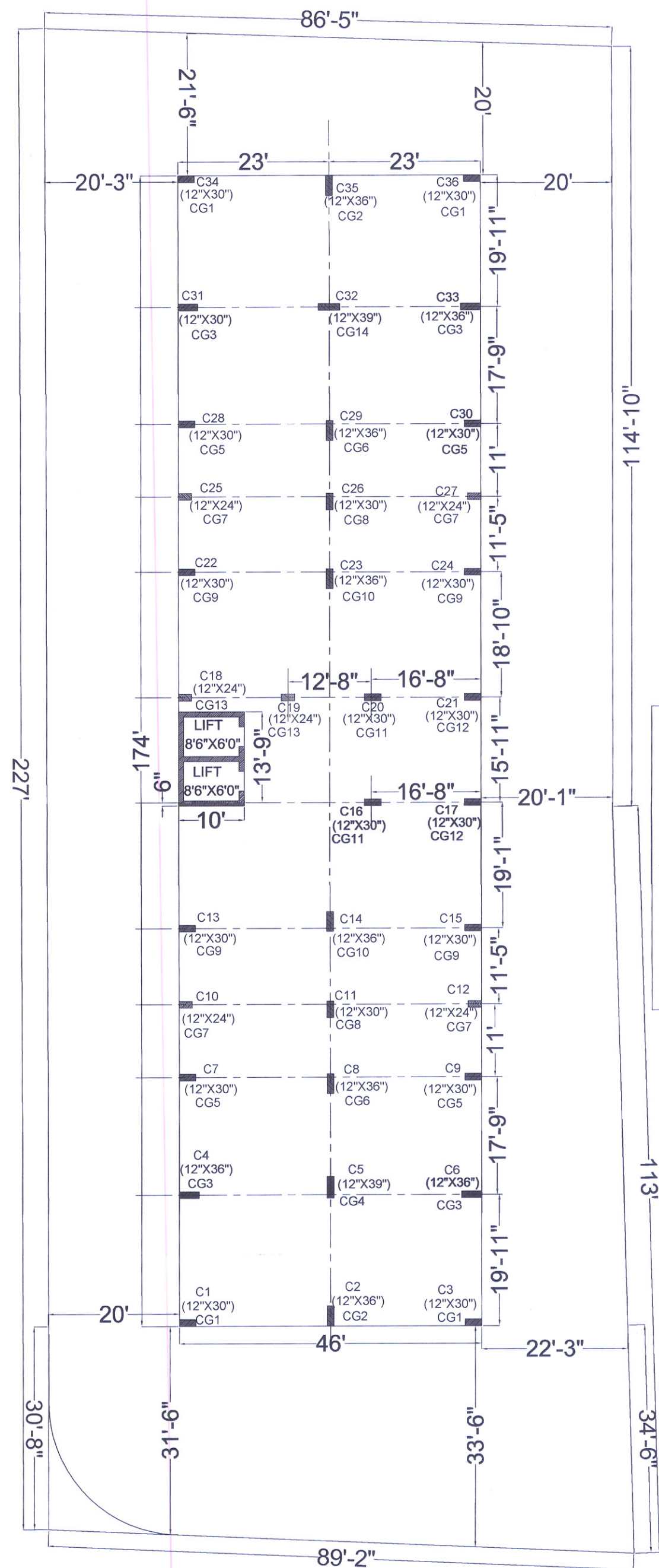




CENTER LINE PLAN

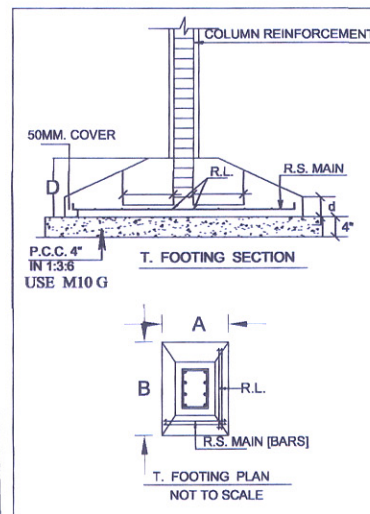
FOOTING DESIGN SCHEDULE
SPACEFRAME STRUCTURE

As Per IS 456 : 2000

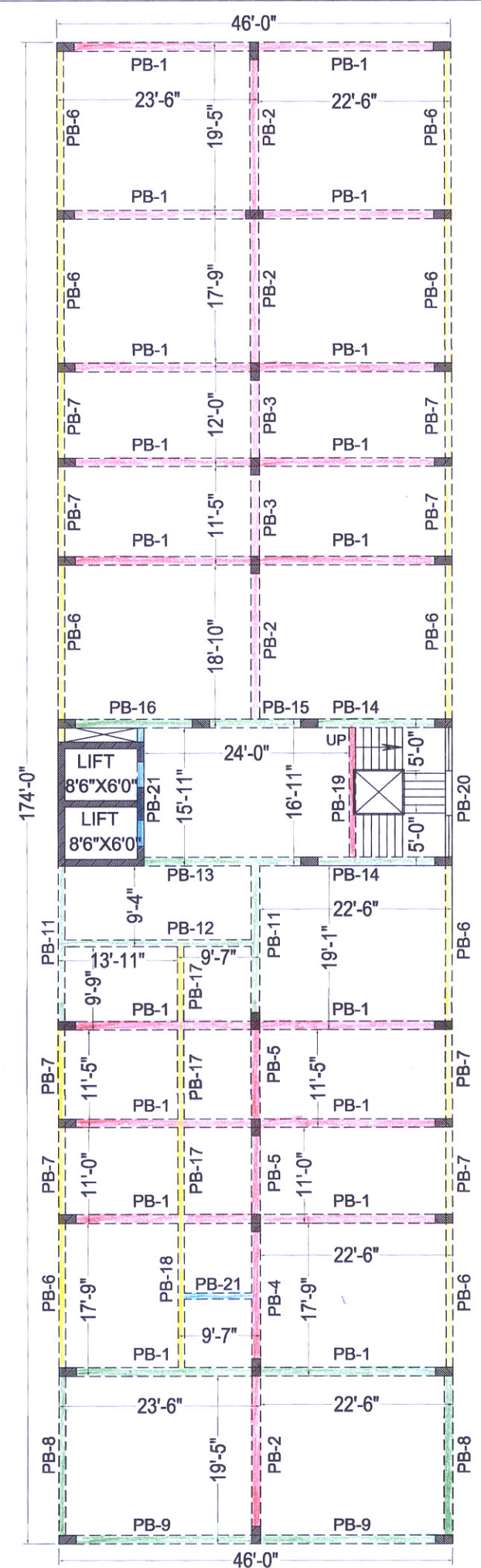
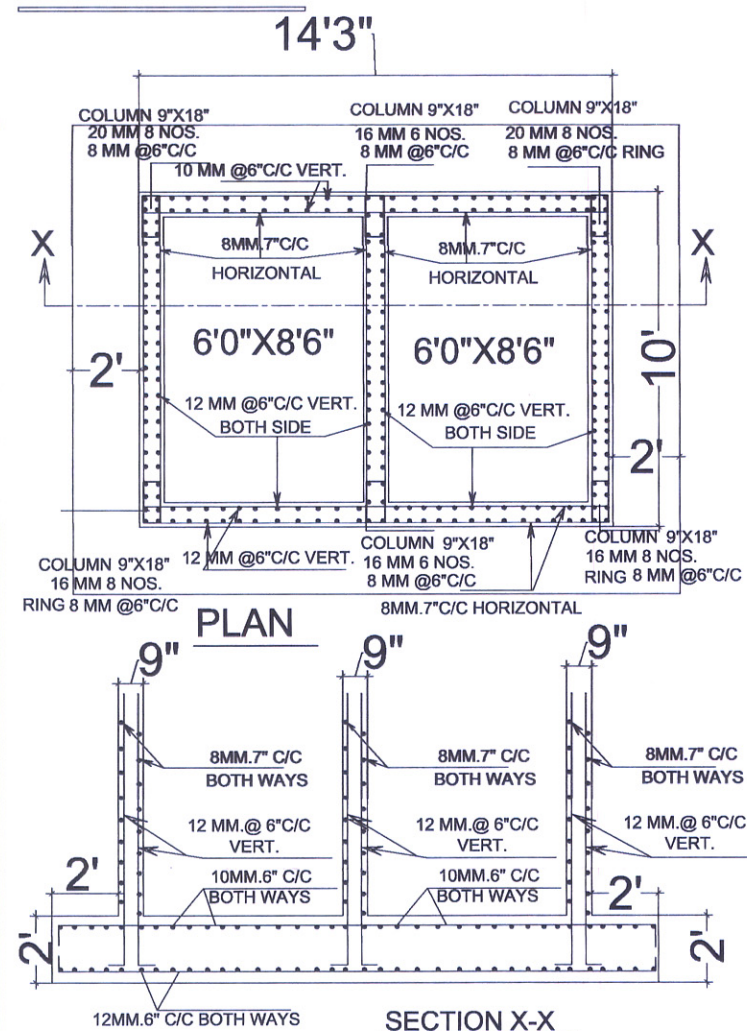
SBC=20T/M2

Schedule of Footings - Trapezoidal Footings

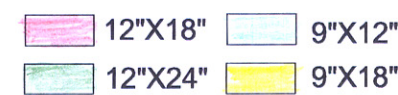
Column Nos	PCC Size	Footing Size	Minimum (d) Depth mm	Total (D) Depth mm	Steel to X mm	Steel to Y mm
C1,3,34,36	4225 x 4700	3925 x 4400	150	1400	46 - #12	39 - #12
C2,35	4625 x 5225	4325 x 4925	150	1550	57 - #12	47 - #12
C4,6,31,33	4575 x 5150	4275 x 4850	150	1500	55 - #12	45 - #12
C5	4875 x 5575	4575 x 5275	150	1650	65 - #12	53 - #12
C7,9,28,30	4175 x 4600	3875 x 4300	150	1350	43 - #12	37 - #12
C8,29	4225 x 4825	3925 x 4525	150	1425	49 - #12	40 - #12
C10,12,25,27	3750 x 4050	3450 x 3750	150	1200	34 - #12	29 - #12
C11,26	4000 x 4450	3700 x 4150	150	1300	40 - #12	34 - #12
C13,15,22,24	4225 x 4675	3925 x 4375	150	1375	45 - #12	38 - #12
C14,23	4550 x 5125	4250 x 4825	150	1525	55 - #12	46 - #12
C16,20	3975 x 4425	3675 x 4125	150	1300	40 - #12	34 - #12
C17,21	3975 x 4425	3675 x 4125	150	1300	40 - #12	34 - #12
C32	4925 x 5625	4625 x 5325	150	1675	67 - #12	54 - #12
C18	3150 x 3450	2850 x 3150	150	1050	25 - #12	22 - #12
C19	3225 x 3525	2925 x 3225	150	1025	25 - #12	22 - #12



LIFT WALL DETAIL



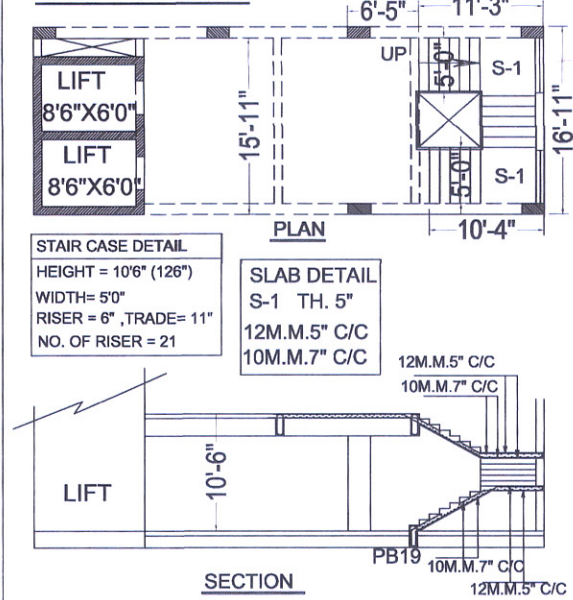
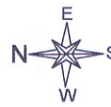
BEAM SIZE :-



PLINTH BEAM PLAN

SHEET NO [1]									
S.NO.	BEAM NO.	BEAM SIZE BxD	BOTTOM REINFORCEMENT THROUGH OUT BARS	EXTRA AT MID SPAN	TOP REINFORCEMENT THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS
1	PB1	12"X18"	2-16 R (15'0")	2-16 R (15'0")	2-12 R	1-16 R (6'0")	2-16 R (15') PB1	8R@7"C/C	USE MIX M25 G
2	PB2	12"X18"	2-16 R (13'0")	2-16 R (13'0")	2-12 R	1-12 R (5'0")	2-16 R (15') PB2	8R@7"C/C	USE MIX M25 G
3	PB3	12"X18"	2-16 R		2-12 R			8R@8"C/C	USE MIX M25 G
4	PB4	12"X18"	2-16 R (13'0")	2-16 R (13'0")	2-12 R	1-16 R (10') PB4	2-20 R (13') PB2	8R@5"C/C	USE MIX M25 G
5	PB5	12"X18"	3-16 R		2-12 R		1-16 R (7') PB5	8R@6"C/C	USE MIX M25 G
6	PB6	9"X18"	2-16 R (13'0")	2-16 R (13'0")	2-12 R	1-12 R (5'0")	1-16 R (13') PB6	8R@7"C/C	USE MIX M25 G
7	PB7	9"X18"	2-16 R		2-12 R			8R@8"C/C	USE MIX M25 G
8	PB8	12"X24"	2-16 R (13'0")	2-16 R (13'0")	2-12 R	1-16 R (5'0")	2-16 R (13') PB8	8R@6"C/C	USE MIX M25 G
9	PB9	12"X24"	2-20 R (15'0")	2-16 R (15'0")	2-12 R	1-20 R (6'0")	2-20 R (15') PB9	8R@5"C/C 8R@7"C/C	USE MIX M25 G
10	PB10	12"X24"	2-20 R (15'0")	2-20 R (15'0")	2-12 R	1-20 R (6'0")	2-25 R (15') PB10	8R@4"C/C 8R@6"C/C	USE MIX M25 G

SHEET NO [2]									
S.NO.	BEAM NO.	BEAM SIZE BxD	BOTTOM REINFORCEMENT THROUGH OUT BARS	EXTRA AT MID SPAN	TOP REINFORCEMENT THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS
11	PB11	12"X24"	3-25 R (13'0")	2-20 R (13'0")	2-16 R	1-25 R (6'0")	2-25 R (10') PB11	8R@4"C/C 8R@6"C/C	USE MIX M25 G
12	PB12	12"X24"	2-20 R	2-16 R (15'0")	2-12 R	1-16 R (6'0")		8R@5"C/C	USE MIX M25 G
13	PB13	12"X24"	2-25 R (14'0")	2-16 R	2-16 R	1-25 R (6'0")	2-25 R (12') PB13	8R@4"C/C	USE MIX M25 G
14	PB14	12"X24"	1-25 R (10'0")	2-16 R	1-20 R (5'0")			8R@5"C/C	USE MIX M25 G
15	PB15	12"X24"	2-25 R	1-20 R (9'0")	2-16 R		2-25 R (10') PB15	8R@4"C/C	USE MIX M25 G
16	PB16	12"X24"	2-25 R		2-16 R		2-25 R (10') PB16	8R@6"C/C	USE MIX M25 G
17	PB17	9"X18"	2-16 R		2-12 R		2-16 R (7') PB17	8R@6"C/C	USE MIX M25 G
18	PB18	9"X18"	2-16 R (12'0")	2-16 R (12'0")	2-12 R	1-12 R (5'0")	2-16 R (10') PB18	8R@5"C/C	USE MIX M25 G
19	PB19	12"X18"	2-20 R (10'0")	2-16 R (10'0")	2-16 R			8R@5"C/C	USE MIX M25 G
20	PB20	12"X24"	2-20 R (10'0")	2-16 R (10'0")	2-12 R		2-20 R (12') PB20	8R@5"C/C	USE MIX M25 G
21	PB21	9"X12"	2-12 R		2-10 R			8R@8"C/C	USE MIX M25 G

FIRST STILT
STAIR CASE DETAILCENTER LINE PLAN ,
FOOTING DETAIL,
LIFT DETAIL,
PLINTH BEAM DETAIL,
STAIR CASE DETAIL

SPECIFICATIONS/NOTES:-

- ALL DIMENSIONS ARE IN FEET & INCHES EXCEPT BAR DIAMETER, BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
- ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
- ALL CONCRETE MIX SHALL BE M-20 IF NOT SPECIFIED.
- ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM.
- USE M-20 GRADE CONE & STEEL HYSD FE-500.
- CHANGE MUST BE DONE AFTER DESIGNER APPROVAL.
- CLEAR COVER TO BARS SHALL BE AS UNDER
SLAB - 20MM, BEAM - 25MM, COLUMN - 40MM, WALL - 30MM
RAFT - 50 MM
- MINIMUM PERIOD BEFORE STRIKING FORMWORK
- COLUMN AND VERTICAL FORMWORK TO COLUMN, WALLS, BEAMS
16 - 24 HOUR
- STRIKING SOFFIT FORMWORK TO SLABS : 3-DAYS
STRIKING SOFFIT FORMWORK TO BEAMS : 7-DAYS
- STRIKING FORMWORK OF PROPS TO SLABS
SPANNING UP TO 4.5 MT. : 7 DAYS
SPANNING OVER 4.5 MT. : 14 DAYS
- STRIKING FORMWORK OF PROPS TO BEAMS
SPANNING UP TO 6.0 MT. : 14 DAYS
SPANNING OVER 6.0 MT. : 21 DAYS
- BOTTOM OF CANTILEVER BEAM AND CANTILEVER SLAB SHALL NOT BE REMOVED UNLESS AND UNTILL PROPER COUNTER WEIGHT IS PROVIDED.
- STEEL CHAIR SHALL BE PROVIDED TO KEEP TOP REINFORCEMENT OF SLAB IN PROPER POSITION.
- THE BUILDING IS DESIGNED FOR EARTHQUAKE LOADS FOR ZONE - II ARE CONSIDERED FROM THE RESPECTIVE CODES
- THE BUILDING LOADS ARE CONSIDERED FROM IS 875 PART (II) & IS : 1893 & IS : 456
- S.B.C. AS PER SOIL TESTING REPORT AT 2.5 MT. DEPTH 20 TONE / M2

PROPOSED RESIDENTIAL (FLATS) BUILDING PLAN FOR
M/S NIRVAN ENTERPRISES THROUGH PARTNER
SH. GAJENDRA MANDOT
S/O LATE SH. MADAN LAL MANDOT
AT PLOT NO. 4 KH. NO.879, 882/1, 877/1474, 870/1
,946,998,1000 AND PLOT NO. 11 KH. NO. 1619/988,
1621/997 REV. VILLAGE SHOBHAGPURA,
TEH- BADGAON, JDAIPUR .

BUILDING APPROVAL THROUGH
U.I.T. JDAIPUR LETTER NO.
F-7 (JUDAB-PLAN/ 2023/3029-3033
DATE :- 21/11/2023
STILT + U. STILT + G + 5 th FLOOR

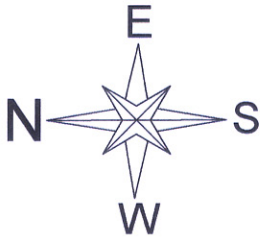
MOHIT MENARIA
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STRUCTURAL ENGINEER
Mohit Menaria
Reg. No. AM1938099
Chartered Engineer
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233, Connaught Place, Udaipur
Mobile No. :- 830220177

COLUMN SCHEDULE FLOORWISE



SPECIFICATIONS/NOTES:-

- ALL DIMENSIONS ARE IN FEET & INCHES,EXCEPT BAR DIAMETER.BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
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PROPOSED RESIDENTIAL (FLATS) BUILDING PLAN FOR
M/S NIRVAN ENTERPRISES THROUGH PARTNER
SH. GAJENDRA MANDOT
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,946,998,1000 AND PLOT NO. 11 KH. NO. 1619/988,
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BUILDING APPROVAL THROUGH
U.I.T. UDAIPUR LETTER NO.
F-7 (/UDA/B-PLAN/ 2023/3029-3033
DATE :- 21/11/2023
STILT + U. STILT + G + 5 th FLOOR

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6th. FLOOR Default Level ▽Floor - 8 CONC.M25 G.	AS BELOW	AS BELOW	AS BELOW	 DIMENSION : 300 x 600 MAIN STEEL : 14 #16 TIES: 2-8 @125/175	AS BELOW	 DIMENSION : 300 x 750 MAIN STEEL : 12 #16 TIES: 2-8 @125/175	AS BELOW	 DIMENSION : 300 x 600 MAIN STEEL : 12 #16 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 4 #20+ 14#16 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 10#16 + 8 #20 TIES: 3-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 12 #16 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 14 #16 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 20 #16 TIES: 3-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 3-8 @125/175
5th. FLOOR Default Level ▽Floor - 7 CONC.M25 G.	 DIMENSION : 300 x 600 MAIN STEEL : 14 #16 TIES: 2-8 @125/175	 DIMENSION : 305 x 610 MAIN STEEL : 16 #16 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 14 #16 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 14 #20 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 12 #16 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 14 #20 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 14 #16 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 12 #16 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 10 #16 + 8 #20 TIES: 3-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 18 #20 TIES: 3-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 12 #16 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 8 #16 + 6 #20 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 12 #16 TIES: 3-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 10 #16 + 10 #20 TIES: 2-8 @125/175
4th. FLOOR Default Level ▽Floor - 6 CONC.M25 G.	 DIMENSION : 300 x 600 MAIN STEEL : 4#20+ 10 #16 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 16 #20 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 14 #20 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 8 #20 + 6 #25 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 8 #16 + 4 #20 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 8 #20 + 6 #25 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 6 #20+8 #16 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 8 #20+4 #16 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 18 #20 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 12 #20 + 6 #25 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 12 #20 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 14 #20 TIES: 3-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 8 #16 + 4 #20 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 20 #20 TIES: 2-8 @125/175
3 rd. FLOOR Default Level ▽Floor - 5 CONC.M25 G.	 DIMENSION : 300 x 600 MAIN STEEL : 14 #20 TIES: 3-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 8#20+ 8 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 8 #20 + 6 #25 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 8#20+ 10 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 12 #20 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 8 #20 + 6 #25 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 10 #20 +4 #16 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 12 #20 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 12 #20+6 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 8 #20 +10 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 8 #20 +4 #25 TIES: 3-8 @125/175	 DIMENSION : 305 x 610 MAIN STEEL : 18 #20 TIES: 3-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 4 #16 + 8 #20 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 12 #20 + 8 #25 TIES: 3-8 @125/175
2 nd FLOOR Default Level ▽Floor - 4 CONC.M25 G.	 DIMENSION : 300 x 600 MAIN STEEL : 8 #20+ 6 #25 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 4#20+ 12 #25 TIES: 2-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 4 #20 + 10 #25 TIES: 3-8 @125/175	AS BELOW	 DIMENSION : 300 x 600 MAIN STEEL : 8 #20 + 4 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 4 #20 +10 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 14 #20 TIES: 2-8 @125/175	AS BELOW	 DIMENSION : 300 x 750 MAIN STEEL : 12 #20+6 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 4 #20 +14 #25 TIES: 3-8 @125/175	AS BELOW	 DIMENSION : 300 x 750 MAIN STEEL : 12 #20+6 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 4 #20+ 8 #25 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 20 #25 TIES: 2-8 @125/175
1 st FLOOR Default Level ▽Floor - 3 CONC.M25 G.	 DIMENSION : 300 x 600 MAIN STEEL : 4#20+ 14 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 4#20+ 14 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 2-8 @125/175 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 4#20+ 14 #25 TIES: 4-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 4 #20 + 8 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 14 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 10 #20 + 4 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 16 #20 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 8 #20+10 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 18 #25 TIES: 4-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 8 #20 +6 #25 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 4 #20+ 14 #25 TIES: 4-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 4 #20+ 8 #25 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 4 #20 +16 #25 TIES: 3-8 @125/175
G. FLOOR Default Level ▽Floor - 2 CONC.M25 G.	 DIMENSION : 300 x 750 MAIN STEEL : 4#20+ 14 #25 TIES: 4-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 18 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 18 #25 TIES: 4-8 @125/175	 DIMENSION : 300 x 900 MAIN STEEL : 4#20+ 18 #25 TIES: 4-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 4 #20+12 #25 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 14 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 4 #20 +10 #25 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 10 #20 + 6 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 4 #20+14 #25 TIES: 4-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 18 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 4# 20+ 10 #25 TIES: 4-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 4 #20+ 14 #25 TIES: 4-8 @125/175	 DIMENSION : 300 x 610 MAIN STEEL : 4 #20+ 8 #25 TIES: 2-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 20 #25 TIES: 2-8 @125/175
1ST STILT FL. Default Level ▽Floor - 1 CONC.M25 G.	 DIMENSION : 300 x 750 MAIN STEEL : 18 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 900 MAIN STEEL : 22 #25 TIES: 4-8 @125/175	 DIMENSION : 300 x 900 MAIN STEEL : 22 #25 TIES: 4-8 @125/175	 DIMENSION : 300 x 900 MAIN STEEL : 22 #25 TIES: 4-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 900 MAIN STEEL : 8 #20+14 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 600 MAIN STEEL : 14 #25 TIES: 3-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 6 #20 + 10 #25 TIES: 3-8 @125/175	AS BELOW	 DIMENSION : 300 x 900 MAIN STEEL : 20 #25 TIES: 4-8 @125/175	 DIMENSION : 300 x 750 MAIN STEEL : 14 #25 TIES: 3-8 @125/175	AS BELOW	AS BELOW	 DIMENSION : 300 x 1000 MAIN STEEL : 24 #25 TIES: 4-8 @125/175
STILT FL. Default Level ▽Floor - 01 CONC.M25 G.	 DIMENSION : 300 x 750 MAIN STEEL : 18 #25 TIES: 3-8 @125/175 COLUMN ID : C1, C3, C34, C36 COLUMN GROUP-NAME : CG1	 DIMENSION : 300 x 900 MAIN STEEL : 22 #25 TIES: 4-8 @125/175 COLUMN ID : C4, C6, C31, C35 COLUMN GROUP-NAME : CG2	 DIMENSION : 300 x 900 MAIN STEEL : 22 #25 TIES: 4-8 @125/175 COLUMN ID : C4, C6, C31, C33 COLUMN GROUP-NAME : CG3	 DIMENSION : 300 x 1000 MAIN STEEL : 22 #25 TIES: 4-8 @125/175 COLUMN ID : C5 COLUMN GROUP-NAME : CG4	 DIMENSION : 300 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @125/175 COLUMN ID : C7, C9, C28, C30 COLUMN GROUP-NAME : CG5	 DIMENSION : 300 x 900 MAIN STEEL : 8 #20+14 #25 TIES: 3-8 @125/175 COLUMN ID : C8, C29 COLUMN GROUP-NAME : CG6	 DIMENSION : 300 x 600 MAIN STEEL : 14 #25 TIES: 3-8 @125/175 COLUMN ID : C10, C12, C25, C27 COLUMN GROUP-NAME : CG7	 DIMENSION : 300 x 750 MAIN STEEL : 6 #20 + 10 #25 TIES: 3-8 @125/175 COLUMN ID : C11, C26 COLUMN GROUP-NAME : CG8	 DIMENSION : 300 x 750 MAIN STEEL : 18 #25 TIES: 3-8 @125/175 COLUMN ID : C13, C15, C22, C24 COLUMN GROUP-NAME : CG9	 DIMENSION : 300 x 900 MAIN STEEL : 20 #25 TIES: 4-8 @125/175 COLUMN ID : C14, C23 COLUMN GROUP-NAME : CG10	 DIMENSION : 300 x 750 MAIN STEEL : 14 #25 TIES: 3-8 @125/175 COLUMN ID : C16, C20 COLUMN GROUP-NAME : CG11	 DIMENSION : 300 x 750 MAIN STEEL : 18 #25 TIES: 2-8 @125/175 COLUMN ID : C17, C21 COLUMN GROUP-NAME : CG12	 DIMENSION : 300 x 600 MAIN STEEL : 12 #25 TIES: 2-8 @125/175 COLUMN ID : C18, C19 COLUMN GROUP-NAME : CG13	 DIMENSION : 305 x 1000 MAIN STEEL : 24 #25 TIES: 4-8 @125/175 COLUMN ID : C32 COLUMN GROUP-NAME : CG14

COLUMN SCHEDULE FLOORWISE

1st STILT SLAB & BEAM DETAIL
STAIR CASE DETAIL

SPECIFICATIONS/NOTES:-

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- ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
- ALL CONCRETE MIX. SHALL BE M-20, IF NOT SPECIFIED.
- ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY, WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM.
- USE M-20 GRADE CONE & STEEL HYSD FE-500.
- CHANGE MUST BE DONE AFTER DESIGNER APPROVAL.
- CLEAR COVER TO BARS SHALL BE AS UNDER
SLAB:- 20MM, BEAM :- 25MM , COLUMN:- 40MM, WALL :- 30MM
RAFT :- 50 MM
- MINIMUM PERIOD BEFORE STRIKING FORMWORK
- a. COLUMN AND VERTICAL FORMWORK TO COLUMN , WALLS , BEAMS
16 - 24 HOUR
- b. STRIKING SOFFIT FORMWORK TO SLABS : 3- DAYS
STRIKING SOFFIT FORMWORK TO BEAMS : 7- DAYS
- c. STRIKING FORMWORK OF PROPS TO SLABS .
SPANNING UP TO 4.5 MT. : 7 DAYS.
SPANNING OVER 4.5 MT. : 14 DAYS.
- d. STRIKING FORMWORK OF PROPS TO BEAMS .
SPANNING UP TO 6.0 MT. : 14 DAYS.
SPANNING OVER 6.0 MT. : 21 DAYS.
9. BOTTOM OF CANTILEVER BEAM AND CANTILEVER SLAB SHALL NOT BE REMOVED UNLESS AND UNTILL PROPER COUNTER WEIGHT IS PROVIDED.
10. STEEL CHAIR SHALL BE PROVIDED TO KEEP TOP REINFORCEMENT OF SLAB IN PROPER POSITION.
11. THE BUILDING IS DESIGNED FOR EARTHQUAKE LOADS FOR ZONE - II ARE CONSIDERED FROM THE RESPECTIVE CODES
12. THE BUILDING LOADS ARE CONSIDERED FROM IS 875 PART (I, II) & IS: 1983 & IS : 456.
13. S.B.C. AS PER SOIL TESTING REPORT AT 2.5 MT. DEPTH 20 TONE / M2

PROPOSED RESIDENTIAL (FLATS) BUILDING PLAN FOR
M/S NIRVAN ENTERPRISES THROUGH PARTNER

SH. GAJENDRA MANDOT
S/O LATE SH. MADAN LAL MANDOT
AT PLOT NO. 4 KH. NO.879, 882/1, 877/1474, 870/1
946,998,1000 AND PLOT NO. 11 KH. NO. 1619/988,
1621/997 REV. VILLAGE SHOBHAGPURA,
TEH.- BADGAON ,UDAIPUR .

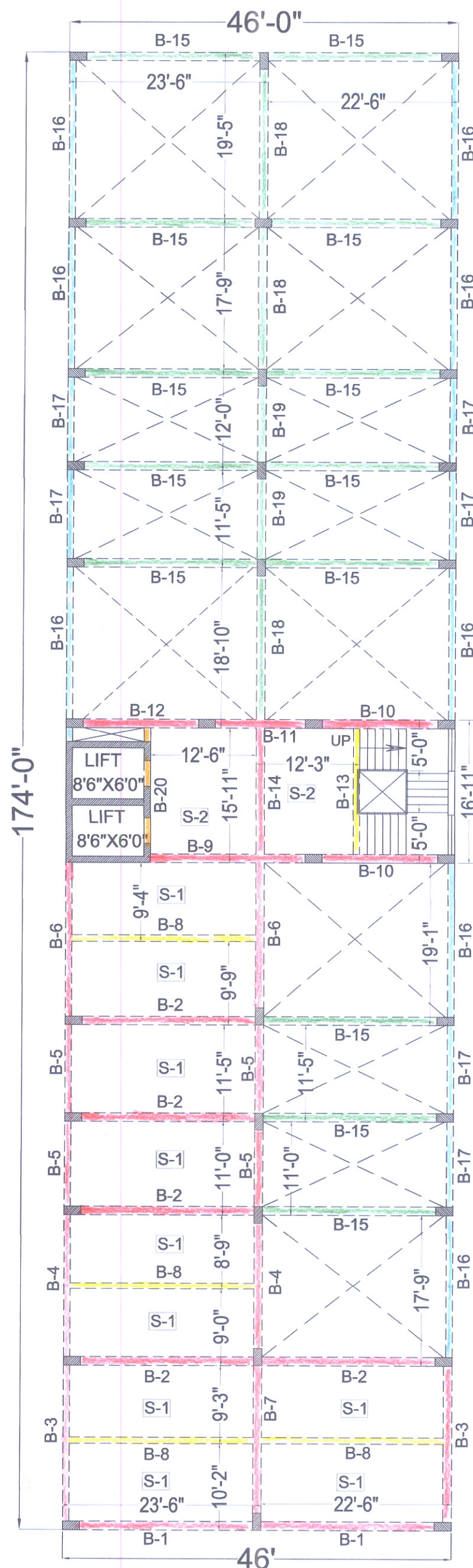
BUILDING APPROVAL THROUGH
U.I.T. UDAIPUR LETTER NO.
F-7 ()/UDA/B-PLAN/ 2023/3029-3033
DATE :- 21/11/2023
STILT + U. STILT + G + 5 th FLOOR

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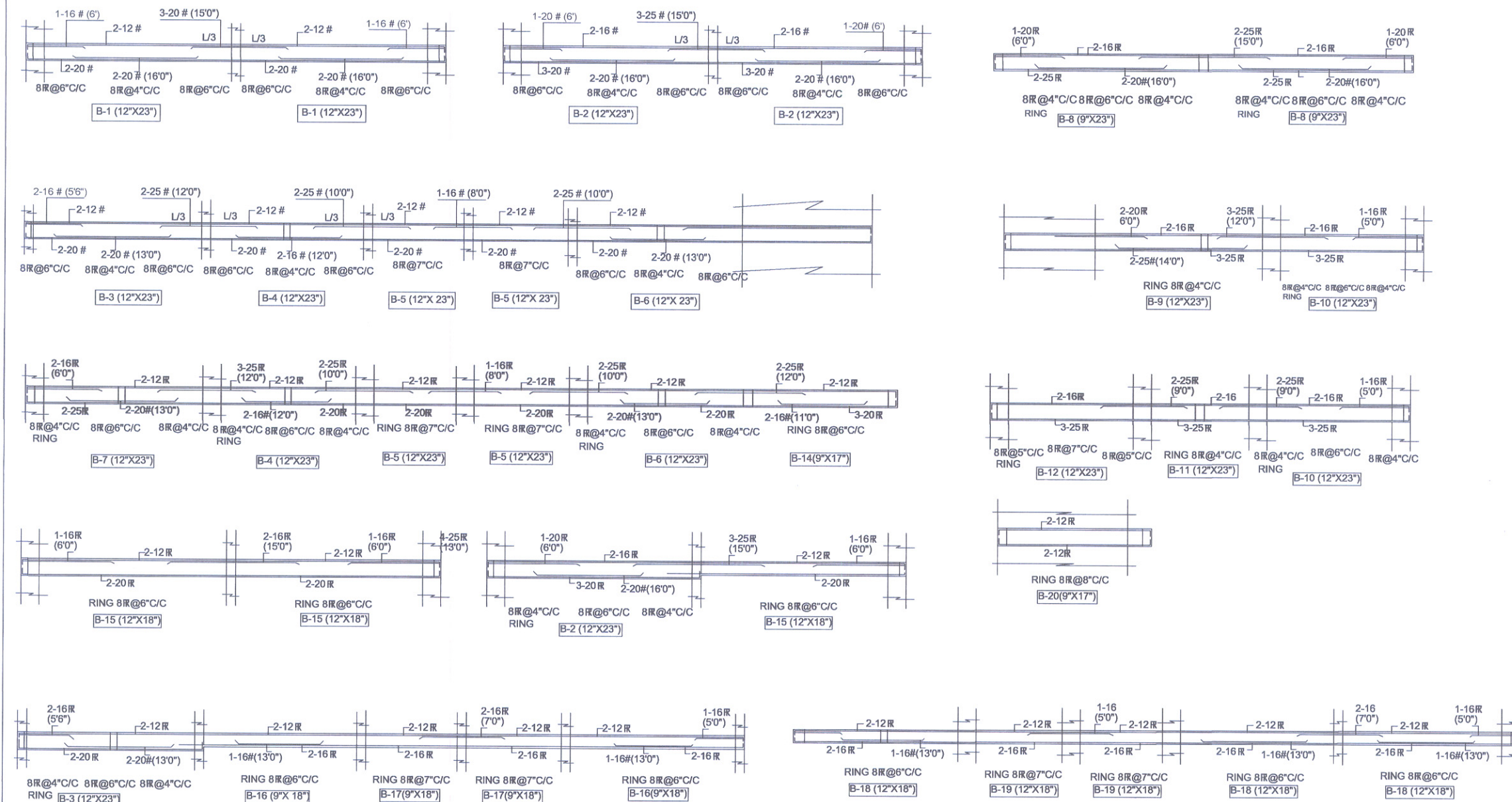
1st STILT FLOOR
SLAB & BEAM DETAIL

1 STILT FLOOR BEAM DETAIL SHEET NO.[1]

S.NO.	BEAM NO.	BEAM SIZE BxD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUOUS SUPPORT		
1	B1	12"X23"	2-20 R	2-20 R (16'0")	2-12 R	1-16 R (6'0")	3-20 R (15') ↓ B1 ↓ B1	8R@4"C/C 8R@6"C/C	USE MIX M25 G
2	B2	12"X23"	3-20 R	2-20 R (16'0")	2-16 R	1-20 R (6'0")	3-25 R (15') ↓ B2 ↓ B2	8R@4"C/C 8R@6"C/C	USE MIX M25 G
3	B3	12"X23"	2-20 R	2-20 R (13'0")	2-12 R	2-16 R (5'6")	2-25 R (12') ↓ B3 ↓ B4	8R@4"C/C 8R@6"C/C	USE MIX M25 G
4	B4	12"X23"	2-20 R	2-16 R (12'0")	2-12 R	—	2-25 R (10') ↓ B4 ↓ B5	8R@4"C/C 8R@6"C/C	USE MIX M25 G
5	B5	12"X23"	2-20 R	—	2-12 R	—	1-16 R (8') ↓ B5 ↓ B5	8R@7"C/C	USE MIX M25 G
6	B6	12"X23"	2-20 R	2-20 R (13'0")	2-12 R	2-16 R (6'0")	2-25 R (10') ↓ B6 ↓ B5	8R@4"C/C 8R@6"C/C	USE MIX M25 G
7	B7	12"X23"	2-25 R	2-20 R (13'0")	2-12 R	2-16 R (6'0")	3-25 R (12') ↓ B7 ↓ B4	8R@4"C/C 8R@6"C/C	USE MIX M25 G
8	B8	9"X23"	2-25 R	2-20 R (16'0")	2-16 R	1-20 R (6'0")	2-25 R (15') ↓ B8 ↓ B8	8R@4"C/C 8R@6"C/C	USE MIX M25 G
9	B9	12"X23"	3-25 R	2-25 R (14'0")	2-16 R	2-20 R (6'0")	3-25 R (12') ↓ B5 ↓ B10	8R@4"C/C	USE MIX M25 G
10	B10	12"X23"	3-25 R	—	2-16 R	1-16 R (5'0")	—	8R@4"C/C 8R@6"C/C	USE MIX M25 G

1 STILT FLOOR BEAM DETAIL SHEET NO.[2]

S.NO.	BEAM NO.	BEAM SIZE BxD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUOUS SUPPORT		
11	B11	12"X23"	3-25 R	—	2-16 R	—	2-25 R (9') ↓ B11 ↓ B10	8R@4"C/C	USE MIX M25 G
12	B12	12"X23"	3-25 R	—	2-16 R	—	2-25 R (9') ↓ B12 ↓ B11	8R@5"C/C 8R@7"C/C	USE MIX M25 G
13	B13	9"X23"	2-20 R	2-20 R (11'0")	2-16 R	1-16 R (5'0")	—	8R@4"C/C 8R@6"C/C	USE MIX M25 G
14	B14	12"X23"	2-20 R	2-16 R (11'0")	2-12 R	—	2-25 R (12') ↓ B14 ↓ B6	8R@4"C/C 8R@6"C/C	USE MIX M25 G
15	B15	9"X18"	2-20 R	—	2-12 R	1-16 R (6'0")	2-16 R (15') ↓ B15 ↓ B15	8R@6"C/C	USE MIX M25 G
16	B16	9"X18"	2-16 R	1-16 R (13'0")	2-12 R	1-16 R (5'0")	2-16 R (12') ↓ B16 ↓ B16	8R@6"C/C	USE MIX M25 G
17	B17	9"X18"	2-16 R	—	2-12 R	1-16 R (12'0") ↓ B16 ↓ B17	2-16 R (7') ↓ B17 ↓ B17	8R@7"C/C	USE MIX M25 G
18	B18	12"X18"	2-16 R	1-16 R (13'0")	2-12 R	1-16 R (5'0")	2-16 R (12') ↓ B18 ↓ B18	8R@6"C/C	USE MIX M25 G
19	B19	12"X18"	2-16 R	—	2-12 R	—	1-12 R (7') ↓ B19 ↓ B19	8R@7"C/C	USE MIX M25 G
20	B20	9"X17"	2-12 R	—	2-12 R	—	—	8R@8"C/C	USE MIX M25 G



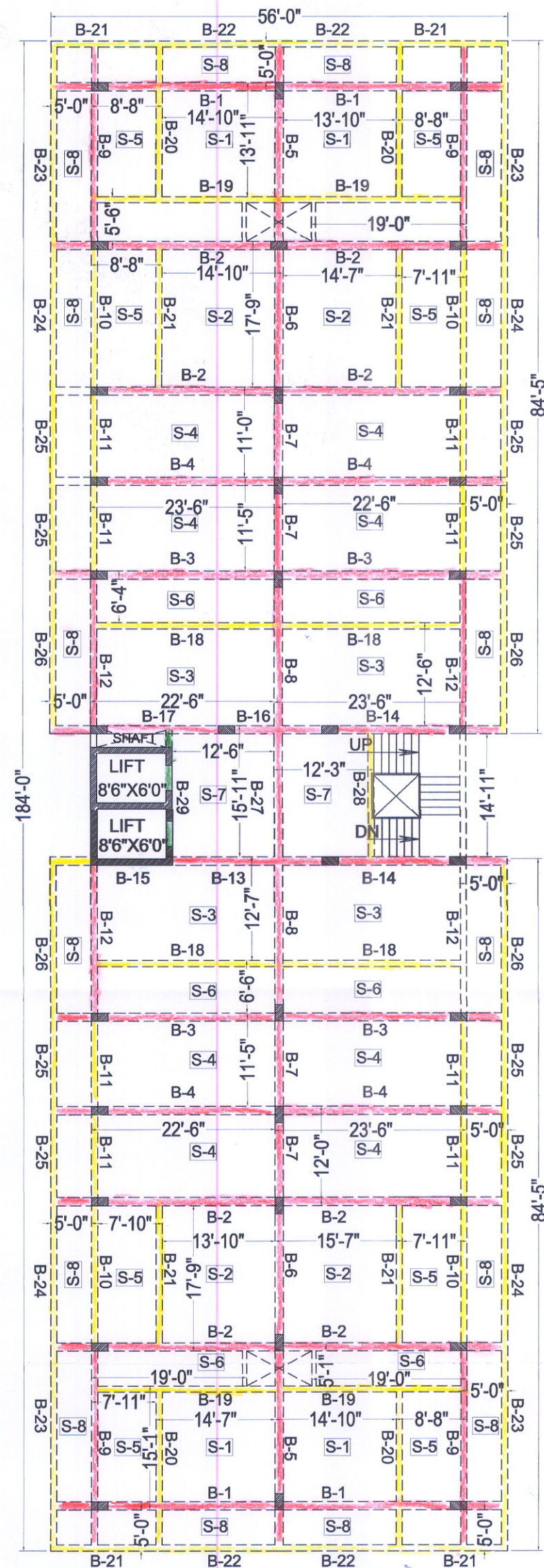
SLAB DETAIL TH. = 5"

S-1 = 10R@6"C/C
8R@7"C/C

S-2 = 10R@5"C/C
10R@6"C/C

BEAM SIZE

- 12"X23"(18"+5" SLAB)
- 9"X23"(18"+5" SLAB)
- 9"X17"(12"+5" SLAB)
- 12"X18"
- 9"X18"



2nd STILT FLOOR SLAB & BEAM DETAIL

SLAB DETAIL TH. =5"

S-1 = 10R@5"C/C
10R@7"C/C

S-2 = 10R@5"C/C
10R@6"C/C

S-3 = 10R@5"C/C
8R@8"C/C

S-4 = 10R@6"C/C
8R@7"C/C

S-5 = 10R@7"C/C
8R@8"C/C

S-6 = 8R@6"C/C
8R@8"C/C

S-7 = 10R@5"C/C
8R@7"C/C

S-8 = 8R@7"C/C
8R@8"C/C

BEAM SIZE

12"x23"(18"+5") SLAB)

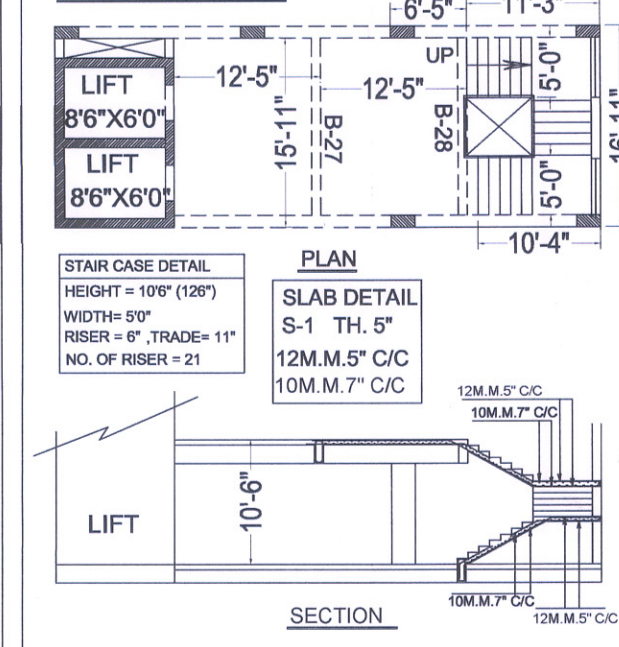
9"x23"(18"+5") SLAB)

9"x17"(12"+5") SLAB)

S.NO.	BEAM NO.	BEAM SIZE BxD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT		
1	B1	12"x23"	2-25 R	2-20 R (16'0")	2-16 R	3-25 R (13'0") BR.TOP	3-25 R (15') B1	8R@4"C/C 8R@6"C/C	USE MIX M25 G
2	B2	12"x23"	2-25 R	2-20 R (16'0")	2-16 R	4-25 R (13'0") BR.TOP	3-25 R (15') B2	8R@4"C/C 8R@6"C/C	USE MIX M25 G
3	B3	12"x23"	2-25 R	2-16 R (16'0")	2-16 R	3-25 R (13'0") BR.TOP	3-25 R (15') B3	8R@4"C/C 8R@6"C/C	USE MIX M25 G
4	B4	12"x25"	2-25 R	2-16 R (16'0")	2-16 R	2-25 R (13'0") BR.TOP	2-25 R (15') B4	8R@4"C/C 8R@6"C/C	USE MIX M25 G
5	B5	12"x23"	4-25 R	2-25 R (13'0")	2-25 R	4-25 R (13'0") BR.TOP	4-25 R (12') B5	10 R@4"C/C	USE MIX M25 G
6	B6	12"x23"	2-25 R	2-16 R (13'0")	2-16 R	—	2-25 R (10') B6	8R@4"C/C 8R@6"C/C	USE MIX M25 G
7	B7	12"x23"	2-25 R	—	2-16 R	—	—	8R@6"C/C	USE MIX M25 G
8	B8	12"x23"	3-25 R	2-25 R (13'0")	2-16 R	—	4-25 R (10') B8	10R@5"C/C	USE MIX M25 G
9	B9	12"x23"	3-25 R	2-25 R (13'0")	3-16 R	3-25 R (13') BR.TOP	3-25 R (12') B9	8R@4"C/C	USE MIX M25 G
10	B10	9"x23"	2-25 R	—	2-16 R	—	2-16 R (10') B10	8R@5"C/C	USE MIX M25 G

S.NO.	BEAM NO.	BEAM SIZE BxD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT		
21	B21	9"x23"	2-16 R	2-16 R (12'0")	2-12 R	1-16 R (5'0")	—	8R@5"C/C 8R@7"C/C	USE MIX M25 G
22	B22	9"x23"	3-16 R	—	2-12 R	—	2-16 R (10') B22	8R@6"C/C	USE MIX M25 G
23	B23	9"x23"	2-16 R	2-16 R (13'0")	2-12 R	2-16 R (13') BR.TOP	2-16 R (12') B23	8R@6"C/C	USE MIX M25 G
24	B24	9"x23"	2-16 R	2-12 R (12'0")	2-12 R	—	2-16 R (9') B24	8R@6"C/C	USE MIX M25 G
25	B25	9"x23"	2-16 R	—	2-12 R	—	1-12 R (7') B25	8R@7"C/C	USE MIX M25 G
26	B26	9"x23"	2-16 R	2-12 R (12'0")	2-12 R	—	2-16 R (10') B26	8R@6"C/C	USE MIX M25 G
27	B27	12"x23"	3-25 R	—	2-16 R	—	2-25 R (12') B27	8R@4"C/C 8R@6"C/C	USE MIX M25 G
28	B28	9"x23"	2-20 R	2-16 R (11'0")	2-16 R	1-16 R (5'0")	—	8R@4"C/C 8R@6"C/C	USE MIX M25 G
29	B29	9"x17"	2-12 R	—	2-12 R	—	—	8R@7"C/C	USE MIX M25 G

S.NO.	BEAM NO.	BEAM SIZE BxD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT		
11	B11	9"x23"	2-25 R	—	2-16 R	—	—	8R@7"C/C	USE MIX M25 G
12	B12	12"x23"	3-25 R	2-16 R (13'0")	2-16 R	1-20 R (6'0")	3-25 R (10') B12	8R@4"C/C 8R@6"C/C	USE MIX M25 G
13	B13	12"x23"	3-25 R	2-25 R (14'0")	2-16 R	—	3-25 R (12') B13	10R@4"C/C	USE MIX M25 G
14	B14	12"x23"	3-25 R	—	2-16 R	3-25 R (13'0") BR.TOP	—	8R@4"C/C 8R@6"C/C	USE MIX M25 G
15	B15	9"x23"	2-25 R	—	3-25 R	—	—	8R@4"C/C	USE MIX M25 G
16	B16	12"x23"	3-25 R	1-25 R (9'0")	2-16 R	—	3-25 R (10') B16	8R@4"C/C	USE MIX M25 G
17	B17	12"x23"	3-25 R	—	2-16 R	3-25 R (13') BR.TOP	3-25 R (10') B17	8R@4"C/C 8R@6"C/C	USE MIX M25 G
18	B18	9"x23"	2-25 R	2-20 R (16'0")	2-16 R	1-20 R (6'0")	3-25 R (15') B18	8R@4"C/C	USE MIX M25 G
19	B19	9"x23"	2-25 R	2-20 R (16'0")	2-16 R	1-20 R (6'0")	3-25 R (15') B19	8R@4"C/C	USE MIX M25 G
20	B20	9"x23"	2-20 R	1-20 R (13'0")	2-16 R	3-25 R (13') BR.TOP	2-20 R (10') B20	8R@4"C/C	USE MIX M25 G

SECOND STILT
STAIR CASE DETAIL2nd STILT SLAB , BEAM DETAIL
& STAIR CASE DETAIL

SPECIFICATIONS/NOTES:-

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SLAB - 20MM, BEAM - 25MM, COLUMN - 40MM, WALL - 30MM
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- MINIMUM PERIOD BEFORE STRIKING FORMWORK
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- STRIPPING SOFFIT FORMWORK TO SLABS : 3 - DAYS
STRIPPING SOFFIT FORMWORK TO BEAMS : 7 - DAYS
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SPANNING UP TO 4.5 MT. : 7 DAYS.
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- THE BUILDING LOADS ARE CONSIDERED FROM IS:875 PART (I,II) & IS: 1893 & IS : 456 .
- S.B.C. AS PER SOIL TESTING REPORT AT 2.5 MT. DEPTH 20 TONE / M2

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M/S NIRVAN ENTERPRISES THROUGH PARTNER
SH. GAJENDRA MANDOT
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1621/997 REV. VILLAGE SHOBHAGPURA,
TEH.- BADGAON, UDAIPUR .

BUILDING APPROVAL THROUGH
U.I.T. UDAIPUR LETTER NO.
F-7 (YUDAB-PLAN/ 2023/3029-3033
DATE :- 21/11/2023
STILT + U. STILT + G + 5 th FLOOR

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TYPICAL FLOOR SLAB ,
BEAM DETAIL
& STAIR CASE DETAIL

SPECIFICATIONS/NOTES:-

- ALL DIMENSIONS ARE IN FEET & INCHES EXCEPT BAR DIAMETER BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
- ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
- ALL CONCRETE MIX. SHALL BE M-20, IF NOT SPECIFIED.
- ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM
- USE M-20 GRADE CONE & STEEL HYSD FE-500
- CHANGE MUST BE DONE AFTER DESIGNER APPROVAL
- CLEAR COVER TO BARS SHALL BE AS UNDER
SLAB:- 20MM, BEAM:- 25MM, COLUMN:- 40MM, WALL:- 30MM
RAFT:- 50 MM
- MINIMUM PERIOD BEFORE STRIKING FORMWORK
- COLUMN AND VERTICAL FORMWORK TO COLUMN, WALLS, BEAMS
18 - 24 HOUR
- STRIKING SOFFIT FORMWORK TO SLABS: 3- DAYS
STRIKING SOFFIT FORMWORK TO BEAMS: 7- DAYS
- STRIKING FORMWORK OF PROPS TO SLABS.
SPANNING UP TO 4.5 MT.: 7 DAYS.
SPANNING OVER 4.5 MT.: 14 DAYS.
- STRIKING FORMWORK OF PROPS TO BEAMS.
SPANNING UP TO 6.0 MT.: 14 DAYS.
SPANNING OVER 6.0 MT.: 21 DAYS.
- BOTTOM OF CANTILEVER BEAM AND CANTILEVER SLAB SHALL NOT BE REMOVED UNLESS AND UNTILL PROPER COUNTER WEIGHT IS PROVIDED.
- STEEL CHAIR SHALL BE PROVIDED TO KEEP TOP REINFORCEMENT OF SLAB IN PROPER POSITION.
- THE BUILDING IS DESIGNED FOR EARTHQUAKE LOADS FOR ZONE - II ARE CONSIDERED FROM THE RESPECTIVE CODES
- THE BUILDING LOADS ARE CONSIDERED FROM IS 875 PART (I, II) & IS: 1983 & IS: 456.
- S.B.C. AS PER SOIL TESTING REPORT AT 2.5 MT. DEPTH 20 TONE / M2

PROPOSED RESIDENTIAL (FLATS) BUILDING PLAN FOR
M/S NIRVAN ENTERPRISES THROUGH PARTNER
SH. GAJENDRA MANDOT
S/O LATE SH. MADAN LAL MANDOT
AT PLOT NO. 4 KH. NO.879, 882/1, 877/1474, 870/1
946,998,1000 AND PLOT NO. 11 KH. NO. 1619/988,
1621/997 REV. VILLAGE SHOBHAGPURA,
TEH.- BADGAON, UDAIPUR .

BUILDING APPROVAL THROUGH
U.I.T. UDAIPUR LETTER NO.
F-7 (YUDA/B-PLAN/ 2023/3029-3033
DATE :- 21/11/2023
STILT + U. STILT + G + 5 th FLOOR

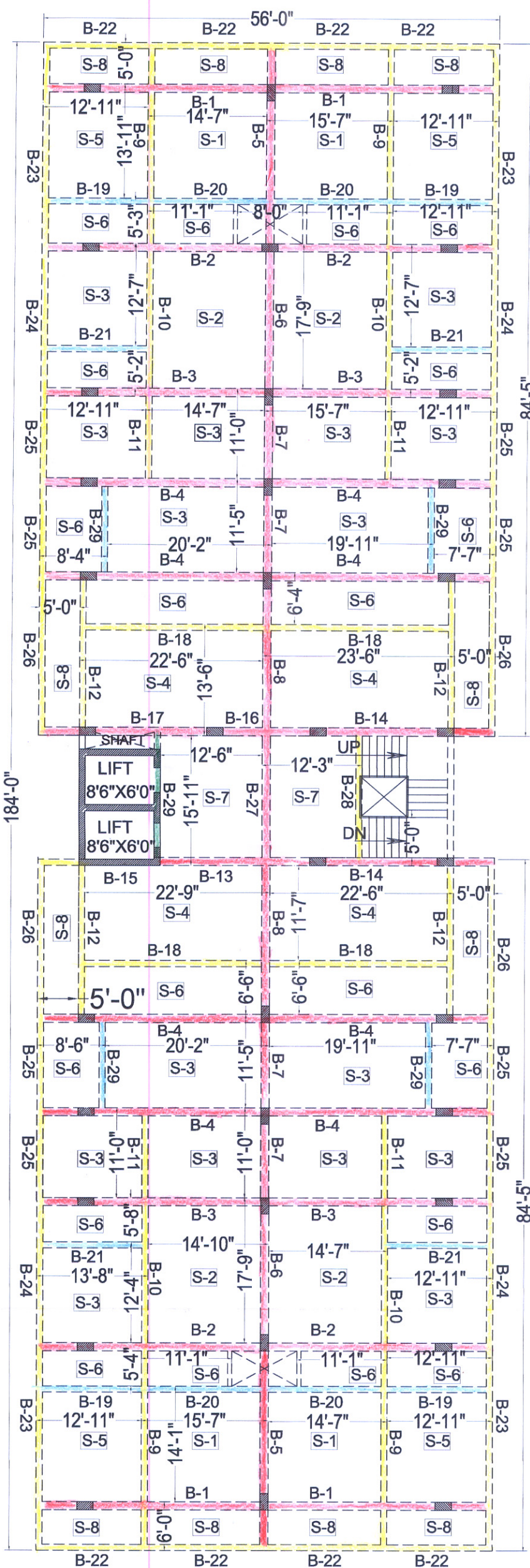
Ar. Upendra Tater

COA Reg. No. CA/91/14369
Panel Architect Govt. of Rajasthan,
Department of UDH
Place : Udaipur 7-New Bhopalpara,
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MOHIT MENARIA
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STRUCTURAL ENGINEER

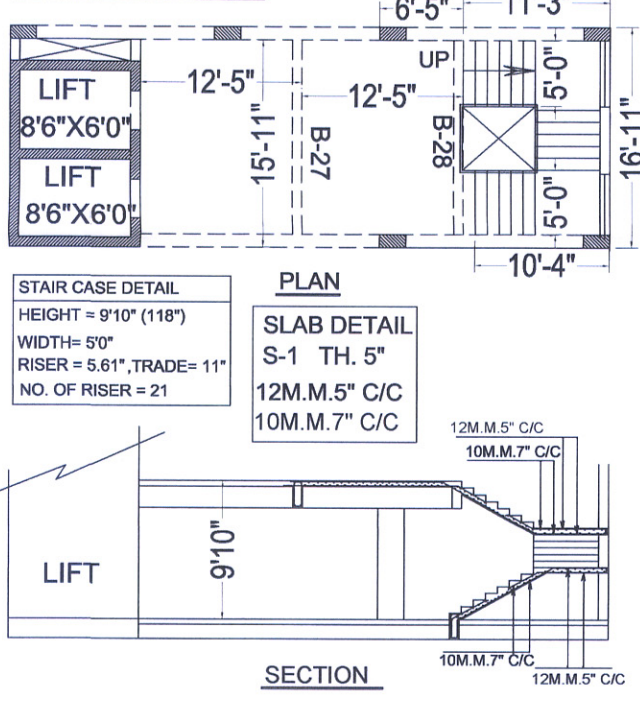
Mohit Menaria
Reg. No. AM1938099
Chartered Engineer
Sanrachna Design Studio
233, Connaught Place, Udaipur
Mobile No. - 830220177

TYPICAL FLOOR PLAN
SLAB & BEAM DETAIL

S.NO.	BEAM NO.	BEAM SIZE BxD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTIGUES SUPPORT		
1	B1	12"X23"	2-25 R	2-25 R (16'0")	2-16 R	3-25 R (13'0") BR TOP	3-25 R (15') B1 B1	8R@4"C/C 8R@6"C/C	USE MIX M25 G
2	B2	12"X23"	3-25 R	2-25 R (16'0")	2-16 R	4-25 R (13'0") BR TOP	4-25 R (15') B2 B2	8R@4"C/C 8R@6"C/C	USE MIX M25 G
3	B3	12"X23"	2-25 R	2-25 R (16'0")	2-16 R	4-25 R (13'0") BR TOP	4-25 R (15') B3 B3	8R@4"C/C 8R@6"C/C	USE MIX M25 G
4	B4	12"X25"	2-25 R	2-20 R (16'0")	2-16 R	3-25 R (13'0") BR TOP	3-25 R (15') B4 B4	8R@4"C/C 8R@6"C/C	USE MIX M25 G
5	B5	12"X23"	2-25 R	2-20 R (13'0")	2-16 R	3-25 R (13'0") BR TOP	2-25 R (12') B5 B6	8R@4"C/C 8R@6"C/C	USE MIX M25 G
6	B6	12"X23"	2-25 R	2-16 R (13'0")	2-16 R	—	2-25 R (10') B6 B7	8R@4"C/C 8R@6"C/C	USE MIX M25 G
7	B7	12"X23"	2-25 R	—	2-16 R	—	—	8R@6"C/C	USE MIX M25 G
8	B8	12"X23"	3-25 R	2-25 R (13'0")	2-16 R	—	4-25 R (10') B8 B7	10R@5"C/C	USE MIX M25 G
9	B9	9"X23"	2-20 R	2-20 R (13'0")	2-16 R	3-25 R (13') BR TOP	2-25 R (12') B9 B10	8R@4"C/C 8R@6"C/C	USE MIX M25 G
10	B10	9"X23"	2-20 R	2-16 R (13'0")	2-16 R	—	2-20 R (10') B10 B11	8R@4"C/C 8R@6"C/C	USE MIX M25 G

S.NO.	BEAM NO.	BEAM SIZE BxD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTIGUES SUPPORT		
11	B11	9"X23"	2-20 R	—	2-16 R	—	—	8R@7"C/C	USE MIX M25 G
12	B12	9"X23"	3-25 R	2-20 R (13'0")	2-12 R	2-25 R (6'0")	—	8R@4"C/C	USE MIX M25 G
13	B13	12"X23"	3-25 R	2-25 R (14'0")	2-16 R	1-25 R (6'0")	3-25 R (12') B13 B14	10R@5"C/C	USE MIX M25 G
14	B14	12"X23"	3-25 R	—	2-16 R	3-25 R (13'0") BR TOP	—	8R@4"C/C 8R@6"C/C	USE MIX M25 G
15	B15	9"X23"	2-25 R	—	3-25 R	—	—	8R@4"C/C	USE MIX M25 G
16	B16	12"X23"	3-25 R	1-25 R (9'0")	2-16 R	—	3-25 R (10') B16 B14	8R@4"C/C	USE MIX M25 G
17	B17	12"X23"	3-25 R	—	2-16 R	3-25 R (13') BR TOP	3-25 R (15') B17 B18	8R@4"C/C 8R@6"C/C	USE MIX M25 G
18	B18	9"X23"	2-20 R	2-20 R (16'0")	2-16 R	1-20 R (6'0")	3-25 R (15') B18 B18	8R@4"C/C	USE MIX M25 G
19	B19	9"X17"	2-16 R	1-12 R (9'0")	2-12 R	—	2-16 R (9') B19 B20	8R@4"C/C	USE MIX M25 G
20	B20	9"X17"	2-16 R	1-16 R (10'0")	2-12 R	—	2-20 R (10') B20 B20	8R@4"C/C	USE MIX M25 G

S.NO.	BEAM NO.	BEAM SIZE BxD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTIGUES SUPPORT		
21	B21	9"X17"	2-20 R	—	2-12 R	—	—	8R@5"C/C	USE MIX M25 G
22	B22	9"X23"	3-16 R	—	2-12 R	1-12 R (4'0")	1-16 R (9') B22 B22	8R@7"C/C	USE MIX M25 G
23	B23	9"X23"	2-20 R	2-16 R (13'0")	2-12 R	2-25 R (13'0") BR TOP	2-20 R (12') B23 B24	8R@5"C/C	USE MIX M25 G
24	B24	9"X23"	2-20 R	2-12 R (12'0")	2-12 R	—	2-20 R (10') B24 B25	8R@5"C/C	USE MIX M25 G
25	B25	9"X23"	2-20 R	—	2-12 R	—	1-12 R (7') B25 B25	8R@7"C/C	USE MIX M25 G
26	B26	9"X23"	2-20 R	2-12 R (13'0")	2-12 R	1-16 R (5'0")	2-20 R (10') B26 B25	8R@5"C/C	USE MIX M25 G
27	B27	12"X23"	3-25 R	—	2-16 R	—	2-25 R (12') B27 B27	8R@4"C/C	USE MIX M25 G
28	B28	9"X23"	2-20 R	2-16 R (11'0")	2-16 R	1-16 R (5'0")	—	8R@4"C/C	USE MIX M25 G
29	B29	9"X17"	2-12 R	—	2-12 R	—	—	8R@7"C/C	USE MIX M25 G

TYPICAL STILT
STAIR CASE DETAIL

SLAB DETAIL TH. =5"

- S-1 = 10R@5"C/C
10R@7"C/C
- S-2 = 10R@5"C/C
10R@6"C/C
- S-3 = 10R@6"C/C
8R@7"C/C
- S-4 = 10R@5"C/C
8R@8"C/C
- S-5 = 10R@5"C/C
8R@6"C/C
- S-6 = 8R@6"C/C
8R@8"C/C
- S-7 = 10R@5"C/C
8R@7"C/C
- S-8 = 8R@7"C/C
8R@8"C/C

BEAM SIZE

- 12"X23"(18"+5" SLAB)
- 12"X17"(12"+5" SLAB)
- 9"X23"(18"+5" SLAB)
- 9"X17"(12"+5" SLAB)

