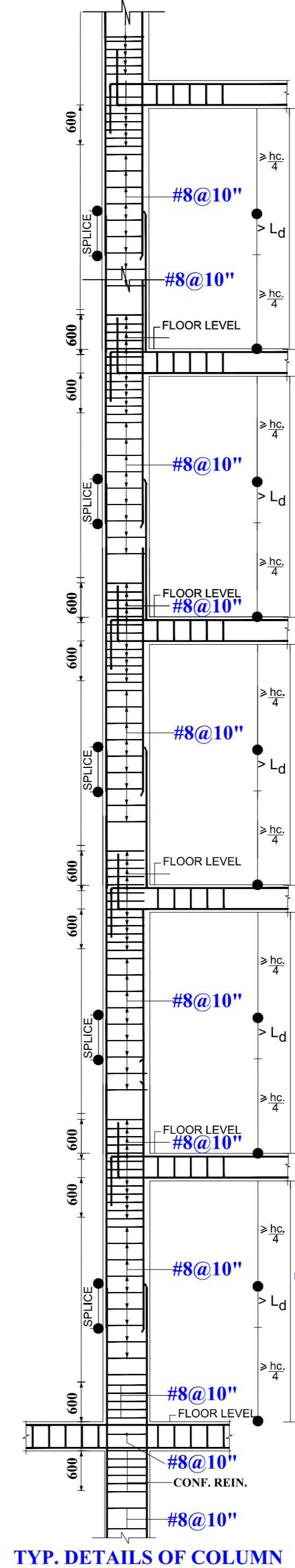
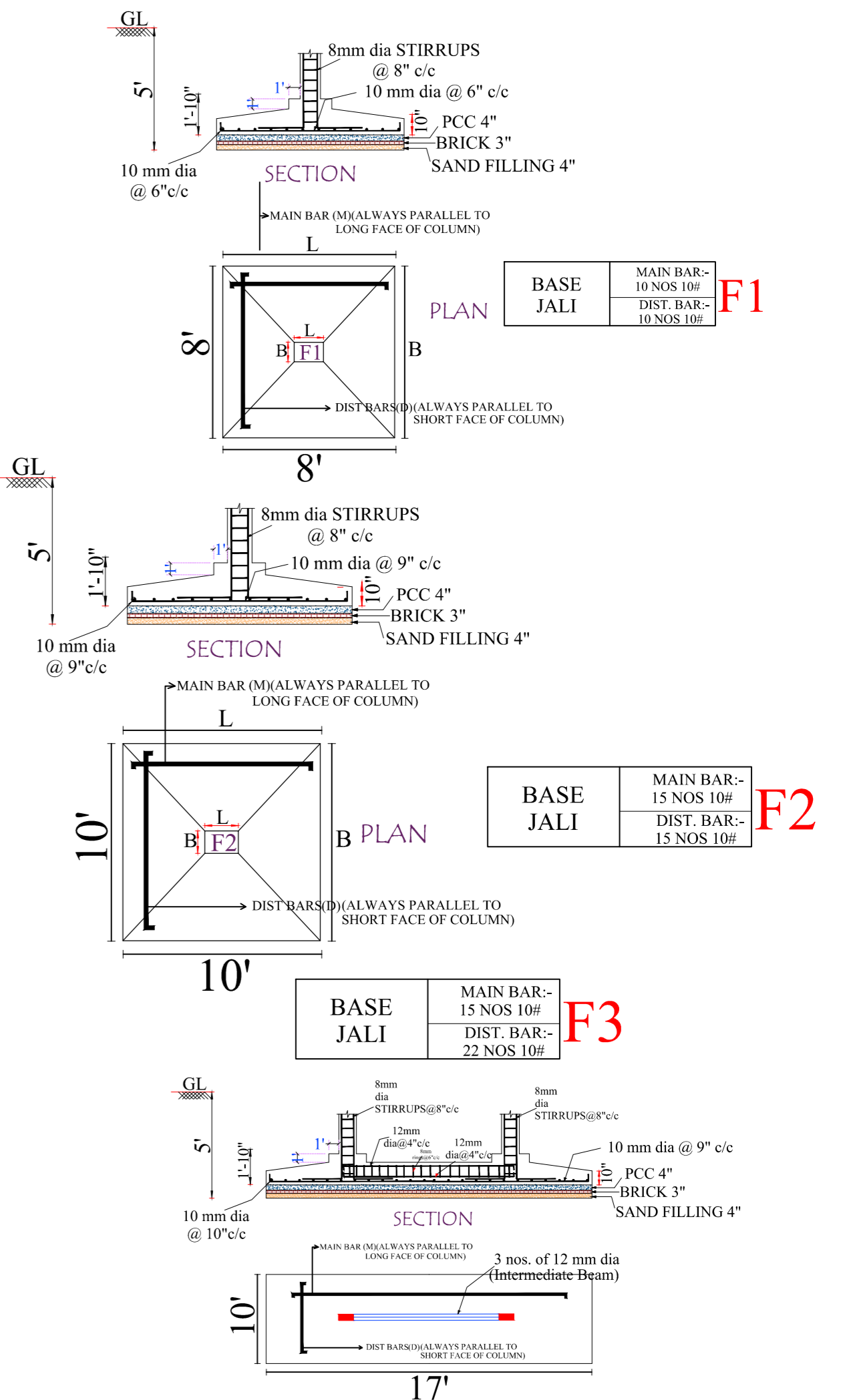


COLUMN DETAILS

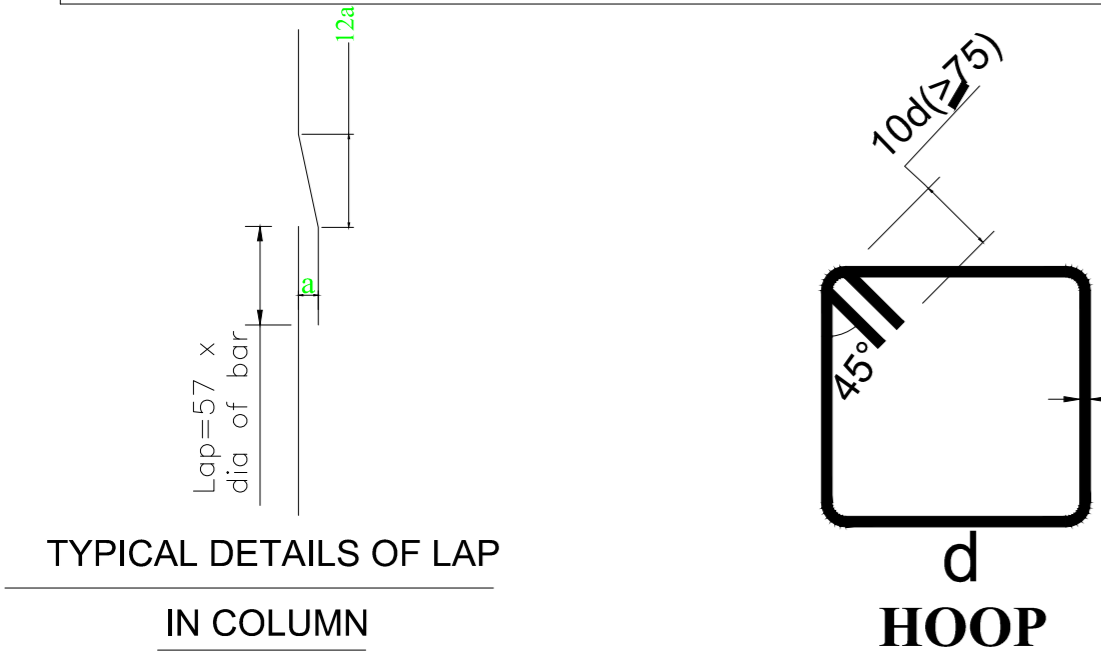
COLUMN SL NO.	FOUNDATION TO BASEMENT FLOOR	BASEMENT TO GROUND FLOOR	GROUND TO FIRST FLOOR	FIRST TO SECOND FLOOR	SECOND TO THIRD FLOOR	SIZE (sq mm.)	GRADE & MIX	COLUMN NO.
1	 •4-20Φ +8-20Φ	 •4-20Φ +8-20Φ	 •4-20Φ +8-16Φ	 •4-20Φ +8-16Φ	 •4-16Φ +8-12Φ	26" X 10"	M20 & Fe 415	B1,C1, D3,D4,
2	 •4-20Φ +8-16Φ	 •4-20Φ +8-16Φ	 •4-16Φ +8-16Φ	 •4-16Φ +8-12Φ	 •12-12Φ	26" X 10"	M20 & Fe 415	D1,E1, B7,C7.
3	 •4-20Φ +8-16Φ	 •4-20Φ +8-16Φ	 •4-16Φ +8-12Φ	 •4-16Φ +8-12Φ	 •12-12Φ	24" X 10"	M20 & Fe 415	A3,A4,B3, B4,C3,C4.
4	 •4-16Φ +8-12Φ	 •4-16Φ +8-12Φ	 •4-16Φ +8-12Φ	 •12-12Φ	 •8-12Φ	24" X 10"	M20 & Fe 415	A1,A7,D7.
5	 •4-16Φ +8-12Φ	 •4-16Φ +8-12Φ	 •12-12Φ	 •12-12Φ	 •8-12Φ	20" X 10"	M20 & Fe 415	E4
6	 •12-12Φ	 •12-12Φ	 •12-12Φ	 •8-12Φ	 •8-12Φ	20" X 10"	M20 & Fe 415	G1,G2,G5, G7.
7	 •4-16Φ +4-12Φ	 •4-16Φ +4-12Φ	 •4-16Φ +4-12Φ	 •4-16Φ +4-12Φ	 •4-16Φ	10" X 10"	M20 & Fe 415	E6
8	 •4-16Φ	 •4-16Φ	 •4-16Φ	 •4-12Φ	 •4-12Φ	10" X 10"	M20 & Fe 415	F6,E7,F7.



TYP. DETAILS OF COLUMN



- 1) READ THIS DWG. ALONGWITH ARCHITECTURAL AND STRUCTURAL DWGS
- 2) DO NOT SCALE, ONLY WRITTEN DIMENSIONS TO BE FOLLOWED
- 3) ALL DIMENSIONS AND LEVELS ARE TO BE CHECKED AND CO-RELATED WITH RELEVANT ARCHITECTURAL DWGS IN CASE OF ANY AMBIGUITY THE MATTER SHALL BE BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE STARTING THE WORK.
- 4) UNLESS SPECIFIED ALL THE STEEL SHALL BE OF HIGH YIELD DEFORMED COLD TWISTED BAR CONFORMING TO IS 1786-1986 YIELD STRENGTH OF 415 N/MM² HENCE EITHER TATA STEEL, SAIL STEEL OR SRMB STEEL SHALL BE USED
- 5) NOT MORE THAN 50% OF BARS SHALL BE LAPPED AT ANY SECTION
- 6) LAP LENGTH SHALL BE EQUAL TO L_d=57 TIMES THE DIA OF BAR AND SHALL BE AVOIDED IN THE FOLLOWING CASE
TOP BARS-NEAR SUPPORT, BOTTOM BARS-NEAR MID SPAN
- 7) ALL THE CONC. ARE OF GRADE M-200 AND CONC SHALL MACHINE MIXED AND MACHINE VIBRATED
 - a) BEAM 25mm FROM ALL SIDES
 - b) COLUMN 40mm FROM MAIN STEEL
- 9) PROPER PLY SHUTTERING OR STEEL SHUTTERING SHALL BE USED TO GET GOOD QUALITY



TYPICAL DETAILS OF LAP IN COLUMN



#8mmΦ RING SPACING 10"C/C