Verified RealEstate™

RE REGULATORY RECORD

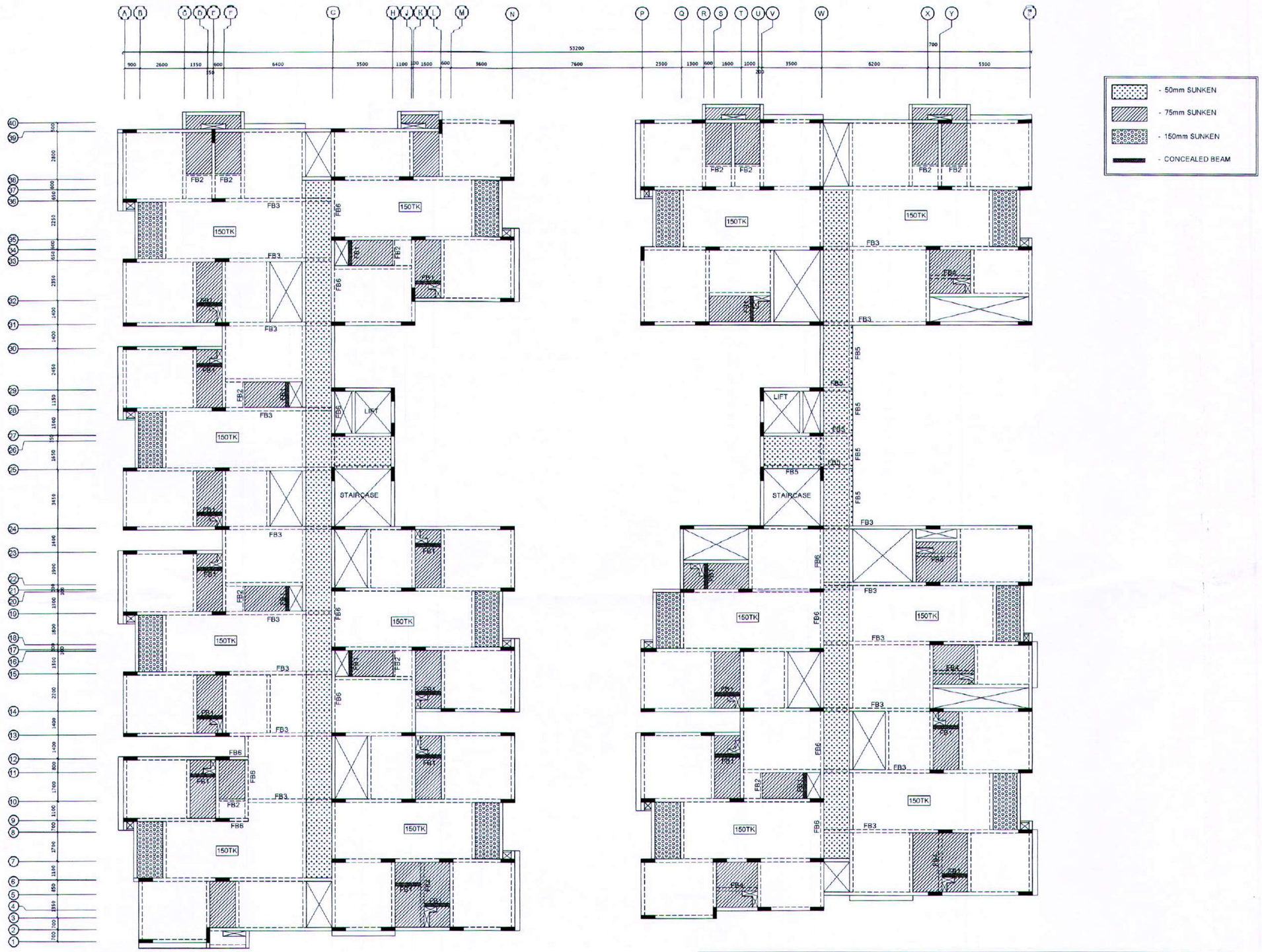
RERA Document

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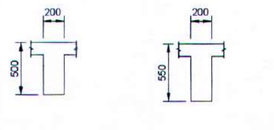
Published for reference. The authority's own register is the operative record.

Verified RealEstate™
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai 600 097, India

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+91 9996 12 9996
verified.realestate



L.S OF FB3



C.S OF FB3
(50 mmBELOW SUNKEN)
(SECTION 1 1)

C.S OF FB3
(SECTION 2 2)

ALL OTHER SLAB THICKNESS ARE 125MM UNLESS OTHERWISE SPECIFIED

BEAM NUMERATION

FB1 = CONCEALED BEAM

FB2 = 

FB4 = 200 X 425(BEOW SUNKEN)

FB5 = 200 X 500(BELOW SUNKEN)

FB6 = 200 X 550

ALL OTHER BEAM SIZES ARE 200mm x 500mm UNLESS OTHERWISE SPECIFIED

NOTES:-

S+5

1. REFER ARCHITECTURAL DRAWING FOR CENTER LINE DIMENSION
2. ONLY WRITTEN DIMENSION TO BE FOLLOWED.
3. ANY DISCREPENCIES NOTICED IN THE DRG. SHALL BE BROUGHT TO OUR NOTICE IMMEDIATELY.
4. THIS DRAWING SHOULD BE READ ALONG WITH ARCHITECTURAL DRAWINGS.
5. GRADE OF CONCRETE SHALL CONFIRM TO IS 456
   (i) M30 FOR COLUMN & SHEAR WALL
   (ii) M25 FOR ALL OTHER R.C.C WORKS
   (iii) M25 FOR PILE WITH MINIMUM CEMENT CONTENT OF 400KG/m^3 (IF RMC M30 GRADE SHOULD USE).
   (iv) GRADE OF CONCRETE FOR P.T BEAM AND P.T SLAB REFER P.T VENDOR DRAWING
6. "Y" DENOTES HIGH STRENGTH DEFORMED BARS OF GRADE FE550 CONFORMING TO IS 1786
7. CLEAR COVER TO THE MAIN STEEL
   50 FOR PILE & PILE CAP
   50 FOR FOOTINGS , RAFT SLABS & RAFT BEAMS.
   40 FOR COLUMNS.
   25 FOR BEAMS & LINTEL.
   20 FOR SLAB & SUNSHADE.
   25 FOR R.C.C WALL
   (a) ALL LAPS IN PILE REINFORCEMENT SHALL BE WELDED TO AN EXTENT OF 10 DIA OF THE BAR (ie 10 DIA WELD ,10DIA GAP AND 10 DIA WELD) OR LAPPED WITH TAC WELDING.
   (b) BOTTOM COVER TO THE REINFORCEMENT CAGE MUST BE 200mm. THE REQUIRED ARRANGEMENT MUST BE DONE INITIALLY.
8. SPACER BAR TO BE PROVIDED IN BETWEEN TWO LAYERS OF REINFORCEMENT OF SAME DIA AT EVERY 1000 C/ C.
9. HOWEVER THE FOLLOWING MINIMUM PERIOD (AFTER FINAL POUR) SHALL BE ALLOWED BEFORE REMOVAL OF SHUTTERING AS PER CLAUSE 11.3.1, IS 456
   A) VERTICAL SIDE SHUTTERING OF COLUMNS,WALLS & BEAMS– 24HOURS
   B) BOTTOM SHUTTERING OF SLABS (KEEPING THE PROPS)– 3 DAYS
   C) BOTTOM SHUTTERING OF BEAMS (KEEPING THE PROPS)– 7 DAYS
   D) PROPS TO SLABS :
   i. SLABS SPANNING UPTO 4.5 M (15'–0") – 7 DAYS
   ii. SLABS SPANNING OVER 4.5 M (15'–0") – 14 DAYS
   E) PROPS TO BEAMS AND ARCHES :
   i. BEAMS AND ARCHES SPANNING UPTO 6 M (20'–0") –14DAYS
   ii. BEAMS AND ARCHGS SPANNING OVER 6 M (20'–0") –21DAYS
   F) CANTILEVER PROPS SHOULD NOT BE RELEASED UNTIL THE ROOF IS CONCRETED.
10). FOR EARTHQUAKE ANALYSIS IS TAKEN AS PER IS : 1893
11). LAP JOINTS FOR REINFORCEMENT BARS :
   i) AT ANY CROSS SECTION OF THE MEMBER,NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED.
   ii) LAPS SHALL BE STAGGERED WITH A MINIMUM CENTRE TO CENTRE DISTANCE
   iii) LAP LENGTH SHALL BE 50 TIMES DIAMETER OF THE BAR FOR TENSION AND COMPRESSION MEMBERS .
   iv) LAPS IN COLUMNS SHALL BE PROVIDED AT MID HEIGHT OF FLOOR AND NOT AT BEAM ,COLUMN JUNCTION
   v) LAPS IN BEAMS AND SLABS SHALL BE PROVIDED PREFERABLY AT POINT OF CONTRAFLEXURE .
12). HOOK LENGTH OF STRRIUPS 10 DIA (> 75mm)
13). BEAM, COLUMN JUNCTION STIRRUPS SPACING SHOULD BE 100mm (OR) 4" UNLESS OTHERWISE SPECIFIED IN THE DRAWING

Revision No	Description of Revision		Date
Date:	23–01–26	Drawn By:	BHUVANA

CLIENT

ARCHITECT

STRUCTURAL CONSULTANT

UNIVERSAL CONSULTANTS
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Dr. J. SURESH, M.E., MIE., Ph.D.
Structural Engineer
Plot No. 555, VGP Layout, Mullai Street,
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Reg. No. SE/I/2024/2/0014
Reg. No. RSE100382019
Regn. No. CCB/STR/SE/G+1/2024/ 07/ 005

PROJECT NAME:

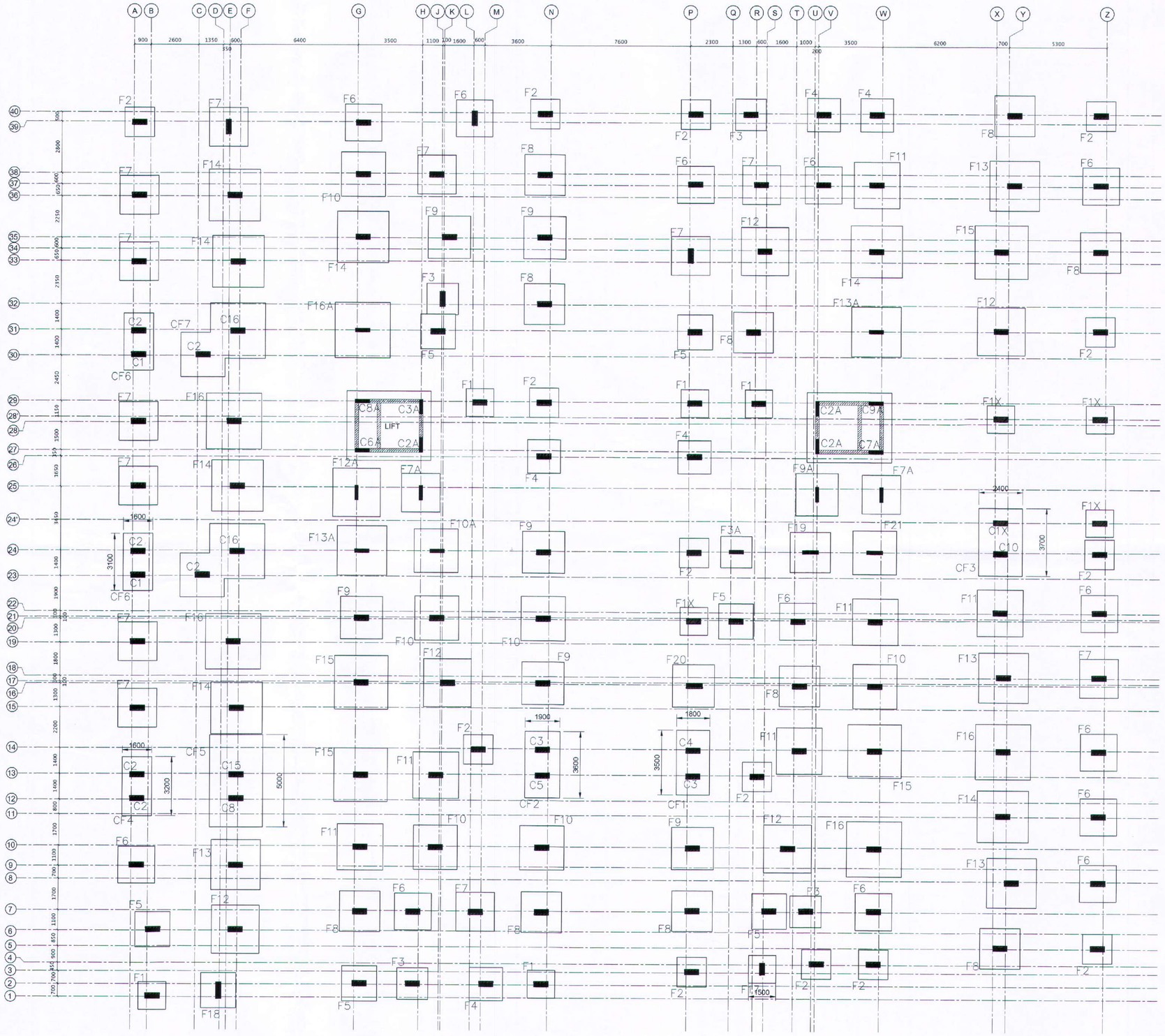
THE PROPOSED CONSTRUCTION OF RESIDENTIAL APARTMENT BUILDING CONSISTING OF COMBINED STILT FLOOR+BLOCK A:1st FLOOR TO 5TH FLOOR RESIDENTIAL BUILDING WITH 35 DWELLING UNITS AND ASSOCIATION ROOM @1st FLOOR LVL (HEIGHT 18.30m): BLOCK B:1st FLOOR TO 5TH FLOOR RESIDENTIAL BUILDING WITH 29 DWELLING UNITS AND GYM @1st FLOOR LVL (HEIGHT 16.30m) totally 64 DWELLING UNITS AT WOOD CREEK COUNTY 15TH CROSS STREET, NANDAMBAKKAM CHENNAI AND COMPRISED IN S.NO.140/3C OF NANDAMBAKKAM VILLAGE,ALANDUR TALUK AND WITHIN THE LIMITS OF GREATER CHENNAI CORPORATION

DWG NO:

UC–1177–PROPOSED RESIDENTIAL APARTMENT FOR ISHA HOMES

DRAWING TITLE :

TYPICAL FLOOR ROOF BEAM LAYOUT



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S+5

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Reg. No. CGLDIST/SE/Gr-I/2024/07/005

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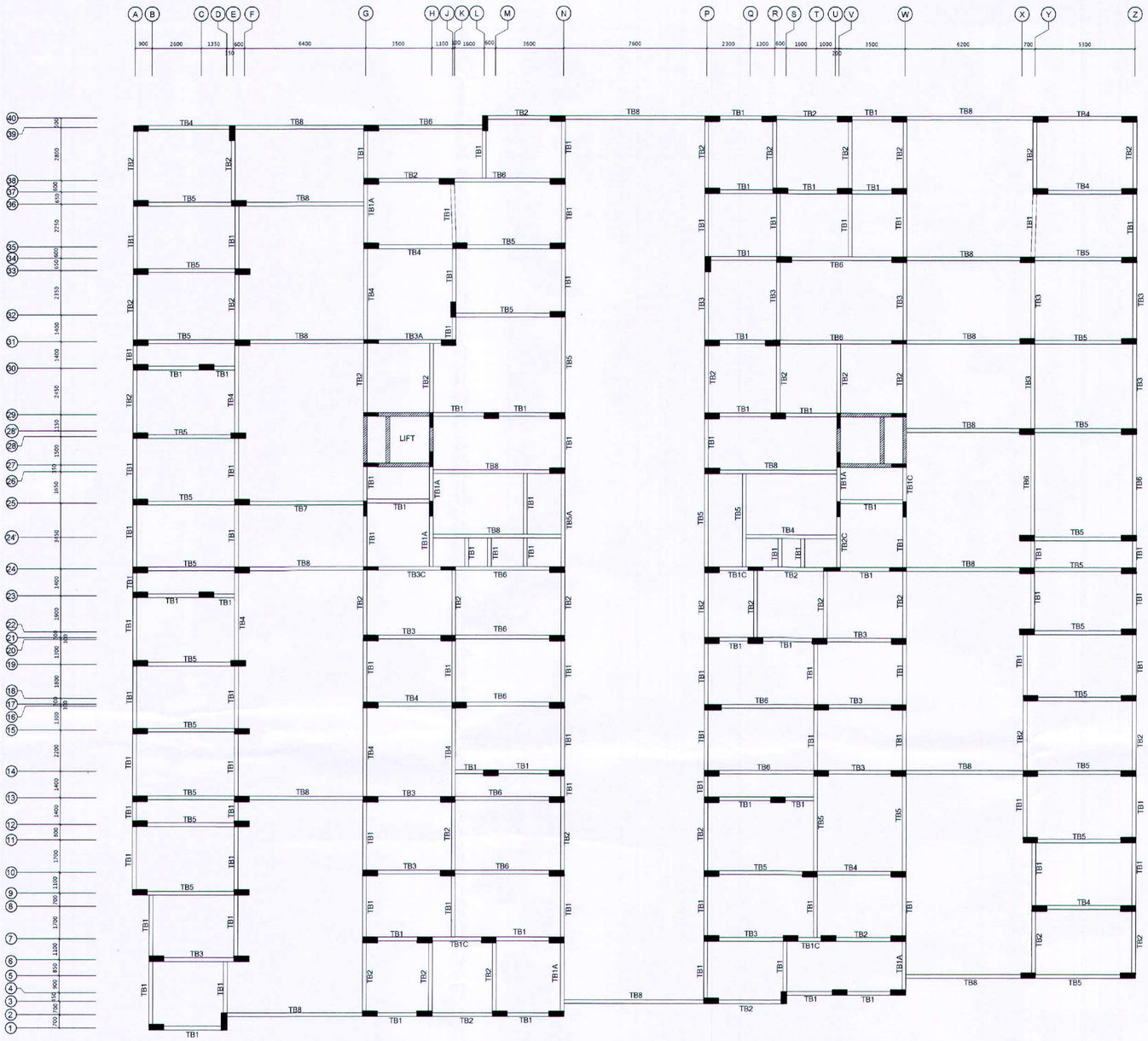
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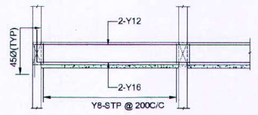
DWG NO:

UC–1177–PROPOSED RESIDENTIAL APARTMENT FOR ISHA HOMES

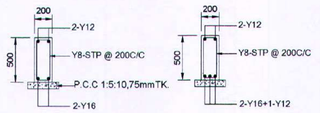
DRAWING TITLE :

FOUNDATION LAYOUT



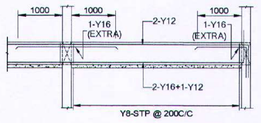


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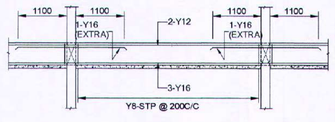


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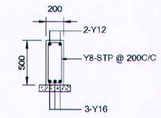
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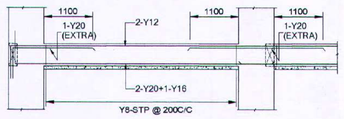
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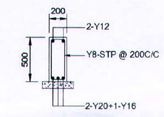
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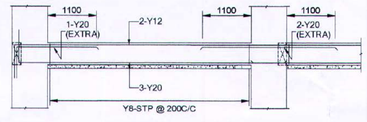
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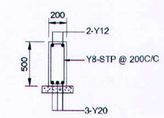
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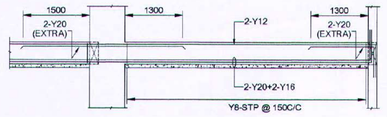
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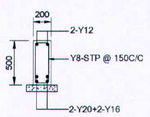
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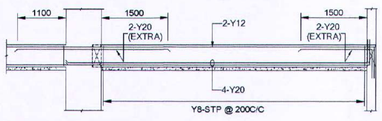
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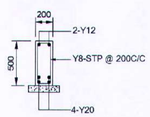
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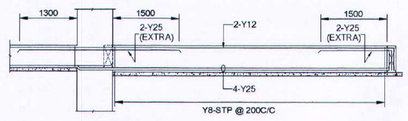
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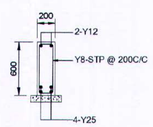
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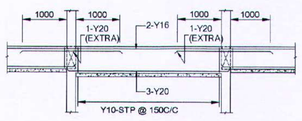
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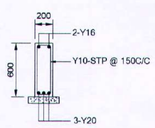
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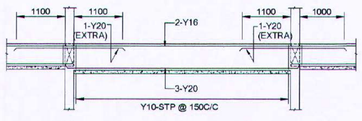
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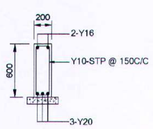
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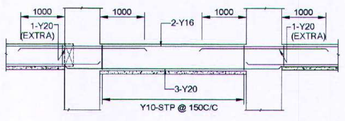
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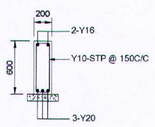
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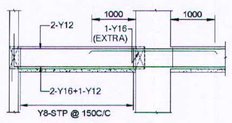
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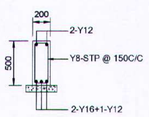
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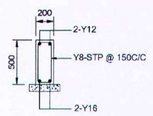
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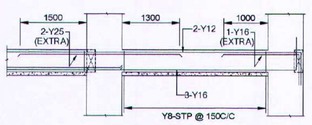
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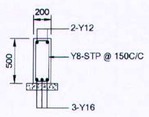
C.S OF TB2C



C.S OF TB1C



L.S OF TB3A



C.S OF TB3A

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S+5

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   i. SLABS SPANNING UPTO 4.5 M (15'-0") - 7 DAYS
   ii. SLABS SPANNING OVER 4.5 M (15'-0") - 14 DAYS
   E) PROPS TO BEAMS AND ARCHES :
   i. BEAMS AND ARCHES SPANNING UPTO 6 M (20'-0") -14DAYS
   ii. BEAMS AND ARCHGS SPANNING OVER 6 M (20'-0") -21DAYS
   F) CANTILEVER PROPS SHOULD NOT BE RELEASED UNTIL THE ROOF IS CONCRETED.
10. FOR EARTHQUAKE ANALYSIS IS TAKEN AS PER IS : 1893
11. LAP JOINTS FOR REINFORCEMENT BARS :
   i) AT ANY CROSS SECTION OF THE MEMBER,NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED.
   ii) LAPS SHALL BE STAGGERED WITH A MINIMUM CENTRE TO CENTRE DISTANCE
   iii) LAP LENGTH SHALL BE 50 TIMES DIAMETER OF THE BAR FOR TENSION AND COMPRESSION MEMBERS .
   iv) LAPS IN COLUMNS SHALL BE PROVIDED AT MID HEIGHT OF FLOOR AND NOT AT BEAM ,COLUMN JUNCTION
   v) LAPS IN BEAMS AND SLABS SHALL BE PROVIDED PREFERABLY AT POINT OF CONTRAFLEXURE .
12. HOOK LENGTH OF STRRIUPS 10 DIA (> 75mm)
13. BEAM, COLUMN JUNCTION STIRRUPS SPACING SHOULD BE 100mm (OR) 4" UNLESS OTHERWISE SPECIFIED IN THE DRAWING

Revision No	Description of Revision		Date
Date:	23-01-26	Drawn By:	BHUVANA

CLIENT

ARCHITECT

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Reg. No. SE/1/2024/2/0014
Reg. No. RSE100382019
~~Reg. No. CGLDIST/ SE/ GI-1/ 2024/ 07/ 005~~

PROJECT NAME:

THE PROPOSED CONSTRUCTION OF GROUP DEVELOPMENT RESIDENTIAL BUILDING CONSISTING OF COMBINED STILT FLOOR+BLOCK A:1st FLOOR TO 5TH FLOOR RESIDENTIAL BUILDING WITH 35 DWELLING UNITS AND ASSOCIATION ROOM @1st FLOOR LVL (HEIGHT 18.30m); BLOCK B:1st FLOOR TO 5TH FLOOR RESIDENTIAL BUILDING WITH 29 DWELLING UNITS AND GYM @1st FLOOR LVL (HEIGHT 18.30m) totally 64 DWELLING UNITS AT WOOD CREEK COUNTY 15TH CROSS STREET, NANDAMBAKKAM CHENNAI AND COMPRISED IN S.NO.140/3C OF NANDAMBAKKAM VILLAGE,ALANDUR TALUK AND WITHIN THE LIMITS OF GREATER CHENNAI CORPORATION

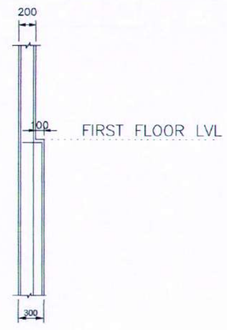
DWG NO:

UC-1177-PROPOSED RESIDENTIAL APARTMENT FOR ISHA HOMES

DRAWING TITLE :

TIE BEAM DETAIL

COL-NO	SIZE	STILT FLOOR	SHAPE OF TIES	SIZE	FIRST FLOOR	2ND & 3RD FLOOR	FOURTH FLOOR	FIFTH FLOOR	SHAPE OF TIES
COL-F1 COL-C1 & COL-F2 COL-C2	300 x 800	12-Y12+ 4-Y12	Y8-TIES @ 200C/C	200 x 800	12-Y12	12-Y12	12-Y12	12-Y12	Y8-TIES @ 200C/C
COL-F1X COL-C1X	300 x 800	12-Y12	Y8-TIES @ 200C/C						
COL-C2A	200 x 800	12-Y12	Y8-TIES @ 200C/C	200 x 800	12-Y12	12-Y12	12-Y12	12-Y12	Y8-TIES @ 200C/C
COL-F3 COL-C3 & COL-F4 COL-C4	300 x 800	4-Y16+(b) 8-Y12+(c) 4-Y12 (c)	Y8-TIES @ 200C/C	200 x 800	4-Y16+(b) 8-Y12+(c)	12-Y12	12-Y12	12-Y12	Y8-TIES @ 200C/C
COL-F3A COL-C3A	200 x 800	4-Y16+(b) 8-Y12+(c)	Y8-TIES @ 200C/C	200 x 800	4-Y16+(b) 8-Y12+(c)	12-Y12	12-Y12	12-Y12	Y8-TIES @ 200C/C
COL-F5 COL-C5 & COL-F6	300 x 800	8-Y16+(b) 4-Y12+(c) 4-Y12 (c)	Y8-TIES @ 200C/C	200 x 800	8-Y16+(b) 4-Y12+(c)	4-Y16+(b) 8-Y12+(c)	4-Y16+(b) 8-Y12+(c)	12-Y12	Y8-TIES @ 200C/C
COL-C6A	200 x 800	8-Y16+(b) 8-Y12+(c)	Y8-TIES @ 200C/C	200 x 800	8-Y16+(b) 4-Y12+(c)	4-Y16+(b) 8-Y12+(c)	4-Y16+(b) 8-Y12+(c)	12-Y12	Y8-TIES @ 200C/C
COL-F7	300 x 800	12-Y16+ 4-Y12 (c)	Y8-TIES @ 200C/C	200 x 800	8-Y16+(b) 4-Y12+(c)	4-Y16+(b) 8-Y12+(c)	4-Y16+(b) 8-Y12+(c)	12-Y12	Y8-TIES @ 200C/C
COL-F7A COL-C7A	200 x 800	12-Y16	Y8-TIES @ 200C/C	200 x 800	8-Y16+(b) 4-Y12+(c)	4-Y16+(b) 8-Y12+(c)	4-Y16+(b) 8-Y12+(c)	12-Y12	Y8-TIES @ 200C/C
COL-F8 COL-C8 & COL-F9	300 x 800	4-Y20+(a) 8-Y16+(b) 4-Y12 (c)	Y8-TIES @ 200C/C	200 x 800	12-Y16	8-Y16+(b) 4-Y12+(c)	4-Y16+(b) 8-Y12+(c)	12-Y12	Y8-TIES @ 200C/C
COL-F9A COL-C8A	200 x 800	4-Y20+(a) 8-Y16+(b)	Y8-TIES @ 200C/C	200 x 800	12-Y16	8-Y16+(b) 4-Y12+(c)	4-Y16+(b) 8-Y12+(c)	12-Y12	Y8-TIES @ 200C/C
COL-F10 COL-C10 COL-F11	300 x 800	8-Y20+(a) 4-Y16+(b) 4-Y12 (c)	Y8-TIES @ 200C/C	200 x 800	4-Y20+(a) 8-Y16+(b)	12-Y16	8-Y16+(b) 4-Y12+(c)	4-Y16+(b) 8-Y12+(c)	Y8-TIES @ 200C/C
COL-F10A COL-C11A	200 x 800	8-Y20+(a) 4-Y16+(b)	Y8-TIES @ 200C/C	200 x 800	4-Y20+(a) 8-Y16+(b)	12-Y16	8-Y16+(b) 4-Y12+(c)	4-Y16+(b) 8-Y12+(c)	Y8-TIES @ 200C/C
COL-F12 & COL-F13	300 x 800	8-Y20+(a) 4-Y16+(b) 4-Y12 (c)	Y8-TIES @ 200C/C	200 x 800	4-Y20+(a) 8-Y16+(b)	4-Y20+(a) 8-Y16+(b)	12-Y16	8-Y16+(b) 4-Y12+(c)	Y8-TIES @ 200C/C
COL-F12A & COL-F13A	200 x 800	8-Y20+(a) 4-Y16+(b)	Y8-TIES @ 200C/C	200 x 800	4-Y20+(a) 8-Y15+(b)	4-Y20+(a) 8-Y16+(b)	12-Y16	8-Y16+(b) 4-Y12+(c)	Y8-TIES @ 200C/C
COL-F14 COL-F15 COL-C15 COL-F16 COL-C16	300 x 800	12-Y20+ 4-Y12 (c)	Y8-TIES @ 200C/C	200 x 800	8-Y20+(a) 4-Y16+(b)	4-Y20+(a) 8-Y16+(b)	4-Y20+(a) 8-Y16+(b)	12-Y16	Y8-TIES @ 200C/C
COL-F16A	200 x 800	12-Y20	Y8-TIES @ 200C/C	200 x 800	8-Y20+(a) 4-Y16+(b)	4-Y20+(a) 8-Y16+(b)	4-Y20+(a) 8-Y16+(b)	12-Y16	Y8-TIES @ 200C/C
COL-F17	300 x 650	4-Y16+(b) 4-Y12+(c) 4-Y12 (c)	Y8-TIES @ 200C/C	200 x 650	8-Y12	8-Y12	8-Y12	8-Y12	Y8-TIES @ 200C/C
COL-F18	300 x 900	8-Y16+(b) 4-Y12+(c) 4-Y12 (c)	Y8-TIES @ 200C/C	200 x 900	8-Y16+(b) 4-Y12+(c)	4-Y16+(b) 8-Y12+(c)	4-Y16+(b) 8-Y12+(c)	12-Y12	Y8-TIES @ 200C/C
COL-F19	200 x 900	4-Y20+(a) 8-Y16+(b)	Y8-TIES @ 200C/C	200 x 900	12-Y16	8-Y16+(b) 4-Y12+(c)	4-Y16+(b) 8-Y12+(c)	12-Y12	Y8-TIES @ 200C/C
COL-F20	300 x 900	4-Y20+(a) 8-Y16+(b) 4-Y12 (c)	Y8-TIES @ 200C/C	200 x 900	12-Y16	8-Y16+(b) 4-Y12+(c)	4-Y16+(b) 8-Y12+(c)	12-Y12	Y8-TIES @ 200C/C
COL-F21	200 x 900	8-Y20+(a) 4-Y16+(b)	Y8-TIES @ 200C/C	200 x 900	4-Y20+(a) 8-Y16+(b)	12-Y16	8-Y16+(b) 4-Y12+(c)	4-Y16+(b) 8-Y12+(c)	Y8-TIES @ 200C/C



TYPICAL COLUMN CHANGE OVER

300 TO 200mm DETAIL

S+5

NOTES:-

1. REFER ARCHITECTURAL DRAWING FOR CENTER LINE DIAMENSION
2. ONLY WRITTEN DIMENSION TO BE FOLLOWED.
3. ANY DISCREPENCIES NOTICED IN THE DRG. SHALL BE BROUGHT TO OUR NOTICE IMMEDIATELY.
4. THIS DRAWING SHOULD BE READ ALONG WITH ARCHITECTURAL DRAWINGS.
5. GRADE OF CONCRETE SHALL CONFIRM TO IS 456
   (i) M30 FOR COLUMN & SHEAR WALL
   (ii) M25 FOR ALL OTHER R.C.C WORKS
   (iii) M25 FOR PILE WITH MINIMUM CEMENT CONTENT OF 400KG/m.^{3} (IF RMC M30 GRADE SHOULD USE).
   (iv) GRADE OF CONCRETE FOR P.T BEAM AND P.T SLAB REFER P.T VENDOR DRAWING
6. "Y" DENOTES HIGH STRENGTH DEFORMED BARS OF GRADE FE550 CONFORMING TO IS 1786
7. CLEAR COVER TO THE MAIN STEEL
   50 FOR PILE & PILE CAP
   50 FOR FOOTINGS , RAFT SLABS & RAFT BEAMS.
   40 FOR COLUMNS.
   25 FOR BEAMS & LINTEL.
   20 FOR SLAB & SUNSHADE.
   25 FOR R.C.C WALL
   (a) ALL LAPS IN PILE REINFORCEMENT SHALL BE WELDED TO AN EXTENT OF 10 DIA OF THE BAR (i.e 10 DIA WELD ,10DIA GAP AND 10 DIA WELD) OR LAPPED WITH TAC WELDING.
   (b) BOTTOM COVER TO THE REINFORCEMENT CAGE MUST BE 200mm. THE REQUIRED ARRANGEMENT MUST BE DONE INITIALLY.
8. SPACER BAR TO BE PROVIDED IN BETWEEN TWO LAYERS OF REINFORCEMENT OF SAME DIA AT EVERY 1000 C/ C.
9. HOWEVER THE FOLLOWING MINIMUM PERIOD (AFTER FINAL POUR) SHALL BE ALLOWED BEFORE REMOVAL OF SHUTTERING AS PER CLAUSE 11.3.1, IS 456

   A) VERTICAL SIDE SHUTTERING OF COLUMNS,WALLS & BEAMS- 24HOURS
   B) BOTTOM SHUTTERING OF SLABS (KEEPING THE PROPS)- 3 DAYS
   C) BOTTOM SHUTTERING OF BEAMS (KEEPING THE PROPS)- 7 DAYS
   D) PROPS TO SLABS :
   i. SLABS SPANNING UPTO 4.5 M (15'-0") - 7 DAYS
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   i. BEAMS AND ARCHES SPANNING UPTO 6 M (20'-0") -14DAYS
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Date:	23-01-26	Drawn By:	BHUVANA

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PROJECT NAME:

THE PROPOSED CONSTRUCTION OF GROUP DEVELOPMENT RESIDENTIAL BUILDING CONSISTING OF COMBINED STILT FLOOR+BLOCK A:1st FLOOR TO 5TH FLOOR RESIDENTIAL BUILDING WITH 35 DWELLING UNITS AND ASSOCIATION ROOM @1st FLOOR LVL (HEIGHT 18.30m); BLOCK B:1st FLOOR TO 5TH FLOOR RESIDENTIAL BUILDING WITH 29 DWELLING UNITS AND GYM @1st FLOOR LVL (HEIGHT 18.30m) totally 64 DWELLING UNITS AT WOOD CREEK COUNTY 15TH CROSS STREET, NANDAMBAKKAM CHENNAI AND COMPRISED IN S.NO.140/3C OF NANDAMBAKKAM VILLAGE,ALANDUR TALUK AND WITHIN THE LIMITS OF GREATER CHENNAI CORPORATION

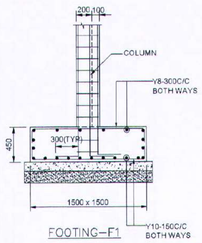
DWG NO:

UC-1177-PROPOSED RESIDENTIAL APARTMENT FOR ISHA HOMES

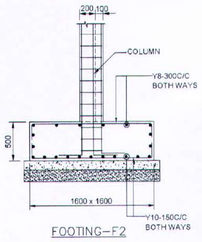
DRAWING TITLE :

COLUMN DETAIL

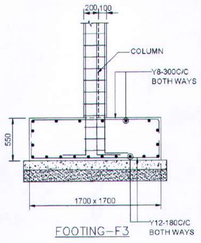
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Uthandi, Chennai - 600 119.
Reg. No. SE/I/2024/2/0014
Reg. No. RSE100382019
Reg. No. CGLDIST/SE/Gr-I/2024/07/005



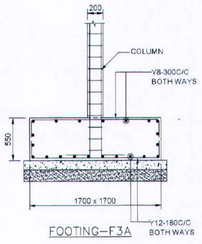
FOOTING–F1



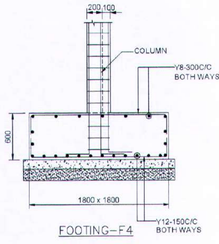
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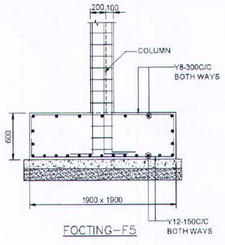
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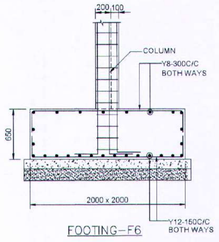
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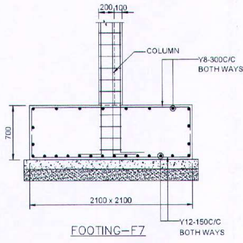
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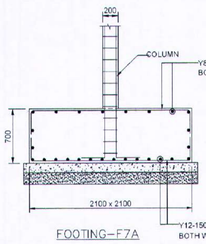
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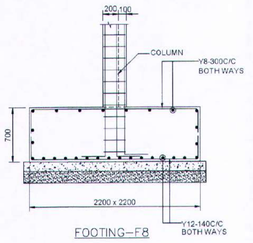
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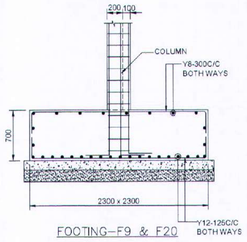
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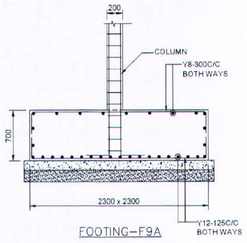
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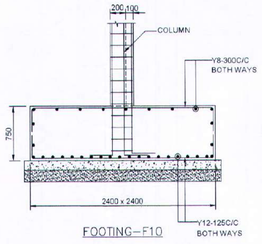
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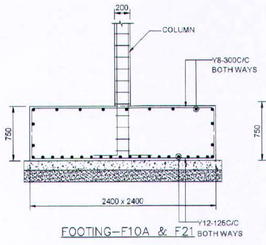
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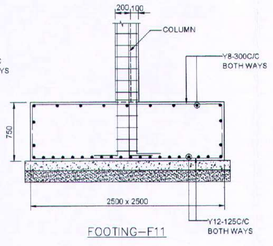
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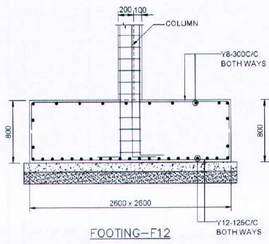
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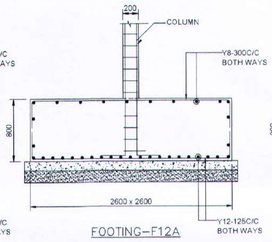
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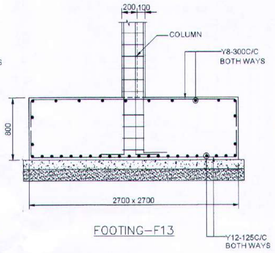
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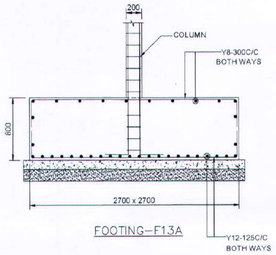
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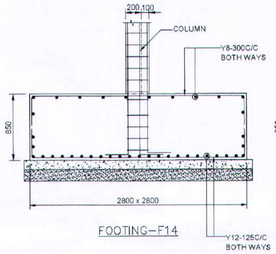
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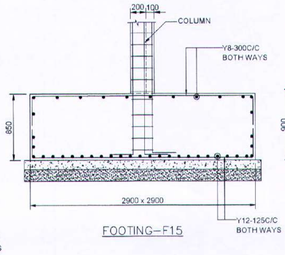
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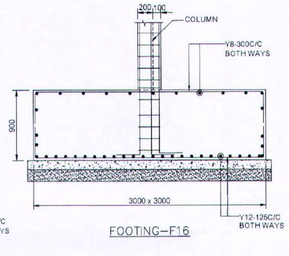
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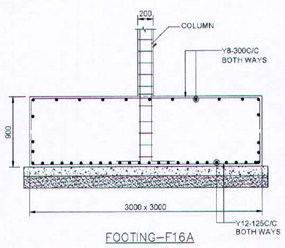
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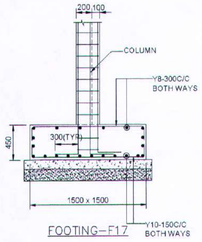
FOOTING–F15



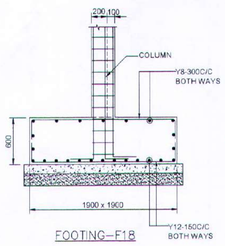
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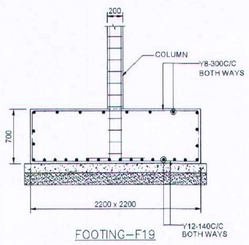
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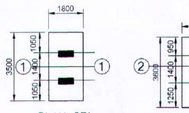
FOOTING–F17



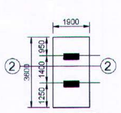
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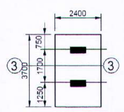
FOOTING–F19



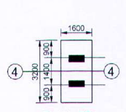
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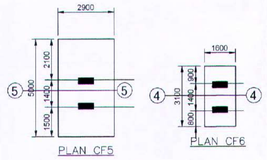
PLAN CF2



PLAN CF3

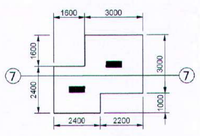


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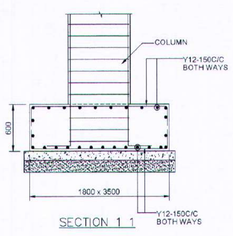


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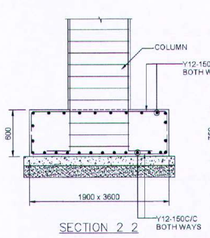
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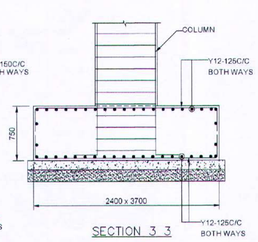
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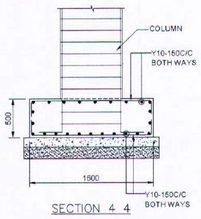
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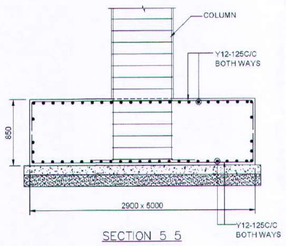
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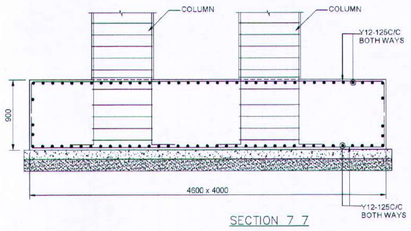
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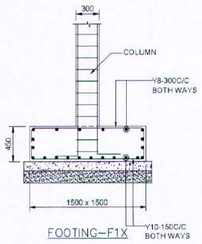
SECTION 4 4



SECTION 5 5



SECTION 7 7



FOOTING–F1X

LIFT WELL SECTION

TYPICAL SECTION FOR STIRRUPS DETAILS

TYPICAL FOUNDATION

NOTES:-

S+5

1. REFER ARCHITECTURAL DRAWING FOR CENTER LINE DIAMENSION
2. ONLY WRITTEN DIMENSION TO BE FOLLOWED.
3. ANY DISCREPENCIES NOTICED IN THE DRG. SHALL BE BROUGHT TO OUR NOTICE IMMEDIATELY.
4. THIS DRAWING SHOULD BE READ ALONG WITH ARCHITECTURAL DRAWINGS.
5. GRADE OF CONCRETE SHALL CONFIRM TO IS 456
   (i) M30 FOR COLUMN & SHEAR WALL
   (ii) M25 FOR ALL OTHER R.C.C WORKS
   (iii) M25 FOR PILE WITH MINIMUM CEMENT CONTENT OF 400KG/m^3 (IF RMC M30 GRADE SHOULD USE).
   (iv) GRADE OF CONCRETE FOR P.T BEAM AND P.T SLAB REFER P.T VENDOR DRAWING
6. "Y" DENOTES HIGH STRENGTH DEFORMED BARS OF GRADE FE550 CONFORMING TO IS 1786
7. CLEAR COVER TO THE MAIN STEEL
   50 FOR PILE & PILE CAP
   50 FOR FOOTINGS , RAFT SLABS & RAFT BEAMS.
   40 FOR COLUMNS.
   25 FOR BEAMS & LINTEL.
   20 FOR SLAB & SUNSHADE.
   25 FOR R.C.C WALL
   (a) ALL LAPS IN PILE REINFORCEMENT SHALL BE WELDED TO AN EXTENT OF 10 DIA OF THE BAR (i.e 10 DIA WELD ,10DIA GAP AND 10 DIA WELD) OR LAPPED WITH TAC WELDING.
   (b) BOTTOM COVER TO THE REINFORCEMENT CAGE MUST BE 200mm. THE REQUIRED ARRANGEMENT MUST BE DONE INITIALLY.
8. SPACER BAR TO BE PROVIDED IN BETWEEN TWO LAYERS OF REINFORCEMENT OF SAME DIA AT EVERY 1000 C/ C.
9. HOWEVER THE FOLLOWING MINIMUM PERIOD (AFTER FINAL POUR) SHALL BE ALLOWED BEFORE REMOVAL OF SHUTTERING AS PER CLAUSE 11.3.1, IS 456
   A) VERTICAL SIDE SHUTTERING OF COLUMNS,WALLS & BEAMS– 24HOURS
   B) BOTTOM SHUTTERING OF SLABS (KEEPING THE PROPS)– 3 DAYS
   C) BOTTOM SHUTTERING OF BEAMS (KEEPING THE PROPS)– 7 DAYS
   D) PROPS TO SLABS :
   i. SLABS SPANNING UPTO 4.5 M (15'–0") – 7 DAYS
   ii. SLABS SPANNING OVER 4.5 M (15'–0") – 14 DAYS
   E) PROPS TO BEAMS AND ARCHES :
   i. BEAMS AND ARCHES SPANNING UPTO 6 M (20'–0") –14DAYS
   ii. BEAMS AND ARCHOS SPANNING OVER 6 M (20'–0") –21DAYS
   F) CANTILEVER PROPS SHOULD NOT BE RELEASED UNTIL THE ROOF IS CONCRETED.
10. FOR EARTHQUAKE ANALYSIS IS TAKEN AS PER IS : 1893
11. LAP JOINTS FOR REINFORCEMENT BARS :
   i) AT ANY CROSS SECTION OF THE MEMBER,NOT MORE THAN 50% OF THE BARS SHALL BE LAPPED.
   ii) LAPS SHALL BE STAGGERED WITH A MINIMUM CENTRE TO CENTRE DISTANCE
   iii) LAP LENGTH SHALL BE 50 TIMES DIAMETER OF THE BAR FOR TENSION AND COMPRESSION MEMBERS .
   iv) LAPS IN COLUMNS SHALL BE PROVIDED AT MID HEIGHT OF FLOOR AND NOT AT BEAM ,COLUMN JUNCTION
   v) LAPS IN BEAMS AND SLABS SHALL BE PROVIDED PREFERABLY AT POINT OF CONTRAFLEXURE .
12. HOOK LENGTH OF STRRIUPS 10 DIA (> 75mm)
13. BEAM, COLUMN JUNCTION STIRRUPS SPACING SHOULD BE 100mm (OR) 4" UNLESS OTHERWISE SPECIFIED IN THE DRAWING

Revision No	Description of Revision		Date
Date:	23–01–26	Drawn By:	BHUVANA

CLIENT

ARCHITECT

STRUCTURAL CONSULTANT

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Reg. No. SE/I/2024/2/0014
Reg. No. RSE100382019
Reg. No. CGLDIST/SE/GH/2024/07/005

PROJECT NAME:

THE PROPOSED CONSTRUCTION OF GROUP DEVELOPMENT RESIDENTIAL BUILDING CONSISTING OF COMBINED STILT FLOOR+BLOCK A:1st FLOOR TO 5TH FLOOR RESIDENTIAL BUILDING WITH 35 DWELLING UNITS AND ASSOCIATION ROOM @1st FLOOR LVL (HEIGHT 18.30m): BLOCK B:1st FLOOR TO 5TH FLOOR RESIDENTIAL BUILDING WITH 29 DWELLING UNITS AND GYM @1st FLOOR LVL (HEIGHT 18.30m) totally 64 DWELLING UNITS AT WOOD CREEK COUNTY 15TH CROSS STREET, NANDAMBAKKAM CHENNAI AND COMPRISED IN S.NO.140/3C OF NANDAMBAKKAM VILLAGE,ALANDUR TALUK AND WITHIN THE LIMITS OF GREATER CHENNAI CORPORATION

DWG NO:

UC–1177–PROPOSED RESIDENTIAL APARTMENT FOR ISHA HOMES

DRAWING TITLE :

FOOTING SECTION DETAIL

THE LANDLENS SUITE

Eight ways to know a piece of land before you pay for it.

This report covers one part of the picture. These cover the rest, drawn from the same government records, for any property in Tamil Nadu.

LandLens One
Ask anything about a property and get an answer grounded in live government records, with the sources shown.
/landlens/one

Verify My Land
Every record check run on one property and returned as a single report.
/landlens/verify-my-land

Legal Opinion
An advocate's written opinion on the title, built on the records we pull for it.
/landlens

One Map
Every layer on one map: the parcel, its boundary, zoning, water bodies and what sits around it.
/landlens/one/map

PriceMap
What land actually changed hands for around this plot, taken from the registered deeds.
/landlens/pricemap

Build Scope
What you are allowed to build here: floor space, height, coverage and setbacks.
/landlens/build-scope

Property Tracker
Watch a property and hear about it when something new is registered against it.
/landlens/property-tracker

Deal Room
Run the transaction in one place: documents, stamping, signatures and the parties.
/landlens/deal-room

FREE TOOLS · NO ACCOUNT NEEDED

Twenty-four checks you can run yourself, at no cost.

Records and verification

The registers themselves, read for you.

- Encumbrance Certificate
- Patta and Chitta
- Field Measurement Sketch
- EC Analyzer
- Bank charge check
- Court case search
- Seller background check
- Approval check by survey

Value and duty

What it is worth and what it costs to register.

- Guideline value by street
- Guideline value by survey
- Stamp duty and registration fees
- Capital gains
- Floor space index
- Area unit converter

Zoning and land use

What the plan says can happen on this land.

- Land use zone finder
- CMDA land use check
- Coastal regulation zone
- Master plan check
- Water bodies finder
- Airport height clearance

Registers and directories

Who holds it, and which office keeps the record.

- Find your registering office
- Temple property check
- Waqf property check
- RERA register

Every free tool
/tools

Services we run for you
/services

The LandLens suite
/landlens/one

Verified RealEstate™

Every claim in this document traces back to a government record.

- Legal opinions, due diligence and title verification
- Building plan, layout and sub-division approvals
- Completion and occupancy certificates, regularisation
- Escrow, negotiation and NRI property management
- Land survey, soil testing, architecture and construction

Verified RealEstate
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Prepared from the registers named on the page each finding sits on. Where a register could not be read, this document says so in its place rather than leaving the gap to be read as a clean result.