BLOCK- C | SHEET NO - 01

COLUMN DETAIL

TERRACE FLOOR	AS BELOW	AS BELOW								
▽ Floor12 - Default Level	AS BELOW	AS BELOW	AS BELOW	AS BELOW	AS BELOW		AS BELOW		AS BELOW	AS BELOW
▽ Floor11 - Default Level	DIMENSION : 300 x 600 MAIN STEEL : 10 # 16 TIES: 2-8 @150	DIMENSION : 300 x 600 MAIN STEEL : 12 # 16 TIES: 3-8 @150	DIMENSION : 300 x750 MAIN STEEL : 14 # 16 TIES: 4-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 12 # 16 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 12 # 16 TIES: 2-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 14 # 16 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 14 # 16 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 16 # 16 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 14#16 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 14#16 TIES: 3-8 @150
▽ Floor10 - Default Level	DIMENSION : 300 x 600 MAIN STEEL : 4 # 20 +8 # 16 TIES: 2-8 @150	DIMENSION : 300 x 600 MAIN STEEL : 6 # 20 + 6 # 16 TIES: 2-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 8 # 20 + 6 # 16 TIES: 4-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 4 #20+8#16 TIES: 2-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 4 # 20 + 8 # 16 TIES: 2-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 6 # 20 + 8 # 16 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 6 # 20 +8 # 16 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 6 # 20 + 10 # 16 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 6 # 20 + 8 # 16 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 6 #20+8#16 TIES: 3-8 @150
▽ Floor9 - Default Level	DIMENSION : 300 x 600 MAIN STEEL : 6#20+6#16 TIES: 2-8 @150	DIMENSION : 300 x 600 MAIN STEEL : 14 # 20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 12 # 20 + 4 # 16 TIES: 4-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 6 #20+6#16 TIES: 2-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 6 # 20 + 6 # 16 TIES: 2-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 14 #20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 14 #20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 16 #20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 14 #20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 14 #20 TIES: 3-8 @150
▽ Floor8 - Default Level	DIMENSION : 300 x 600 MAIN STEEL : 8#20+4#16 TIES: 2-8 @150	DIMENSION : 300 x 600 MAIN STEEL : 4 # 25 +10 # 20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 16#20 TIES: 4-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 12 #20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 8 #20+4#16 TIES: 2-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 4 #25+10#20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 4 #25+10#20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 4 #25+12#20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 6 #25+8#20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 6 # 25 +8 # 20 TIES: 3-8 @150
▽ Floor7 - Default Level	DIMENSION : 300 x 600 MAIN STEEL : 12#20 TIES: 2-8 @150	DIMENSION : 300 x 600 MAIN STEEL : 8#25+6#20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 8 #25+8#20 TIES: 4-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 12 #25+2#20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 12 #20 TIES: 2-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 10 #25+4#20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 10 #25+4#20 TIES: 3-8 @150	DIMENSION : 300 x 600 MAIN STEEL : 8 #25+8#20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 10 #25+4#20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 10 #25+4#20 TIES: 3-8 @150
▽ Floor6 - Default Level	DIMENSION : 300 x 600 MAIN STEEL : 12#20 TIES: 2-8 @150	DIMENSION : 300 x 600 MAIN STEEL : 8#25+6#20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 8 #25+8#20 TIES: 4-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 14 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 6#25 + 6 #20 TIES: 2-8 @150	AS BELOW	DIMENSION : 300 x 750 MAIN STEEL : 14 #25 TIES: 3-8 @150	DIMENSION : 300 x 600 MAIN STEEL : 16 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 10 #25+4#20 TIES: 3-8 @150	AS BELOW
▽ Floor5 - Default Level	DIMENSION : 300 x 600 MAIN STEEL : 4 #25+8#20 TIES: 2-8 @150	DIMENSION : 300 x 600 MAIN STEEL : 10 #25+4#20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 10 #25+6#20 TIES: 4-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 10 #25+2#20 TIES: 2-8 @150	DIMENSION : 300 x750 MAIN STEEL : 14 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 14 #25 TIES: 3-8 @150
▽ Floor4 - Default Level	AS BELOW	AS BELOW	AS BELOW	DIMENSION : 300 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @150	AS BELOW	DIMENSION : 300 x 600 MAIN STEEL : 16 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @150
▽ Floor3 - Default Level	DIMENSION : 300 x 600 MAIN STEEL : 8 #25+4#20 TIES: 2-8 @150	DIMENSION : 300 x 600 MAIN STEEL : 12 #25+4#20 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 18 #25 TIES: 4-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 18 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 20 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 18 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 18 #25 TIES: 3-8 @150
▽ Floor2 - Default Level	AS BELOW	AS BELOW	AS BELOW	AS BELOW	DIMENSION : 300 x 750 MAIN STEEL : 18 #25 TIES: 3-8 @150	DIMENSION : 300 x 750 MAIN STEEL : 20 #25 TIES: 4-8 @150	AS BELOW	AS BELOW	DIMENSION : 300 x 750 MAIN STEEL : 22 #25 TIES: 4-8 @150	AS BELOW
▽ Floor1 - Default Level	DIMENSION : 300 x 600 MAIN STEEL : 12 #25 TIES: 2-8 @150 COLUMN ID : C24, C32, C35,C44 COLUMN GROUP-NAME : CG1	DIMENSION : 300 x 600 MAIN STEEL : 16 #25 TIES: 3-8 @150 COLUMN ID : C26, C34 COLUMN GROUP-NAME : CG2	DIMENSION : 300 x 750 MAIN STEEL : 20 #25 TIES: 4-8 @150 COLUMN ID : C15,C16,C47,C53,C56,C51,C59,C41, C18,C13,C10, C19,C54,C50 COLUMN GROUP-NAME : CG3	DIMENSION : 300 x 750 MAIN STEEL : 22 #25 TIES: 4-8 @150 COLUMN ID : C43,C06,C60,C62,C63D8#5C1 C3,C4,C6,C7,C9 COLUMN GROUP-NAME : CG4	DIMENSION : 300 x 750 MAIN STEEL : 18 #25 TIES: 3-8 @150 COLUMN ID : C11,C14,C17,C58,C55, C52 COLUMN GROUP-NAME : CG5	DIMENSION : 300 x 750 MAIN STEEL : 20 #25 TIES: 4-8 @150 COLUMN ID : C12,C22,C42, C20,C46 COLUMN GROUP-NAME : CG6	DIMENSION : 300 x 750 MAIN STEEL : 22 #25 TIES: 4-8 @150 COLUMN ID : C2,C5,C8,C61,C64,C67 COLUMN GROUP-NAME : CG7	DIMENSION : 300 x 750 MAIN STEEL : 22 #25 TIES: 3-8 @150 COLUMN ID : C21,C23,28,30,39,49,57. COLUMN GROUP-NAME : CG8	DIMENSION : 300 x 750 MAIN STEEL : 22 #25 TIES: 4-8 @150 COLUMN ID : C25, C40,C45,C33,C36, C31 COLUMN GROUP-NAME : CG9	DIMENSION : 300 x 750 MAIN STEEL : 22 #25 TIES: 4-8 @150 COLUMN ID : C27, C37, COLUMN GROUP-NAME : CG10

SPECIFICATIONS/NOTES:-

1. ALL DIMENSIONS ARE IN MM ,EXCEPT BAR DIAMETER.BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ALL CONCRETE MIX. SHALL BE M-20. IF NOT SPECIFIED.
4. ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY.WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM
5. USE M-20 GRADE CONE & STEEL HYSD FE-500
6. CHANGE MUST BE DONE AFTER DESIGNER APPROVAL
7. CLEAR COVER TO BARS SHALL BE AS UNDER
   SLAB:- 20MM, BEAM :- 25MM , COLUMN:- 40MM, WALL :- 30MM
   RAFT :- 50 MM
8. 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: 1893 & IS : 456 .
13. S.B.C. CONSIDERED 25 TONE/M2

RESIDENTIAL FLATS PLAN FOR SAMBHAVNATH COMPLEX LIMITED
DIRECTOR SHRI ROSHAN LAL
S/O SHRI BHERU LAL JAIN (NAGDA)
AT PLOT NO. 1. KH.NO. 208,209,
TO 220,222 TO 224,226,228 TO 230
REVENUE VILLAGE SAVINA KHEDA
UDAIPUR (RAJ.)

BUILDING APPROVAL THROUGH
U.I.T. UDAIPUR LETTER NO.
F-7 ( ) /UIT/B-PLAN / MISC /2016 /361
DATE :- 28/07/2017
1st STILT + 2 nd STILT +GROUND + NINTH FLOOR

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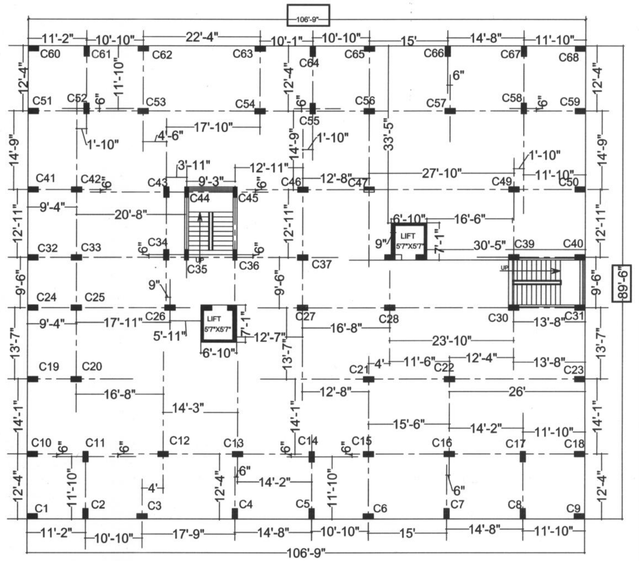
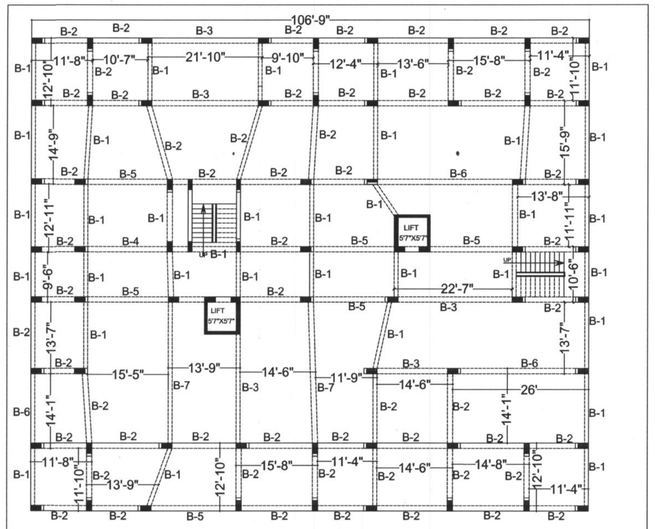
BLOCK- C

SHEET NO - 02

CENTER LINE , FOOTING DETAIL & PLINTH BEAM DETAIL



CENTER LINE PLAN



BEAM SIZE :-

9"x18" 12"x18"

PLINTH BEAM PLAN

FOOTING DESIGN SCHEDULE
SPACEFRAME STRUCTURE
As Per IS 456 : 2000
SBC =250KN/M2
Schedule of Footings -Trapezoidal Footings

Footing Group	Column	PCC Size	Footing Size	Minimum	Total	Steel	Steel
	Nos	X - Y mm	X - Y mm	Depth mm	Depth mm	|| to X mm	|| to Y mm
FG1		2800 x 3100	2500 x 2800	150	1200	26 - #12	22 - #12
FG2	C24,32,35,44	3100 x 3400	2800 x 3100	150	1200	28 - #12	24 - #12
FG3	C26,34	3275 x 3575	2975 x 3275	150	1200	30 - #12	26 - #12
FG4	C15,16,47,53,56,51,59,41,						
	C18,13,10,19,54,50	3825 x 4275	3525 x 3975	150	1325	40 - #12	33 - #12
FG5	C43,66,60,62,63,65,68,1,						
	C3,4,6,7,9	3925 x 4375	3625 x 4075	150	1375	42 - #12	35 - #12
FG6	C11,14,17,58,55,52	3600 x 4050	3300 x 3750	150	1250	36 - #12	29 - #12
FG7	C12,22,42,20,46	3875 x 4325	3575 x 4025	150	1350	41 - #12	34 - #12
FG8	C2,5,8,61,64,67	4000 x 4450	3700 x 4150	150	1400	44 - #12	37 - #12
FG9	C21,23, C28,C30,C39,C49,C57	4200 x 4650	3900 x 4350	150	1475	48 - #12	41 - #12
FG10	C25,40,45,33,36,31	3800 x 4250	3500 x 3950	150	1325	40 - #12	33 - #12
FG11	C27,37.	3825 x 4275	3525 x 3975	150	1325	40 - #12	33 - #12

SPECIFICATIONS/NOTES:-

1. ALL DIMENSIONS ARE IN FEET & INCHES,EXCEPT BAR DIAMETER.BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ALL CONCRETE MIX. SHALL BE M-20. IF NOT SPECIFIED.
4. ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY.WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM
5. USE M-20 GRADE CONE & STEEL HYSD FE-500
6. CHANGE MUST BE DONE AFTER DESIGNER APPROVAL
7. CLEAR COVER TO BARS SHALL BE AS UNDER
   SLAB:- 20MM, BEAM :- 25MM , COLUMN:- 40MM, WALL :- 30MM
   RAFT :- 50 MM
8. 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 .
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   SPANNING OVER 6.0 MT. : 21 DAYS.

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11. THE BUILDING IS DESIGNED FOR EARTHQUAKE LOADS FOR ZONE - II ARE CONSIDERED FROM THE RESPECTIVE CODES
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13. S.B.C. CONSIDERED 25 TONE/M2

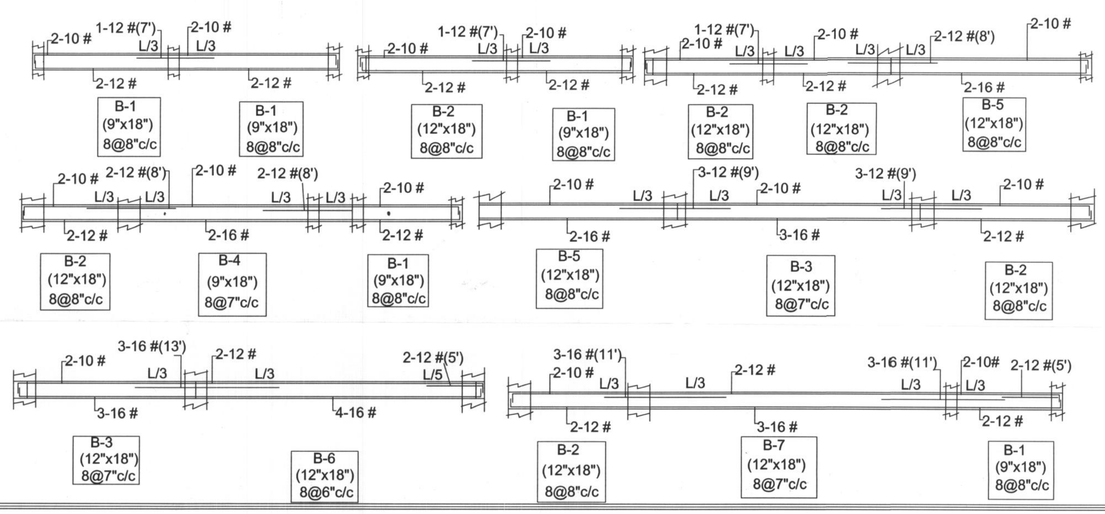
RESIDENTIAL FLATS PLAN FOR SAMBHAVNATH COMPLEX LIMITED
DIRECTOR SHRI ROSHAN LAL
S/O SHRI BHERU LAL JAIN (NAGDA)
AT PLOT NO. 1. KH.NO. 208,209,
TO 220,222 TO 224,226,228 TO 230
REVENUE VILLAGE SAVINA KHEDA
UDAIPUR (RAJ.)

BUILDING APPROVAL THROUGH
U.I.T. UDAIPUR LETTER NO.
F-7 ( )/UIT/B-PLAN/MISC/2012/3652
DATE :-30/10/2013
F-7 ( )/UIT/B-PLAN/MISC/2016/3661
DATE :-28/07/2017
1st STILT + 2nd STILT + G + 9th FLOOR

PLINTH BEAM DETAIL

S.N0.	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS	EFECTIVE SPAN
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT			
1	B1	9"X18"	2-12 ℞	—	2-10 ℞	2-12 ℞ (5'0")	1-12℞ (7') B1 - B1	8 ℞@8"C/C	USE MIX M20 G	
2	B2	12"X18"	2-12 ℞	—	2-10 ℞	—	1-12℞ (7') B2 - B2	8 ℞@8"C/C	USE MIX M20 G	
3	B3	12"X18"	3-16 ℞	—	2-10 ℞	—	3-12℞ (9') B3 - B5,B2	8 ℞@7"C/C	USE MIX M20 G	
4	B4	9"X18"	2-16 ℞	—	2-10 ℞	—	2-12℞ (8') B4 - B1,B2	8 ℞@7"C/C	USE MIX M20 G	
5	B5	12"X18"	2-16 ℞	—	2-10 ℞	—	2-12℞ (8') B5 - B2	8 ℞@8"C/C	USE MIX M20 G	
6	B6	12"X18"	4-16 ℞	—	2-12 ℞	2-12 ℞ (5'0")	3-16℞ (13') B6 - B3	8 ℞@6"C/C	USE MIX M20 G	
7	B7	12"X18"	4-16 ℞	—	2-10 ℞	—	3-16℞ (11') B7- B2,B1	8 ℞@7"C/C	USE MIX M20 G	

PLINTH BEAM PLAN



N W E S

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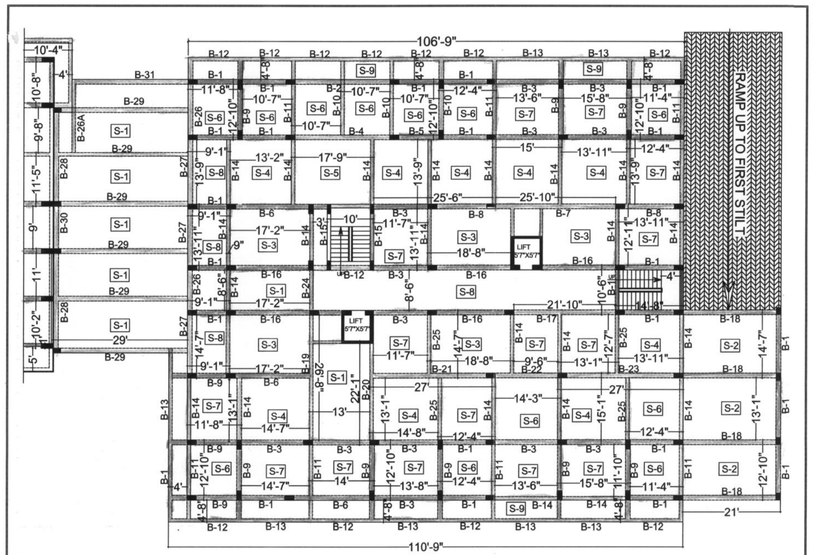


BEAM SIZE :-

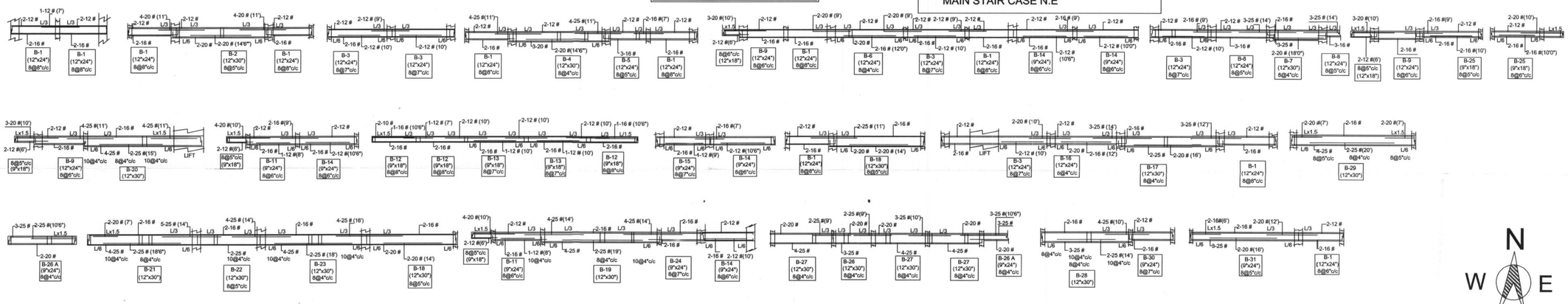
- 12"x30"
- 12"x24"
- 9"x24"
- 12"x18"
- 9"x18"

SLAB DETAILS

S-1= 10 #@ 5"C/C 8 #@ 8"C/C	S-4= 10 #@ 6"C/C 10 #@ 6"C/C	S-7= 10 #@ 6"C/C 10 #@ 7"C/C
S-2= 10 #@ 5"C/C 10 #@ 6"C/C	S-5= 10 #@ 5"C/C 10 #@ 5"C/C	S-8= 10 #@ 6"C/C 10 #@ 9"C/C
S-3= 10 #@ 5"C/C 10 #@ 7"C/C	S-6= 10 #@ 6"C/C 8 #@ 7"C/C	S-9 = 8 #@ 7"C/C 8 #@ 9"C/C

1st STILT BEAM PLAN

1st STILT BEAM SECTION



1st STILT BEAM DETAIL

SHEET NO.[1]

S.NO.	BEAM NO.	BEAMSIZE BXD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS	EFECTIVE SPAN
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT			
1	B1	12"X24"	2-16 #	-	2-12 #	-	1-12 #(7'0") B-12 B-1	8#@8"C/C	USE MIX M20 G	
2	B2	12"X30"	2-20 #	2-20 # (14'6")	2-12 #	-	4-20 #(11'0") B-2 B-1	8#@5"C/C	USE MIX M20 G	
3	B3	12"X24"	2-16 #	2-12 # (10'0")	2-12 #	2-16 #(9'0") B-3 B-8	2-12 #(9'0") B-3 B-1/B-3	8#@7"C/C	USE MIX M20 G	
4	B4	12"X30"	3-20 #	2-20 # (14'6")	2-12 #	-	4-25 #(11'0") B-4 B-1/B-5	8#@4"C/C	USE MIX M20 G	
5	B5	12"X24"	3-16 #	-	2-12 #	-	2-16 #(7'0") B-5 B-1	8#@5"C/C	USE MIX M20 G	
6	B6	12"X24"	2-20 #	2-16 # (12'6")	2-12 #	2-20 #(9'0") B-1/B3 B-6	3-20 #(18'0") B-12 B-1	8#@4"C/C	USE MIX M20 G	
7	B7	12"X30"	3-25 #	2-20 # (18'0")	2-16 #		3-25 #(14'0") B-7 B-8	8#@4"C/C	USE MIX M20 G	
8	B8	12"X24"	3-16 #	-	2-16 #		2-16 #(9'0") B-3 B-8	8#@5"C/C	USE MIX M20 G	
9	B9	12"X24"	2-16 #	-	2-12 #	3-20 # 8#@5"C/C 4-12 #(6')		8#@6"C/C	USE MIX M20 G	
10	B10	9"X18"	2-16 #	2-12 # (8'6")	2-12 #	2-20 #(10') BRA. TOP		8#@6"C/C	USE MIX M20 G	

1st STILT BEAM DETAIL

SHEET NO.[2]

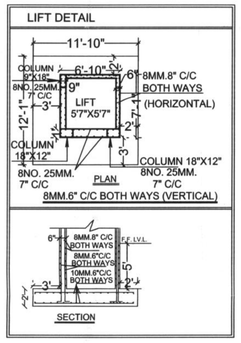
S.NO.	BEAM NO.	BEAMSIZE BXD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS	EFECTIVE SPAN
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT			
11	B11	9"X24"	2-16 #	1-12 # (8'0")	2-12 #	4-20 #(10') 8#@5"C/C -2-12 #(6')	2-16 #(9'0") B-11 B-14	8#@6"C/C	USE MIX M20 G	
12	B12	9"X18"	2-16 #		2-10 #	1-16 # (10'6")	1-12 #(7'0") B-12 B-12	8#@8"C/C	USE MIX M20 G	
13	B13	9"X18"	2-16 #	1-12 # (10'0")	2-10 #		2-12 #(10'0") B-13 B13/B12	8#@7"C/C	USE MIX M20 G	
14	B14	9"X24"	2-16 #	2-12 # (10'6")	2-12 #		2-16 #(9'0") B-14 B-14	8#@6"C/C	USE MIX M20 G	
15	B15	9"X24"	2-16 #	1-12 # 9'0")	2-12 #		2-16 #(7'0") B-15 B-14	8#@7"C/C	USE MIX M20 G	
16	B16	12"X24"	2-20 #	2-16 # (12'0")	2-12 #		2-20 #(10'0") B-16 B3/B1	8#@4"C/C	USE MIX M20 G	
17	B17	12"X30"	2-25 #	2-20 # (16'0")	2-16 #	3-25 #(14') B-17 B-16	3-25 #(12'0") B-17 B-1	8#@4"C/C	USE MIX M20 G	
18	B18	12"X30"	2-20 #	2-20 # (14'0")	2-16 #		2-25 #(11'0") B-18 B-1	8#@5"C/C	USE MIX M20 G	
19	B19	12"X30"	4-25 #	2-25 # (19'0")	2-16 #	4-25 #(14') B-19 B-11	4-25 #(14'0") B-19 B-24	10#@4"C/C 8#@4"C/C	USE MIX M20 G	
20	B20	12"X30"	4-25 #	2-25 # (15'0")	2-16 #		4-25 #(11'0") B-20 B9/LIFT	10#@4"C/C 8#@4"C/C	USE MIX M20 G	

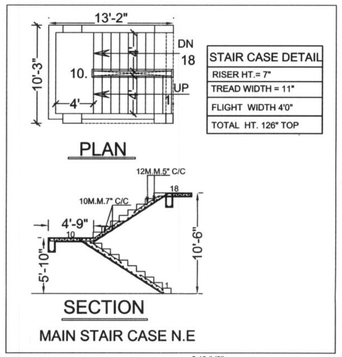
1st STILT BEAM DETAIL

SHEET NO.[3]

S.NO.	BEAM NO.	BEAMSIZE BXD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS	EFECTIVE SPAN
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT			
21	B21	12"X30"	4-25 #	2-25 # (18'6")	2-16 #	2-20 # (7'0")	5-25 #(14'0") B-21 B-22	10#@4"C/C 8#@4"C/C	USE MIX M20 G	
22	B22	12"X30"	2-25 #		2-16 #		4-25 #(14'0") B-22 B-23	8#@5"C/C	USE MIX M20 G	
23	B23	12"X30"	4-25 #	2-25 # (18'0")	2-16 #		4-25 #(16'0") B-23 B-18	10#@4"C/C 8#@4"C/C	USE MIX M20 G	
24	B24	9"X24"	2-16 #		2-16 #			8#@7"C/C	USE MIX M20 G	
25	B25	9"X18"	2-16 #	2-16 # (10'0")	2-12 #		2-16 #(9'0") B-25 B-9	8#@5"C/C	USE MIX M20 G	
26	B26	12"X30"	3-25 #		2-20 #		2-25 #(9'0") B-26 B27	8#@4"C/C	USE MIX M20 G	
26A	B26	9"X24"	2-20 #		3-25 #	2-25 # (10'6")		8#@4"C/C	USE MIX M20 G	
27	B27	12"X30"	4-25 #		2-20 #		3-25 #(10'0") B-27 B27	8#@4"C/C	USE MIX M20 G	
28	B28	12"X30"	3-25 #	2-25 # (14'0")	2-16 #		4-25 #(10'0") B-28 B-30	10#@4"C/C 8#@4"C/C	USE MIX M20 G	
29	B29	12"X30"	4-25 #	2-25 # (20'0")	2-16 #	2-20 # (7'0")		8#@5"C/C 8#@4"C/C	USE MIX M20 G	
30	B30	9"X24"	2-16 #		2-12 #			8#@7"C/C	USE MIX M20 G	
31	B31	9"X24"	3-25 #	2-20 # (16'0")	2-16 #	2-16 # (6'0")	2-20 #(12'0") B-1 B31	8#@5"C/C	USE MIX M20 G	

LIFT DETAIL





STAIR CASE DETAIL

RISER HT.= 7"
TREAD WIDTH = 11"
FLIGHT WIDTH 4'0"
TOTAL HT. 126" TOP

PLAN

SECTION

MAIN STAIR CASE N.E

BLOCK- C

SHEET NO - 03

1ST STILT SLAB & BEAM DETAIL , LIFT & STAIR CASE DETAIL

SPECIFICATIONS/NOTES:-

1. ALL DIMENSIONS ARE IN FEET & INCHES,EXCEPT BAR DIAMETER.BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ALL CONCRETE MIX. SHALL BE M-20, IF NOT SPECIFIED.
4. ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY.WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM
5. USE M-20 GRADE CONE & STEEL HYSD FE-500
6. CHANGE MUST BE DONE AFTER DESIGNER APPROVAL
7. CLEAR COVER TO BARS SHALL BE AS UNDER
   SLAB:- 20MM, BEAM :- 25MM , COLUMN:- 40MM, WALL :- 30MM
   RAFT :- 50 MM
8. 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: 1893 & IS : 456 .
13. S.B.C. CONSIDERED 25 TONE/M2

RESIDENTIAL FLATS PLAN FOR SAMBHAVNATH COMPLEX LIMITED
DIRECTOR SHRI ROSHAN LAL
S/O SHRI BHERU LAL JAIN (NAGDA)
AT PLOT NO. 1. KH.NO. 208,209,
TO 220,222 TO 224,226,228 TO 230
REVENUE VILLAGE SAVINA KHEDA
UDAIPUR (RAJ.)

BUILDING APPROVAL THROUGH
U.I.T. UDAIPUR LETTER NO.
F-7 ( )/UIT/B-PLAN/MISC/2012/3652
DATE :-30/10/2013
F-7 ( )/UIT/B-PLAN/MISC/2016/3661
DATE :-28/07/2017
1st STILT + 2nd STILT + G + 9th FLOOR

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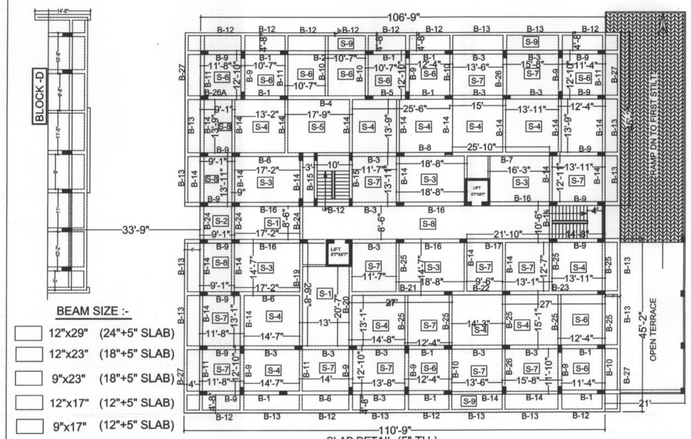
N W E S



BEAM SIZE :-

- 12"x29" (24"+5" SLAB)
- 12"x23" (18"+5" SLAB)
- 9"x23" (18"+5" SLAB)
- 12"x17" (12"+5" SLAB)
- 9"x17" (12"+5" SLAB)

SLAB DETAIL (5" TH.)

S1= 10 #@ 5"C/C 8 #@ 8"C/C	S4= 10 #@ 7"C/C 10 #@ 7"C/C	S7= 10 #@ 6"C/C 8 #@ 8"C/C
S2= 10 #@ 7"C/C 10 #@ 8"C/C	S5= 10 #@ 6"C/C 10 #@ 6"C/C	S8= 8 #@ 6"C/C 8 #@ 9"C/C
S3= 10 #@ 5"C/C 10 #@ 7"C/C	S6= 10 #@ 6"C/C 8 #@ 7"C/C	S9= 8 #@ 7"C/C 8 #@ 9"C/C

2ND STILT FLOOR BEAM PLAN

2nd STILT BEAM DETAIL

SHEET NO.[1]

S.NO.	BEAM NO.	BEAMSIZE BXD	BOTTOM REINFORCEMENT: THROUGH OUT BARS	BOTTOM REINFORCEMENT: EXTRA AT MID SPAN	TOP REINFORCEMENT: THROUGH OUT BARS	TOP REINFORCEMENT: EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
1	B1	12"X23"	2-16 #	-	2-12 #	-	1-12 #(7'0") B-1 B-1,9	8#@8"C/C	USE MIX M20 G	
2	B2	12"X29"	2-20 #	2-20 # (14'6")	2-12 #	-	4-20 #(11'0") B-2 B-1	8#@5"C/C	USE MIX M20 G	
3	B3	12"X23"	2-16 #	2-12 # 10'0")	2-12 #	-	2-12 #(9'0") B-3 B-1/B-3	8#@7"C/C	USE MIX M20 G	
4	B4	12"X29"	3-20 #	2-20 # 14'6")	2-12 #	-	4-25 #(11'0") B-4 B-1/B-5	8#@4"C/C	USE MIX M20 G	
5	B5	12"X23"	3-16 #	-	2-12 #	-	2-16 #(7'0") B-5 B-1	8#@5"C/C	USE MIX M20 G	
6	B6	12"X23"	2-20 #	2-16 # 12'6")	2-12 #	2-20 #(9'0") B-9 B-6	3-20 #(18'0") B-12 B-1	8#@4"C/C	USE MIX M20 G	
7	B7	12"X29"	3-25 #	2-20 # 18'0")	2-16 #		3-25 #(14'0") B-7 B-8	8#@4"C/C	USE MIX M20 G	
8	B8	12"X23"	3-16 #	-	2-16 #			8#@5"C/C	USE MIX M20 G	
9	B9	12"X23"	2-16 #	-	2-12 #	3-20 # 8#@5"C/C L.2-12 #(6')	2-20 #(9'0") B-9 B-13	8#@6"C/C	USE MIX M20 G	
10	B10	9"X17"	2-16 #	2-12 # (6'6")	2-12 #	2-20 #(10') BRA. TOP		8#@6"C/C	USE MIX M20 G	

2nd STILT BEAM DETAIL

SHEET NO.[2]

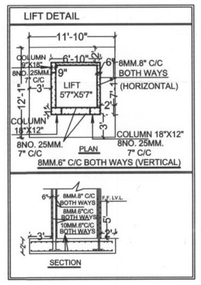
S.NO.	BEAM NO.	BEAMSIZE BXD	BOTTOM REINFORCEMENT: THROUGH OUT BARS	BOTTOM REINFORCEMENT: EXTRA AT MID SPAN	TOP REINFORCEMENT: THROUGH OUT BARS	TOP REINFORCEMENT: EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
11	B11	9"X23"	2-16 #	1-12 # (8'0")	2-12 #	4-20 #(10') 8#@8"C/C -2-12 #(6')	2-16 #(9'0") B-11 B-14	8#@6"C/C	USE MIX M20 G	
12	B12	9"X17"	2-16 #		2-10 #	1-16 # (10'6")	1-12 #(7'0") B-12 B-12	8#@8"C/C	USE MIX M20 G	
13	B13	9"X17"	2-16 #	1-12 # 10'0")	2-10 #		2-12 #(10'0") B-13 B13/B12	8#@7"C/C	USE MIX M20 G .	
14	B14	9"X23"	2-16 #	2-12 # 10'6")	2-12 #		2-16 #(9'0") B-14 B-14	8#@6"C/C	USE MIX M20 G	
15	B15	9"X23"	2-16 #	1-12 # 9'0")	2-12 #		2-16 #(7'0") B-15 B-14	8#@7"C/C	USE MIX M20 G	
16	B16	12"X23"	2-20 #	2-16 # (12'0")	2-12 #		2-20 #(10'0") B-16 B3/19	8#@4"C/C	USE MIX M20 G	
17	B17	12"X23"	3-25 #	2-20 # (16'0")	2-16 #	3-25 #(14') B-17 B-16 B-9	3-25 #(12'0") B-17 B-1	8#@4"C/C	USE MIX M20 G	
18	B18	12"X29"	2-20 #	2-20 # (14'0")	2-16 #		2-25 #(11'0") B-18 B-1	8#@5"C/C	USE MIX M20 G	
19	B19	12"X29"	4-25 #	2-25 # (19'0")	2-16 #	4-25 #(14') B-19 B-11	4-25 #(14') B-19 B-24	10#@4"C/C 8#@4"C/C	USE MIX M20 G	
20	B20	12"X29"	4-25 #	2-25 # (10'0")	2-16 #		4-25 # (11'0") B-20 B9/LIFT	10#@4"C/C 8#@4"C/C	USE MIX M20 G	

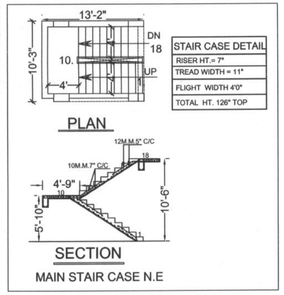
2nd STILT BEAM DETAIL

SHEET NO.[3]

S.NO.	BEAM NO.	BEAMSIZE BXD	BOTTOM REINFORCEMENT: THROUGH OUT BARS	BOTTOM REINFORCEMENT: EXTRA AT MID SPAN	TOP REINFORCEMENT: THROUGH OUT BARS	TOP REINFORCEMENT: EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFFECTIVE SPAN
21	B21	12"X29"	4-25 #	2-25 # (18'6")	2-16 #	2-20 # (7'0")	5-25 #(14'0") B-21 B-22	10#@4"C/C 8#@4"C/C	USE MIX M20 G	
22	B22	12"X29"	2-25 #		2-16 #		4-25 #(14'0") B-22 B-23	8#@5"C/C	USE MIX M20 G	
23	B23	12"X29"	4-25 #	2-25 # (18'0")	2-16 #		2-25 #(16'0") Bracket (TOP)	10#@4"C/C 8#@4"C/C	USE MIX M20 G	
24	B24	9"X23"	2-16 #		2-16 #			8#@7"C/C	USE MIX M20 G	
25	B25	9"X17"	2-16 #	2-16 # (10'0")	2-12 #		2-16 #(9'0") B-25 B-9,26, B-10/25	8#@5"C/C	USE MIX M20 G	
26	B26	12"X23"	2-16#		2-12 #	4-20 #(10') 8#@5"C/C -2-16 #(6')	2-16 #(9'0") B-26 B25	8#@5"C/C	USE MIX M20 G	
26A	B26A	12"X23"	3-16 #		2-12 #	2-25 # (10'6")		8#@5"C/C	USE MIX M20 G	
27	B27	9"X17"	2-16 #		2-10 #	2-16 # (10'0") Bracket	2-12 #(10'0") B-27 B27	8#@5"C/C	USE MIX M20 G	

LIFT DETAIL

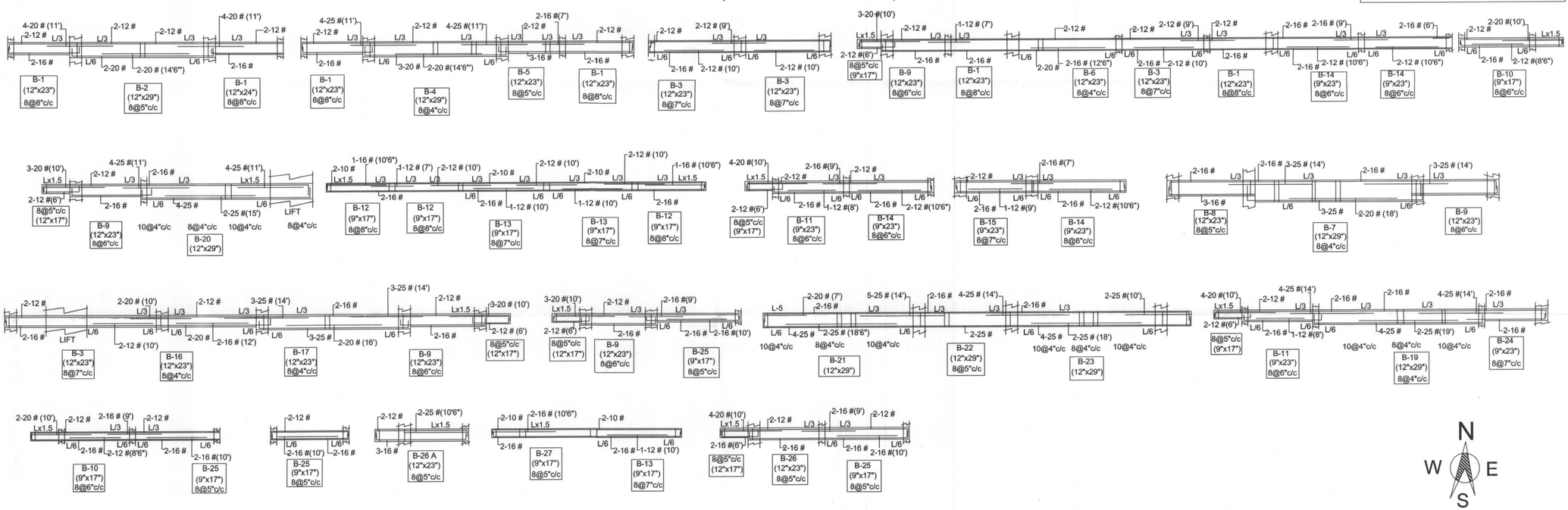




MAIN STAIR CASE N.E

STAIR CASE DETAIL
RISER HT.= 7"
TREAD WIDTH = 11"
FLIGHT WIDTH 4'0"
TOTAL HT. 126" TOP

2ND STILT BEAM SECTION



BLOCK- C

SHEET NO - 04

2ND STILT SLAB & BEAM DETAIL

SPECIFICATIONS/NOTES:-

1. ALL DIMENSIONS ARE IN FEET & INCHES,EXCEPT BAR DIAMETER.BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ALL CONCRETE MIX. SHALL BE M-20. IF NOT SPECIFIED.
4. ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY.WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM
5. USE M-20 GRADE CONE & STEEL HYSD FE-500
6. CHANGE MUST BE DONE AFTER DESIGNER APPROVAL
7. CLEAR COVER TO BARS SHALL BE AS UNDER
   SLAB:- 20MM, BEAM :- 25MM , COLUMN:- 40MM, WALL :- 30MM
   RAFT :- 50 MM
8. 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: 1893 & IS : 456 .
13. S.B.C. CONSIDERED 25 TONE/M2

RESIDENTIAL FLATS PLAN FOR SAMBHAVNATH COMPLEX LIMITED
DIRECTOR SHRI ROSHAN LAL
S/O SHRI BHERU LAL JAIN (NAGDA)
AT PLOT NO. 1. KH.NO. 208,209,
TO 220,222 TO 224,226,228 TO 230
REVENUE VILLAGE SAVINA KHEDA
UDAIPUR (RAJ.)

BUILDING APPROVAL THROUGH
U.I.T. UDAIPUR LETTER NO.
F-7 ( )/UIT/B-PLAN/MISC/2012/3652
DATE :-30/10/2013
F-7 ( )/UIT/B-PLAN/MISC/2016/3661
DATE :-28/07/2017
1st STILT + 2nd STILT + G + 9th FLOOR

UPENDRA TATER
Architect
Council of Architecture
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Ar. Upendra Tater
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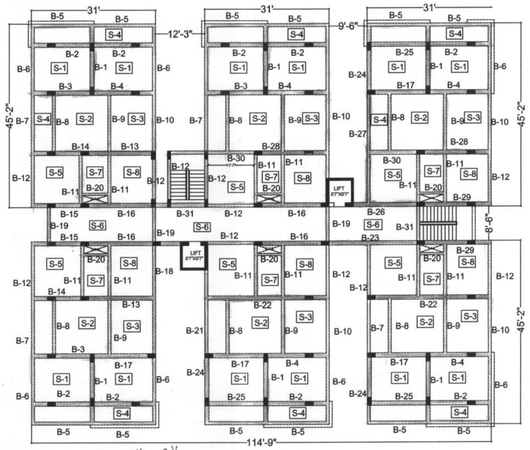
BLOCK- C	SHEET NO - 05

TYPICAL FLOOR SLAB , BEAM DETAIL & STAIR CASE DETAIL TERRACE FLOOR SLAB & BEAM DETAIL

TYPICALFLOOR BEAM PLAN



S-1= 10 #@ 6"C/C 8 #@ 7"C/C	S-3= 10 #@ 6"C/C 8 #@ 8"C/C	S-5= 10 #@ 6"C/C 8 #@ 7"C/C	S-7= 8 #@ 7"C/C 8 #@ 8"C/C
S-2= 10 #@ 6"C/C 10 #@ 7"C/C	S-4 = 8 #@ 7"C/C 8 #@ 9"C/C	S-6= 8 #@ 6"C/C 8 #@ 8"C/C	S-8= 10 #@ 7"C/C 8 #@ 8"C/C

TYPICAL FLOOR BEAM DETAIL

SHEET NO.[1]

S.N0	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT THROUGH OUT BARS	BOTTOM REINFORCEMENT EXTRA AT MID SPAN	TOP REINFORCEMENT THROUGH OUT BARS	TOP REINFORCEMENT EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
1	B1	12"X17"	3-20 ℞	——	2-20 ℞	2-25 ℞ (12'0") BR.TOP		8℞@4"C/C 8℞@7"C/C	USE MIX M20 G	
2	B2	12"X17"	2-20 ℞ or 3-16 ℞		2-20 ℞	2-20 ℞ (12'0") BR.TOP	——	8℞@4"C/C 8℞@6"C/C	USE MIX M20 G	
3	B3	12"X17"	2-20 ℞		2-16 ℞	2-20 ℞ (10'0") BR.TOP	——	8℞@5"C/C 8℞@7"C/C	USE MIX M20 G	
4	B4	12"X17"	2-20 ℞	1-16 ℞ (8'0")	2-16 ℞	3-20 ℞ (10'0") BR.TOP	——	8℞@4"C/C 8℞@5"C/C	USE MIX M20 G	
5	B5	9"X17"	2-16 ℞	1-12 ℞ (10'6")	2-12 ℞	——	2-16 ℞(9') B5 - B5	8℞@6"C/C	USE MIX M20 G	
6	B6	9"X17"	2-16 ℞		2-12 ℞	2-20 ℞ (10'0") BR.TOP	1-16℞ (8') B6 B7/B10	8℞@5"C/C 8℞@7"C/C	USE MIX M20 G	
7	B7	9"X17"	2-16 ℞		2-12 ℞	——	1-16℞ (9') B7 B12	8℞@7"C/C	USE MIX M20 G	
8	B8	9"X17"	2-16 ℞	2-16 ℞ (9'6")	2-12 ℞	1-12 ℞ (4'0") BR.TOP	——	8℞@6"C/C	USE MIX M20 G	
9	B9	9"X17"	2-16 ℞	2-12 ℞ (9'6")	2-12 ℞		2-20℞ (9') B9 B11	8℞@6"C/C	USE MIX M20 G	
10	B10	9"X17"	2-16 ℞	1-12 ℞ (9'6")	2-12 ℞	——	2-16℞ (9') B10 B12	8℞@6"C/C	USE MIX M20 G	

TYPICAL FLOOR BEAM DETAIL

SHEET NO.[2]

S.N0	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT THROUGH OUT BARS	BOTTOM REINFORCEMENT EXTRA AT MID SPAN	TOP REINFORCEMENT THROUGH OUT BARS	TOP REINFORCEMENT EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
11	B11	9"X17"	2-16 ℞	2-12 ℞ (9'0")	2-12 ℞	——	2-20 ℞ (9'0") B11 B9	8℞@6"C/C	USE MIX M20 G	
12	B12	9"X17"	2-16 ℞	1-12℞ (9'0")	2-12 ℞	——	1-16 ℞ (9'0") B12 B12	8℞@6"C/C	USE MIX M20 G	
13	B13	12"X23"	2-25 ℞ or 3-20 ℞	2-20 ℞ (12'0")	2-20 ℞	——	——	8℞@5"C/C	USE MIX M20 G	
14	B14	12"X17"	2-20 ℞	——	2-20 ℞	2-20 ℞ (19'0") BR.TOP	——	8℞@5"C/C 8℞@7"C/C	USE MIX M20 G	
15	B15	12"X17"	2-16 ℞	——	2-16 ℞	2-20 ℞ (19'0") BR.TOP	——	8℞@5"C/C 8℞@7"C/C	USE MIX M20 G	
16	B16	12"X23"	2-20 ℞	2-20 ℞ (12'0")	2-16 ℞		2-20℞ (10') B16 LIFT	8℞@5"C/C	USE MIX M20 G	
17	B17	12"X17"	3-20 ℞	2-16 ℞ (10'6")	2-16 ℞	1-16 ℞ (5'0") END S.	2-20℞ (8') B17 B3/B4	8℞@5"C/C	USE MIX M20 G	
18	B18	9"X29"	3-25 ℞	2-25 ℞ (19'0")	3-12 ℞	——	4-25℞ (12') B18 B6/B19	8℞@4"C/C 8℞@5"C/C	USE MIX M20 G	
19	B19	9"X17"	2-12 ℞	——	2-12 ℞	——	——	8℞@8"C/C	USE MIX M20 G	
20	B20	9"X17"	2-12 ℞	——	2-12 ℞	——	——	8℞@8"C/C	USE MIX M20 G	

TYPICAL FLOOR BEAM DETAIL

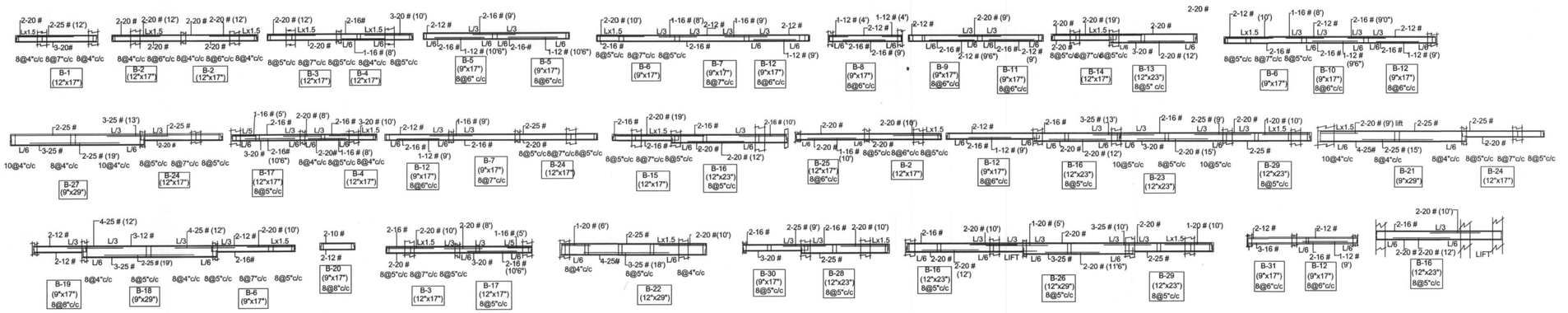
SHEET NO.[3]

S.N0	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT THROUGH OUT BARS	BOTTOM REINFORCEMENT EXTRA AT MID SPAN	TOP REINFORCEMENT THROUGH OUT BARS	TOP REINFORCEMENT EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
21	B21	9"X29"	4-25 ℞	2-25 ℞ (10'0")	2-25 ℞	2-20 ℞ (9'0") BR.TOP	2-20 ℞ (9'0") B11 B9	10℞@4"C/C 8℞@4"C/C	USE MIX M20 G	
22	B22	12"X29"	4-25 ℞	3-25℞ (18'0")	2-25 ℞	2-20 ℞ (10'0") BR.TOP	1-20 ℞ (8'0") END.SUP	8℞@4"C/C 8℞@5"C/C	USE MIX M20 G	
23	B23	12"X23"	3-20 ℞	2-20 ℞ (15'0")	2-16 ℞	——	3-25 ℞ (13'0") B23 B16	10℞@5"C/C 8℞@5"C/C	USE MIX M20 G	
24	B24	12"X17"	2-20 ℞	——	2-25 ℞	——	——	8℞@5"C/C 8℞@7"C/C	USE MIX M20 G	
25	B15	12"X17"	2-20 ℞	1-16 ℞ (10'0")	2-20 ℞	——	——	8℞@6"C/C	USE MIX M20 G	
26	B26	12"X29"	3-25 ℞	2-20 ℞ (11'6")	2-20 ℞	1-20 ℞ (5'0") BR.TOP	3-25℞ (10') B26 B29	8℞@5"C/C	USE MIX M20 G	
27	B27	9"X29"	3-25 ℞	2-25 ℞ (19'0")	2-25 ℞		3-25℞ (13') B27 B24	10℞@4"C/C 8℞@4"C/C	USE MIX M20 G	
28	B28	12"X23"	2-25 ℞		2-16 ℞	2-20 ℞ (10'0") BR.TOP	2-25℞ (9') B28 B30	8℞@5"C/C	USE MIX M20 G	
29	B29	12"X23"	2-25 ℞	——	2-20 ℞	1-20 ℞ (10'0") BR.TOP	2-25℞ (9') B23 B29	8℞@5"C/C	USE MIX M20 G	
30	B30	9"X17"	3-20 ℞ or 2-25 ℞	——	2-16 ℞	——	——	8℞@5"C/C	USE MIX M20 G	
31	B31	9"X17"	3-16 ℞	——	2-12 ℞	——	——	8℞@6"C/C	USE MIX M20 G	

SPECIFICATIONS/NOTES:-

1. ALL DIMENSIONS ARE IN FEET & INCHES,EXCEPT BAR DIAMETER.BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ALL CONCRETE MIX. SHALL BE M-20. IF NOT SPECIFIED.
4. ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY.WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM
5. USE M-20 GRADE CONE & STEEL HYSD FE-500
6. CHANGE MUST BE DONE AFTER DESIGNER APPROVAL
7. CLEAR COVER TO BARS SHALL BE AS UNDER
   SLAB:- 20MM, BEAM :- 25MM , COLUMN:- 40MM, WALL :- 30MM
   RAFT :- 50 MM
8. 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: 1893 & IS : 456 .
13. S.B.C. CONSIDERED 25 TONE/M2

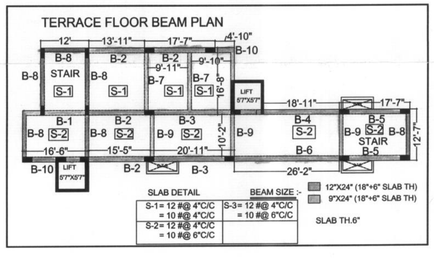
TYPICAL FLOOR BEAM SECTION

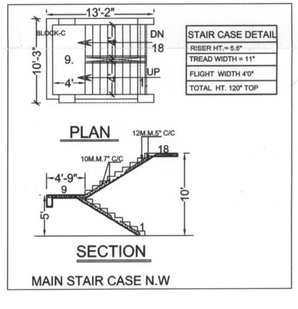


RESIDENTIAL FLATS PLAN FOR SAMBHAVNATH COMPLEX LIMITED
DIRECTOR SHRI ROSHAN LAL
S/O SHRI BHERU LAL JAIN (NAGDA)
AT PLOT NO. 1. KH.NO. 208,209,
TO 220,222 TO 224,226,228 TO 230
REVENUE VILLAGE SAVINA KHEDA
UDAIPUR (RAJ.)

BUILDING APPROVAL THROUGH
U.I.T. UDAIPUR LETTER NO.
F-7 ( )/UIT/B-PLAN/MISC/2012/3652
DATE :-30/10/2013
F-7 ( )/UIT/B-PLAN/MISC/2016/3661
DATE :-28/07/2017
1st STILT + 2nd STILT + G + 9th FLOOR

TERRACE FLOOR BEAM PLAN



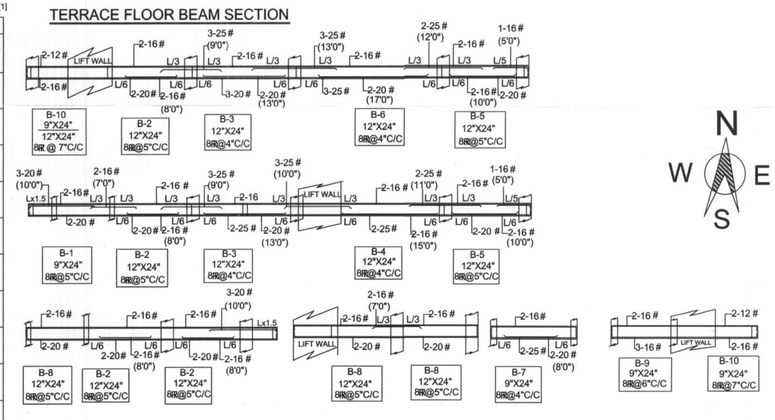


TERRACE BEAM DETAIL

SHEET NO.[1]

S.NO.	BEAM NO.	BEAMSIZE BXD	BOTTOM REINFORCEMENT THROUGH OUT BARS	BOTTOM REINFORCEMENT EXTRA AT MID SPAN	TOP REINFORCEMENT THROUGH OUT BARS	TOP REINFORCEMENT EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
1	B1	9"X24"	2-20 ℞	——	2-16 ℞	3-20 ℞ (10'0")	2-16℞ (7') B1 B2	8℞@5"C/C	USE MIX M20 G	
2	B2	12"X24"	2-20 ℞	2-16 ℞ (8'0")	2-16 ℞	3-20 ℞ (10'0")	3-25℞ (9') B2 B3	8℞@5"C/C	USE MIX M20 G	
3	B3	12"X24"	3-20 ℞ or 2-25 ℞	2-20 ℞ (13'0")	2-16 ℞	——	3-25℞ (10') B3 B4	8℞@4"C/C	USE MIX M20 G	
4	B4	12"X24"	3-20 ℞ or 2-25 ℞	2-16 ℞ (15'0")	2-16 ℞	——	2-25℞ (11') B4 B5	8℞@4"C/C	USE MIX M20 G	
5	B5	12"X24"	2-20 ℞	2-16 ℞ (10'0")	2-16 ℞	1-16 ℞ (5'0")	2-25℞ (12') B5 B6	8℞@5"C/C	USE MIX M20 G	
6	B6	12"X24"	3-25 ℞	2-20 ℞ (17'0")	2-16 ℞	——	3-25℞ (13') B6 B3	8℞@4"C/C	USE MIX M20 G	
7	B7	9"X24"	2-25 ℞	2-20 ℞ (8'0")	2-16 ℞	——	——	8℞@4"C/C	USE MIX M20 G	
8	B8	12"X24"	2-20 ℞	——	2-16 ℞	——	2-16℞ (7') B8 B8	8℞@5"C/C	USE MIX M20 G	
9	B9	9"X24"	3-16 ℞	——	2-16 ℞	——	——	8℞@6"C/C	USE MIX M20 G	
10	B10	9"X24" 12"X24"	2-16 ℞	——	2-12 ℞	——	——	8℞@7"C/C	USE MIX M20 G	

TERRACE FLOOR BEAM SECTION



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BLOCK- B	SHEET NO - 01

COLUMN DETAIL

Floor13-Default Level									DIMENSION : 300 x 750 MAIN STEEL : 14 #16 TIES: 3-8 @175	AS BELOW	AS BELOW	AS BELOW	AS BELOW
Floor12-Default Level	AS BELOW	AS BELOW	AS BELOW	AS BELOW	AS BELOW	DIMENSION : 300 x 750 MAIN STEEL : 14 #16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 14 #16 TIES: 3-8 @175	AS BELOW	DIMENSION : 300 x 750 MAIN STEEL : 6#20 + 8 #16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 16 #16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 16 #16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 #16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 #16 TIES: 4-8 @175
Floor11-Default Level	DIMENSION : 300 x 750 MAIN STEEL : 12 # 16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 # 16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 # 16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 12 # 16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 16 # 16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 14 # 16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 14 # 16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 12 # 16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 14 # 20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 6 #20+10#16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 16 #16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 #16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 #16 TIES: 4-8 @175
Floor10-Default Level	AS BELOW	AS BELOW	DIMENSION : 300 x 750 MAIN STEEL : 6 # 20 + 4 # 16 TIES: 4-8 @175	AS BELOW	DIMENSION : 300 x 750 MAIN STEEL : 8 #20 +6 #16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 4 #20 + 10 #16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 4 #20 + 10 #16 TIES: 3-8 @175	AS BELOW	DIMENSION : 300 x 750 MAIN STEEL : 6#25 + 8 #20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 6 #20 + 10 #16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 6 #20 +10 #16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 6 #20 +4 #16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 6 #20 +4 #16 TIES: 4-8 @175
Floor9-Default Level	DIMENSION : 300 x 750 MAIN STEEL : 4 # 20 + 8 # 16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 6 # 20 + 4 # 16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 6 # 20 +4 # 16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 4 # 20 +6 # 16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 8 # 20 +6 # 16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 8 # 20 + 6 # 16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 4 #20 + 10#16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 4 # 20 + 6 # 16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 6 # 25 + 8 # 20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 6 # 20 + 6 # 16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 8 # 20 +10 # 16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 6 # 20 +4 # 16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 6 # 20 +4 # 16 TIES: 4-8 @175
Floor8-Default Level	DIMENSION : 300 x 750 MAIN STEEL : 6 # 20 + 6 # 16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 # 20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 # 20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 8 # 20 + 4 - 16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 16 # 20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 8 #20 +6 #16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 8 # 20 +6 # 16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 8 # 20 + 6 # 16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 #25+ 4 #20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 16 #20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 # 20 +6 # 16 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 # 20 TIES: 4-8 @175	AS BELOW
Floor7 - Default Level	DIMENSION : 300 x 750 MAIN STEEL : 8 # 20 + 4 # 16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 # 20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 # 20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 12 # 20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 4 # 25 + 12 # 20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 14 # 20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 14 # 20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 8 # 20 + 4 # 16 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 # 25+ 4 # 20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 8 # 25+ 8 # 20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 16 # 20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 # 20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 #20 TIES: 4-8 @175
Floor6 - Default Level	AS BELOW	DIMENSION : 300 x 750 MAIN STEEL : 4 # 25 + 6 # 20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 6#25+4#20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 4 #25+8#20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 8 #25 + 8 #20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 4 #25 +10 #20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 4 #25 +10 #20 TIES: 3-8 @175	AS BELOW	DIMENSION : 300 x 750 MAIN STEEL : 14#25 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 12 #25 +4 #20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 8 #25 +8 #20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 4 #25 + 6 #20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 4 #25 + 6 #20 TIES: 4-8 @175
Floor5 - Default Level	AS BELOW	DIMENSION : 300 x 750 MAIN STEEL : 6 # 25 + 4 # 20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 6 # 25 + 4 # 20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 8 # 25 + 4 # 20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 12 # 25 + 4 # 20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 8 # 25 + 6 # 20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 8 # 25 + 6 # 20 TIES: 3-8 @175	AS BELOW	DIMENSION : 300 x 750 MAIN STEEL : 14 # 25 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 16 # 25 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 12 # 25 +4 # 20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 6 # 25 + 4 # 20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 6 # 25 + 4 #20 TIES: 4-8 @175
Floor4 - Default Level	AS BELOW	DIMENSION : 300 x 750 MAIN STEEL : 6 # 25 + 4 # 20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 #25 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 8 # 25 + 4 #20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @175	AS BELOW	DIMENSION : 300 x 750 MAIN STEEL : 14 #25 TIES: 3-8 @175	AS BELOW	DIMENSION : 300 x 750 MAIN STEEL : 16 #25 + 4 #20 TIES: 4-8 @175	AS BELOW	DIMENSION : 300 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 #25 TIES: 4-8 @175	AS BELOW
Floor3 - Default Level	DIMENSION : 300 x 750 MAIN STEEL : 12 #20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 #25 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 10 #25 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 12 # 25 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 18 # 25 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 14 # 25 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 14 # 25 +4 # 20 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 12 # 20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 16 # 25 + 4 # 20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 18 # 25 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 16 # 25 TIES: 3-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 12 # 25 +4 # 20 TIES: 4-8 @175	DIMENSION : 300 x 750 MAIN STEEL : 8 # 25 + 4 # 20 TIES: 4-8 @175
Floor2 - Default Level	AS BELOW	AS BELOW	AS BELOW	AS BELOW	AS BELOW	DIMENSION : 375 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @175	AS BELOW	AS BELOW	DIMENSION : 375 x 750 MAIN STEEL : 20 #25 TIES: 4-8 @175	AS BELOW	AS BELOW	AS BELOW	DIMENSION : 375 x 750 MAIN STEEL : 12 # 25 TIES: 4-8 @175
Floor1 - Default Level	DIMENSION : 375 x 750 MAIN STEEL : 12 #20 TIES: 4-8 @175 COLUMN ID : C$3,C7,C20,C24,C35,C40,C58,C59,C2 COLUMN GROUP-NAME : CG1	DIMENSION : 375 x 750 MAIN STEEL : 12 #25 TIES: 4-8 @175 COLUMN ID : C$13,C66,C70,C71,C72,C69 COLUMN GROUP-NAME : CG2	DIMENSION : 375 x 750 MAIN STEEL : 12 #25 TIES: 4-8 @175 COLUMN ID : C1$,C16,C21,C55,C58,C60,C63,C65,C67,C73,C74 COLUMN GROUP-NAME : CG3	DIMENSION : 375 x 750 MAIN STEEL : 12 #25 TIES: 4-8 @175 COLUMN ID : C4$,C10,C11,C23,C27,C28,C39,C44,C45,C50,C57,C62,C64 COLUMN GROUP-NAME : CG4	DIMENSION : 375 x 750 MAIN STEEL : 18 #25 TIES: 3-8 @175 COLUMN ID : C6$,C14,C26,C36,C42,C43,C47,C48,C61 COLUMN GROUP-NAME : CG5	DIMENSION : 375 x 750 MAIN STEEL : 16 #25 TIES: 3-8 @175 COLUMN ID : C1$,C18,C25,C29,C30,C31,C75,C68 COLUMN GROUP-NAME : CG6	DIMENSION : 375 x 750 MAIN STEEL : 18 #25 TIES: 3-8 @175 COLUMN ID : C3$,C49,C17 COLUMN GROUP-NAME : CG7	DIMENSION : 375 x 750 MAIN STEEL : 12 #20 TIES: 4-8 @175 COLUMN ID : C4 COLUMN GROUP-NAME : CG8	DIMENSION : 375 x 750 MAIN STEEL : 20 #25 TIES: 4-8 @175 COLUMN ID : C1$,37,C38,C41,C46 COLUMN GROUP-NAME : CG9	DIMENSION : 375 x 750 MAIN STEEL : 20 #25 TIES: 3-8 @175 COLUMN ID : C2$,33,C34 COLUMN GROUP-NAME : CG10	DIMENSION : 375 x 750 MAIN STEEL : 18 # 25 TIES: 3-8 @175 COLUMN ID : C51 COLUMN GROUP-NAME : CG11	DIMENSION : 375 x 750 MAIN STEEL : 16 # 25 TIES: 4-8 @175 COLUMN ID : C5$,54 COLUMN GROUP-NAME : CG12	DIMENSION : 375 x 750 MAIN STEEL : 12 # 25 TIES: 4-8 @175 COLUMN ID : C53 COLUMN GROUP-NAME : CG13

SPECIFICATIONS/NOTES:-

1. ALL DIMENSIONS ARE IN MM ,EXCEPT BAR DIAMETER.BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ALL CONCRETE MIX. SHALL BE M-20. IF NOT SPECIFIED.
4. ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY.WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM
5. USE M-20 GRADE CONE & STEEL HYSD FE-500
6. CHANGE MUST BE DONE AFTER DESIGNER APPROVAL
7. CLEAR COVER TO BARS SHALL BE AS UNDER
   SLAB:- 20MM, BEAM :- 25MM , COLUMN:- 40MM, WALL :- 30MM
   RAFT :- 50 MM
8. 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: 1893 & IS : 456 .
13. S.B.C. CONSIDERED 25 TONE/M2

RESIDENTIAL FLATS PLAN FOR SAMBHAVNATH COMPLEX LIMITED
DIRECTOR SHRI ROSHAN LAL
S/O SHRI BHERU LAL JAIN (NAGDA)
AT PLOT NO. 1. KH.NO. 208,209,
TO 220,222 TO 224,226,228 TO 230
REVENUE VILLAGE SAVINA KHEDA
UDAIPUR (RAJ.)

BUILDING APPROVAL THROUGH
U.I.T. UDAIPUR LETTER NO.
F-7 ( ) /UIT/B-PLAN / MISC /2016 /361
DATE :- 28/07/2017
1st STILT + 2 nd STILT +GROUND + NINTH FLOOR

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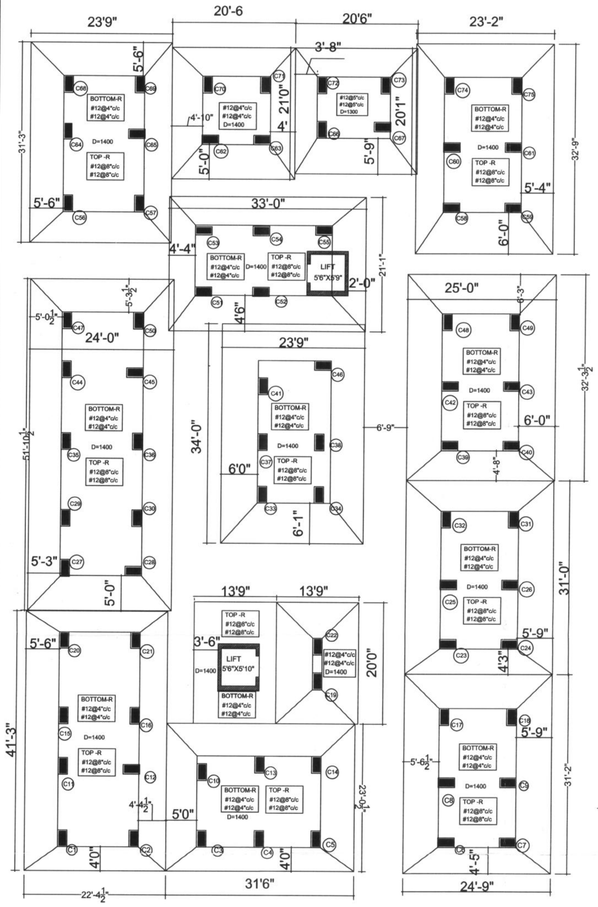
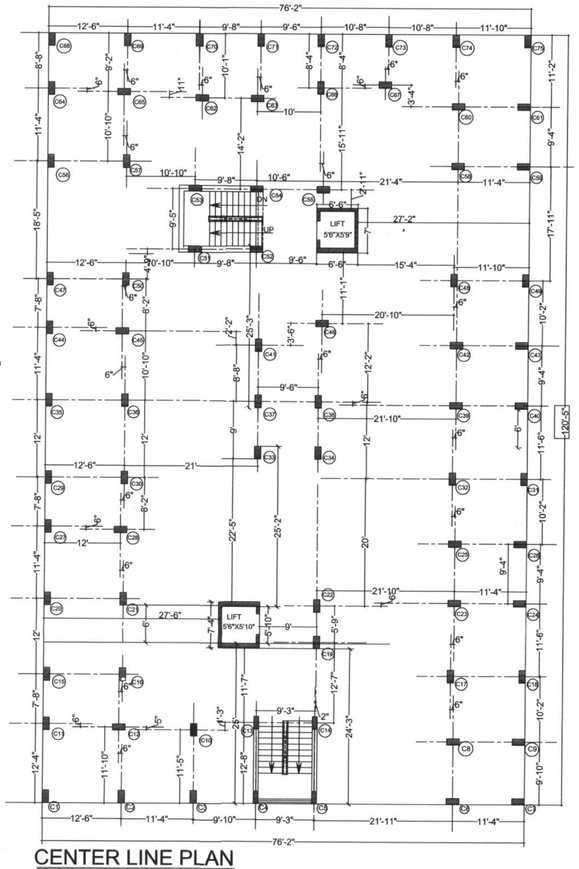


FOOTING PLAN



CENTER LINE PLAN

COLUMN CURTAILMENT DETAILS

SHEET NO. 1

S. NO.	COLUMN NO.	SIZE OF COL AT 1 LVL.& REINFORCEMENT M-20 [1: 1.5:3] FIRST LVL. STILT 1ST +STILT 2ND	STIRRUPS [RING] 4 LEG.	SIZE OF COLUMN & REINFOR. M-20 [1: 1.5:3] 4th F. LVL. 3.and 4.	SIZE OF COLUMN & REINFOR. M-20 [1: 1.5:3] 5th F. LVL. 5.	SIZE OF COLUMN & REINFOR. M-20 [1: 1.5:3] 6th F. LVL. 6	SIZE OF COLUMN & REINFOR. M-20 [1: 1.5:3] 7th F. LVL. 7.	SIZE OF COLUMN & REINFOR. M-20 [1: 1.5:3] 8th F. LVL. 8.	REMARKS
1	1,3,7,20,24,35,40, 56,59,2	1'3"X2'6" 8 - 25 ₹ + 12 - 20 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" + 12 - 20 ₹	1'0"X2'6" 12 - 20 ₹	1'0"X2'6" 12 - 20 ₹	1'0"X2'6" 8 - 20 ₹ + 4 - 16 ₹	1'0"X2'6" 6 - 20 ₹ + 6 - 16 ₹	
2	5,13,66,70,71,72,69	1'3"X2'6" 12 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 10 - 25 ₹	1'0"X2'6" 6 - 25 ₹ or 4 - 20 ₹	1'0"X2'6" 4 - 25 ₹ + 6 - 20 ₹	1'0"X2'6" 10 - 20 ₹	1'0"X2'6" 10 - 20 ₹	
3	12,16,21,55,58,60, 63,65,	1'3"X2'6" 12 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 10 - 25 ₹	1'0"X2'6" 6 - 25 ₹ + 4 - 20 ₹	1'0"X2'6" 4 - 25 ₹ + 6 - 20 ₹	1'0"X2'6" 10 - 20 ₹	1'0"X2'6" 10 - 20 ₹	
4	8,11,10,23,27,28,39, 44,6,50,57,62,62	1'3"X2'6" 12 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 12 - 25 ₹	1'0"X2'6" 8 - 25 ₹ + 4 - 20 ₹	1'0"X2'6" 4 - 25 ₹ + 8 - 20 ₹	1'0"X2'6" 12 - 20 ₹	1'0"X2'6" 8 - 20 ₹ + 4 - 16 ₹	
5	9,26,36,42,43, 14, 61,	1'3"X2'6" 18 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 16 - 25 ₹	1'0"X2'6" 12 - 25 ₹ + 4 - 20 ₹	1'0"X2'6" 8 - 25 ₹ + 8 - 20 ₹	1'0"X2'6" 4 - 25 ₹ + 12 - 20 ₹	1'0"X2'6" 16 - 20 ₹	
6.	15.25.29.30.31 75,68,18,	1'3"X2'6" 16 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 14 - 25 ₹ + 4 - 20 ₹	1'0"X2'6" 8 - 25 ₹ + 6 - 20 ₹	1'0"X2'6" 4 - 25 ₹ + 10 - 20 ₹	1'0"X2'6" 14 - 20 ₹	1'0"X2'6" 8 - 25 ₹ + 6 - 20 ₹	
7.	32,39,17,	1'3"X2'6" 18 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 14 - 25 ₹	1'0"X2'6" 8 - 25 T + 6 - 20 ₹	1'0"X2'6" 4 - 25 ₹ + 10 - 20 ₹	1'0"X2'6" 14 - 20 ₹	1'0"X2'6" 8 - 20 ₹ + 6 - 16 ₹	
8	C4	1'3"X2'6" 08 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" + 12 - 20 ₹	1'0"X2'6" 12 - 20 ₹	1'0"X2'6" 12 - 20 ₹	1'0"X2'6" 8 - 20 ₹ + 4 - 16 ₹	1'0"X2'6" 6 - 20 ₹ + 6 - 16 ₹	
9	37,38,41,46,19,	1'3"X2'6" 20 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 16 - 25 ₹ + 4 - 20 ₹	1'0"X2'6" 8 - 25 ₹ + 4 - 20 ₹	1'0"X2'6" 4 - 25 ₹ + 8 - 20 ₹	1'0"X2'6" 12 - 20 ₹	1'0"X2'6" 8 - 20 ₹ + 4 - 16 ₹	
10	22,33,34,	1'3"X2'6" 20 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 18 - 25 ₹	1'0"X2'6" 16 - 25 ₹	1'0"X2'6" 12 - 25 ₹ + 4 - 20 ₹	1'0"X2'6" 8 - 25 ₹ + 8 - 20 ₹	1'0"X2'6" 16 - 20 ₹	
11	51	1'3"X2'6" 18 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 16 - 25 ₹	1'0"X2'6" 12 - 25 ₹ + 4 - 20 ₹	1'0"X2'6" 8 - 25 ₹ + 8 - 20 ₹	1'0"X2'6" 16 - 20 ₹	1'0"X2'6" 10 - 20 ₹ + 6 - 16 ₹	
12	52,54,	1'3"X2'6" 16 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 12 - 25 ₹ + 4 - 20 ₹	1'0"X2'6" 6 - 25 ₹ + 4 - 20 ₹	1'0"X2'6" 4 - 25 ₹ + 6 - 20 ₹	1'0"X2'6" 10 - 20 ₹	1'0"X2'6" 10 - 20 ₹	
13	53	1'0"X2'6" 12 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 10- 25 ₹	1'0"X2'6" 6 - 25 ₹ + 4 - 20 ₹	1'0"X2'6" 4 - 25 ₹ + 6 - 20 ₹	1'0"X2'6" 10 - 20 ₹	1'0"X2'6" 10 - 20 ₹	

NOTE = 1. CLEAR COVER FOR COLUMN 40mm.
2. COLUMN LD IN COMP. 33$
3. SPACING OF LATERAL TIES (RING) IN END REGION 4"
4. STRUCTURE DESIGN FOR S1+S2+ G +9.
5. SOIL BEARING CAPACITY= 250 KN/SQ.MT.

USE M20 [1:1.5:3] CONCRETE MIX FOR COLUMN& FOOTING

COLUMN CURTAILMENT DETAILS

SHEET NO. 2

S. NO.	COLUMN NO.	SIZE OF COL AT 1 LVL.& REINFORCEMENT M-20 [1: 1.5:3] FIRST LVL. STILT 1ST +STILT 2ND	STIRRUPS [RING] 4 LEG.	SIZE OF COLUMN & REINFOR. M-20 [1: 1.5:3] 9th F. LVL. 9.	SIZE OF COLUMN & REINFOR. M-20 [1: 1.5:3] 10th F. LVL. 10.	SIZE OF COLUMN & REINFOR. M-20 [1: 1.5:3] 11th F. LVL. 11 TO 12	SIZE OF COLUMN & REINFOR. M-20 [1: 1.5:3] MUMTY LVL.	REMARKS
1	1,3,7,20,24,35,40, 56,59,2	1'3"X2'6" 8 - 25 ₹ + 12 - 20 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 4 - 20 ₹ + 6 - 16 ₹	1'0"X2'6" 10 - 16 ₹	1'0"X2'6" 10 - 16 ₹		
2	5,13,66,70,71,72,69	1'3"X2'6" 12 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 6 - 20 ₹ + 4 - 16 ₹	1'0"X2'6" 6 - 20 ₹ + 4 - 16 ₹	1'0"X2'6" 10 - 16 ₹	1'0"X2'6" 10 - 16 ₹	
3	12,16,21,55,58,60, 63,65,	1'3"X2'6" 12 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 6 - 20 ₹ + 4 - 16 ₹	1'0"X2'6" 6 - 20 ₹ + 4 - 16 ₹	1'0"X2'6" 10 - 16 ₹	1'0"X2'6" 10 - 16 ₹	
4	8,11,10,23,27,28,39, 44,6,50,57,62,62	1'3"X2'6" 12 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 6 - 20 ₹ + 4 - 16 ₹	1'0"X2'6" 6 - 20 ₹ + 4 - 16 ₹	1'0"X2'6" 10 - 16 ₹		
5	9,26,36,42,43,14, 61,	1'3"X2'6" 18 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 4 - 20 ₹ + 8 - 16 ₹	1'0"X2'6" 4 - 20 ₹ + 8 - 16 ₹	1'0"X2'6" 12 - 16 ₹	1'0"X2'6" 12 - 16 ₹	
6.	15.25.29.30.31. 75,68,18,	1'3"X2'6" 16 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 10 - 20 ₹ + 6 - 16 ₹	1'0"X2'6" 4 - 20 ₹ + 10 - 16 ₹	1'0"X2'6" 14 - 16 ₹		
7.	32,39,17,	1'3"X2'6" 18 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 8 - 20 ₹ + 6 - 16 ₹	1'0"X2'6" 4 - 20 ₹ + 10 - 16 ₹	1'0"X2'6" 14 - 16 ₹		
8	C4,	1'3"X2'6" 08 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 4 - 20 ₹ + 10 - 16 ₹	1'0"X2'6" 4 - 20 ₹ + 10 - 16 ₹	1'0"X2'6" 14 - 16 ₹	1'0"X2'6" 14 - 16 ₹	
9	37,38,41,46,19,	1'3"X2'6" 20 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 4 - 20 ₹ + 8 - 16 ₹	1'0"X2'6" 4 - 20 ₹ + 8 - 16 ₹	1'0"X2'6" 12 - 16 ₹	1'0"X2'6" 12 - 16 ₹	
10	22,33,34,	1'3"X2'6" 20 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 4 - 20 ₹ + 8 - 16 ₹	1'0"X2'6" 4 - 20 ₹ + 8 - 16 ₹	1'0"X2'6" 12 - 16 ₹	1'0"X2'6" 12 - 16 ₹	
11	51,	1'3"X2'6" 18 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 10 - 20 ₹ + 6 - 16 ₹	1'0"X2'6" 4 - 20 ₹ + 10 - 16 ₹	1'0"X2'6" 14 - 16 ₹	1'0"X2'6" 14 - 16 ₹	
12	52,54,	1'3"X2'6" 16 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 6 - 20 ₹ + 4 - 16 ₹	1'0"X2'6" 6 - 20 ₹ + 4 - 16 ₹	1'0"X2'6" 10 - 16 ₹	1'0"X2'6" 10 - 16 ₹	
13	53,	1'0"X2'6" 12 - 25 ₹	8₹@ 7"C/c 4 LEG.	1'0"X2'6" 6 - 20 ₹ + 4 - 16 ₹	1'0"X2'6" 6 - 20 ₹ + 4 - 16 ₹	1'0"X2'6" 10 - 16 ₹	1'0"X2'6" 10 - 16 ₹	

N
W E
S

BLOCK - B | SHEET NO - 02

CENTER LINE, FOOTING , DETAIL

SPECIFICATIONS/NOTES:-

1. ALL DIMENSIONS ARE IN FEET & INCHES EXCEPT BAR DIAMETER.BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ALL CONCRETE MIX. SHALL BE M-20. IF NOT SPECIFIED.
4. ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY.WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM
5. USE M-20 GRADE CONE & STEEL HYSD FE-500
6. CHANGE MUST BE DONE AFTER DESIGNER APPROVAL
7. CLEAR COVER TO BARS SHALL BE AS UNDER
   SLAB:- 20MM, BEAM :- 25MM , COLUMN:- 40MM, WALL :- 30MM
   RAFT :- 50 MM
8. 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 (UI) & IS: 1893 & IS : 456 .
13. S.B.C. CONSIDERED 25 TONE/M2

RESIDENTIAL FLATS PLAN FOR
SAMBHAVNATH COMPLEX LIMITED
DIRECTOR SHRI ROSHAN LAL
S/O SHRI BHERU LAL JAIN (NAGDA)
AT PLOT NO. 1. KH.NO. 208,209,
TO 220,222 TO 224,226,228 TO 230
REVENUE VILLAGE SAVINA KHEDA
UDAIPUR (RAJ.)

BUILDING APPROVAL THROUGH
U.I.T. UDAIPUR LETTER NO.
F-7 ( )/UIT/B-PLAN/MISC/2012/3652
DATE :-30/10/2013
F-7 ( )/UIT/B-PLAN/MISC/2016/3661
DATE :-28/07/2017
1st STILT + 2nd STILT + G + 9th FLOOR

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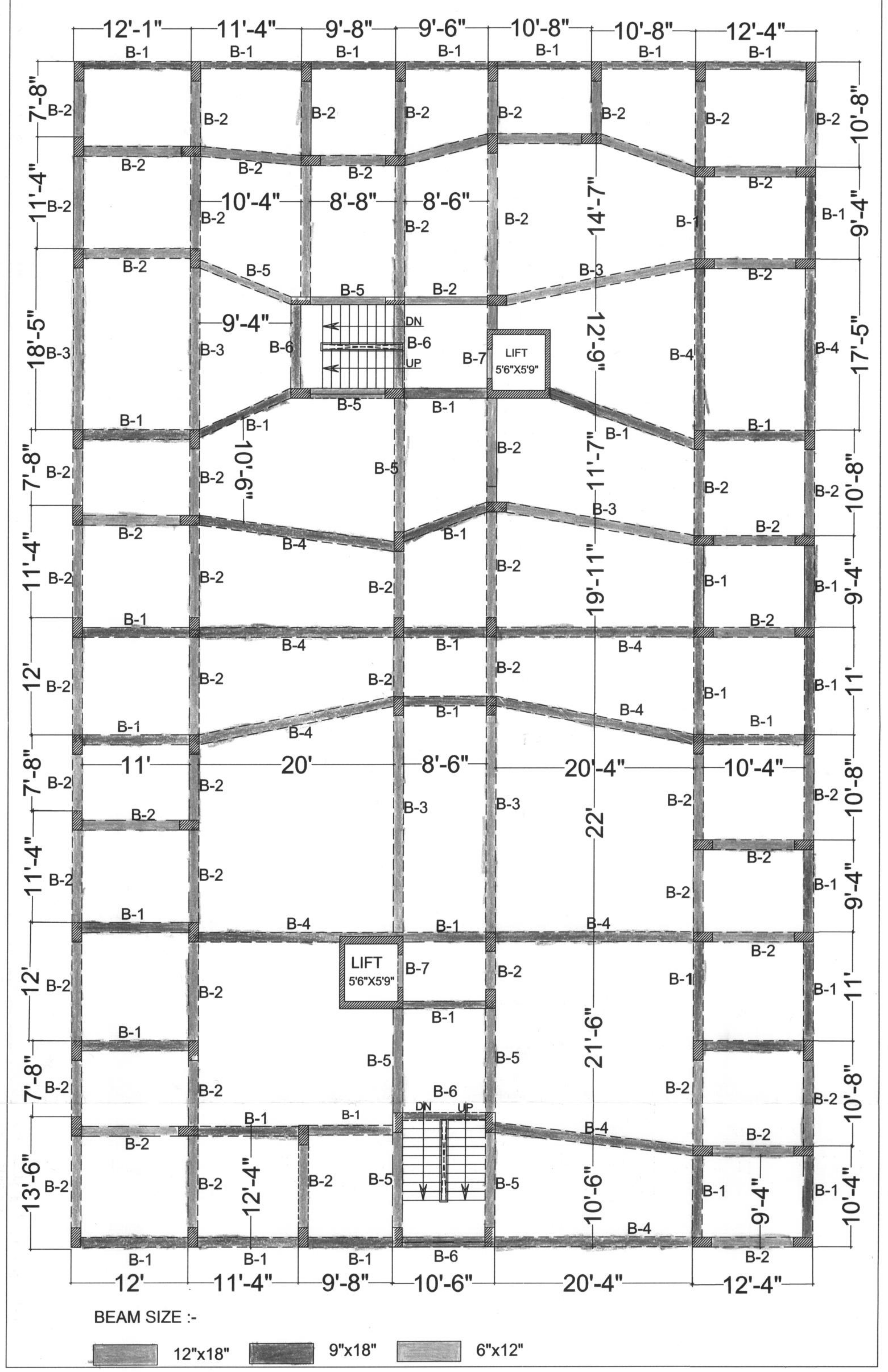
BLOCK - B | SHEET NO - 03

PLINTH BEAMS PLAN

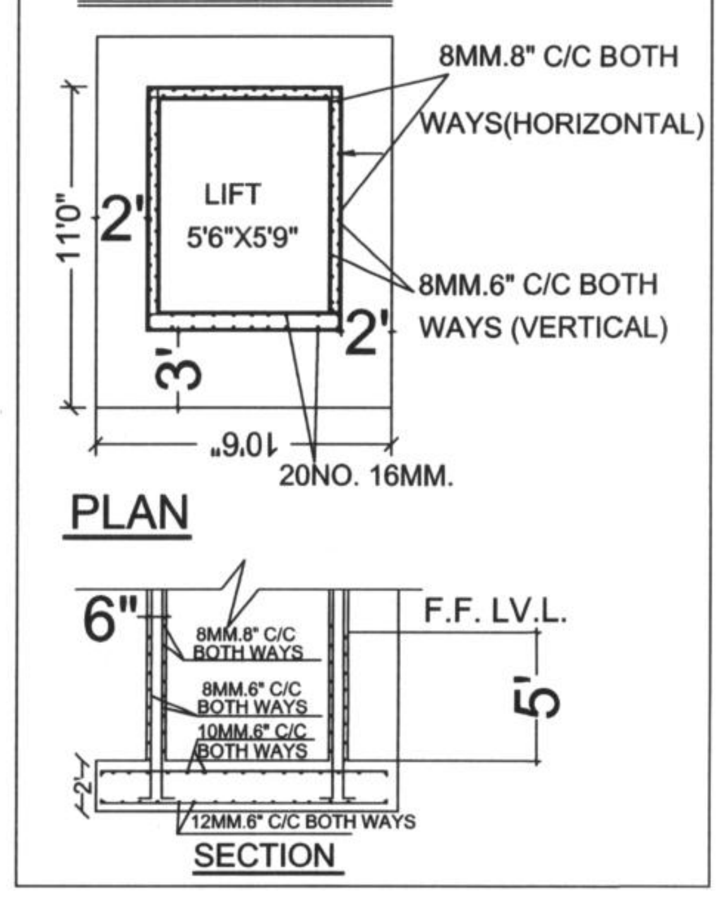


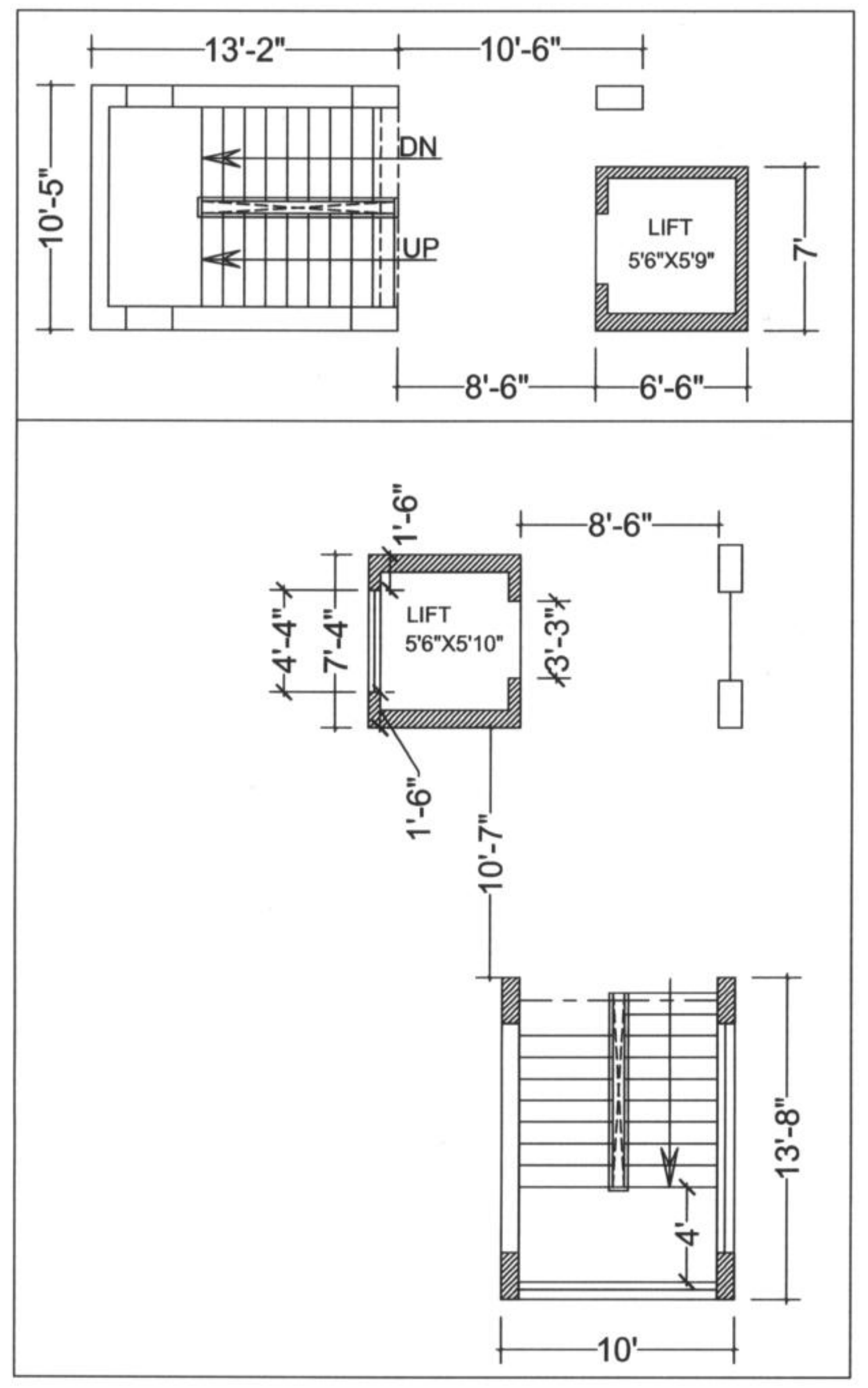
PLINTH BEAM DETAIL

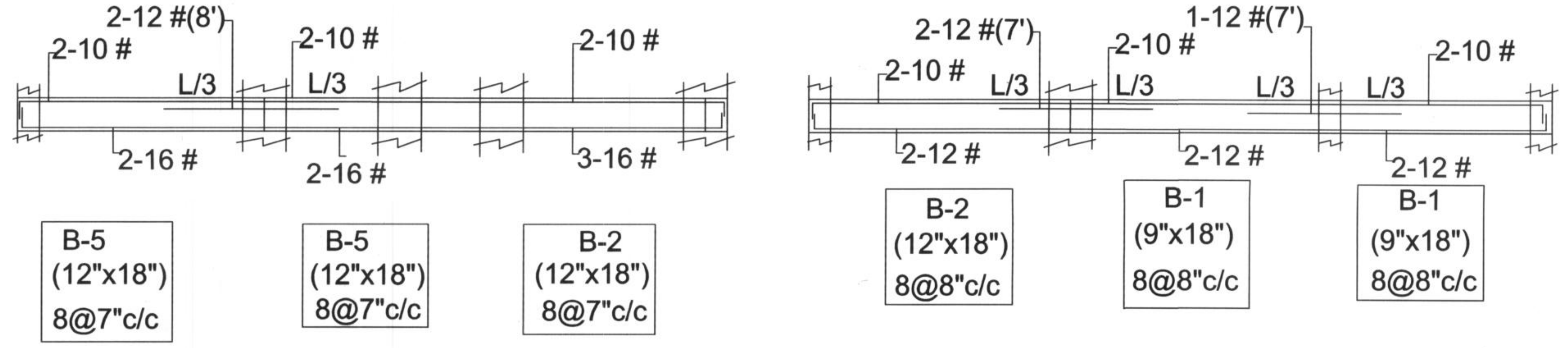
SHEET NO.[1]

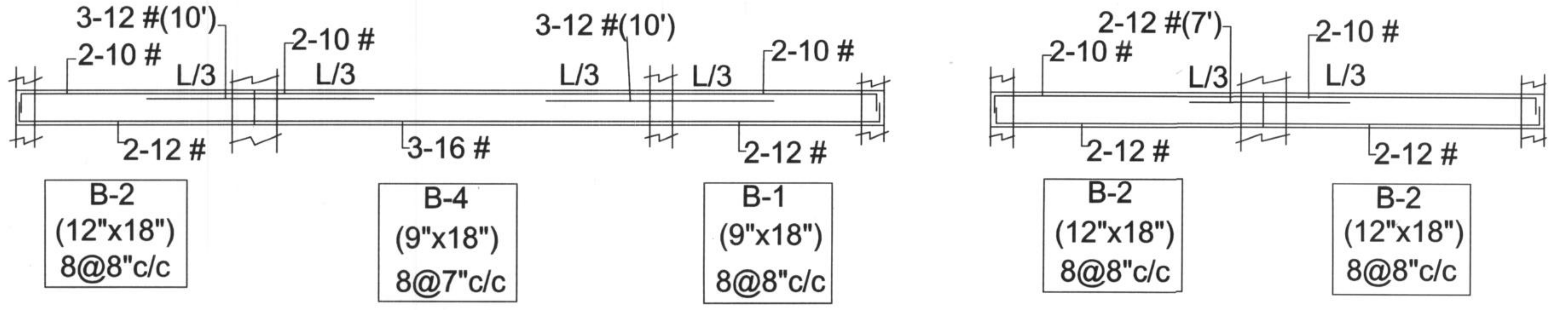
S.N0.	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS	EFECTIVE SPAN
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT			
1	B1	9"X18"	2-12 ℝ	–	2-10 ℝ		1-12ℝ(7') B1 - B2,B2	8ℝe8"C/C	USE MIX M20 G	
2	B2	12"X18"	2-12 ℝ	–	2-10 ℝ	–	2-12ℝ(7') B2 - B2,B1	8ℝe8"C/C	USE MIX M20 G AT MID .	
3	B3	12"X18"	3-16 ℝ	–	2-10 ℝ	1-12ℝ(4')	3-12ℝ(10') B3 - B2/B1	8ℝe7"C/C	USE MIX M20 G AT MID .	
4	B4	9"X18"	3-16 ℝ	–	2-10 ℝ	1-12ℝ(4')	3-12ℝ(10') B4 -B2/B1	8ℝe7"C/C	USE MIX M20 G	
5	B5	12"X18"	2-16 ℝ OR 3-12 ℝ	–	2-10 ℝ		2-12ℝ (8') B5 -B5/B2	8ℝe7"C/C	USE MIX M20 G	
6	B6	9"X18"	2-16 ℝ OR 3-12 ℝ	–	2-10 ℝ			8ℝe7"C/C	USE MIX M20 G AT MID .	
7	B7	6"X12"	2-20 ℝ	–	2-10 ℝ			8ℝe8"C/C	USE MIX M20 G	

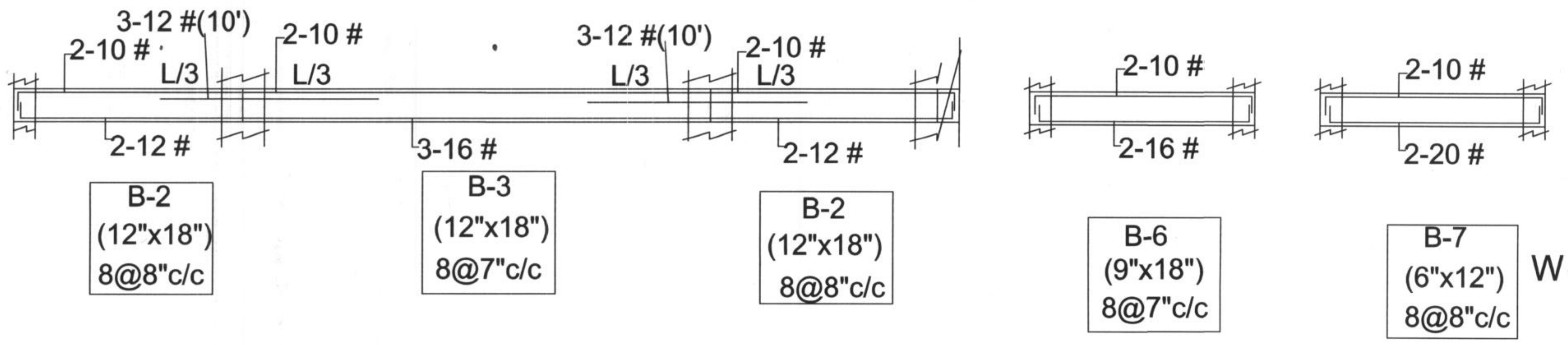
LIFT DETAIL

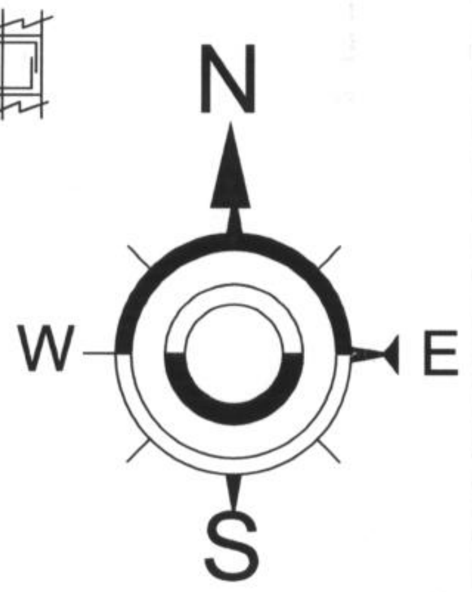












LIFT WALL ,STAIRCASE & PLINTH BEAM DETAIL

SPECIFICATIONS/NOTES:-

1. ALL DIMENSIONS ARE IN FEET & INCHES,EXCEPT BAR DIAMETER.BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ALL CONCRETE MIX. SHALL BE M-20. IF NOT SPECIFIED.
4. ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY.WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM
5. USE M-20 GRADE CONE & STEEL HYSD FE-500
6. CHANGE MUST BE DONE AFTER DESIGNER APPROVAL
7. CLEAR COVER TO BARS SHALL BE AS UNDER
   SLAB:- 20MM, BEAM :- 25MM , COLUMN:- 40MM, WALL :- 30MM
   RAFT :- 50 MM
8. 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 & IS : 456 .
13. S.B.C. CONSIDERED 20 TONE/M2 (AS PER SOIL TESTING REPORT)
12. THE BUILDING LOADS ARE CONSIDERED FROM IS:875 PART (I,II) & IS: 1893

RESIDENTIAL FLATS PLAN FOR
SAMBHAVNATH COMPLEX LIMITED
DIRECTOR SHRI ROSHAN LAL
S/O SHRI BHERU LAL JAIN (NAGDA)
AT PLOT NO. 1. KH.NO. 208,209,
TO 220,222 TO 224,226,228 TO 230
REVENUE VILLAGE SAVINA KHEDA
UDAIPUR (RAJ.)

BUILDING APPROVAL THROUGH
U.I.T. UDAIPUR LETTER NO.
F-7 ( )/UIT/B-PLAN/MISC/2012/3652
DATE :-30/10/2013
F-7 ( )/UIT/B-PLAN/MISC/2016/3661
DATE :-28/07/2017
1st STILT + 2nd STILT + G + 9th FLOOR

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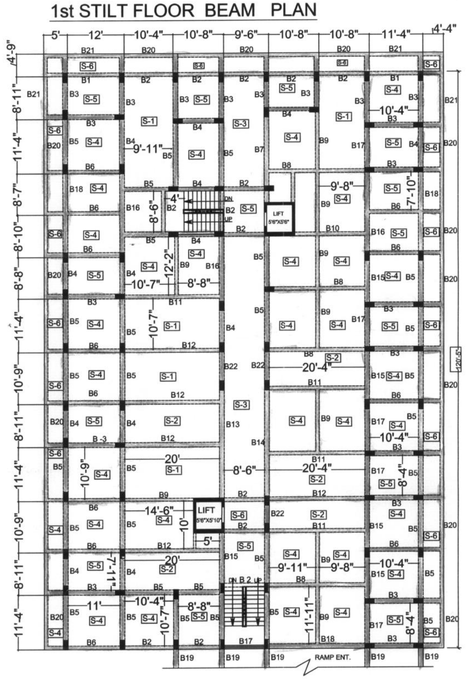
1st STILT FLOOR BEAM PLAN



SLAB DETAIL

S-1 10 #@ 5"C\C 8 #@ 8"C\C
S-2 10 #@ 7"C\C 8 #@ 8"C\C
S-3 10 #@ 7"C\C 8 #@ 8"C\C
S-4 10 #@ 6"C\C 8 #@ 7"C\C
S-5 10 #@ 7"C\C 8 #@ 7"C\C
S-6 8 #@7"C\C 8 #@ 8"C\C

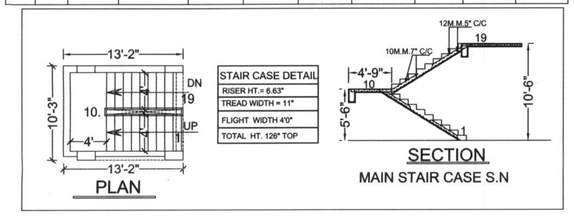
BEAM SIZE

- 12"X30" (24"+6"SLAB TH.)
- 12"X18" (12"+6"SLAB TH.)
- 9"X24" (18"+6"SLAB TH.)
- 12"X24" (18"+6"SLAB TH.)
- 9"X18" (12"+6"SLAB TH.)

1st STILT FLOOR BEAM DETAIL

SHEET NO.[1]

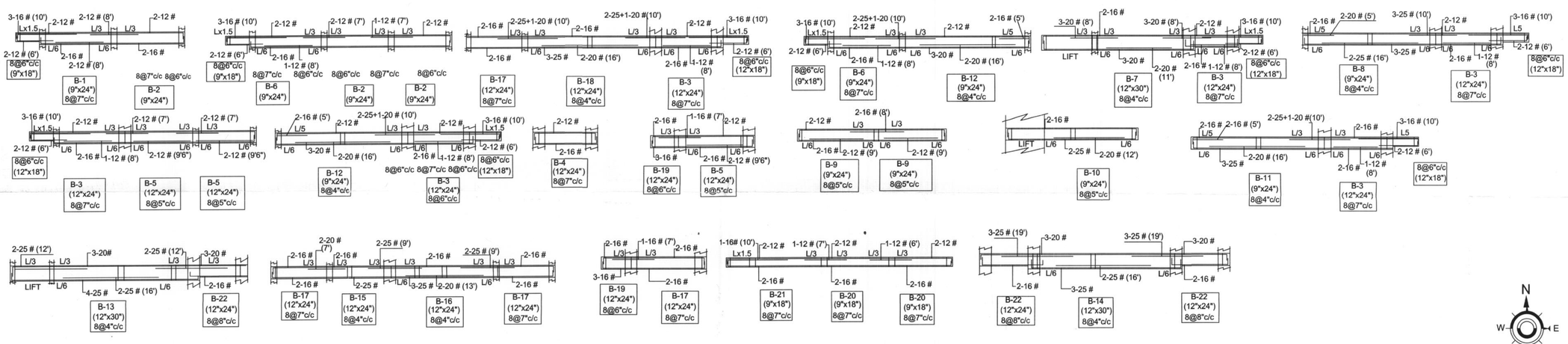
S.NO.	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS	EFECTIVE SPAN
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT			
1	B1	9"X24"	2-16 ℞	2-12 ℞ (8'0")	2-12 ℞	3-16(t) (10') 8℞e6"C/C 2-12(b) Dr.	2-12℞(8') B1 - B2	8℞e6"C/C 8℞e7"C/C	USE MIX M20 G AT MID .	
2	B2	9"X24"	2-16 ℞	–	2-12 ℞	–	2-12℞(7') B2 - B2	8℞e6"C/C 8℞e7"C/C	USE MIX M20 G AT MID .	
3	B3	12"X24"	2-16 ℞	1-12 ℞ (8'0")	2-12 ℞	3-16(10') 8℞e6"C/C 2-12(6)	2-12℞(7') B3 - B5	8℞e6"C/C 8℞e7"C/C	USE MIX M20 G AT MID .	
4	B4	12"X24"	2-16 ℞	–	2-12 ℞			8℞e7"C/C	USE MIX M20 G	
5	B5	12"X24"	2-16 ℞	2-12 ℞ (9'6")	2-12 ℞		2-12℞(7') B5 - B5	8℞e5"C/C	USE MIX M20 G	
6	B6	9"X24"	2-16 ℞	1-12 ℞ (8'0")	2-12 ℞	3-16(10') 8℞e6"C/C 2-12(6)	2-12℞(7') B6 - B2	8℞e6"C/C 8℞e7"C/C	USE MIX M20 G AT MID .	
7	B7	12"X30"	3-20 ℞	2-20 ℞ (11'0")	2-16 ℞	3-20℞(8') B7-B3/LIFT		8℞e4"C/C	USE MIX M20 G	
8	B8	9"X24"	3-25 ℞	2-25 ℞ (16'0")	2-16 ℞	2-20℞(5')	3-25℞(10') B8 - B3	8℞e4"C/C	USE MIX M20 G	
9	B9	9"X24"	2-16 ℞	2-12 ℞ (9'0")	2-12 ℞	2-16℞(8') B9 - B9		8℞e5"C/C	USE MIX M20 G	
10	B10	9"X24"	2-25 ℞	2-20 ℞ (12'0")	2-16 ℞	–		8℞e5"C/C	USE MIX M20 G	

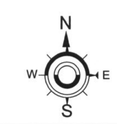


1st STILT FLOOR BEAM DETAIL

SHEET NO.[2]

S.NO.	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS	EFECTIVE SPAN
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT			
11	B11	9"X24"	3-25 ℞	2-20 ℞ (16'0")	2-16 ℞	2-16℞(5')	2-25℞+1-20 (10') B11 - B3	8℞e4"C/C	USE MIX M20 G	
12	B12	9"X24"	3-20 ℞	2-20 ℞ (16'0")	2-12 ℞	2-16 (5')	2-25℞+1-20 (10') B12 -B6/B3	8℞e4"C/C	USE MIX M20 G	
13	B13	12"X30"	4-25 ℞	2-25 ℞ (16'0")	3-20 ℞	–	2-25℞(12') B13 - B22	8℞e4"C/C	USE MIX M20 G	
14	B14	12"X30"	3-25 ℞	2-25 ℞ (16'0")	3-20 ℞	–	2-25 ℞ (19') B14 - B22	8℞e4"C/C	USE MIX M20 G	
15	B15	12"X24"	4-16 ℞ or 2-25 ℞	–	2-16 ℞	–	2-20 ℞ (7') B15 - B17	8℞e4"C/C	USE MIX M20 G	
16	B16	12"X24"	3-25 ℞	2-20 ℞ (13'0")	2-16 ℞	–	2-25 ℞(9') B16 -B15/17	8℞e4"C/C	USE MIX M20 G	
17	B17	12"X24"	2-16 ℞	–	2-16 ℞	–		8℞e7"C/C	USE MIX M20 G	
18	B18	12"X24"	3-25 ℞	2-20 ℞ (16'0")	2-16 ℞	–	2-25℞+1-20 (10') B18 -B3/B17	8℞e4"C/C	USE MIX M20 G	
19	B19	12"X24"	3-16 ℞	–	2-16 ℞	–	1-16 ℞(7') B17 -B19/B5	8℞e6"C/C	USE MIX M20 G	
20	B20	9"X18"	2-16 ℞	–	2-12 ℞	–	1-12 ℞(6') B20 - B20	8℞e7"C/C	USE MIX M20 G	
21	B21	9"X18"	2-16 ℞	–	2-12 ℞	1-16 ℞(10') BR - TOP	1-12 ℞(7') B21 - B20	8℞e7"C/C	USE MIX M20 G	
22	B22	12"X24"	2-16 ℞	–	3-20 ℞			8℞e8"C/C	USE MIX M20 G	





BLOCK- B SHEET NO - 04

1ST STILT SLAB & BEAM DETAIL & STAIR CASE DETAIL

SPECIFICATIONS/NOTES:-

1. ALL DIMENSIONS ARE IN FEET & INCHES,EXCEPT BAR DIAMETER.BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ALL CONCRETE MIX. SHALL BE M-20. IF NOT SPECIFIED.
4. ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY.WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM
5. USE M-20 GRADE CONE & STEEL HYSD FE-500
6. CHANGE MUST BE DONE AFTER DESIGNER APPROVAL
7. CLEAR COVER TO BARS SHALL BE AS UNDER
   SLAB:- 20MM, BEAM :- 25MM , COLUMN:- 40MM, WALL :- 30MM
   RAFT :- 50 MM
8. 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: 1893 & IS : 456 .
13. S.B.C. CONSIDERED 25 TONE/M2

RESIDENTIAL FLATS PLAN FOR
SAMBHAVNATH COMPLEX LIMITED
DIRECTOR SHRI ROSHAN LAL
S/O SHRI BHERU LAL JAIN (NAGDA)
AT PLOT NO. 1. KH.NO. 208,209,
TO 220,222 TO 224,226,228 TO 230
REVENUE VILLAGE SAVINA KHEDA
UDAIPUR (RAJ.)

BUILDING APPROVAL THROUGH
U.I.T. UDAIPUR LETTER NO.
F-7 ( )/UIT/B-PLAN/MISC/2012/3652
DATE :-30/10/2013
F-7 ( )/UIT/B-PLAN/MISC/2016/3661
DATE :-28/07/2017
1st STILT + 2nd STILT + G + 9th FLOOR

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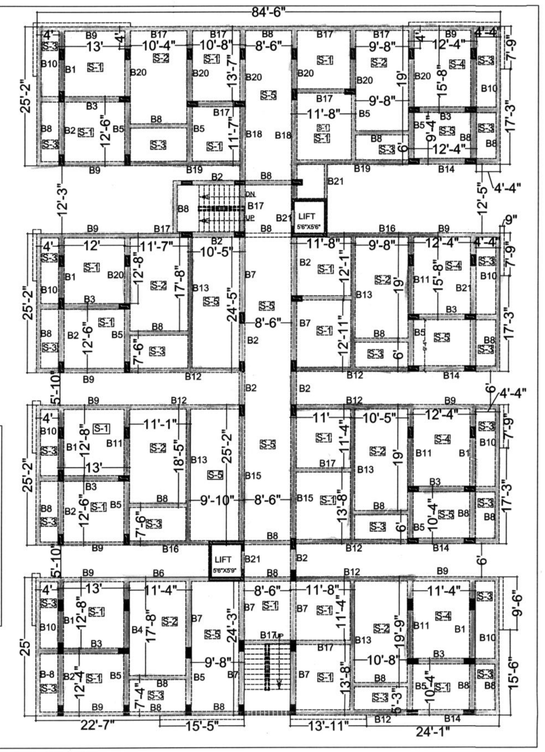


SLAB DETAIL

S-1=	10 #@ 7"C/C 8 #@ 7"C/C
S-2=	10 #@ 5"C/C 8 #@ 8"C/C
S-3=	8 #@ 7"C/C 8 #@ 9"C/C
S-4=	10 #@ 6"C/C 8 #@ 7"C/C
S-5=	8 #@ 6"C/C 8 #@ 9"C/C

BEAM SIZE :-

- 12"X29" (24"+5"SLAB TH.)
- 12"X23" (18"+5"SLAB TH.)
- 9"X29" (24"+5"SLAB TH.)
- 12"X17" (12"+5"SLAB TH.)
- 9"X17" (12"+5"SLAB TH.)
- 9"X23" (18"+5"SLAB TH.)
- 6"X29" (24"+5"SLAB TH.)

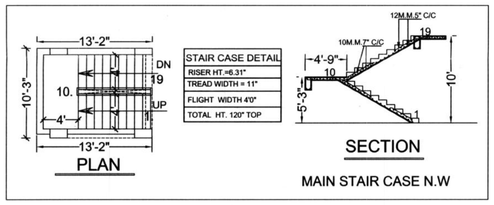
TYPICAL FLOOR BEAM PLAN

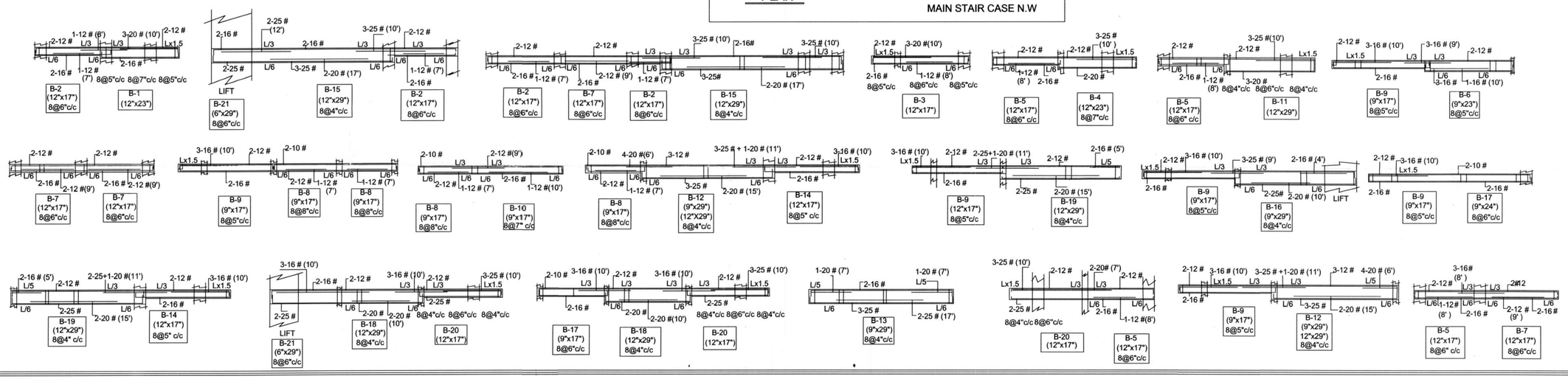
TYPICAL FLOOR BEAM DETAIL — SHEET NO.[1]

S.NO.	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT: THROUGH OUT BARS	BOTTOM REINFORCEMENT: EXTRA AT MID SPAN	TOP REINFORCEMENT: THROUGH OUT BARS	TOP REINFORCEMENT: EXTRA AT SUPPORT	TOP REINFORCEMENT: EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
1	B1	12"X23"	2-16 ℞	–	2-12 ℞	3-20 ℞ (10') br.top	1-12℞(8') B1 - B2	8℞e5"C/C 8℞e7"C/C	USE MIX M20 G AT MID .	
2	B2	12"X17"	2-16 ℞	1-12 ℞ (7'0")	2-12 ℞	–		8℞e6"C/C	USE MIX M20 G AT MID .	
3	B3	12"X17"	2-16 ℞	1-12 ℞ (8'0")	2-12 ℞	3-20 ℞(10') br.top		8℞e5"C/C 8℞e6"C/C	USE MIX M20 G AT MID .	
4	B4	12"X23"	2-20 ℞	–	2-12 ℞	3-25 ℞(10') br.top		8℞e5"C/C 8℞e7"C/C	USE MIX M20 G	
5	B5	12"X17"	2-16 ℞	1-12 ℞ (8'0")	2-12 ℞	–	3-16℞(8') B5 - B7	8℞e6"C/C	USE MIX M20 G	
6	B6	9"X23"	3-16 ℞	1-16 ℞ (10'0")	2-12 ℞	–	3-16℞(9') B6 - B9	8℞e5"C/C	USE MIX M20 G AT MID .	
7	B7	12"X17"	2-16 ℞	2-12 ℞ (9'0")	2-12 ℞	–		8℞e6"C/C	USE MIX M20 G	
8	B8	9"X17"	2-12 ℞	1-12 ℞ (7'0")	2-10 ℞	–		8℞e8"C/C	USE MIX M20 G	
9	B9	9"X17"	2-16 ℞		2-12 ℞	3-16 ℞(10') br.top		8℞e5"C/C	USE MIX M20 G	
10	B10	9"X17"	2-16 ℞	1-12 ℞ (10'0")	2-10 ℞		2-12℞(9') B10 - B8	8℞e7"C/C	USE MIX M20 G	

TYPICAL FLOOR BEAM DETAIL — SHEET NO.[2]

S.NO.	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT: THROUGH OUT BARS	BOTTOM REINFORCEMENT: EXTRA AT MID SPAN	TOP REINFORCEMENT: THROUGH OUT BARS	TOP REINFORCEMENT: EXTRA AT SUPPORT	TOP REINFORCEMENT: EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
11	B11	12"X29"	3-20 ℞		2-12 ℞	3-25 ℞(10')		8℞e4"C/C 8℞e6"C/C	br.top USE MIX M20 G	
12	B12	12"X29" 9"X29"	3-25 ℞	2-20 ℞ (15'0")	3-12 ℞	4-20 ℞(6')	3-25+1-20(11') B12 -B14/B9	8℞e4"C/C	USE MIX M20 G	
13	B13	9"X29"	3-25 ℞	2-25 ℞ (17'0")	2-16 ℞	1-20℞(7')		8℞e4"C/C	USE MIX M20 G	
14	B14	12"X17"	2-16 ℞		2-12 ℞	3-16℞(10')		8℞e5"C/C	USE MIX M20 G	
15	B15	12"X29"	3-25 ℞	2-20 ℞ (17'0")	2-16 ℞	–	3-25 ℞(10') B15 - B2	8℞e4"C/C	USE MIX M20 G	
16	B16	9"X29"	2-25 ℞	2-20 ℞ (10'0")	2-12 ℞	2-16℞(4')	3-25 ℞(9') B16 - B9	8℞e4"C/C	USE MIX M20 G	
17	B17	9"X17"	2-16 ℞	–	2-10 ℞	–		8℞e6"C/C	USE MIX M20 G	
18	B18	12"X29"	2-20 ℞	2-20 ℞ (10'0")	2-12 ℞	–	3-16 ℞(10') B18 B17/21	8℞e4"C/C	USE MIX M20 G	
19	B19	12"X29"	2-25 ℞	2-20 ℞ (15'0")	2-12 ℞	2-16℞(5')	2-25+1-20(11') B19 - B14/9	8℞e4"C/C	USE MIX M20 G	
20	B20	12"X17"	2-25 ℞	–	2-12 ℞	3-25℞(10')	2-20 ℞(7') B20 - B5	8℞e4"C/C 8℞e6"C/C	USE MIX M20 G	
21	B21	6"X29"	2-25 ℞	–	2-16 ℞		2-25℞(12') B15 - B21	8℞e6"C/C	USE MIX M20 G	





N
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S

BLOCK- B | SHEET NO - 06

TYPICAL FLOOR SLAB & BEAM DETAIL
STAIR CASE DETAIL

SPECIFICATIONS/NOTES:-

1. ALL DIMENSIONS ARE IN FEET & INCHES,EXCEPT BAR DIAMETER.BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ALL CONCRETE MIX. SHALL BE M-20, IF NOT SPECIFIED.
4. ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY.WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM
5. USE M-20 GRADE CONE & STEEL HYSD FE-500
6. CHANGE MUST BE DONE AFTER DESIGNER APPROVAL
7. CLEAR COVER TO BARS SHALL BE AS UNDER
   SLAB:- 20MM, BEAM :- 25MM , COLUMN:- 40MM, WALL :- 30MM
   RAFT :- 50 MM
8. 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: 1893
13. S.B.C. CONSIDERED 25 TONE/M2

RESIDENTIAL FLATS PLAN FOR SAMBHAVNATH COMPLEX LIMITED
DIRECTOR SHRI ROSHAN LAL
S/O SHRI BHERU LAL JAIN (NAGDA)
AT PLOT NO. 1. KH.NO. 208,209,
TO 220,222 TO 224,226,228 TO 230
REVENUE VILLAGE SAVINA KHEDA
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BUILDING APPROVAL THROUGH
U.I.T. UDAIPUR LETTER NO.
F-7 ( )/UIT/B-PLAN/MISC/2012/3652
DATE :-30/10/2013
F-7 ( )/UIT/B-PLAN/MISC/2016/3661
DATE :-28/07/2017
1st STILT + 2nd STILT + G + 9th FLOOR

UPENDRA TATER
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Panel Architect Govt. of Rajasthan,
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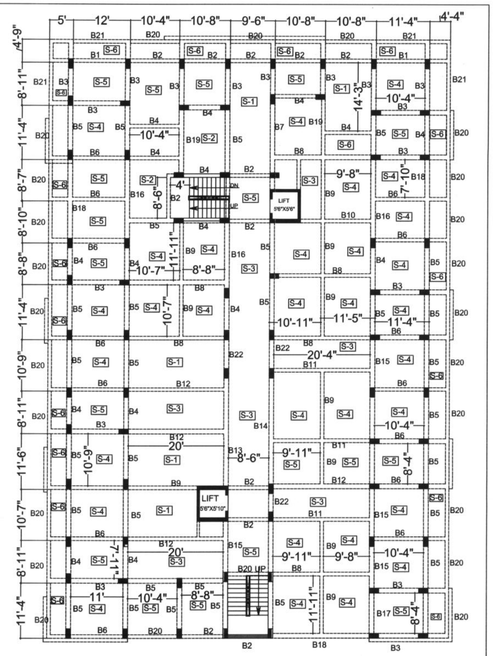
SLAB DETAILS
SLAB TH.5"

S-1= 10 #@ 5.5"C/C 8 #@ 8"C/C
S-2= 10 #@ 6.5"C/C 8 #@ 8"C/C
S-3= 10 #@ 7"C/C 8 #@ 8"C/C
S-4= 10 #@ 6"C/C 8 #@ 7"C/C
S-5= 10 #@ 7"C/C 8 # @ 7"C/C
S-6 = 8 #@ 7"C/C 8 #@ 8"C/C

BEAM SIZE
- 12"X29" (24"+5"SLAB TH.)
- 12"X23" (18"+5"SLAB TH.)
- 12"X17" (12"+5"SLAB TH.)
- 9"X23" (18"+5"SLAB TH.)
- 9"X17" (12"+5"SLAB TH.)
- 6"X29" (24"+5"SLAB TH.)

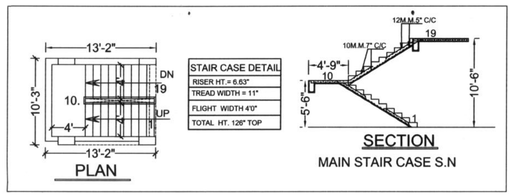


2 nd STILT FLOOR BEAM PLAN

2 nd STILT FLOOR BEAM DETAIL

SHEET NO.[1]

S.NO.	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT: THROUGH OUT BARS	BOTTOM REINFORCEMENT: EXTRA AT MID SPAN	TOP REINFORCEMENT: THROUGH OUT BARS	TOP REINFORCEMENT: EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
1	B1	9"X23"	2-16 ℞		2-10 ℞	3-16℞(10') 8℞ø6"C/C 2-12℞(b)	2-12℞(8') B1 - B2	8℞ø7"C/C	USE MIX M20 G	
2	B2	9"X23"	2-16 ℞	–	2-10 ℞	–	2-12℞(7') B2 - B2	8℞ø8"C/C	USE MIX M20 G AT MID.	
3	B3	12"X23"	2-16 ℞	1-12 ℞ (8'0")	2-12 ℞	3-16℞(10') 8℞ø6"C/C 2-12℞(6)	2-12℞(7') B3 - B5	8℞ø7"C/C	USE MIX M20 G AT MID.	
4	B4	12"X23"	2-16 ℞ 3-16 ℞	–	2-10 ℞		2-25℞(9') B4 - B16	8℞ø8"C/C	USE MIX M20 G	
5	B5	12"X23"	2-16 ℞	1-12 ℞ (9'6")	2-12 ℞		2-12℞(7') B5 - B5	8℞ø6"C/C	USE MIX M20 G	
6	B6	9"X23"	2-16 ℞	1-12 ℞ (8'0")	2-12 ℞	3-16℞(10') 8℞ø6"C/C 2-12℞(6)	2-12℞(7') B6 - B2	8℞ø7"C/C	USE MIX M20 G AT MID.	
7	B7	12"X29"	3-20 ℞	2-20 ℞ (11'0")	2-16 ℞	3-20℞(8') B7 - B3		8℞ø4"C/C	USE MIX M20 G	
8	B8	9"X23"	3-25 ℞	2-20 ℞ (16'0")	2-16 ℞	2-16℞(5')	3-25℞(10') B8 - B3	8℞ø4"C/C	USE MIX M20 G	
9	B9	9"X23"	2-16 ℞	1-12 ℞ (9'0")	2-12 ℞	2-12℞(8') B9 - B9		8℞ø5"C/C 8℞ø6"C/C	USE MIX M20 G	
10	B10	9"X23"	2-25 ℞	2-16 ℞ (12'0")	2-12 ℞	1-16℞(4')		8℞ø5"C/C	USE MIX M20 G	



2 nd STILT FLOOR BEAM DETAIL

SHEET NO.[2]

S.NO.	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT: THROUGH OUT BARS	BOTTOM REINFORCEMENT: EXTRA AT MID SPAN	TOP REINFORCEMENT: THROUGH OUT BARS	TOP REINFORCEMENT: EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
11	B11	9"X23"	2-25 ℞ OR 3-20 ℞	2-20 ℞ (16'0")	2-16 ℞	2-12℞(5')	2-25℞(10') B11 - B6	8℞ø4"C/C 8℞ø5"C/C	USE MIX M20 G	
12	B12	9"X23"	3-20 ℞	2-16 ℞ (16'0")	2-16 ℞	1-16℞(5')	2-25 ℞ (10') B12 -B6/B3	8℞ø4"C/C 8℞ø5"C/C	USE MIX M20 G	
13	B13	12"X29"	4-25 ℞	2-25 ℞ (16'0")	3-20 ℞	–	2-25℞(12') B13 - B22	8℞ø4"C/C	USE MIX M20 G	
14	B14	12"X29"	3-25 ℞	2-25 ℞ (16'0")	2-20 ℞	–	2-25℞(12') B14 - B22	8℞ø4"C/C	USE MIX M20 G	
15	B15	12"X23"	4-16 ℞ or 2-25 ℞	–	2-16 ℞	–	2-20℞(7') B15 - B5	8℞ø4"C/C	USE MIX M20 G	
16	B16	12"X23"	3-25 ℞	2-16 ℞ (13'0")	2-16 ℞	–	2-25℞(9') B16 -B15/17	8℞ø4"C/C	USE MIX M20 G	
17	B17	12"X23"	2-16 ℞	–	2-16 ℞	–		8℞ø7"C/C	USE MIX M20 G	
18	B18	12"X23"	3-20 ℞	2-16 ℞ (16'0")	2-12 ℞	–	3-20℞(10') B18 -B3/B4	8℞ø4"C/C 8℞ø5"C/C	USE MIX M20 G	
19	B19	12"X23"	3-20 ℞	–	2-12 ℞	–	2-16℞(8') B19 - B3	8℞ø5"C/C	USE MIX M20 G	
20	B20	9"X17"	3-12 ℞ OR 2-16 ℞	–	2-10 ℞	–	1-12 ℞(6') B20 - B20	8℞ø7"C/C	USE MIX M20 G	
21	B21	9"X17"	2-16 ℞ OR 3-12 ℞	–	2-10 ℞	2-16℞(10')	1-12 ℞(7') B21 - B20	8℞ø7"C/C	USE MIX M20 G	
22	B22	12"X23"	2-16 ℞	–	3-20 ℞			8℞ø8"C/C	USE MIX M20 G	

BLOCK- B SHEET NO - 05

2ND STILT SLAB & BEAM DETAIL STAIR CASE DETAIL

SPECIFICATIONS/NOTES:-

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2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ALL CONCRETE MIX. SHALL BE M-20. IF NOT SPECIFIED.
4. ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY.WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM
5. USE M-20 GRADE CONE & STEEL HYSD FE-500
6. CHANGE MUST BE DONE AFTER DESIGNER APPROVAL
7. CLEAR COVER TO BARS SHALL BE AS UNDER
   SLAB:- 20MM, BEAM :- 25MM , COLUMN:- 40MM, WALL :- 30MM
   RAFT :- 50 MM
8. 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: 1893 & IS : 456 .
13. S.B.C. CONSIDERED 25 TONE/M2

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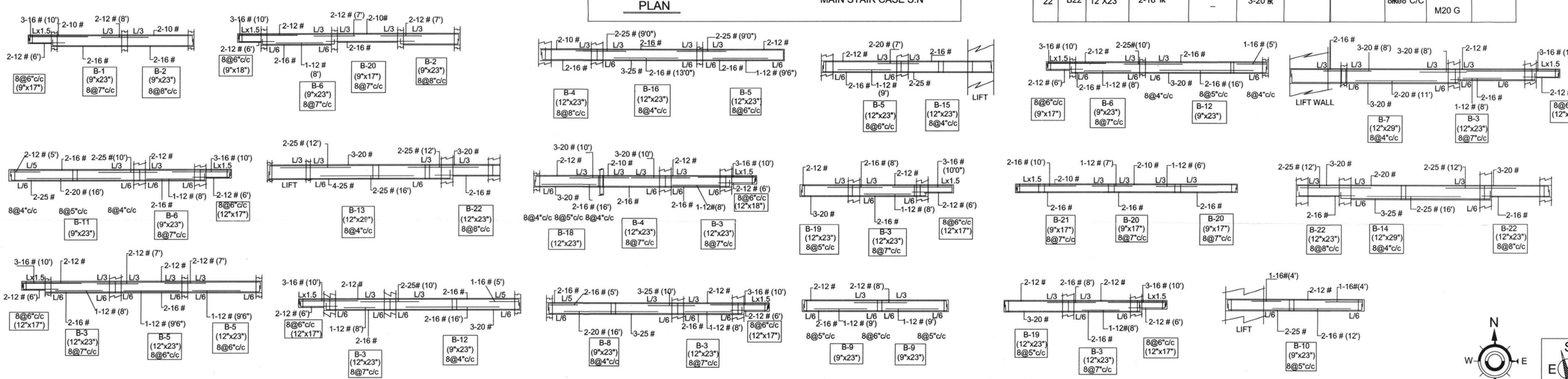

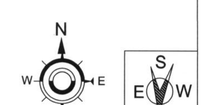

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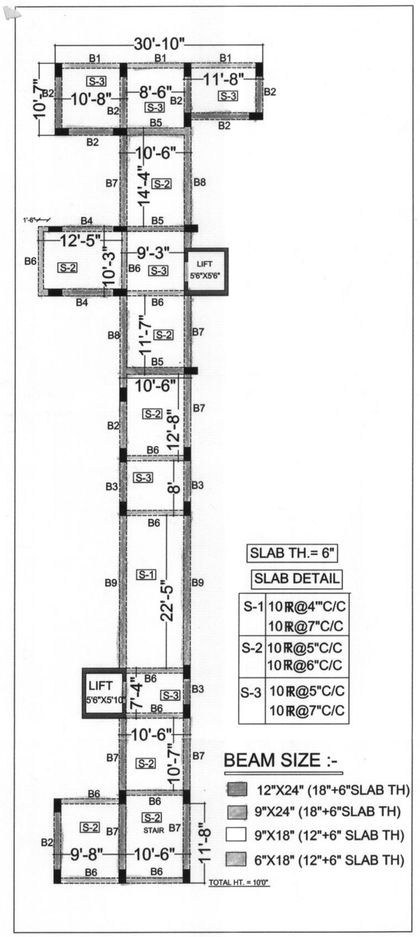


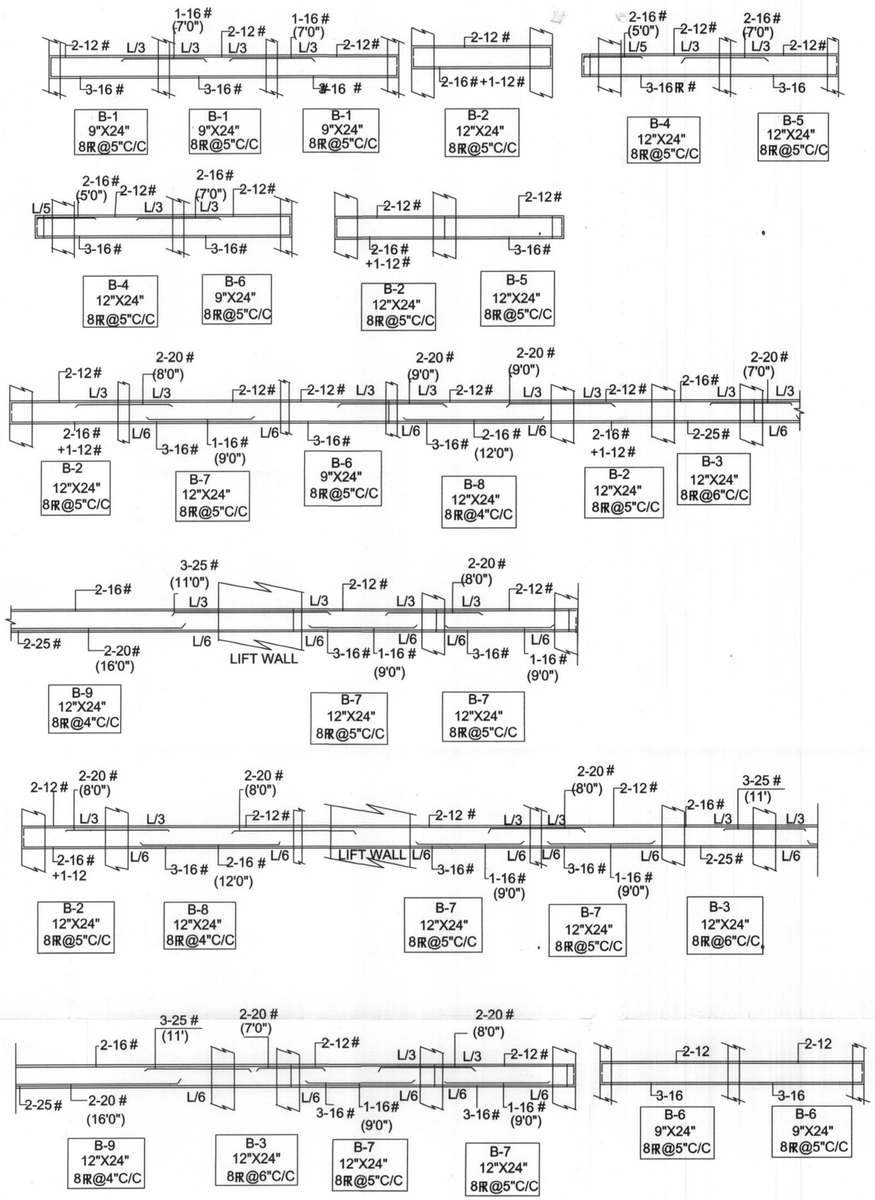
SLAB TH.= 6"

SLAB DETAIL

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

BEAM SIZE :-

- 12"X24" (18"+6"SLAB TH)
- 9"X24" (18"+6"SLAB TH)
- 9"X18" (12"+6" SLAB TH)
- 6"X18" (12"+6" SLAB TH)



MUMTY BEAM DETAIL

SHEET NO.[1]

S.NO.	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS	EFECTIVE SPAN
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT			
1	B1	9"X24"	3-16 ℝ	——	2-12 ℝ	——	1-16ℝ (7') B1 - B1	8ℝ@5"C/C	USE MIX M20 G	
2	B2	12"X24"	2-16 ℝ + 1-12 ℝ	——	2-12 ℝ	——	2-20ℝ (8') B2 - B8	8ℝ@5"C/C	USE MIX M20 G	
3	B3	12"X24"	2-25 ℝ	——	2-16 ℝ	——	2-20ℝ (7') B3 - B9	8ℝ@6"C/C	USE MIX M20 G	
4	B4	12"X24"	3-16 ℝ	——	2-12 ℝ	2-16 ℝ (5'0")	2-16ℝ (7') B4 - B5	8ℝ@5"C/C	USE MIX M20 G	
5	B5	12"X24"	3-16 ℝ	——	2-12 ℝ	——	——	8ℝ@5"C/C	USE MIX M20 G	
6	B6	9"X24"	3-16 ℝ	——	2-12 ℝ	——	2-16ℝ (7') B4 - B6	8ℝ@5"C/C	USE MIX M20 G	
7	B7	12"X24"	3-16 ℝ	1-16 ℝ (9'0")	2-12 ℝ	——	2-20ℝ (8') B7 - B7/2/3	8ℝ@5"C/C	USE MIX M20 G	
8	B8	12"X24"	3-16 ℝ	2-16 ℝ (12'0")	2-12 ℝ	——	2-20ℝ (9') B8 - B6/2	8ℝ@4"C/C	USE MIX M20 G	
9	B9	12"X24"	2-25 ℝ	2-20 ℝ (16'0")	2-16 ℝ	——	3-25ℝ (11') B9 - B3/ LIFT	8ℝ@4"C/C	USE MIX M20 G	
10	B10	9"X24"	2-16 ℝ	——	3-16 ℝ	——	——	8ℝ@6"C/C	USE MIX M20 G	
11	B11	6"X18"	2-16 ℝ	——	2-16 ℝ	——	——	8ℝ@6"C/C	USE MIX M20 G	

BLOCK- B | SHEET NO - 07

TERRACE FLOOR
SLAB & BEAM DETAIL

SPECIFICATIONS/NOTES:-

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2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ALL CONCRETE MIX. SHALL BE M-20. IF NOT SPECIFIED.
4. ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY.WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM
5. USE M-20 GRADE CONE & STEEL HYSD FE-500
6. CHANGE MUST BE DONE AFTER DESIGNER APPROVAL
7. CLEAR COVER TO BARS SHALL BE AS UNDER
   SLAB:- 20MM, BEAM :- 25MM , COLUMN:- 40MM, WALL :- 30MM
   RAFT :- 50 MM
8. 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
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   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: 1893
13. S.B.C. CONSIDERED 25 TONE/M2

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N
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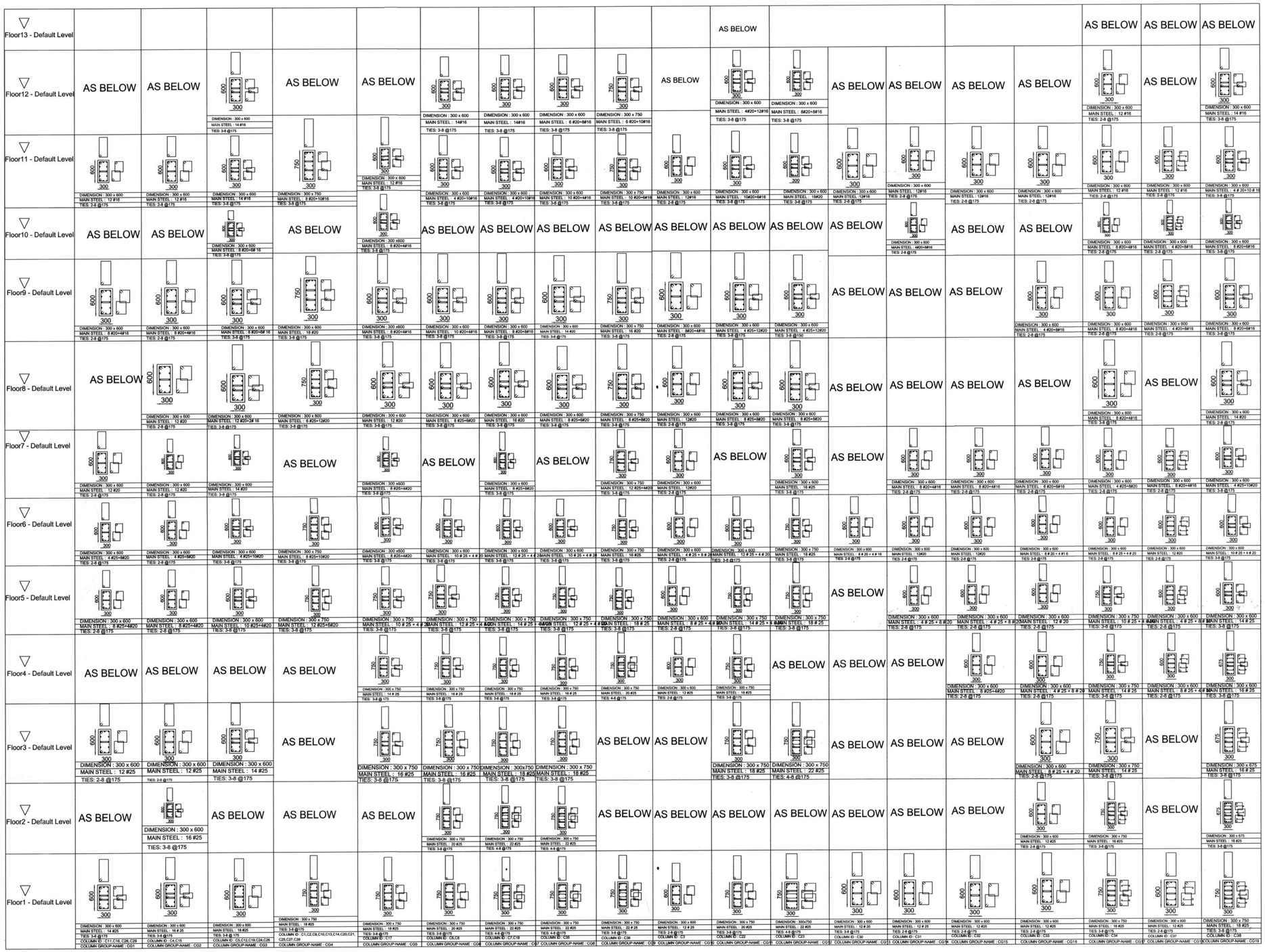

COLUMN SCHEDULE FLOOR WISE

BLOCK- D | SHEET NO - 01

COLUMN DETAIL

SPECIFICATIONS/NOTES:-

1. ALL DIMENSIONS ARE IN MM ,EXCEPT BAR DIAMETER.BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
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DATE :- 28/07/2017
1st STILT + 2 nd STILT +GROUND + NINTH FLOOR

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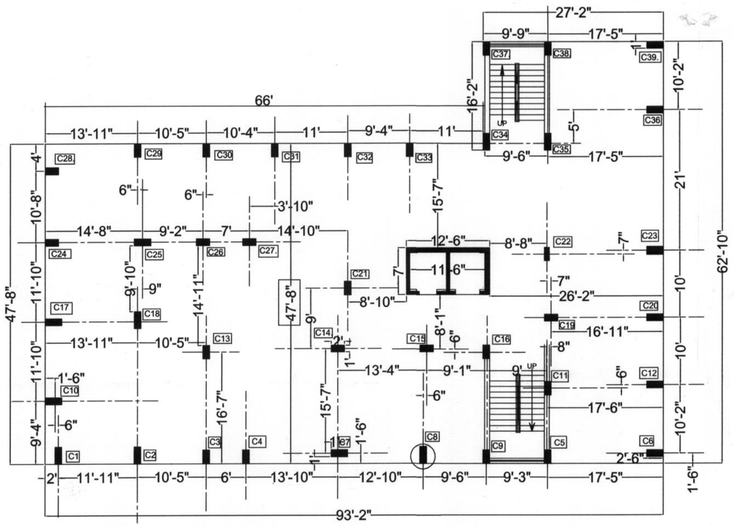
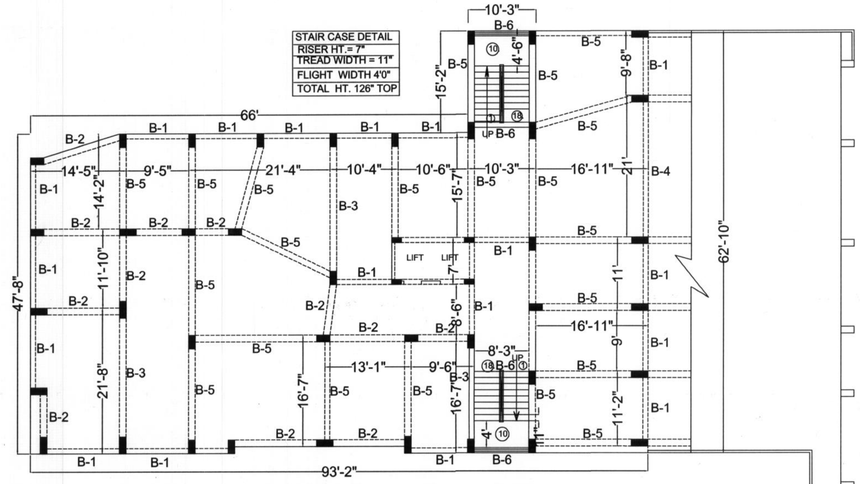
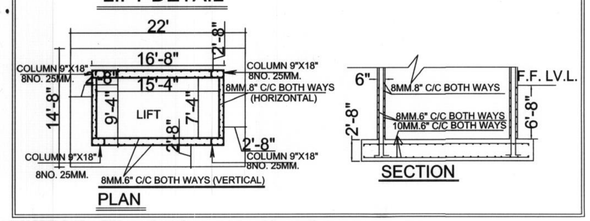


CENTER LINE PLAN



PLENTH BEAM AND SLAB DETAIL

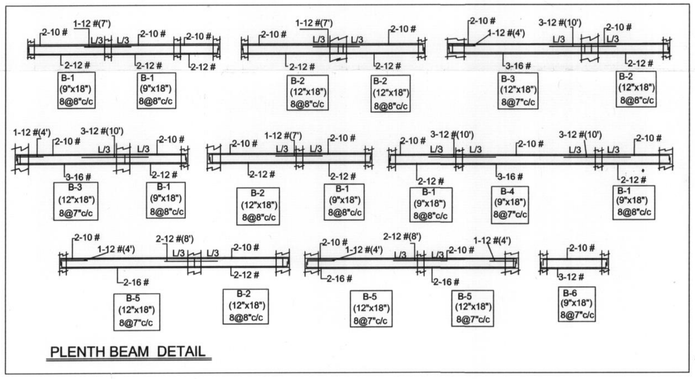
LIFT DETAIL



PLINTH BEAM DETAIL

SHEET NO.[1]

S.NO	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT THROUGH OUT BARS	BOTTOM REINFORCEMENT EXTRA AT MID SPAN	TOP REINFORCEMENT THROUGH OUT BARS	TOP REINFORCEMENT EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
1	B1	9"X18"	2-12 ℞		2-10 ℞		1-12 ℞(7') ⇩ ⇩ B1 B1/B2	8℞@8"C/C	USE MIX M20 G	
2	B2	12"X18"	2-12℞		2-10 ℞		1-12 ℞(7') ⇩ ⇩ B2 -B2/B1	8℞@8"C/C	USE MIX M20 G	
3	B3	12"X18"	3-16 ℞		2-10 ℞	1-12 ℞ (4'0") BR.TOP	3-12 ℞(10') ⇩ ⇩ B3 B2/B1	8℞@7"C/C	USE MIX M20 G	
4	B4	9"X18"	3-16 ℞		2-10 ℞	1-12 ℞ (4'0") BR.TOP	3-12 ℞(10') ⇩ ⇩ B4 B1	8℞@7"C/C	USE MIX M20 G	
5	B5	12"X18"	2-16 ℞		2-10 ℞	1-12 ℞ (4'0") BR.TOP	2-12 ℞(8') ⇩ ⇩ B5 B5/B2	8℞@7"C/C	USE MIX M20 G	
6	B6	9"X18"	2-16 ℞ OR 3-12 ℞		2-10 ℞			8℞@7"C/C	USE MIX M20 G	



PLENTH BEAM DETAIL

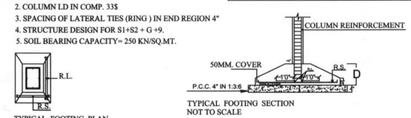
FOOTING DETAILS

SHEET NO. 1

S. NO.	COLUMN NO.	SIZE OF COL AT 1 LVL & REINFORCEMENT M-20 [1: 1.5:3] FIRST LVL.	PIT SIZE	STIRRUPS [RING] 4 LEG.	SIZE OF FOOTING JALI	DEPTH OF FOOTING [D]	REINFORCEMENT PARALLEL TO SHORT SPAN IN FOOTING [R.S.] [MAIN]	REINFORCEMENT PARALLEL TO LONG SPAN IN FOOTING [R.L.]	REMARKS
1	C11,16,28,29	1'0"X2'0" 14 - 25 ℞	11'9"X12'0"	8℞@ 7"C/c 4 LEG.	10'0"X11'0"	45"	28 NO. 12MM	24 NO. 12MM	
2	C4,C15,	1'0"X2'0" 16 - 25 ℞	11'3"X12'3"	8℞@ 7"C/c 4 LEG.	10'3"X11'3"	47"	30 NO. 12MM	26 NO. 12MM	
3	C5,12,19,24,36.	1'0"X2'0" 18 - 25 ℞	11'9"X12'9"	8℞@ 7"C/c 4 LEG.	10'9"X11'9"	48"	32 NO. 12MM	28 NO. 12MM	
4	C1,2,9,10,13,14,20, C 21,25, 27,39.	1'0"X2'6" 18 - 25 ℞	12'0"X13'6"	8℞@ 7"C/c 4 LEG.	11'0"X12'6"	50"	36 NO. 12MM	30 NO. 12MM	
5	C17.	1'0"X2'6" 18 - 25 ℞	12'3"X13'9"	8℞@ 7"C/c 4 LEG.	11'3"X12'9"	51"	37 NO. 12MM	31 NO. 12MM	
6.	C6,C8.	1'0"X2'6" 20 - 25 ℞	12'9"X14'0"	8℞@ 7"C/c 4 LEG.	11'9"X13'0"	54"	41 NO. 12MM	34 NO. 12MM	
7	C7,C18.	1'0"X2'6" 22 - 25 ℞	13'0"X14'6"	8℞@ 7"C/c 4 LEG.	12'0"X13'6"	56"	43 NO. 12MM	36 NO. 12MM	
8	C35.	1'0"X2'6" 22 - 25 ℞	13'3"X14'9"	8℞@ 7"C/c 4 LEG.	12'3"X13'9"	56"	44 NO. 12MM	37 NO. 12MM	
9	C36.	1'0"X2'6" 22 - 25 ℞	13'9"X15'3"	8℞@ 7"C/c 4 LEG.	12'9"X14'3"	59"	48 NO. 12MM	40 NO. 12MM	
10	C3.	1'0"X2'0" 12 - 25 ℞	10'3"X11'3"	8℞@ 7"C/c 4 LEG.	9'6"X10'6"	43"	26 NO. 12MM	22 NO. 12MM	
11	C22.	1'0"X2'6" 20 - 25 ℞	13'0"X14'6"	8℞@ 7"C/c 4 LEG.	12'0"X13'6"	56"	43 NO. 12MM	36 NO. 12MM	
12	C23.	1'3"X2'6" 22 - 25 ℞	14'3"X15'6"	8℞@ 7"C/c 4 LEG.	13'3"X14'6"	60"	51 NO. 12MM	44 NO. 12MM	
13	C30.	1'0"X2'0" 12 - 20 ℞	9'0"X10'0"	8℞@ 7"C/c 4 LEG.	8'0"X9'0"	42"	22 NO. 12MM	19 NO. 12MM	
14	C31.	1'0"X2'0" 12 - 25 ℞	10'6"X11'6"	8℞@ 7"C/c 4 LEG.	9'6"X10'6"	42"	25 NO. 12MM	21 NO. 12MM	
15	C32.	1'0"X2'0" 12 - 25 ℞	10'3"X11'3"	8℞@ 7"C/c 4 LEG.	9'3"X10'3"	42"	25 NO. 12MM	21 NO. 12MM	
16	C33.	1'0"X2'0" 12 - 25 ℞	9'9"X10'9"	8℞@ 7"C/c 4 LEG.	8'9"X9'9"	42"	24 NO. 12MM	20 NO. 12MM	
17	C34.	1'0"X2'6" 16 - 25 ℞	11'3"X12'9"	8℞@ 7"C/c 4 LEG.	10'3"X11'9"	46"	32 NO. 12MM	26 NO. 12MM	
18	C37.	1'0"X2'0" 12 - 25 ℞	10'6"X11'6"	8℞@ 7"C/c 4 LEG.	9'6"X10'6"	42"	25 NO. 12MM	21 NO. 12MM	
19	C38.	1'0"X2'6" 18 - 25 ℞	12'0"X13'6"	8℞@ 7"C/c 4 LEG.	11'0"X12'6"	50"	36 NO. 12MM	30 NO. 12MM	

NOTE = 1. CLEAR COVER FOR COLUMN 40mm.
2. COLUMN LD IN COMP. 33S
3. SPACING OF LATERAL TIES (RING) IN END REGION 4"
4. STRUCTURE DESIGN FOR S1+S2 + G +9.
5. SOIL BEARING CAPACITY= 250 KN/SQ.MT.

USE M20 [1:1.5:3] CONCRETE MIX FOR COLUMN& FOOTING



TYPICAL FOOTING PLAN
NOT TO SCALE

TYPICAL FOOTING SECTION
NOT TO SCALE

BLOCK-D SHEET NO-02

CENTER LINE , LIFT,STAIRCASE FOOTING , PLINTH BEAM, SLAB & BEAM DETAIL

N W E S

SPECIFICATIONS/NOTES:-

1. ALL DIMENSIONS ARE IN FEET & INCHES,EXCEPT BAR DIAMETER.BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ALL CONCRETE MIX. SHALL BE M-20. IF NOT SPECIFIED.
4. ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY.WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM
5. USE M-20 GRADE CONE & STEEL HYSD FE-500
6. CHANGE MUST BE DONE AFTER DESIGNER APPROVAL
7. CLEAR COVER TO BARS SHALL BE AS UNDER
   SLAB:- 20MM, BEAM :- 25MM , COLUMN:- 40MM, WALL :- 30MM
   RAFT :- 50 MM
8. 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: 1893 & IS : 456 .
13. S.B.C. CONSIDERED 25 TONE/M2

RESIDENTIAL FLATS PLAN FOR SAMBHAVNATH COMPLEX LIMITED
DIRECTOR SHRI ROSHAN LAL
S/O SHRI BHERU LAL JAIN (NAGDA)
AT PLOT NO. 1. KH.NO. 208,209,
TO 220,222 TO 224,226,228 TO 230
REVENUE VILLAGE SAVINA KHEDA
UDAIPUR (RAJ.)

BUILDING APPROVAL THROUGH
U.I.T. UDAIPUR LETTER NO.
F-7 ( )/UIT/B-PLAN/MISC/2012/3652
DATE :-30/10/2013
F-7 ( )/UIT/B-PLAN/MISC/2016/3661
DATE :-28/07/2017
1st STILT+2nd STILT+G+9th FLOOR

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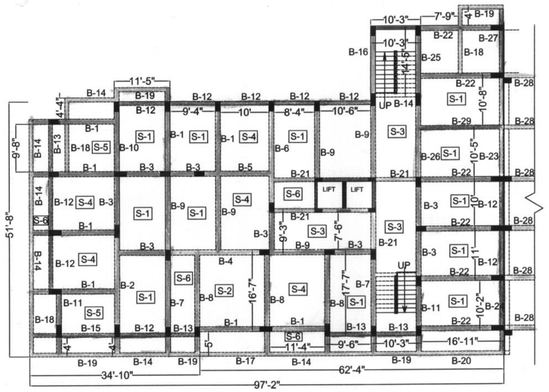


BEAM SIZE :-

- 12"X30" (24"+6" SLAB TH.)
- 12"X24" (18"+6" SLAB TH.)
- 9"X24" (18"+6" SLAB TH.)
- 12"X18" (12"+6" SLAB TH.)
- 9"X18" (12"+6" SLAB TH.)

SLAB DETAIL

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

1ST STILT BEAM AND SLAB DETAIL

1ST STILT BEAM DETAIL

SHEET NO.[1]

S.NO.	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT THROUGH OUT BARS	BOTTOM REINFORCEMENT EXTRA AT MID SPAN	TOP REINFORCEMENT THROUGH OUT BARS	TOP REINFORCEMENT EXTRA AT SUPPORT	TOP REINFORCEMENT EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
1	B1	12"X24"	2-16ℝ	2-12 ℝ [9'0"]	2-12 ℝ	+3-16ℝ(10') 8ℝa6"C/C -2-12ℝ(6')	1-16ℝ(7') B1 - B3	8ℝa7"C/C	USE MIX M20 G	
2	B2	12"X30"	2-25 ℝ	2-20 ℝ [15'0"]	3-12 ℝ	+3-16ℝ(10') 8ℝa6"C/C -2-12ℝ(6')	2-25ℝ(10') B2 - B3	8ℝa4"C/C	USE MIX M20 G	
3	B3	12"X24"	2-16 ℝ	–	2-12 ℝ	–	–	8ℝa8"C/C	USE MIX M20 G	
4	B4	12"X30"	3-25 ℝ	2-20 ℝ [14'0"]	3-12 ℝ	–	3-25ℝ(10') B4 - B3/B9	8ℝa4"C/C	USE MIX M20 G	
5	B5	12"X24"	3-20 ℝ	1-20 ℝ [10'0"]	2-12 ℝ	2-16 ℝ [4'0"]	3-20ℝ(7') B5 - B3	8ℝa4"C/C	USE MIX M20 G	
6	B6	12"X30"	2-25 ℝ	2-20 ℝ [15'0"]	3-12 ℝ	2-16 ℝ [5'0"]	2-25ℝ + 1-20ℝ (10) B6 - B3	8ℝa4"C/C	USE MIX M20 G	
7	B7	12"X24"	2-16 ℝ	2-16 ℝ [11'0"]	2-16 ℝ	+2-16ℝ(10') 8ℝa6"C/C -2-12ℝ(6')	2-16ℝ(8') B7 - B9/B2'	8ℝa5"C/C	USE MIX M20 G	
8	B8	12"X24"	2-16 ℝ	2-16 ℝ [11'0"]	2-16 ℝ	+3-20ℝ(10') 8ℝa5"C/C -2-16ℝ(8')	–	8ℝa5"C/C	USE MIX M20 G	
9	B9	12"X24"	2-16 ℝ	2-16 ℝ [10'0"]	2-12 ℝ	–	2-16ℝ(9') B9 - B9	8ℝa5"C/C	USE MIX M20 G	
10	B10	12"X24"	2-16 ℝ	2-16 ℝ [9'0"]	2-12 ℝ	+3-16ℝ(10') 8ℝa6"C/C -2-12ℝ	2-16ℝ(7') B10 - B3	8ℝa7"C/C	USE MIX M20 G	

1ST STILT BEAM DETAIL

SHEET NO.[2]

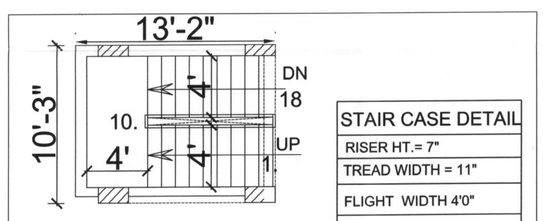
S.NO.	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT THROUGH OUT BARS	BOTTOM REINFORCEMENT EXTRA AT MID SPAN	TOP REINFORCEMENT THROUGH OUT BARS	TOP REINFORCEMENT EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
11	B11	12"x24"	2-12 ℝ	–	2-20 ℝ	+2-20ℝ(10') 8ℝa4"C/C -2-16ℝ(6')	–	8ℝa7"C/C	USE MIX M20 G	
12	B12	9"x24"	2-16 ℝ	1-12 ℝ (8'0")	2-10 ℝ	2-12ℝ(7') B12 -B12/ B13	–	8ℝa7"C/C	USE MIX M20 G	
13	B13	9"x24"	2-16 ℝ	–	2-10 ℝ	1-12ℝ(6') B13 - B13	2-12ℝ(7') B12 - B13	8ℝa8"C/C	USE MIX M20 G	
14	B14	9"x18"	2-16 ℝ	1-12 ℝ (8'0")	2-10 ℝ	–	2-12ℝ(7') B14 - B14	8ℝa7"C/C	USE MIX M20 G	
15	B15	9"x24"	3-16 ℝ	–	2-10 ℝ	+4-20ℝ(14') 8ℝa4"C/C -2-16ℝ(16')	2-16ℝ(7') B15 - B12	8ℝa5"C/C	USE MIX M20 G	
16	B16	12"x18"	2-16 ℝ	–	2-10 ℝ	–	–	8ℝa8"C/C	(BR) USE MIX M20 G	
17	B17	9"x18"	2-16 ℝ	1-16 ℝ (9'0")	2-10 ℝ	–	2-16ℝ(8') B17 - B14	8ℝa6"C/C	USE MIX M20 G	
18	B18	9"x18"	2-16 ℝ	–	2-10 ℝ	3-16ℝ(10') BRA. TOP	2-12ℝ(7') B18 - B14	8ℝa6"C/C	USE MIX M20 G	
19	B19	9"x18"	2-16 ℝ	–	2-10 ℝ	1-12ℝ(6') B19 - B19	2-12ℝ(7') B19 - B17	8ℝa9"C/C	USE MIX M20 G	
20	B20	9"x18"	2-16 ℝ	2-16 ℝ (12'0")	2-10 ℝ	2-16ℝ(9') B19 - B20		8ℝa5"C/C	USE MIX M20 G	

1ST STILT BEAM DETAIL

SHEET NO.[3]

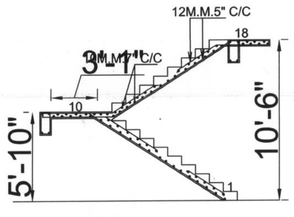
S.NO.	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT THROUGH OUT BARS	BOTTOM REINFORCEMENT EXTRA AT MID SPAN	TOP REINFORCEMENT THROUGH OUT BARS	TOP REINFORCEMENT EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
21	B21	9"X18"	2-12 ℝ	–	2-10 ℝ	–	–	8ℝa8"C/C	USE MIX M20 G	
22	B22	12"X24"	2-20 ℝ	2-16 ℝ [12'0"]	2-16 ℝ	1-16 ℝ (4'0")		8ℝa5"C/C	USE MIX M20 G	
23	B23	12"X30"	4-25 ℝ	2-25 ℝ [15'0"]	3-12 ℝ	–	4-25ℝ(10') B23 - B12/ B27	8ℝa4"C/C	USE MIX M20 G	
24	B24	9"X24"	2-16 ℝ	1-12 ℝ [7'0"]	2-10 ℝ	+4-20ℝ(13') 8ℝa4"C/C -2-16ℝ	2-12ℝ(7') B24 - B12	8ℝa7"C/C	BR. 2 NR SUPP USE MIX M20 G AT MID .SUP	
25	B25	12"X24"	2-20 ℝ	2-16 ℝ [9'0"]	2-12 ℝ	1-16 ℝ (5'0")	3-20ℝ(10') B25 - B26	8ℝa4"C/C	USE MIX M20 G	
26	B26	12"X24"	3-20 ℝ	2-16 ℝ [12'0"]	2-12 ℝ	–	3-20ℝ(8) B26 - B3	8ℝa4"C/C	USE MIX M20 G	
27	B27	9"X24"	2-16 ℝ	–	2-10 ℝ	+3-16ℝ(10') 8ℝa6"C/C -2-12ℝ(6')	–	8ℝa8"C/C	USE MIX M20 G	
28	B28	12"X30"	3-25 ℝ	–	2-16 ℝ	–	–	8ℝa4"C/C	USE MIX M20 G	
29	B29	9"X24"	3-20 ℝ	2-16 ℝ [13'0"]	2-16 ℝ	–		8ℝa5"C/C	USE MIX M20 G	

1ST STILT BEAM DETAIL

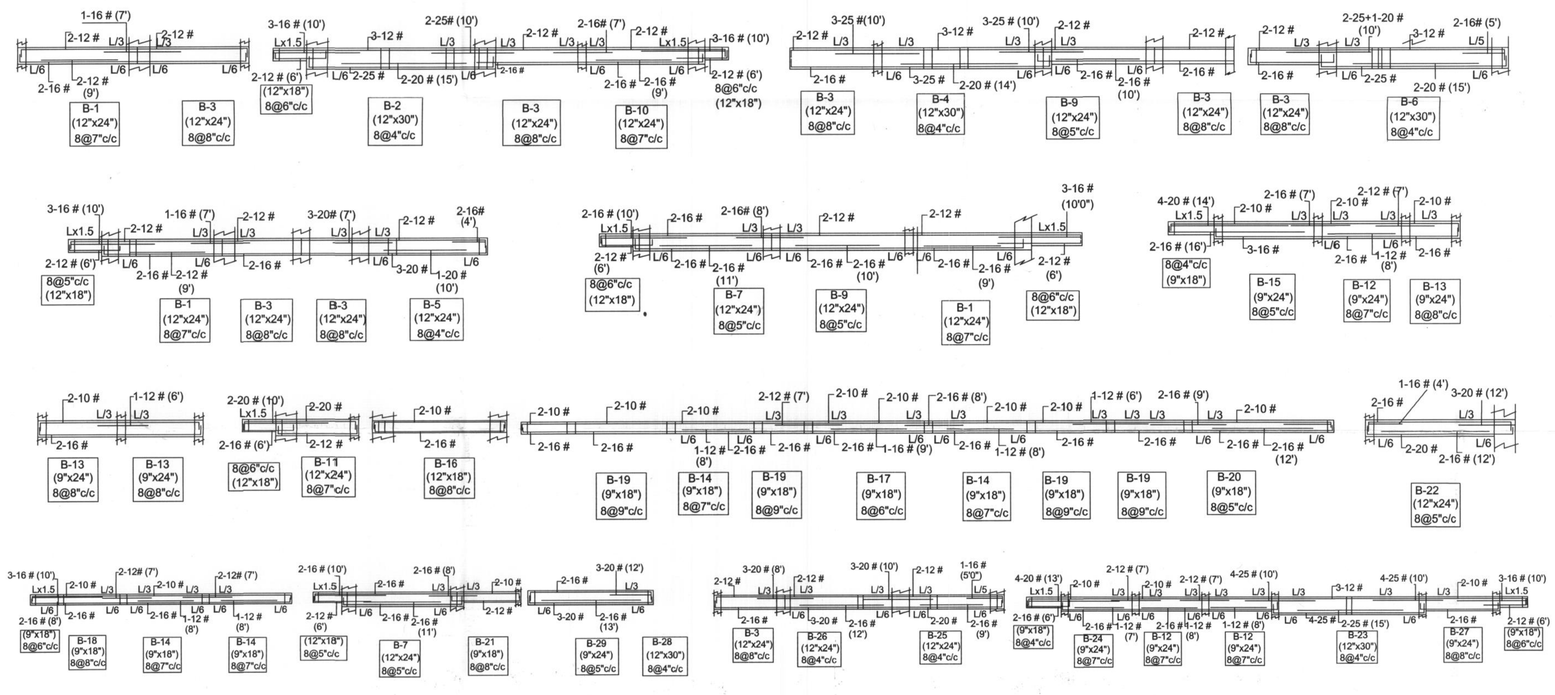


STAIR CASE DETAIL
RISER HT.= 7"
TREAD WIDTH = 11"
FLIGHT WIDTH 4'0"
TOTAL HT. 126" TOP

PLAN



SECTION
MAIN STAIR CASE N.S



BLOCK-D	SHEET NO - 03

1ST STILT SLAB & BEAM DETAIL
STAIR CASE DETAIL

N W E S

SPECIFICATIONS/NOTES:-

1. ALL DIMENSIONS ARE IN FEET & INCHES,EXCEPT BAR DIAMETER.BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ALL CONCRETE MIX. SHALL BE M-20. IF NOT SPECIFIED.
4. ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY.WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM
5. USE M-20 GRADE CONE & STEEL HYSD FE-500
6. CHANGE MUST BE DONE AFTER DESIGNER APPROVAL
7. CLEAR COVER TO BARS SHALL BE AS UNDER
   SLAB:- 20MM, BEAM :- 25MM , COLUMN:- 40MM, WALL :- 30MM
   RAFT :- 50 MM
8. 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: 1893 & IS : 456 .
13. S.B.C. CONSIDERED 25 TONE/M2

RESIDENTIAL FLATS PLAN FOR
SAMBHAVNATH COMPLEX LIMITED
DIRECTOR SHRI ROSHAN LAL
S/O SHRI BHERU LAL JAIN (NAGDA)
AT PLOT NO. 1. KH.NO. 208,209,
TO 220,222 TO 224,226,228 TO 230
REVENUE VILLAGE SAVINA KHEDA
UDAIPUR (RAJ.)

BUILDING APPROVAL THROUGH
U.I.T. UDAIPUR LETTER NO.
F-7 ( )/UIT/B-PLAN/MISC/2012/3652
DATE :-30/10/2013
F-7 ( )/UIT/B-PLAN/MISC/2016/3661
DATE :-28/07/2017
1st STILT + 2nd STILT + G + 9th FLOOR

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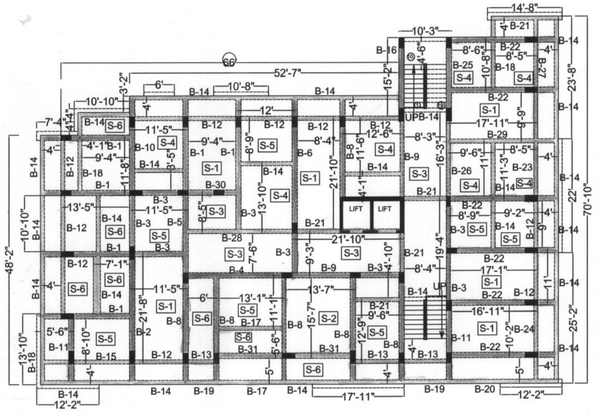
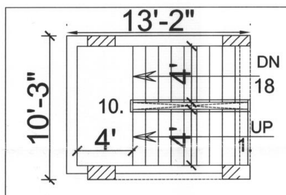


BEAM SIZE :-

- 12"x29"
- 12"x23"
- 12"x17"
- 9"x23"
- 9"x17"

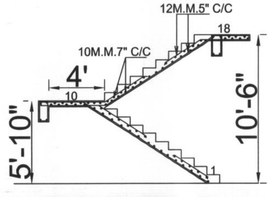
S-1= 10 #@ 6"C/C 8 #@ 8"C/C	S-2= 10 #@ 5"C/C 10 #@ 6"C/C	S-3= 10 #@ 7"C/C 8 #@ 8"C/C
S-4= 10 #@ 7"C/C 8 #@ 7"C/C	S-5= 10 #@ 6"C/C 8 #@ 7"C/C	S-6= 8 #@ 7"C/C 8 #@ 9"C/C

2nd STILT BEAM AND SLAB DETAIL



STAIR CASE DETAIL
RISER HT.= 7"
TREAD WIDTH = 11"
FLIGHT WIDTH 4'0"
TOTAL HT. 126" TOP

PLAN



SECTION
MAIN STAIR CASE N.S

2nd STILT BEAM DETAIL

SHEET NO.[1]

S.NO.	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS	EFECTIVE SPAN
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT			
1	B1	12"X23"	2-16 ⅊	2-12 ⅊ [9'0"]	2-12 ⅊	+3-16⅊(10') 6⅊6*C/C -2-12⅊(6')	1-16⅊(7') B1 - B3	8⅊7"C/C	USE MIX M20 G	
2	B2	12"X29"	2-25 ⅊	2-20 ⅊ [15'0"]	3-12 ⅊	+2-16⅊(10') 6⅊6*C/C -2-12⅊(7')	2-25 ⅊(10') B2 - B3	8⅊5"C/C 8⅊4"C/C	USE MIX M20 G	
3	B3	12"X23"	2-16 ⅊	–	2-12 ⅊	–	–	8⅊8"C/C	USE MIX M20 G	
4	B4	12"X29"	3-20 ⅊	2-20 ⅊ [14'0"]	3-12 ⅊	–	2-25 ⅊(10') B4 - B9	8⅊4"C/C 8⅊5"C/C	USE MIX M20 G	
5	B5	12"X23"	3-25 ⅊	2-20 ⅊ [11'0"]	3-12 ⅊	3-25 ⅊(9') B5 - B1	3-25 ⅊(10') B5 - B8	8⅊4"C/C	USE MIX M20 G	
6	B6	12"X29"	2-25 ⅊	2-16 ⅊ [15'0"]	3-12 ⅊	+2-16⅊(10') 6⅊6*C/C -2-12⅊(7')	2-25 ⅊(10) B6 - B5	8⅊5"C/C	USE MIX M20 G	
7	B7	9"X23"	2-16 ⅊	2-16 ⅊ [11'0"]	2-12 ⅊	+3-20⅊(12') 6⅊5*C/C -2-12⅊(7')		8⅊5"C/C	USE MIX M20 G	
8	B8	12"X23"	2-16 ⅊	2-16 ⅊ [11'0"]	2-12 ⅊	+3-16⅊(10') 6⅊6*C/C -2-12⅊	–	8⅊5"C/C	USE MIX M20 G	
9	B9	12"X23"	2-16 ⅊	2-16 ⅊ [10'0"]	2-12 ⅊	–	2-16⅊(9') B9 -B16(LIFT	8⅊5"C/C	USE MIX M20 G	
10	B10	12"X23"	2-16 ⅊	2-16 ⅊ [9'0"]	2-12 ⅊	+2-20 ⅊(10') 6⅊5*C/C -2-12⅊	2-16⅊(7') B10 - B3	8⅊5"C/C	USE MIX M20 G	

2nd STILT BEAM DETAIL

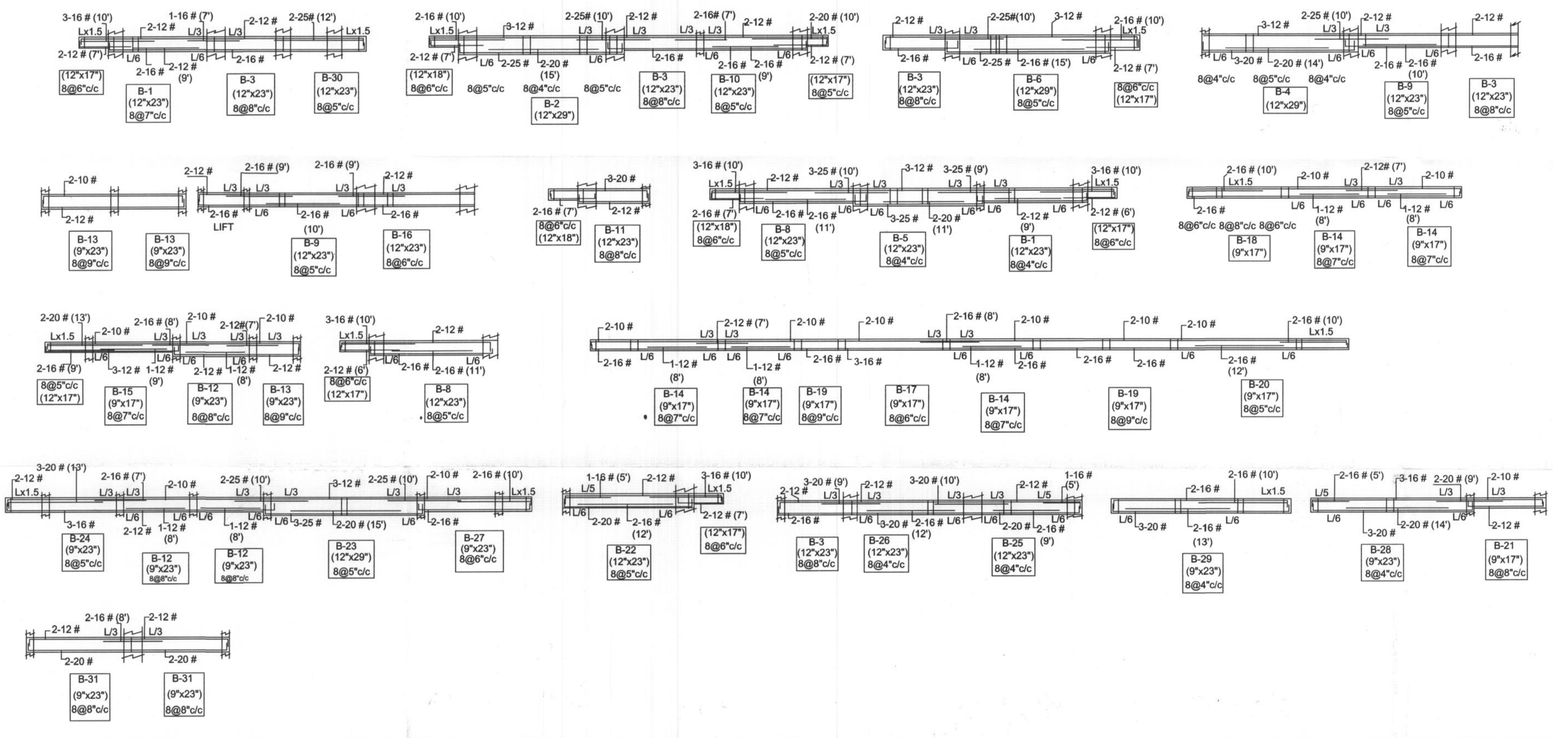
SHEET NO.[2.]

S.NO.	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS	EFECTIVE SPAN
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT			
11	B11	12"x23"	2-12 ⅊	–	3-20 ⅊	6⅊6*C/C -2-10⅊(7')	–	8⅊5"C/C	USE MIX M20 G	
12	B12	9"x23"	2-12 ⅊	1-12 ⅊ (8'0")	2-10 ⅊		2-12⅊(7') B12 - B13	8⅊5"C/C	USE MIX M20 G	
13	B13	9"x23"	2-12 ⅊	–	2-10 ⅊			8⅊5"C/C	USE MIX M20 G	
14	B14	9"x17"	2-16 ⅊	1-12 ⅊ (8'0")	2-10 ⅊	–	2-12⅊(7') B14 - B14	8⅊7"C/C	USE MIX M20 G	
15	B15	9"x17"	3-12 ⅊	1-12 ⅊ (9'0")	2-10 ⅊	+2-20⅊(13') 6⅊5*C/C -2-12⅊(9')	2-16⅊(8') B15 - B12	8⅊7"C/C	USE MIX M20 G	
16	B16	12"x23"	3-16 ⅊	–	2-12 ⅊	–	–	8⅊5"C/C	(8⅊) USE MIX M20 G	
17	B17	9"x17"	3-16 ⅊	–	2-10 ⅊	–	2-16⅊(8') B14 - B17	8⅊5"C/C	USE MIX M20 G	
18	B18	9"x17"	2-16 ⅊	–	2-10 ⅊	2-16⅊(10')		8⅊5"C/C 8⅊8"C/C	USE MIX M20 G	
19	B19	9"x17"	2-16 ⅊	–	2-10 ⅊			8⅊9"C/C	USE MIX M20 G	
20	B20	9"x17"	2-16 ⅊	2-16 ⅊ (12'0")	2-10 ⅊	2-16⅊(10') 6⅊6*C/C		8⅊5"C/C	USE MIX M20 G	

2nd STILT BEAM DETAIL

SHEET NO.[3]

S.NO.	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT		TOP REINFORCEMENT			RING SPACING	REMARKS	EFECTIVE SPAN
			THROUGH OUT BARS	EXTRA AT MID SPAN	THROUGH OUT BARS	EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT			
21	B21	9"X17"	2-12 ⅊	–	2-10 ⅊	–	–	8⅊8"C/C	USE MIX M20 G	
22	B22	12"X23"	2-20 ⅊	2-16 ⅊ [12'0"]	2-12 ⅊	3-16⅊(10') 2-12⅊(7') br top	1-16⅊(5')	8⅊5"C/C	USE MIX M20 G	
23	B23	12"X29"	3-25 ⅊	2-20 ⅊ [15'0"]	3-12 ⅊	–	2-25 ⅊(10') B23 - B12/ B27	8⅊5"C/C	USE MIX M20 G	
24	B24	9"X23"	3-16 ⅊		2-12 ⅊	3-20 ⅊ (13'0") br top	2-16⅊(7') B24 - B12	8⅊5"C/C	BR. 2 NR SUPP USE MIX M20 G AT MID. SUP	
25	B25	12"X23"	2-20 ⅊	2-16 ⅊ [9'0"]	2-12 ⅊	1-16 ⅊ (5'0")	3-20 ⅊(10') B25 - B26	8⅊4"C/C	USE MIX M20 G	
26	B26	12"X23"	3-20 ⅊	2-16 ⅊ [12'0"]	2-12 ⅊	–	3-20 ⅊(9') B26 - B3	8⅊4"C/C	USE MIX M20 G	
27	B27	9"X23"	2-16 ⅊	–	2-12 ⅊	2-16 ⅊ (10'0") br top	–	8⅊5"C/C	USE MIX M20 G	
28	B28	9"X23"	3-20 ⅊	2-20 ⅊ [14'0"]	3-16 ⅊	1-16 ⅊ (5'0")	2-20 ⅊(9') B28 - B21	8⅊4"C/C	USE MIX M20 G	
29	B29	9"X23"	3-20 ⅊	2-16 ⅊ [13'0"]	2-16 ⅊	2-16 ⅊ (10'0")		8⅊4"C/C	USE MIX M20 G	
30	B30	12"X23"	2-16 ⅊		2-12 ⅊	2-25⅊ (12'0")		8⅊5"C/C	USE MIX M20 G	
31	B31	9"X23"	2-20 ⅊		2-12 ⅊		2-16 ⅊ (8'0")	8⅊8"C/C	USE MIX M20 G	



BLOCK-D | SHEET NO - 04

2ND STILT SLAB & BEAM DETAIL
STAIR CASE DETAIL

N W E S

SPECIFICATIONS/NOTES:-

1. ALL DIMENSIONS ARE IN FEET & INCHES,EXCEPT BAR DIAMETER.BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ALL CONCRETE MIX. SHALL BE M-20. IF NOT SPECIFIED.
4. ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY.WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM
5. USE M-20 GRADE CONE & STEEL HYSD FE-500
6. CHANGE MUST BE DONE AFTER DESIGNER APPROVAL
7. CLEAR COVER TO BARS SHALL BE AS UNDER
   SLAB:- 20MM, BEAM :- 25MM , COLUMN:- 40MM, WALL :- 30MM
   RAFT :- 50 MM
8. 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: 1893 & IS : 456 .
13. S.B.C. CONSIDERED 25 TONE/M2

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1st STILT + 2nd STILT + G + 9th FLOOR

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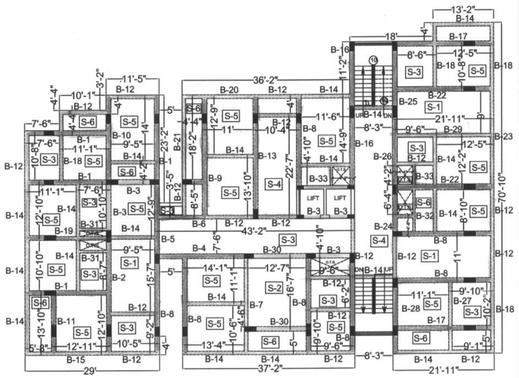


BEAM SIZE
- 12"X29" (24"+5" SLAB TH)
- 12"X23" (18"+5"SLAB TH)
- 9"X23" (18"+5"SLAB TH)
- 12"X17" (12"+5" SLAB TH)
- 9"X17" (12"+5" SLAB TH)
- 6"X17" (12"+5" SLAB TH)

SLAB DETAIL

S-1 =10 #@ 6"C/C 8 #@ 8"C/C	S-2 =10 #@ 5"C/C 10 #@ 6"C/C	S-3 = 8 #@ 6"C/C 8 #@ 8"C/C
S-4 =10 #@ 7"C/C 8 #@ 8"C/C	S-5 =10 #@ 6"C/C 8 #@ 7"C/C	S-6 =10 #@ 7"C/C 8 #@ 9"C/C

TYPICAL FLOOR BEAM PLAN AND SLAB DETAIL

TYPICAL FLOOR BEAM DETAIL

SHEET NO.[1]

S.N0	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT: THROUGH OUT BARS	BOTTOM REINFORCEMENT: EXTRA AT MID SPAN	TOP REINFORCEMENT: THROUGH OUT BARS	TOP REINFORCEMENT: EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
1	B1	12"X23"	2-16 ℞	2-12 ℞ (9'0")	2-12 ℞	3-20 ℞ (10'0") BR.TOP	1-16 ℞(8') B1 - B3	8㎜@5"C/C 8㎜@7"C/C	USE MIX M20 G	
2	B2	12"X23"	3-25℞	2-20℞ (15'0")	2-12 ℞	3-20 ℞ (10'0") BR.TOP	2-25 ℞(12') B2 - B3	8㎜@4"C/C 8㎜@5"C/C	USE MIX M20 G	
3	B3	12"X17"	2-12 ℞		2-12 ℞		——	8㎜@8"C/C	USE MIX M20 G	
4	B4	12"X29"	3-20 ℞	2-20℞ (14'0")	2-12 ℞	2-16 ℞ (5'0") BR.TOP	2-25 ℞(10') B4 - B30	8㎜@4"C/C 8㎜@5"C/C	USE MIX M20 G	
5	B5	12"X29"	3-25 ℞	2-20 ℞ (11'0")	2-12 ℞	——	2-25 ℞(10') B5 B1/B8	8㎜@4"C/C	USE MIX M20 G	
6	B6	12"X29"	3-20 ℞	2-20 ℞ (14'0")	2-12 ℞	2-16 ℞ (5'0") BR.TOP	2-20℞(9') B6 B12	8㎜@4"C/C	USE MIX M20 G	
7	B7	9"X23"	2-20 ℞	2-16 ℞ (11'0")	2-12 ℞	4-20 ℞ (13'0") BR.TOP	1-16 ℞ (5'0") END.	8㎜@5"C/C	USE MIX M20 G	
8	B8	12"X23"	2-20 ℞	2-16 ℞ (11'0")	2-12 ℞	3-20 ℞ (10'0") BR.TOP	1-16 ℞ (3'0") END.	8㎜@5"C/C	USE MIX M20 G	
9	B9	12"X23"	2-25 ℞	2-16 ℞ (15'0")	2-16 ℞	3-25 ℞ (10'0") BR.TOP	1-16 ℞ (6'0") END.	8㎜@5"C/C 8㎜@4"C/C	USE MIX M20 G	
10	B10	12"X23"	2-20 ℞	2-16 ℞ (9'0")	2-12 ℞	3-20 ℞ (10'0") BR.TOP	2-16℞(9') B10 B3	8㎜@5"C/C	USE MIX M20 G	

TYPICAL FLOOR BEAM DETAIL

SHEET NO.[2]

S.N0	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT: THROUGH OUT BARS	BOTTOM REINFORCEMENT: EXTRA AT MID SPAN	TOP REINFORCEMENT: THROUGH OUT BARS	TOP REINFORCEMENT: EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
11	B11	12"X23"	2-20 ℞	——	3-25 ℞		——	8㎜@5"C/C	USE MIX M20 G	
12	B12	9"X17"	2-16 ℞		2-12 ℞			8㎜@8"C/C	USE MIX M20 G	
13	B13	12"X23"	2-25 ℞	2-16 ℞ (15'0")	2-12 ℞	3-20 ℞ (10'0") BR.TOP	2-16 ℞ (6'0") END.	8㎜@5"C/C	USE MIX M20 G	
14	B14	9"X17"	2-16 ℞	1-12 ℞ (8'0")	2-12 ℞		2-12 ℞(7') B14 B14/12	8㎜@5"C/C	USE MIX M20 G	
15	B15	9"X17"	2-16 ℞		2-12 ℞	2-20 ℞ (15'0") BR.TOP	1-12 ℞(6') B15 B12	8㎜@4"C/C 8㎜@7"C/C	USE MIX M20 G	
16	B16	12"X23"	2-20 ℞	2-16 ℞ (11'0")	2-12 ℞		2-20℞ (10') B16 B16	8㎜@5"C/C	USE MIX M20 G	
17	B17	12"X23"	3-20 ℞	2-16 ℞ (11'0")	2-16 ℞	3-25 ℞ (10'0") BR.TOP	——	8㎜@5"C/C	USE MIX M20 G	
18	B18	9"X17"	2-16 ℞		2-16 ℞	2-20 ℞ (10'0") BR.TOP	——	8㎜@5"C/C 8㎜@7"C/C	USE MIX M20 G	
19	B19	9"X23 12"X23	2-20 ℞	1-16 ℞ (9'0")	2-12 ℞	3-20 ℞ (10'0") BR.TOP	2-12 ℞(7') B19 B14	8㎜@5"C/C	USE MIX M20 G	
20	B20	9"X23"	3-16 ℞		2-12 ℞	3-20 ℞ (11'0") BR.TOP	2-16℞ (7') B20 B12	8㎜@5"C/C	USE MIX M20 G	

TYPICAL FLOOR BEAM DETAIL

SHEET NO.[3]

S.N0	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT: THROUGH OUT BARS	BOTTOM REINFORCEMENT: EXTRA AT MID SPAN	TOP REINFORCEMENT: THROUGH OUT BARS	TOP REINFORCEMENT: EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
21	B21	9"X23"	2-16 ℞	2-12 ℞ (13'0")	2-12 ℞	1-16 ℞ (5'0") BR.TOP	2-16℞ (8'6") B12 B21	8㎜@6"C/C	USE MIX M20 G	
22	B22	12"X29"	3-20 ℞	——	2-20 ℞	4-25 ℞ (11'0") BR.TOP	——	8㎜@4"C/C 8㎜@6"C/C	USE MIX M20 G	
23	B23	9"X23"	3-25 ℞	2-20 ℞ (15'0")	2-16 ℞	——	2-25℞ (10') B23 B21/18	8㎜@4"C/C	USE MIX M20 G	
24	B24	12"X23"	2-16 ℞	——	2-12 ℞	——	1-16℞ (7') B12 B24	8㎜@5"C/C	USE MIX M20 G	
25	B25	12"X29"	2-25 ℞	2-16 ℞ (9'0")	2-12 ℞	1-16 ℞ (5'0") BR.TOP	3-25 ℞(10') B25 B24	8㎜@4"C/C	USE MIX M20 G	
26	B26	12"X29"	3-25 ℞	2-16 ℞ (12'0")	2-12 ℞	——	2-25℞ (9') B16 B24	8㎜@4"C/C	USE MIX M20 G	
27	B27	9"X17"	3-16 ℞	——	2-16 ℞	3-20 ℞ (13'0") BR.TOP	——	8㎜@4"C/C	USE MIX M20 G	
28	B28	12"X23"	2-16 ℞	——	2-12 ℞	3-20 ℞ (10'0") BR.TOP	1-16℞ (7') B28 B12	8㎜@5"C/C 8㎜@7"C/C	USE MIX M20 G	
29	B29	9"X23	2-25 ℞	2-16 ℞ (15'0")	2-12 ℞	2-16 ℞ (6'0") BR.TOP	——	8㎜@4"C/C	USE MIX M20 G	
30	B30	12"X17"	2-16 ℞	1-12 ℞ (7'0")	2-12 ℞	——	——	8㎜@7"C/C	USE MIX M20 G	
31	B31	6"X17"	2-12 ℞	——	2-12 ℞	——	——	8㎜@6"C/C	USE MIX M20 G	
32	B32	6"X17"	2-12 ℞	——	2-10 ℞	——	——	8㎜@6"C/C	USE MIX M20 G	
33	B33	6"X17"	3-12 ℞	——	2-10 ℞	——	——	8㎜@6"C/C	USE MIX M20 G	

BLOCK-D SHEET NO - 05

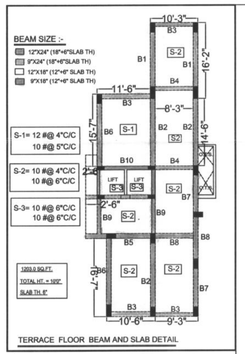
TYPICAL , TERRACE FLOOR SLAB & BEAM DETAIL STAIR CASE DETAIL

N W E S

SPECIFICATIONS/NOTES:-

1. ALL DIMENSIONS ARE IN FEET & INCHES,EXCEPT BAR DIAMETER.BAR DIAMETER MUST BE CONSIDERED IN MILLIMETER.
2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE MEASURED.
3. ALL CONCRETE MIX. SHALL BE M-20. IF NOT SPECIFIED.
4. ALL SUNK SLABS SHALL BE FILLED WITH WELL COMPACTED LIGHT WEIGHT CINDER FILLING ONLY.WHOSE DENSITY IS NOT MORE THAN 1200 KG/CUM
5. USE M-20 GRADE CONE & STEEL HYSD FE-500
6. CHANGE MUST BE DONE AFTER DESIGNER APPROVAL
7. CLEAR COVER TO BARS SHALL BE AS UNDER
   SLAB:- 20MM, BEAM :- 25MM , COLUMN:- 40MM, WALL :- 30MM
   RAFT :- 50 MM
8. 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: 1893 & IS : 456 .
13. S.B.C. CONSIDERED 25 TONE/M2

TERRACE FLOOR BEAM DETAIL

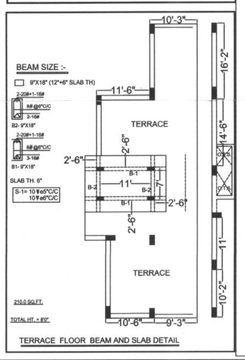


BEAM SIZE :-
- 12"X24" (18"+6"SLAB TH)
- 9"X24" (18"+6"SLAB TH)
- 12"X18" (12"+6" SLAB TH)
- 9"X18" (12"+6" SLAB TH)

S-1= 12 #@ 4"C/C 10 #@ 5"C/C
S-2= 10 #@ 4"C/C 10 #@ 6"C/C
S-3= 10 #@ 6"C/C 10 #@ 6"C/C

1053.0 SQ.FT.
TOTAL HT. = 10'0"
SLAB TH. 6"

TERRACE FLOOR BEAM AND SLAB DETAIL



BEAM SIZE :-
- 9"X18" (12"+6" SLAB TH)

TERRACE

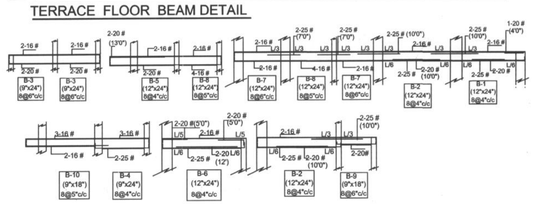
TERRACE

232.0 SQ.FT.
TOTAL HT. = 8'0"

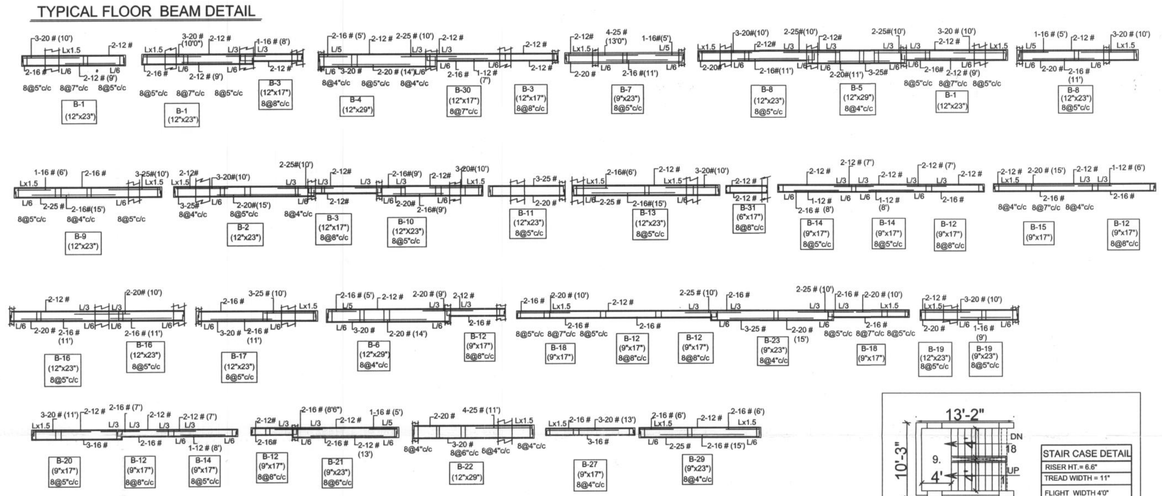
TERRACE FLOOR BEAM AND SLAB DETAIL

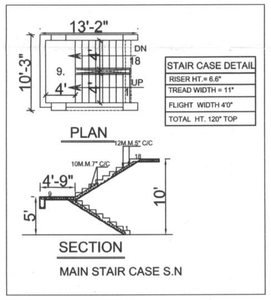
S.N0	BEAM NO.	BEAM SIZE BXD	BOTTOM REINFORCEMENT: THROUGH OUT BARS	BOTTOM REINFORCEMENT: EXTRA AT MID SPAN	TOP REINFORCEMENT: THROUGH OUT BARS	TOP REINFORCEMENT: EXTRA AT SUPPORT	EXTRA AT CONTINUES SUPPORT	RING SPACING	REMARKS	EFECTIVE SPAN
1	B1	12"X24"	2-25 ℞	1-20 ℞ (8'0")	2-16 ℞	1-20 ℞ (4'0") BR.TOP	2-25 ℞(10') B1 - B2	8㎜@4"C/C	USE MIX M20 G	
2	B2	12"X24"	2-25℞	2-20℞ (10'0")	2-16 ℞	2-25 ℞ (10'0") BR.TOP	2-25 ℞(10') B2 -B7 LIFT	8㎜@4"C/C	USE MIX M20 G	
3	B3	9"X24"	2-20 ℞		3-16 ℞		——	8㎜@6"C/C	USE MIX M20 G	
4	B4	9"X24"	2-25 ℞		3-16 ℞			8㎜@4"C/C	USE MIX M20 G	
5	B5	12"X24"	2-20 ℞		2-16 ℞	2-20 ℞ (13'0") BR.TOP		8㎜@4"C/C	USE MIX	
6	B6	12"X24"	2-25 ℞	2-20 ℞ (12'0")	2-16 ℞	2-20 ℞ (5'0") BR.TOP		8㎜@4"C/C	USE MIX M20 G	
7	B7	12"X24"	2-16 ℞		2-16 ℞			8㎜@6"C/C	USE MIX M20 G	
8	B8	12"X24"	4-16 ℞		2-16 ℞		2-25 ℞(7') B7 - B6	8㎜@5"C/C	USE MIX M20 G	
9	B9	9"X18"	2-20 ℞		2-16 ℞		2-25 ℞(10') B5 - B2	8㎜@6"C/C	USE MIX M20 G	
10	B10	9"X18"	2-16 ℞		3-16 ℞			8㎜@5"C/C	USE MIX M20 G	

TERRACE FLOOR BEAM DETAIL



TYPICAL FLOOR BEAM DETAIL





STAIR CASE DETAIL

RISER HT.= 6.6"
TREAD WIDTH = 11"
FLIGHT WIDTH 4'0"
TOTAL HT. 120" TOP

PLAN

SECTION

MAIN STAIR CASE S.N

RESIDENTIAL FLATS PLAN FOR SAMBHAVNATH COMPLEX LIMITED DIRECTOR SHRI ROSHAN LAL S/O SHRI BHERU LAL JAIN (NAGDA) AT PLOT NO. 1. KH.NO. 208,209, TO 220,222 TO 224,226,228 TO 230 REVENUE VILLAGE SAVINA KHEDA UDAIPUR (RAJ.)

BUILDING APPROVAL THROUGH
U.I.T. UDAIPUR LETTER NO.
F-7 ( )/UIT/B-PLAN/MISC/2012/3652
DATE :-30/10/2013
F-7 ( )/UIT/B-PLAN/MISC/2016/3661
DATE :-28/07/2017
1st STILT + 2nd STILT + G + 9th FLOOR

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