Verified RealEstate™

RE REGULATORY RECORD

RERA Document

The document as the regulator published it, reproduced in full behind this page.

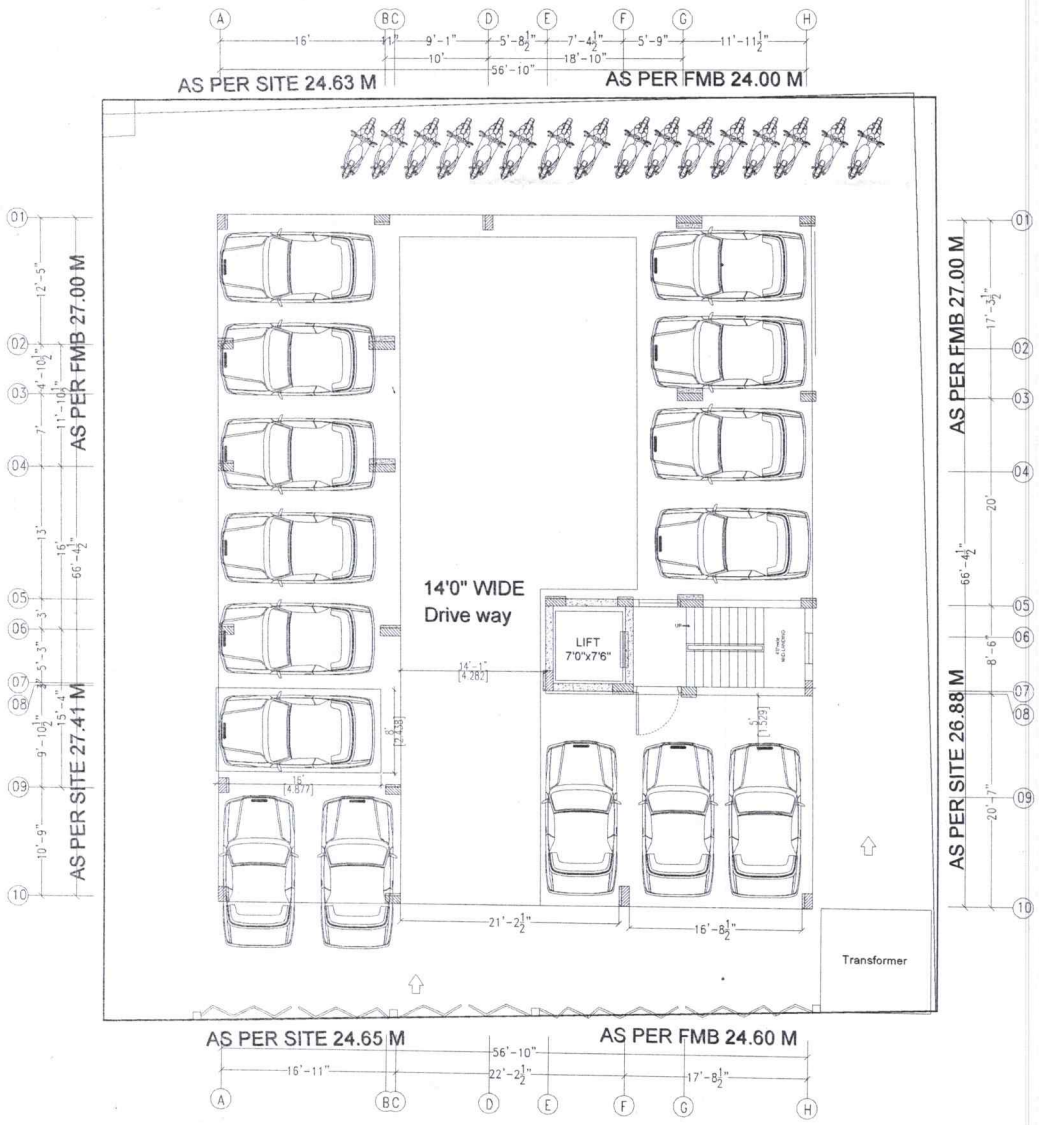
Published for reference. The authority's own register is the operative record.

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

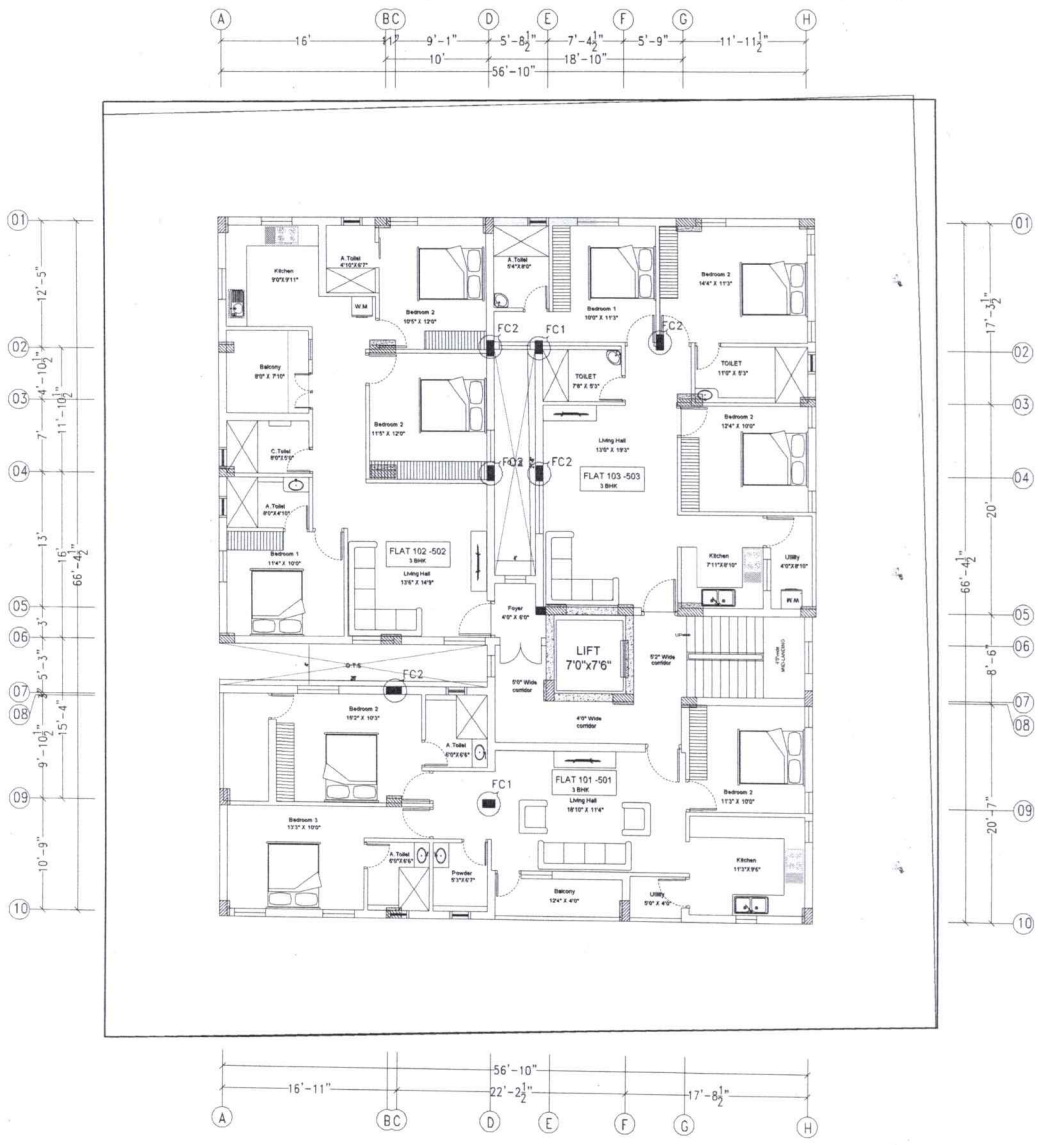
hello@verified.realestate
+91 9996 12 9996
verified.realestate

DIGITALLY VERIFIED RECORD

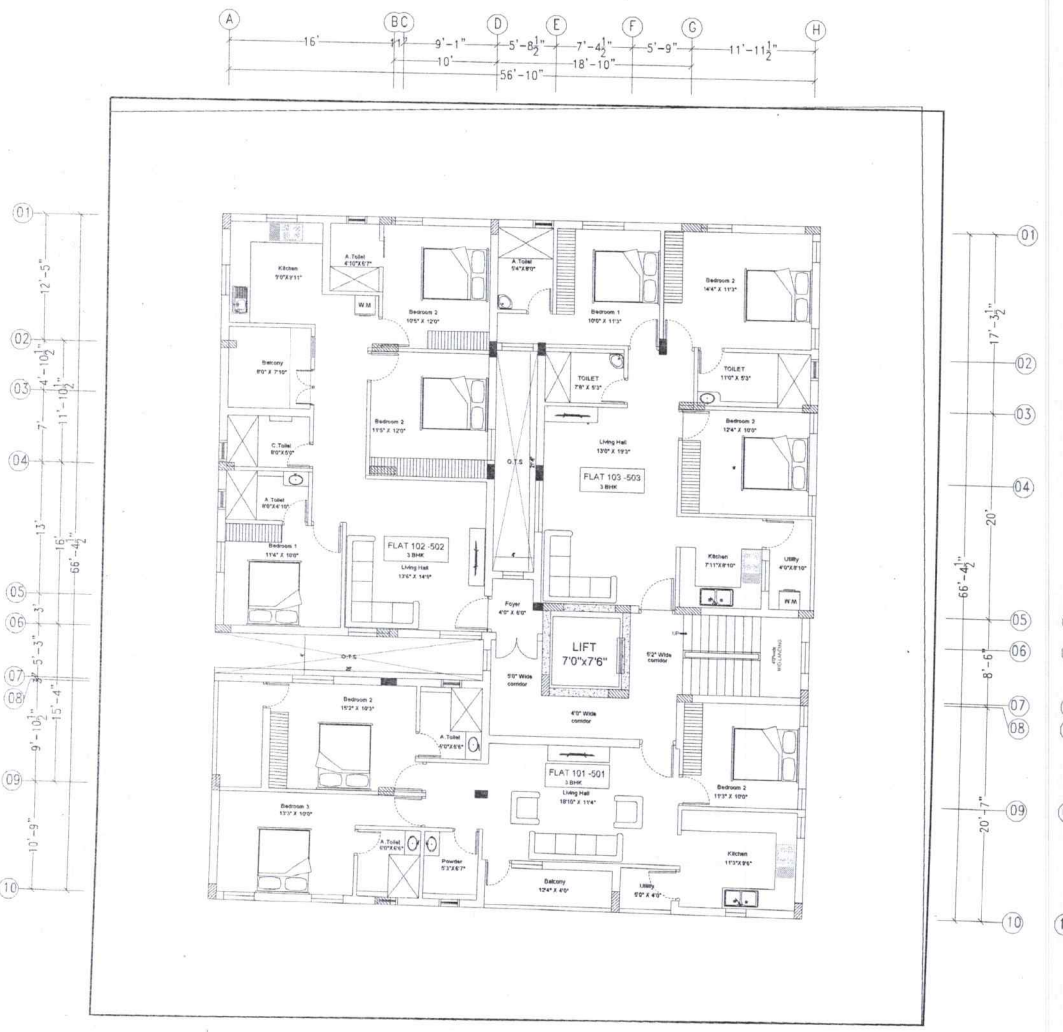
COLUMN LAYOUT + ARCHITECTURAL PLAN



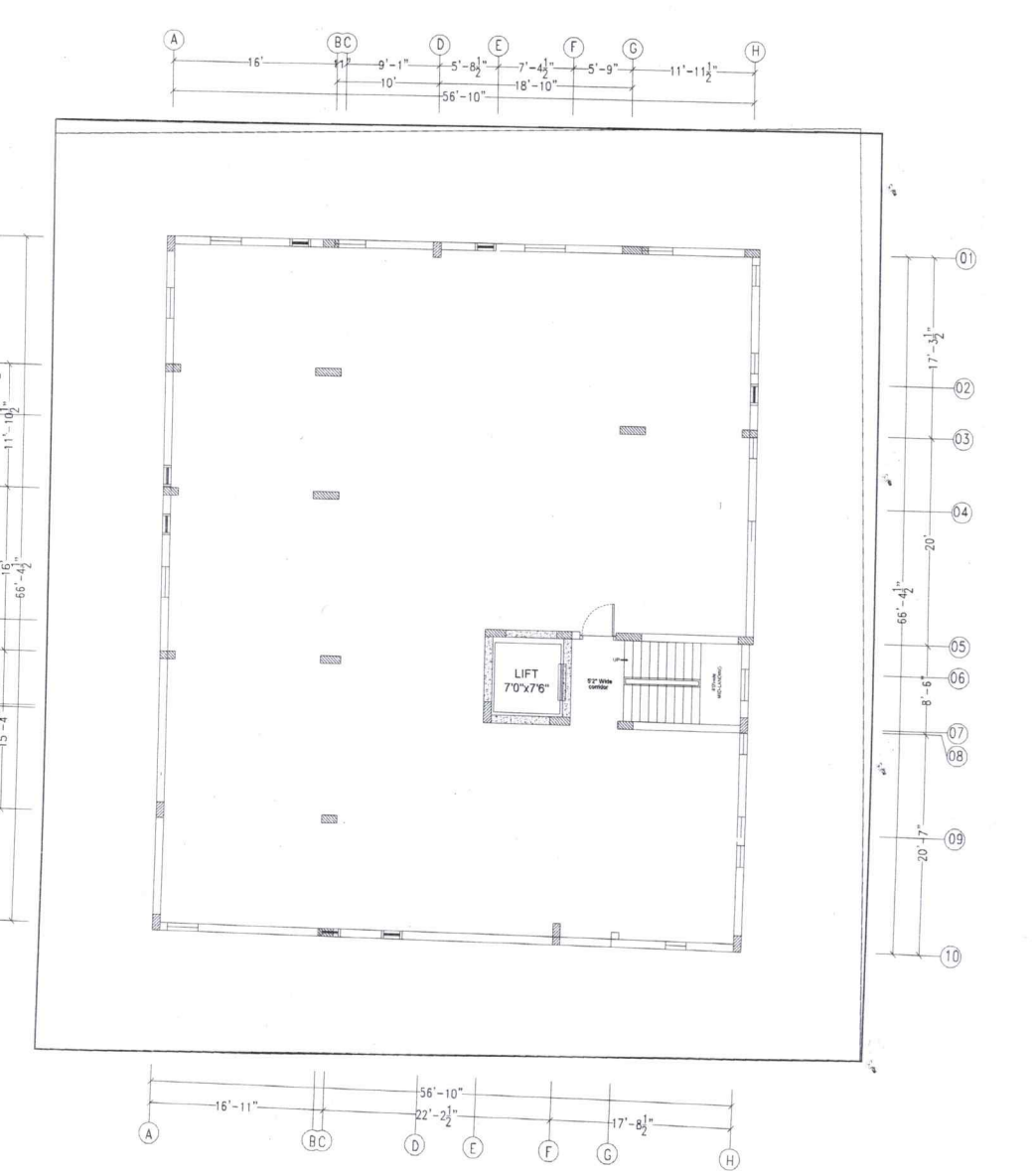
STILT FLOOR PLAN



FIRST FLOOR PLAN

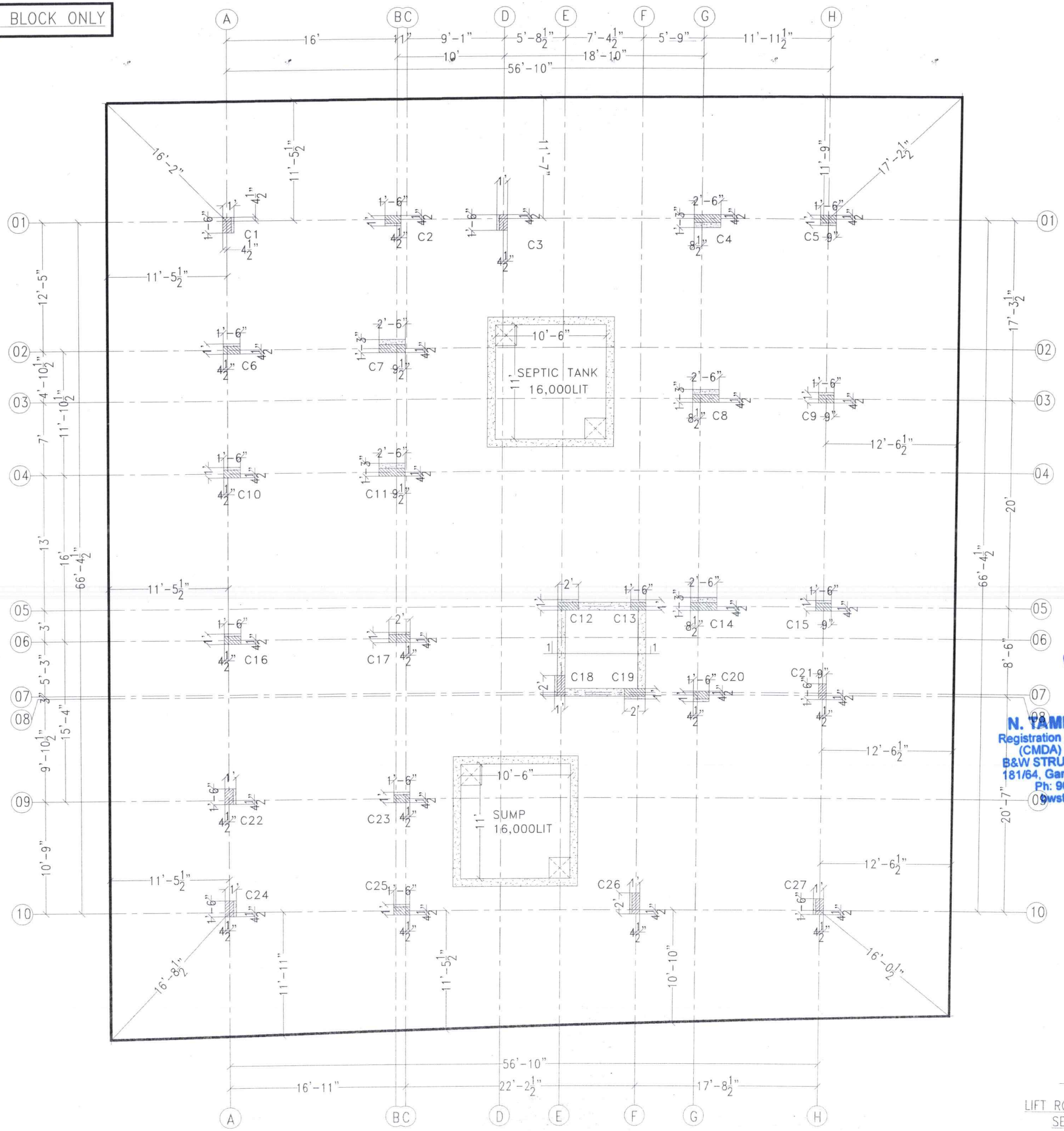


TYPICAL SECOND, THIRD , FOURTH & FIFTH FLOOR PLAN



OVER HEAD ROOM

BRICK- AAC BLOCK ONLY



ISSUED FOR:- ☑ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:-

1.0 ALL DIMENSIONS ARE IN FEET & INCHES
LEVELS ARE IN FEET & INCHES.

2.0 GRADE:-
ALL CONCRETE - M25(1:1:2), (OR),
READY MIX CONCRETE -M30(AS PER MIX DESIGN),
STEEL - FE 500. BRICK- AAC BLOCK

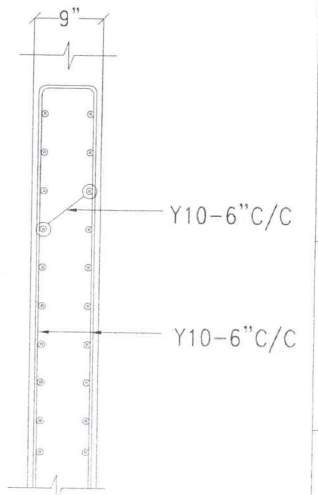
3.0 COVER:-
FOOTING-2", COLUMN-1.5", BEAM-1", SLAB-¾",
RC WALL-1.5", WAIST SLAB-¾",

4.0 DESIGNED:-
BUILDING DESIGN - S+5 ONLY.
STRUCTURAL DETAILED DRAWING - S+5 ONLY.

5.0 SOIL TEST:-
SOIL TEST REPORT NO: 2453
SBC - 200 kN/M2 AT 8'-0" FROM NGL

NOTE	DESCRIPTION	SYMBOL
C	COLUMN	
	CONTINUOUS COLUMN TERMINATED COLUMN	
RCW	REINFORCED CONCRETE WALL	

N. TAMILVANAN, M.E.(STRUCT.)
Registration Structural Engineer GRADE-I (SE)
(CMDA) REG.No.SE/GR-I/2024/02/005
B&W STRUCTURAL DESIGN CONSULTANT
181/64, Gandhi Road, Velachery, Chennai-42.
Ph: 9677044466, 044 - 43237175
bwstructuraldesign@gmail.com



LIFT RCC WALL DETAILS
SECTION- 1-1

PROJECT:-
CLIENT: Mr.S.APPAN
THE PROPOSED RESIDENTIAL BUILDING AT MADIPAKKAM, CHENNAI.

ARCHITECT:-
JANAV
HOUSINGS PVT LTD
39/19,G3,Akshaya flats,3rd main road,Nanganallur
Nanganallur,chennai-600061
Landline: 044-24740008

DATE:	12-09-2025	ST-01
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST-2023/02/250/02/01	

TITLE:-
COLUMN MARKING LAYOUT

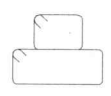
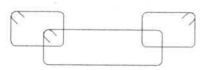
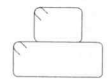
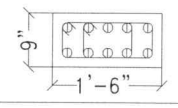
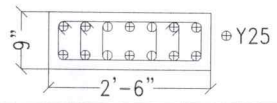
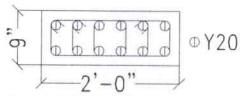
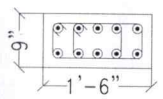
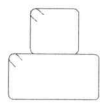
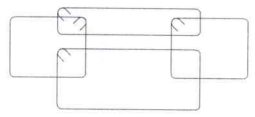
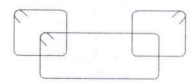
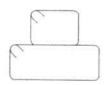
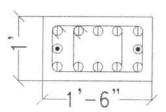
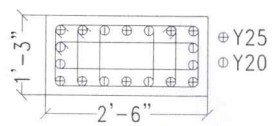
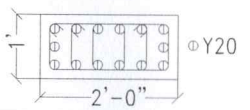
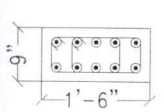
REVISION:- R2

DIRECTION:- N, W, E, S

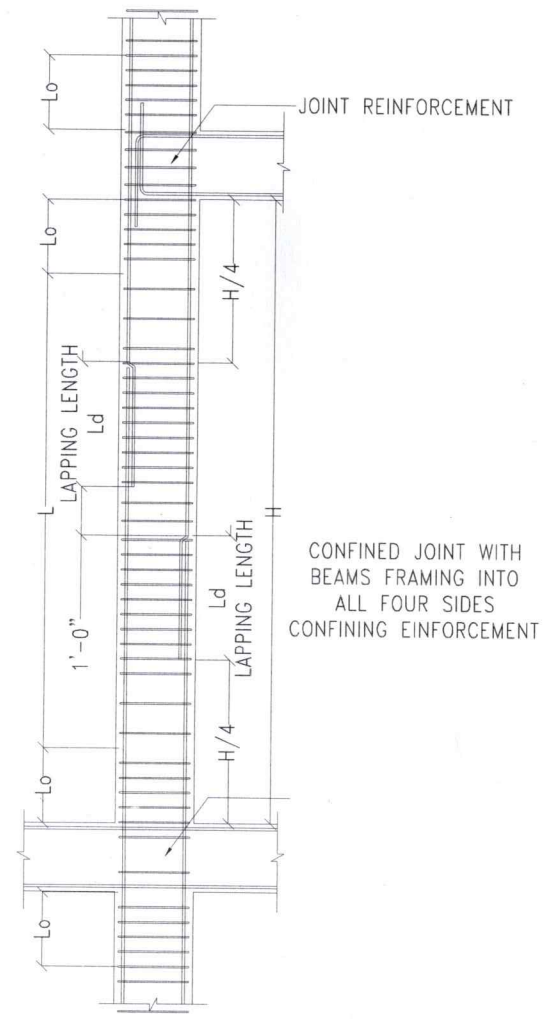
N.TAMILVANAN M.E(STRUCT.)
CMDA, CORPORATION & DTCP
Registered Structural Engineer GRADE-1(SE)
B&W STRUCTURAL DESIGN CONSULTANT
181/64,GANDHI ROAD, VELACHERY, CHENNAI-42.
9677044466, 9677044515, 044-43237175.
bwstructuraldesign@gmail.com,

ISSUED FOR:- ☑ CONSTRUCTION ONLY

COLUMN SCHEDULE:-

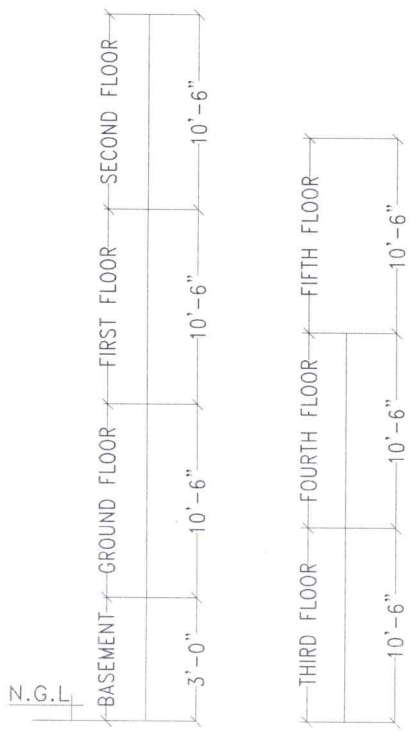
GROUND FLOOR ROOF TO TERRACE FLOOR				
	Y8-6"C/C	Y8-6"C/C	Y8-6"C/C	Y8-6"C/C
				
	10-Y20	10-Y25 + 4-Y20	12-Y20	10-Y16
UP TO GROUND FLOOR ROOF				
	Y8-6"C/C	Y8-6"C/C	Y8-6"C/C	Y8-6"C/C
				
	10-Y20 + 2-Y16	10-Y25 + 8-Y20	14-Y20	10-Y16
COLUMN MARKED	C1, C2, C3, C5, C6, C9, C10, C13, C15, C16, C20, C22, C23, C24, C25, C27	C4, C7, C8, C11, C14	C12, C17, C18, C19, C26	C21

BRICK- AAC BLOCK ONLY



LAPPING LEVELS
COLUMN AND JOINT DETAILING

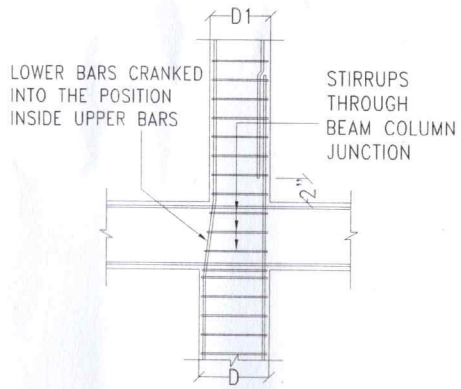
H = CLEAR HEIGHT OF COLUMN
Lo= SPECIAL CONFINEMENT REINFORCEMENT
L = TRANSVERSE REINFORCEMENT
Ho= TRANSVERSE REINFORCEMENT (BRICK)



FLOOR LEVELS



LATERAL TIE DETAILS



VARYING SIZE OF
COLUMN

N.TAMILVANAN, M.E.(STRUCT.,)
Registration Structural Engineer GRADE-I (SE)
REG.No.SE/GR-I/2024/02/005
B&W STRUCTURAL DESIGN CONSULTANT
181/64, Gandhi Road, Velachery, Chennai-42.
Ph: 9677044466, 044 - 43237175
bwstructuraldesign@gmail.com

ISSUED FOR:- ☑ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:-

1.0 ALL DIMENSIONS ARE IN FEET & INCHES
LEVELS ARE IN FEET & INCHES.

2.0 GRADE:-
ALL CONCRETE - M25(1:1:2), (OR),
READY MIX CONCRETE -M30(AS PER MIX DESIGN),
STEEL - FE 500. BRICK- AAC BLOCK

3.0 COVER:-
FOOTING-2", COLUMN-1.5", BEAM-1", SLAB-$\frac{3}{4}$",
RC WALL-1.5", WAIST SLAB-$\frac{3}{4}$",

4.0 DESIGNED:-
BUILDING DESIGN - S+5 ONLY.
STRUCTURAL DETAILED DRAWING - S+5 ONLY.

5.0 SOIL TEST:-
SOIL TEST REPORT NO: 2453
SBC - 200 kN/M2 AT 8'-0" FROM NGL

NOTE	DESCRIPTION
NGL	NATURAL GROUND LEVEL

PROJECT:-
CLIENT: Mr.S.APPAN
THE PROPOSED RESIDENTIAL BUILDING
AT MADIPAKKAM, CHENNAI.

ARCHITECT:-
JANAV
HOUSINGS PVT LTD
39/19,G3,Akshaya flats,3rd main road,Nanganallur
Nanganallur,chennai-600061.
Landline: 044-24740008

DATE:	12-09-2025	ST-01A
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST-2023/02/250/02/01	

TITLE:-
COLUMN REINFORCEMENT DETAILS

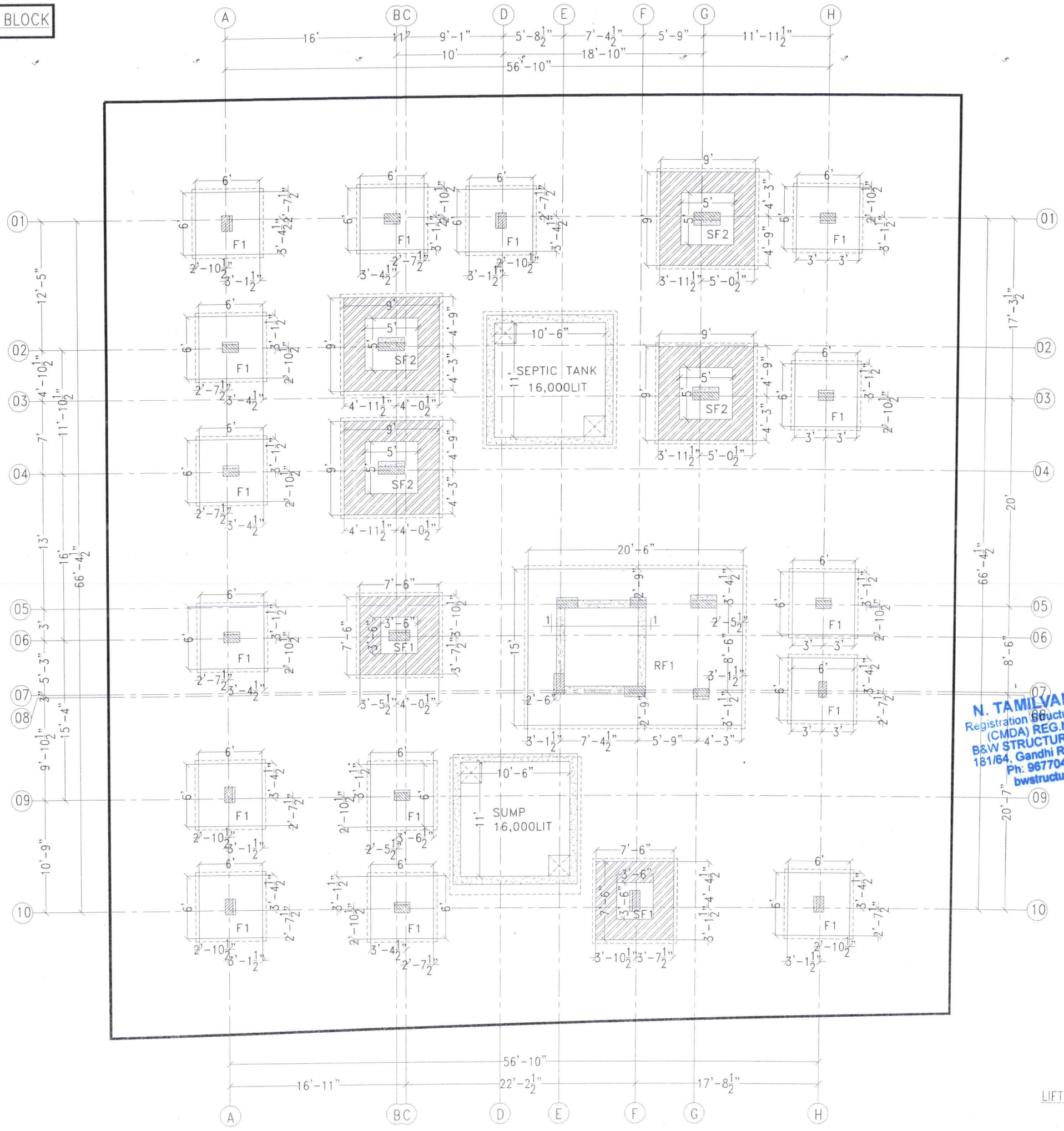
REVISION:-
R2

DIRECTION:-
N
W E
S

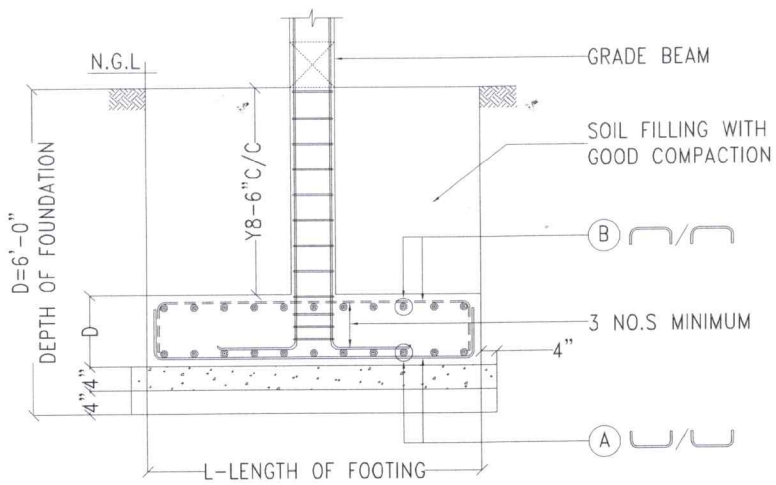
N.TAMILVANAN M.E(STRUCT.)
CMDA, CORPORATION & DTCP
Registered Structural Engineer GRADE-1(SE)
B&W STRUCTURAL DESIGN CONSULTANT
181/64,GANDHI ROAD, VELACHERY, CHENNAI-42.
9677044466, 9677044515, 044-43237175.
bwstructuraldesign@gmail.com.

ISSUED FOR:- ☑ CONSTRUCTION ONLY

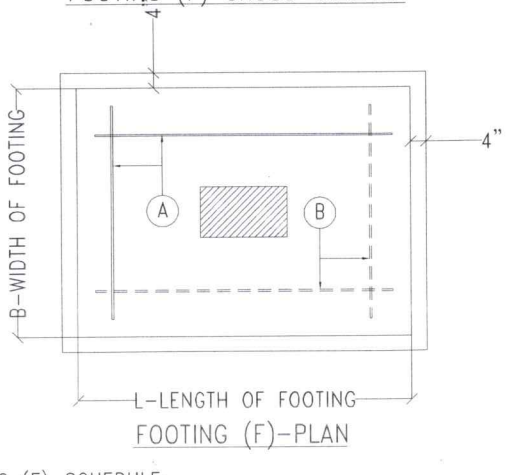
BRICK- AAC BLOCK


A
BC
D
E
F
G
H
01
02
03
04
05
06
07
08
09
10
16'
11"
9'-1"
5'-8½"
7'-4½"
5'-9"
11'-11½"
10'
18'-10"
56'-10"
12'-5"
4'-10½"
11'-10½"
7'
13'
16'-4½"
66'-4½"
3'
5'-3"
3'
15'-4"
9'-10½"
10'-9"
17'-3½"
20'
8'-6"
20'-7"
F1
SF1
SF2
RF1
SEPTIC TANK
16,000LIT
SUMP
16,000LIT
10'-6"
11'
20'-6"
7'-6"
15'
9'
6'
5'
3'
2'-6"
2'-9"
8'-6"
4'-9"
4'-3"
3'-6"
2'-10½"
3'-1½"
2'-7½"
3'-4½"
3'-11½"
5'-0½"
4'-11½"
4'-0½"
3'-10½"
3'-7½"
2'-5½"
3'-6½"
3'-5½"
3'-7½"
3'-4½"
2'-7½"
3'-1½"
2'-10½"
3'-1

BRICK- AAC BLOCK ONLY



FOOTING (F) CROSS-SECTION



FOOTING (F)-PLAN

FOOTING (F)-SCHEDULE:-

FOOTING	SIZE OF FOOTING L x B	THICKNESS D	NO.S	BOTTOM REINFORCEMENT (A)	BOTTOM REINFORCEMENT (B)
F1	6'-0"x6'-0"	1'-8"	15	Y12-6"C/C	Y12-6"C/C

TOTAL - 15

STEP FOOTING (SF)-SCHEDULE:-

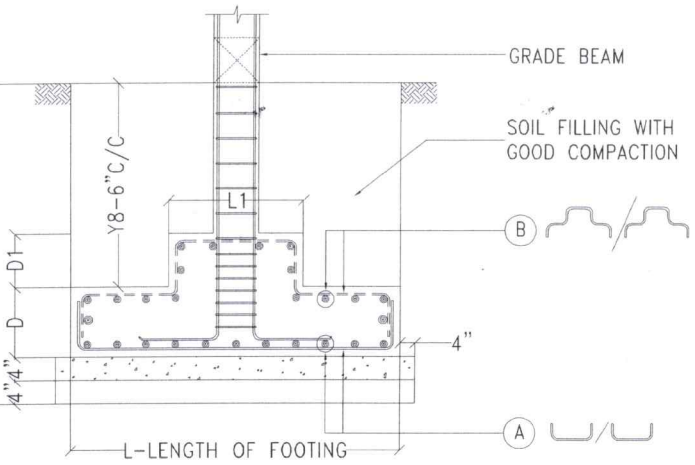
FOOTING	SIZE OF FOOTING		THICKNESS		NO.S	BOTTOM REINFORCEMENT (A)
	L x B	L1 x B1	D1	D2		
SF1	7'-6"x7'-6"	3'-6"x3'-6"	1'-3"	1'-3"	02	Y12-6"C/C
SF2	9'-0"x9'-0"	5'-0"x5'-0"	1'-6"	1'-3"	04	Y12-6"C/C

TOTAL - 06

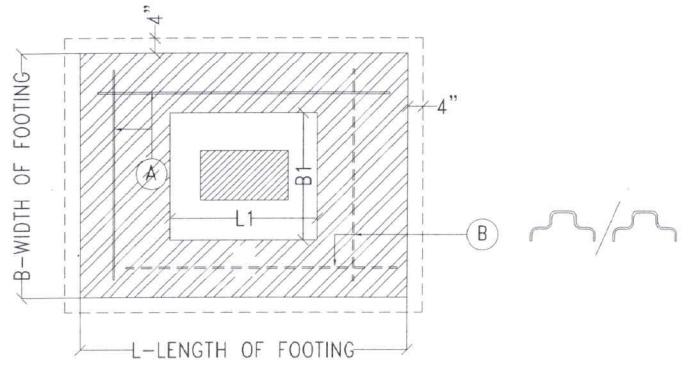
RAFT FOOTING (RF)-SCHEDULE:-

FOOTING	SIZE OF FOOTING L x B	THICKNESS D	NO.S	BOTTOM REINFORCEMENT (A)	TOP REINFORCEMENT (B)
RF1	10'-0"x10'-0"	1'-8"	01	Y16-6"C/C	Y16-6"C/C

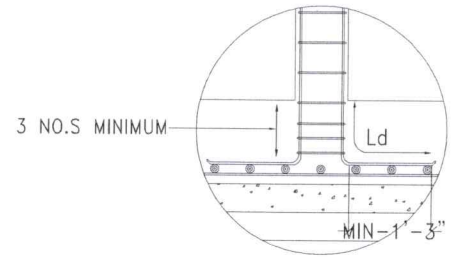
TOTAL - 01



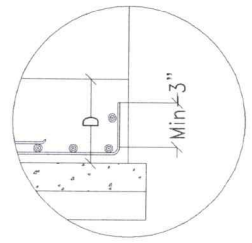
STEP FOOTING (SF) CROSS-SECTION



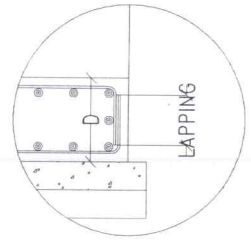
STEP FOOTING (SF)-PLAN



DEVELOPEMENT LENGTH

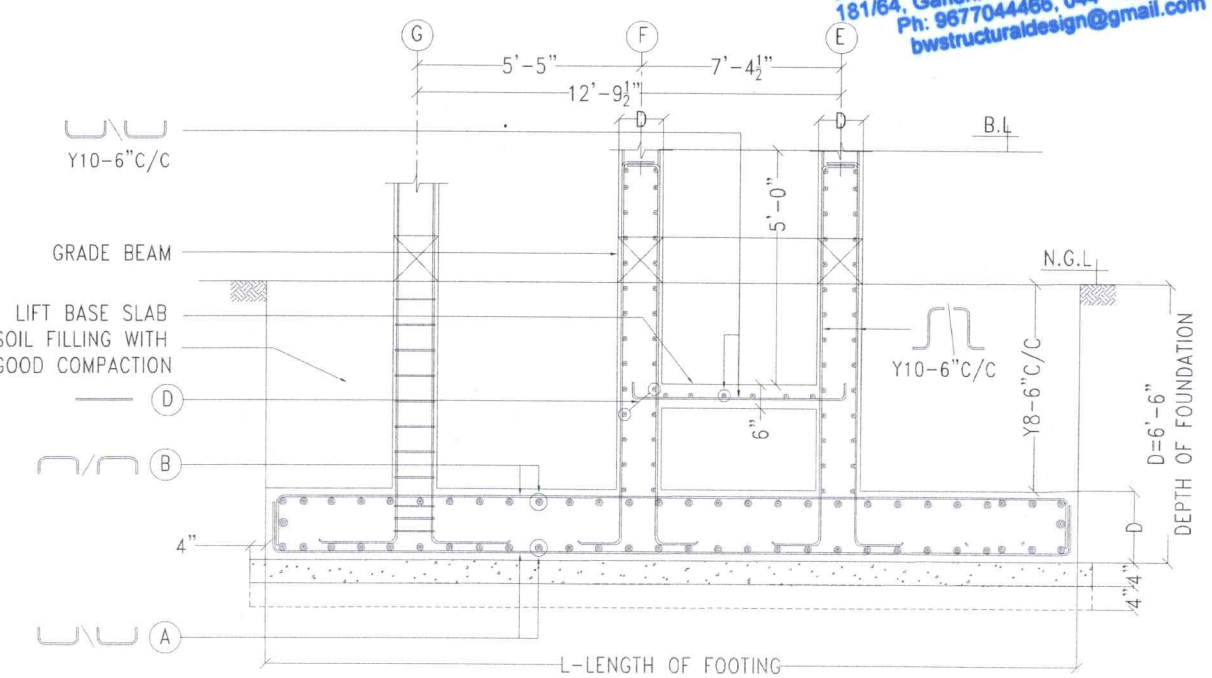


AT END ANCHORAGE



AT END ANCHORAGE

N.TAMILVANAN, M.E.(STRUCT.)
Registration Structural Engineer GRADE-I (SE)
(CMDA) REG.No.SE/GR-I/2024/02/005
B&W STRUCTURAL DESIGN CONSULTANT
181/64, Gandhi Road, Velachery, Chennai-42.
Ph: 9677044466, 044 - 43237175
bwstructuraldesign@gmail.com



RAFT FOOTING (RF1) CROSS-SECTION

ISSUED FOR:- ☑ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:-

1.0 ALL DIMENSIONS ARE IN FEET & INCHES
LEVELS ARE IN FEET & INCHES.

2.0 GRADE:-
ALL CONCRETE - M25(1:1:2), (OR),
READY MIX CONCRETE -M30(AS PER MIX DESIGN),
STEEL - FE 500. BRICK- AAC BLOCK

3.0 COVER:-
FOOTING-2", COLUMN-1.5", BEAM-1", SLAB-¾",
RC WALL-1.5", WAIST SLAB-¾",

4.0 DESIGNED:-
BUILDING DESIGN - S+5 ONLY.
STRUCTURAL DETAILED DRAWING - S+5 ONLY.

5.0 SOIL TEST:-
SOIL TEST REPORT NO: 2453
SBC - 200 kN/M2 AT 8'-0" FROM NGL

NOTE:

a - MINIMUM= 1'-3"

PROJECT:-

CLIENT: Mr.S.APPAN

THE PROPOSED RESIDENTIAL BUILDING AT MADIPAKKAM, CHENNAI.

ARCHITECT:-

JANAV
HOUSINGS PVT LTD
39/19,G3,Akshaya flats,3rd main road,Nanganallur
Nanganallur,chennai-600061
Landline: 044-24740008

DATE:	12-09-2025	ST-02A
DRAWNG BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST-2023/02/250/02/01	

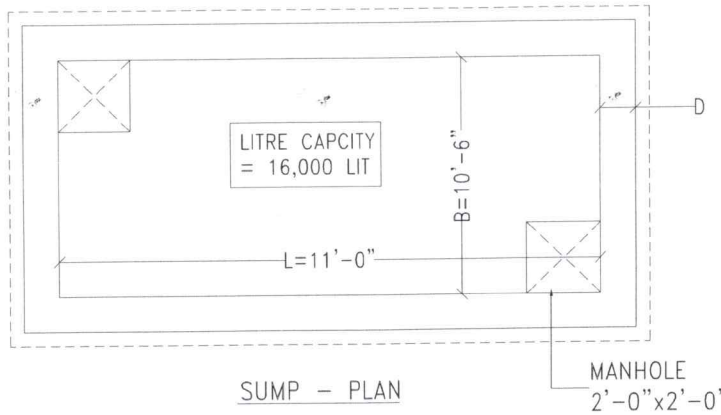
TITLE:-
FOOTING REINFORCEMENT DETAIL

REVISION:- R2

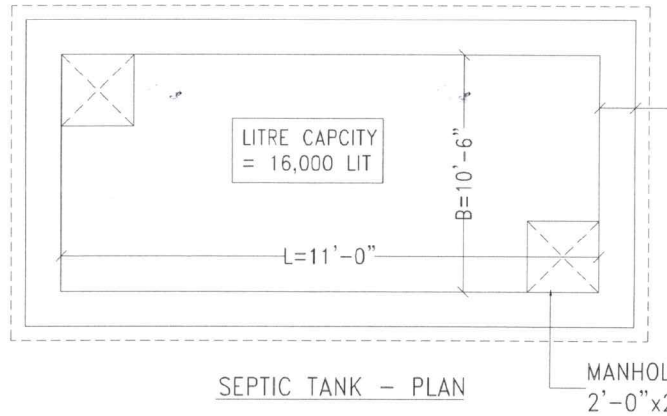
DIRECTION:- N W E S

N.TAMILVANAN M.E(STRUCT.)
CMDA, CORPORATION & DTCP
Registered Structural Engineer GRADE-1(SE)
B&W STRUCTURAL DESIGN CONSULTANT
181/64,GANDHI ROAD, VELACHERY, CHENNAI-42.
9677044466, 9677044515, 044-43237175.
bwstructuraldesign@gmail.com,

ISSUED FOR:- ☑ CONSTRUCTION ONLY

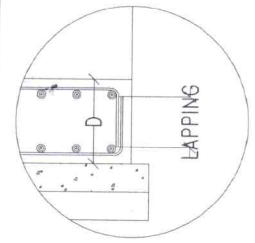


SUMP – PLAN

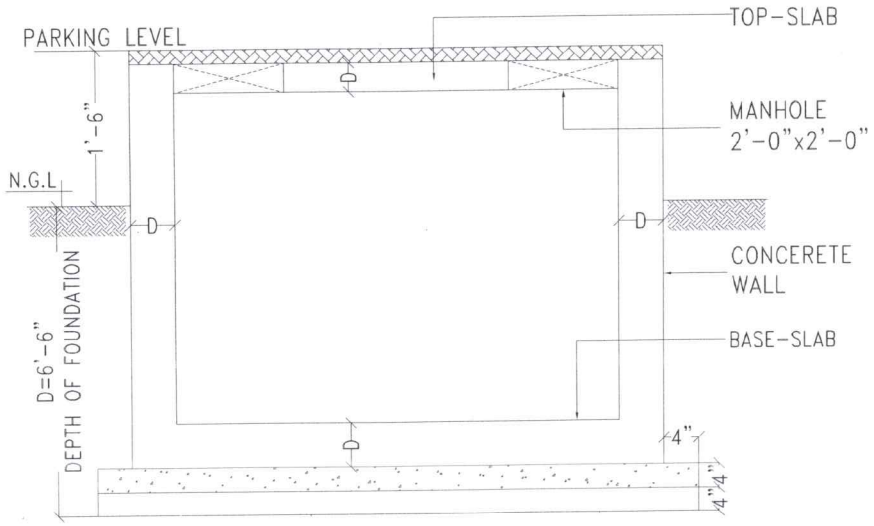


SEPTIC TANK – PLAN

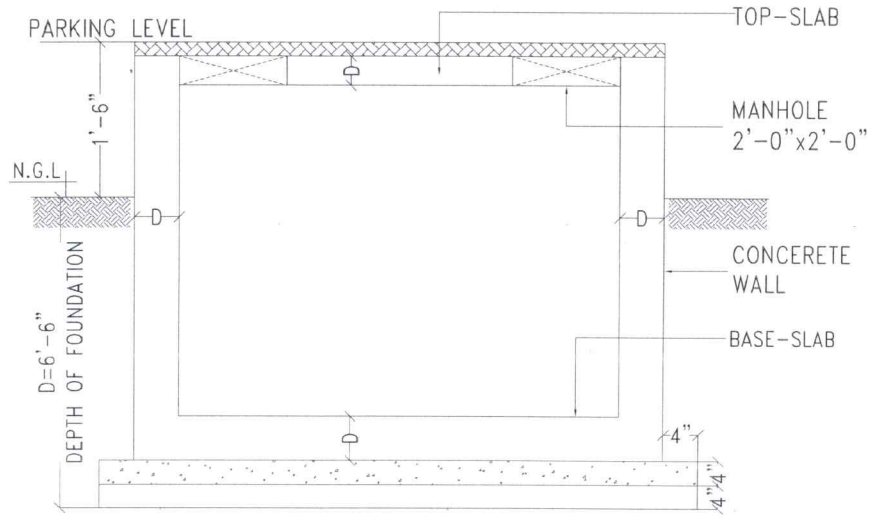
BRICK– AAC BLOCK ONLY



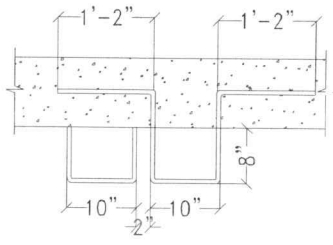
AT END ANCHORAGE



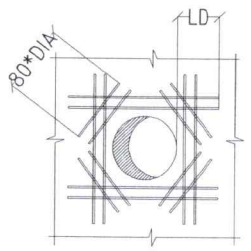
SUMP – CROSS–SECTION



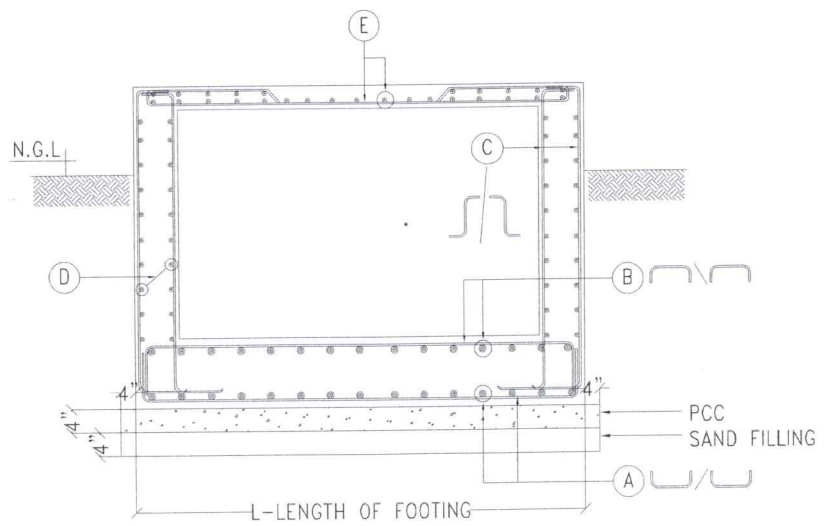
SEPTIC TANK – CROSS–SECTION



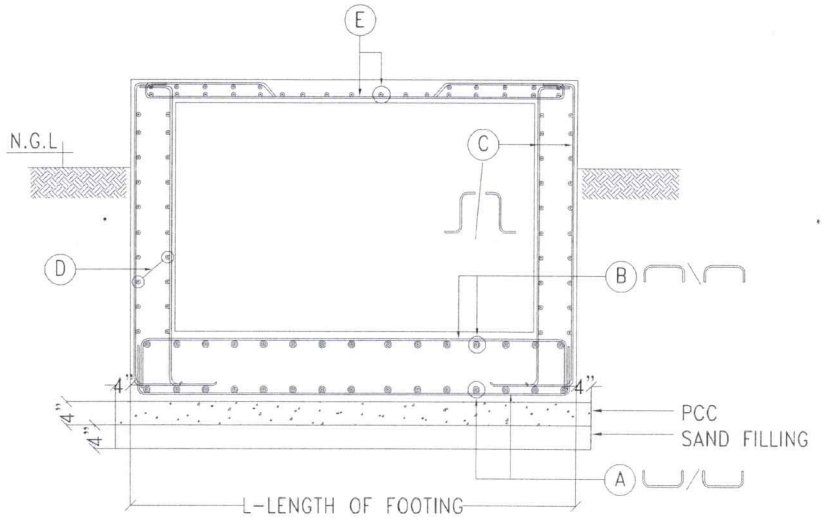
STEP–RUNGS–PLAN



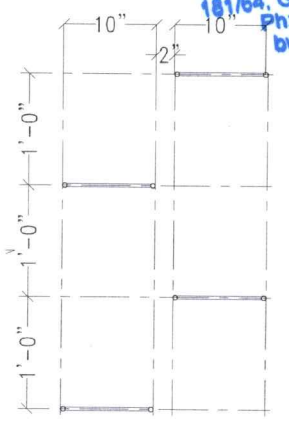
PIPE LINE OPENNING



SUMP – CROSS–SECTION



SEPTIC TANK – CROSS–SECTION



STEP – RUNGS–SECTION

SUMP – SCHEDULE:–

MEMBER	THICKNESS	BOTTOM REINFORCEMENT	TOP REINFORCEMENT	CONCRETE WALL REINFORCEMENT		TOP SLAB–MAIN REINFORCEMENT
	D	(A)	(B)	(C)	(D)	(E)
BASE SLAB	9"	Y10–6"C/C	Y10–6"C/C	--	--	--
CONCRETE WALL	9"	--	--	Y10–6"C/C	Y10–6"C/C	--
TOP SLAB	6"	--	--	--	--	Y10–6"C/C

SEPTIC TANK – SCHEDULE:–

MEMBER	THICKNESS	BOTTOM REINFORCEMENT	TOP REINFORCEMENT	CONCRETE WALL REINFORCEMENT		TOP SLAB–MAIN REINFORCEMENT
	D	(A)	(B)	(C)	(D)	(E)
BASE SLAB	9"	Y10–6"C/C	Y10–6"C/C	--	--	--
CONCRETE WALL	9"	--	--	Y10–6"C/C	Y10–6"C/C	--
TOP SLAB	6"	--	--	--	--	Y10–6"C/C

ISSUED FOR:– ☑ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:–

1.0 ALL DIMENSIONS ARE IN FEET & INCHES
LEVELS ARE IN FEET & INCHES.

2.0 GRADE:–
ALL CONCRETE – M25(1:1:2), (OR),
READY MIX CONCRETE –M30(AS PER MIX DESIGN),
STEEL – FE 500. BRICK– AAC BLOCK

3.0 COVER:–
FOOTING–2", COLUMN–1.5", BEAM–1", SLAB–¾",
RC WALL–1.5", WAIST SLAB–¾",

4.0 DESIGNED:–
BUILDING DESIGN – S+5 ONLY.
STRUCTURAL DETAILED DRAWING – S+5 ONLY.

5.0 SOIL TEST:–
SOIL TEST REPORT NO: 2453
SBC – 200 kN/M2 AT 8'–0" FROM NGL

N. TAMILVANAN, M.E.(STRUCT.)
Registration Structural Engineer GRADE-I (SE)
(CMDA) REG.NO:SGR-I/2024/03705
B&W STRUCTURAL DESIGN CONSULTANT
181/64, Gandhi Road, Velachery, Chennai-42.
Ph: 9677044466, 044 - 43237175
bwstructuraldesign@gmail.com

PROJECT:– PROPOSED RESIDENTIAL BUILDING
AT MADIPAKKAM, CHENNAI.

ARCHITECT:–

JANAV
HOUSINGS PVT LTD
39/19,G3,Akshaya flats,3rd main road,Nanganallur
Nanganallur,chennai-600061.
Landline: 044-24740008

DATE:	12-09-2025	ST–02B
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST–2023/02/250/02/01	

TITLE:–
SUMP & SEPTIC TANK DETAILS

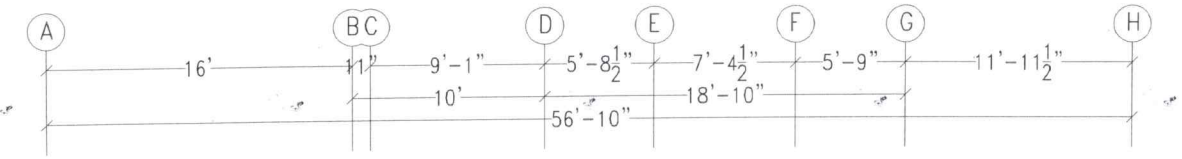
REVISION:– R2

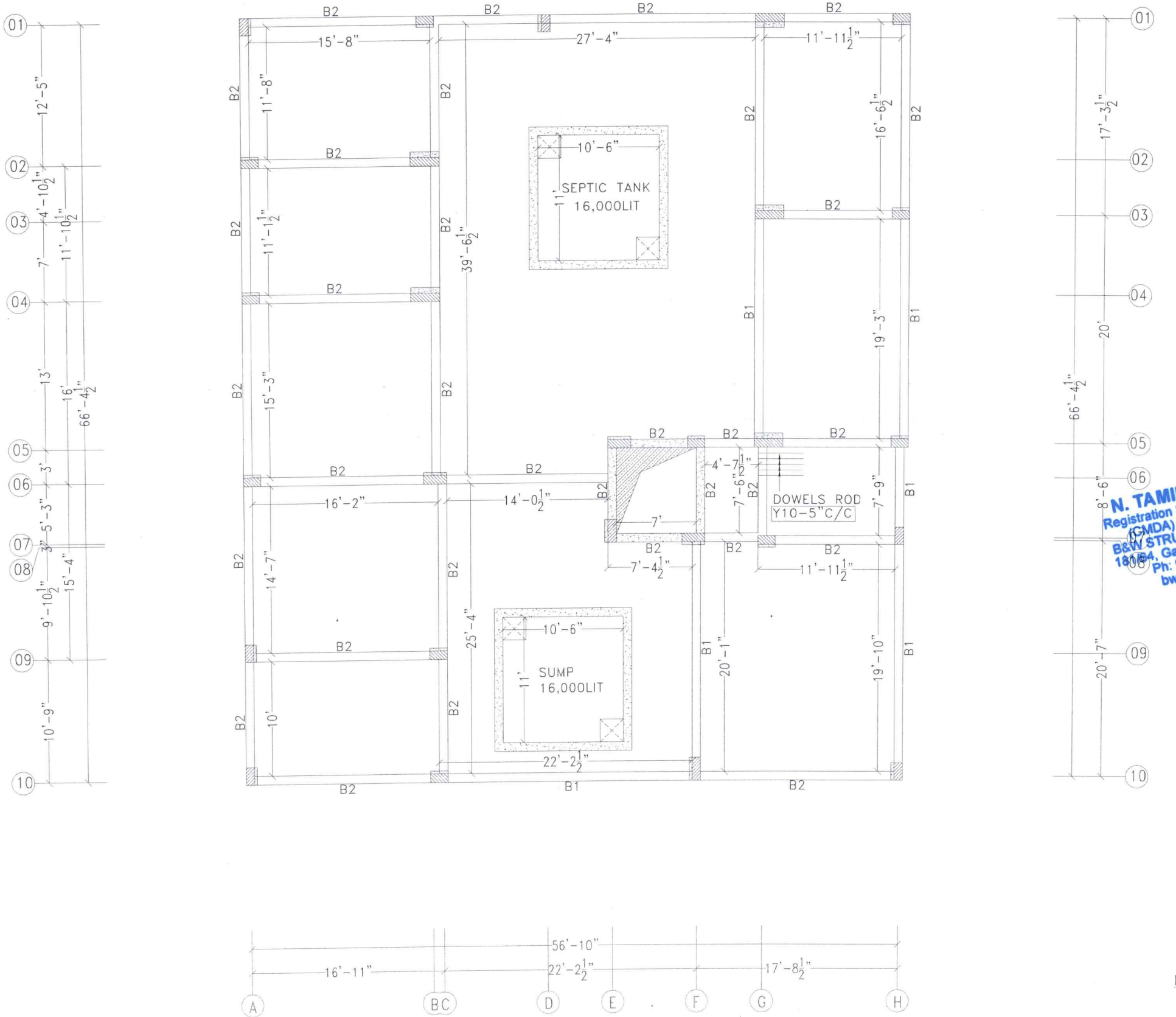
DIRECTION:– N W E S

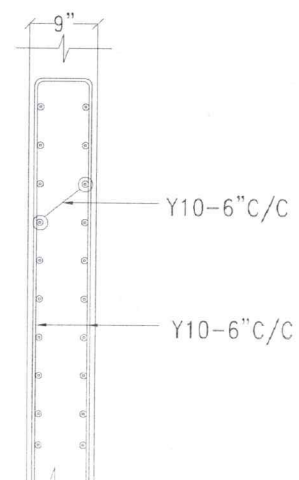
N.TAMILVANAN M.E(STRUCT.)
CMDA, CORPORATION & DTCP
Registered Structural Engineer GRADE–1(SE)
B&W STRUCTURAL DESIGN CONSULTANT
181/64,GANDHI ROAD, VELACHERY, CHENNAI–42.
9677044466, 9677044515, 044–43237175.
bwstructuraldesign@gmail.com.

ISSUED FOR:– ☑ CONSTRUCTION ONLY

BRICK- AAC BLOCK ONLY







LIFT RCC WALL DETAILS
SECTION- 1-1

ISSUED FOR:- ☑ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:-

1.0 ALL DIMENSIONS ARE IN FEET & INCHES
LEVELS ARE IN FEET & INCHES.

2.0 GRADE:-
ALL CONCRETE - M25(1:1:2), (OR),
READY MIX CONCRETE -M30(AS PER MIX DESIGN),
STEEL - FE 500. BRICK- AAC BLOCK

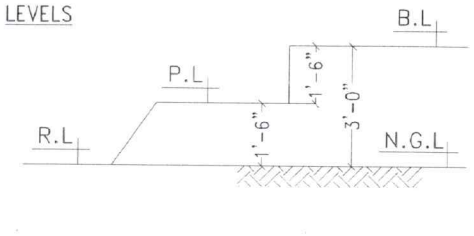
3.0 COVER:-
FOOTING-2", COLUMN-1.5", BEAM-1", SLAB-¾",
RC WALL-1.5", WAIST SLAB-¾",

4.0 DESIGNED:-
BUILDING DESIGN - S+5 ONLY.
STRUCTURAL DETAILED DRAWING - S+5 ONLY.

5.0 SOIL TEST:-
SOIL TEST REPORT NO: 2453
SBC - 200 kN/M2 AT 8'-0" FROM NGL

NOTE	DESCRIPTION	SYMBOL
B	BEAM	
TB	TIE BEAM	
	LIFT OPENING	

LEVELS



PROJECT:-
CLIENT: Mr.S.APPAN
THE PROPOSED RESIDENTIAL BUILDING
AT MADIPAKKAM, CHENNAI.

ARCHITECT:-
JANAV
HOUSINGS PVT LTD
39/19,G3,Akshaya flats,3rd main road,Nanganallur
Nanganallur,chennai-600061.
Landline: 044-24740008

DATE:	12-09-2025	ST-03
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST-2023/02/250/02/01	

TITLE:-
GRADE BEAM LAYOUT

REVISION:-
R2

DIRECTION:-
N
W E
S

N.TAMILVANAN M.E(STRUCT.)
CMDA, CORPORATION & DTCP
Registered Structural Engineer GRADE-1(SE)
B&W STRUCTURAL DESIGN CONSULTANT
181/64,GANDHI ROAD, VELACHERY, CHENNAI-42.
9677044466, 9677044515, 044-43237175.
bwstructuraldesign@gmail.com.

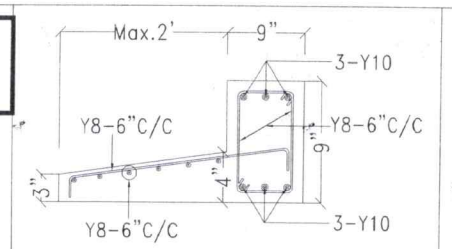
ISSUED FOR:- ☑ CONSTRUCTION ONLY

N. TAMILVANAN, M.E.(STRUCT.,)
Registration Structural Engineer GRADE-I (SE)
(CMDA) REG.No.SE/GR-I/2024/02/005
B&W STRUCTURAL DESIGN CONSULTANT
181/64, Gandhi Road, Velachery, Chennai-42.
Ph: 9677044466, 044 - 43237175
bwstructuraldesign@gmail.com

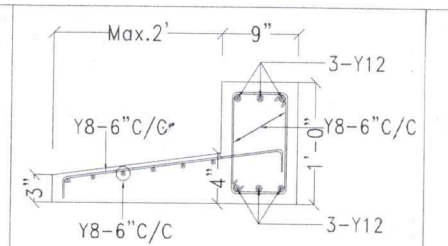
GRADE BEAM REINFORCEMENT SCHEDULE:-

BEAM SIZE B&D	BEAM @ LEFT CANTILEVER	BEAM @ LEFT	BEAM @ MIDDLE	BEAM @ RIGHT	BEAM @ RIGHT CANTILEVER
0'-9"X2'-0"					
B1	- - - -	3-Y12(T), 2-Y12(T), Y8-5"C/C, 2-Y12(T), 3-Y12(T)	3-Y12(T), 2-Y12(T), Y8-7"C/C, 2-Y12(T), 3-Y12(T)	3-Y12(T), 2-Y12(T), Y8-5"C/C, 2-Y12(T), 3-Y12(T)	- - - -
0'-9"X1'-6"					
B2	- - - -	3-Y12(T), 2-Y12(T), Y8-5"C/C, 2-Y12(T), 3-Y12(T)	3-Y12(T), 2-Y12(T), Y8-7"C/C, 2-Y12(T), 3-Y12(T)	3-Y12(T), 2-Y12(T), Y8-5"C/C, 2-Y12(T), 3-Y12(T)	- - - -

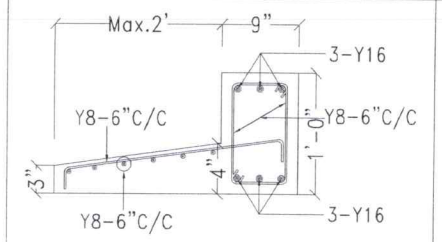
BRICK- AAC BLOCK ONLY



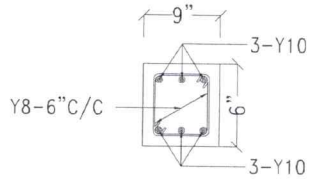
OPENING UP TO 5'-0"



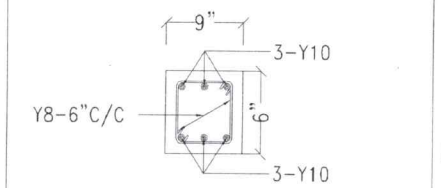
OPENING UP TO 5'-0" TO 8'-0"



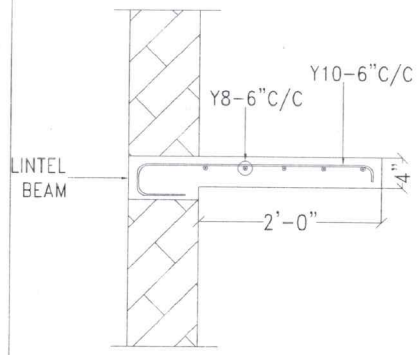
OPENING UP TO 8'-0" TO 10'-0"



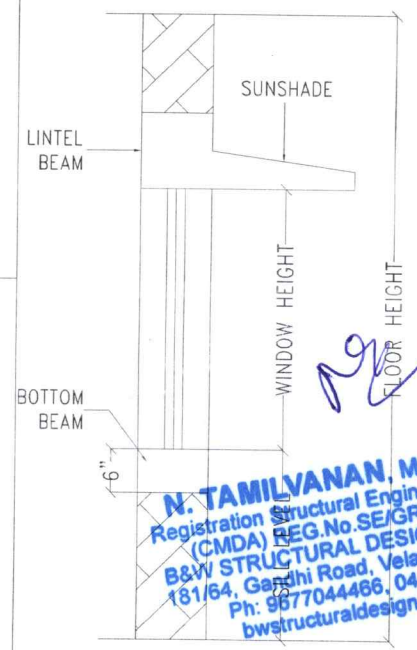
CONTINUOUS LINTEL BEAM(LB)



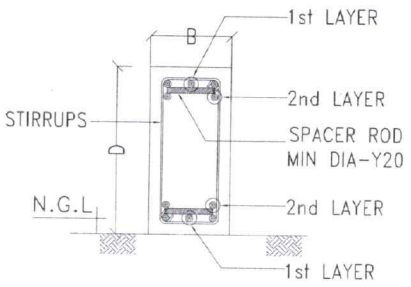
BOTTOM LINTEL BEAM(BB)



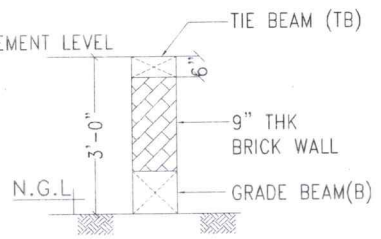
LOFT SLAB



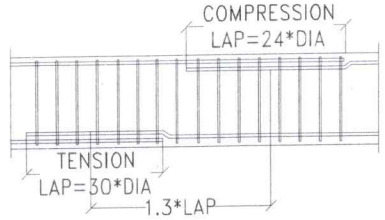
LINTEL CROSS SECTION



TYPICAL CROSS SECTION BEAM



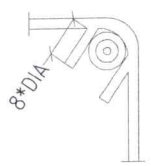
BASEMENT LEVEL TIE BEAM



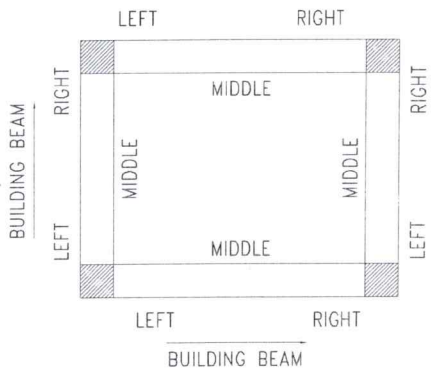
BEAM REINFORCEMENT LAPPING

BASEMENT LEVEL BEAM REINFORCEMENT SCHEDULE:-

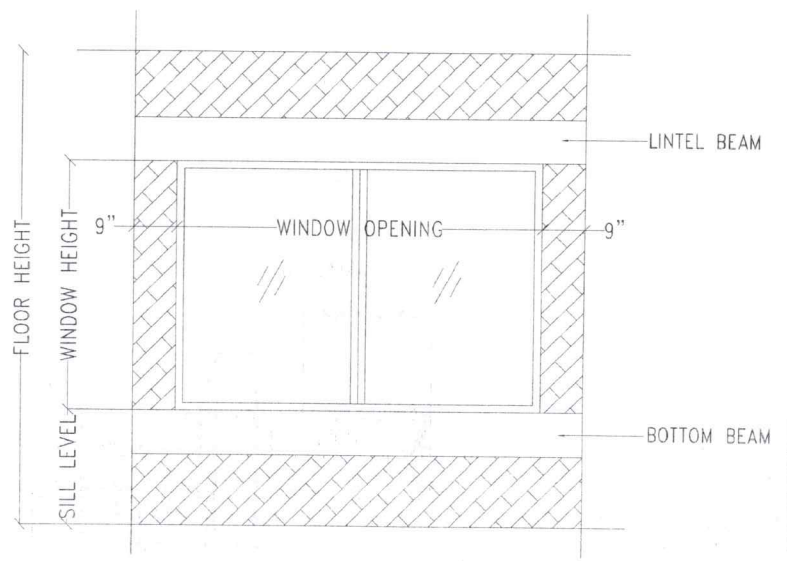
BEAM SIZE B&D	BEAM DETAILS
0'-9"x0'-6"	
TB1	3-Y10(T), Y8-6"C/C, 3-Y10(T)

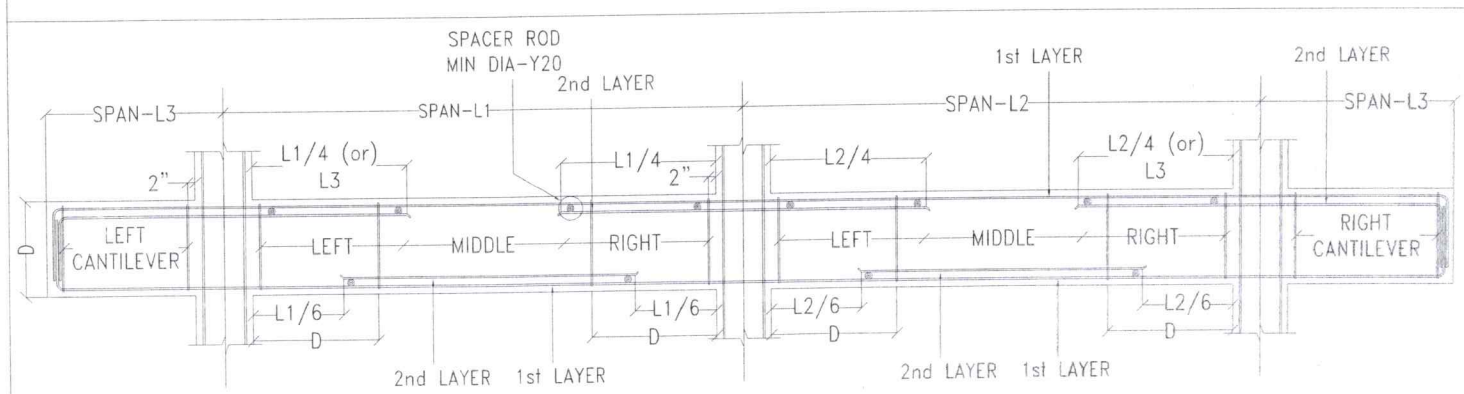


ANCHORING ENDS OF STIRRUPS



DIRECTION OF BEAM ARRANGEMENT





TYPICAL LONGITUDINAL BEAM SECTION DETAILS

ISSUED FOR:- CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:-

1.0 ALL DIMENSIONS ARE IN FEET & INCHES
LEVELS ARE IN FEET & INCHES.

2.0 GRADE:-
ALL CONCRETE - M25(1:1:2), (OR),
READY MIX CONCRETE -M30(AS PER MIX DESIGN),
STEEL - FE 500. BRICK- AAC BLOCK

3.0 COVER:-
FOOTING-2", COLUMN-1.5", BEAM-1", SLAB-$\frac{3}{4}$",
RC WALL-1.5", WAIST SLAB-$\frac{3}{4}$",

4.0 DESIGNED:-
BUILDING DESIGN - S+5 ONLY.
STRUCTURAL DETAILED DRAWING - S+5 ONLY.

5.0 SOIL TEST:-
SOIL TEST REPORT NO: 2453
SBC - 200 kN/M2 AT 8'-0" FROM NGL

PROJECT:-

CLIENT: Mr.S.APPAN

PROPOSED RESIDENTIAL BUILDING AT MADIPAKKAM, CHENNAI.

ARCHITECT:-

JANAV
HOUSINGS PVT LTD
39/19,G3,Akshaya flats,3rd main road,Nanganallur
Nanganallur,chennai:600061
Landline: 044-24740008

DATE:	12-09-2025
DRAWING BY:	CHANDRU
DESIGN BY:	NTV
PROJECT NO:	ST-2023/02/250/02/01

ST-03A

TITLE:-
GRADE BEAM & LOFT + LINTEL REINFORCEMENT DETAILS

REVISION:- R2

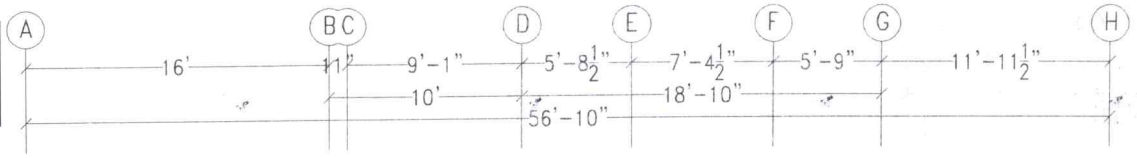
DIRECTION:- N, W, E, S

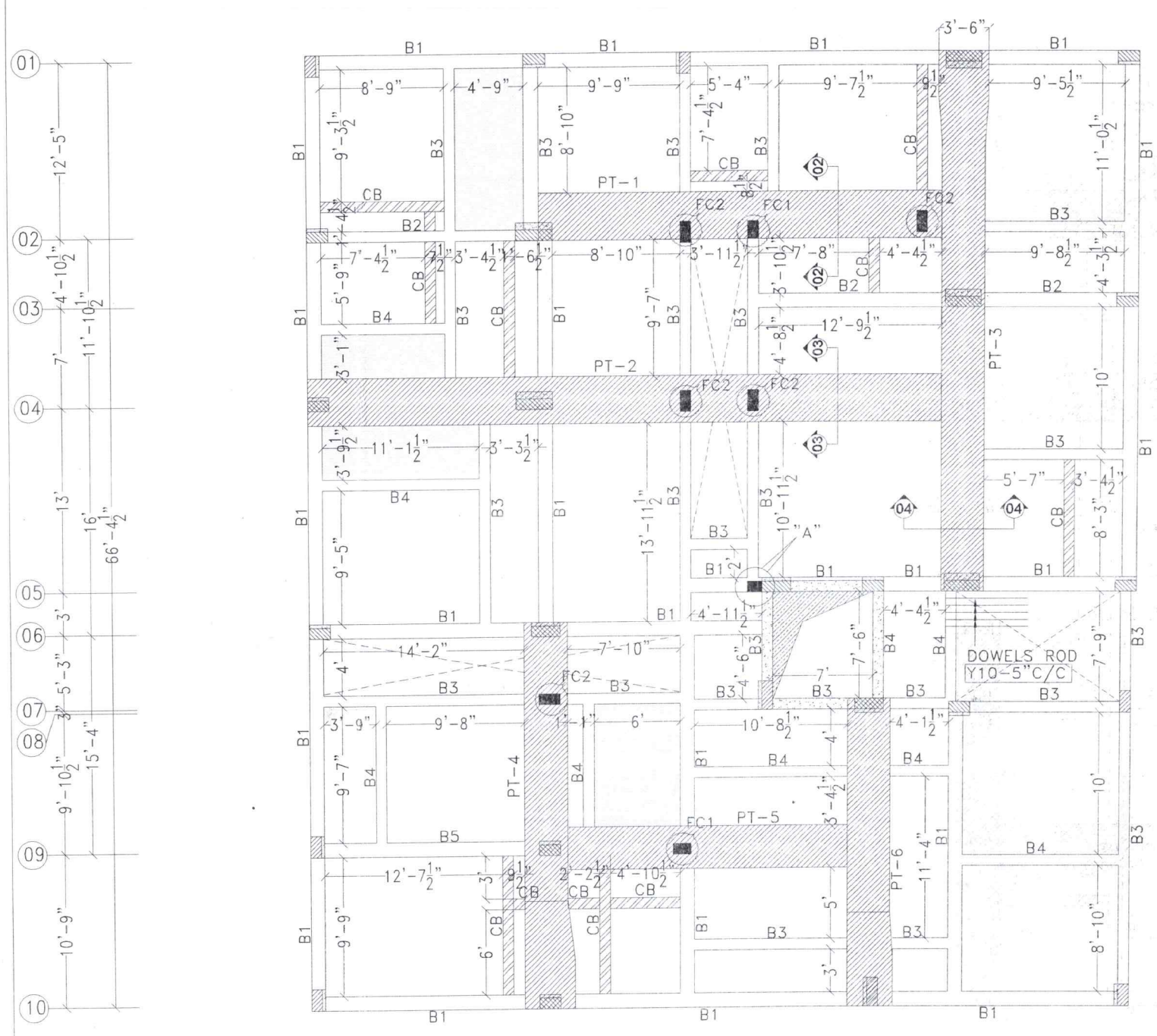
N.TAMILVANAN M.E(STRUCT.)
CMDA, CORPORATION & DTCP
Registered Structural Engineer GRADE-1(SE)
B&W STRUCTURAL DESIGN CONSULTANT
181/64,GANDHI ROAD, VELACHERY, CHENNAI-42.
9677044466, 9677044515, 044-43237175.
bwstructuraldesign@gmail.com,

N. TAMILVANAN, M.E.(STRUCT.)
Registration Structural Engineer GRADE-I (SE)
(CMDA) REG.No.SE/GR-I/2024/02/005
B&W STRUCTURAL DESIGN CONSULTANT
181/64, Gandhi Road, Velachery, Chennai-42.
Ph: 9677044466, 044 - 43237175
bwstructuraldesign@gmail.com

ISSUED FOR:- CONSTRUCTION ONLY

BRICK- AAC BLOCK ONLY





ISSUED FOR:- ☑ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:-

1.0 ALL DIMENSIONS ARE IN FEET & INCHES
LEVELS ARE IN FEET & INCHES.

2.0 GRADE:-
ALL CONCRETE - M25(1:1:2), (OR),
READY MIX CONCRETE -M30(AS PER MIX DESIGN),
STEEL - FE 500. BRICK- AAC BLOCK

3.0 COVER:-
FOOTING-2", COLUMN-1.5", BEAM-1", SLAB-¾",
RC WALL-1.5", WAIST SLAB-¾",

4.0 DESIGNED:-
BUILDING DESIGN - S+5 ONLY.
STRUCTURAL DETAILED DRAWING - S+5 ONLY.

5.0 SOIL TEST:-
SOIL TEST REPORT NO: 2453
SBC - 200 kN/M2 AT 8'-0" FROM NGL

NOTE	DESCRIPTION	SYMBOL
B	BEAM	
CB	CONCEALED BEAM	

PROJECT:-

CLIENT: Mr.S.APPAN

THE PROPOSED RESIDENTIAL BUILDING AT MADIPAKKAM, CHENNAI.

ARCHITECT:-

JANAV
HOUSINGS PVT LTD
39/19,G3,Akshaya flats,3rd main road,Nanganallur
Nanganallur,chennai 600061
Landline: 044-24740008

N. TAMILVANAN, M.E.(STRUCT.,)
Registration Structural Engineer GRADE-I (SE)
(CMDA) REG.No.SE/GR-I/2024/02/005
B&W STRUCTURAL DESIGN CONSULTANT
181/64, Gandhi Road, Velachery, Chennai-42.
Ph: 9677044466, 044 - 43237175
bwstructuraldesign@gmail.com

DATE:	12-09-2025
DRAWING BY:	CHANDRU
DESIGN BY:	NTV
PROJECT NO:	ST-2023/02/250/02/01

ST-04

TITLE:-
GROUND FLOOR ROOF BEAM LAYOUT

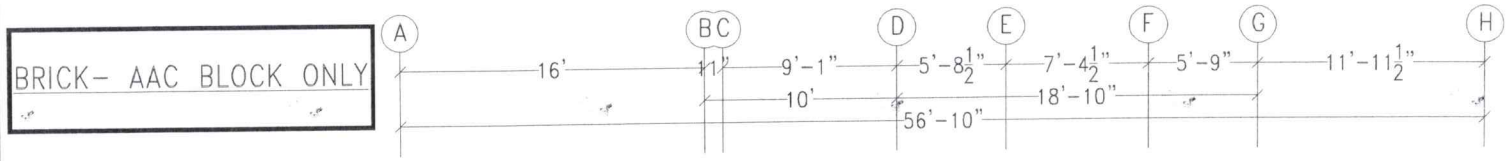
REVISION:- R2

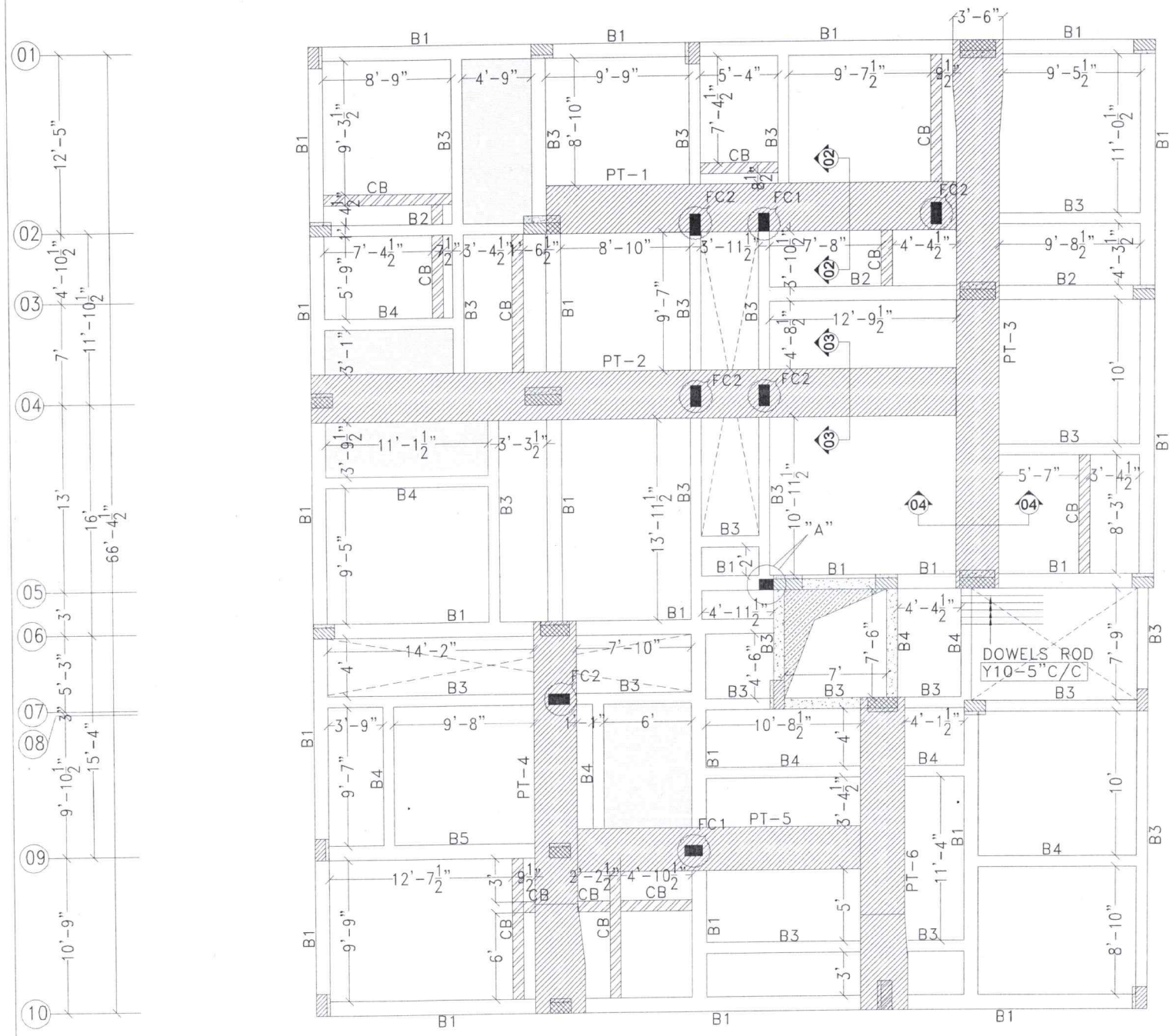
DIRECTION:- N W E S

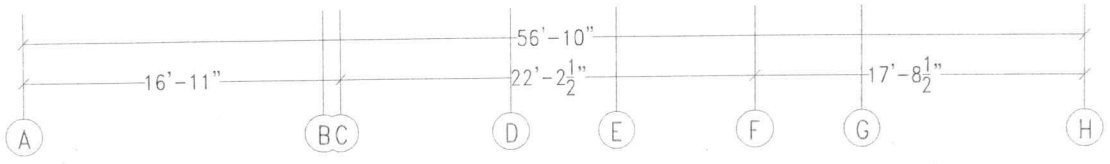
N.TAMILVANAN M.E(STRUCT.)
CMDA, CORPORATION & DTCP
Registered Structural Engineer GRADE-1(SE)
B&W STRUCTURAL DESIGN CONSULTANT
181/64,GANDHI ROAD, VELACHERY, CHENNAI-42.
9677044466, 9677044515, 044-43237175.
bwstructuraldesign@gmail.com.

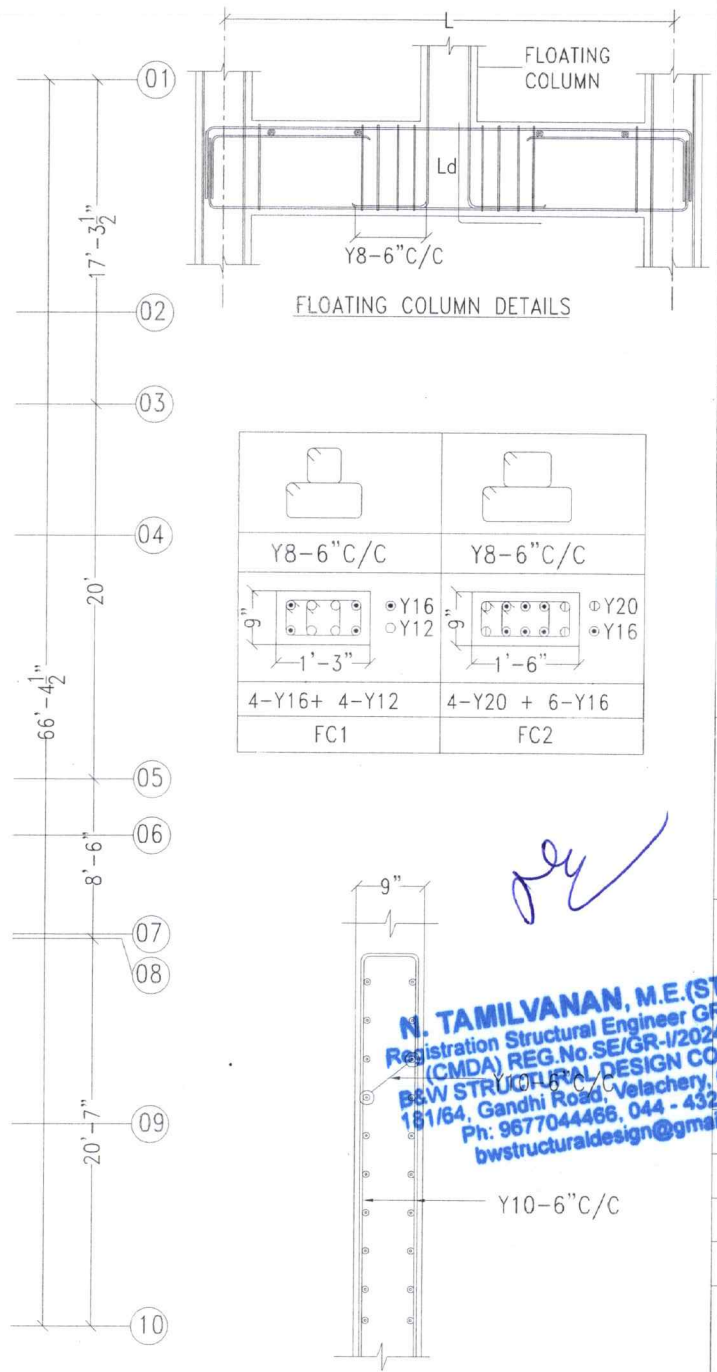
ISSUED FOR:- ☑ CONSTRUCTION ONLY

BRICK- AAC BLOCK ONLY









FLOATING COLUMN DETAILS

LIFT RCC WALL DETAILS
SECTION- 1-1

ISSUED FOR:- ☑ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:-

1.0 ALL DIMENSIONS ARE IN FEET & INCHES
LEVELS ARE IN FEET & INCHES.

2.0 GRADE:-
ALL CONCRETE - M25(1:1:2), (OR),
READY MIX CONCRETE -M30(AS PER MIX DESIGN),
STEEL - FE 500. BRICK- AAC BLOCK

3.0 COVER:-
FOOTING-2", COLUMN-1.5", BEAM-1", SLAB-¾",
RC WALL-1.5", WAIST SLAB-¾",

4.0 DESIGNED:-
BUILDING DESIGN - S+5 ONLY.
STRUCTURAL DETAILED DRAWING - S+5 ONLY.

5.0 SOIL TEST:-
SOIL TEST REPORT NO: 2453
SBC - 200 kN/M2 AT 8'-0" FROM NGL

NOTE	DESCRIPTION	SYMBOL
B	BEAM	
CB	CONCEALED BEAM	

PROJECT:-

CLIENT: Mr.S.APPAN

THE PROPOSED RESIDENTIAL BUILDING AT MADIPAKKAM, CHENNAI.

ARCHITECT:-

JANAV
HOUSINGS PVT LTD
35/19,G3,Akshaya flats,3rd main road,Nanganallur
Nanganallur,chennai-600061.
Landline: 044-24740008

N. TAMILVANAN, M.E.(STRUCT.,)
Registration Structural Engineer GRADE-I (SE)
(CMDA) REG.No.SE/GR-I/2024/02/005
B&W STRUCTURAL DESIGN CONSULTANT
181/64, Gandhi Road, Velachery, Chennai-42.
Ph: 9677044466, 044 - 43237176
bwstructuraldesign@gmail.com

DATE:	12-09-2025	ST-04
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST-2023/02/250/02/01	

TITLE:-
GROUND FLOOR ROOF BEAM LAYOUT

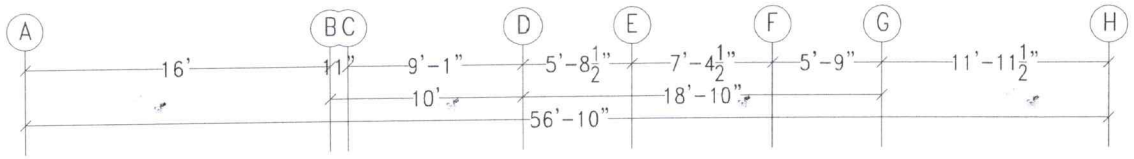
REVISION:- R2

DIRECTION:- N W E S

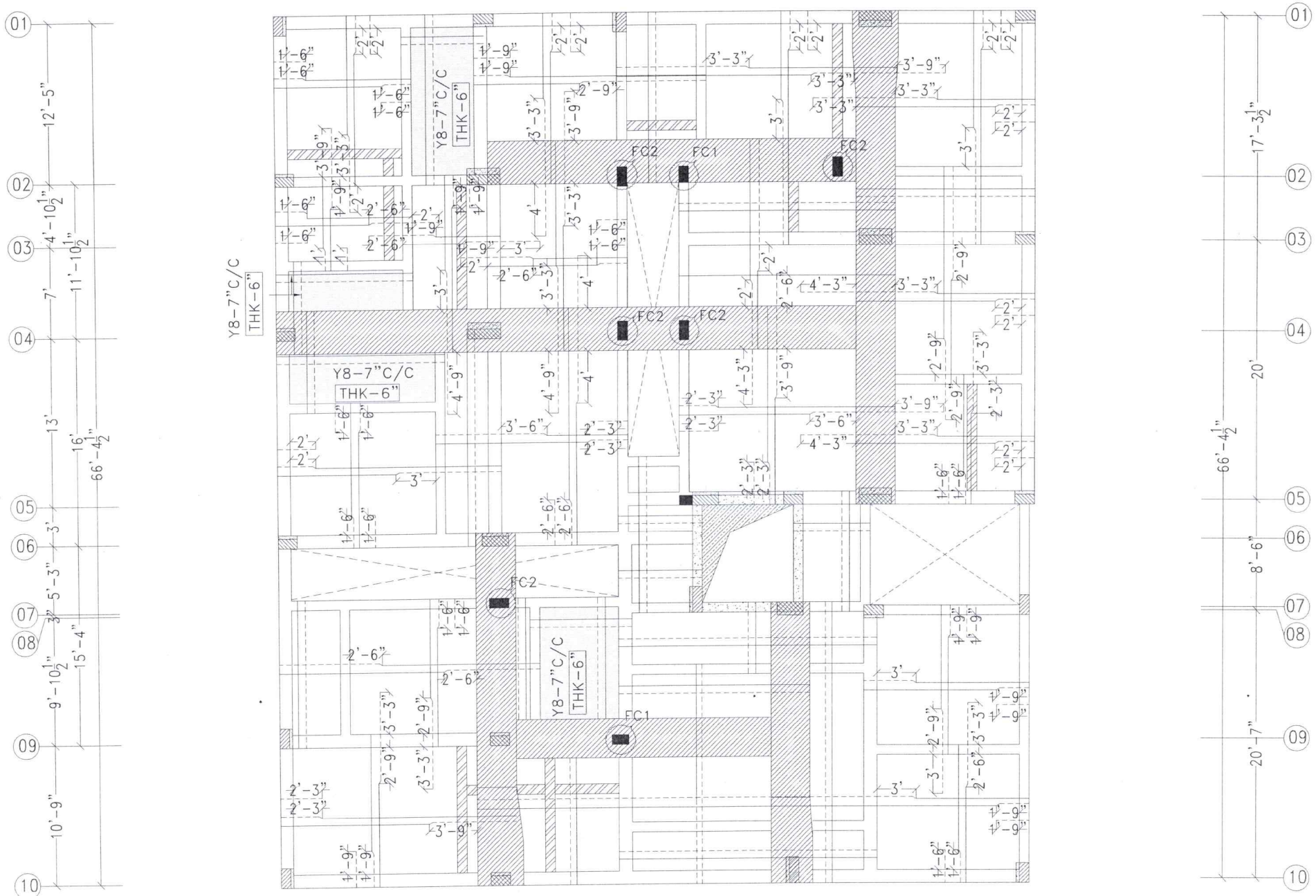
N.TAMILVANAN M.E(STRUCT.)
CMDA, CORPORATION & DTCP
Registered Structural Engineer GRADE-1(SE)
B&W STRUCTURAL DESIGN CONSULTANT
181/64,GANDHI ROAD, VELACHERY, CHENNAI-42.
9677044466, 9677044515, 044-43237175.
bwstructuraldesign@gmail.com,

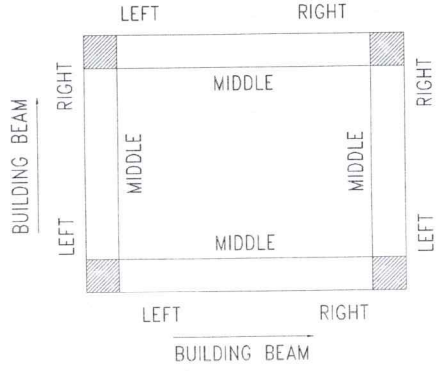
ISSUED FOR:- ☑ CONSTRUCTION ONLY

BRICK- AAC BLOCK ONLY

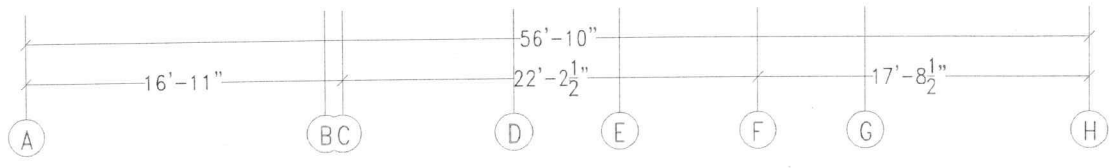


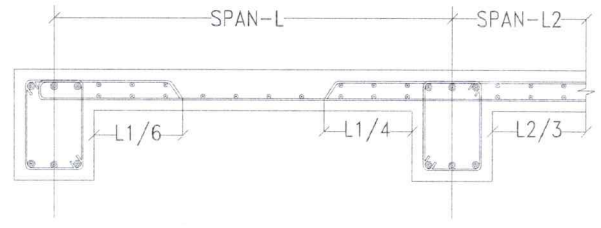
NOTE:
ALL SLABS
Y10-7"C/C AT BOTH SIDE
THK-6"
EXCEPT MENTONED SLAB





DIRECTION OF BEAM ARRANGEMENT





TYPICAL ROOF SLAB REINFORCEMENT DETAILS

GENERAL TECHNICAL NOTES:-

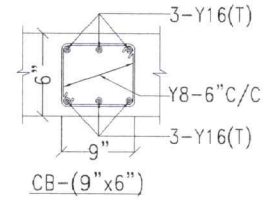
1.0 ALL DIMENSIONS ARE IN FEET & INCHES
LEVELS ARE IN FEET & INCHES.

2.0 GRADE:-
ALL CONCRETE - M25(1:1:2), (OR),
READY MIX CONCRETE -M30(AS PER MIX DESIGN),
STEEL - FE 500. BRICK- AAC BLOCK

3.0 COVER:-
FOOTING-2", COLUMN-1.5", BEAM-1", SLAB-¾",
RC WALL-1.5", WAIST SLAB-¾",

4.0 DESIGNED:-
BUILDING DESIGN - S+5 ONLY.
STRUCTURAL DETAILED DRAWING - S+5 ONLY.

5.0 SOIL TEST:-
SOIL TEST REPORT NO: 2453
SBC - 200 kN/M2 AT 8'-0" FROM NGL



CB-(9"x6")

- - - - - - - - - TOP REINFORCEMENT
——————— BOTTOM REINFORCEMENT

PROJECT:-
CLIENT: Mr.S.APPAN
THE PROPOSED RESIDENTIAL BUILDING AT MADIPAKKAM, CHENNAI.

ARCHITECT:-
JANAV
HOUSINGS PVT LTD
39/19,G3,Akshaya flats,3rd main road,Nanganallur
Nanganallur,chennai-600061.
Landline: 044-24740008

DATE:	12-09-2025
DRAWING BY:	CHANDRU
DESIGN BY:	NTV
PROJECT NO:	ST-2023/02/250/02/01

ST-04A

TITLE:- GROUND FLOOR ROOF SLAB REINFORCEMENT LAYOUT

REVISION:-
R2

DIRECTION:-
N
W E
S

N. TAMILVANAN, M.E.(STRUCT.)
Registration Structural Engineer GRADE-I (SE)
(CMDA) REG.No.SE/GR-I/2024/02/005
B&W STRUCTURAL DESIGN CONSULTANT
181/64, Gandhi Road, Velachery, Chennai-42.
Ph: 9677044466, 044 - 43237178
bwstructuraldesign@gmail.com

N.TAMILVANAN M.E(STRUCT.)
CMDA, CORPORATION & DTCP
Registered Structural Engineer GRADE-1(SE)
B&W STRUCTURAL DESIGN CONSULTANT
181/64,GANDHI ROAD, VELACHERY, CHENNAI-42.
9677044466, 9677044515, 044-43237175.
bwstructuraldesign@gmail.com,

ISSUED FOR:- CONSTRUCTION ONLY

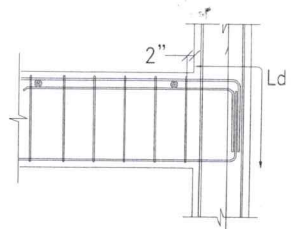
GROUND FLOOR ROOF BEAM REINFORCEMENT SCHEDULE:-

BEAM SIZE B&D	BEAM @ LEFT CANTILEVER	BEAM @ LEFT	BEAM @ MIDDLE	BEAM @ RIGHT	BEAM @ RIGHT CANTILEVER
1'-0"X1'-6"		4-Y16(T)	4-Y16(T)	4-Y16(T)	
B1	- - - -	2-Y16(T)	2-Y16(T)	2-Y16(T)	- - - -
		Y10-5"C/C	Y10-5"C/C	Y10-5"C/C	
		2-Y16(T)	2-Y16(T)	2-Y16(T)	
		4-Y16(T)	4-Y16(T)	4-Y16(T)	
1'-0"X1'-6"		4-Y20(T)	4-Y20(T)	4-Y20(T)	
B2	- - - -	2-Y20(T)	2-Y20(T)	2-Y20(T)	- - - -
		Y8-5"C/C	Y8-7"C/C	Y8-5"C/C	
		2-Y20(T)	2-Y20(T)	2-Y20(T)	
		4-Y20(T)	4-Y20(T)	4-Y20(T)	
0'-9"X1'-6"		3-Y16(T)	3-Y16(T)	3-Y16(T)	
B3	- - - -	2-Y16(C)	Y8-7"C/C	2-Y16(C)	- - - -
		Y8-5"C/C	2-Y16(T)	Y8-5"C/C	
		2-Y16(T)	3-Y16(T)	2-Y16(T)	
		3-Y16(T)		3-Y16(T)	
0'-9"X1'-3"		2-Y12(T)+ 1-Y16(T)	2-Y12(T)+ 1-Y16(T)	2-Y12(T)+ 1-Y16(T)	
B4	- - - -	Y8-5"C/C	Y8-7"C/C	Y8-5"C/C	- - - -
		2-Y12(T)+ 1-Y16(T)	2-Y12(T)+ 1-Y16(T)	2-Y12(T)+ 1-Y16(T)	
1'-0"X2'-0"		4-Y20(T)	4-Y20(T)	4-Y20(T)	
B5	- - - -	2-Y25(T)	2-Y25(T)	2-Y25(T)	- - - -
		Y8-5"C/C 4-LEG	Y8-7"C/C 4-LEG	Y8-5"C/C 4-LEG	
		2-Y25(T)	2-Y25(T)	2-Y25(T)	
		4-Y20(T)	4-Y20(T)	4-Y20(T)	

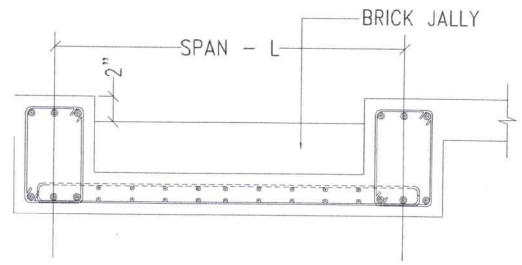
GROUND FLOOR ROOF PT BEAM SCHEDULE:-

BEAM NO	BEAM SIZE B&D	SECTIONS
PB1	3'-4"X2'-7"	RC SLAB, (02), RC SLAB; 2'-7"; 3'-4"
PB2	3'-4"X2'-7"	RC SLAB, (04), RC SLAB; 2'-7"; 3'-4"
PB3	3'-0"X2'-7"	RC SLAB, (G), RC SLAB; 2'-7"; 3'-0"
PT4 PT5 PT6	3'-0"X1'-9"	RC SLAB, RC SLAB; 1'-9"; 3'-0"

BRICK- AAC BLOCK ONLY



ANCHOR REINFORCEMENT DETAILS FOR END BEAM



TOILET SUNKEN DETAILS

N. TAMILVANAN, M.E.(STRUCT.,)
Registration Structural Engineer GRADE-I (SE)
(CMDA) REG.No.SE/GR-I/2024/02/005
B&W STRUCTURAL DESIGN CONSULTANT
181/64, Gandhi Road, Velachery, Chennai-42.
Ph: 9677044466, 044 - 43237175
bwstructuraldesign@gmail.com

ISSUED FOR:- ☑ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:-

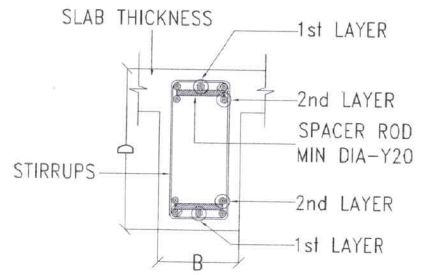
1.0 ALL DIMENSIONS ARE IN FEET & INCHES
LEVELS ARE IN FEET & INCHES.

2.0 GRADE:-
ALL CONCRETE - M25(1:1:2), (OR),
READY MIX CONCRETE -M30(AS PER MIX DESIGN),
STEEL - FE 500. BRICK- AAC BLOCK

3.0 COVER:-
FOOTING-2", COLUMN-1.5", BEAM-1", SLAB-¾",
RC WALL-1.5", WAIST SLAB-¾",

4.0 DESIGNED:-
BUILDING DESIGN - S+5 ONLY.
STRUCTURAL DETAILED DRAWING - S+5 ONLY.

5.0 SOIL TEST:-
SOIL TEST REPORT NO: 2453
SBC - 200 kN/M2 AT 8'-0" FROM NGL



B(TYP.) C/S ROOF BEAM

PROJECT:-

CLIENT: Mr.S.APPAN

THE PROPOSED RESIDENTIAL BUILDING AT MADIPAKKAM, CHENNAI.

ARCHITECT:-

JANAV
HOUSINGS PVT LTD
39/19,G3,Akshaya flats,,3rd main road,Nanganallur
Nanganallur,chennai-600061
Landline: 044-24740008

DATE:	12-09-2025	ST-04B
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST-2023/02/250/02/01	

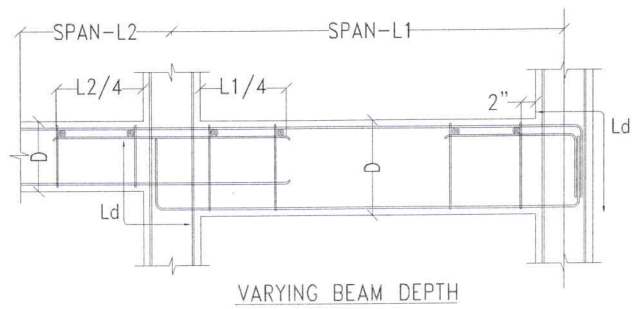
TITLE:- GROUND FLOOR ROOF BEAM REINFORCEMENT DETAILS

REVISION:- R2

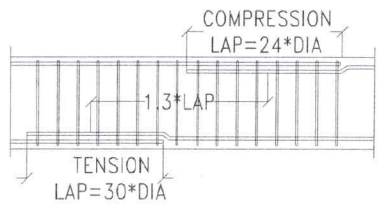
DIRECTION:- N, W, E, S

N.TAMILVANAN M.E(STRUCT.)
CMDA, CORPORATION & DTCP
Registered Structural Engineer GRADE-1(SE)
B&W STRUCTURAL DESIGN CONSULTANT
181/64,GANDHI ROAD, VELACHERY, CHENNAI-42.
9677044466, 9677044515, 044-43237175.
bwstructuraldesign@gmail.com.

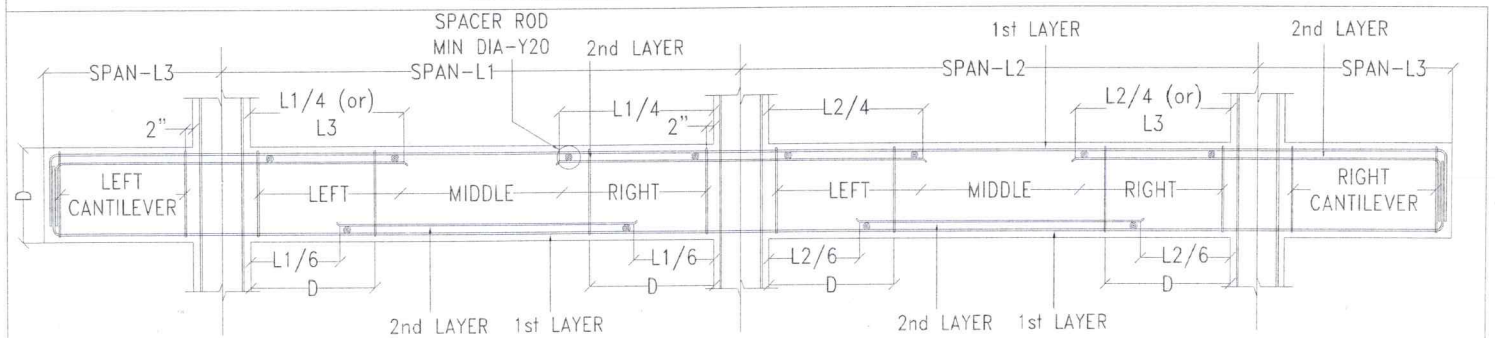
ISSUED FOR:- ☑ CONSTRUCTION ONLY



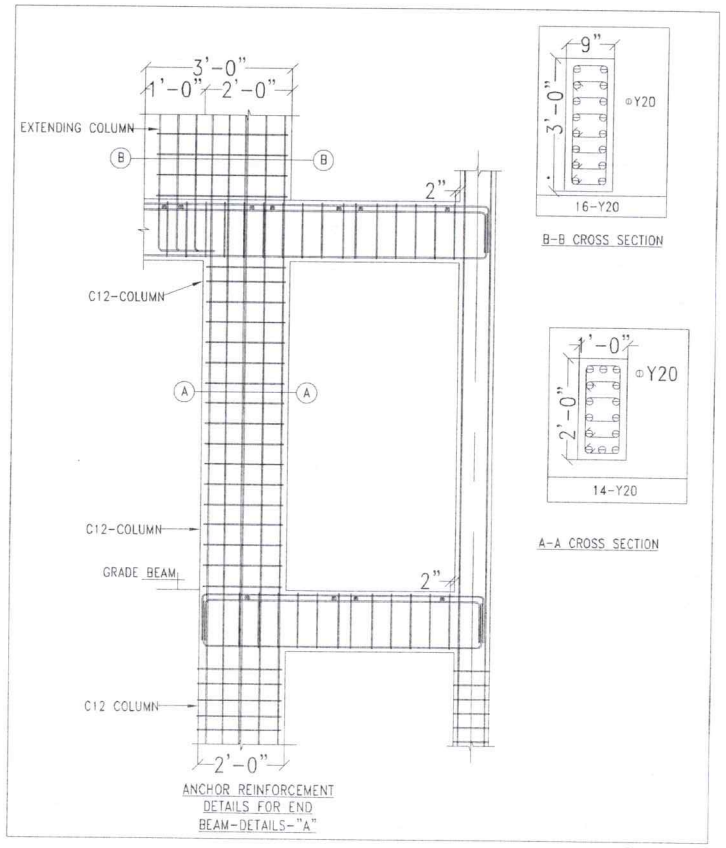
VARYING BEAM DEPTH



BEAM REINFORCEMENT LAPPING

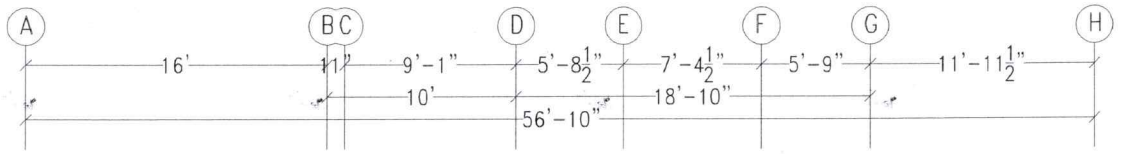


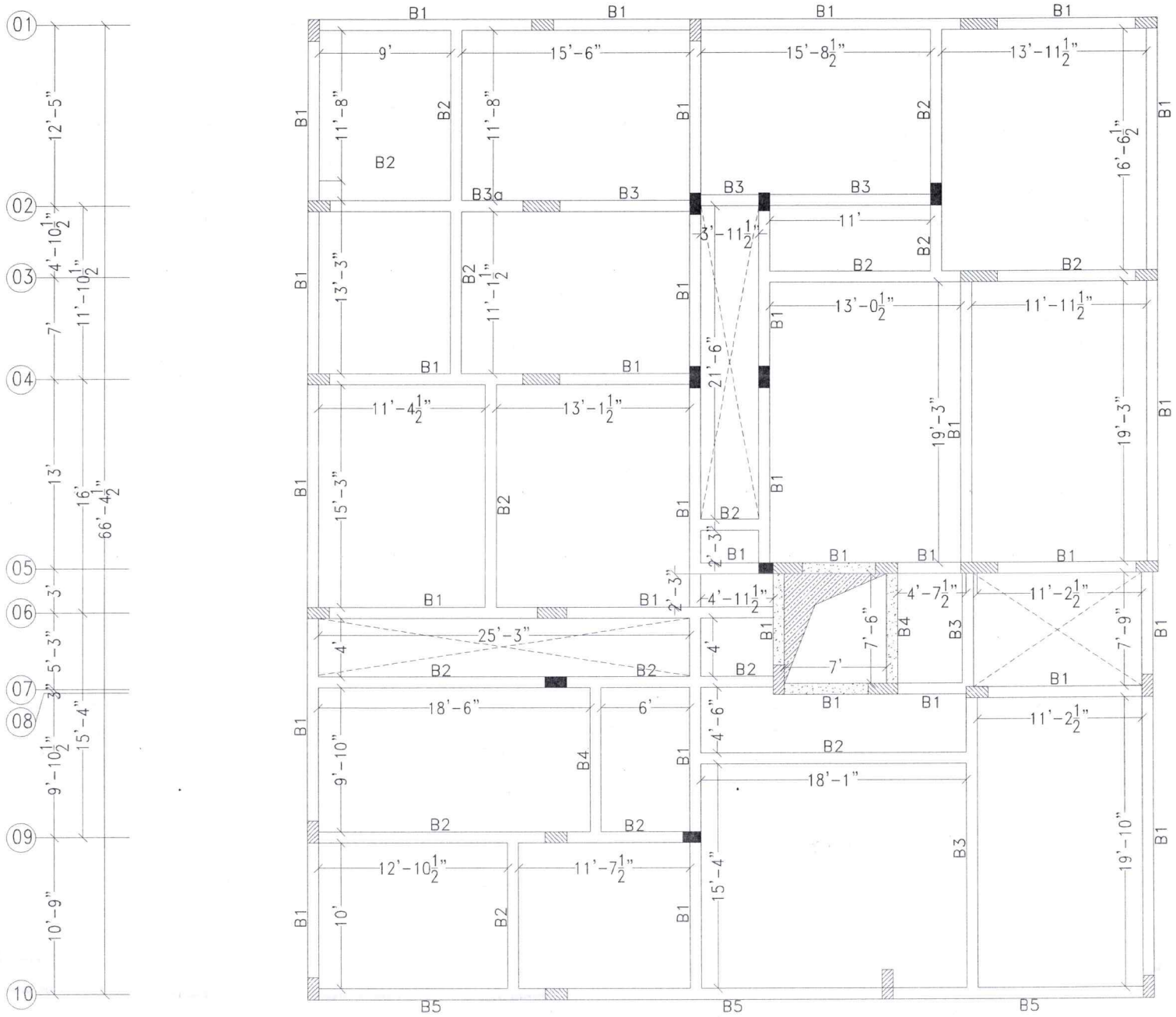
TYPICAL LONGITUDINAL BEAM SECTION DETAILS

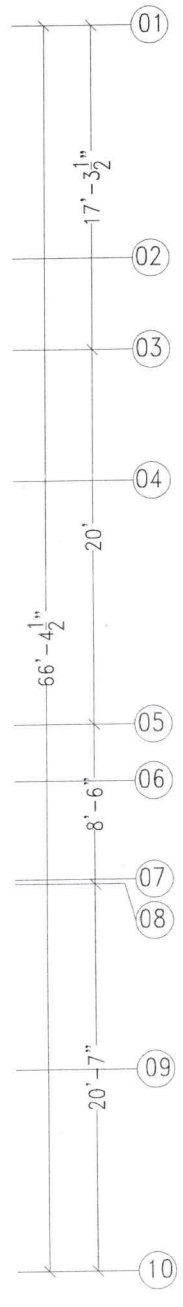


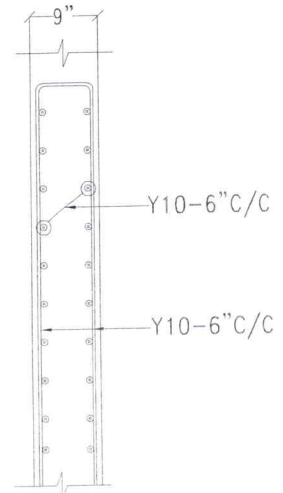
ANCHOR REINFORCEMENT DETAILS FOR END BEAM-DETAILS-"A"

BRICK- AAC BLOCK ONLY









LIFT RCC WALL DETAILS
SECTION- 1-1

N. TAMILVANAN, M.E.(STRUCT.)
Registration Structural Engineer GRADE-I (SE)
(CMDA) REG.No.SE/GR-I/2024/02/005
B&W STRUCTURAL DESIGN CONSULTANT
181/64, Gandhi Road, Velachery, Chennai-42.
Ph: 9677044466, 044 - 43237175
bwstructuraldesign@gmail.com

ISSUED FOR:- ☑ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:-

1.0 ALL DIMENSIONS ARE IN FEET & INCHES
LEVELS ARE IN FEET & INCHES.

2.0 GRADE:-
ALL CONCRETE - M25(1:1:2), (OR),
READY MIX CONCRETE -M30(AS PER MIX DESIGN),
STEEL - FE 500. BRICK- AAC BLOCK

3.0 COVER:-
FOOTING-2", COLUMN-1.5", BEAM-1", SLAB-¾",
RC WALL-1.5", WAIST SLAB-¾",

4.0 DESIGNED:-
BUILDING DESIGN - S+5 ONLY.
STRUCTURAL DETAILED DRAWING - S+5 ONLY.

5.0 SOIL TEST:-
SOIL TEST REPORT NO: 2453
SBC - 200 kN/M2 AT 8'-0" FROM NGL

NOTE	DESCRIPTION	SYMBOL
B	BEAM	
CB	CONCEALED BEAM	

PROJECT:-
CLIENT: Mr.S.APPAN
THE PROPOSED RESIDENTIAL BUILDING AT MADIPAKKAM, CHENNAI.

ARCHITECT:-
JANAV
HOUSINGS PVT LTD
39/19,G3,Akshaya flats,3rd main road,Nanganallur
Nanganallur,chennai 600061.
Landline: 044-24740008

DATE:	12-09-2025	ST-06
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST-2023/02/250/02/01	

TITLE:-
TERRACE FLOOR BEAM LAYOUT

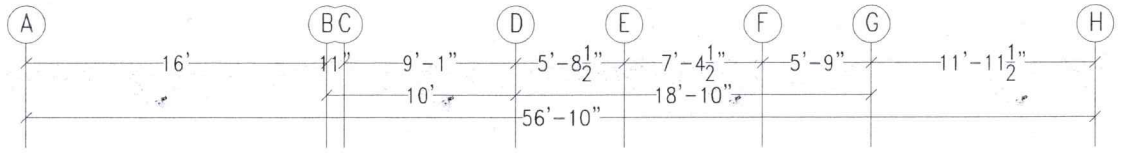
REVISION:-
R2

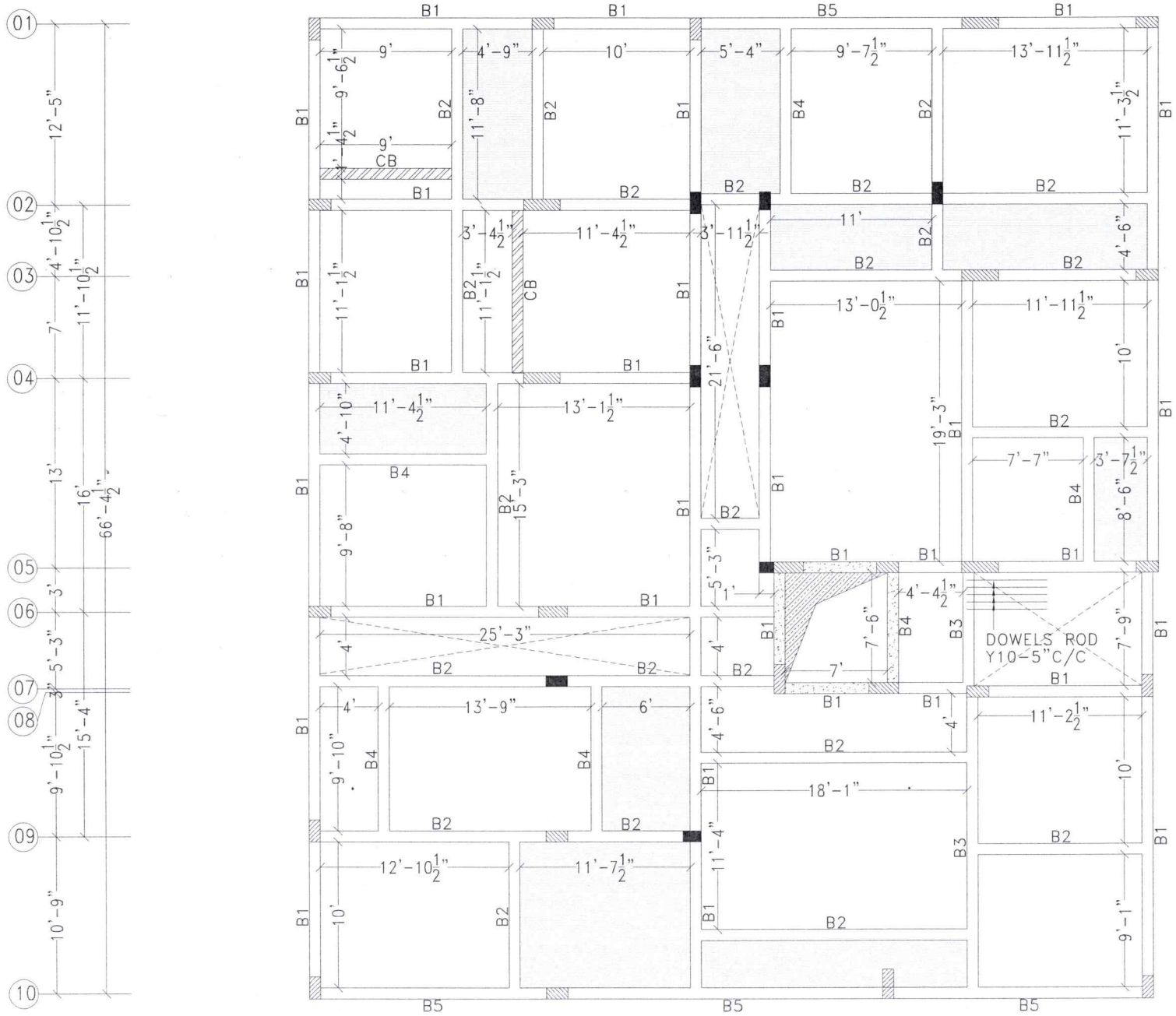
DIRECTION:-
N
W E
S

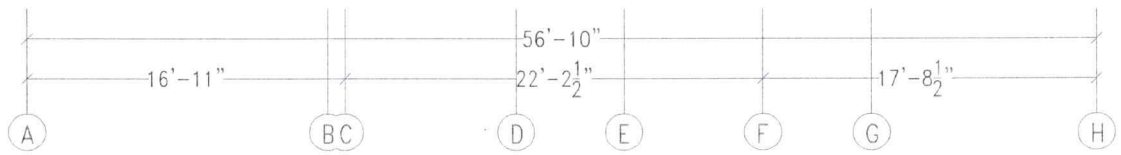
N.TAMILVANAN M.E(STRUCT.)
CMDA, CORPORATION & DTCP
Registered Structural Engineer GRADE-1(SE)
B&W STRUCTURAL DESIGN CONSULTANT
181/64,GANDHI ROAD, VELACHERY, CHENNAI-42.
9677044466, 9677044515, 044-43237175.
bwstructuraldesign@gmail.com,

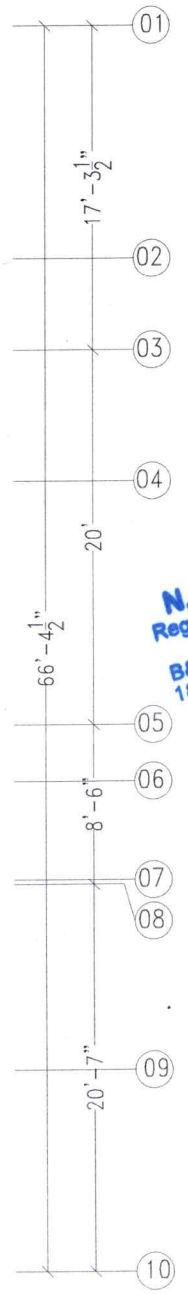
ISSUED FOR:- ☑ CONSTRUCTION ONLY

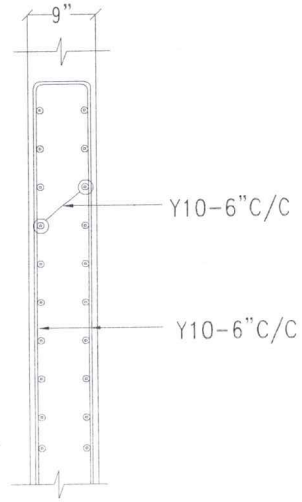
BRICK- AAC BLOCK ONLY











LIFT RCC WALL DETAILS
SECTION- 1-1

ISSUED FOR:- ☑ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:-

1.0 ALL DIMENSIONS ARE IN FEET & INCHES
LEVELS ARE IN FEET & INCHES.

2.0 GRADE:-
ALL CONCRETE - M25(1:1:2), (OR),
READY MIX CONCRETE -M30(AS PER MIX DESIGN),
STEEL - FE 500. BRICK- AAC BLOCK

3.0 COVER:-
FOOTING-2", COLUMN-1.5", BEAM-1", SLAB-¾",
RC WALL-1.5", WAIST SLAB-¾",

4.0 DESIGNED:-
BUILDING DESIGN - S+5 ONLY.
STRUCTURAL DETAILED DRAWING - S+5 ONLY.

5.0 SOIL TEST:-
SOIL TEST REPORT NO: 2453
SBC - 200 kN/M2 AT 8'-0" FROM NGL

NOTE	DESCRIPTION	SYMBOL
B	BEAM	
CB	CONCEALED BEAM	

N. TAMILVANAN, M.E.(STRUCT.,)
Registration Structural Engineer GRADE-I (SE)
(CMDA) REG.No.SE/GR-I/2024/02/005
B&W STRUCTURAL DESIGN CONSULTANT
181/64, Gandhi Road, Velachery, Chennai-42.
Ph: 9677044466, 044 - 43237175
bwstructuraldesign@gmail.com

PROJECT:-
CLIENT: Mr.S.APPAN
THE PROPOSED RESIDENTIAL BUILDING AT MADIPAKKAM, CHENNAI.

ARCHITECT:-
JANAV
HOUSINGS PVT LTD
39/19,G3,Akshaya flats,3rd main road,Nanganallur
Nanganallur,chennai-600061.
Landline: 044-24740008

DATE:	12-09-2025	ST-05
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST-2023/02/250/02/01	

TITLE:-
FIRST, SECOND, THIRD & FOURTH FLOOR ROOF BEAM LAYOUT

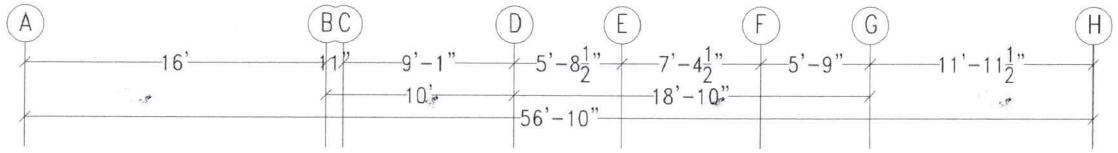
REVISION:- R2

DIRECTION:- N W E S

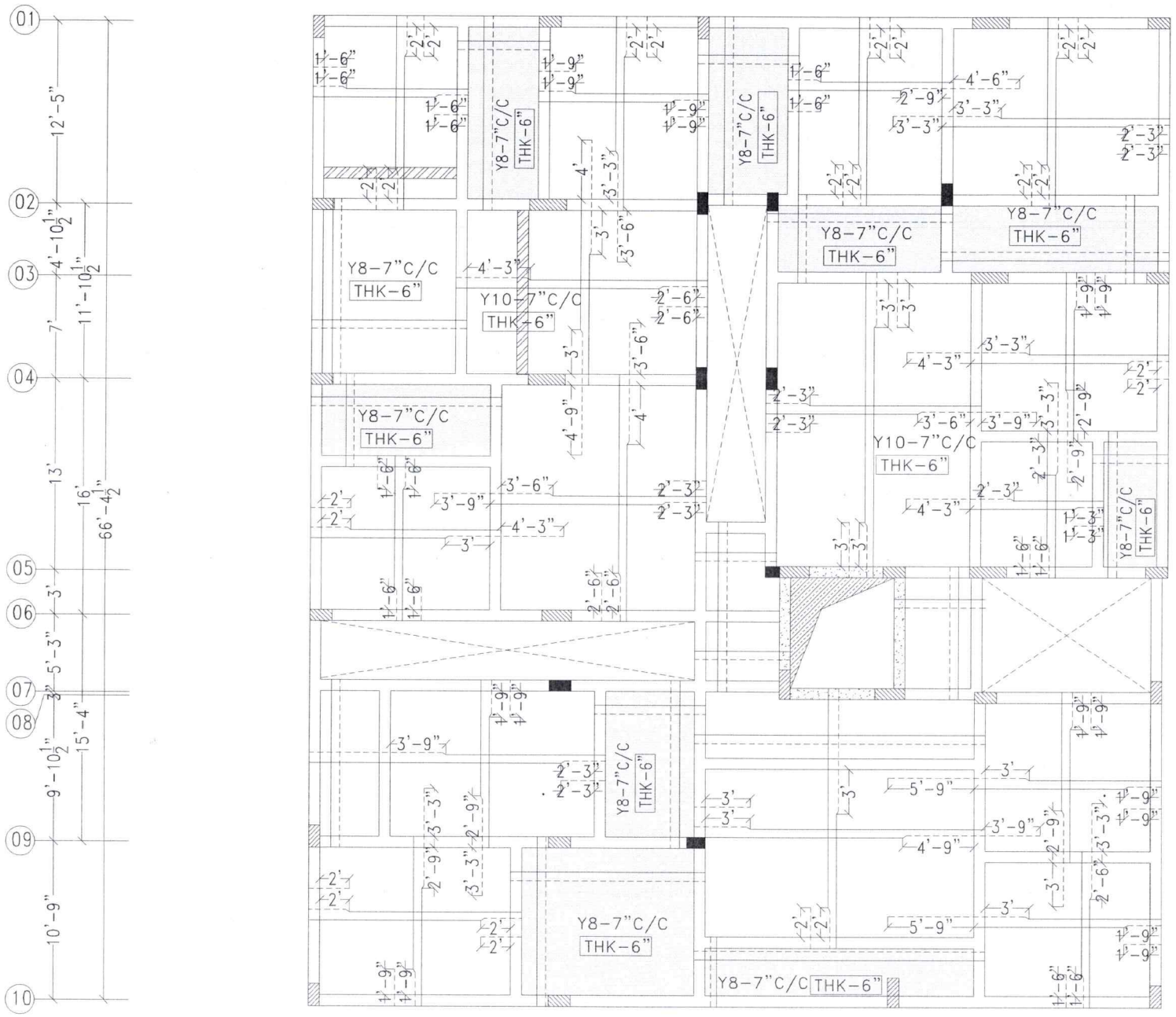
N.TAMILVANAN M.E(STRUCT.)
CMDA, CORPORATION & DTCP
Registered Structural Engineer GRADE-1(SE)
B&W STRUCTURAL DESIGN CONSULTANT
181/64,GANDHI ROAD. VELACHERY, CHENNAI-42.
9677044466, 9677044515, 044-43237175.
bwstructuraldesign@gmail.com,

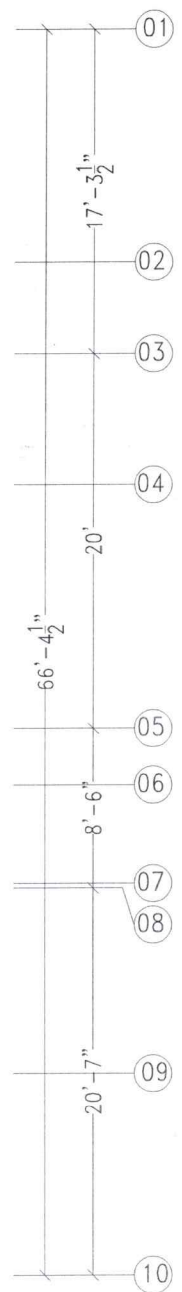
ISSUED FOR:- ☑ CONSTRUCTION ONLY

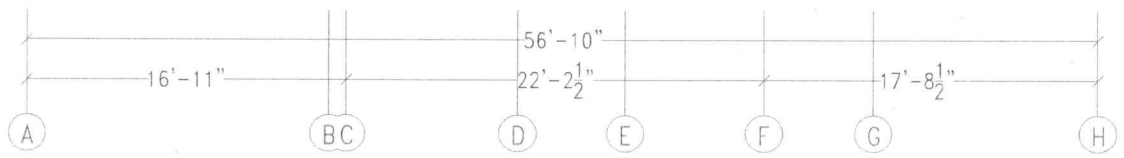
BRICK- AAC BLOCK ONLY

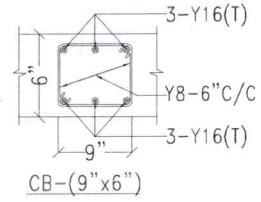


NOTE:
ALL SLABS
Y10-7"C/C AT BOTH SIDE
THK-6"
EXCEPT MENTONED SLAB









- - - - - - - TOP REINFORCEMENT
——— BOTTOM REINFORCEMENT

N. TAMILVANAN, M.E.(STRUCT.,)
Registration Structural Engineer GRADE-I (SE)
(CMDA) REG.No.SE/GR-I/2024/02/006
B&W STRUCTURAL DESIGN CONSULTANT
181/64, Gandhi Road, Velachery, Chennai-42.
Ph. 9677044466, 044 - 43237175
bwstructuraldesign@gmail.com

ISSUED FOR:- ✓ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:-

1.0 ALL DIMENSIONS ARE IN FEET & INCHES
LEVELS ARE IN FEET & INCHES.

2.0 GRADE:-
ALL CONCRETE - M25(1:1:2), (OR),
READY MIX CONCRETE -M30(AS PER MIX DESIGN),
STEEL - FE 500. BRICK- AAC BLOCK

3.0 COVER:-
FOOTING-2", COLUMN-1.5", BEAM-1", SLAB-¾",
RC WALL-1.5", WAIST SLAB-¾",

4.0 DESIGNED:-
BUILDING DESIGN - S+5 ONLY.
STRUCTURAL DETAILED DRAWING - S+5 ONLY.

5.0 SOIL TEST:-
SOIL TEST REPORT NO: 2453
SBC - 200 kN/M2 AT 8'-0" FROM NGL

PROJECT:
CLIENT: Mr.S.APPAN

THE PROPOSED RESIDENTIAL BUILDING
AT MADIPAKKAM, CHENNAI.

ARCHITECT:-
JANAV
HOUSINGS PVT LTD
39/19,G3,Akshaya flats,3rd main road,Nanganallur
Nanganallur,chennai 600061.
Landline: 044-24740008

DATE:	12-09-2025	ST-05A
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST-2023/02/250/02/01	

TITLE:- FIRST, SECOND, THIRD & FOURTH FLOOR ROOF SLAB REINFORCEMENT LAYOUT

REVISION:- R2

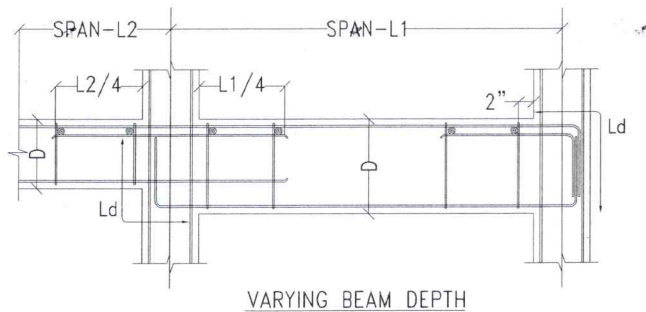
DIRECTION:- N W E S

N.TAMILVANAN M.E(STRUCT.)
CMDA, CORPORATION & DTCP
Registered Structural Engineer GRADE-1(SE)
B&W STRUCTURAL DESIGN CONSULTANT
181/64,GANDHI ROAD, VELACHERY, CHENNAI-42.
9677044466, 9677044515, 044-43237175.
bwstructuraldesign@gmail.com,

ISSUED FOR:- ✓ CONSTRUCTION ONLY

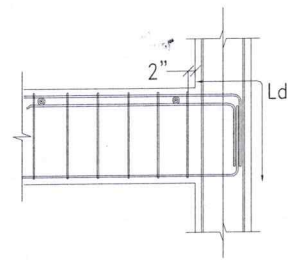
FIRST,SECOND,THIRD,FOURTH FLOOR ROOF & TERRACE FLOOR BEAM REINFORCEMENT SCHEDULE:-

BEAM SIZE B&D	BEAM @ LEFT CANTILEVER	BEAM @ LEFT	BEAM @ MIDDLE	BEAM @ RIGHT	BEAM @ RIGHT CANTILEVER
0'-9"X2'-0"	3-Y20(T)	3-Y20(T)	3-Y20(T)	3-Y20(T)	
B1	2-Y16(T)	2-Y16(T)	2-Y16(T)	2-Y16(T)	- - - -
	Y8-5"C/C	Y8-5"C/C	Y8-7"C/C	Y8-5"C/C	
	2-Y16(T)	2-Y16(T)	2-Y16(T)	2-Y16(T)	
	3-Y20(T) B1a	3-Y20(T)	3-Y20(T)	3-Y20(T)	
0'-9"X1'-6"		3-Y16(T)	3-Y16(T)	3-Y16(T)	
B2	- - - -	2-Y16(T)	2-Y16(T)	2-Y16(T)	- - - -
		Y8-5"C/C	Y8-7"C/C	Y8-5"C/C	
		2-Y16(T)	2-Y16(T)	2-Y16(T)	
		3-Y16(T)	3-Y16(T)	3-Y16(T)	
0'-9"X2'-0"	3-Y20(T)	3-Y20(T)	3-Y20(T)	3-Y20(T)	
B3	2-Y25(T)	2-Y25(T)	2-Y25(T)	2-Y25(T)	- - - -
	Y8-5"C/C	Y8-5"C/C	Y8-7"C/C	Y8-5"C/C	
	2-Y25(T)	2-Y25(T)	2-Y25(T)	2-Y25(T)	
	3-Y20(T) B3a	3-Y20(T)	3-Y20(T)	3-Y20(T)	
0'-9"X1'-3"		3-Y16(T)	3-Y16(T)	3-Y16(T)	
B4	- - - -	Y8-5"C/C	Y8-7"C/C	Y8-5"C/C	- - - -
		3-Y16(T)	3-Y16(T)	3-Y16(T)	
0'-9"X2'-6"		3-Y20(T)	3-Y20(T)	3-Y20(T)	
B5	- - - -	2-Y20(T)	2-Y20(T)	2-Y20(T)	- - - -
		Y8-5"C/C	Y8-7"C/C	Y8-5"C/C	
		2-Y10(T)	2-Y10(T)	2-Y10(T)	
		2-Y20(T)	2-Y20(T)	2-Y20(T)	
		3-Y20(T)	3-Y20(T)	3-Y20(T)	

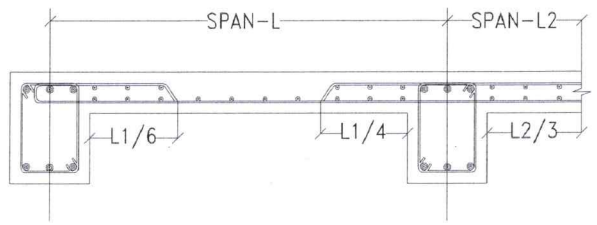


VARYING BEAM DEPTH

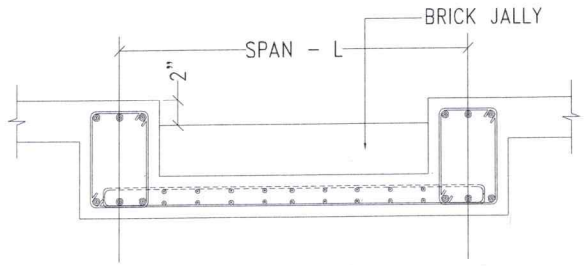
BRICK- AAC BLOCK ONLY



ANCHOR REINFORCEMENT DETAILS FOR END BEAM



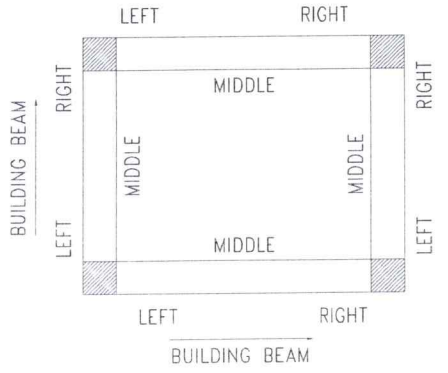
TYPICAL ROOF SLAB REINFORCEMENT DETAILS



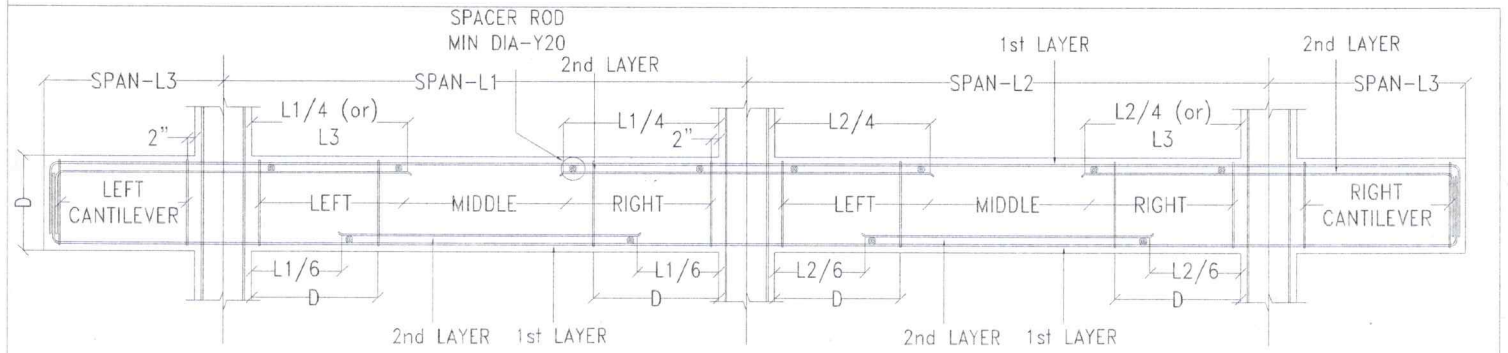
TOILET SUNKEN DETAILS



BEAM REINFORCEMENT LAPPING



DIRECTION OF BEAM ARRANGEMENT



TYPICAL LONGITUDINAL BEAM SECTION DETAILS

ISSUED FOR:- ☑ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:-

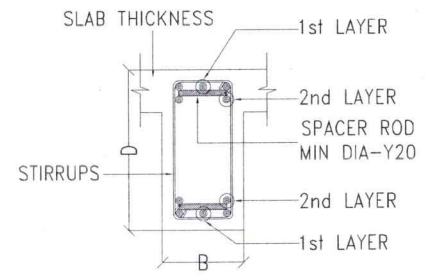
1.0 ALL DIMENSIONS ARE IN FEET & INCHES
LEVELS ARE IN FEET & INCHES.

2.0 GRADE:-
ALL CONCRETE - M25(1:1:2), (OR),
READY MIX CONCRETE -M30(AS PER MIX DESIGN),
STEEL - FE 500. BRICK- AAC BLOCK

3.0 COVER:-
FOOTING-2", COLUMN-1.5", BEAM-1", SLAB-¾",
RC WALL-1.5", WAIST SLAB-¾",

4.0 DESIGNED:-
BUILDING DESIGN - S+5 ONLY.
STRUCTURAL DETAILED DRAWING - S+5 ONLY.

5.0 SOIL TEST:-
SOIL TEST REPORT NO: 2453
SBC - 200 kN/M2 AT 8'-0" FROM NGL



B(TYP.) C/S ROOF BEAM

PROJECT:-
CLIENT: Mr.S.APPAN
THE PROPOSED RESIDENTIAL BUILDING AT MADIPAKKAM, CHENNAI.

ARCHITECT:-
JANAV
HOUSINGS PVT LTD
39/19,G3,Akshaya flats,3rd main road,Nanganallur
Nanganallur,chennai-600061.
Landline: 044-24740008

DATE:	12-09-2025
DRAWING BY:	CHANDRU
DESIGN BY:	NTV
PROJECT NO:	ST-2023/02/250/02/01

ST-05B

TITLE:- FIRST,SECOND,THIRD,FOURTH FLOOR RO& TERRACE FLOOR BEAM REINFORCEMENT DETAILS

REVISION:- R2

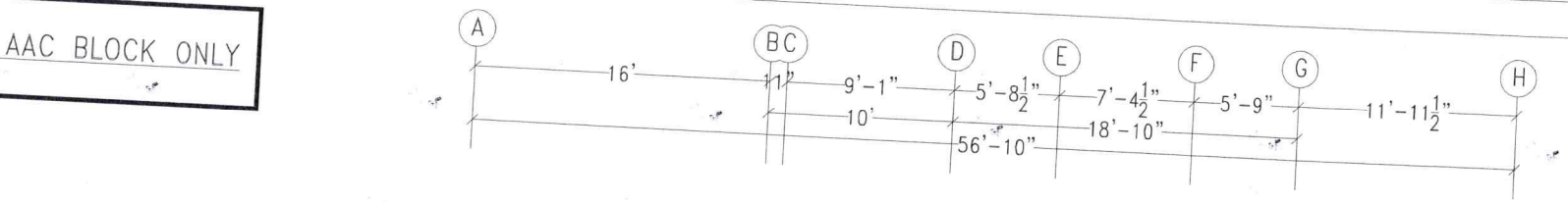
DIRECTION:- N W E S

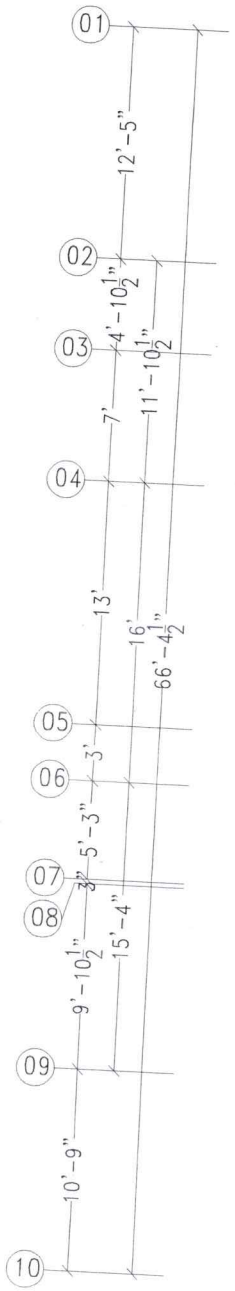
N.TAMILVANAN M.E(STRUCT.)
CMDA, CORPORATION & DTCP
Registered Structural Engineer GRADE-1(SE)
B&W STRUCTURAL DESIGN CONSULTANT
181/64,GANDHI ROAD, VELACHERY, CHENNAI-42.
9677044466, 9677044515, 044-43237175.
bwstructuraldesign@gmail.com,

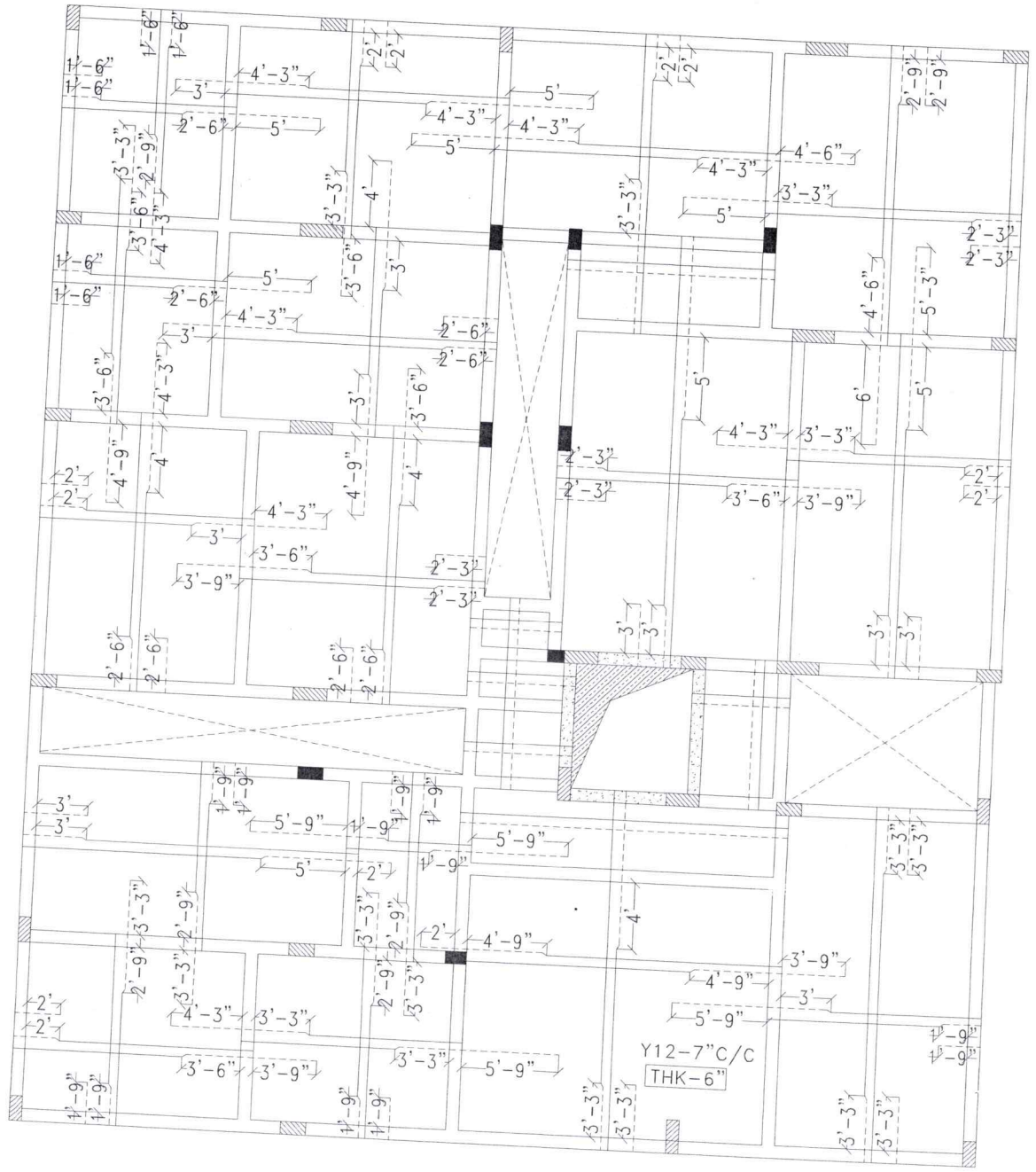
ISSUED FOR:- ☑ CONSTRUCTION ONLY

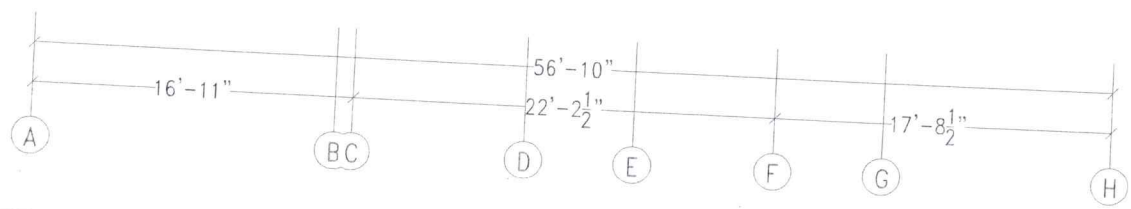
N. TAMILVANAN, M.E.(STRUCT.,)
Registration Structural Engineer GRADE-I (SE)
(CMDA) / (CORPORATION) SE/GR-I/2024/02/005
B&W STRUCTURAL DESIGN CONSULTANT
181/64, Gandhi Road, Velachery, Chennai-42.
9677044466 , 044 - 43237175
bwstructuraldesign@gmail.com

BRICK- AAC BLOCK ONLY

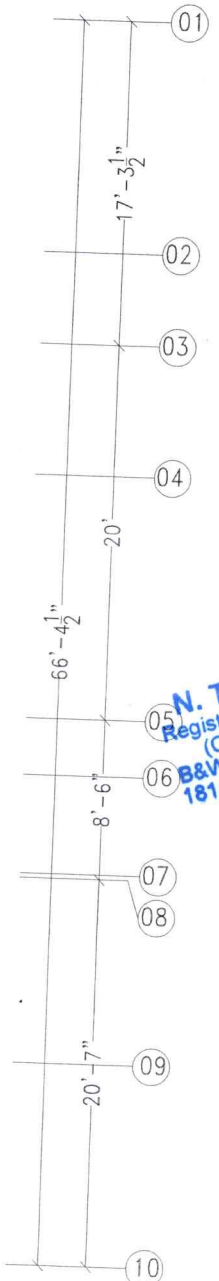








NOTE:
ALL SLABS
Y10-7"C/C AT BOTH SIDE
THK-6"
EXCEPT MENTONED SLAB



ISSUED FOR:- ✓ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:-

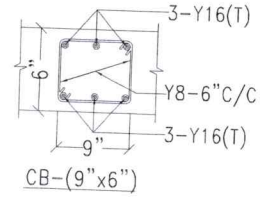
1.0 ALL DIMENSIONS ARE IN FEET & INCHES
LEVELS ARE IN FEET & INCHES.

2.0 GRADE:-
ALL CONCRETE - M25(1:1:2), (OR),
READY MIX CONCRETE -M30(AS PER MIX DESIGN),
STEEL - FE 500. BRICK- AAC BLOCK

3.0 COVER:-
FOOTING-2", COLUMN-1.5", BEAM-1", SLAB-¾",
RC WALL-1.5", WAIST SLAB-¾",

4.0 DESIGNED:-
BUILDING DESIGN - S+5 ONLY.
STRUCTURAL DETAILED DRAWING - S+5 ONLY.

5.0 SOIL TEST:-
SOIL TEST REPORT NO: 2453
SBC - 200 kN/M2 AT 8'-0" FROM NGL



CB-(9"x6")

- - - - - - - TOP REINFORCEMENT
——— BOTTOM REINFORCEMENT

N. TAMILVANAN, M.E.(STRUCT.)
Registration Structural Engineer GRADE-I (SE)
(CMDA) REG.No.SE/GR-I/2024/02/005
B&W STRUCTURAL DESIGN CONSULTANT
181/64, Gandhi Road, Velachery, Chennai
Ph: 9677044466, 044 - 43237175
bwstructuraldesign@gmail.com

CLIENT: Mr.S.APPAN

THE PROPOSED RESIDENTIAL BUILDING AT MADIPAKKAM, CHENNAI.

ARCHITECT:-

JANAV
HOUSINGS PVT LTD
39/19,G3,Akshaya flats,3rd main road,Nanganallur
Nanganallur,chennai-600061.
Landline: 044-24740068

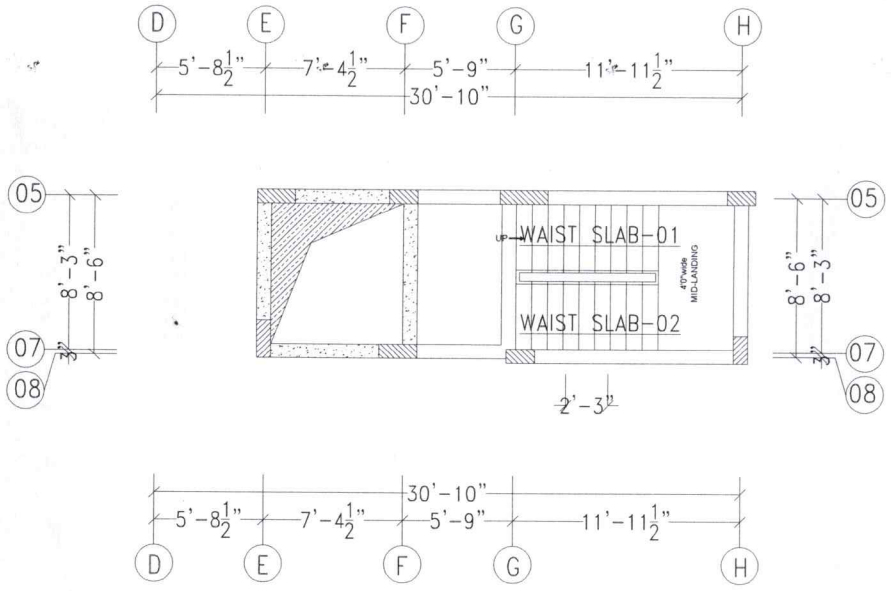
DATE:	12-09-2025	ST-06A
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST-2023/02/250/02/01	

TITLE:-
TERRACE FLOOR SLAB
REINFORCEMENT LAYOUT

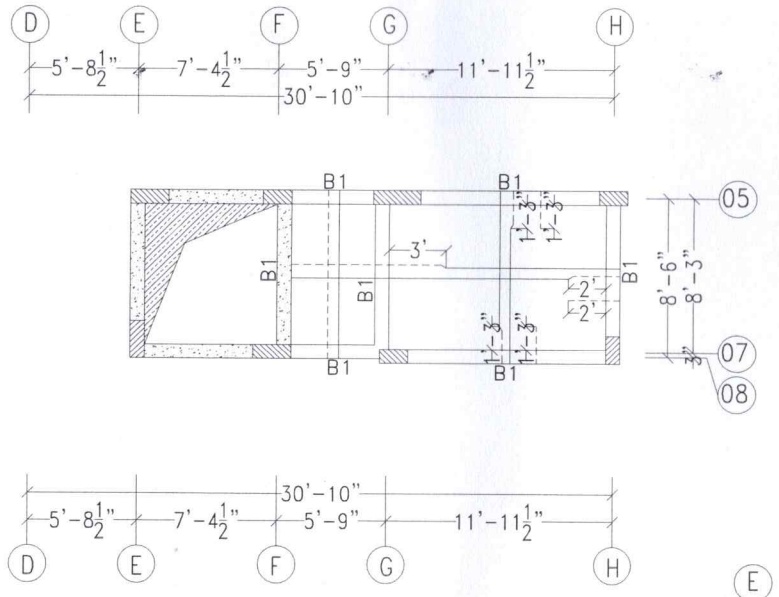
REVISION:-
R2

DIRECTION:-
N
W E
S

N.TAMILVANAN M.E(STRUCT.)
CMDA, CORPORATION & DTCP
Registered Structural Engineer GRADE-1(SE)
B&W STRUCTURAL DESIGN CONSULTANT
181/64,GANDHI ROAD, VELACHERY, CHENNAI-42.
9677044466, 9677044515, 044-43237175.
bwstructuraldesign@gmail.com



STAIRCASE & LIFT LAYOUT

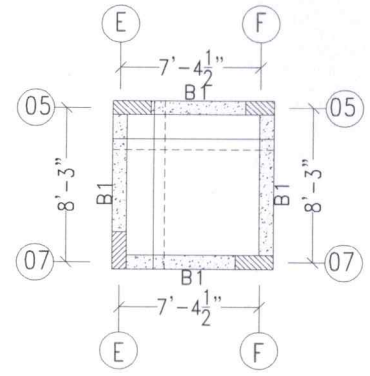


STAIRCASE & LIFT HEAD ROOM LAYOUT

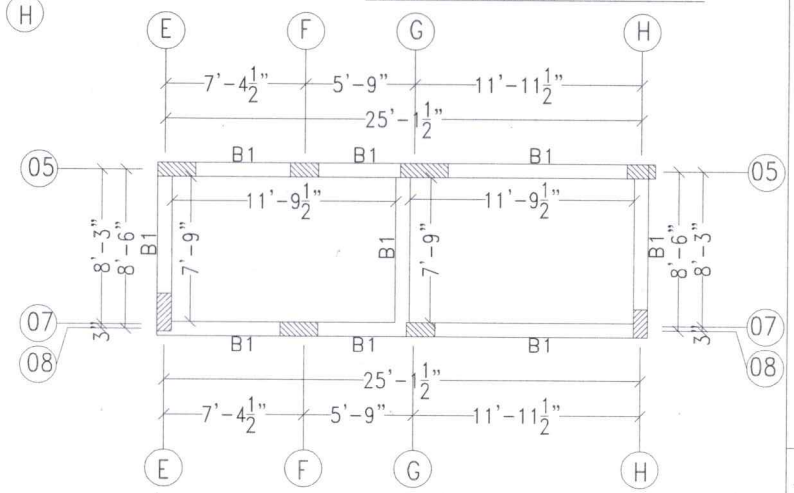
STAIRCASE, HEAD ROOM LIFT ROOM & WATER TANK BEAM REINFORCEMENT SCHEDULE:-

BEAM SIZE B&D	BEAM DETAILS
0'-9"x1'-3"	3-Y16(T), Y8-5"C/C, 3-Y16(T)
B1	

BRICK- AAC BLOCK ONLY



LIFT HEAD ROOM LAYOUT
FROM TO TERRACE FLOOR 5'-0"



WATER TANK LAYOUT

GENERAL TECHNICAL NOTES:-

1.0 ALL DIMENSIONS ARE IN FEET & INCHES
LEVELS ARE IN FEET & INCHES.

2.0 GRADE:-
ALL CONCRETE - M25(1:1:2), (OR),
READY MIX CONCRETE -M30(AS PER MIX DESIGN),
STEEL - FE 500. BRICK- AAC BLOCK

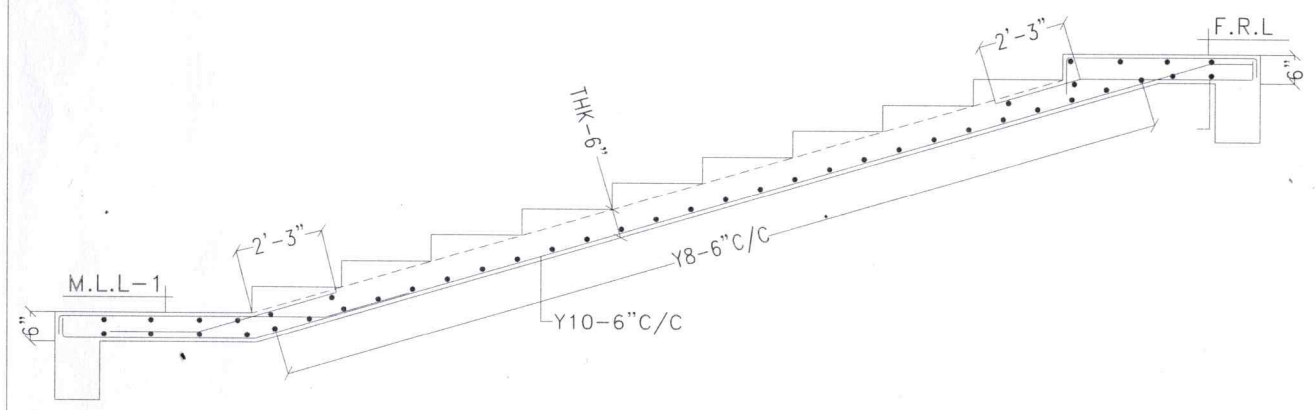
3.0 COVER:-
FOOTING-2", COLUMN-1.5", BEAM-1", SLAB-¾",
RC WALL-1.5", WAIST SLAB-¾",

4.0 DESIGNED:-
BUILDING DESIGN - S+5 ONLY.
STRUCTURAL DETAILED DRAWING - S+5 ONLY.

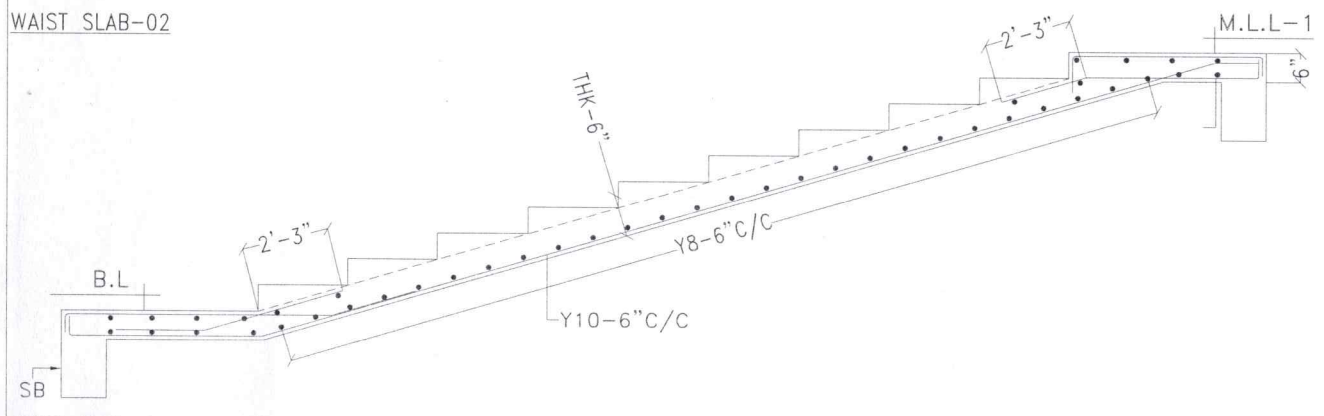
5.0 SOIL TEST:-
SOIL TEST REPORT NO: 2453
SBC - 200 kN/M2 AT 8'-0" FROM NGL

STAIRCASE, HEAD ROOM & WATER TANK BEAM REINFORCEMENT SCHEDULE:-

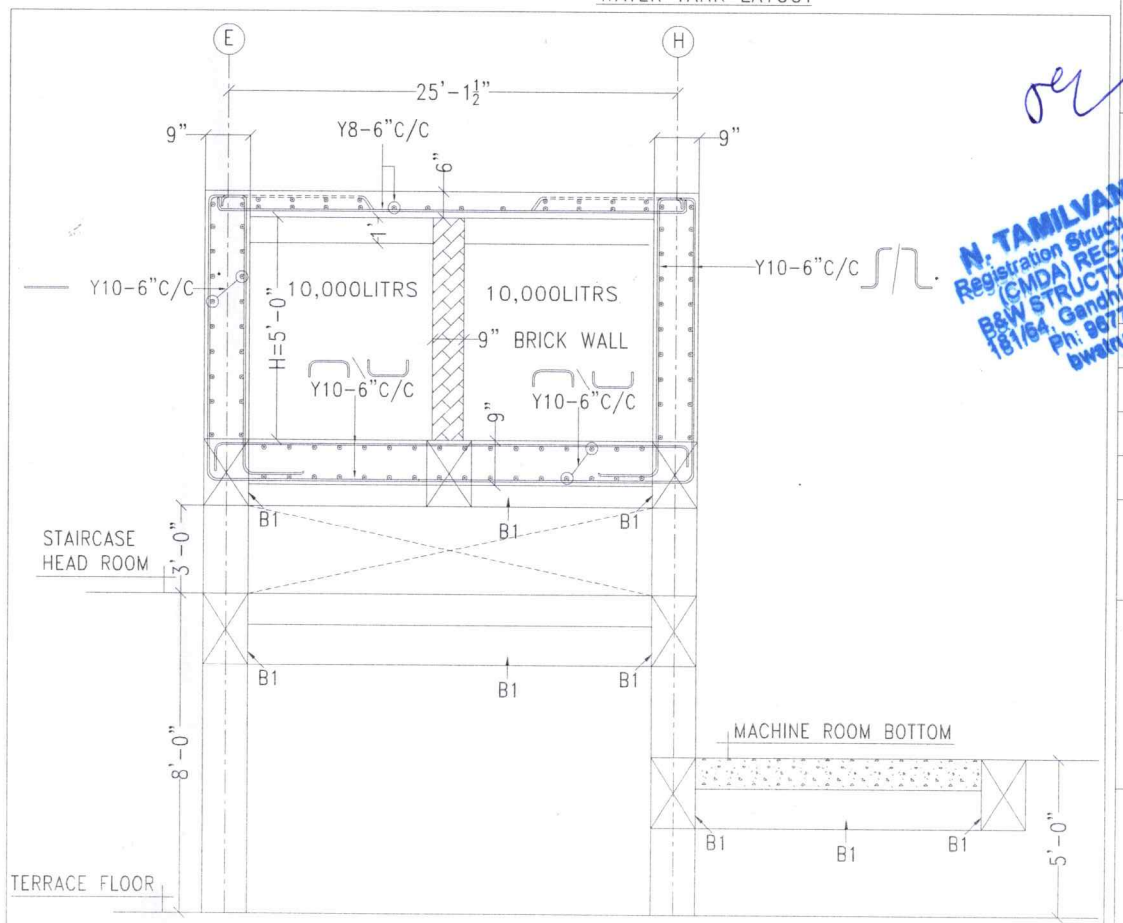
BEAM SIZE B&D	BEAM DETAILS
0'-9"x1'-3"	3-Y16(T), Y8-5"C/C, 3-Y16(T)
B1	



WAIST SLAB-02



WAIST SLAB-01



STAIRCASE HEAD ROOM, LIFT MACHINE ROOM & WATER TANK CROSS SECTION

ISSUED FOR:- ☑ CONSTRUCTION ONLY

PROJECT:-

CLIENT: Mr.S.APPAN

THE PROPOSED RESIDENTIAL BUILDING AT MADIPAKKAM, CHENNAI.

ARCHITECT:-

JANAV
HOUSINGS PVT LTD
39/19,G3,Akshaya flats,3rd main road,Nanganallur
Nanganallur,chennai 600061.
Landline: 044-24740008

N. TAMILVANAN, M.E.(STRUCT.)
Registration Structural Engineer GRADE-1(SE)
(CMDA) REG.No.SE/GR-I/2024/0
B&W STRUCTURAL DESIGN CONSULTANT
181/64, Gandhi Road, Velachery, Chennai
Ph: 9677044466, 044 - 43237175
bwstructuraldesign@gmail.com

DATE:	12-09-2025
DRAWING BY:	CHANDRU
DESIGN BY:	NTV
PROJECT NO:	ST-2023/02/250/02/01

ST-06B

TITLE:- STAIRCASE HEAD ROOM LIFT ROOM & WATER TANK BEAM REINFORCEMENT DETAILS

REVISION:- R2

DIRECTION:- N W E S

N.TAMILVANAN M.E(STRUCT.)
CMDA, CORPORATION & DTCP
Registered Structural Engineer GRADE-1(SE)
B&W STRUCTURAL DESIGN CONSULTANT
181/64,GANDHI ROAD, VELACHERY, CHENNAI-42.
9677044466, 9677044515, 044-43237175.
bwstructuraldesign@gmail.com,

ISSUED FOR:- ☑ CONSTRUCTION ONLY

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
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai 600 097, India
hello@verified.realestate
+91 9996 12 9996

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.