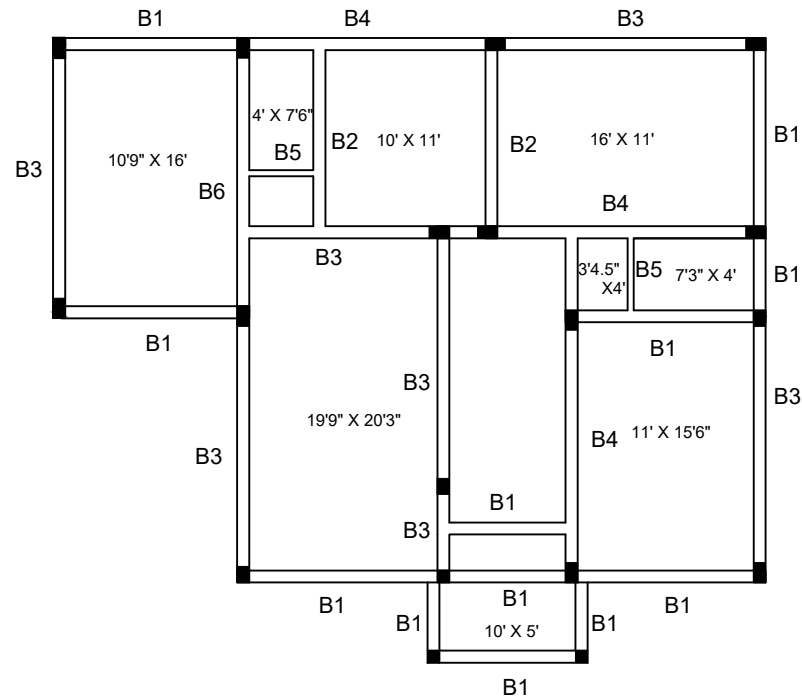




GROUND FLOOR BEAM DETAILS

Grade beam	Size of beam		Reinforcement details				Stirrups
	B	D	Top	Extra bar	Bottom	Extra bar	
B1 (12)	0.23	0.3	3-12mm	1-12mm	3-12mm	----	8mm @ 150mm c/c
B2 (2)	0.23	0.3	2-16mm 1-12mm	----	2-16mm 1-12mm	----	8mm @ 150mm c/c
B3 (7)	0.23	0.38	3-16mm	----	3-16mm	----	8mm @ 150mm c/c
B4 (1)	0.23	0.45	3-16mm 2-12mm	----	3-16mm	1-12mm	8mm @ 150mm c/c
B5 (2)	0.23	0.23	2-12mm	----	2-12mm	----	8mm @ 150mm c/c
B6 (1)	0.23	0.45	5-16mm	----	3-16mm 2- 12mm	----	8mm @ 150mm c/c

NOTE :

- 1.All dimensions are in 'm' unless specified
- 2.Grade of concrete :M20
(As per IS 456-2000)
- 3.Grade of steel : Fe500
(As per IS 1786-1985)
- 4.Covers:
for Grade beam =25mm(1")
for Footing bottom =50mm(2")
for column =40mm(1.5")
for column below ground level =50mm(2")
for footing side =75mm(3")
- 5.lap length for all bars shall be 50xdia
- 6.Designed for Ground + 2 storey only
- 7.Depth of Excavation as per soil condition
8. Beam shall be anchored on column as show on
9. All R.C.C works shall be conform to IS456-2000
9. Designer is not responsible for defects arising out of use of faulty/poor duality material at site.
- 10,All dimensions given should be checked on site before commencement of any work.

PROJECT NAME: PROPOSED CONSTRUCTION FOR R.C.C. ROOF RESIDENTIAL BUILDING				
---	31-07-2020			
REV	DATE	DRAWN	CHECKED	DESCRIPTION
DESIGN: Er. E.BERLIN WILFER .M.E.,(Structural)				
SCALE: 1:100		DATE: 31 / 07 /2020		
JOB NO: 7/2020		DRAWING NO:2708016 /20		
DRAWING TITLE: REINFORCEMENT DETAILS OF UNDER GROUND FLOOR BEAM				
CLIENT: Mr. F. MICAEL ROBINSON				
COMPANY NAME: SHAPE CONSTRUCTIONS Contact Details : Mobile No : 9488480813 www.shapebuilders.com Email ID : shapehomebuilders@gmail.com				
ENGINEER SIGNATURE				