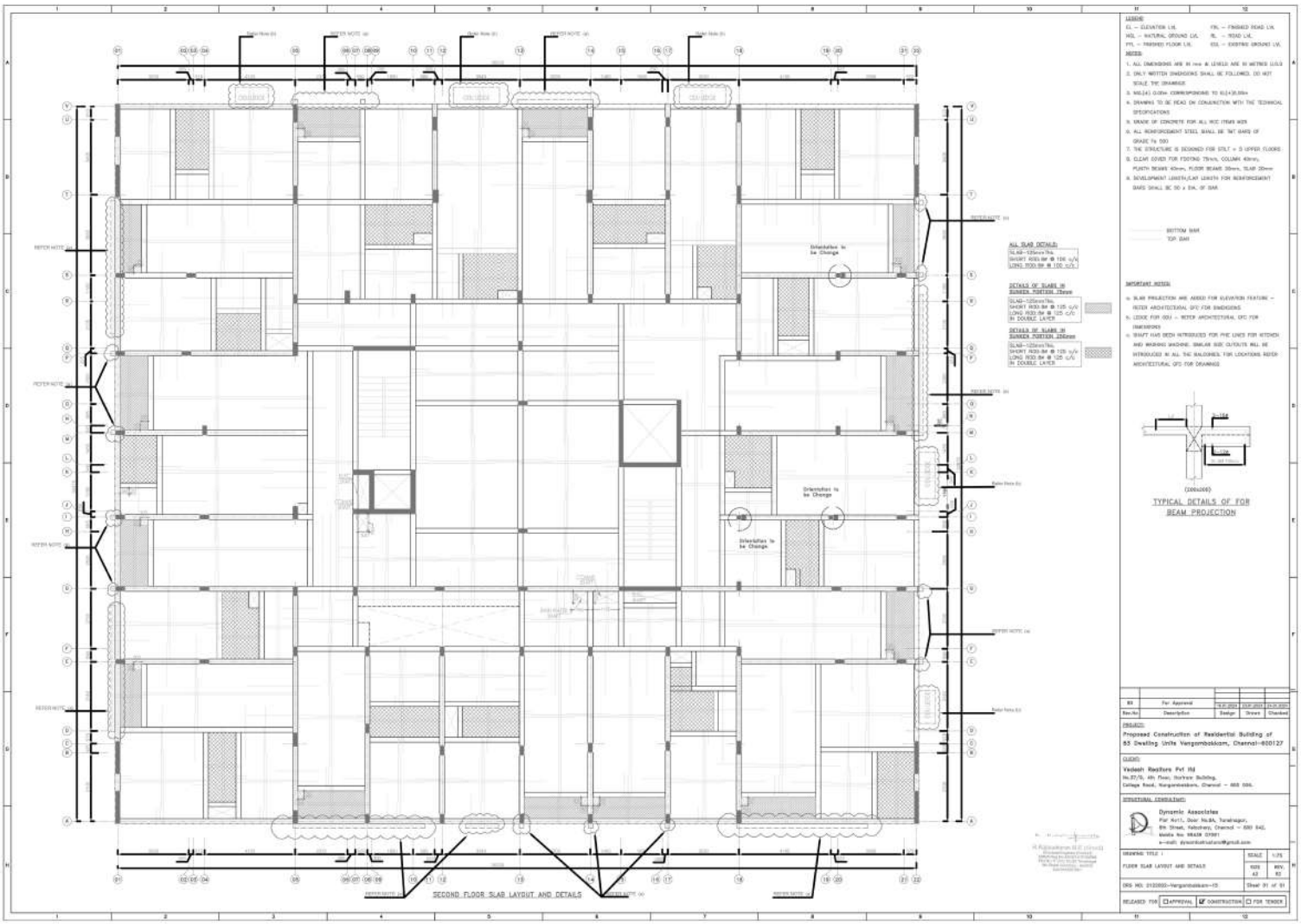
PROJECT:
Proposed Construction of Residential Building of 83 Dwelling Units Vengambakkam, Chennai-600127

CLIENT:
Vedesh Realtors Pvt ltd
6/11, Ashtalingam street
Ashtalingapuram, Chennai – 600 034.

STRUCTURAL CONSULTANT:
ARISON CONSULTANCY
Mandaveli, Chennai.
Mobile No: 99405 07081
projects@arisonconsultancy.com

DRAWING TITLE :	SCALE	N.S
COLUMN AND FOUNDATION LAYOUT	SIZE: A1	REV: 00
DRG NO: E12300E2-Vedesh-Vengambakkam-00	Sheet 01 of 01	

RELEASED FOR: ☐ APPROVAL ☑ CONSTRUCTION ☐ FOR TENDER



SECOND FLOOR SLAB LAYOUT AND DETAILS

LEGEND

EL – ELEVATION LVL
NGL – NATURAL GROUND LVL
FFL – FINISHED FLOOR LVL
FRL – FINISHED ROAD LVL
RL – ROAD LVL
EGL – EXISTING GROUND LVL

NOTES:

1. ALL DIMENSIONS ARE IN mm & LEVELS ARE IN METRES (LSD)
2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. DO NOT SCALE THE DRAWINGS
3. M30.(41.0)30+ CORRESPONDING TO 41+30.00m
4. DRAWING TO BE READ ON CONJUNCTION WITH THE TECHNICAL SPECIFICATIONS
5. GRADE OF CONCRETE FOR ALL RCC ITEMS M25
6. ALL REINFORCEMENT STEEL SHALL BE TMT BARS OF GRADE Fe 500
7. THE STRUCTURE IS DESIGNED FOR STILT + 5 UPPER FLOORS
8. CLEAR COVER FOR FOOTING 75mm, COLUMN 40mm, PLINTH BEAMS 40mm, FLOOR BEAMS 30mm, SLAB 20mm
9. DEVELOPMENT LENGTH/LAP LENGTH FOR REINFORCEMENT BARS SHALL BE 50 x DIA. OF BAR

BOTTOM BAR
TOP BAR

ALL SLAB DETAILS:
SLAB-125mm Thk.
SHORT R20-8M @ 100 c/c
LONG R20-8M @ 100 c/c

DETAILS OF SLABS IN SUNKEN PORTION 75mm
SLAB-125mm Thk.
SHORT R20-8M @ 125 c/c
LONG R20-8M @ 125 c/c
IN DOUBLE LAYER

DETAILS OF SLABS IN SUNKEN PORTION 250mm
SLAB-125mm Thk.
SHORT R20-8M @ 125 c/c
LONG R20-8M @ 125 c/c
IN DOUBLE LAYER

IMPORTANT NOTES

a. SLAB PROJECTION ARE ADDED FOR ELEVATION FEATURE – REFER ARCHITECTURAL DFC FOR DIMENSIONS
b. LEDGE FOR ODU – REFER ARCHITECTURAL DFC FOR DIMENSIONS
c. SHAFT HAS BEEN INTRODUCED FOR PVC LINES FOR KITCHEN AND WASHING MACHINE. SIMILAR SIZE OUTLETS WILL BE INTRODUCED IN ALL THE BALCONIES. FOR LOCATIONS REFER ARCHITECTURAL DFC FOR DRAWINGS

TYPICAL DETAILS OF FOR BEAM PROJECTION

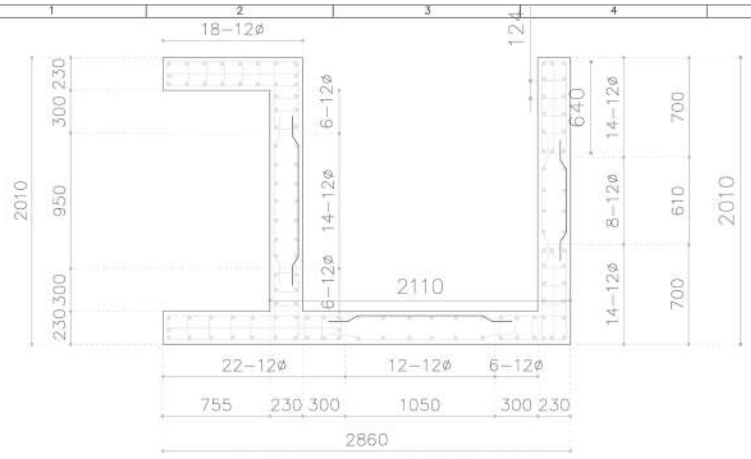
Rev.No	Description	Design	Drawn	Checked
03	For Approval	14.01.2021	15.01.2021	15.01.2021

PROJECT:
Proposed Construction of Residential Building of 85 Dwelling Units Vanganbakkam, Chennai-600127

CLIENT:
Vadesh Realtors Pvt ltd
No.37/6, 4th Floor, Ashtree Building,
College Road, Nungambakkam, Chennai – 600 006.

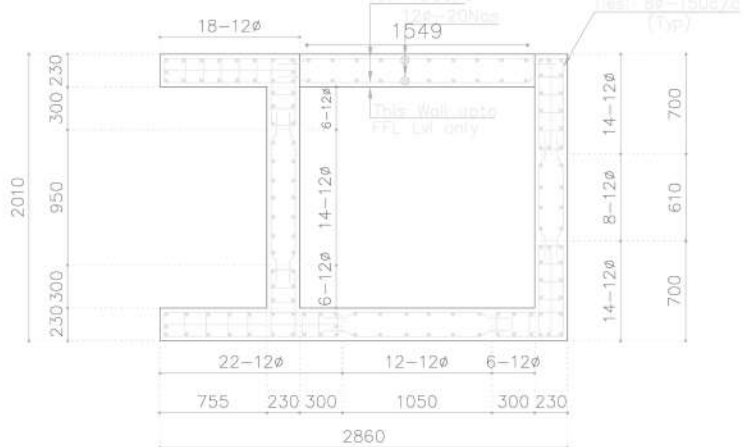
STRUCTURAL CONSULTANT:
Dynamic Associates
Par No11, Door No.8A, Tarakrajan,
8th Street, Velachery, Chennai – 600 042.
Mobile No: 98409 03981
e-mail: dynamicstructures@gmail.com

DRAWING TITLE : FLOOR SLAB LAYOUT AND DETAILS	SCALE 1:75
	SIZE A3
	REV. R2
DRG NO: 2120000-Vanganbakkam-15	Sheet 91 of 91
RELEASED FOR: ☐ APPROVAL ☑ CONSTRUCTION ☐ FOR TENDER	



DETAILS OF LIFT WALL–SW6 & SW7

(SECOND FLOOR TO TERRACE LVL)



DETAILS OF LIFT WALL–SW6 & SW7

(FOUNDATION TO SECOND FLOOR LVL)

LEGEND

EL – ELEVATION LVL	FRL – FINISHED ROAD LVL
EGL – EXISTING GROUND LVL	RL – ROAD LVL
FFL – FINISHED FLOOR LVL	FTL – FINISHED GROUND LVL
TOC – TOP OF CONCRETE	BOB – BOTTOM OF BEAM
TOB – TOP OF BEAM	SC – STUFF COLUMN

NOTES:

1. ALL DIMENSIONS ARE IN mm & LEVELS ARE IN METRES U.O.S
2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. DO NOT SCALE THE DRAWINGS
3. EGL(±) 0.00m CORRESPONDING TO EL(+)0.00m
4. DRAWING TO BE READ ON CONJUNCTION WITH THE TECHNICAL SPECIFICATIONS
5. GRADE OF CONCRETE FOR ALL RCC ITEMS M30
6. ALL REINFORCEMENT STEEL SHALL BE TMT BARS OF GRADE Fe 500
7. CLEAR COVER FOR FOOTING 50mm, COLUMN 40mm, PLINTH BEAMS 40mm, FLOOR BEAMS 30mm, SLAB 20mm
8. THE STRUCTURE IS DESIGNED FOR STILT + 5 UPPER FLOORS
9. DEVELOPMENT LENGTH/LAP LENGTH FOR REINFORCEMENT BARS SHALL BE 50 x DIA. OF BAR

IMPORTANT NOTES:

1. FOR FLOOR HEIGHT AND FLOOR LEVELS CROSS CHECK WITH ARCHITECTURAL DRAWINGS
2. FOR LOCATION OF THE BUILDING AND ORIENDATION REFER MASTER PLAN LAYOUT.

Rev.No	Description	Design	Drawn	Checked
R0	For Approval	15.03.2022	16.03.2022	17.03.2022

PROJECT:

Proposed Construction of Residential Building of 83 Dwelling Units Vengambakkam, Chennai–600127

CLIENT:

Vedesh Realtors Pvt ltd
6/11, Mahalingam street
Mahalingapuram, Chennai – 600 034.

STRUCTURAL CONSULTANT:

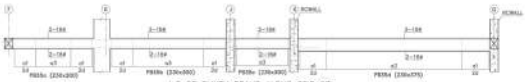
ARISON CONSULTANCY
Mandaveli, Chennai.
Mobile No: 99439 07091
projects@arisonconsultancy.com

DRAWING TITLE :	SCALE	1:150
RCC WALL DETAILS – SW6 and SW7	SIZE A2	REV. R0
DRG NO: 2122002–Vedesh–Vengambakkam–04	Sheet 01 of 01	

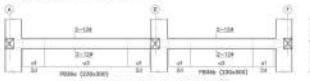
RELEASED FOR ☐ APPROVAL ☑ CONSTRUCTION ☐ FOR TENDER



L.S OF PLINTH BEAMS ALONG GRID 05



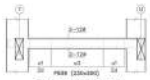
L.S OF PLINTH BEAMS ALONG GRID 07



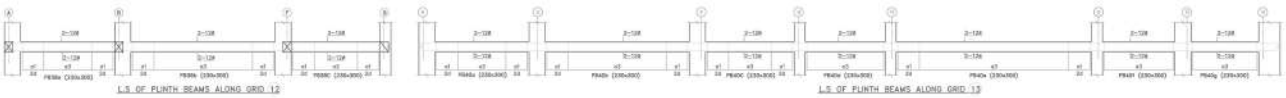
L.S OF PLINTH BEAMS ALONG GRID 08



L.S OF PLINTH BEAMS ALONG GRID 10

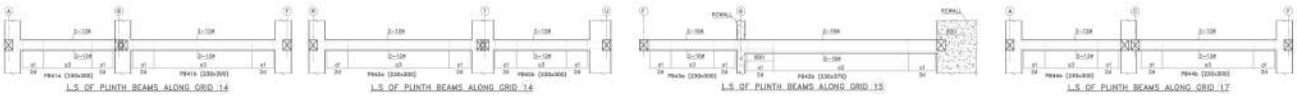


L.S OF PLINTH BEAMS ALONG GRID 11



L.S OF PLINTH BEAMS ALONG GRID 12

L.S OF PLINTH BEAMS ALONG GRID 13

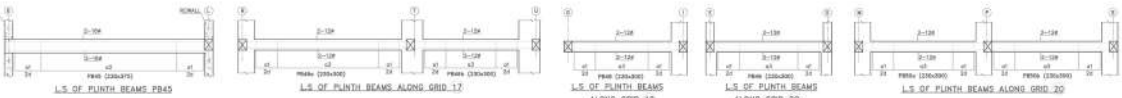


L.S OF PLINTH BEAMS ALONG GRID 14

L.S OF PLINTH BEAMS ALONG GRID 14

L.S OF PLINTH BEAMS ALONG GRID 15

L.S OF PLINTH BEAMS ALONG GRID 17



L.S OF PLINTH BEAMS PB45

L.S OF PLINTH BEAMS ALONG GRID 17

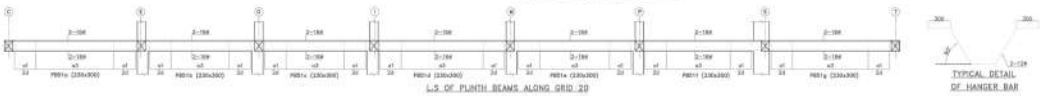
L.S OF PLINTH BEAMS ALONG GRID 19

L.S OF PLINTH BEAMS ALONG GRID 20

L.S OF PLINTH BEAMS ALONG GRID 20

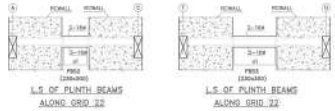


L.S OF PLINTH BEAMS ALONG GRID 18



L.S OF PLINTH BEAMS ALONG GRID 20

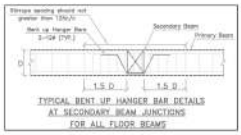
TYPICAL DETAIL OF HANGER BAR



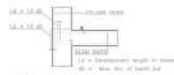
L.S OF PLINTH BEAMS ALONG GRID 22

L.S OF PLINTH BEAMS ALONG GRID 22

TYPICAL DETAIL OF STIRRUPS



TYPICAL BENT UP HANGER BAR DETAILS AT SECONDARY BEAM JUNCTIONS FOR ALL FLOOR BEAMS



TYPICAL ANCHORAGE OF BEAM BARS IN AN EXTERNAL JOINT

R2	For Approval	12.01.2022	10.01.2022	12.01.2022
Rev.No	Description	Design	Drawn	Checked

PROJECT:

Proposed Construction of Residential Building of 85 Dwelling Units Vengambakkam, Chennai-600127

CLIENT:

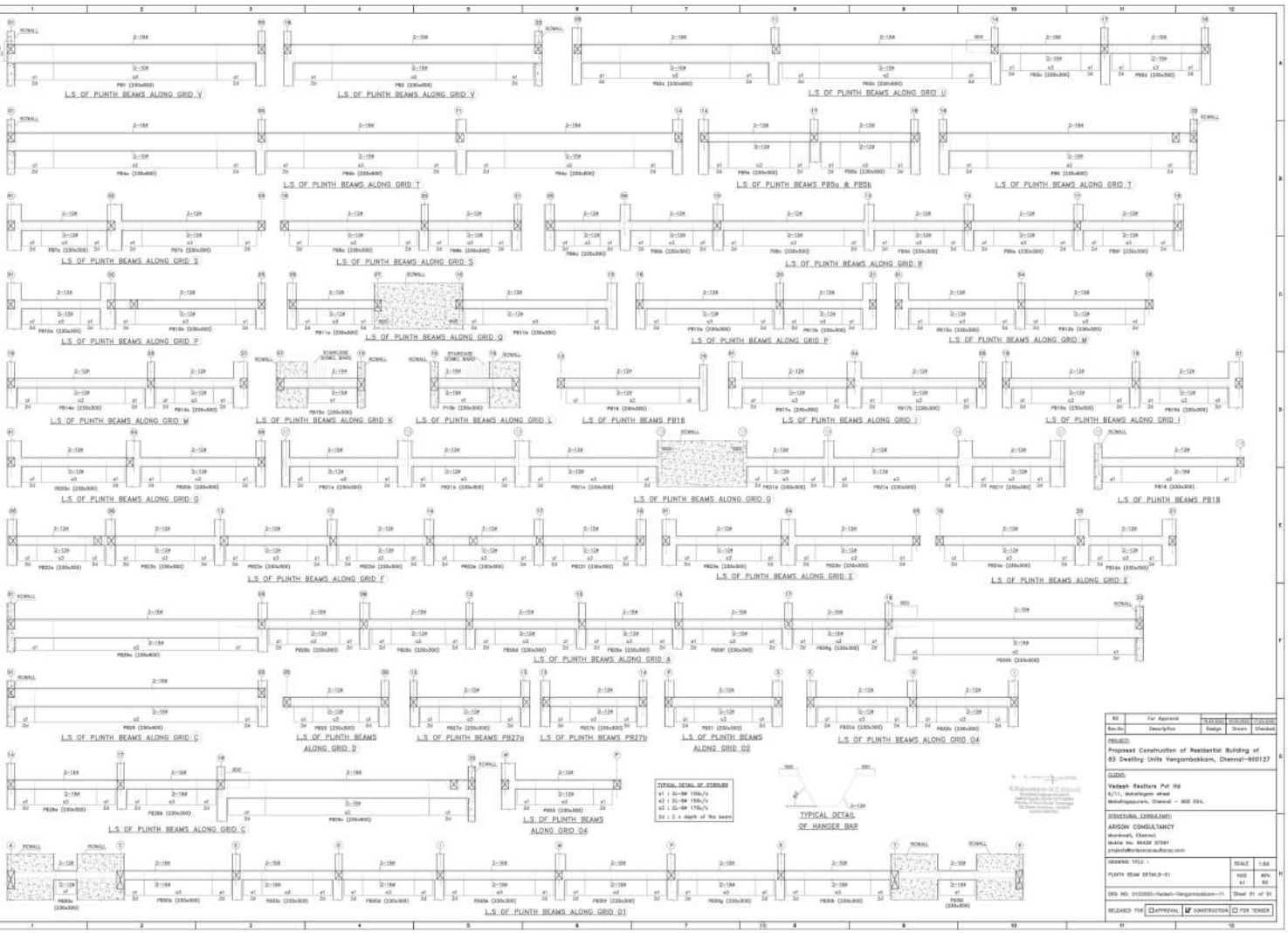
Vadesh Realtors Pvt ltd
9/11, Mahalingam street
Mahalingapuram, Chennai - 600 034.

STRUCTURAL CONSULTANT:

ARISON CONSULTANCY
Anandavel, Chennai
Mobile No: 99430 37091
projects@arisonconsultancy.com

DRAWING TITLE	SCALE	1:50
PLINTH BEAM DETAILS-02	SIZE: A1	REV: R2
DRG NO: 2120002-Vadesh-Vengambakkam-12	Sheet 31 of 51	

RELEASED FOR: ☐ APPROVAL ☑ CONSTRUCTION ☐ FOR TENDER



R2	For Approval	18.04.2022	19.04.2022	19.04.2022
Rev.No	Description	Design	Drawn	Checked

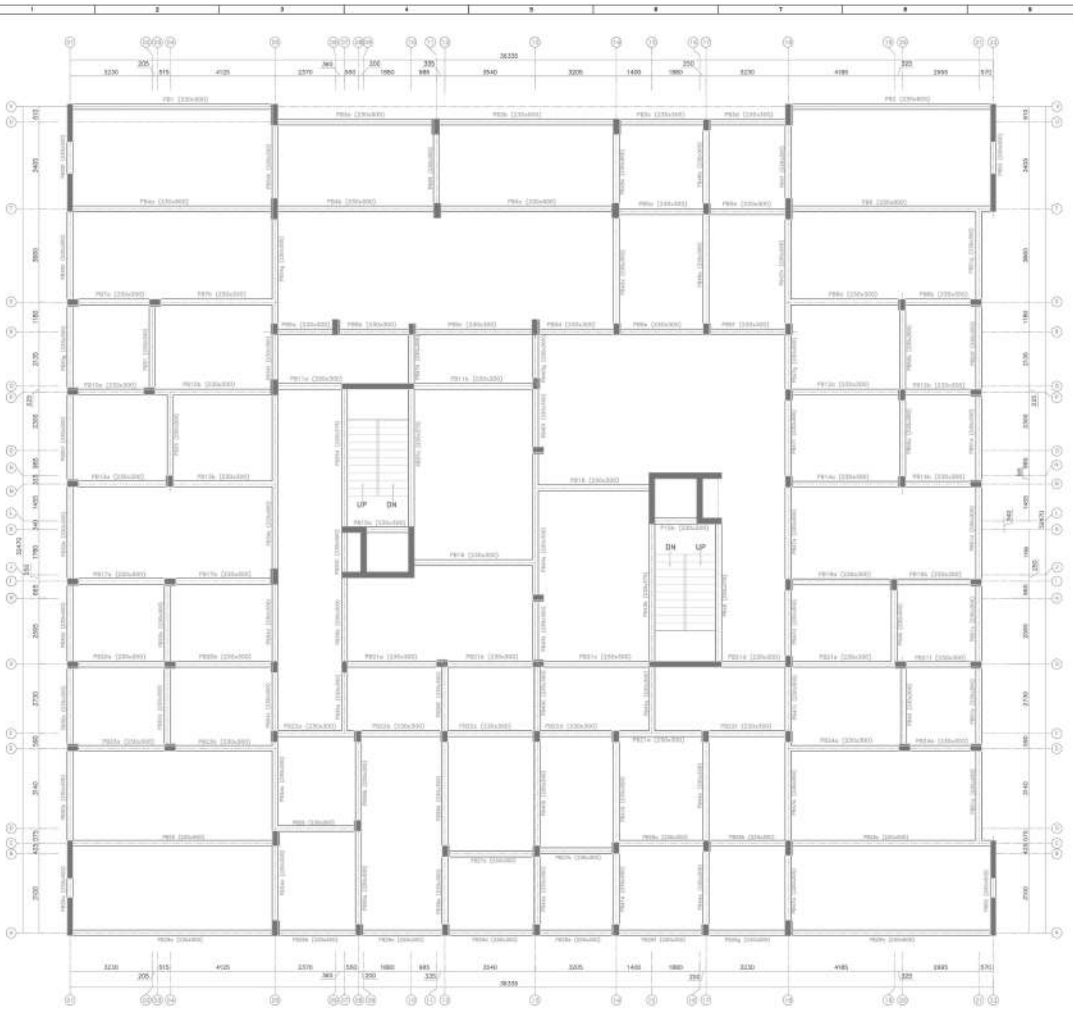
PROJECT:
Proposed Construction of Residential Building of 65 Dwelling Units Vengambakkam, Chennai-600127

CLIENT:
Vedesh Realtors Pvt ltd
5/11, Mahalingam street
Mahalingapuram, Chennai - 600 034.

STRUCTURAL CONSULTANT:
ARSON CONSULTANCY
Mandaveli, Chennai
Mobile No: 99430 37091
projects@arsonconsultancy.com

DRAWING TITLE	SCALE	1:50
PLINTH BEAM DETAILS-01	FOR APPROVAL	REV. R2
DRG NO: 2122002-Vedesh-Vengambakkam-11	Sheet 01 of 01	

RELEASED FOR: ☐ APPROVAL ☑ CONSTRUCTION ☐ FOR TENDER



PLINTH BEAM LAYOUT

LEGEND

GL – GUIDELINE LVL
NGL – NATURAL GROUND LVL
FFL – FINISHED FLOOR LVL
FGL – FINISHED ROAD LVL
RL – ROAD LVL
SSC – EXISTING GROUND LVL

NOTES:

1. ALL DIMENSIONS ARE IN mm & LEVELS ARE IN METRES U.O.N
2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED, DO NOT SCALE THE DRAWINGS.
3. WALL/ SLAB CORRESPONDING TO SLV-SLSW
4. DRAWINGS TO BE READ IN CONJUNCTION WITH THE TECHNICAL SPECIFICATIONS
5. GRADE OF CONCRETE FOR ALL RCC ITEMS M30
6. ALL REINFORCEMENT STEEL SHALL BE TMT BARS OF GRADE Fy 500
7. THE STRUCTURE IS DESIGNED FOR STILT + 5 UPPER FLOORS
8. CLEAR COVER FOR FOOTING 75mm, COLUMN 40mm, PLINTH BEAMS 40mm, FLOOR BEAMS 25mm, SLAB 20mm
9. DEVELOPMENT LENGTH/LAP LENGTH FOR REINFORCEMENT BARS SHALL BE 50 x DIA. OF BAR

Rev.No	Description	Design	Drawn	Checked
R2	For Approval			

PROJECT:
Proposed Construction of Residential Building of 85 Dwelling Units Vengambakkam, Chennai-600127

CLIENT:
Vadesh Realtors Pvt ltd
5/11, Mahalingam street
Mahalingapuram, Chennai – 600 034.

STRUCTURAL CONSULTANT:
ARISON CONSULTANCY
Mandaveli, Chennai
Mobile No: 99438 37091
projects@arisonconsultancy.com

DRAWING TITLE: PLINTH BEAM LAYOUT

SCALE: 1:75
REV. NO: R2

DRS NO: 2120002-Vadesh-Vengambakkam-10 Sheet 91 of 91

RELEASED FOR: ☐ APPROVAL ☑ CONSTRUCTION ☐ FOR TENDER

TIES ARRANGEMENTS		
NORMAL TIES (N) c/c	8ø @ 175 c/c	8ø @ 175 c/c
SPECIAL CONFINING TIES (S) c/c	8ø @ 100 c/c	8ø @ 100 c/c
THIRD FLOOR LVL TO TERRACE LVL	1500, 230, = 26–16ø	2860, 230, = 34–16ø
SECOND FLOOR LVL TO SECOND FLOOR ROOF LVL	1500, 230, = 14–20ø = 12–16ø	2860, 230, = 34–16ø
FIRST FLOOR LVL TO FIRST FLOOR ROOF LVL	1500, 230, = 26–20ø	2860, 230, = 34–16ø
FOUNDATION TO STILT FLOOR ROOF LVL	1500, 230, = 26–20ø	2860, 230, = 34–16ø
LEVELS / COLUMN TYPE	SW1, SW2, SW4 & SW5	SW3

LEGEND

EL – ELEVATION LVL	FRL – FINISHED ROAD LVL
EGL – EXISTING GROUND LVL	RL – ROAD LVL
FFL – FINISHED FLOOR LVL	FTL – FINISHED GROUND LVL
TOC – TOP OF CONCRETE	BOB – BOTTOM OF BEAM
TOB – TOP OF BEAM	SC – STUFF COLUMN

NOTES:

1. ALL DIMENSIONS ARE IN mm & LEVELS ARE IN METRES U.O.S.
2. ONLY WRITTEN DIMENSIONS SHALL BE FOLLOWED. DO NOT SCALE THE DRAWINGS
3. EGL(+) 0.00m CORRESPONDING TO EL(+)10.00m
4. DRAWING TO BE READ ON CONJUNCTION WITH THE TECHNICAL SPECIFICATIONS
5. GRADE OF CONCRETE FOR ALL RCC ITEMS M30
6. ALL REINFORCEMENT STEEL SHALL BE TMT BARS OF GRADE Fe 500
7. CLEAR COVER FOR FOOTING 50mm, COLUMN 40mm, PLINTH BEAMS 40mm, FLOOR BEAMS 30mm, SLAB 20mm
8. THE STRUCTURE IS DESIGNED FOR STILT + 9 UPPER FLOORS
9. DEVELOPMENT LENGTH/LAP LENGTH FOR REINFORCEMENT BARS SHALL BE 50 x DIA. OF BAR

IMPORTANT NOTES:

1. FOR FLOOR HEIGHT AND FLOOR LEVELS CROSS CHECK WITH ARCHITECTURAL DRAWINGS
2. FOR LOCATION OF THE BUILDING AND ORIENTATION REFER MASTER PLAN LAYOUT.

Rev.No	Description	Design	Drawn	Checked
R0	For Approval	16.03.2022	16.03.2022	17.03.2022

PROJECT:

Proposed Construction of Residential Building of 83 Dwelling Units Vengambakkam, Chennai-600127

CLIENT:

Vedesh Realtors Pvt ltd
6/11, Mahalingam street
Mahalingapuram, Chennai – 600 034.

STRUCTURAL CONSULTANT:

ARISON CONSULTANCY
Mandaveli, Chennai.
Mobile No: 99439 07091
projects@arisonconsultancy.com

DRAWING TITLE : RCC WALL DETAILS – SW1 TO SW5	SCALE	1:50
	SIZE A2	REV. R0
DRG NO: 2122002-Vedesh-Vengambakkam-03	Sheet 01 of 01	

RELEASED FOR ☐ APPROVAL ☑ CONSTRUCTION ☐ FOR TENDER



our services doesn't just end there

Buying & Selling Services

Property Buying Assistance, Property Selling Support, Market Price Analysis, Owner Outreach and Negotiation.

Legal & Documentation Services

Certified EC, Patta, legal opinions, property verification, due diligence, litigation solutions, and legal heir certificates.

Property Development & Approvals

Building plan approvals, construction, layout and sub-division approvals, zone conversion, and occupancy certification.

NRI & Investment Services

Escrow Services, Rentals, Litigation Solutions, Property Valuation and Property Management

Compliance & Special Services

Demolition, Vaasthu checks, regularization of unauthorized buildings, and office space solutions.



empowering your real estate decisions with smart tools

Property Valuation & Cost Estimation

Guideline Value, Apartment Composite Value, Stamp Duty & Registration Fees Calculator, Building Value Calculator, Capital Gains Calculator, Area Unit Converter, Length Unit Converter

Ownership, Compliance & Legal Verification

Encumbrance Certificate (EC) Search, Find Your SRO, Temple Property Check, WAQF Property Check, View Patta/Chitta, View FMB, Patta Analyzer, EC Analyzer

Zoning & Land Use Analysis

Land Use Zone Finder, CRZ Zone Check, Aquifer Zone Check, CBA Check, EWS Check, Road Width Check, Proposed Road Widening Check, FSI Calculator

Property Documentation & Workflow Tools

Forms & Templates, Document Generator, Document Translation, Dictionary

Vastu & Property Management Tools

Home Vastu Shastra, Plot Vastu Shastra, Property Management

Verified RealEstate™

We're honored to be part of your real estate journey

3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai, India

hello@verified.realestate
+91 9996 12 9996
www.verified.realestate