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RERA Document

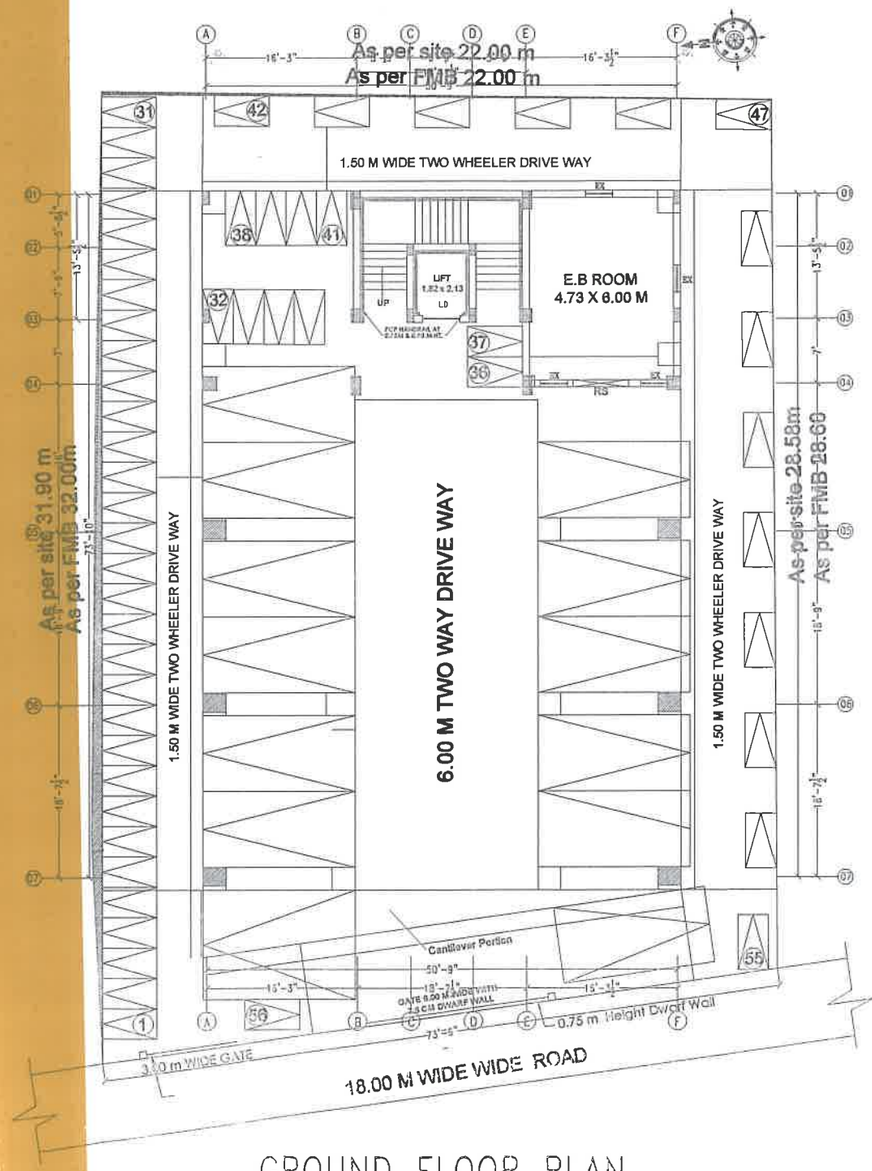
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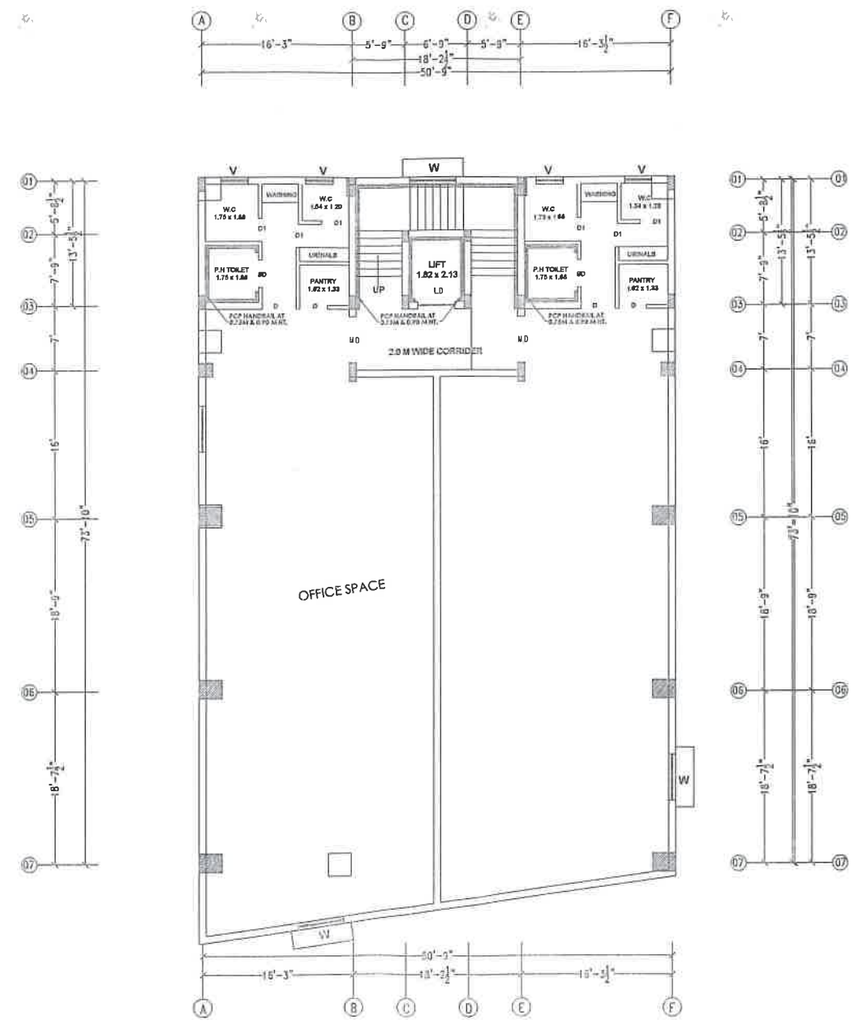
Verified RealEstate™
3/350/2 Mettukuppam,
OMR Thoraipakkam,
Chennai 600 097, India

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

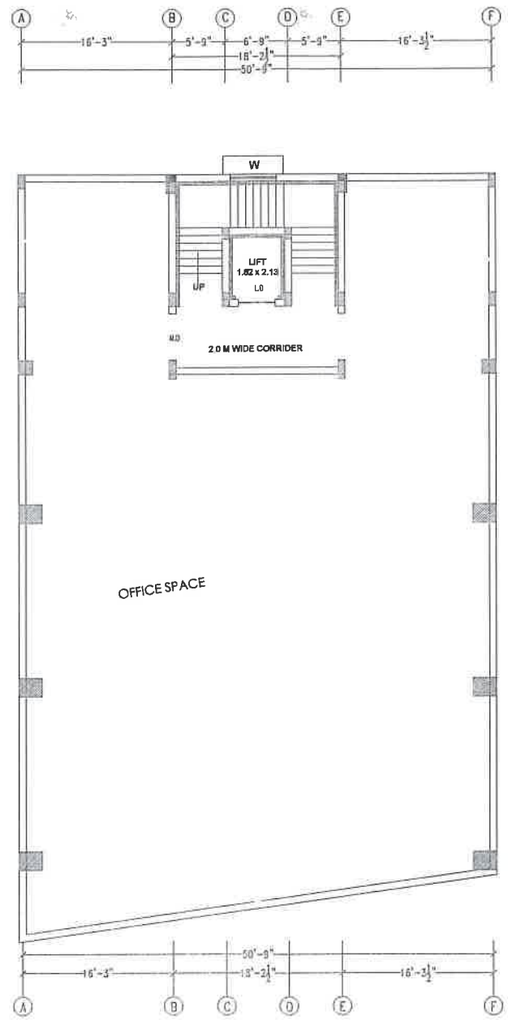
COLUMN LAYOUT + ARCHITECTURAL PLAN



GROUND FLOOR PLAN

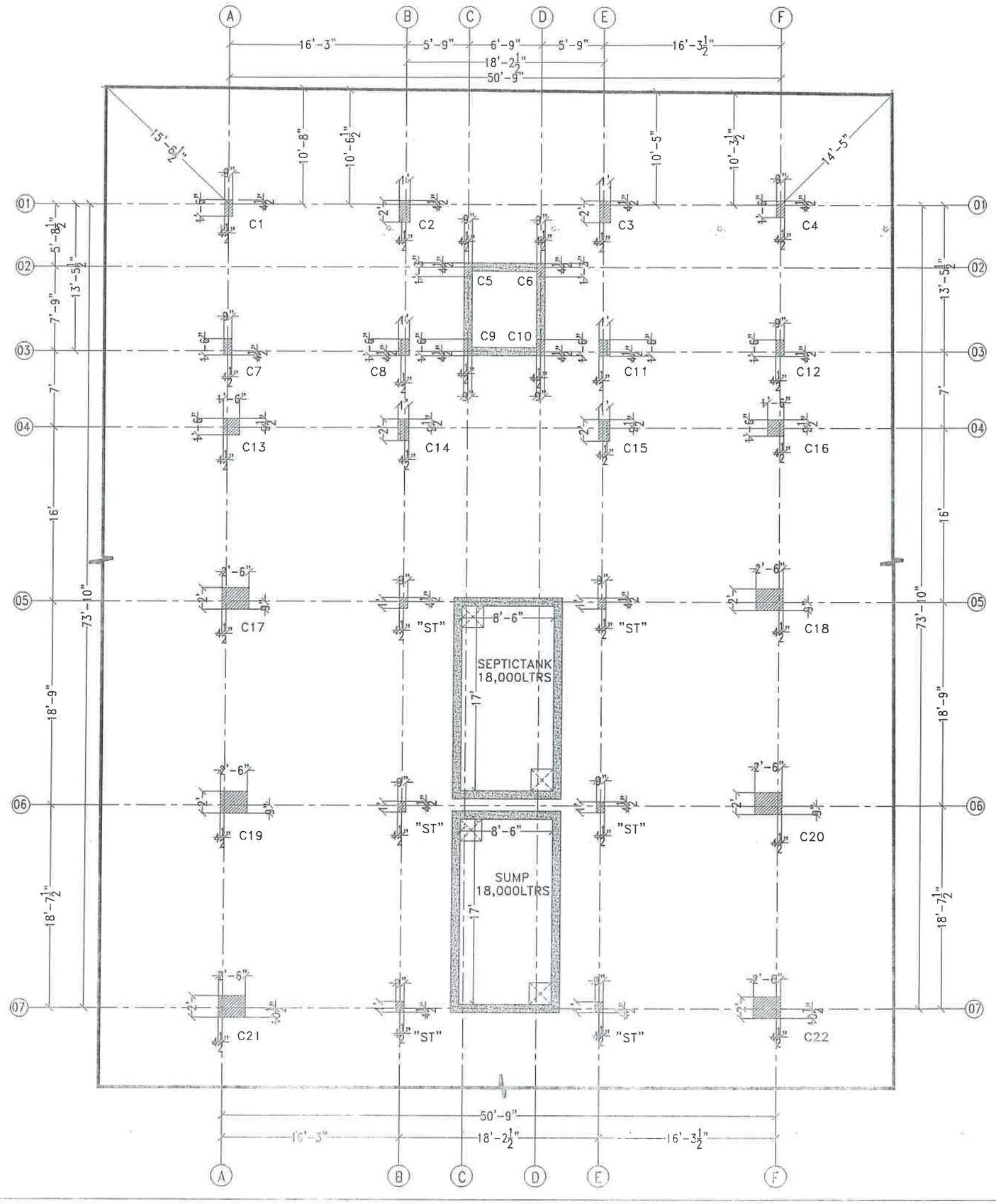


FIRST, SECOND, THIRD,
FOURTH, FIFTH FLOOR PLAN



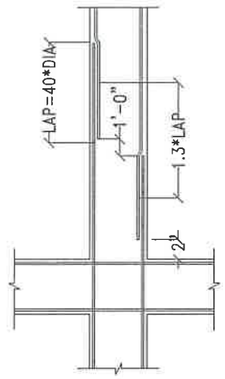
TERRACE FLOOR PLAN

ISSUED FOR:- ☑ CONSTRUCTION ONLY

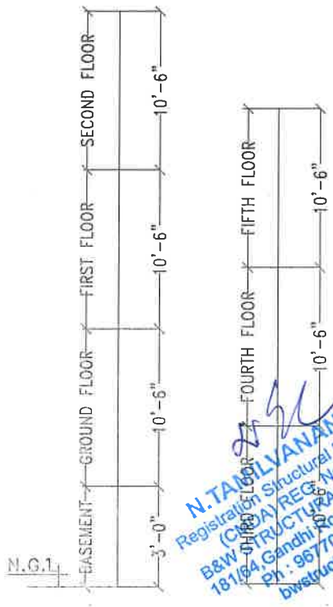




LATERAL TIE DETAILS



LAPPING DISTANCE



FLOOR LEVELS

GENERAL TECHNICAL NOTES:-

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

2.0 GRADE:-
CONCRETE - M35(AS PER MIX DESIGN)
READY MIX CONCRETE - M40(AS PER MIX DESIGN)
STEEL - FE 500.

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

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

5.0 SOIL TEST:-
REPORT NO:GS_SEP24_C150_VENGAIVASALVILLAGE
SBC - 200 kN/M2 AT 10'-0" FROM NGL

NOTE	DESCRIPTION	SYMBOL
C	COLUMN	
	CONTINUOUS COLUMN	
RCW	REINFORCED CONCRETE WALL	

PROJECT:-

CLIENT: Mr.M/s.ROHAAN CONSTRUCTION PVT.LTD.

TITLE: THE PROPOSED COMMERCIAL BUILDING AT VENGAIVASAL.

BUILDER:-

ROHAAN CONSTRUCTION

DATE:	04-10-2024	ST-01
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST-2024/02/01/98/04/09/01	

TITLE:-

COLUMN MARKING LAYOUT

REVISION:- R0

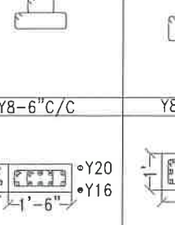
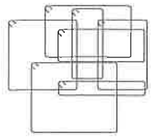
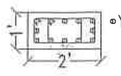
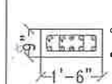
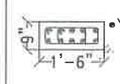
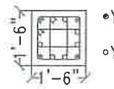
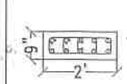
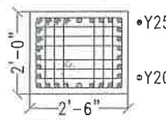
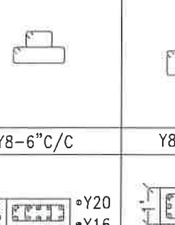
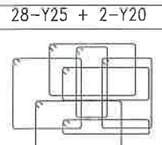
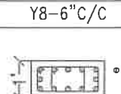
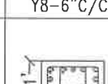
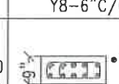
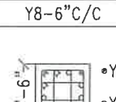
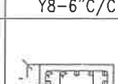
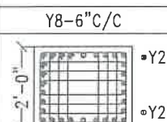
DIRECTION:- E N S W

N.TAMILVANAN M.E(STRUCT.)
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bwstructuraldesign@gmail.com,

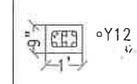
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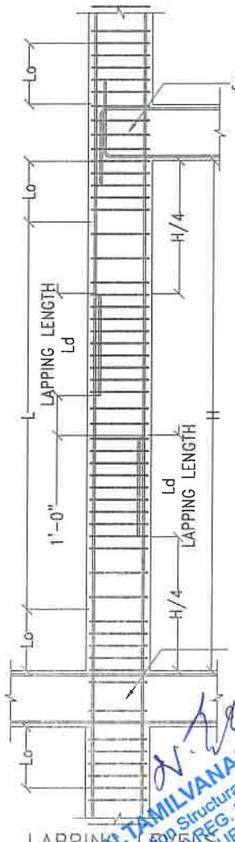
ISSUED FOR:- ☑ CONSTRUCTION ONLY

COLUMN SCHEDULE:-

GROUND FLOOR ROOF TO TERRACE FLOOR								
	Y8-6"C/C	Y8-6"C/C	Y8-6"C/C	Y8-6"C/C	Y8-6"C/C	Y8-6"C/C	Y8-6"C/C	Y8-6"C/C
								
	4-Y20 + 6-Y16	12-Y20	8-Y16	8-Y20 + 2-Y16	10-Y16	4-Y16 + 8-Y12	10-Y20	28-Y25 + 2-Y20
UP TO GROUND FLOOR ROOF								
	Y8-6"C/C	Y8-6"C/C	Y8-6"C/C	Y8-6"C/C	Y8-6"C/C	Y8-6"C/C	Y8-6"C/C	Y8-6"C/C
								
	4-Y20 + 6-Y16	12-Y20	8-Y16	10-Y20 + 2-Y16	10-Y16	4-Y16 + 8-Y12	12-Y20	28-Y25 + 2-Y20
COLUMN MARKED	C1, C4, C7, C12	C2, C3	C5, C6	C8, C11	C9, C10	C13, C16	C14, C15	C17, C18, C19, C20, C21, C22

COLUMN SCHEDULE:-

UP TO BASEMENT LEVEL	
	Y8-6"C/C
	
	6-Y12
COLUMN MARKED	ST



LAPPING LENGTH & COLUMN AND CONFINING

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

ISSUED FOR:- ☑ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:-

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

2.0 GRADE:-
CONCRETE - M35(AS PER MIX DESIGN)
READY MIX CONCRETE - M40(AS PER MIX DESIGN)
STEEL - FE 500.

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

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

5.0 SOIL TEST:-
REPORT NO:GS_SEP24_C150_VENGAIVASALVILLAGE
SBC - 200 kN/M2 AT 10'-0" FROM NGL

NOTE	DESCRIPTION
NGL	NATURAL GROUND LEVEL

PROJECT:-

CLIENT: Mr.M/s.ROHAAN CONSTRUCTION PVT.LTD.

TITLE: THE PROPOSED COMMERCIAL BUILDING AT VENGAIVASAL.

BUILDER:-

ROHAAN CONSTRUCTION

DATE:	04-10-2024	ST-01A
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST-2024/02/01/98/04/09/01	

TITLE:-

COLUMN REINFORCEMENT DETAILS

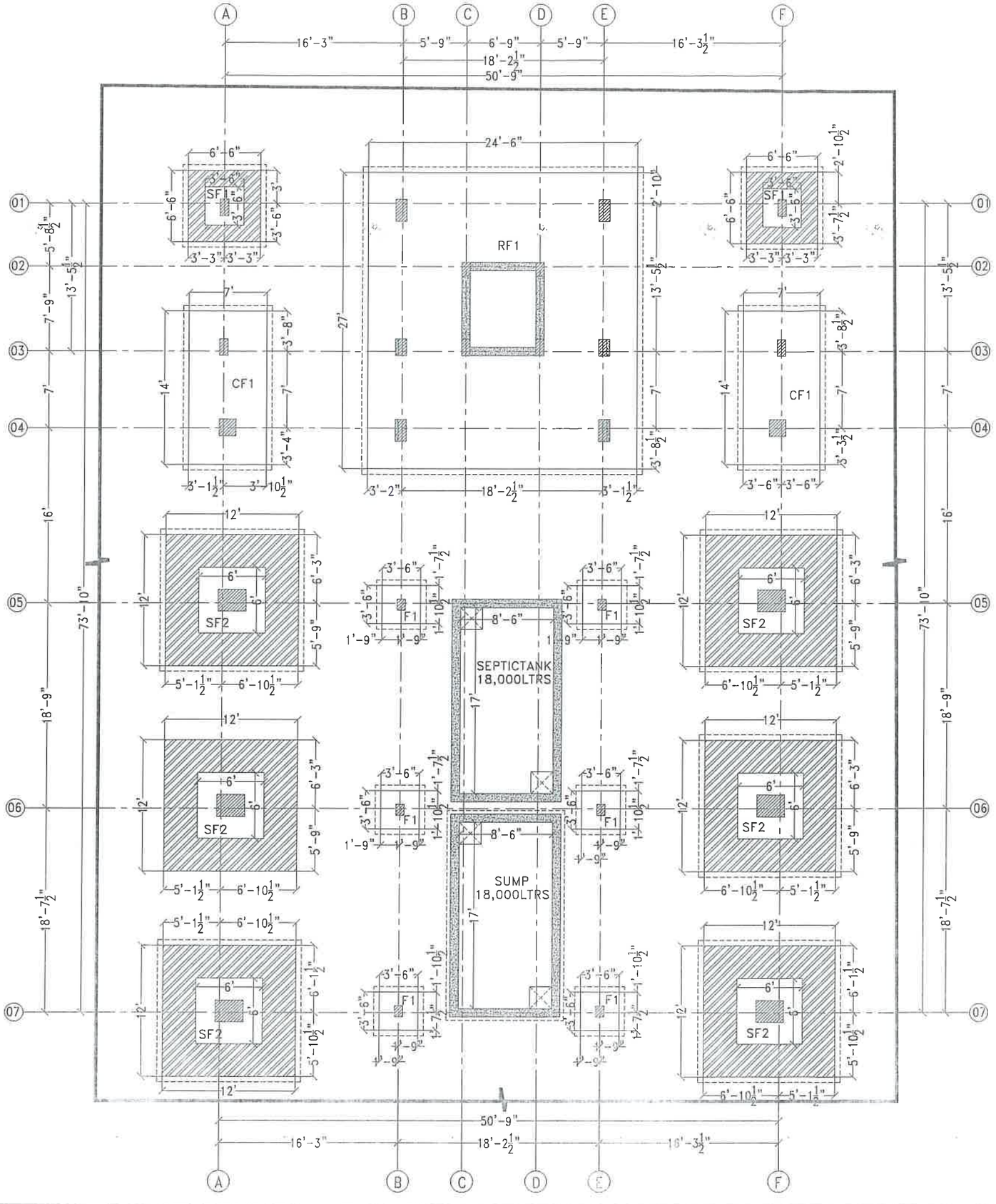
REVISION:- R0

DIRECTION:- E, N, S, W

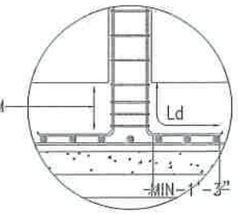
N.TAMILVANAN M.E(STRUCT.)
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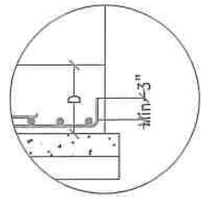
ISSUED FOR:- ☑ CONSTRUCTION ONLY



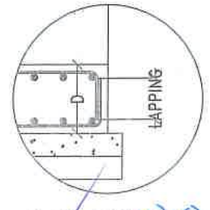
3 NO.S MINIMUM



DEVELOPEMENT LENGTH



AT END ANCHORAGE



AT END ANCHORAGE

N.TAMILVANAN, M.E(STRUCT.)
Registration Structural Engineer GRADE-1(SE)
(CMDA) REG. No.SE/GR-I/19/02/005
B&W STRUCTURAL DESIGN CONSULTANT
181/64,Gandhi Road, Velachery, Chennai- 42.
Ph : 9677044466,044 - 43237175
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ISSUED FOR:- ☑ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:-

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

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READY MIX CONCRETE - M40(AS PER MIX DESIGN)
STEEL - FE 500.

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WAIST SLAB-¾", FOOTING-2".

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

5.0 SOIL TEST:-
REPORT NO:GS_SEP24_C150_VENGAIVASALVILLAGE
SBC - 200 kN/M2 AT 10'-0" FROM NGL

NOTE	DESCRIPTION
F	FOOTING

PROJECT:-

CLIENT: Mr.M/s.ROHAAN CONSTRUCTION PVT.LTD.

TITLE: THE PROPOSED COMMERCIAL BUILDING AT VENGAIVASAL.

BUILDER:-

ROHAAN CONSTRUCTION

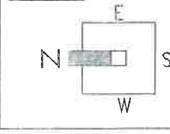
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DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST-2024/02/01/98/04/09/01	

TITLE:-

FOOTING MARKING LAYOUT

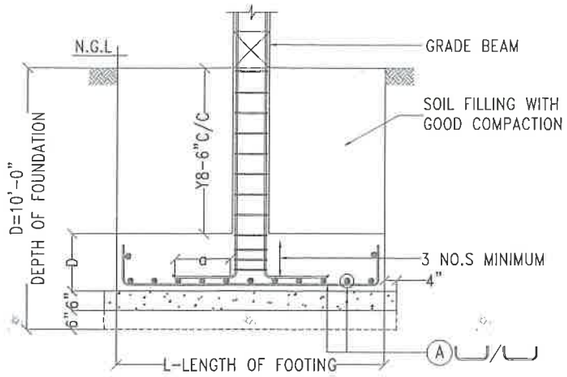
REVISION:- R0

DIRECTION:-

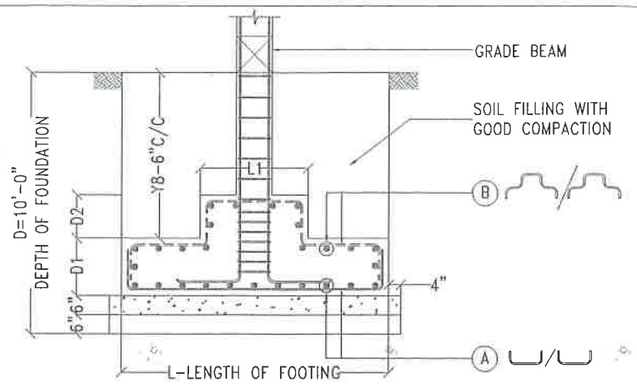


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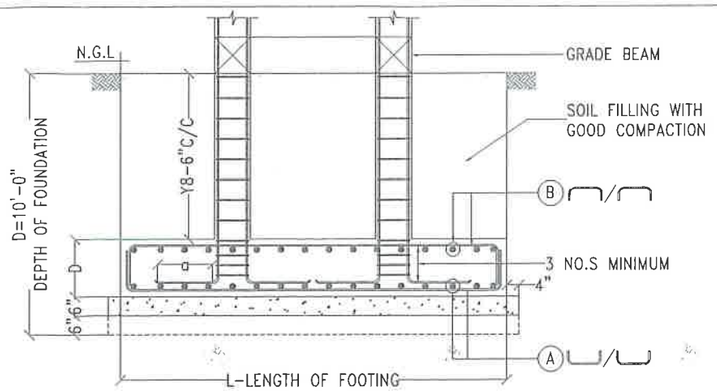
ISSUED FOR:- ☑ CONSTRUCTION ONLY



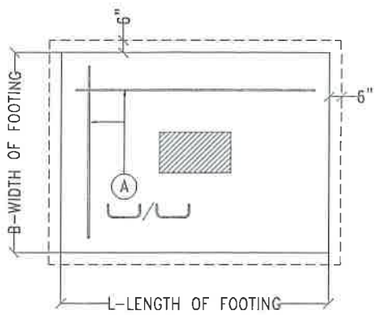
FOOTING (F) CROSS-SECTION



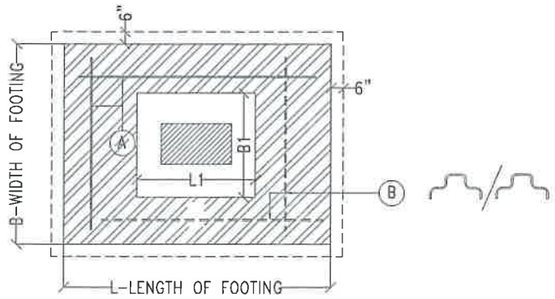
STEP FOOTING (SF) CROSS-SECTION



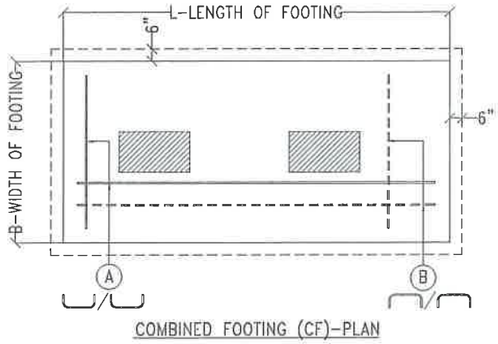
COMBINED FOOTING (CF) CROSS-SECTION



FOOTING (F)-PLAN



STEP FOOTING (SF)-PLAN



COMBINED FOOTING (CF)-PLAN

FOOTING (F)-SCHEDULE:-

FOOTING	SIZE OF FOOTING L x B	THICKNESS D	NO.S	BOTTOM REINFORCEMENT (A)
F1	3'-6"x3'-6"	1'-3"	06	Y10-4"C/C

TOTAL - 06

STEP FOOTING (SF)-SCHEDULE:-

FOOTING	SIZE OF FOOTING		THICKNESS		NO.S	BOTTOM REINFORCEMENT (A)	TOP REINFORCEMENT (B)
	L x B	L1 x B1	D1	D2			
SF1	6'-6"x6'-6"	3'-6"x3'-6"	1'-0"	1'-0"	02	Y12-4"C/C	Y12-4"C/C
SF2	12'-0"x12'-0"	6'-0"x6'-0"	1'-3"	1'-3"	06	Y16-4"C/C	Y16-4"C/C

TOTAL - 08

COMBINED FOOTING (CF)-SCHEDULE:-

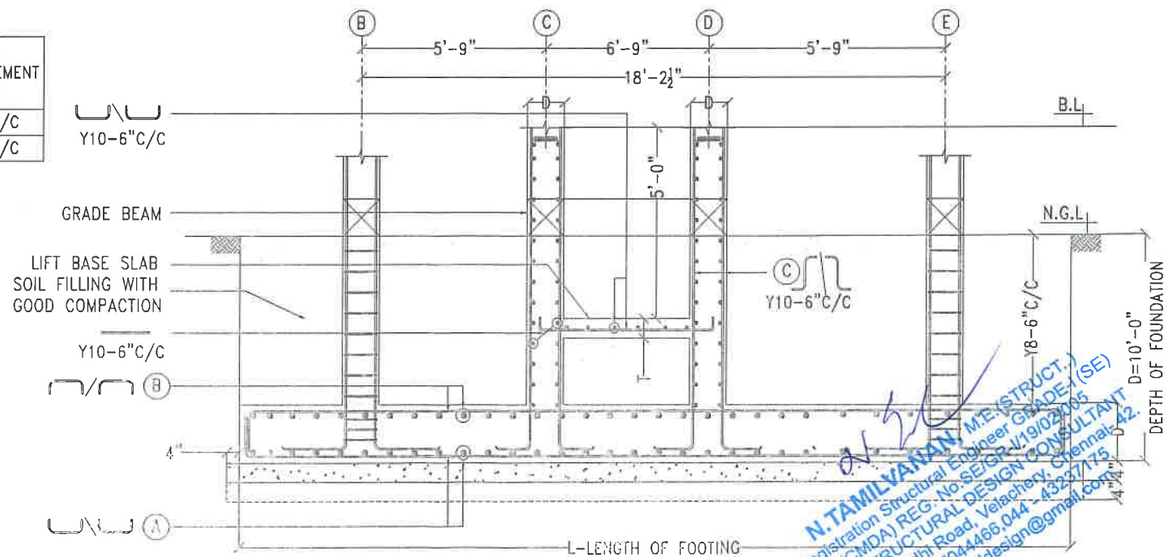
FOOTING	SIZE OF FOOTING L x B	THICKNESS D	NO.S	BOTTOM REINFORCEMENT (A)	TOP REINFORCEMENT (B)
CF1	14'-0"x7'-0"	1'-6"	02	Y12-4"C/C	Y12-4"C/C

TOTAL - 02

RAFT FOOTING (RF)-SCHEDULE:-

FOOTING	SIZE OF FOOTING L x B	THICKNESS D	NO.S	BOTTOM REINFORCEMENT (A)	TOP REINFORCEMENT (B)
RF1	27'-0" X 24'-6"	1'-8"	01	Y12-4"C/C	Y12-4"C/C

TOTAL - 01



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:-
CONCRETE - M35(AS PER MIX DESIGN)
READY MIX CONCRETE - M40(AS PER MIX DESIGN)
STEEL - FE 500.

3.0 COVER:-
BEAM-1", SLAB-¾", RC WALL-1.5",
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STRUCTURAL DETAILED DRAWING - G+5 ONLY.

5.0 SOIL TEST:-
REPORT NO:GS_SEP24_C150_VENGAIVASALVILLAGE
SBC - 200 kN/M2 AT 10'-0" FROM NGL

NOTE:
a - MINIMUM= 1'-3"

PROJECT:-

CLIENT: Mr.M/s.ROHAAN CONSTRUCTION PVT.LTD.

TITLE: THE PROPOSED COMMERCIAL BUILDING AT VENGAIVASAL.

BUILDER:-

ROHAAN CONSTRUCTION

DATE:	04-10-2024
DRAWING BY:	CHANDRU
DESIGN BY:	NTV
PROJECT NO:	ST-2024/02/01/98/04/09/01

ST-02A

TITLE:-

FOOTING REINFORCEMENT DETAIL

REVISION:-

R0

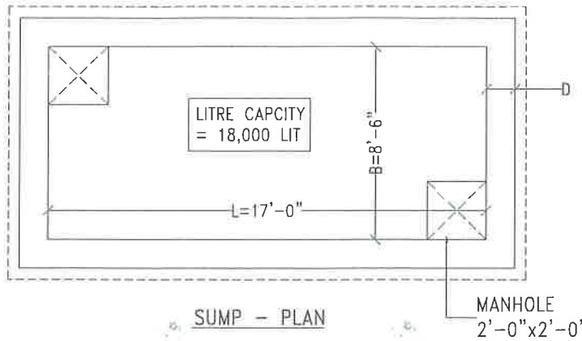
DIRECTION:-

E
N S
W

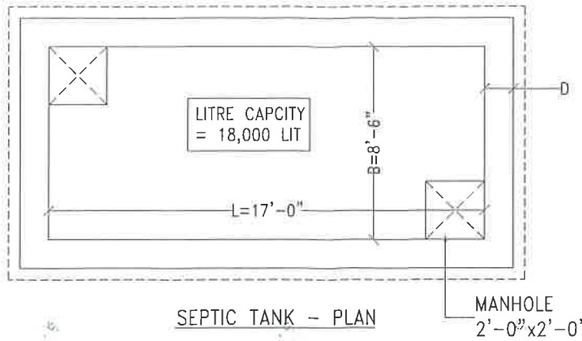
N.TAMILVANAN M.E(STRUCT.)
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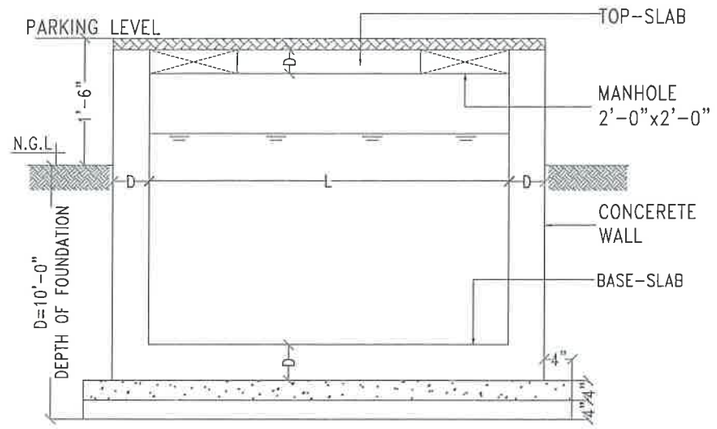
ISSUED FOR:- ☑ CONSTRUCTION ONLY



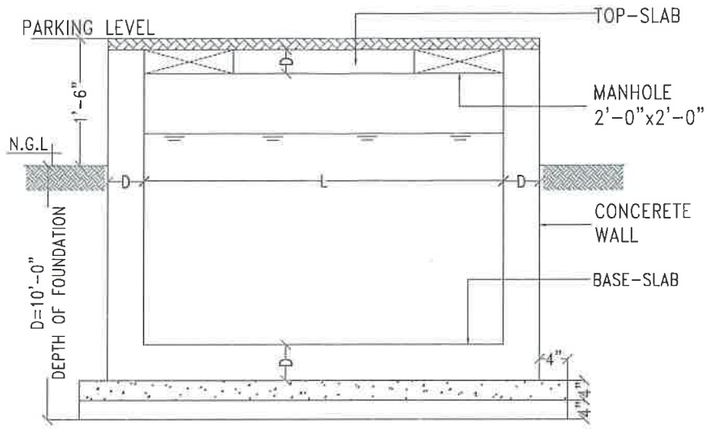
SUMP – PLAN



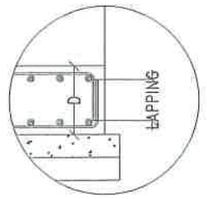
SEPTIC TANK – PLAN



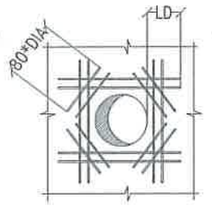
SUMP – CROSS-SECTION



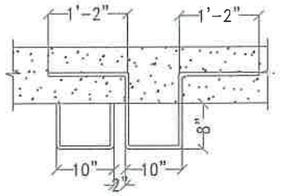
SEPTIC TANK – CROSS-SECTION



AT END ANCHORAGE



PIPE LINE OPENNING



STEP-RUNGS-PLAN

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

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ISSUED FOR:– ☑ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:–

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

2.0 GRADE:–
CONCRETE – M35(AS PER MIX DESIGN)
READY MIX CONCRETE – M40(AS PER MIX DESIGN)
STEEL – FE 500.

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

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

5.0 SOIL TEST:–
REPORT NO:GS_SEP24_C150_VENGAIVASALVILLAGE
SBC – 200 kN/M2 AT 10'–0" FROM NGL

PROJECT:–

CLIENT: Mr.M/s.ROHAAN CONSTRUCTION PVT.LTD.

TITLE: THE PROPOSED COMMERCIAL BUILDING AT VENGAIVASAL.

BUILDER:–

ROHAAN CONSTRUCTION

DATE:	04–10–2024	ST–02B
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST–2024/02/01/98/04/09/01	

TITLE:–

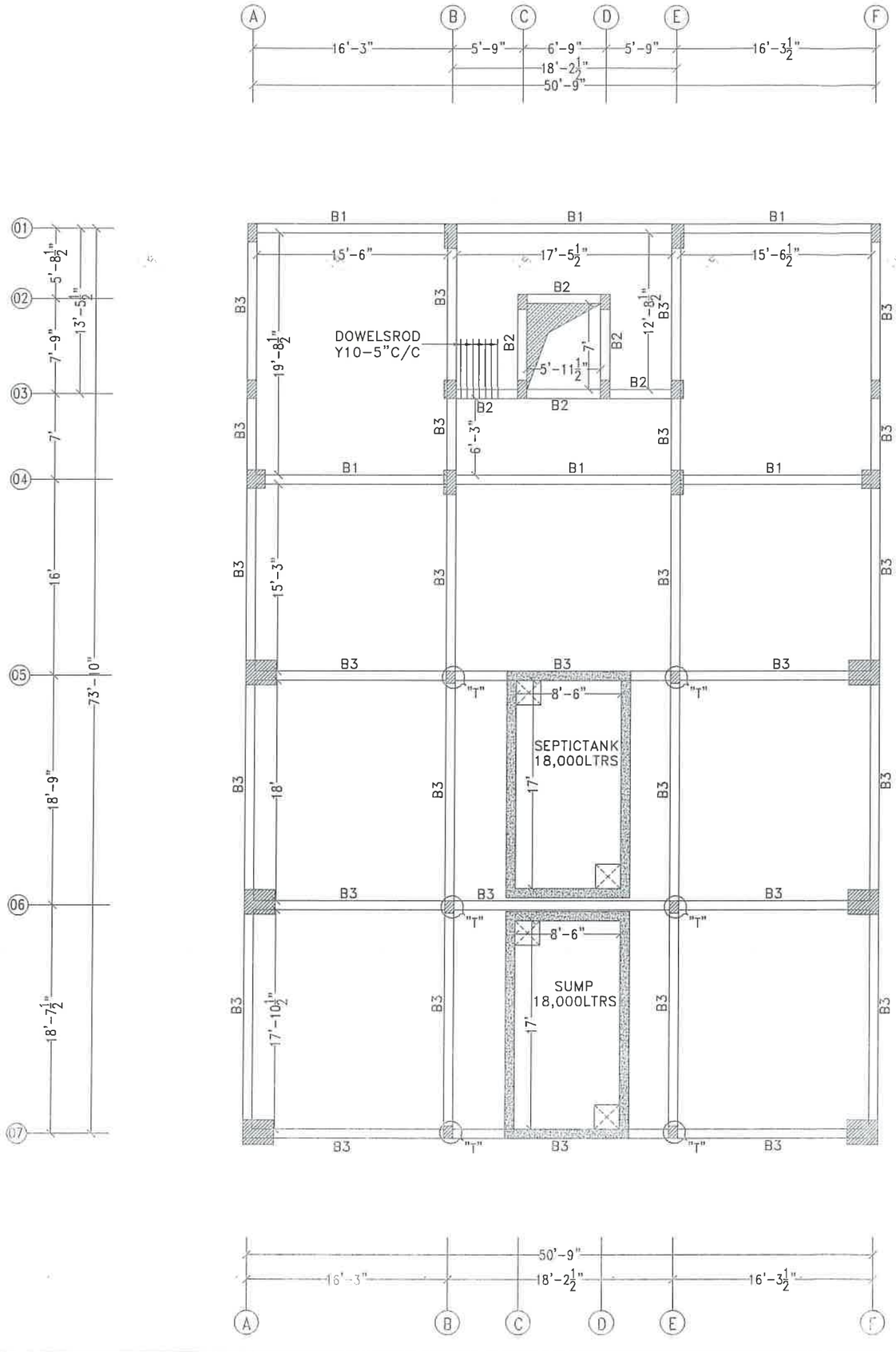
SUMP & SEPTIC TANK DETAILS

REVISION:– R0

DIRECTION:– E N S W

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bwstructuraldesign@gmail.com,

ISSUED FOR:– ☑ CONSTRUCTION ONLY



ISSUED FOR:-	☑ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:-

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

2.0 GRADE:-
CONCRETE - M35(AS PER MIX DESIGN)
READY MIX CONCRETE - M40(AS PER MIX DESIGN)
STEEL - FE 500.

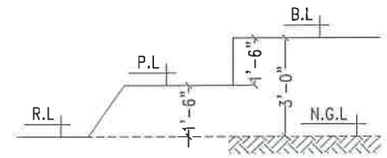
3.0 COVER:-
BEAM-1", SLAB-¾", RC WALL-1.5",
WAIST SLAB-¾", FOOTING-2".

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

5.0 SOIL TEST:-
REPORT NO:GS_SEP24_C150_VENGAIVASALVILLAGE
SBC - 200 kN/M2 AT 10'-0" FROM NGL

NOTE	DESCRIPTION	SYMBOL
B	BEAM	
TB	TIE BEAM	
	LIFT OPENING	

LEVELS



PROJECT:-

CLIENT: Mr.M/s.ROHAAN CONSTRUCTION PVT.LTD.

TITLE: THE PROPOSED COMMERCIAL BUILDING AT VENGAIVASAL.

BUILDER:-

ROHAAN CONSTRUCTION

DATE:	04-10-2024	ST-03
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST-2024/02/01/98/04/09/01	

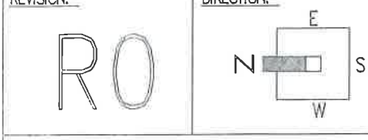
TITLE:-

GRADE BEAM LAYOUT

REVISION:-

R0

DIRECTION:-



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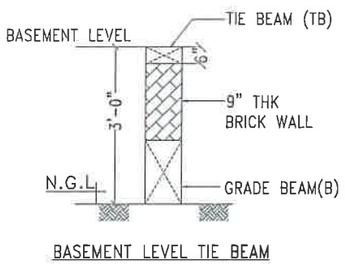
N.TAMILVANAN, M.E.(STRUCT.,)
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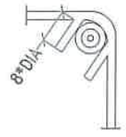
ISSUED FOR:- ☑ CONSTRUCTION ONLY

GRADE BEAM REINFORCEMENT SCHEDULE:-

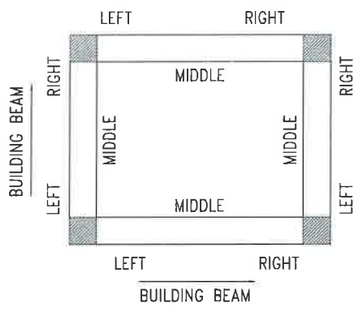
BEAM SIZE B&D	BEAM @ LEFT CANTILEVER	BEAM @ LEFT	BEAM @ MIDDLE	BEAM @ RIGHT	BEAM @ RIGHT CANTILEVER
0'-9"X1'-6" B1	- - - -	3-Y16(T), 2-Y16(C), Y8-5"C/C, 2-Y16(T), 3-Y16(T)	3-Y16(T), Y8-7"C/C, 2-Y16(T), 3-Y16(T)	3-Y16(T), 2-Y16(C), Y8-5"C/C, 2-Y16(T), 3-Y16(T)	- - - -
0'-9"X1'-3" B2	- - - -	3-Y12(T), Y8-5"C/C, 3-Y12(T)	3-Y12(T), Y8-7"C/C, 3-Y12(T)	3-Y12(T), Y8-5"C/C, 3-Y12(T)	- - - -
0'-9"X1'-6" B3	- - - -	3-Y16(T), Y8-5"C/C, 3-Y16(T)	3-Y16(T), Y8-7"C/C, 3-Y16(T)	3-Y16(T), Y8-5"C/C, 3-Y16(T)	- - - -



BASEMENT LEVEL TIE BEAM



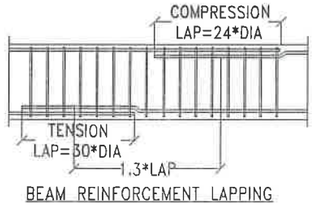
ANCHORING ENDS OF STIRRUPS



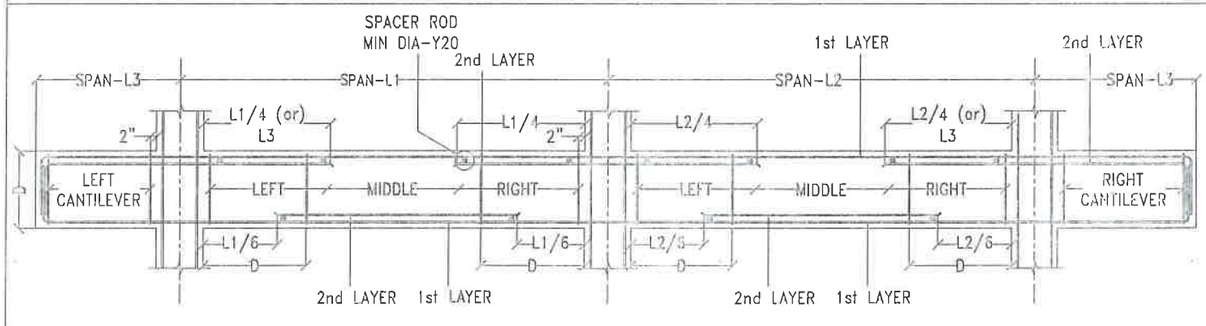
DIRECTION OF BEAM ARRANGEMENT

BASEMENT LEVEL BEAM REINFORCEMENT SCHEDULE:-

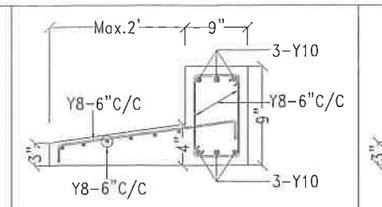
BEAM SIZE B&D	BEAM DETAILS
0'-9"x0'-6" T8	3-Y12(T), Y8-6"C/C, 3-Y12(T)



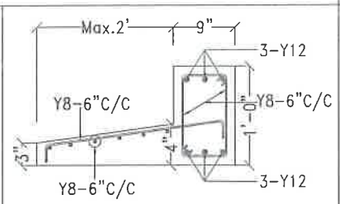
BEAM REINFORCEMENT LAPPING



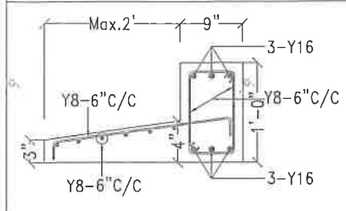
TYPICAL LONGITUDINAL BEAM SECTION DETAILS



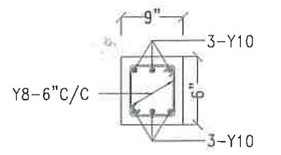
OPENING UP TO 5'-0"



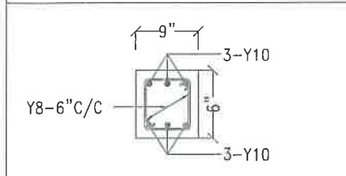
OPENING UP TO 5'-0" TO 8'-0"



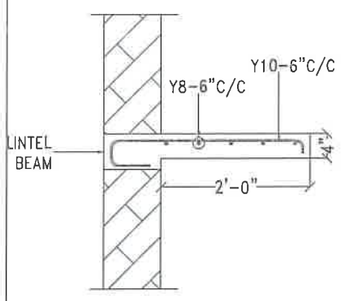
OPENING UP TO 8'-0" TO 10'-0"



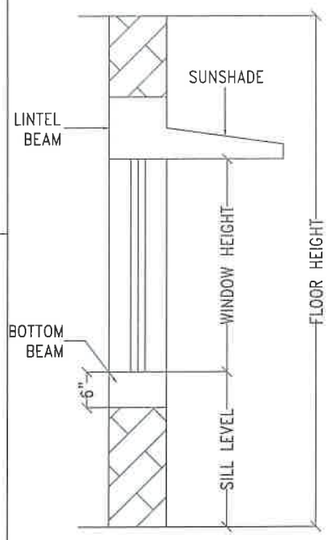
CONTINUOUS LINTEL BEAM(LB)



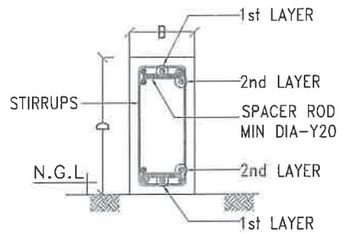
BOTTOM LINTEL BEAM(BB)



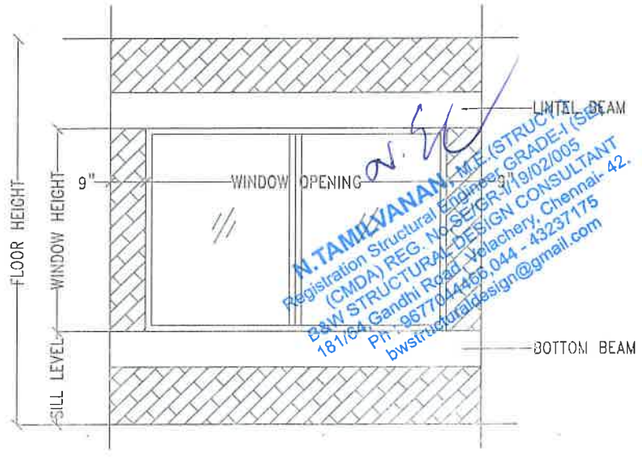
LOFT SLAB



LINTEL CROSS SECTION



TYPICAL CROSS SECTION BEAM



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GENERAL TECHNICAL NOTES:-

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

2.0 GRADE:-
CONCRETE - M35(AS PER MIX DESIGN)
READY MIX CONCRETE - M40(AS PER MIX DESIGN)
STEEL - FE 500.

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

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

5.0 SOIL TEST:-
REPORT NO:GS_SEP24_C150_VENGAIVASALVILLAGE
SBC - 200 kN/M2 AT 10'-0" FROM NGL

PROJECT:-

CLIENT: Mr.M/s.ROHAAN CONSTRUCTION PVT.LTD.

TITLE: THE PROPOSED COMMERCIAL BUILDING AT VENGAIVASAL.

BUILDER:-

ROHAAN CONSTRUCTION

DATE:	04-10-2024
DRAWING BY:	CHANDRU
DESIGN BY:	NTV
PROJECT NO:	ST-2024/02/01/98/04/09/01

ST-03A

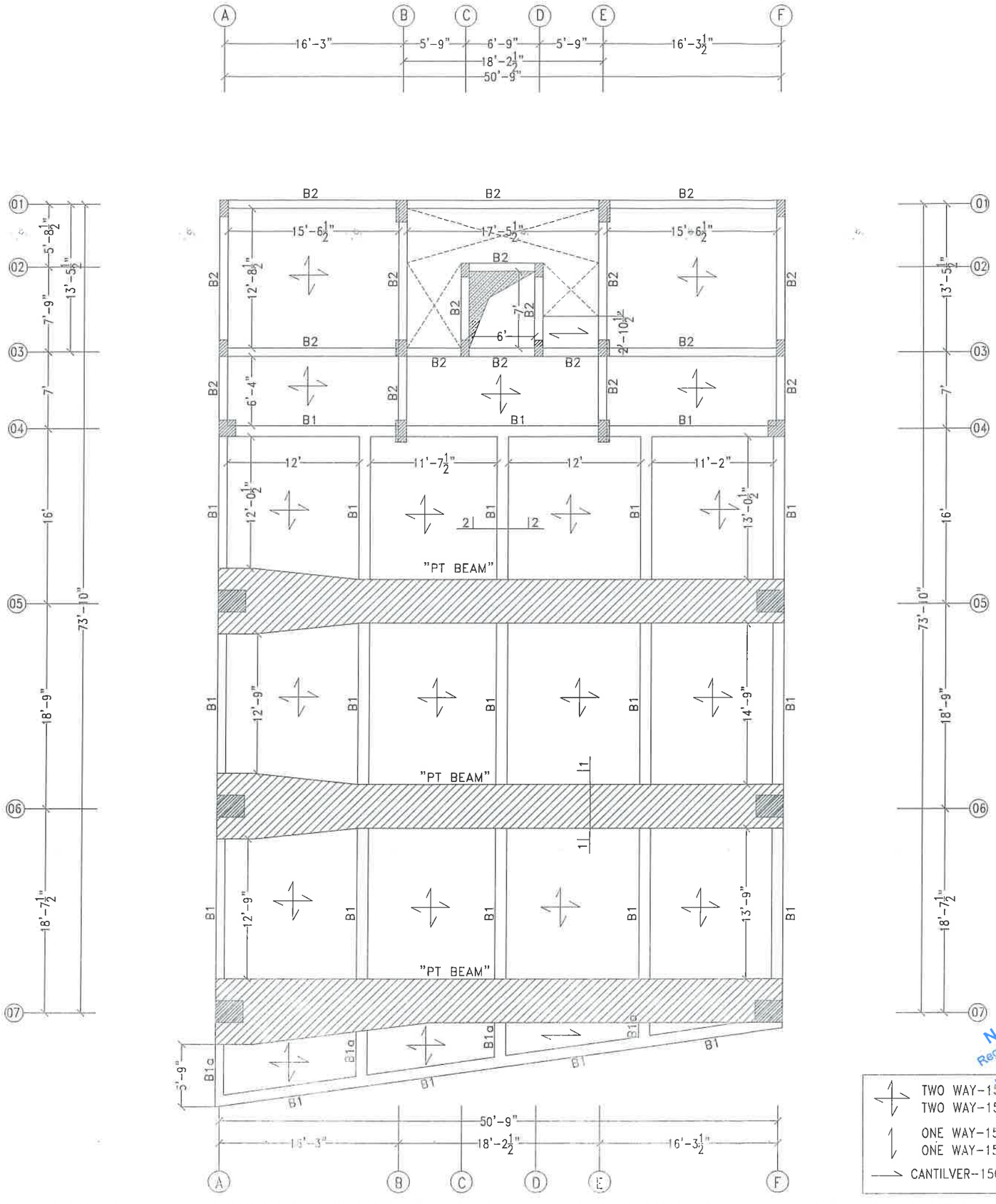
TITLE:-
GRADE BEAM, WINDOW, LINTEL, LOFTSLAB REINFORCEMENT DETAILS

REVISION:- R0

DIRECTION:- E, N, S, W

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bwstructuraldesign@gmail.com,

ISSUED FOR:- ☑ CONSTRUCTION ONLY



ISSUED FOR:–	☑ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:–

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

2.0 GRADE:–
CONCRETE – M35(AS PER MIX DESIGN)
READY MIX CONCRETE – M40(AS PER MIX DESIGN)
STEEL – FE 500.

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

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

5.0 SOIL TEST:–
REPORT NO:GS_SEP24_C150_VENGAIVASALVILLAGE
SBC – 200 kN/M2 AT 10'–0" FROM NGL

NOTE	DESCRIPTION	SYMBOL
B	BEAM	

TWO WAY–150 – SHORTER DIRECTION – Y10–150C/C
TWO WAY–150 – LONGER DIRECTION – Y10–150C/C
ONE WAY–150 – SHORTER DIRECTION – Y10–150C/C
ONE WAY–150 – DISTRIBUTOR – Y10–150C/C
CANTILVER–150 – TOP REINFORCEMENT – Y10–150C/C

PROJECT:–

CLIENT: Mr.M/s.ROHAAN CONSTRUCTION PVT.LTD.

TITLE: THE PROPOSED COMMERCIAL BUILDING AT VENGAIVASAL.

BUILDER:–

ROHAAN CONSTRUCTION

DATE:	04–10–2024	ST–04
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST–2024/02/01/98/04/09/01	

TITLE:– GROUND FLOOR ROOF BEAM LAYOUT & SLAB REINFORCEMENT LAYOUT

REVISION:– R0

DIRECTION:– E, N, S, W

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9677044466, 9677044515, 044–43237175.
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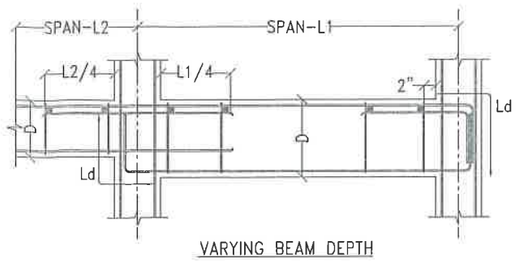
N.TAMILVANAN, M.E.(STRUCT.,)
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ISSUED FOR:– ☑ CONSTRUCTION ONLY

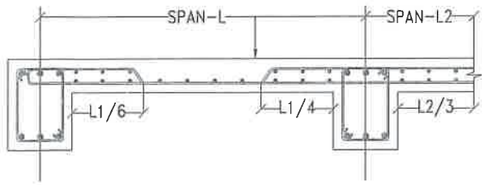
ISSUED FOR:- ☑ CONSTRUCTION ONLY

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

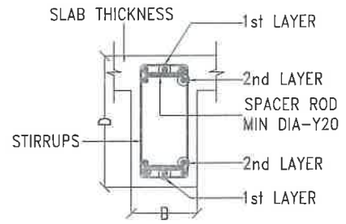
BEAM SIZE B&D	BEAM @ LEFT CANTILEVER	BEAM @ LEFT	BEAM @ MIDDLE	BEAM @ RIGHT	BEAM @ RIGHT CANTILEVER
1'-0"X1'-6"	3-Y20(T)	3-Y20(T)	3-Y20(T)	3-Y20(T)	
B1	2-Y16(T) Y8-5"C/C 2-Y16(T) B1a 3-Y20(T)	2-Y16(T) Y8-5"C/C 2-Y16(T) 3-Y20(T)	2-Y16(T) Y8-7"C/C 2-Y16(T) 3-Y20(T)	2-Y16(T) Y8-5"C/C 2-Y16(T) 3-Y20(T)	- - - -
0'-9"X1'-6"		3-Y12(T)	3-Y12(T)	3-Y12(T)	
B2	- - - -	2-Y12(T) Y8-5"C/C 2-Y12(T) 3-Y12(T)	2-Y12(T) Y8-7"C/C 2-Y12(T) 3-Y12(T)	2-Y12(T) Y8-5"C/C 2-Y12(T) 3-Y12(T)	- - - -
PT	- - - -	PT - BEAM			- - - -



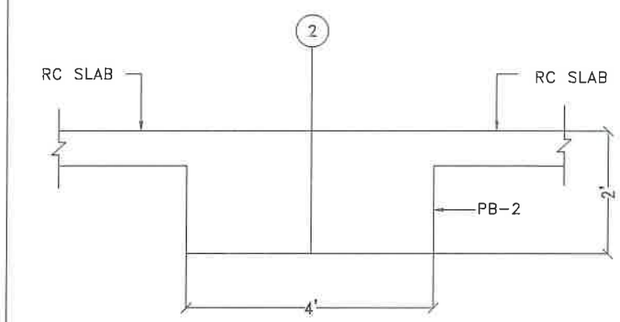
VARYING BEAM DEPTH



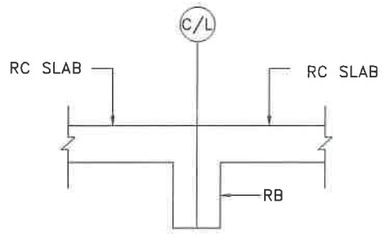
TYPICAL ROOF SLAB REINFORCEMENT DETAILS



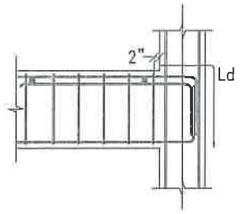
B(TYP.) C/S ROOF BEAM



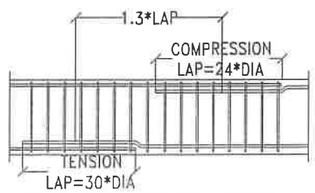
SECTION 1-1



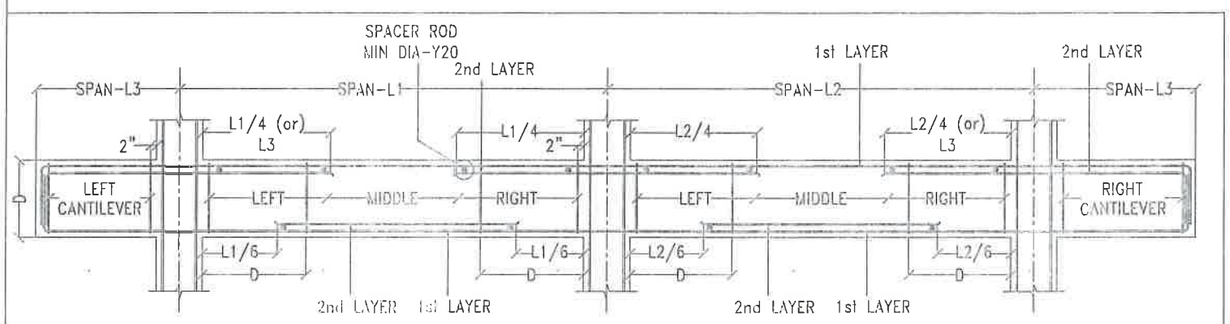
SECTION 2-2



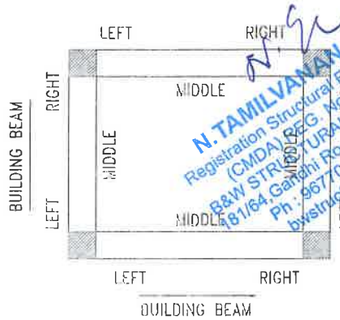
ANCHOR REINFORCEMENT DETAILS FOR END BEAM



BEAM REINFORCEMENT LAPPING



TYPICAL LONGITUDINAL BEAM SECTION DETAILS



DIRECTION OF BEAM ARRANGEMENT

GENERAL TECHNICAL NOTES:-

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

2.0 GRADE:-
CONCRETE - M35(AS PER MIX DESIGN)
READY MIX CONCRETE - M40(AS PER MIX DESIGN)
STEEL - FE 500.

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

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

5.0 SOIL TEST:-
REPORT NO:GS_SEP24_C150_VENGAIVASALVILLAGE
SBC - 200 kN/M2 AT 10'-0" FROM NGL

PROJECT:-

CLIENT: Mr.M/s.ROHAAN CONSTRUCTION PVT.LTD.

TITLE: THE PROPOSED COMMERCIAL BUILDING AT VENGAIVASAL.

BUILDER:-

ROHAAN CONSTRUCTION

DATE:	04-10-2024	ST-04A
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST-2024/02/01/98/04/09/01	

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

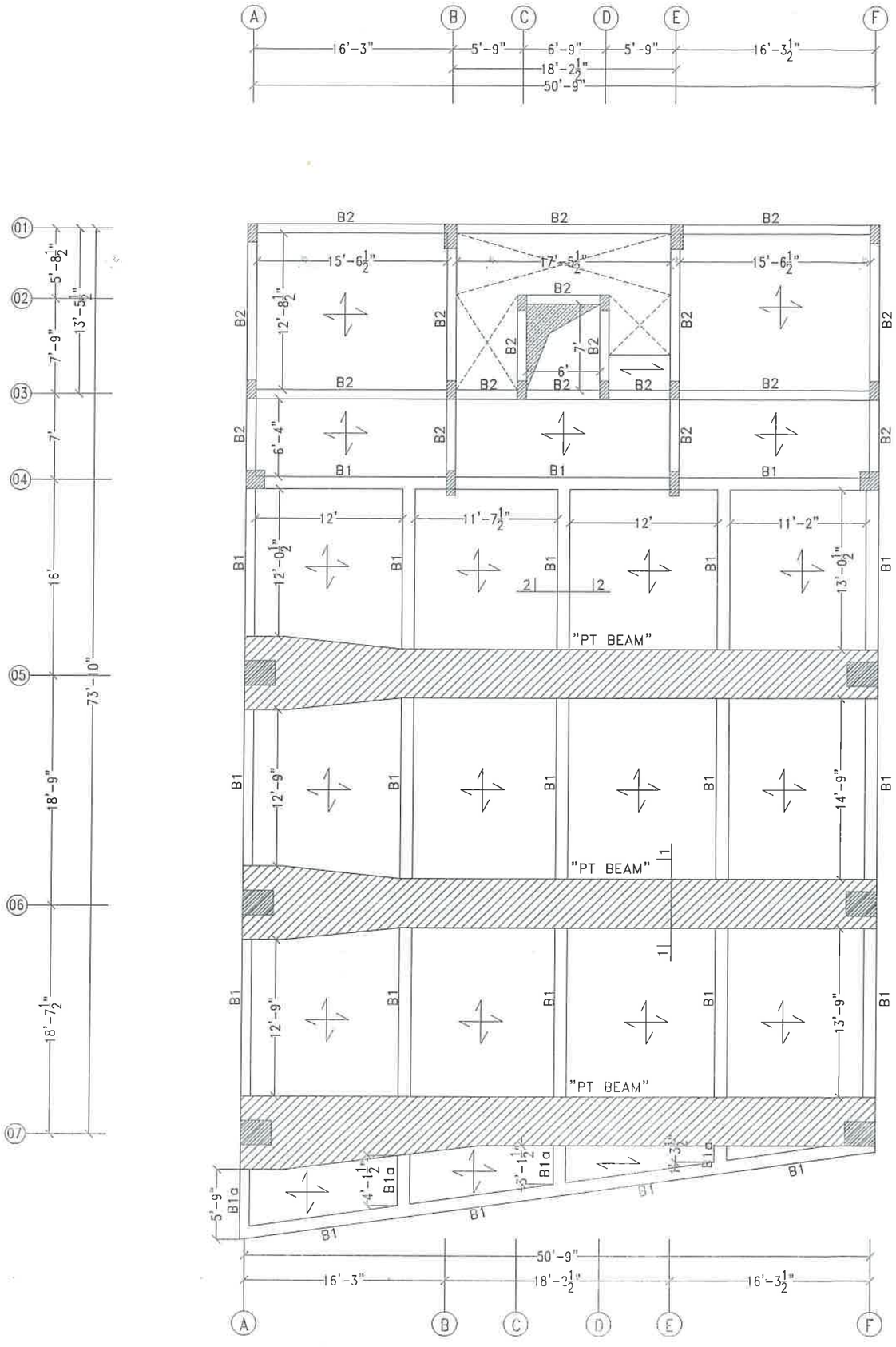
REVISION:- R0

DIRECTION:- E N S W

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ISSUED FOR:- ☑ CONSTRUCTION ONLY



TWO WAY-150 - SHORTER DIRECTION - Y10-150C/C
TWO WAY-150 - LONGER DIRECTION - Y10-150C/C
ONE WAY-150 - SHORTER DIRECTION - Y10-150C/C
ONE WAY-150 - DISTRIBUTOR - Y10-150C/C
CANTILVER-150 - TOP REINFORCEMENT - Y10-150C/C

ISSUED FOR:- ☑ CONSTRUCTION ONLY

GENERAL TECHNICAL NOTES:-

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

2.0 GRADE:-
CONCRETE - M35(AS PER MIX DESIGN)
READY MIX CONCRETE - M40(AS PER MIX DESIGN)
STEEL - FE 500.

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

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

5.0 SOIL TEST:-
REPORT NO:GS_SEP24_C150_VENGAIVASALVILLAGE
SBC - 200 kN/M2 AT 10'-0" FROM NGL

NOTE	DESCRIPTION	SYMBOL
B	BEAM	

PROJECT:-

CLIENT: Mr.M/s.ROHAAN CONSTRUCTION PVT.LTD.

TITLE: THE PROPOSED COMMERCIAL BUILDING AT VENGAIVASAL.

BUILDER:-

ROHAAN CONSTRUCTION

DATE:	04-10-2024	ST-05
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST-2024/02/01/98/04/09/01	

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

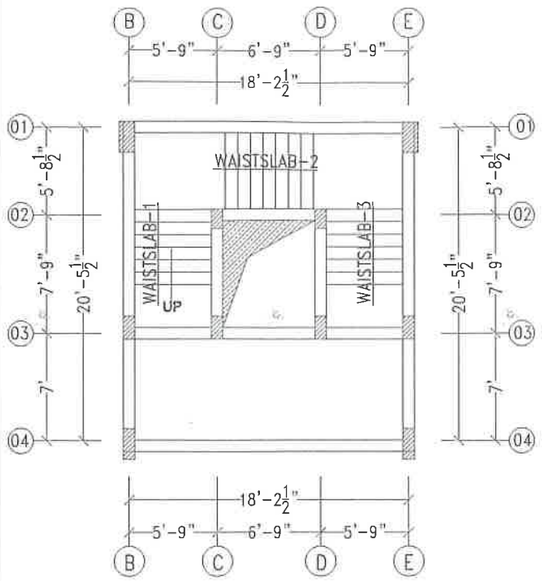
REVISION:- R0

DIRECTION:- E N S W

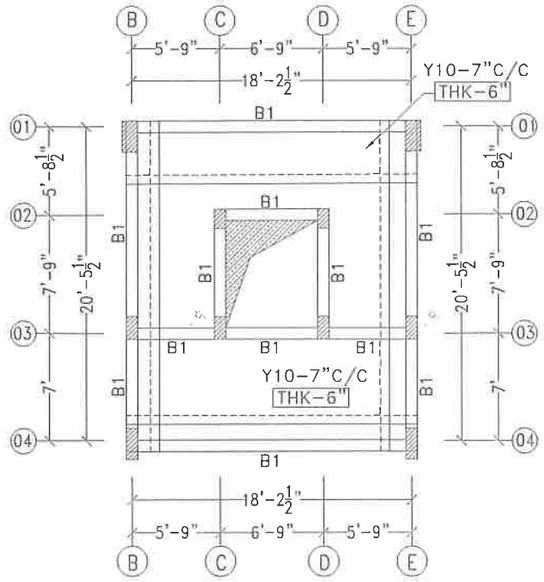
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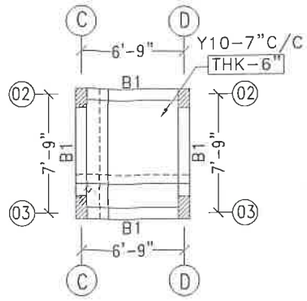
ISSUED FOR:- ☑ CONSTRUCTION ONLY



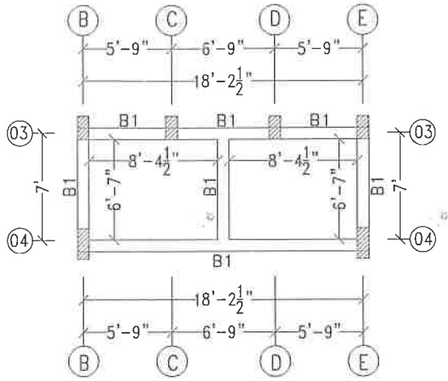
STAIECASE & LIFT LAYOUT



STAIECASE HEADROOM LAYOUT



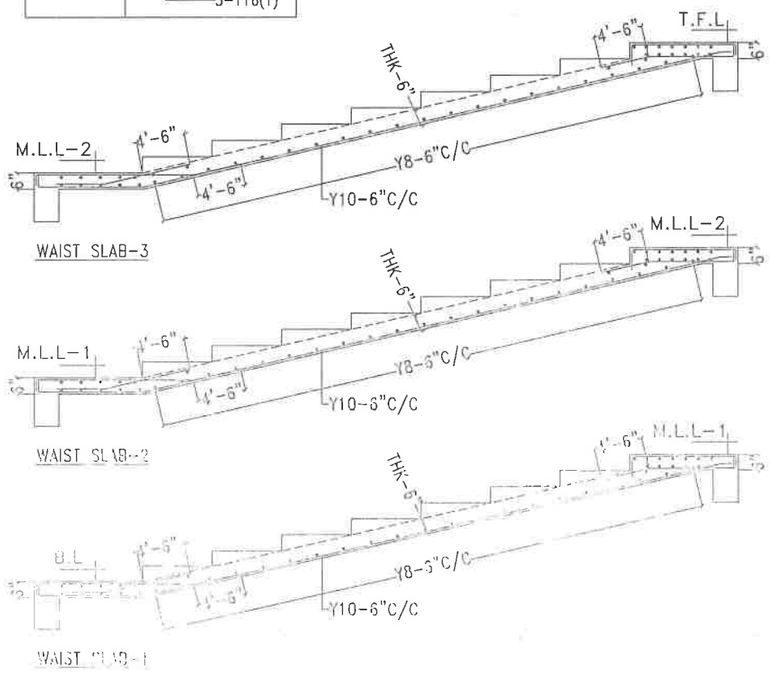
LIFT HEADROOM LAYOUT
(5'-0" FROM TERRACE FLOOR)

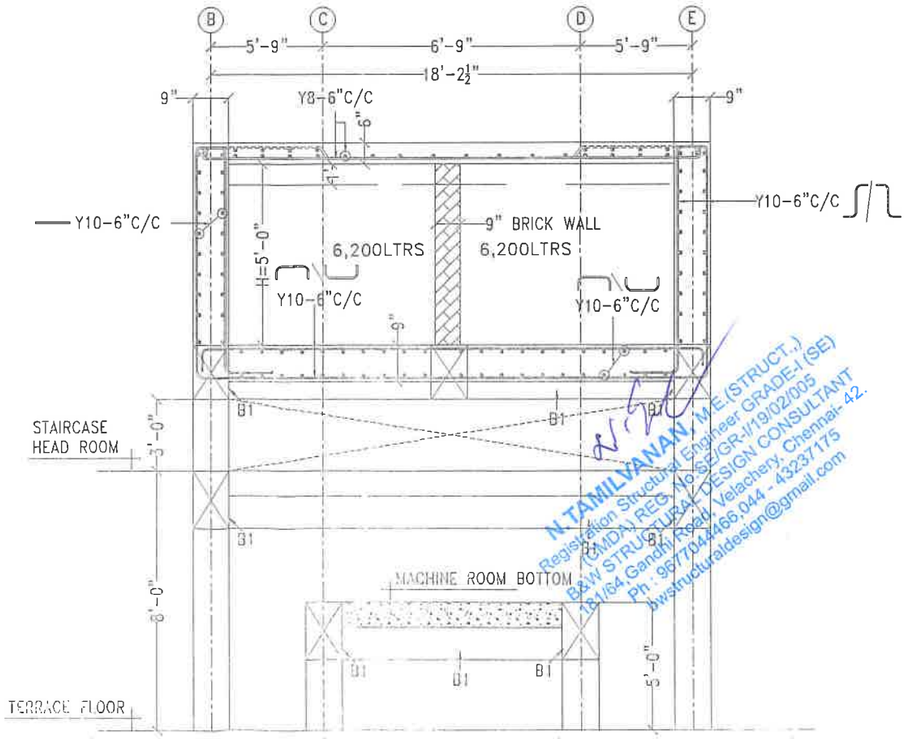


WATERTANK LAYOUT

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

BEAM SIZE B&D	BEAM DETAILS
0'-9"x1'-3"	3-Y16(T)
B1	2-Y12(C), Y8-5"C/C, 2-Y12(T)
	3-Y16(T)





STAIRCASE HEAD ROOM, LIFT & CHINE ROOM & WATER TANK 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:-
CONCRETE - M35(AS PER MIX DESIGN)
READY MIX CONCRETE - M40(AS PER MIX DESIGN)
STEEL - FE 500.

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

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

5.0 SOIL TEST:-
REPORT NO:GS_SEP24_C150_VENGAIVASALVILLAGE
SBC - 200 kN/M2 AT 10'-0" FROM NGL

PROJECT:-

CLIENT: Mr.M/s.ROHAAN CONSTRUCTION PVT.LTD.

TITLE: THE PROPOSED COMMERCIAL BUILDING AT VENGAIVASAL.

BUILDER:-

ROHAAN CONSTRUCTION

DATE:	04-10-2024	ST-05A
DRAWING BY:	CHANDRU	
DESIGN BY:	NTV	
PROJECT NO:	ST-2024/02/01/98/04/09/01	

TITLE:-
STAIRCASE, LIFT, HEADROOM, WATERTANK LAYOUT & REINFORCEMENT DETAILS

REVISION:- R0

DIRECTION:- E N S W

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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
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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.