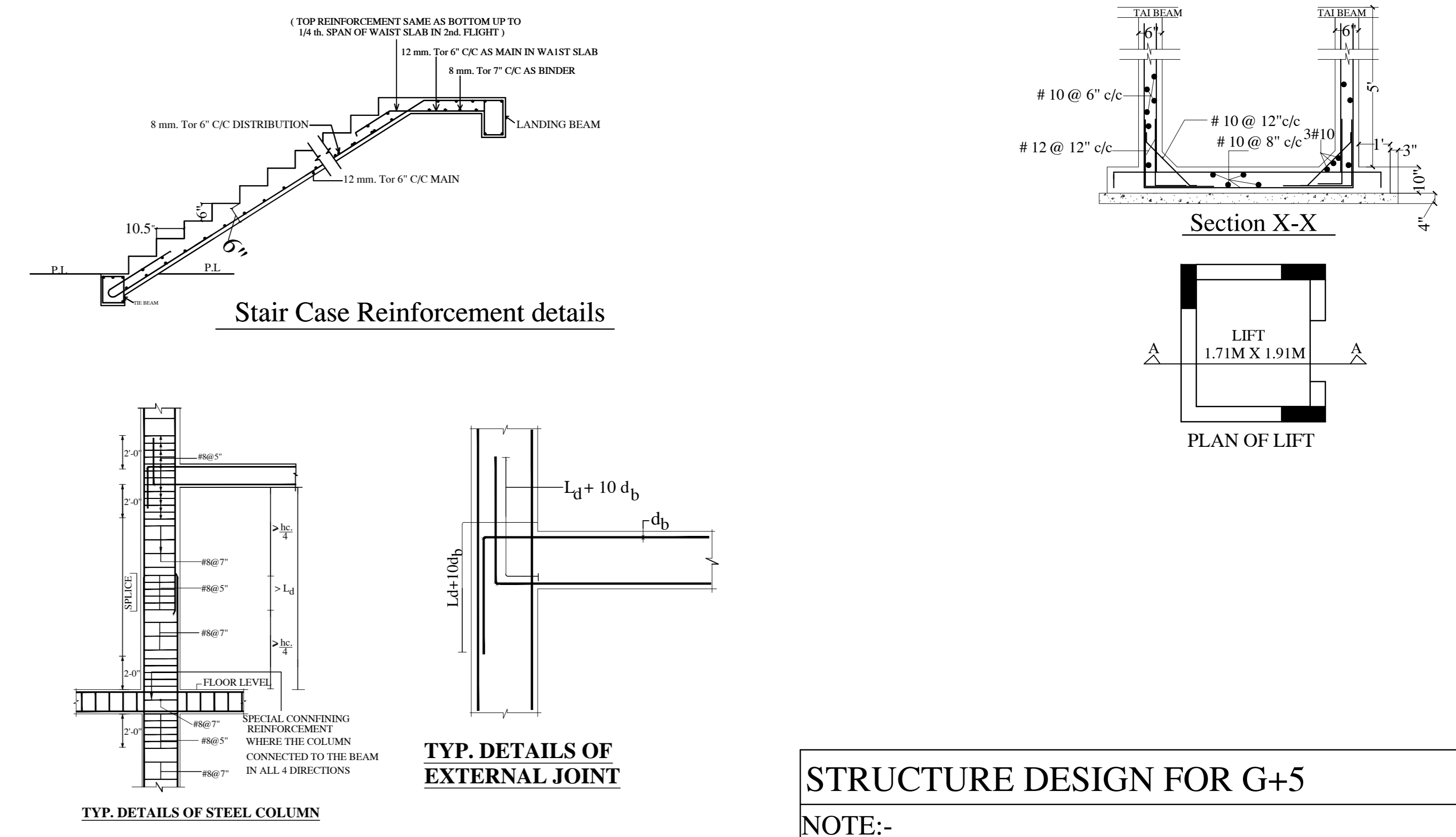


COLUMN SIZE	L		B		CONCRETE MIX	SECTION WITH MAIN STEEL	LINKS
	C1	C2	C1	C2			
0.23M	0.23M	0.23M	0.46M	0.61M	M20	10-16 mm. Tor	8 mm. Tor @ 5" & 7" C/C
0.46M	0.61M	0.66M	M20	M20	M20	14 - 16 mm. Tor	
						6-20 mm Tor. + 10-16 mm Tor.	

**FOOTING SCHEDULE (MIX - M20)**

S.NO	FOOTING MARKED	FOOTING SIZE		PEDESTAL SIZE			REINFORCEMENT			
		L	B	D	C	X	Y	G	N	K
1.	F1	2.44M	2.44M	0.53M	0.18M	0.53M	0.76M	0.15M	12 TOR @ 5"C/C	12 TOR @ 5"C/C
1.	F2	2.74M	2.74M	0.76M	0.25M	0.53M	0.91M	0.15M	12 TOR @ 5"C/C	12 TOR @ 5"C/C
1.	F3	3.66M	3.66M	0.91M	0.30M	0.53M	0.97M	0.15M	12 TOR @ 5"C/C	12 TOR @ 5"C/C



**STRUCTURE DESIGN FOR G+5**

**NOTE:-**

- ALL DIMENSION ARE IN FEET AND INCHES.
- ALL CONCRETE MIX M20 UNLESS OTHERWISE SPECIFIED.
- MILD STEEL YIELD STRENGTH 250 N / mm<sup>2</sup>
- TOR STEEL YIELD STRENGTH 415 N/mm<sup>2</sup>
- ALL CONCRETE SHALL BE MACHINE MIXED AND MACHINE VIBRATED.
- CLEAR COVER TO MAIN STEEL 40 mm. IN COLUMN , 25 mm. IN BEAM & 15 mm. IN SLAB.
- ALL DIMENSION ARE TO BE READ NOT TO BE MEASURED.
- THIS DRAWING SHALL BE READ WITH ARCHITECTURAL DRAWINGS.
- BEARING CAPACITY OF SOIL ADOPTED AS 18 T/ M<sup>2</sup>.
- DEPTH OF FOUNDATION SHALL BE 2000 mm. BELOW EXISTING GROUND .
- LAP LENGTH > L<sub>d</sub> OR 30 TIMES OF BAR DIA
- d<sub>b</sub>=DIA OF MAIN BAR
- L<sub>d</sub>=EFFECTIVE DEVELOP. LENGTH CONSIDERING COMPRESSION= 37XBAR DIA
- L<sub>d</sub>=EFFECTIVE DEVELOPMENT LENGTH CONSIDERING TENSION= 47 X BAR DIA.

**DRAWING :-**

**STRUCTURAL DRAWINGH**

**DATE :- 06/03/21**

**PROJECT :-**

**SARJU CONSTRUCTION**