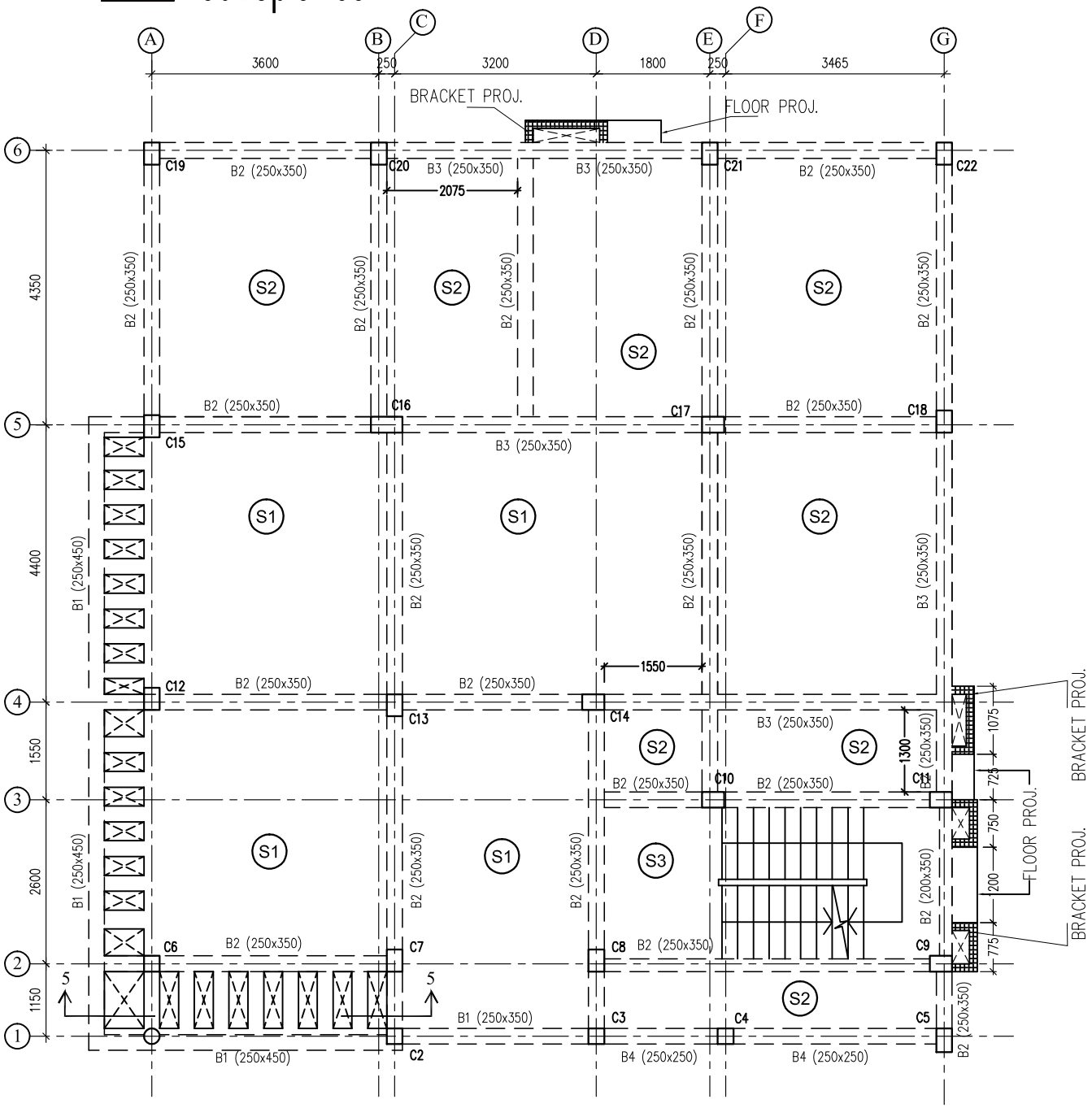
houzeplanco

STRUCTURE DRAWING



FIRST FLOOR ROOF BEAM LAYOUT PLAN

SCHEDULE OF BEAMS

BEAM MKD.	SIZE OF BEAM (MM X MM)	SUPPORT REINFORCEMENT			SPAN REINFORCEMENT		
		LONGITUDINAL REINFORCEMENT		STIRRUPS & SPACING	LONGITUDINAL REINFORCEMENT		STIRRUPS & SPACING
		TOP	BOTTOM		TOP	BOTTOM	
B1	250X450	2-16 ϕ + 2-12 ϕ EXTRA	2-16 ϕ	8 ϕ @ 150 MM C/C	2-16 ϕ	2-16 ϕ + 2-12 ϕ EXTRA	8 ϕ @ 175 MM C/C
B2	25OX350	2-16 ϕ + 2-12 ϕ EXTRA	2-16 ϕ	8 ϕ @ 150MM C/C	2-16 ϕ	2-16 ϕ + 2-12 ϕ EXTRA	8 ϕ @ 150 MM C/C
B3	25OX350	2-16 ϕ + 2-12 ϕ EXTRA	2-16 ϕ	8 ϕ @ 150MM C/C	2-16 ϕ	2-16 ϕ + 2-16 ϕ EXTRA	8 ϕ @ 150 MM C/C
B4	25OX250	2-12 ϕ	2-12 ϕ	8 ϕ @ 150MM C/C	2-12 ϕ	2-12 ϕ	8 ϕ @ 150 MM C/C

NOTES:-

1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
2. ANY AMBIGUITY IN THE DRAWINGS SHOULD BE IMMIDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT BEFORE COMENCING THE WORK
3. THIS DRAWING IS TO BE READ ALONG WITH ALL RELEVANT ARCHITECTURAL DRAWINGS.
4. ALL GRADE OF CONCRETE M25 .
5. ALL MATERIALS SHALL CONFORM TO RELEVANT I.S CODES.
6. FOR STEEL GRADE Fe 500 AS PER I.S 1786-2008.
7. ALL CHAIRS ARE 10Tor AND TO BE PROVIDED WHEREVER REQUIRED.
8. LAPS, SPLICES & BOND LENGTH SHOULD BE 50 D WHERE 'D' IS THE SMALLEST BAR DIA.
9. FOUNDATION & PLINTH : BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF 1ST CLASSBRICK IN 1:6 CEMENT MORTAR.
10. MINIMUM CLEAR COVER TO MAIN REINFORCEMENT IS AS FOLLOWS:

MEMBER	TOP	BOTTOM	SIDE
a. FOUNDATION BEAM & SLAB	50	50	50
b. COLUMN	–	–	40