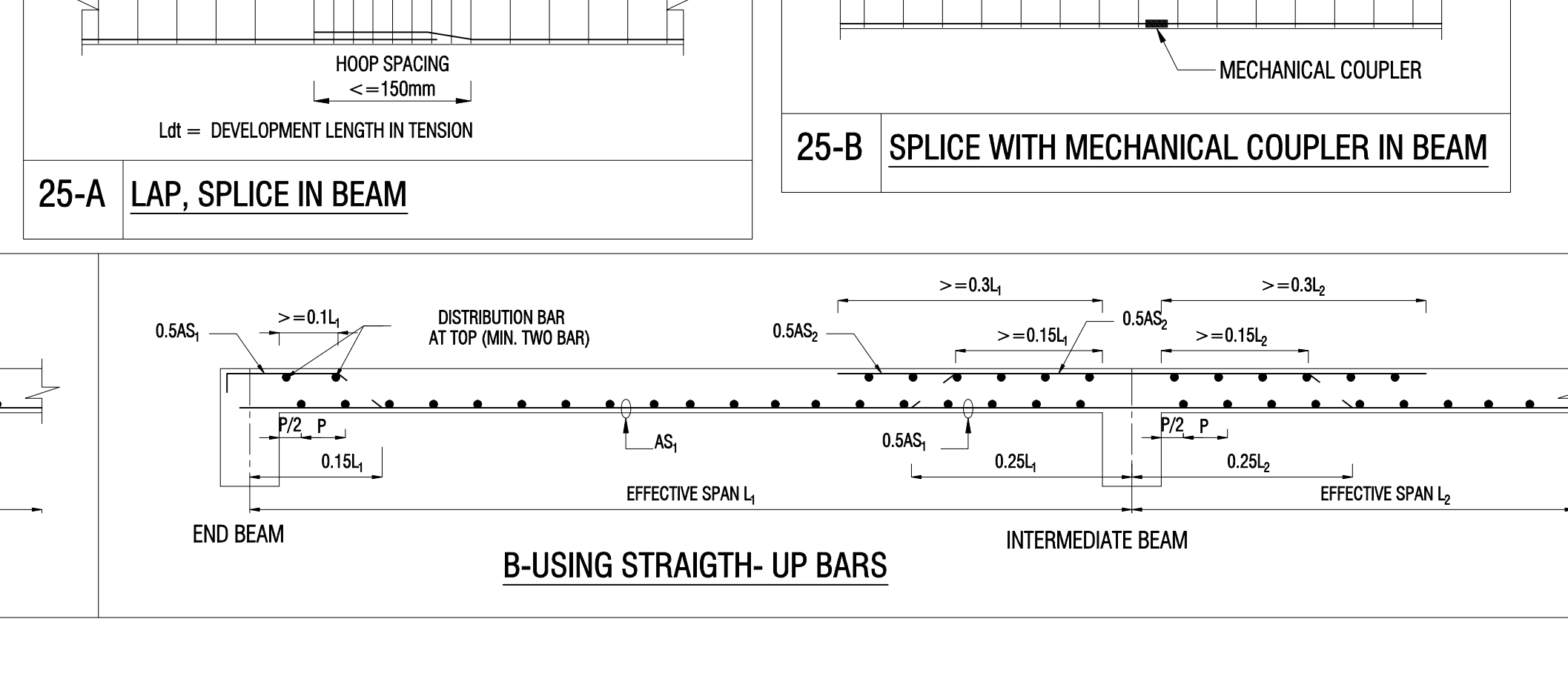
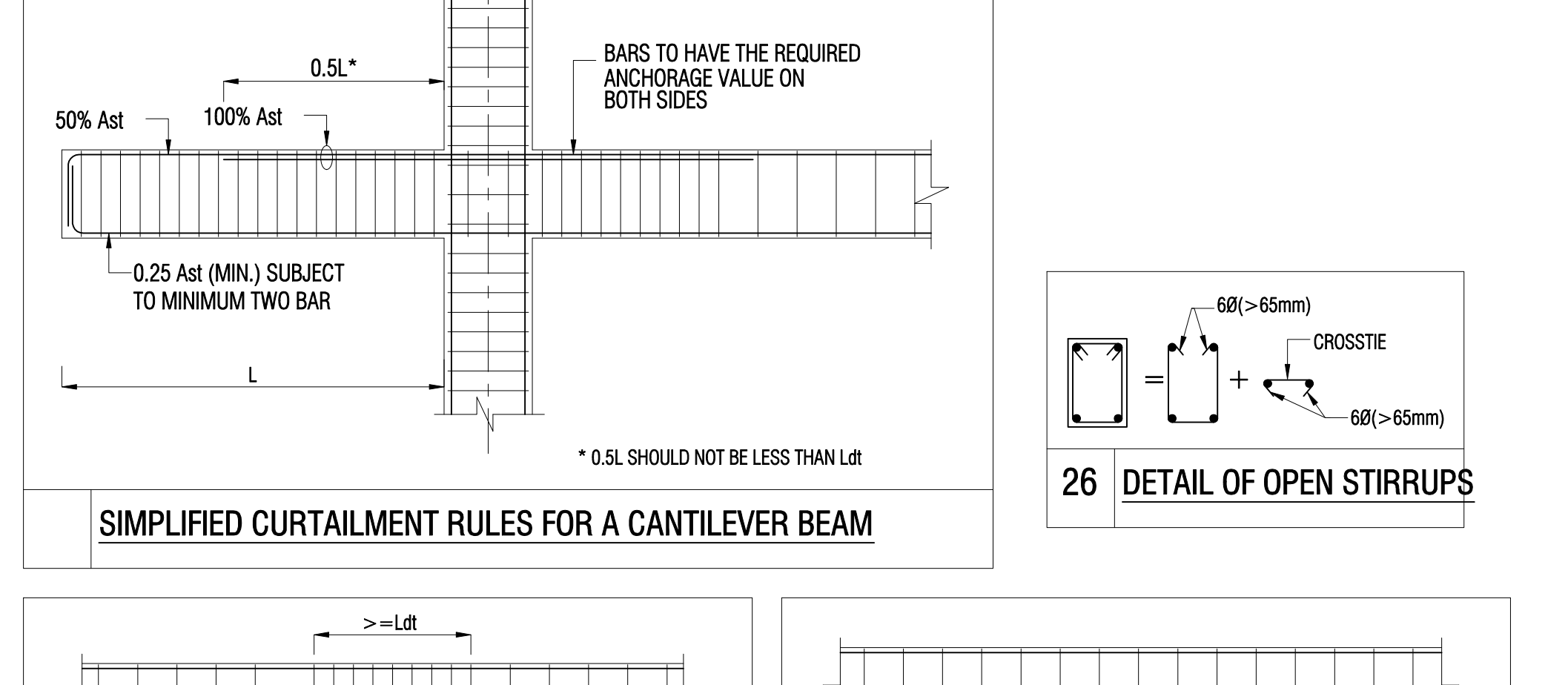
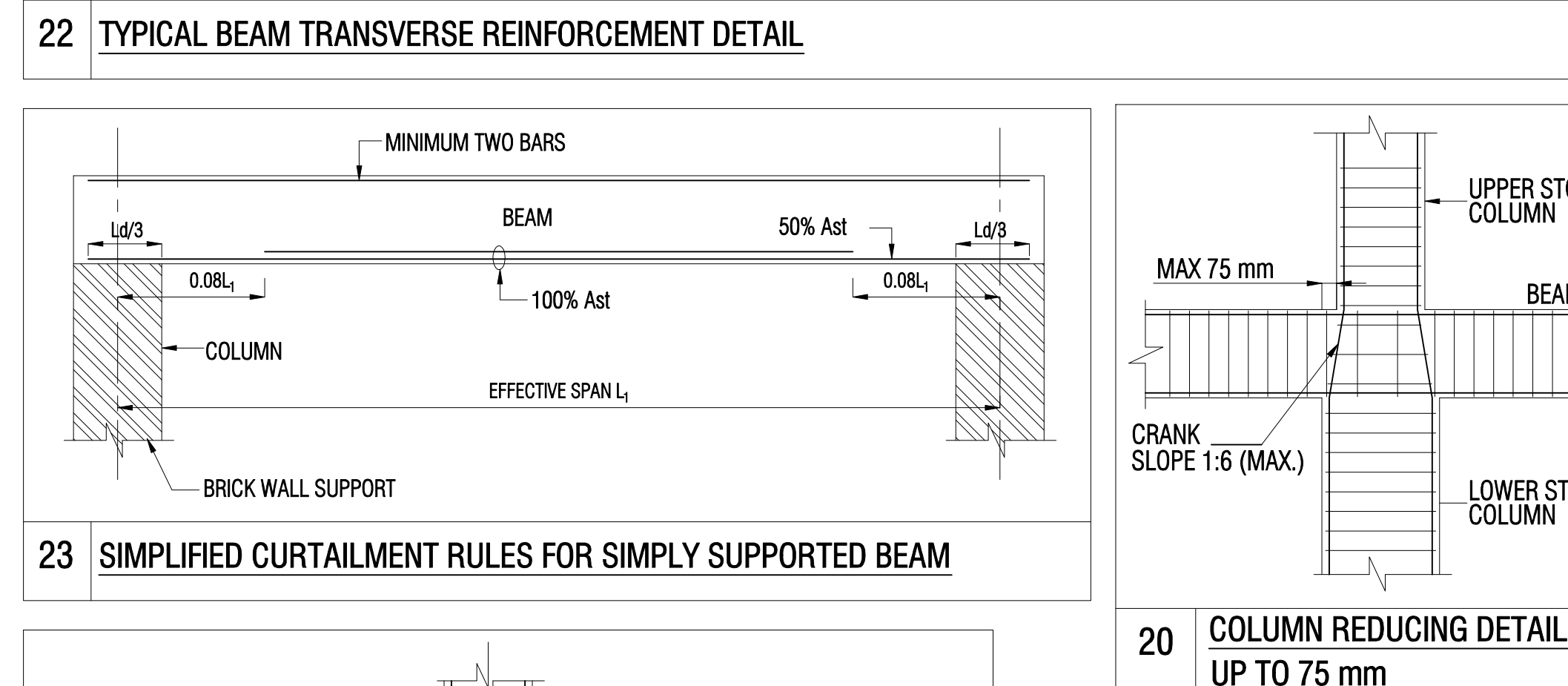
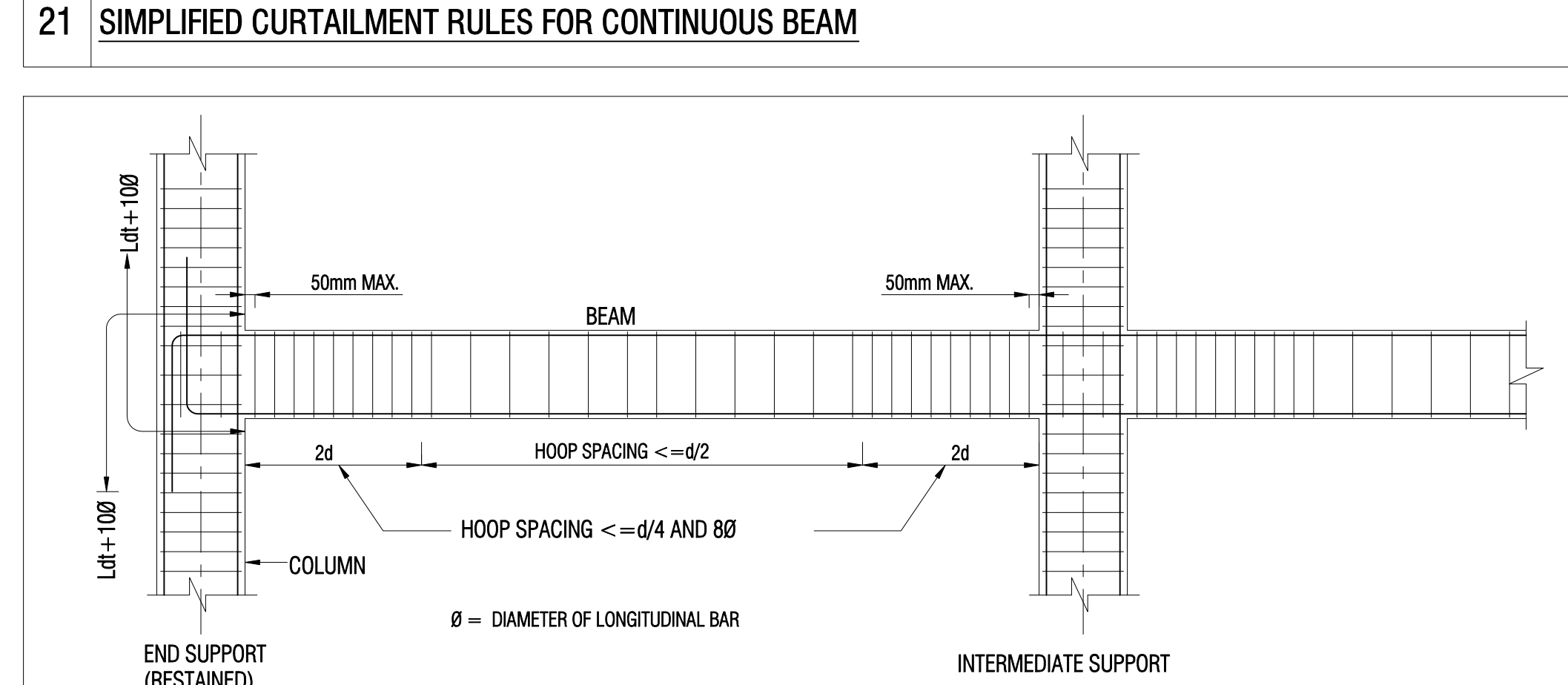
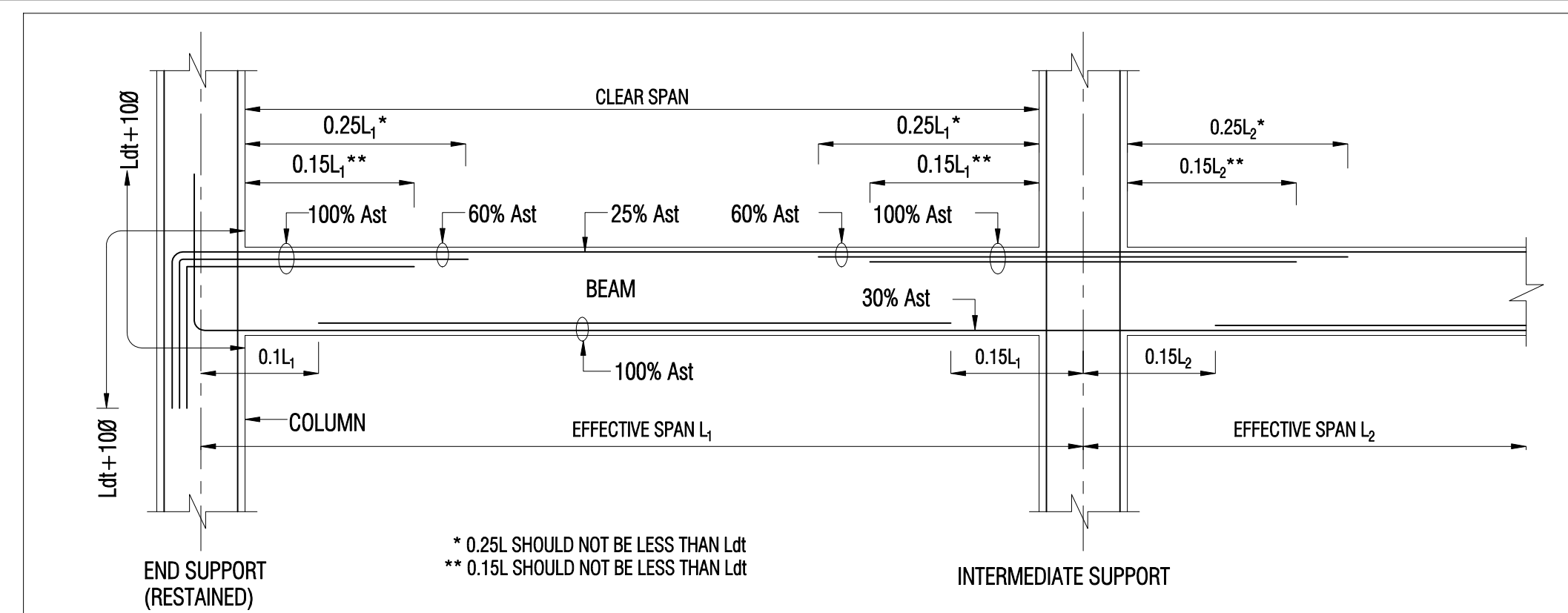
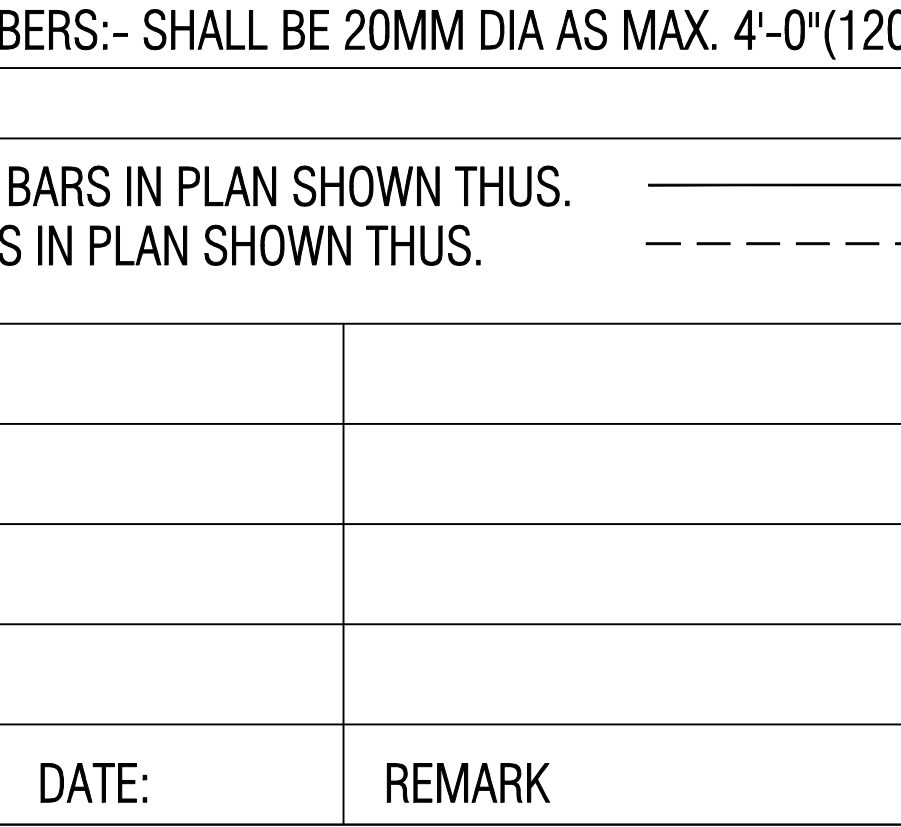
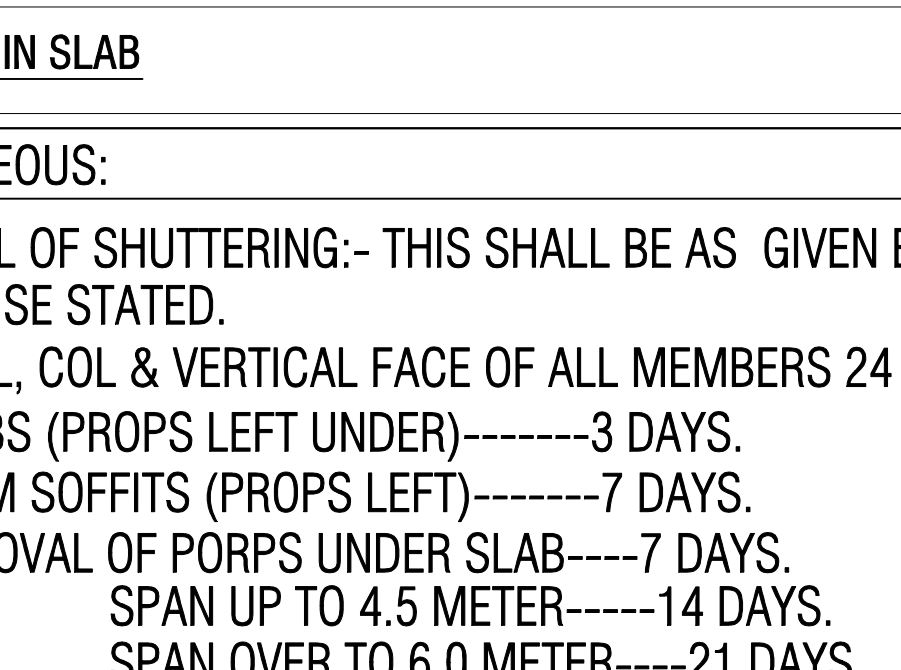
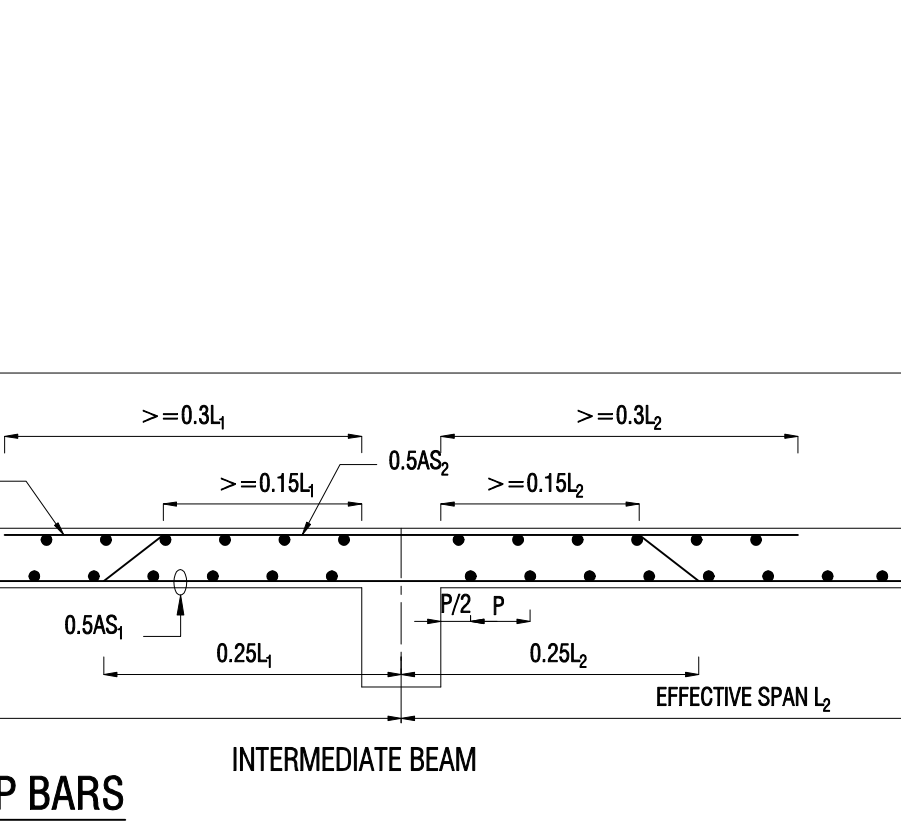
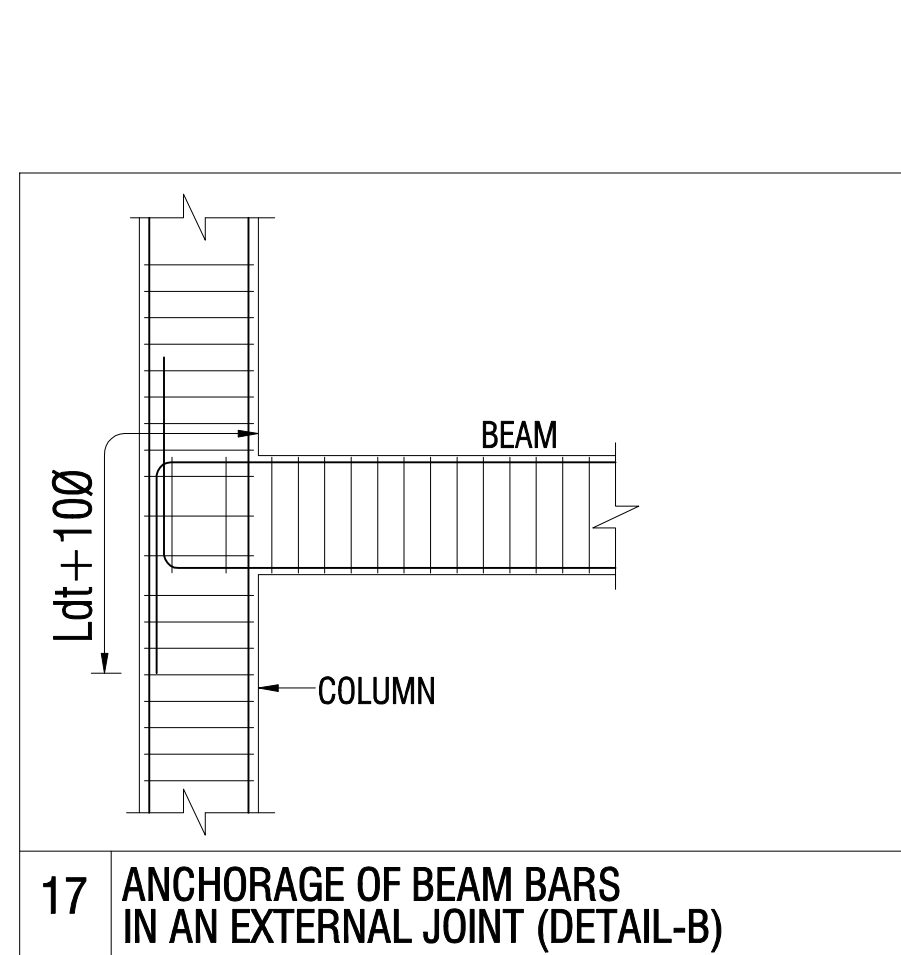
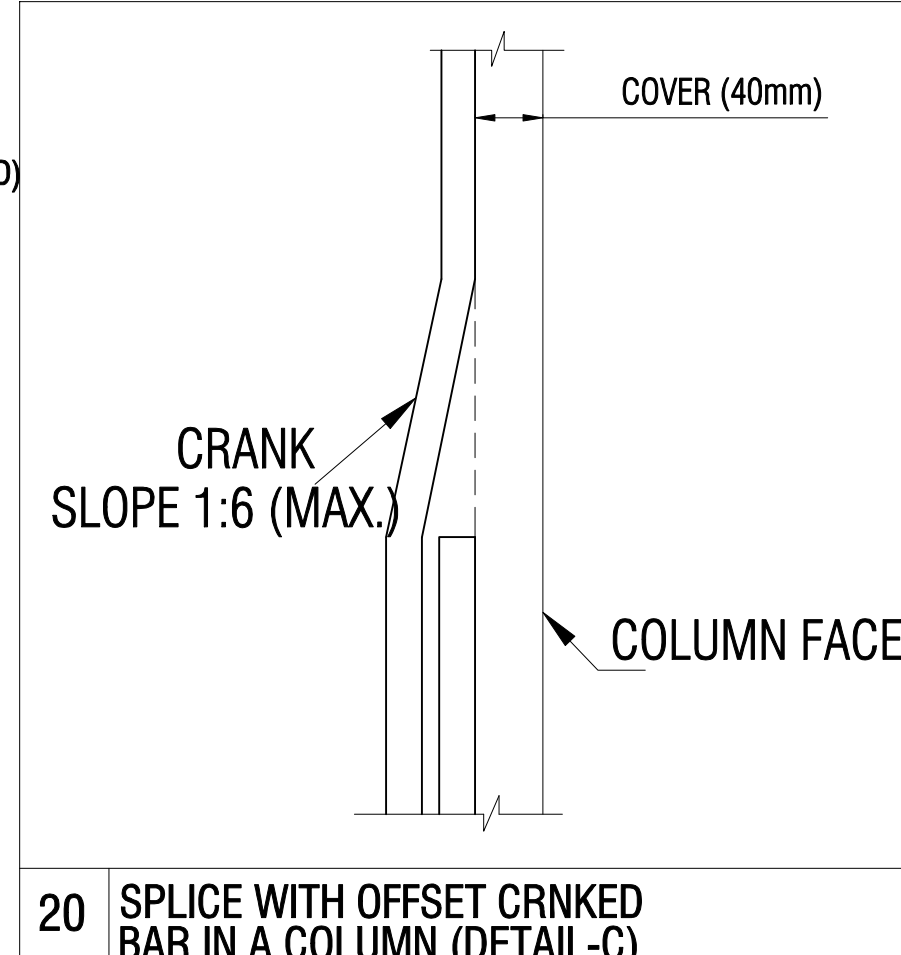
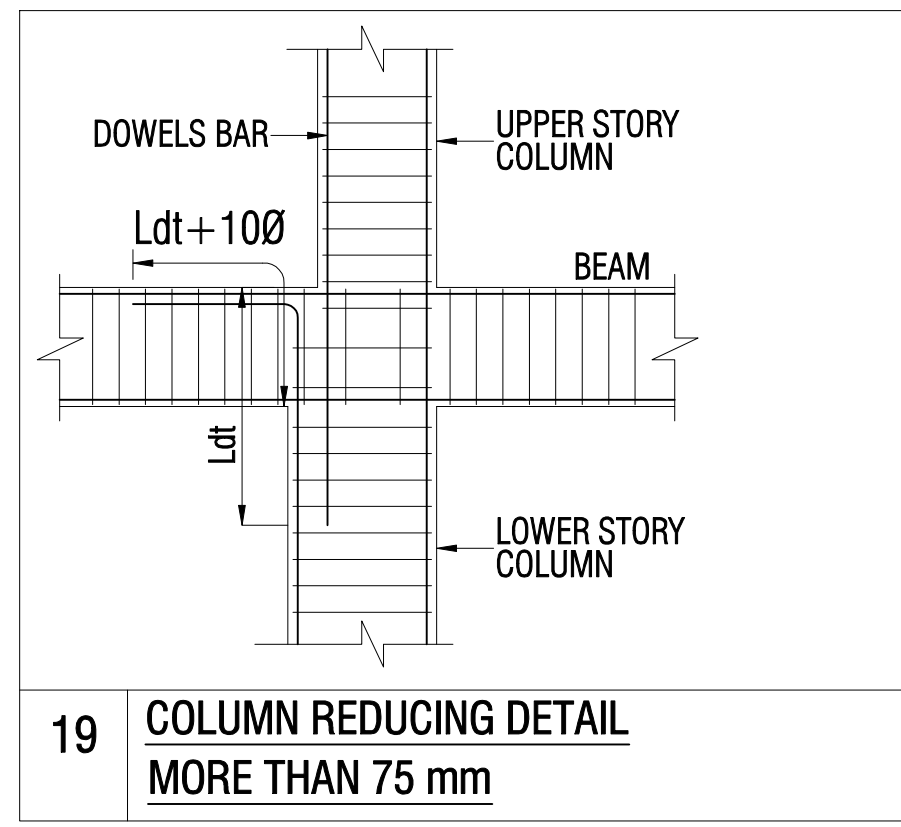
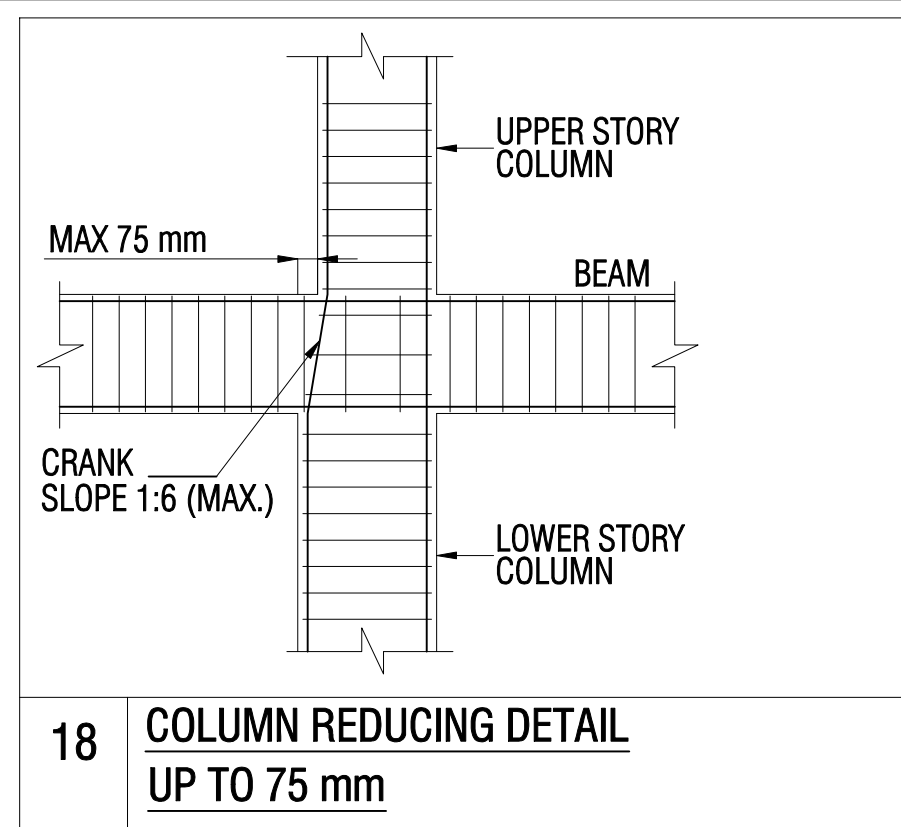
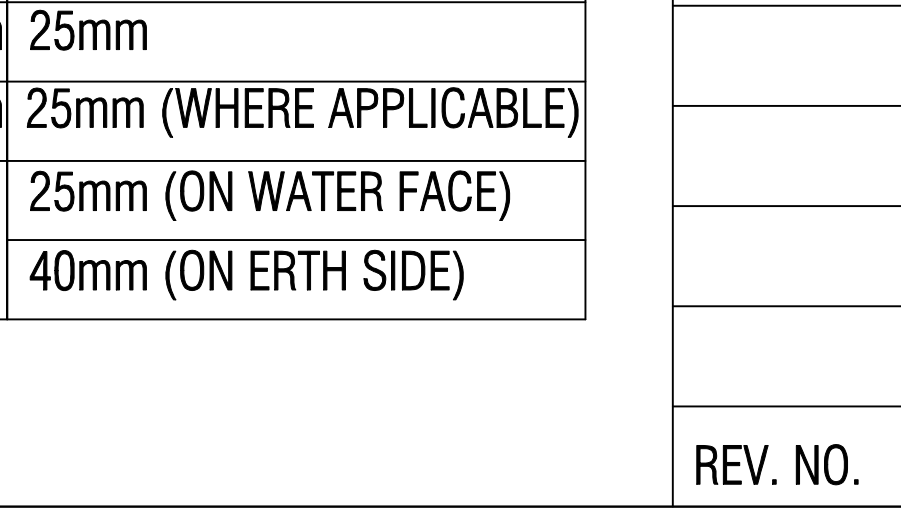
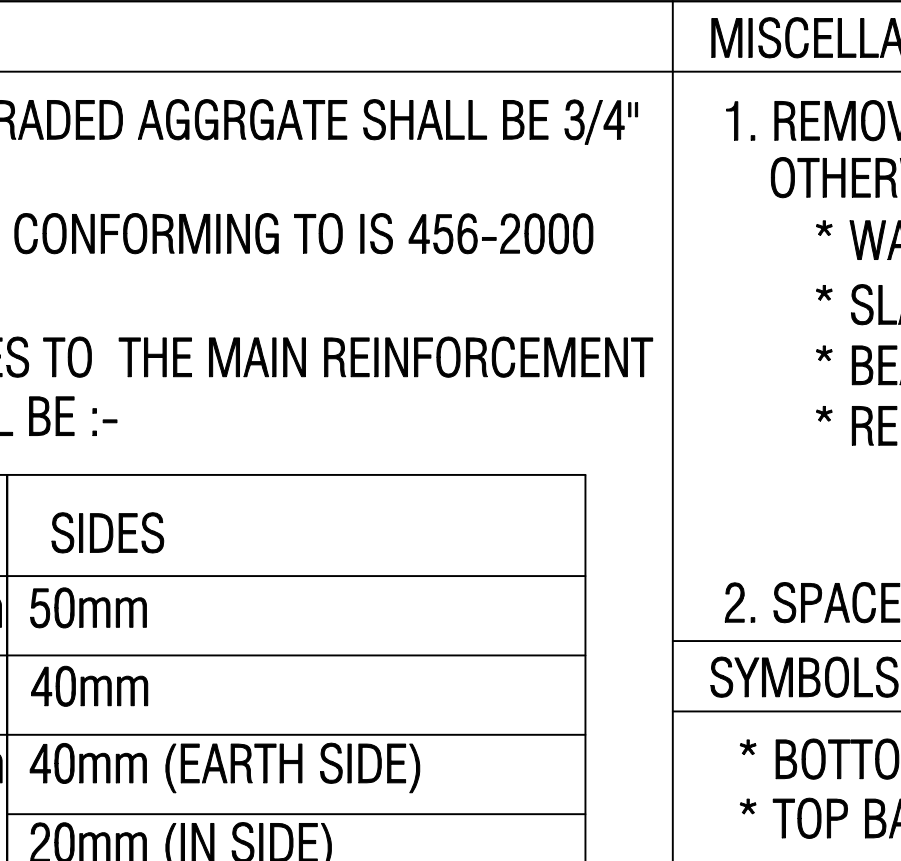
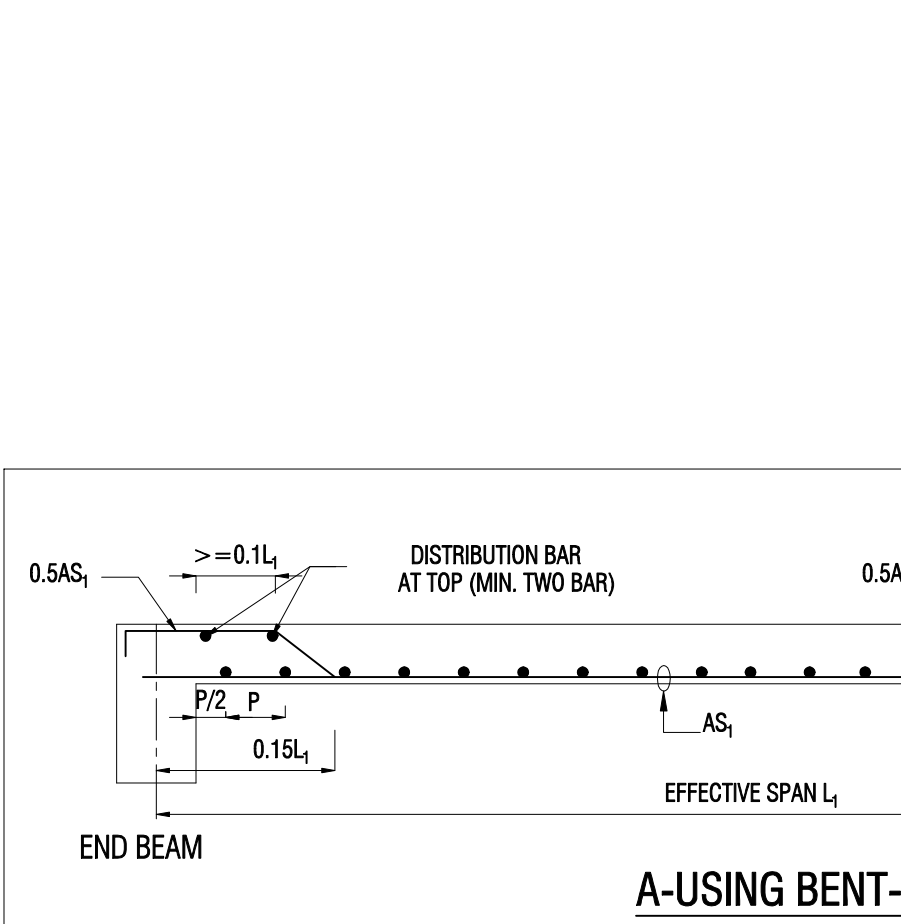
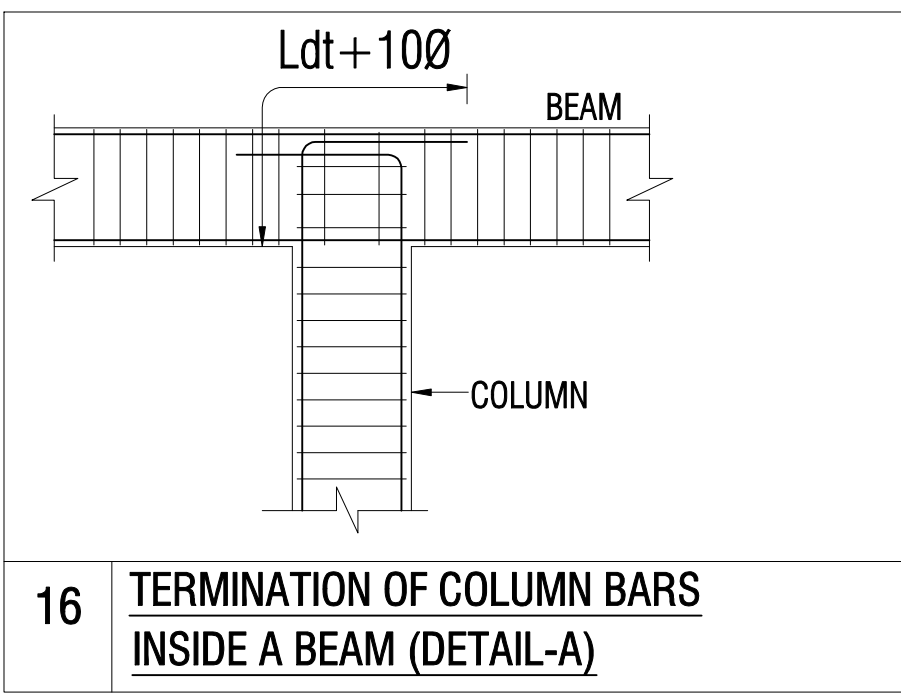
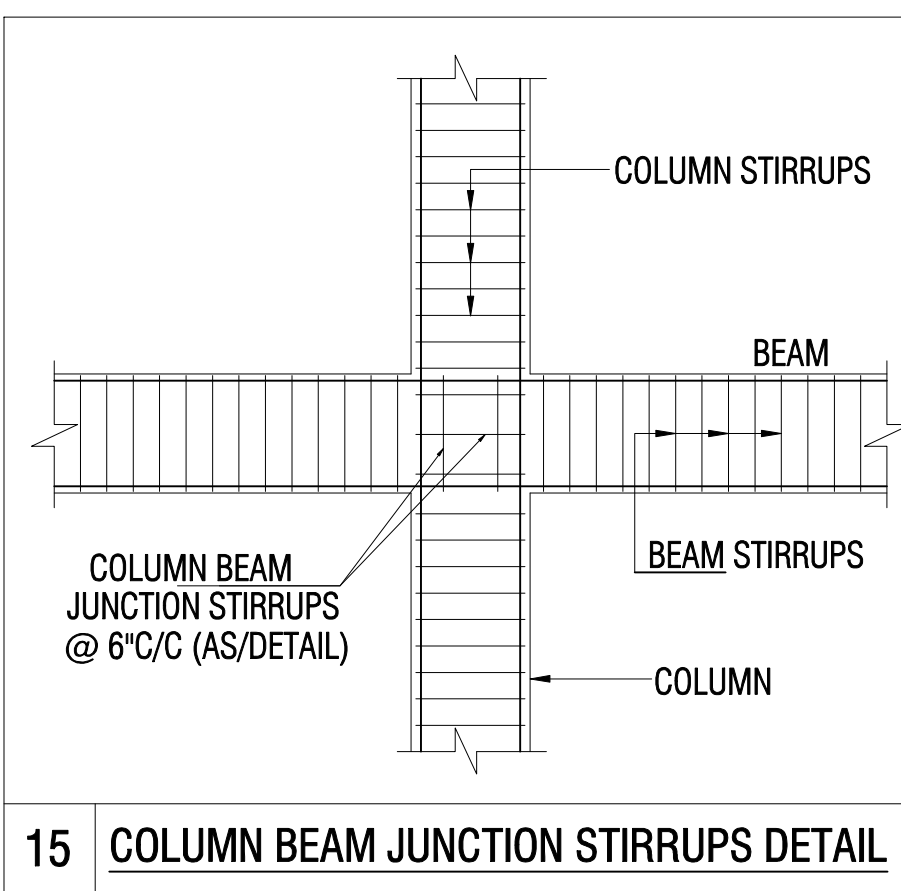
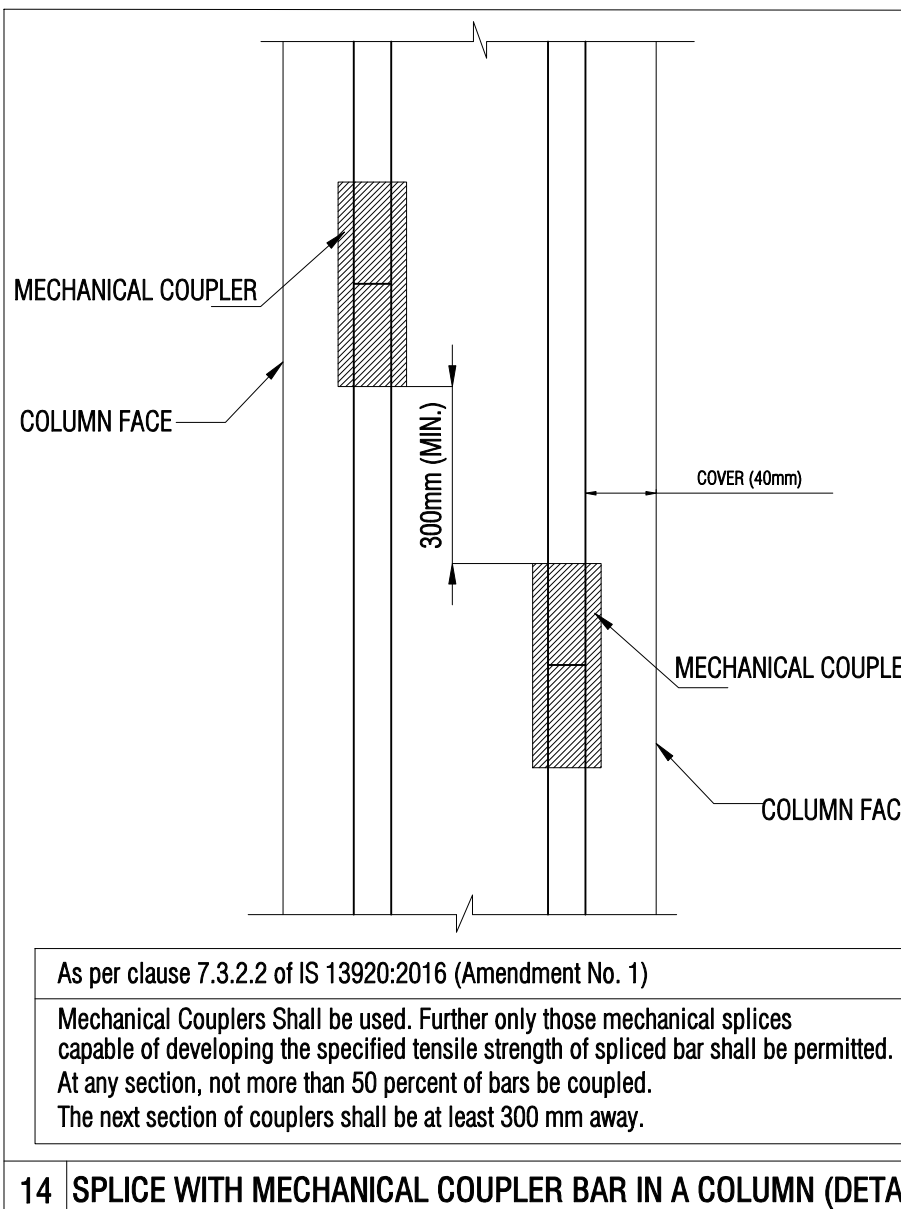
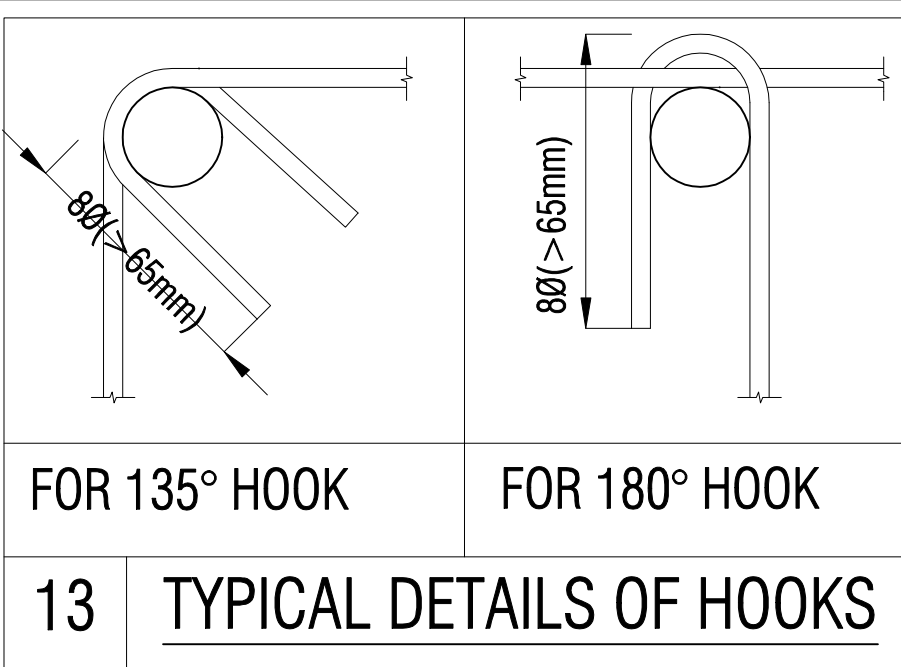
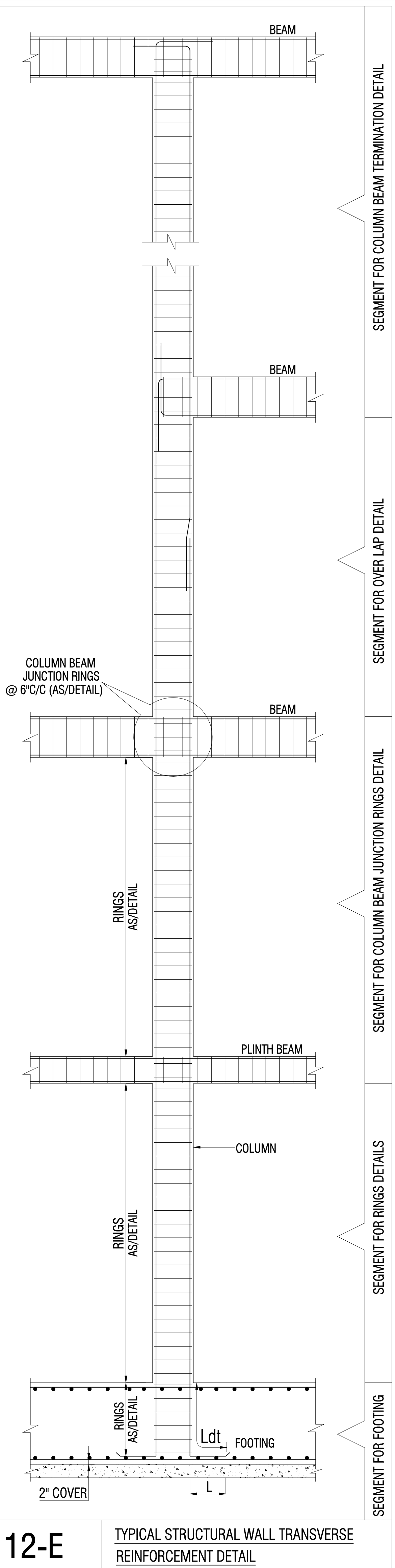
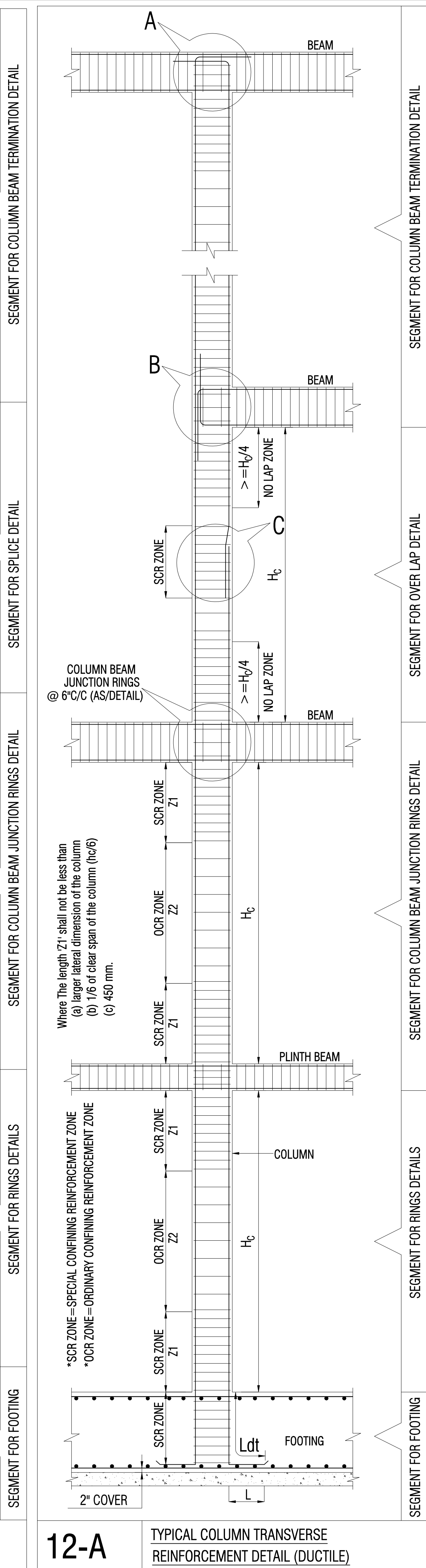
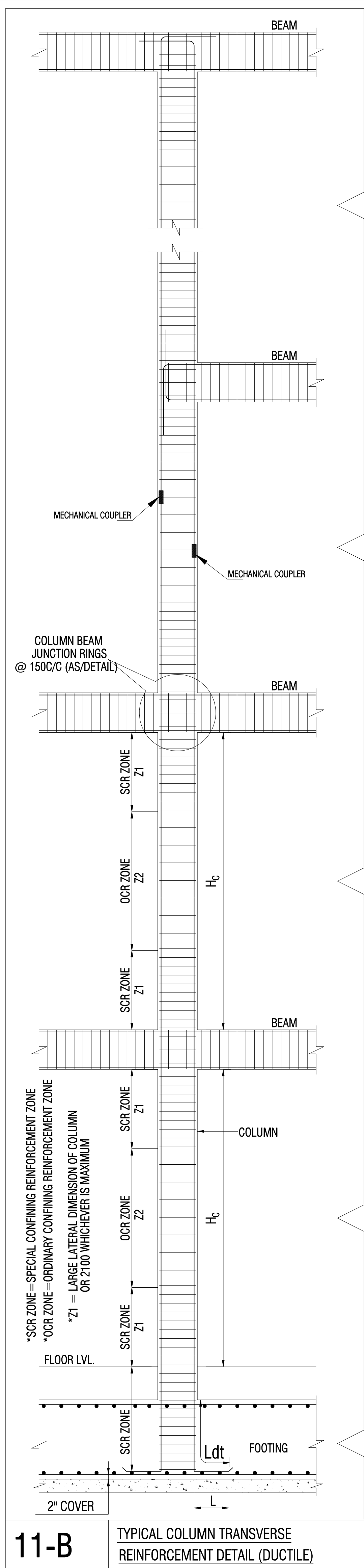




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GENERAL NOTES:	
1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM	
2. DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSION ONLY.	
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.	
4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTER UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.	
ABBREVIATIONS:	
* N.T.S. = NOT TO SCALE	
* B.W. = BOTH WAYS	
* T/B = TOP & BOTTOM	
DESIGN DATA:	
GRADE OF CONCRETE	M-25
GRADE OF STEEL	Fe-550 D
BUILDING DESIGN FOR	S+G+5
SBC CONSIDERED	12 T/m2

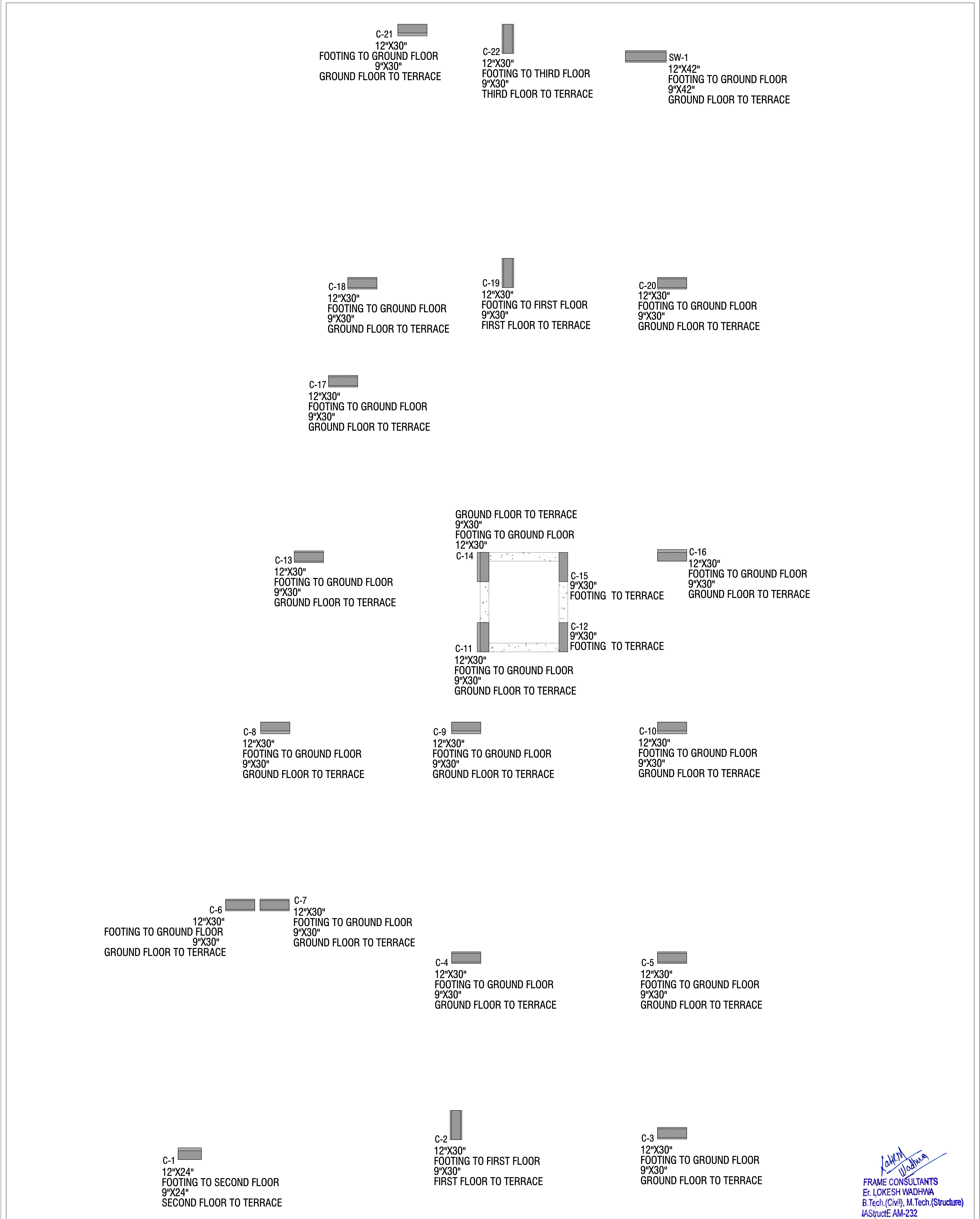
REINFORCEMENT DETAILS:	
1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 550 N/mm ² CONFORMING TO IS 1786-1985, SHALL BE USED.	
2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.	
3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION	
4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.	
CONC.GRADE	Ldt
M-25	54Ø
5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@8°C/C OTHERWISE MENTIONED.	
6. REINFORCEMENT IN VARIOUS ELEMENTS IS SPECIFIED AS FOLLOWS:	
{ NUMBER OF BARS. a) 4#16 { DIA OF BARS IN mm. { DIA OF BARS IN mm. b) #10 @150 { C/C SPACING OF BARS IN mm.	

CONCRETE DETAILS:			
1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGRGATE SHALL BE 3/4" UNLESS OTHERWISE STATED.			
2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED.			
3. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-			
PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	50mm	50mm	50mm
COLUMNS/ S.WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE) 20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE) 40mm (ON EARTH SIDE)

MISCELLANEOUS:		
1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED.		
* WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS.		
* SLABS (PROPS LEFT UNDER)-----3 DAYS.		
* BEAM SOFFITS (PROPS LEFT)-----7 DAYS.		
* REMOVAL OF PORPS UNDER SLAB-----7 DAYS.		
SPAN UP TO 4.5 METER-----14 DAYS.		
SPAN OVER TO 6.0 METER-----21 DAYS.		
2. SPACER BERS:- SHALL BE 20MM DIA AS MAX. 4'-0"(1200) INTERVALS		
SYMBOLS:		
* BOTTOM BARS IN PLAN SHOWN THUS. _____		
* TOP BARS IN PLAN SHOWN THUS. -----		
REV. NO.	DATE:	REMARK

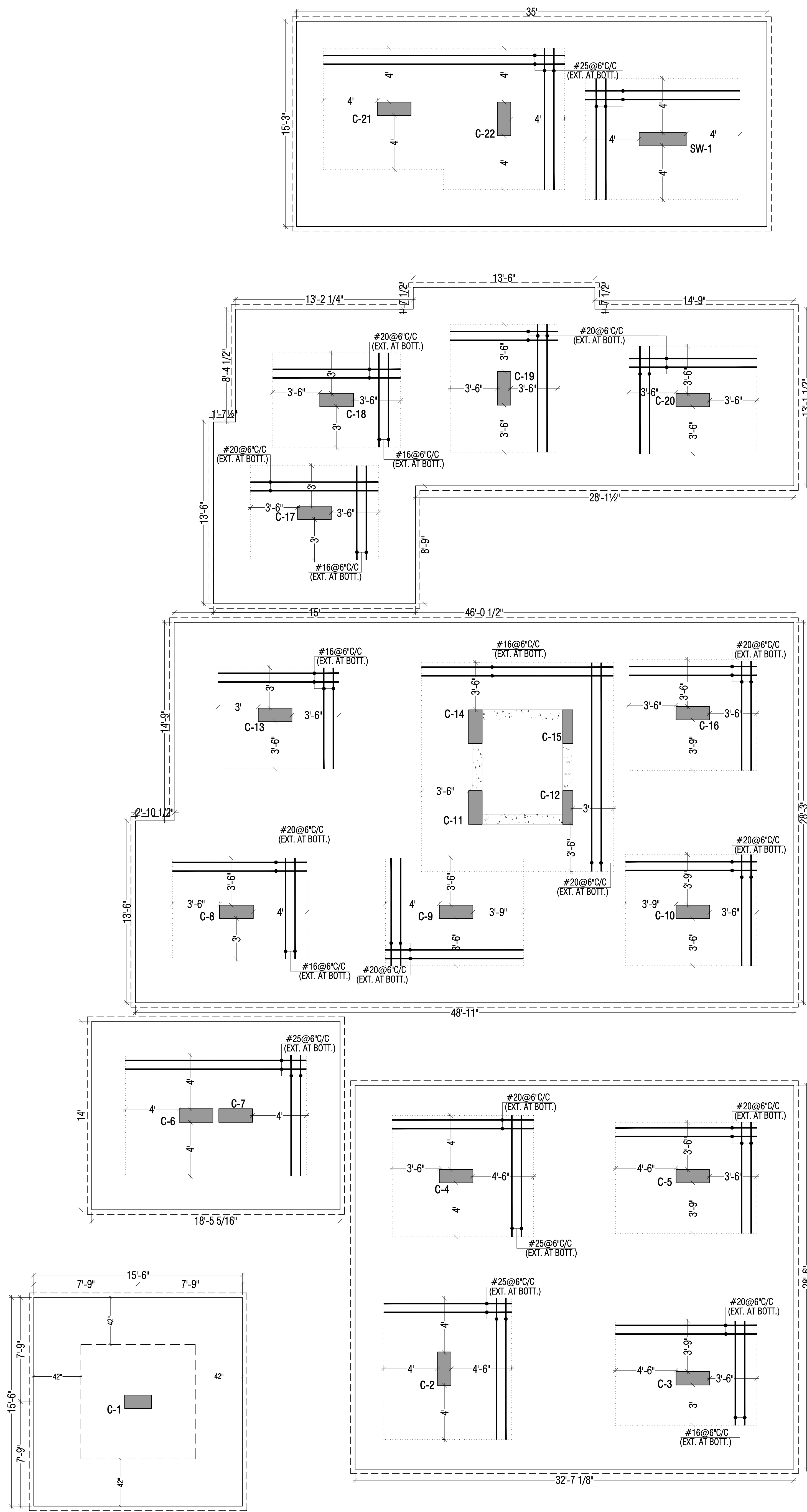
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MJB Athulyam II MJB BUILD DEVELOPERS PROPOSED BUILDING AT PLOT NO.- 04 (RES.), IN SCHEME - SHIV SHAKTI NAGAR VISTAR (NUJI KHATEDAR), JAIPUR	
DRAWING TITLE:	
GENERAL NOTES	
CADD DEVELOPED:-	ER. MAHENDRA KUMAWAT
DESIGN BY :-	ER. LOKESH WADHWA
CHECKED BY:-	ER. RAJESH KUMAWAT
SCALE:-	N.T.S.
DRAWING NO:-	S-00
REVISION NO:-	R-00
DATE:-	24-05-2024

ARCHITECTS:	
B-6, GANESH KRIPA, MOTI MARG, BAPU NAGAR JAIPUR - 302015. TEL. 9314510603, 0141-4062903	
STRUCTURAL CONSULTANT:	
STRUCTURAL PLANNER & DESIGNER D-85 Gautam Marg, Nirman Nagar, Jaipur Email:- frameconsultantsjaipur@gmail.com MO:- 9928816016, 9024160011	

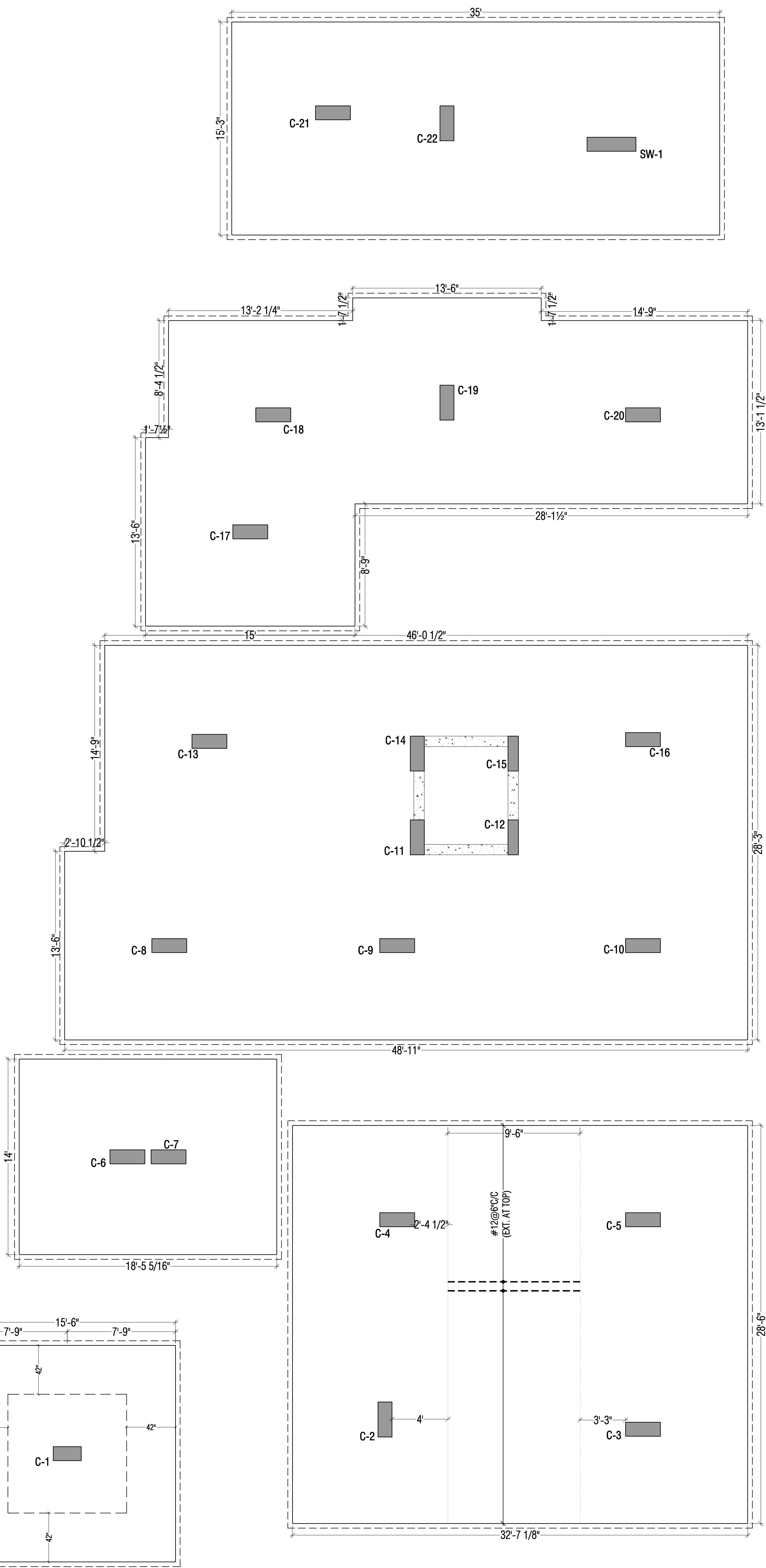
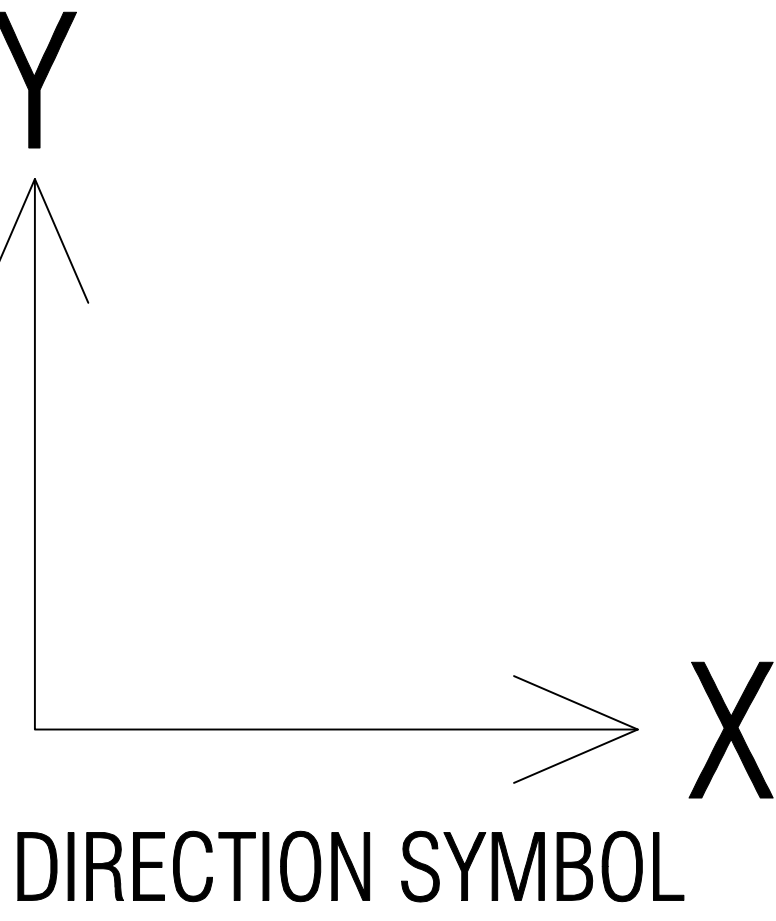
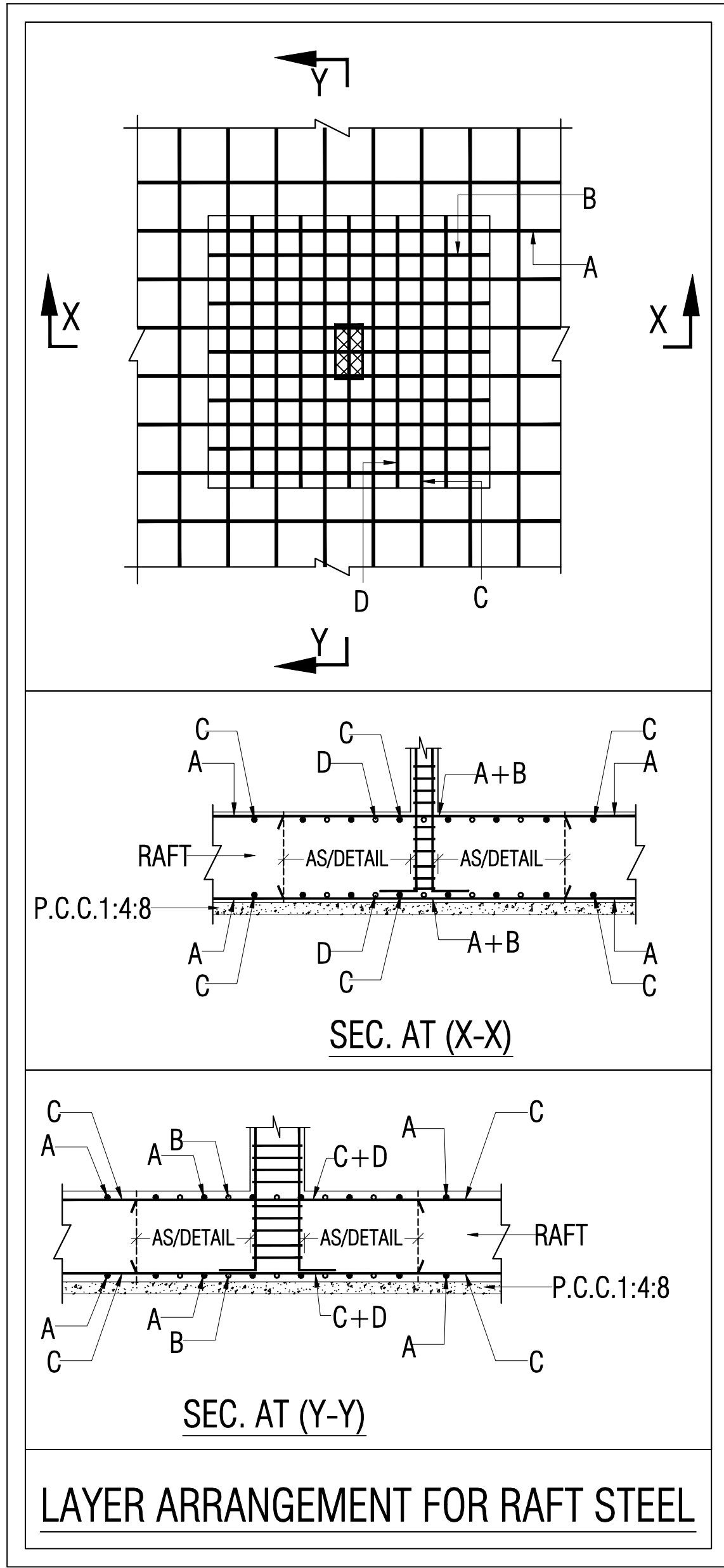


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GENERAL NOTES:		REINFORCEMENT DETAILS:		CONCRETE DETAILS:		MISCELLANEOUS:		PROJECT:		ARCHITECTS:	
1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM		1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 550 N/mm ² CONFORMING TO IS 1786-1985, SHALL BE USED.		1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGRGATE SHALL BE 3/4" UNLESS OTHERWISE STATED.		1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED.		MJB Athulyam II MJB BUILD DEVELOPERS		 B-6, GANESH KRIPA, MOTI MARG, BAPU NAGAR JAIPUR - 302015. TEL. 9314510603, 0141-4062903	
2. DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSION ONLY.		2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.		2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED.		* WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS		PROPOSED BUILDING AT PLOT NO.- 04 (RES.), IN SCHEME - SHIV SHAKTI NAGAR VISTAR (NUJI KHATEDARI), JAIPUR			
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.		3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION		3. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-		* SLABS (PROPS LEFT UNDER)-----3 DAYS.		DRAWING TITLE:			
4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.		4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW, WHERE Ø IS DIA OF BARS.		PARTICULAR		SPAN OVER TO 4.5 METER-----14 DAYS.		COLUMN LAYOUT PLAN			
		CONC.GRADE		BOTTOM		SPAN OVER TO 6.0 METER-----21 DAYS.		CADD DEVELOPED:-			
		Ldt		FOOTING				ER. MAHENDRA KUMAWAT			
		M-25		50mm				DESIGN BY :-			
				50mm				ER. LOKESH WADHWA			
				COLUMNS/ S.WALLS				CHECKED BY:-			
				25mm				ER. RAJESH KUMAWAT			
				RETAINING WALL				SCALE:-			
				40mm (EARTH SIDE)				DRAWING NO:-			
				20mm (IN SIDE)				REVISION NO:-			
				BEAMS, LINTEL				DATE:-			
				25mm							
				25mm							
				SLAB							
				20mm							
				WATER TANK (WALL & SLAB)							
				25mm							
				25mm (ON WATER FACE)							
				40mm (ON EARTH SIDE)							
		</									



RAFT BOTTOM EXTRA REINFORCEMENT PLAN



RAFT TOP EXTRA REINFORCEMENT PLAN

GENERAL NOTES:

1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM

2. DO NOT SCALE THIS DRAWING. FOLLOW WRITTEN DIMENSION ONLY.

3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.

4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTER UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS:

1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 550 N/mm2 CONFORMING TO IS 1786-1985, SHALL BE USED.

2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.

3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION

4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.

CONC. GRADE	Ldt
M-25	54Ø

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@8"C/C OTHERWISE MENTIONED.

6. REINFORCEMENT IN VARIOUS ELEMENTS IS SPECIFIED AS FOLLOWS:

a) 4#16

NUMBER OF BARS.

DIA OF BARS IN mm.

b) #10 @150

DIA OF BARS IN mm.

C/C SPACING OF BARS IN mm.

CONCRETE DETAILS:

1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGRGATE SHALL BE 3/4" UNLESS OTHERWISE STATED.

2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED.

3. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-

PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	50mm	50mm	50mm
COLUMNS/ S. WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE)
			20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE)
			40mm (ON ERTH SIDE)

CONCRETE DETAILS:

1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED.

* WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS.

* SLABS (PROPS LEFT UNDER)----- 3 DAYS.

* BEAM SOFFITS (PROPS LEFT) ----- 7 DAYS.

* REMOVAL OF PORPS UNDER SLAB----- 7 DAYS.

SPAN UP TO 4.5 METER----- 14 DAYS.

SPAN OVER TO 6.0 METER----- 21 DAYS.

2. SPACER BERS:- SHALL BE 20MM DIA AS MAX. 4'-0"(1200) INTERVALS

SYMBOLS:

* BOTTOM BARS IN PLAN SHOWN THUS. _____

* TOP BARS IN PLAN SHOWN THUS. _____

ABBREVIATIONS:

* N.T.S. = NOT TO SCALE

* R.F. = REINFORCEMENT

* B.W. = BOTH WAYS

* T/B = TOP & BOTTOM

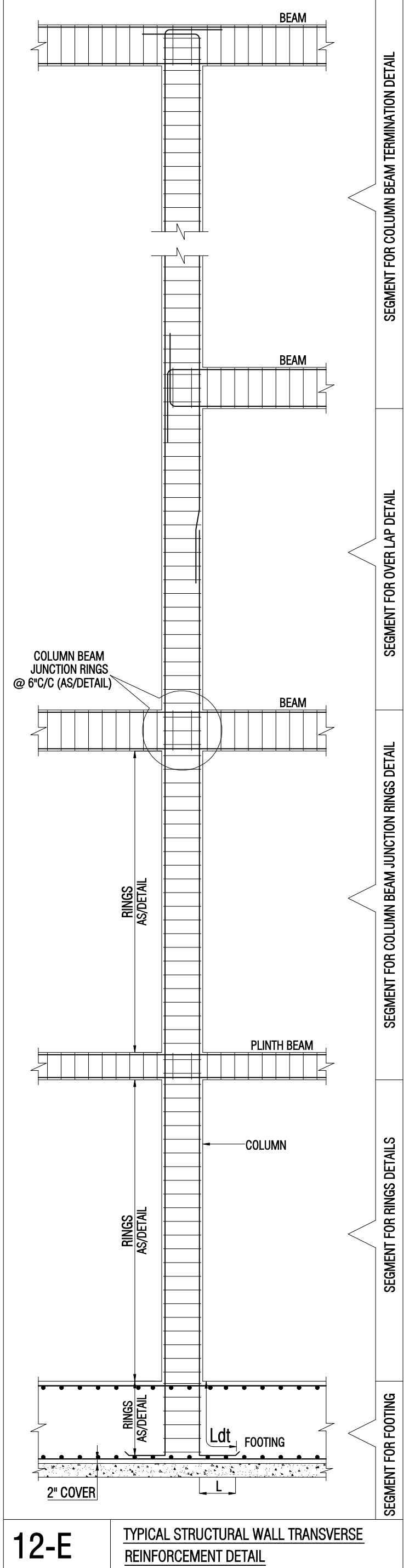
DESIGN DATA:-

GRADE OF CONCRETE	M-25
GRADE OF STEEL	Fe-550 D
BUILDING DESIGN FOR	S+G+5
SBC CONSIDERED	12 T/m2

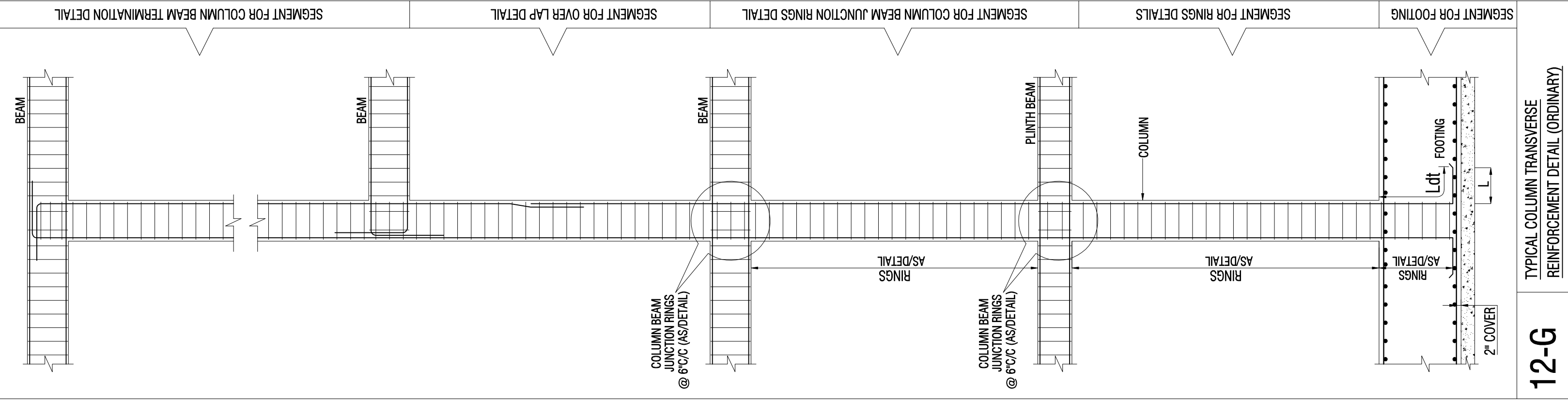
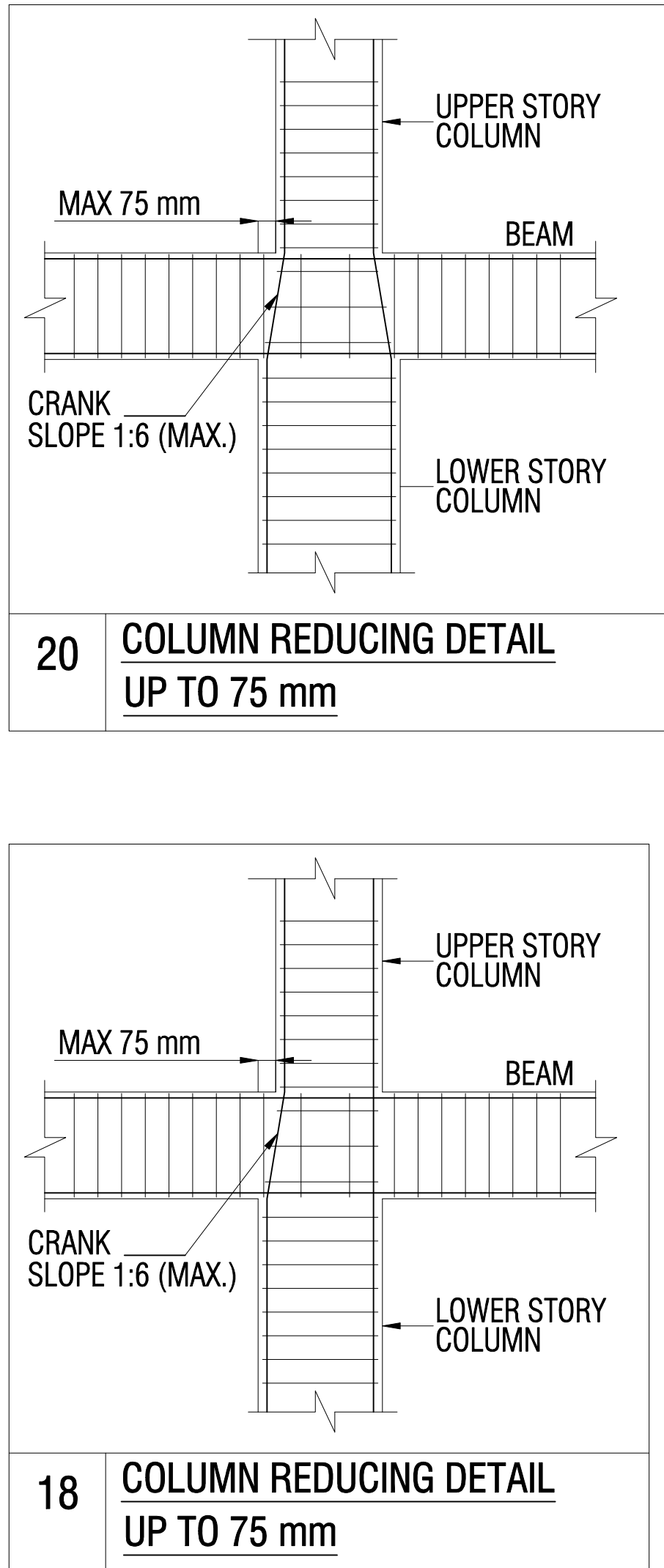
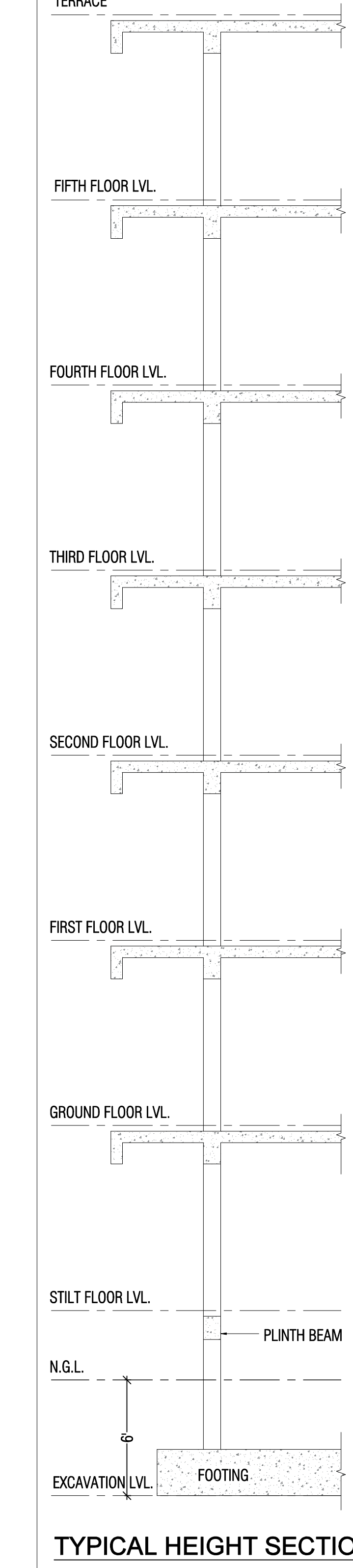
ER. LOKESH WADHWIA
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B.Tech.(Civl), M.Tech.(Structure)
IAStructE AM-232

FIFTH FLOOR LVL. TO TERRACE	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #16@6"C/C	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6"C/C
FOURTH FLOOR LVL. TO FIFTH FLOOR LVL.	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6+C#12	RINGS #16#12	RINGS #4#16+8#12	RINGS #16#12	RINGS #16#16	RINGS #12#16	RINGS #14#16	RINGS #12#16	RINGS #4#16+8#12
THIRD FLOOR LVL. TO FOURTH FLOOR LVL.	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6+C#12	RINGS #16#12	RINGS #4#16+8#12	RINGS #16#12	RINGS #16#16	RINGS #12#16	RINGS #14#16	RINGS #12#16	RINGS #4#16+8#12
SECOND FLOOR LVL. TO THIRD FLOOR LVL.	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6+C#12	RINGS #16#12	RINGS #4#16+8#12	RINGS #16#12	RINGS #16#16	RINGS #12#16	RINGS #14#16	RINGS #12#16	RINGS #4#16+8#12
FIRST FLOOR LVL. TO SECOND FLOOR LVL.	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6+C#12	RINGS #16#12	RINGS #4#16+8#12	RINGS #16#12	RINGS #16#16	RINGS #12#16	RINGS #14#16	RINGS #12#16	RINGS #4#16+8#12
GROUND FLOOR LVL. TO FIRST FLOOR LVL.	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6+C#12	RINGS #16#12	RINGS #4#16+8#12	RINGS #16#12	RINGS #16#16	RINGS #12#16	RINGS #14#16	RINGS #12#16	RINGS #4#16+8#12
FOOTING TO GROUND FLOOR LVL.	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6+C#12	RINGS #16#12	RINGS #4#16+8#12	RINGS #16#12	RINGS #16#16	RINGS #12#16	RINGS #14#16	RINGS #12#16	RINGS #4#16+8#12
COLUMN MARKED	C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11

FIFTH FLOOR LVL. TO TERRACE	RINGS#8@6" C/C
FOURTH FLOOR LVL. TO FIFTH FLOOR LVL.	8#20+12#16 RINGS#8@6" C/C
THIRD FLOOR LVL. TO FOURTH FLOOR LVL.	8#20+12#16 RINGS#8@6" C/C
SECOND FLOOR LVL. TO THIRD FLOOR LVL.	8#20+12#16 RINGS#8@6" C/C
FIRST FLOOR LVL. TO SECOND FLOOR LVL.	12#20+8#16 RINGS#8@6" C/C
GROUND FLOOR LVL. TO FIRST FLOOR LVL.	20#20 RINGS#8@6" C/C
FOOTING TO GROUND FLOOR LVL.	12#25+4#20 RINGS#8@5" C/C
WALL MARKED	SW-1



FIFTH FLOOR LVL. TO TERRACE	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #16@6"C/C	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6"C/C	RINGS #8@6"C/C
FOURTH FLOOR LVL. TO FIFTH FLOOR LVL.	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12
THIRD FLOOR LVL. TO FOURTH FLOOR LVL.	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12
SECOND FLOOR LVL. TO THIRD FLOOR LVL.	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12
FIRST FLOOR LVL. TO SECOND FLOOR LVL.	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12
GROUND FLOOR LVL. TO FIRST FLOOR LVL.	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12
FOOTING TO GROUND FLOOR LVL.	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12	RINGS #8@6+C#12
COLUMN MARKED	C-12	C-13	C-14	C-15	C-16	C-17	C-18	C-19	C-20	C-21	C-22



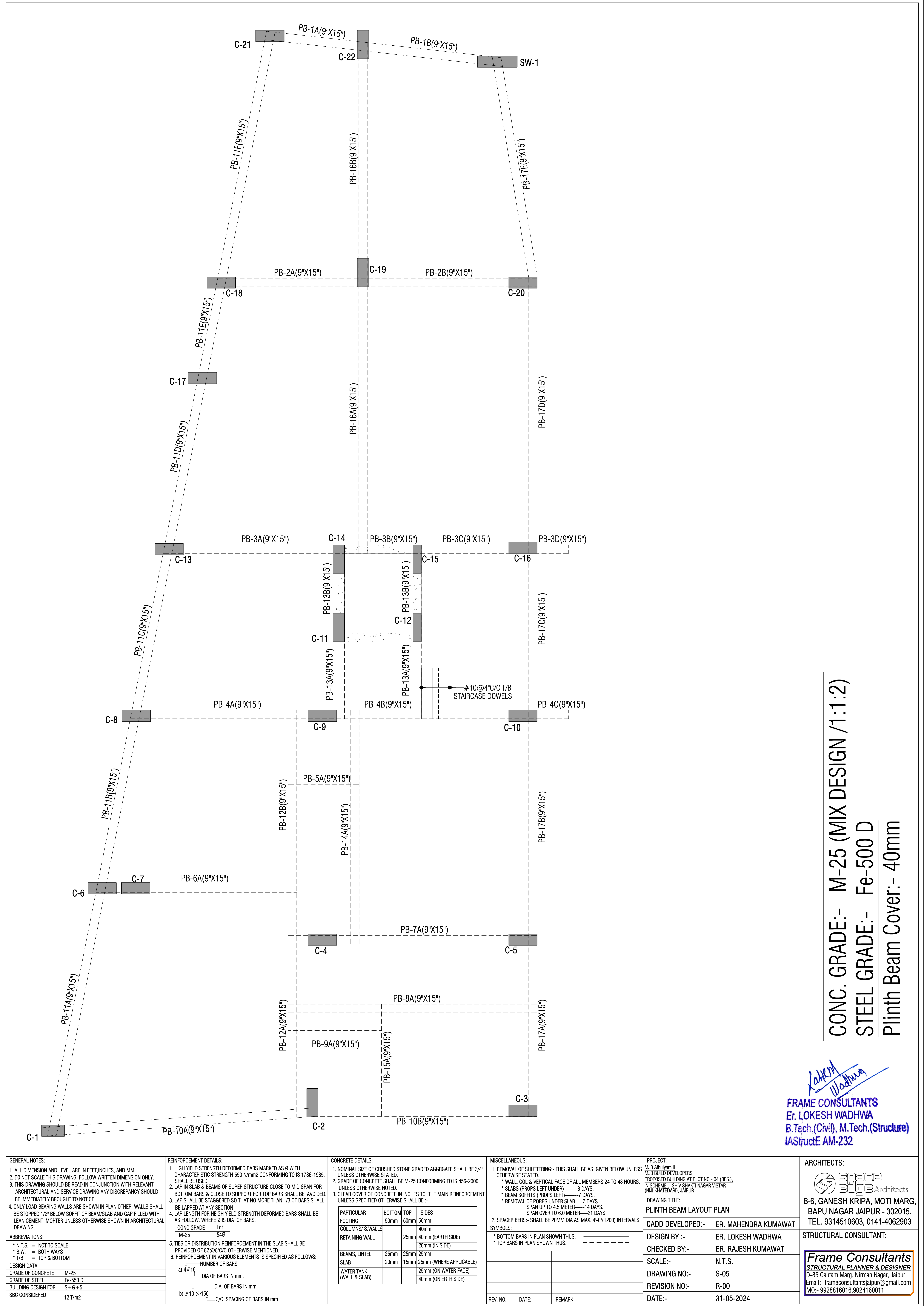
Lokesh Wadhwa
FRAME CONSULTANTS
Er. LOKESH WADHWA
B.Tech.(Civil), M.Tech.(Structure)
IAStructE AM-232

BAR DIA LEGENDS

#25	#20	#16	#12

CONC. GRADE:- M-25 (MIX DESIGN /1:1:2)
STEEL GRADE:- Fe-550 D

GENERAL NOTES: 1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM 2. DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSION ONLY. 3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE. 4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING. ABBREVIATIONS: * N.T.S. = NOT TO SCALE * B.W. = BOTH WAYS * 1/B = TOP & BOTTOM DESIGN DATA: GRADE OF CONCRETE M-25 GRADE OF STEEL Fe-550 D BUILDING DESIGN FOR S+G+5 SBC CONSIDERED 12 T/m2	REINFORCEMENT DETAILS: 1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 550 N/mm2 CONFORMING TO IS 1786-1985, SHALL BE USED. 2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED. 3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION 4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOWS: WHERE Ø IS DIA OF BARS. CONC.GRADE M-25 1. 4#16 2. 4#16 3. 4#16 4. 4#16 5. 4#16 6. 4#16 7. 4#16 8. 4#16 9. 4#16 10. 4#16 11. 4#16 12. 4#16 13. 4#16 14. 4#16 15. 4#16 16. 4#16 17. 4#16 18. 4#16 19. 4#16 20. 4#16 21. 4#16 22. 4#16 23. 4#16 24. 4#16 25. 4#16 26. 4#16 27. 4#16 28. 4#16 29. 4#16 30. 4#16 31. 4#16 32. 4#16 33. 4#16 34. 4#16 35. 4#16 36. 4#16 37. 4#16 38. 4#16 39. 4#16 40. 4#16 41. 4#16 42. 4#16 43. 4#16 44. 4#16 45. 4#16 46. 4#16 47. 4#16 48. 4#16 49. 4#16 50. 4#16 51. 4#16 52. 4#16 53. 4#16 54. 4#16 55. 4#16 56. 4#16 57. 4#16 58. 4#16 59. 4#16 60. 4#16 61. 4#16 62. 4#16 63. 4#16 64. 4#16 65. 4#16 66. 4#16 67. 4#16 68. 4#16 69. 4#16 70. 4#16 71. 4#16 72. 4#16 73. 4#16 74. 4#16 75. 4#16 76. 4#16 77. 4#16 78. 4#16 79. 4#16 80. 4#16 81. 4#16 82. 4#16 83. 4#16 84. 4#16 85. 4#16 86. 4#16 87. 4#16 88. 4#16 89. 4#16 90. 4#16 91. 4#16 92. 4#16 93. 4#16 94. 4#16 95. 4#16 96. 4#16 97. 4#16 98. 4#16 99. 4#16 100. 4#16 101. 4#16 102. 4#16 103. 4#16 104. 4#16 105. 4#16 106. 4#16 107. 4#16 108. 4#16 109. 4#16 110. 4#16 111. 4#16 112. 4#16 113. 4#16 114. 4#16 115. 4#16 116. 4#16 117. 4#16 118. 4#16 119. 4#16 120. 4#16 121. 4#16 122. 4#16 123. 4#16 124. 4#16 125. 4#16 126. 4#16 127. 4#16 128. 4#16 129. 4#16 130. 4#16 131. 4#16 132. 4#16 133. 4#16 134. 4#16 135. 4#16 136. 4#16 137. 4#16 138. 4#16 139. 4#16 140. 4#16 141. 4#16 142. 4#16 143. 4#16 144. 4#16 145. 4#16 146. 4#16 147. 4#16 148. 4#16 149. 4#16 150. 4#16 151. 4#16 152. 4#16 153. 4#16 154. 4#16 155. 4#16 156. 4#16 157. 4#16 158. 4#16 159. 4#16 160. 4#16 161. 4#16 162. 4#16 163. 4#16 164. 4#16 165. 4#16 166. 4#16 167. 4#16 168. 4#16 169. 4#16 170. 4#16 171. 4#16 172. 4#16 173. 4#16 174. 4#16 175. 4#16 176. 4#16 177. 4#16 178. 4#16 179. 4#16 180. 4#16 181. 4#16 182. 4#16 183. 4#16 184. 4#16 185. 4#16 186. 4#16 187. 4#16 188. 4#16 189. 4#16 190. 4#16 191. 4#16 192. 4#16 193. 4#16 194. 4#16 195. 4#16 196. 4#16 197. 4#16 198. 4#16 199. 4#16 200. 4#16 201. 4#16 202. 4#16 203. 4#16 204. 4#16 205. 4#16 206. 4#16 207. 4#16 208. 4#16 209. 4#16 210. 4#16 211. 4#16 212. 4#16 213. 4#16 214. 4#16 215. 4#16 216. 4#16 217. 4#16 218. 4#16 219. 4#16
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CONC. GRADE:- M-25 (MIX DESIGN /1:1:2)
STEEL GRADE:- Fe-500 D
Plinth Beam Cover:- 40mm

Lokesh Wadhwa
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Er. LOKESH WADHWA
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GENERAL NOTES:	
1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM	
2. DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSION ONLY.	
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.	
4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.	
ABBREVIATIONS:	
* N.T.S. = NOT TO SCALE	
* B.W. = BOTH WAYS	
* T/B = TOP & BOTTOM	
DESIGN DATA:	
GRADE OF CONCRETE	M-25
GRADE OF STEEL	Fe-550 D
BUILDING DESIGN FOR	S+G+5
SBC CONSIDERED	12 T/m2

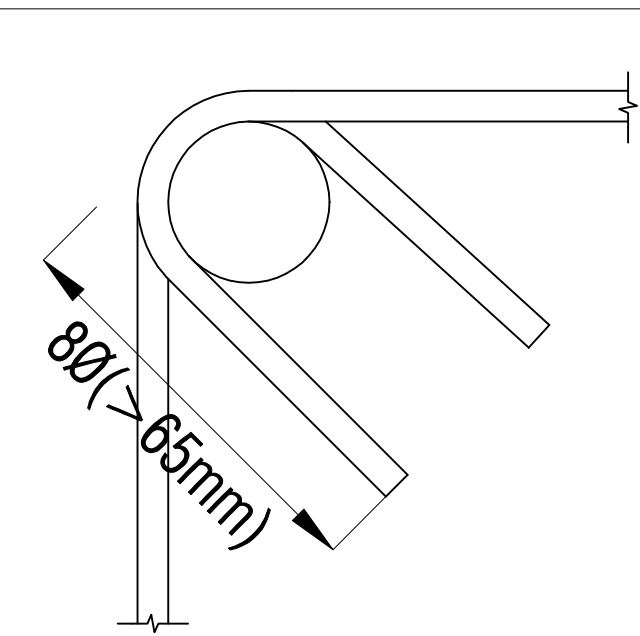
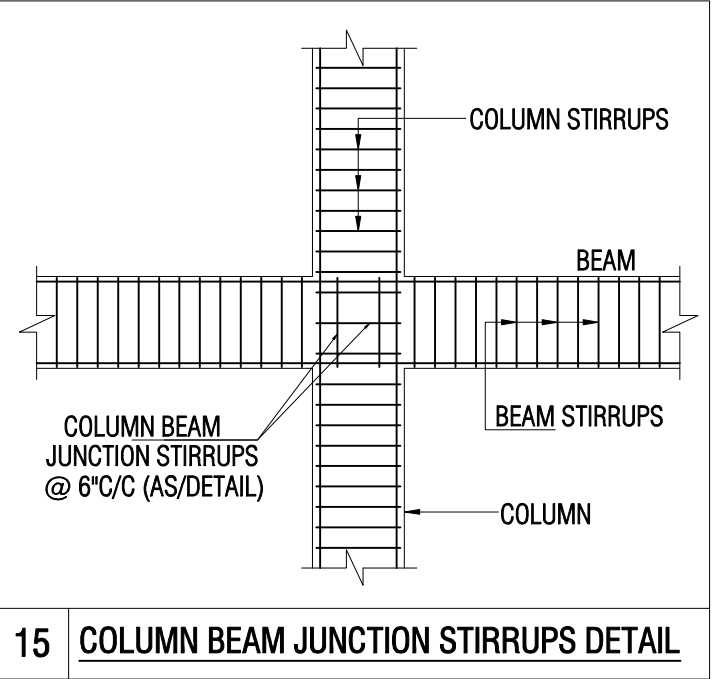
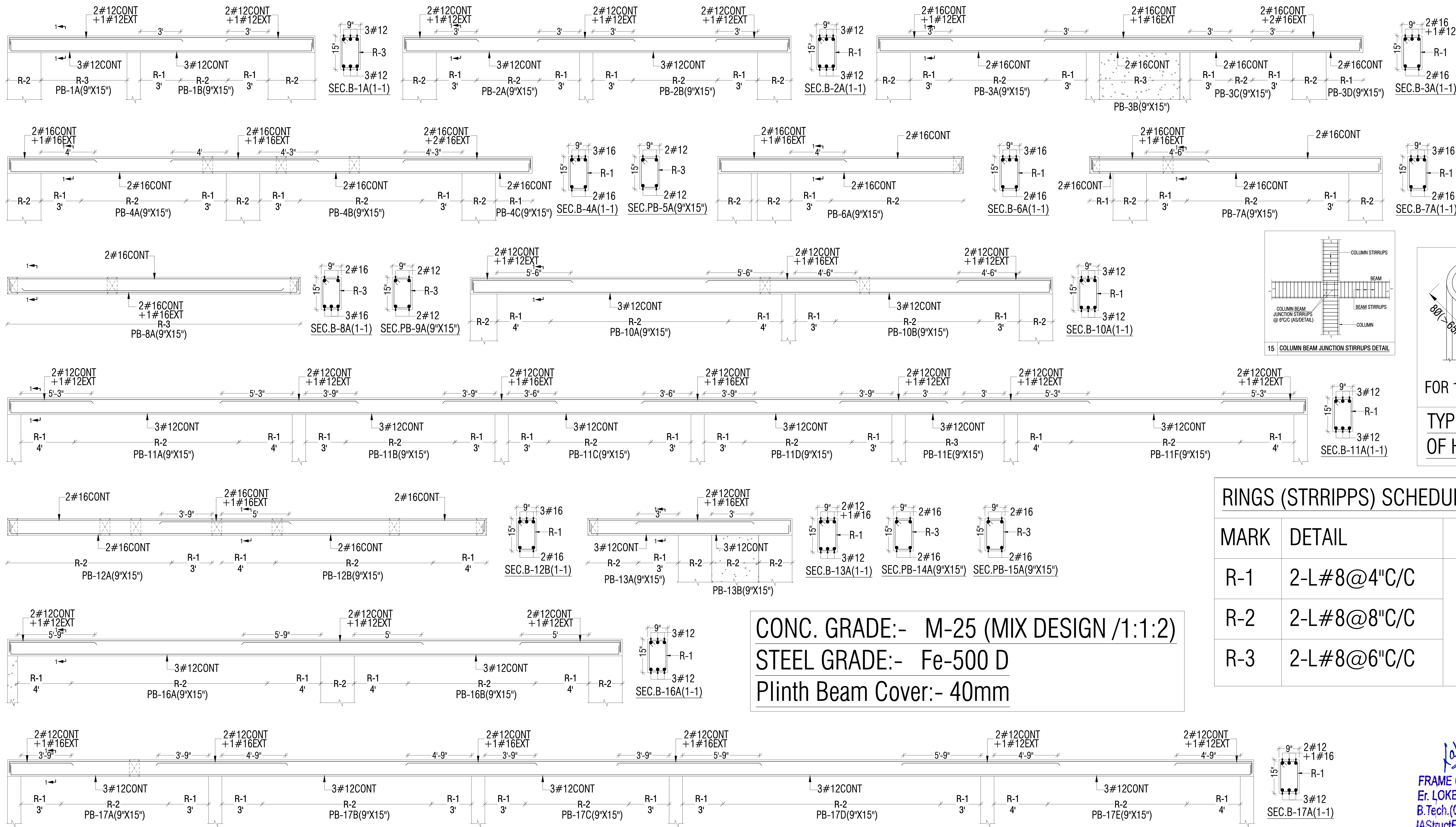
REINFORCEMENT DETAILS:	
1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 550 N/mm2 CONFORMING TO IS 1786-1985, SHALL BE USED.	
2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.	
3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION	
4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW: WHERE Ø IS DIA. OF BARS.	
CONC.GRADE	L _{dt}
M-25	54Ø
5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@8\"/>	
6. REINFORCEMENT IN VARIOUS ELEMENTS IS SPECIFIED AS FOLLOWS:	
a) 4#16 _____ DIA OF BARS IN mm.	
_____ DIA OF BARS IN mm.	
b) #10 @150 _____ C/C SPACING OF BARS IN mm.	

CONCRETE DETAILS:			
1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGRGATE SHALL BE 3/4" UNLESS OTHERWISE STATED.			
2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED.			
3. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-			
PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	50mm	50mm	50mm
COLUMNS/ S.WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE) 20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE) 25mm (ON WATER FACE) 40mm (ON ERTH SIDE)
WATER TANK (WALL & SLAB)			

MISCELLANEOUS:		
1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED.		
* WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS.		
* SLABS (PROPS LEFT UNDER)-----3 DAYS.		
* BEAM SOFFITS (PROPS LEFT)-----7 DAYS.		
* REMOVAL OF PORPS UNDER SLAB-----7 DAYS.		
SPAN UP TO 4.5 METER-----14 DAYS.		
SPAN OVER TO 6.0 METER-----21 DAYS.		
2. SPACER BERS:- SHALL BE 20MM DIA AS MAX. 4-Ø(1200) INTERVALS		
SYMBOLS:		
* BOTTOM BARS IN PLAN SHOWN THUS. _____		
* TOP BARS IN PLAN SHOWN THUS. -----		

PROJECT:	
MJB Athulyam II	
MJB BUILD DEVELOPERS	
PROPOSED BUILDING AT PLOT NO.- 04 (RES.).	
IN SCHEME :- SHIV SHAKTI NAGAR VISTAR	
(N/A KHATEDAR), JAIPUR	
DRAWING TITLE:	
PLINTH BEAM LAYOUT PLAN	
CADD DEVELOPED:-	ER. MAHENDRA KUMAWAT
DESIGN BY :-	ER. LOKESH WADHWA
CHECKED BY:-	ER. RAJESH KUMAWAT
SCALE:-	N.T.S.
DRAWING NO:-	S-05
REVISION NO:-	R-00
DATE:-	31-05-2024

ARCHITECTS:	
B-6, GANESH KRIPA, MOTI MARG,	
BAPU NAGAR JAIPUR - 302015.	
TEL. 9314510603, 0141-4062903	
STRUCTURAL CONSULTANT:	
Frame Consultants	
STRUCTURAL PLANNER & DESIGNER	
D-85 Gautam Marg, Nirman Nagar, Jaipur	
Email:- frameconsultantsjaipur@gmail.com	
MO:- 9928816016,9024160011	

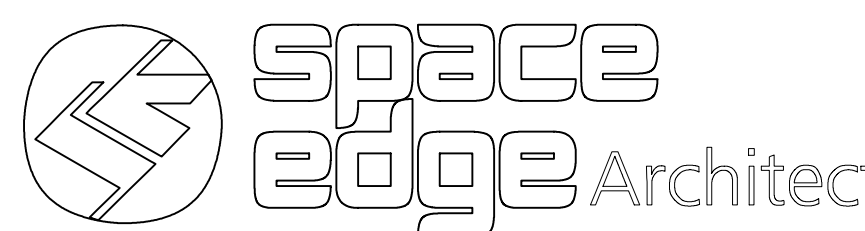


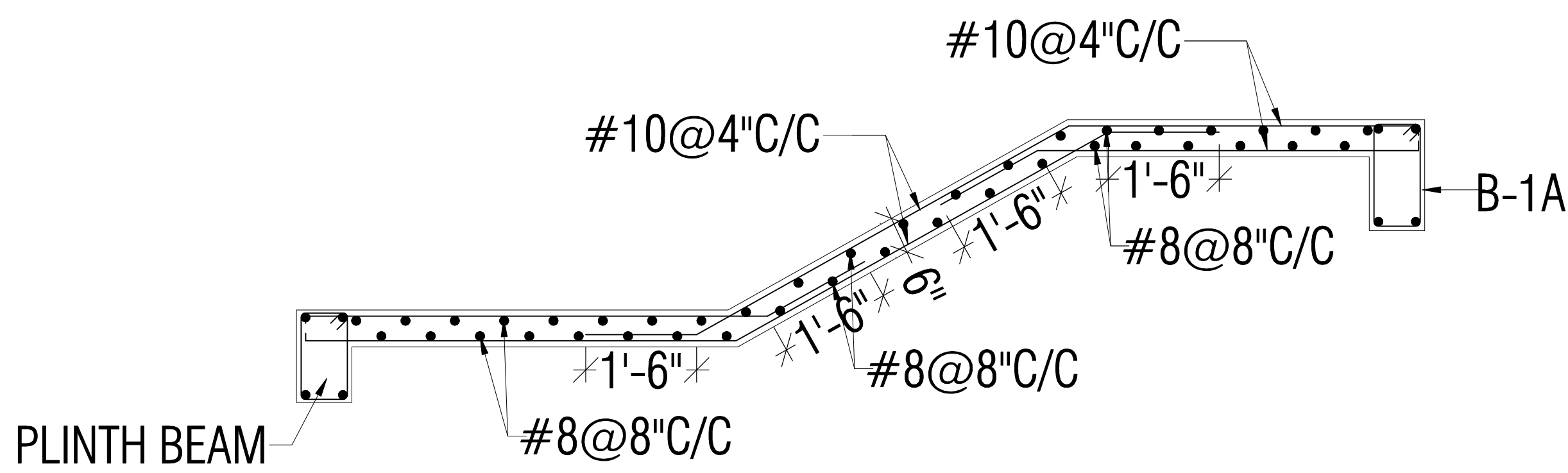
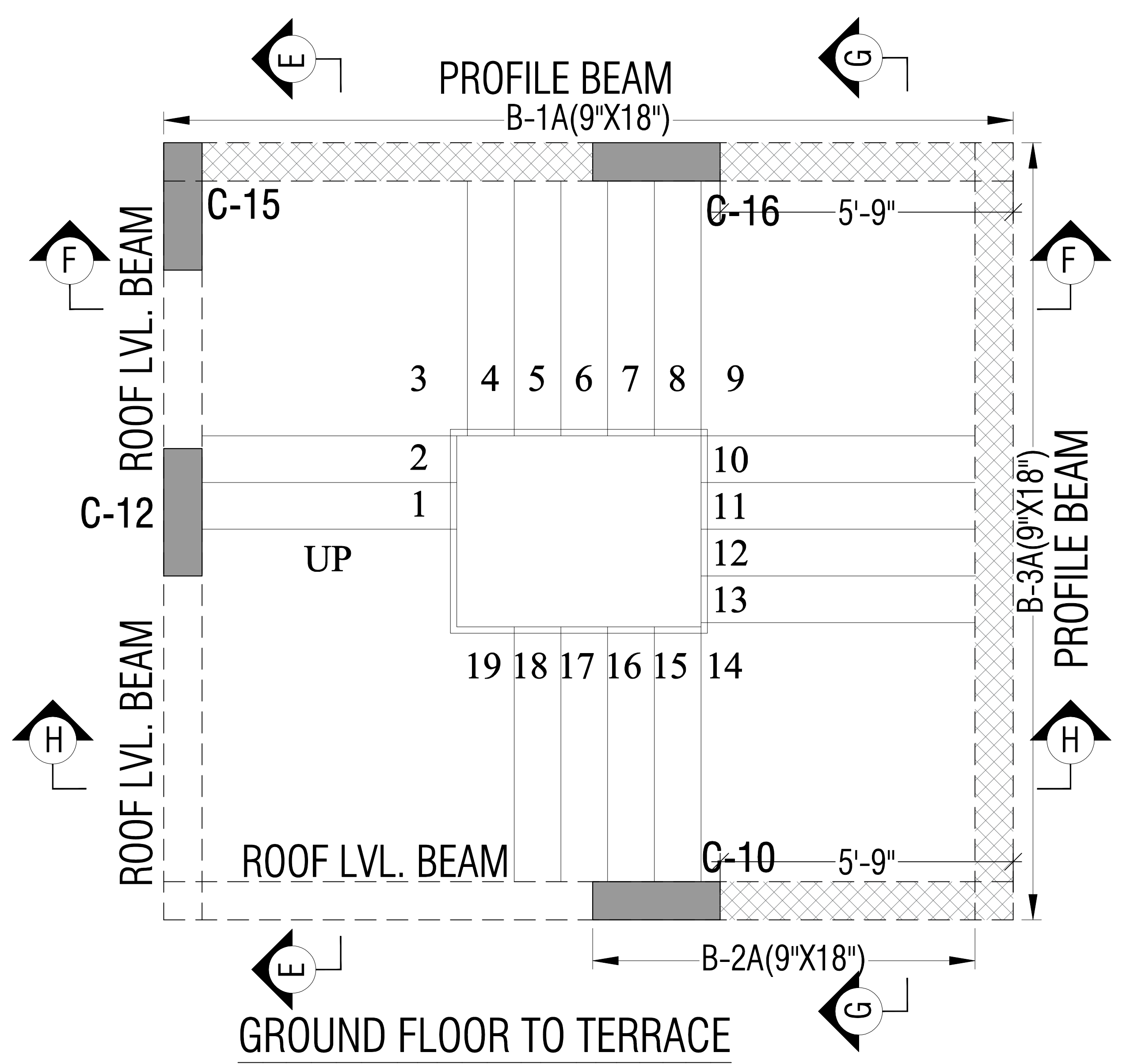
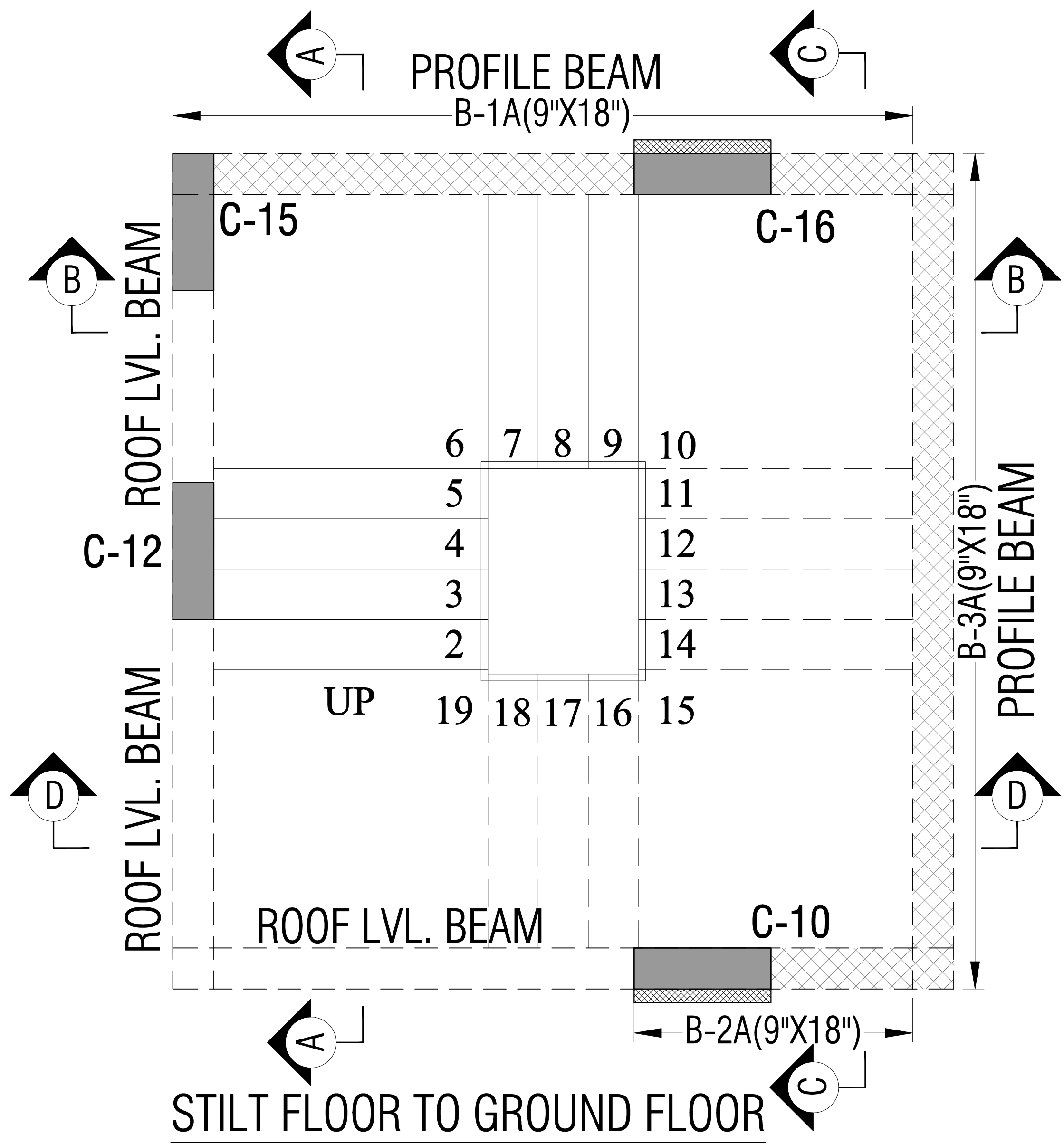
FOR 135° HOOK
TYPICAL DETAILS
OF HOOKS

RINGS (STRRIPPS) SCHEDULE

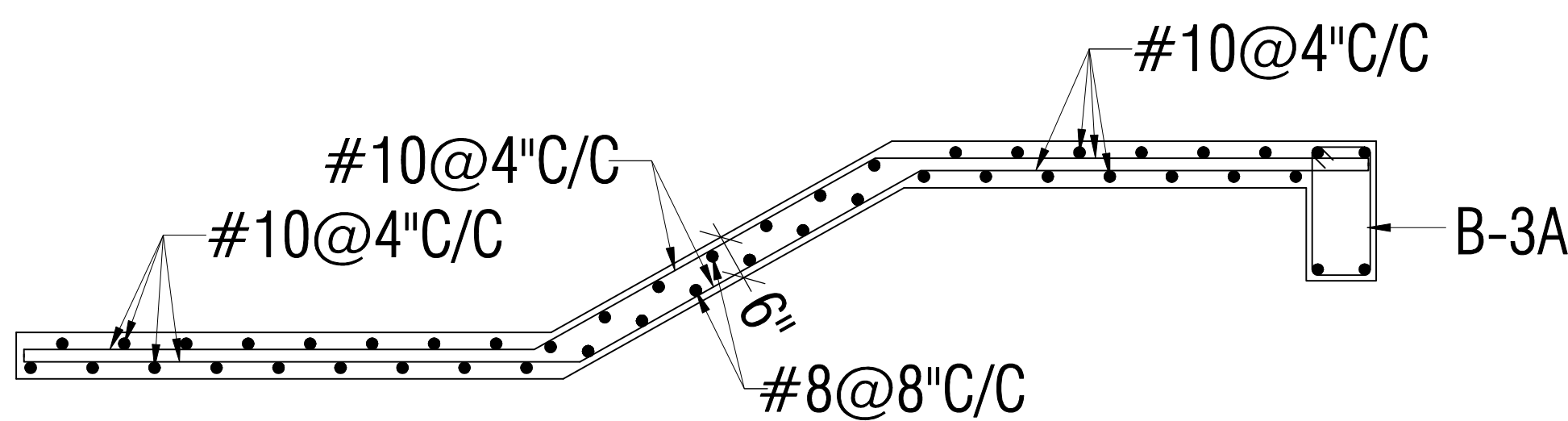
MARK	DETAIL	TYPE
R-1	2-L#8@4"C/C	
R-2	2-L#8@8"C/C	
R-3	2-L#8@6"C/C	

CONC. GRADE:- M-25 (MIX DESIGN /1:1:2)
STEEL GRADE:- Fe-500 D
Plinth Beam Cover:- 40mm

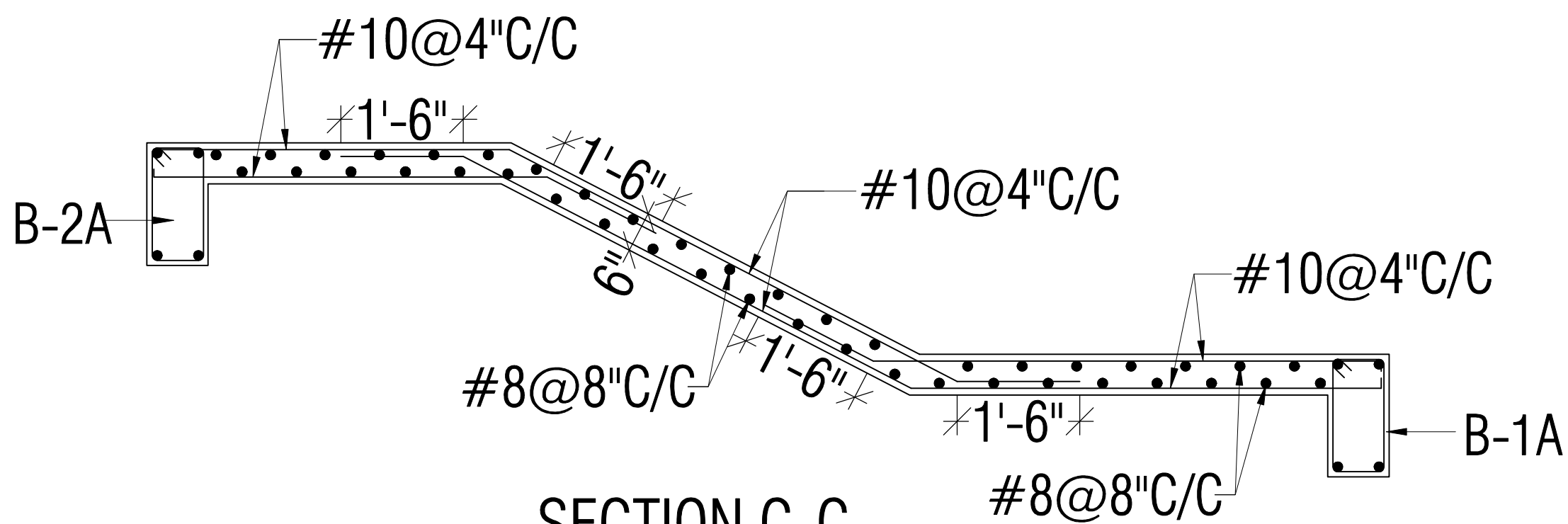
GENERAL NOTES:		REINFORCEMENT DETAILS:		CONCRETE DETAILS:		MISCELLANEOUS:		PROJECT:		ARCHITECTS:																																																																									
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		GRADE OF CONCRETE	M-25																																																																																
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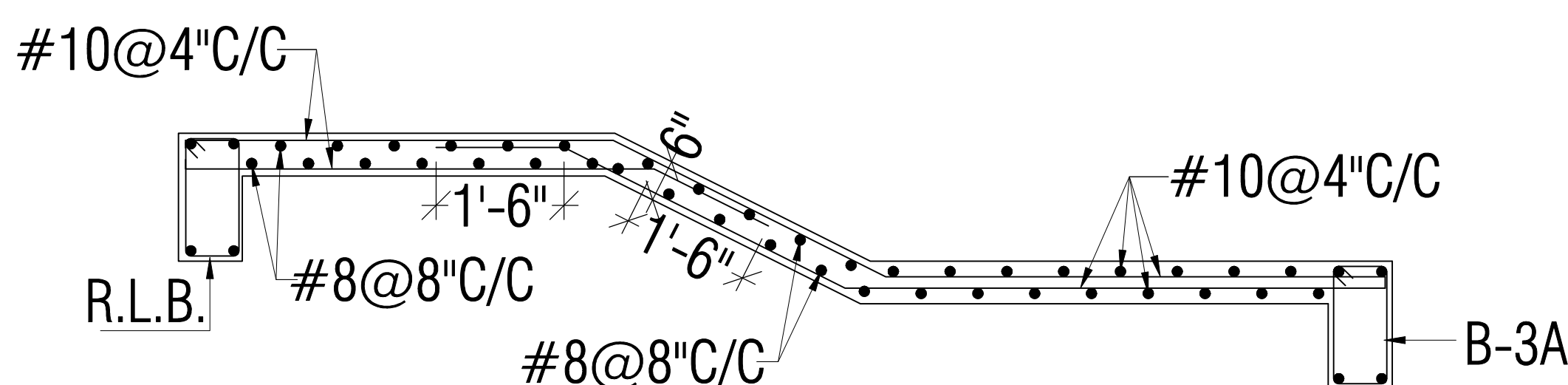
SECTION A-A



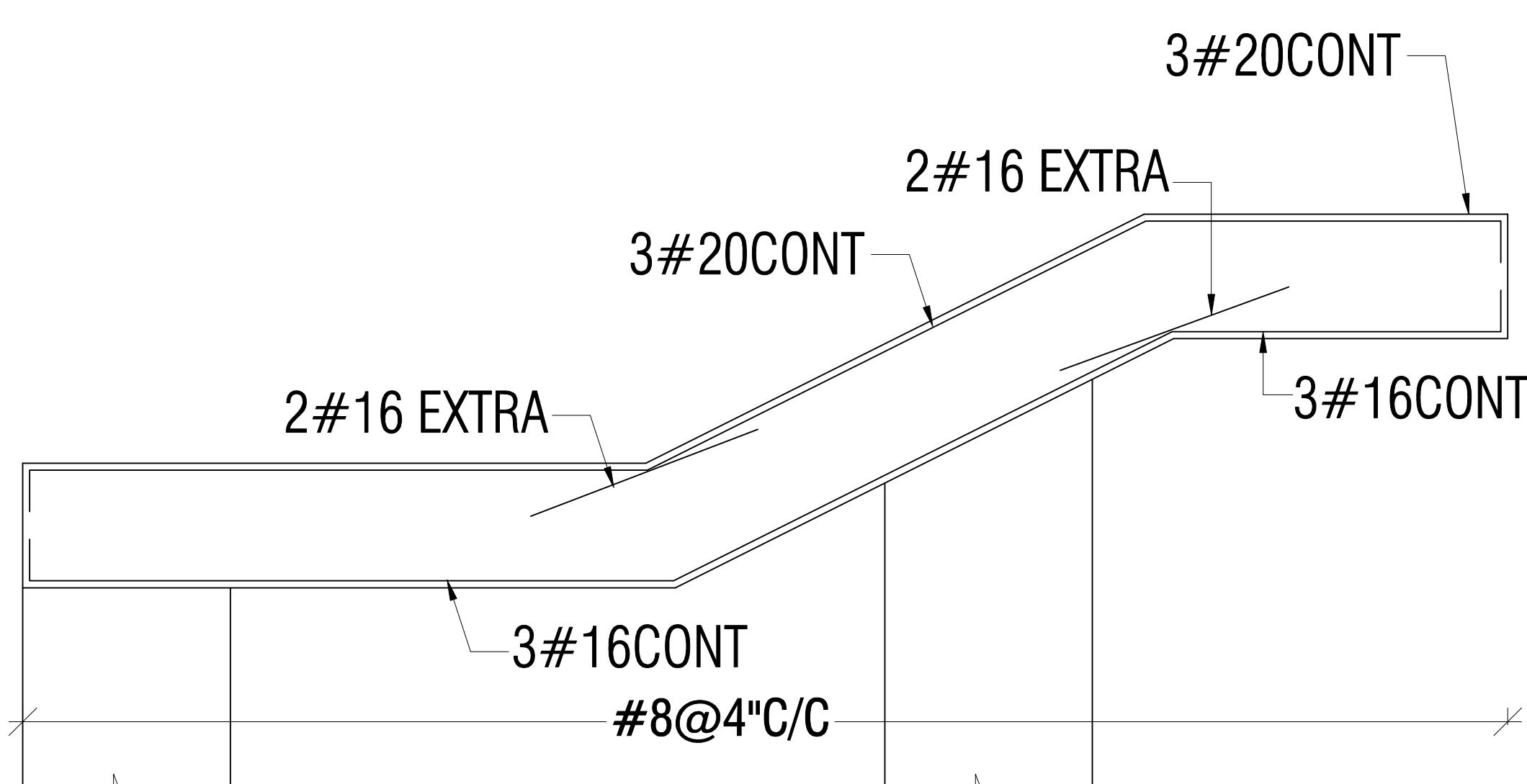
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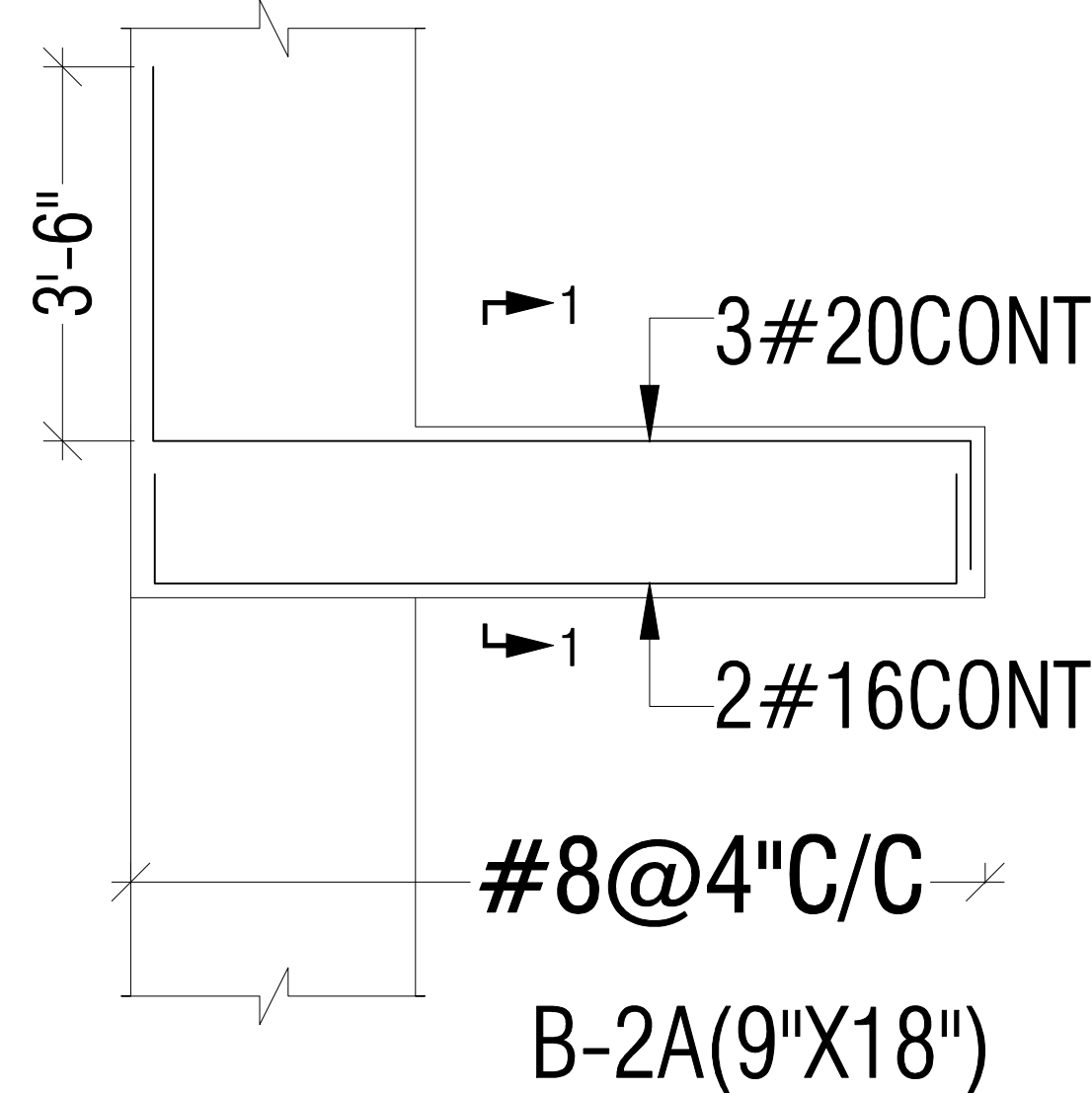
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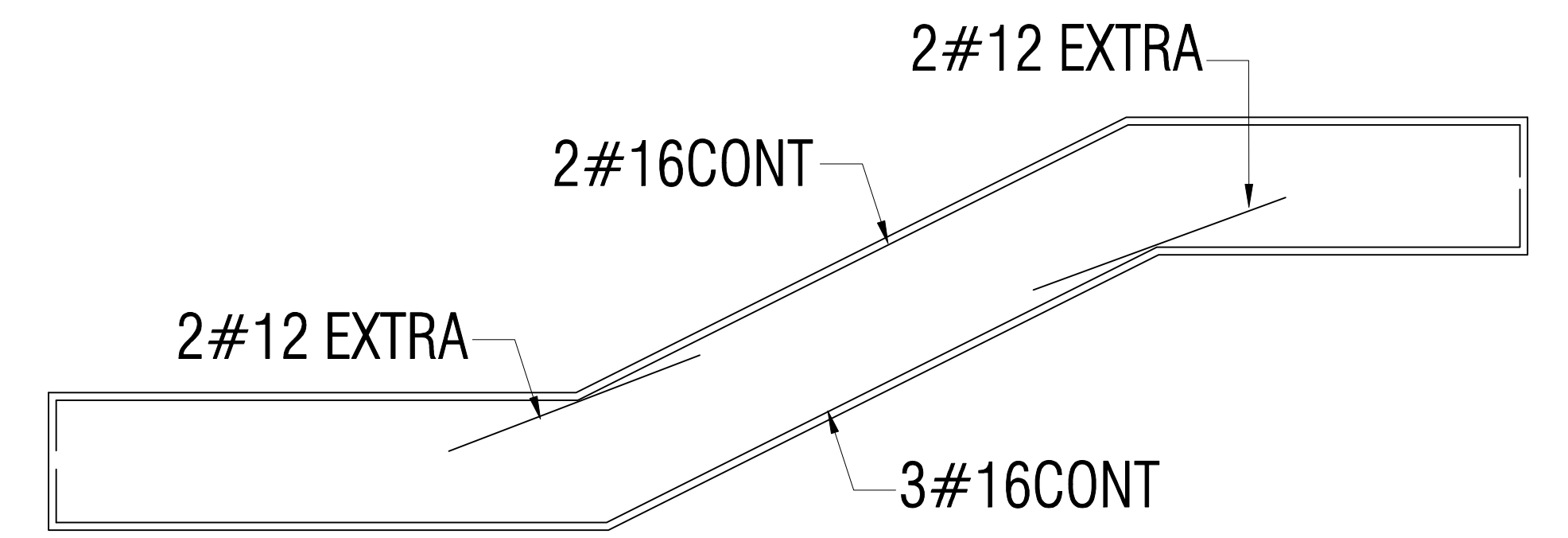
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B-2A(9\"/>



B-3A(9\"/>

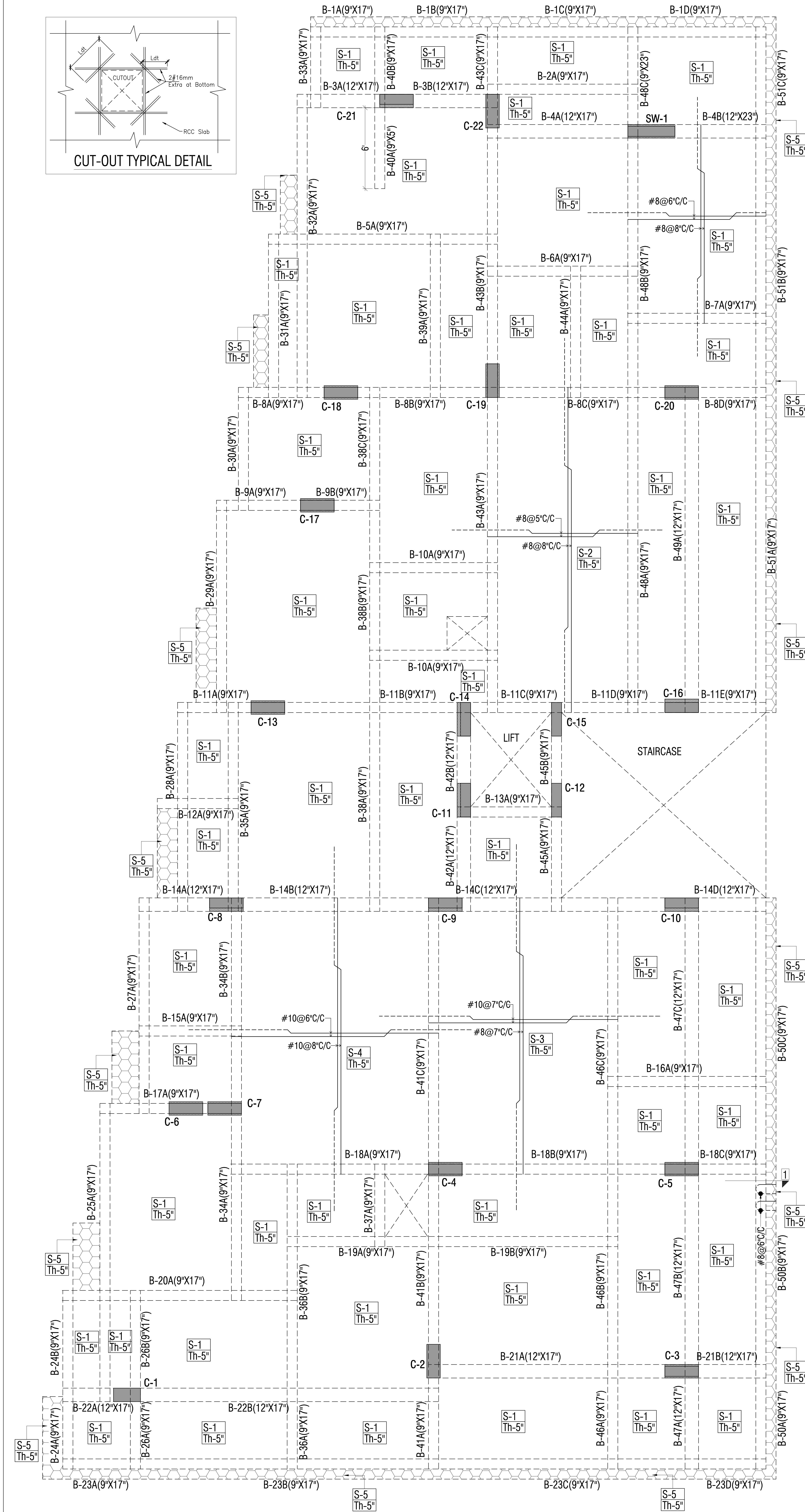
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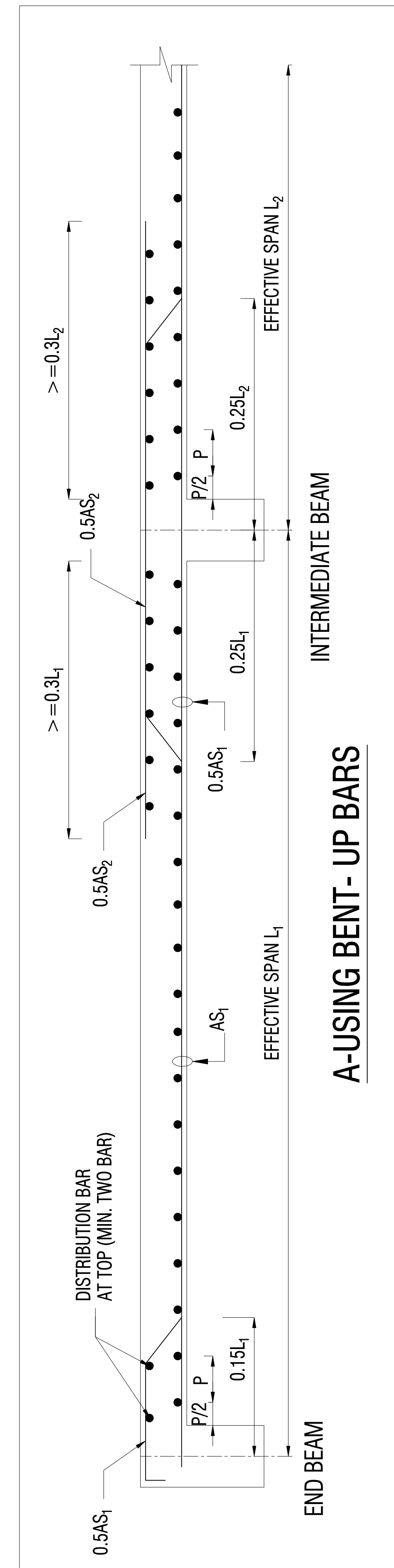
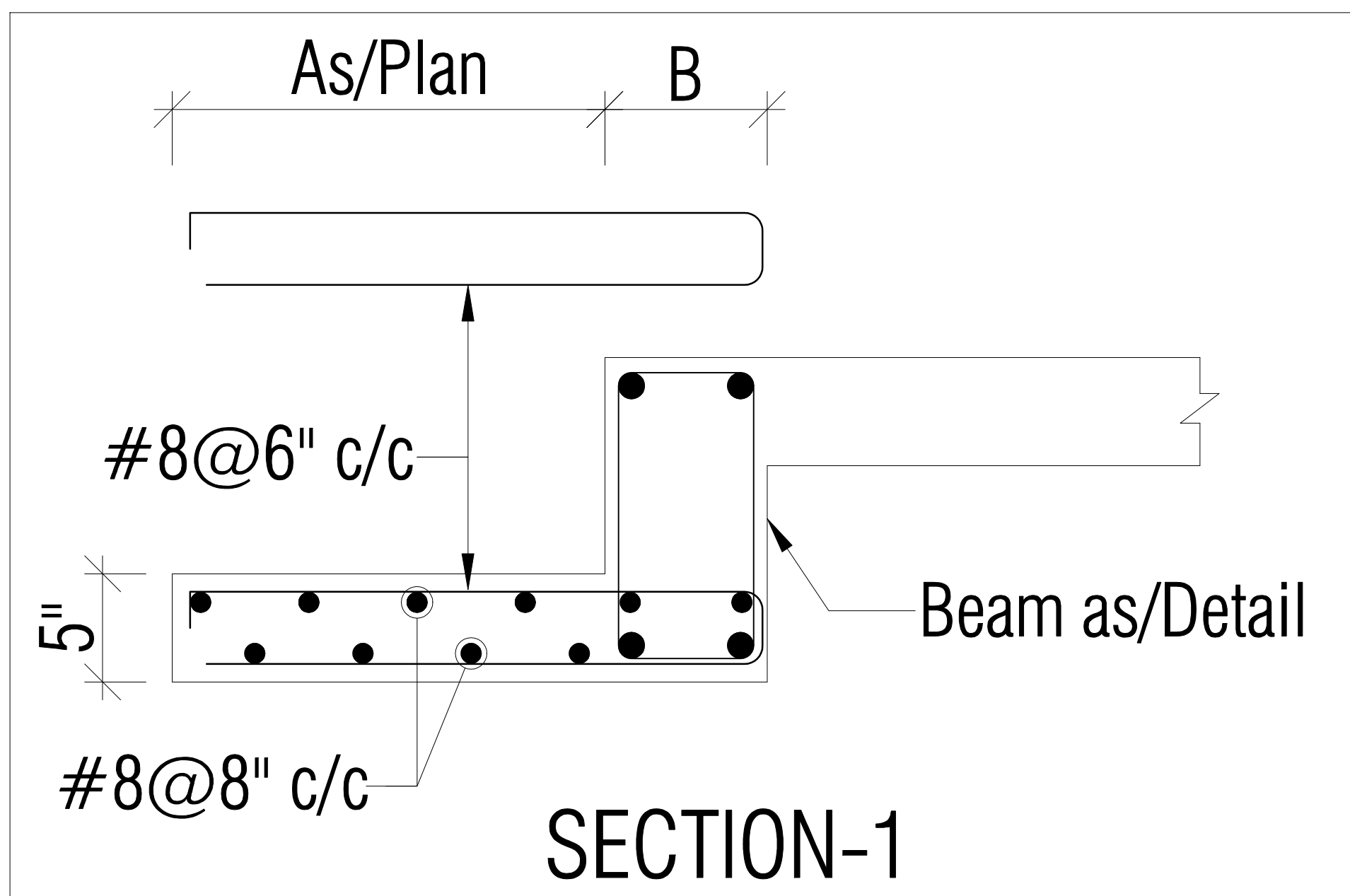
Mid Landing Lvl. Beam

CONC. GRADE:- M-25 (MIX DESIGN /1:1:2)
STEEL GRADE:- Fe-550 D

GENERAL NOTES:		REINFORCEMENT DETAILS:		CONCRETE DETAILS:		MISCELLANEOUS:		PROJECT:		ARCHITECTS:	
1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM 2. DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSION ONLY. 3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE. 4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.		1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 550 N/mm2 CONFORMING TO IS 1786-1985, SHALL BE USED. 2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED. 3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION 4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOWS: WHERE Ø IS DIA. OF BARS. CONC. GRADE M-25 Lvl 548		1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGREGATE SHALL BE 3/4" UNLESS OTHERWISE STATED. 2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED. 3. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-		1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED. * WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS. * SLABS (PROPS LEFT UNDER)-----3 DAYS. * BEAM SOFFITS (PROPS LEFT)-----7 DAYS. * REMOVAL OF PORPS UNDER SLAB-----7 DAYS. SPAN UP TO 4.5 METER-----14 DAYS. SPAN OVER TO 6.0 METER-----21 DAYS. 2. SPACER BERS:- SHALL BE 20MM DIA AS MAX. 4'-0"(1200) INTERVALS		PROJECT: MJB Athulyam II MJB BUILD DEVELOPERS PROPOSED BUILDING AT PLOT NO.- 04 (RES.), IN SCHEME - SHIV SHAKTI NAGAR VISTAR (NUJI KHATEDARI), JAIPUR DRAWING TITLE: STAIR CASE DETAIL		ARCHITECTS: space edge Architects B-6, GANESH KRIPA, MOTI MARG, BAPU NAGAR JAIPUR - 302015. TEL. 9314510603, 0141-4062903	
ABBREVIATIONS: * N.T.S. = NOT TO SCALE * B.W. = BOTH WAYS * T/B = TOP & BOTTOM		5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@8"C/C OTHERWISE MENTIONED. 6. REINFORCEMENT IN VARIOUS ELEMENTS IS SPECIFIED AS FOLLOWS: a) 4#16 DIA OF BARS IN mm. b) #10 @150 C/C SPACING OF BARS IN mm.		PARTICULAR FOOTING COLUMNS/ S.WALLS RETAINING WALL BEAMS, LINTEL SLAB WATER TANK (WALL & SLAB)		SYMBOLS: * BOTTOM BARS IN PLAN SHOWN THUS. --- * TOP BARS IN PLAN SHOWN THUS. ---		CADD DEVELOPED:- DESIGN BY :- CHECKED BY:- SCALE:- DRAWING NO:- REVISION NO:- DATE:-		ER. KRISHAN SHARMA ER. LOKESH WADHWA ER. RAJESH KUMAWAT N.T.S. S-07 R-00 13-06-2024	
DESIGN DATA: GRADE OF CONCRETE Fe-550 D BUILDING DESIGN FOR SBC CONSIDERED		M-25 12 T/m2		BOTTOM TOP SIDES 50mm 50mm 50mm 40mm 25mm 40mm (EARTH SIDE) 20mm (IN SIDE) 25mm 25mm 25mm 25mm (WHERE APPLICABLE) 25mm (ON WATER FACE) 40mm (ON EARTH SIDE)		REV. NO. DATE REMARK		STRUCTURAL CONSULTANT: Frame Consultants STRUCTURAL PLANNER & DESIGNER D-85 Gautam Marg, Nirman Nagar, Jaipur Email:- frameconsultantsjaipur@gmail.com MO:- 9928816016, 9024160011			



Slab@Beam Bottom



SIMPLIFIED RULES FOR CURTAILMENT OF BARS IN SLAB

27

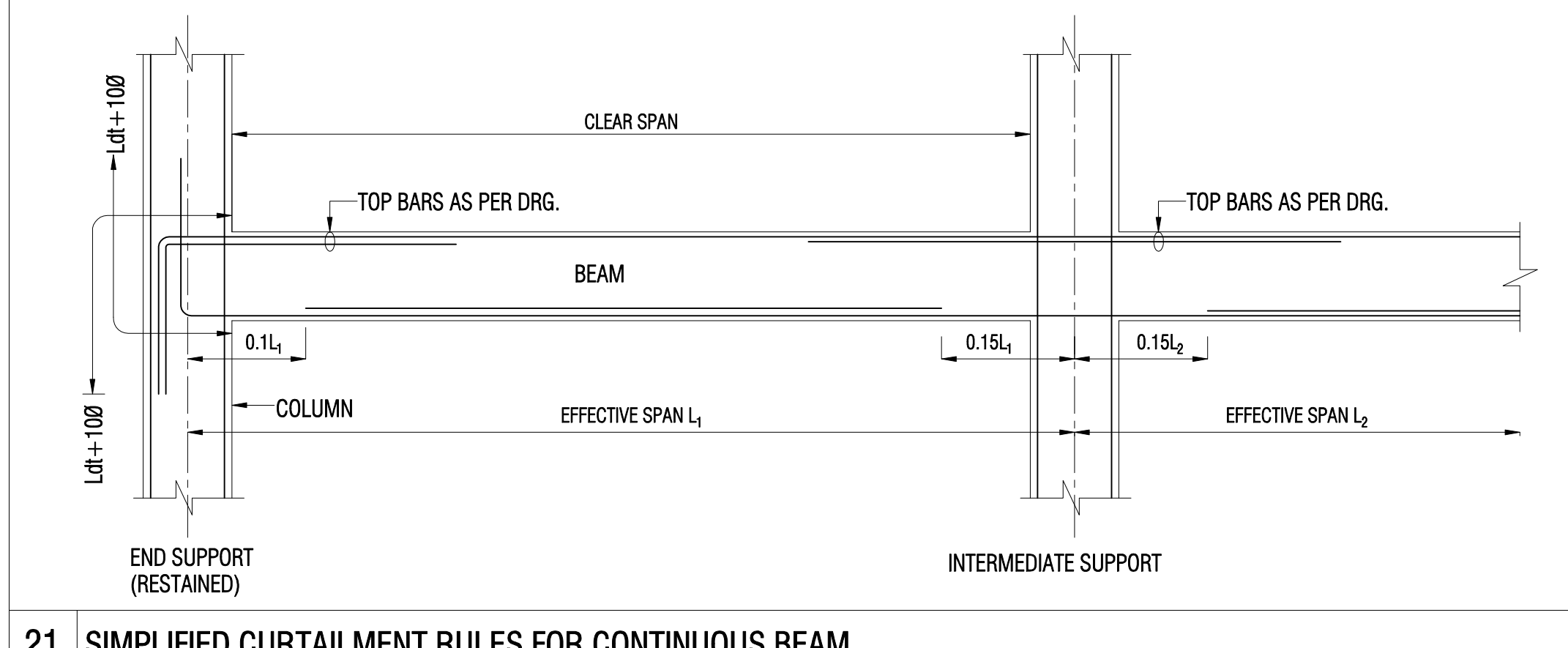
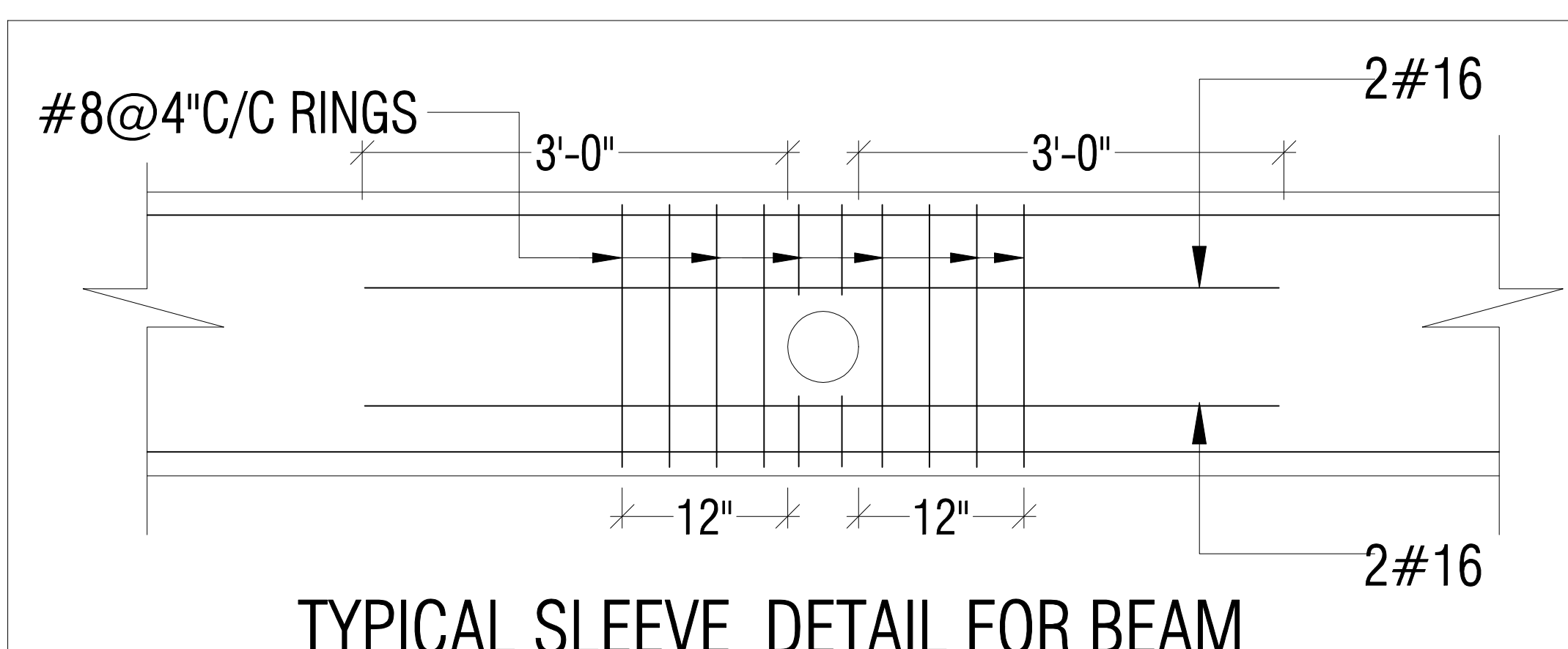
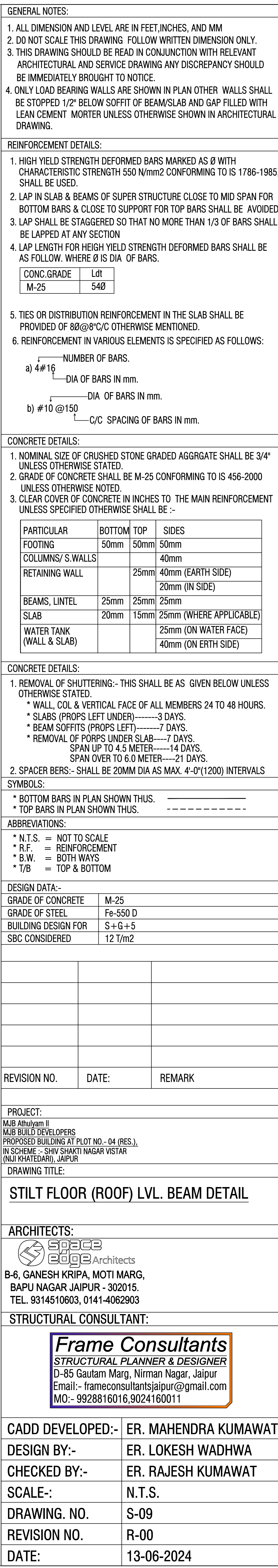
CONC. GRADE:-	M-25 (MIX DESIGN /1:1:2)
STEEL GRADE:-	Fe-550 D

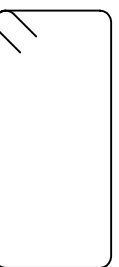
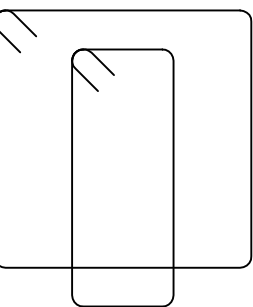
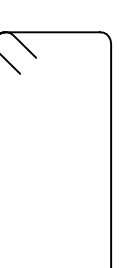
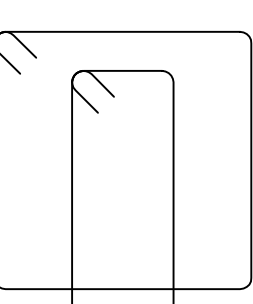
FRAME CONSULTANTS
Er. LOKESH WADHWA
B.Tech.(Civil), M.Tech.(Structure)
IASTRUCTE AM-232

SLAB DETAIL

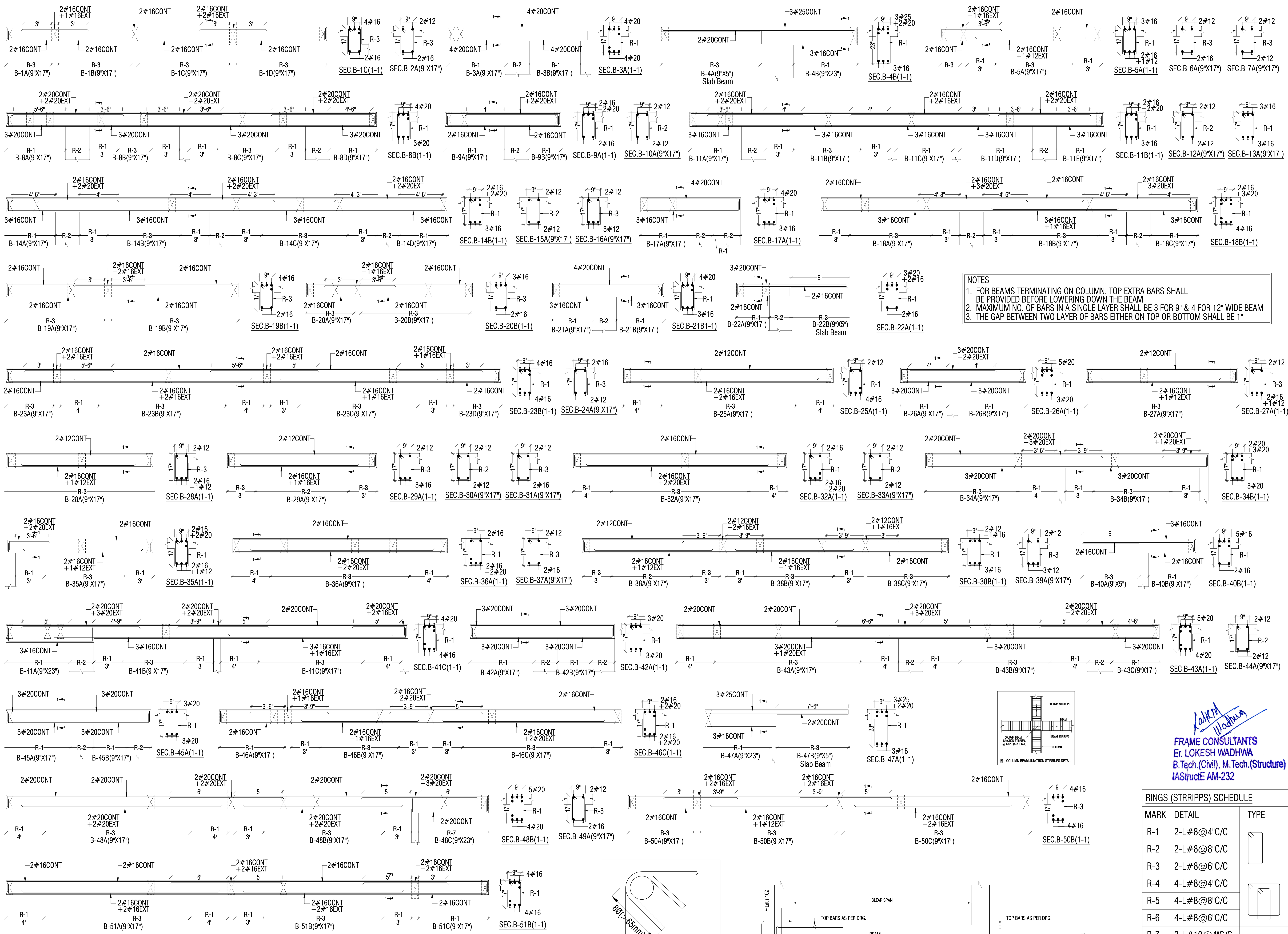
SLAB	Main Bar	Sec. Bar	Slab Thickness
S-1	#8@6" c/c	#8@8" c/c	5"
S-2	#8@5" c/c	#8@8" c/c	5"
S-3	#10@7" c/c	#8@7" c/c	5"
S-4	#10@6" c/c	#10@8" c/c	5"
S-5	#8@6" c/c AS/ SECTION-1	#8@8" c/c	5"

GENERAL NOTES:	REINFORCEMENT DETAILS:	CONCRETE DETAILS:	MISCELLANEOUS:	PROJECT:	ARCHITECTS:																												
1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM	1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 550 N/mm2 CONFORMING TO IS 1786-1985, SHALL BE USED.	1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGRGATE SHALL BE 3/4" UNLESS OTHERWISE STATED.	1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED.	M/S. ABHINAV II MJP BUILD DEVELOPERS PROPOSED BUILDING AT PLOT NO.- 04 (RES.) IN SCHEME :- SHIV SHAKTI NAGAR VISTAR (NULI KHATEDARI), JAIPUR	 B-6, GANESH KRIPA, MOTI MARG, BAPU NAGAR JAIPUR - 302015. TEL. 9314510603, 0141-4062903																												
2. DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSION ONLY.	2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOS TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.	2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED.	* WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS. * SLABS (PROPS LEFT UNDER) ----- 3 DAYS. * BEAM SOFFITS (PROPS LEFT) ----- 7 DAYS. * REMOVAL OF PORPS UNDER SLAB ----- 7 DAYS. SPAN UP TO 4.5 METER ----- 14 DAYS. SPAN OVER TO 6.0 METER ----- 21 DAYS.	DRAWING TITLE: STILT FLOOR (ROOF) LVL. FRAMING PLAN																													
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4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTER UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.	4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.	<table><tr><th>PARTICULAR</th><th>BOTTOM</th><th>TOP</th><th>SIDES</th></tr><tr><td>FOOTING</td><td>50mm</td><td>50mm</td><td>50mm</td></tr><tr><td>COLUMNS/ S.WALLS</td><td></td><td></td><td>40mm</td></tr><tr><td>RETAINING WALL</td><td></td><td>25mm</td><td>40mm (EARTH SIDE) 20mm (IN SIDE)</td></tr><tr><td>BEAMS, LINTEL</td><td>25mm</td><td>25mm</td><td>25mm</td></tr><tr><td>WATER TANK (WALL & SLAB)</td><td>20mm</td><td>15mm</td><td>25mm (WHERE APPLICABLE)</td></tr><tr><td></td><td></td><td></td><td>25mm (ON WATER FACE) 40mm (ON ERTH SIDE)</td></tr></table>	PARTICULAR	BOTTOM	TOP	SIDES	FOOTING	50mm	50mm	50mm	COLUMNS/ S.WALLS			40mm	RETAINING WALL		25mm	40mm (EARTH SIDE) 20mm (IN SIDE)	BEAMS, LINTEL	25mm	25mm	25mm	WATER TANK (WALL & SLAB)	20mm	15mm	25mm (WHERE APPLICABLE)				25mm (ON WATER FACE) 40mm (ON ERTH SIDE)	SYMBOLS: * BOTTOM BARS IN PLAN SHOWN THUS. ----- * TOP BARS IN PLAN SHOWN THUS. -----	DESIGN BY :-	ER. LOKESH WADHWA
PARTICULAR	BOTTOM	TOP	SIDES																														
FOOTING	50mm	50mm	50mm																														
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ABBREVIATIONS:	5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 80@80/C OTHERWISE MENTIONED.			CHECKED BY:-	ER. RAJESH KUMAWAT																												
* N.T.S. = NOT TO SCALE	6. REINFORCEMENT IN VARIOUS ELEMENTS IS SPECIFIED AS FOLLOWS:			SCALE:-	N.T.S.																												
* B.W. = BOTH WAYS	NUMBER OF BARS.			DRAWING NO:-	S-08																												
* T/B = TOP & BOTTOM	a) 4#16			REVISION NO:-	R-00																												
DESIGN DATA:	----- DIA OF BARS IN mm.			DATE:-	13-06-2024																												
GRADE OF CONCRETE	M-25																																
GRADE OF STEEL	Fe-550 D																																
BUILDING DESIGN FOR	S+G+5																																
SBC CONSIDERED	12 T/m2																																
	b) #10 @150																																
	----- C/C SPACING OF BARS IN mm.																																



RINGS (STRIPPIS) SCHEDULE		
MARK	DETAIL	TYPE
R-1	2-L#8@4"C/C	
R-2	2-L#8@8"C/C	
R-3	2-L#8@6"C/C	
R-4	4-L#8@4"C/C	
R-5	4-L#8@8"C/C	
R-6	4-L#8@6"C/C	
R-7	2-L#10@4"C/C	
R-8	2-L#10@8"C/C	
R-9	2-L#10@6"C/C	
R-10	4-L#10@4"C/C	
R-11	4-L#10@8"C/C	
R-12	4-L#10@6"C/C	

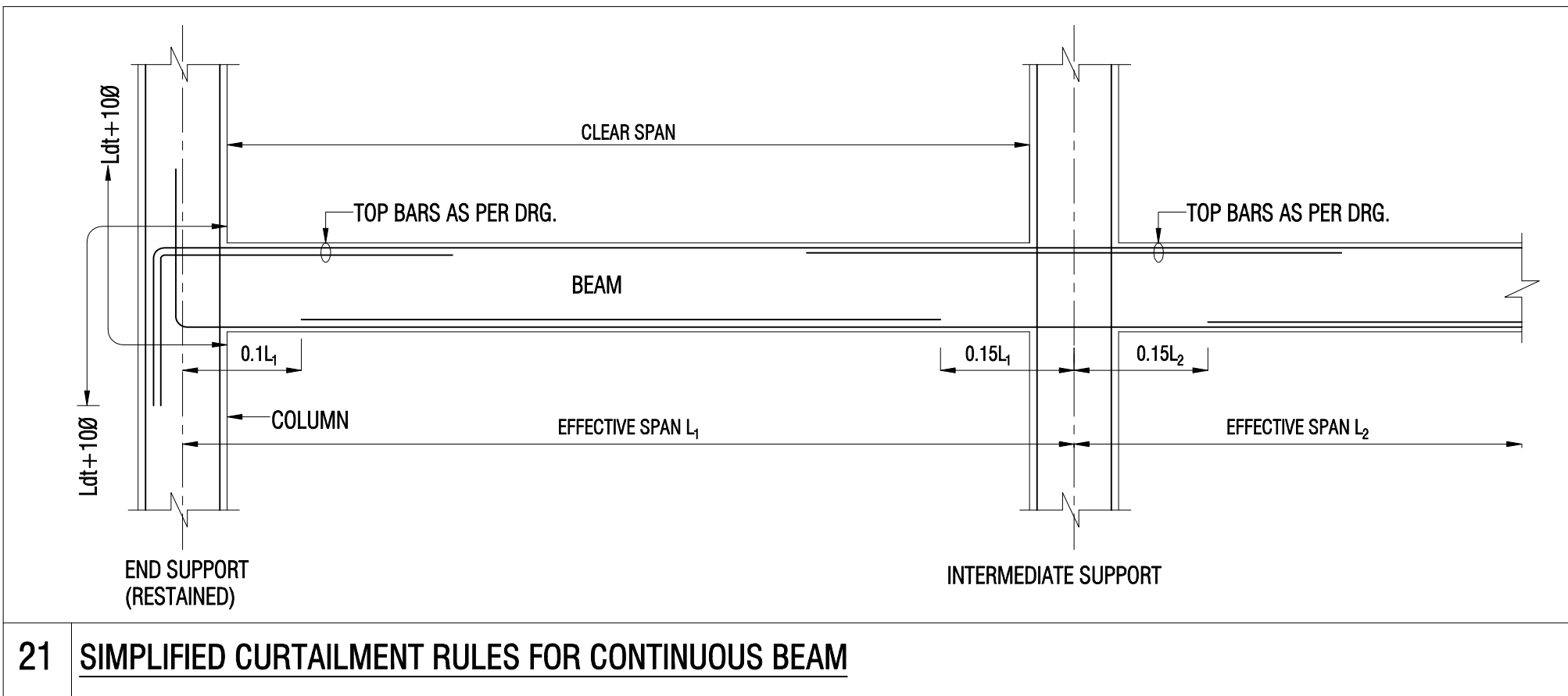
PROJECT: MUB Atulyam II MUB BUILDING DEVELOPERS PROPOSED BUILDING AT PLOT NO - 04 (RES.), IN SCHEME - SAVI SHAKTI NAGAR VISTAR (NULI KHATEDARI), JAIPUR	
DRAWING TITLE: STILT FLOOR (ROOF) LVL. BEAM DETAIL	
ARCHITECTS:  S2B2B Architects B-6, GANESH KRIPA, MOTI MARG, BAPU NAGAR JAIPUR - 302015. TEL. 9314510603, 0141-4062903	
STRUCTURAL CONSULTANT:  Frame Consultants STRUCTURAL PLANNER & DESIGNER D-85 Gautam Marg, Nirman Nagar, Jaipur Mail:- frameconsultants@jaipur.com MO:- 9928516016, 9024160011	
CADD DEVELOPED:-	ER. MAHENDRA KUMAWAT
DESIGN BY:-	ER. LOKESH WADHWA
CHECKED BY:-	ER. RAJESH KUMAWAT
SCALE:-	N.T.S.
DRAWING NO.	S-09
REVISION NO.	R-00
DATE:	13-06-2024



CONC. GRADE:- M-25 (MIX DESIGN /1:1:2)
STEEL GRADE:- Fe-550 D

FOR 135° HOOK

TYPICAL DETAILS
OF HOOKS



- NOTES
1. FOR BEAMS TERMINATING ON COLUMN, TOP EXTRA BARS SHALL BE PROVIDED BEFORE LOWERING DOWN THE BEAM
 2. MAXIMUM NO. OF BARS IN A SINGLE LAYER SHALL BE 3 FOR 9" & 4 FOR 12" WIDE BEAM
 3. THE GAP BETWEEN TWO LAYER OF BARS EITHER ON TOP OR BOTTOM SHALL BE 1"

- GENERAL NOTES:
1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM
 2. DO NOT SCALE THIS DRAWING. FOLLOW WRITTEN DIMENSION ONLY.
 3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
 4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

- REINFORCEMENT DETAILS:
1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 550 N/mm² CONFORMING TO IS 1786-1985, SHALL BE USED.
 2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.
 3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION
 4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.

CONC. GRADE	Ld
M-25	54Ø

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@8"C/C OTHERWISE MENTIONED.
6. REINFORCEMENT IN VARIOUS ELEMENTS IS SPECIFIED AS FOLLOWS:
a) 4#16
b) #10 @150
c) C/C SPACING OF BARS IN mm.

- CONCRETE DETAILS:
1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGRGATE SHALL BE 3/4" UNLESS OTHERWISE STATED.
 2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED.
 3. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-

PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	50mm	50mm	50mm
COLUMNS/ S. WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE) 20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE) 40mm (ON EARTH SIDE)

- CONCRETE DETAILS:
1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED.
 - * WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS.
 - * SLABS (PROPS LEFT UNDER) ----- 3 DAYS.
 - * BEAM SOFFITS (PROPS LEFT) ----- 7 DAYS.
 - * REMOVAL OF FORMS UNDER SLAB ----- 14 DAYS.
 - * SPAN UP TO 4.5 METER ----- 14 DAYS.
 - * SPAN OVER TO 6.0 METER ----- 21 DAYS.
 2. SPACER BERS:- SHALL BE 20MM DIA AS MAX. 4'-0"(1200) INTERVALS
- SYMBOLS:
- * BOTTOM BARS IN PLAN SHOWN THUS. -----
 - * TOP BARS IN PLAN SHOWN THUS. -----
- ABBREVIATIONS:
- * N.T.S. = NOT TO SCALE
 - * R.F. = REINFORCEMENT
 - * B.W. = BOTH WAYS
 - * T/B = TOP & BOTTOM

DESIGN DATA:-	
GRADE OF CONCRETE	M-25
GRADE OF STEEL	Fe-550 D
BUILDING DESIGN FOR SBC CONSIDERED	S+G+5
	12 T/m ²

REVISION NO.	DATE:	REMARK

PROJECT:
MJB BUILDING DEVELOPERS
PROPOSED BUILDING AT PLOT NO.- 04 (RES.),
IN SCHEME - SHIV SHAKTI NAGAR VISTAR
(NUL KHATEDAR), JAIPUR

DRAWING TITLE:

GF TO 5th FLOOR (ROOF) LVL. BEAM DETAIL

ARCHITECTS:

SPACE Architects

B-6, GANESH KRIPA, MOTI MARG,
BAPU NAGAR JAIPUR - 302015.
TEL. 9314510603, 0141-4062903

STRUCTURAL CONSULTANT:

Frame Consultants
STRUCTURAL PLANNER & DESIGNER
D-85 Gautam Marg, Nirman Nagar, Jaipur
Email:- frameconsultantsjaipur@gmail.com
MO:- 9928816016, 9024160011

CADD DEVELOPED:- ER. AJAY YADAV
DESIGN BY:- ER. LOKESH WADHWA
CHECKED BY:- ER. RAJESH KUMAWAT
SCALE:- N.T.S.
DRAWING. NO. S-11
REVISION NO. R-00
DATE: 18-07-2024

FRAME CONSULTANTS
ER. LOKESH WADHWA
B.Tech.(Civil), M.Tech.(Structure)
IASpqrE AM-232

MARK	DETAIL	TYPE
R-1	2-L#8@4"C/C	
R-2	2-L#8@8"C/C	
R-3	2-L#8@6"C/C	
R-4	4-L#8@4"C/C	
R-5	4-L#8@8"C/C	
R-6	4-L#8@6"C/C	
R-7	2-L#10@4"C/C	
R-8	2-L#10@8"C/C	
R-9	2-L#10@6"C/C	
R-10	4-L#10@4"C/C	
R-11	4-L#10@8"C/C	
R-12	4-L#10@6"C/C	