PROPOSED TWO STORIED EDUCATIONAL BUILDING OF STRATOSPHERIC BALLOON FACOLITY OF INDIAN CENTER FOR SPACE PHYSICS (SBFICSP) AT P.S.- RAJNAGAR, MOUZA -CHANDRAPUR, J.L.NO -90, DRISTRICT:- BIRBHUM , WB

1. NATURE OF LAND- BASTU
2. ALL DIMENSION ARE IN MM.
3. DEPTH OF EXCAVATION NOT EXCEEDING 1.50METRE
4. D.P.C (4:2:1) MIX. WITH PROPER WATER PROFING COMPOUND
5. P.C.C & R.C.C. WORK TO BE DONE WITH (6:3:1) &(3:1.5:1) C.C.
6. 250&125 THICK MESONARY WORK TO BE DONE WITH 6:1&4:1 CEMENT MOTAR
7. SLAB REIRFORCEMENT 8 MM# BARS AT BOTH DIRECTION AT 125C/C
8. MINIMUM COVER FOR REINFORCEMENT IN COLUMN 40MM BEAM 30MM SLAB/LINTEL 15MM
9. DOORS& WINDOWS FRAME SIZE 100X75
10. ALL BUILDING MATERIALS WILL BE AS PER I.S CODE &N.B.C. 1984
11. BUILDING SHOULD BE CONSTRUCTED AS PER PANCHAYET RULES

DOORS & WINDOWS
D1-1000X2100 W3- 1200X1200
D3-750X2100 W2-1500X1200
D2-900X2100 W6-600X450

SCHEDULE OF SLAB

SLAB MKD.	THK.	REINFORCEMENT			
		SUPPORT (BOTH DIR.)		SPAN (BOTH DIR.)	
		TOP	BOTT.	TOP	BOTT.
S1	110	8ϕ @ 150 C/C	8ϕ @ 300 C/C		8ϕ @ 150 C/C

AREA STATEMENT:-
TOTAL AREA OF LAND 201 DECIMAL (8133.5 SqM)
COVERED AREA OF GROUND FLOOR 451.5 SQM. (4860 SQFT.)
AREA OF FIRST FLOOR 451.5 SQM.= 4860 SQFT.
BOUNDARY WALL = 492 M
STRONG ROOM COVERED AREA = 16 SqM
4.5 M WIDE CONCRETE ROAD = 194 M
BALLOON LUNCHING AREA = 3320 SqM

SIG. OF ENGINEER

REMARKS:-

SCALE -1:100

SHEET NO:
1 OF 1.

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GROUND AND FIRST FLOOR ROOF BEAM PLAN

FOUNDATION AND TIE-BEAM PLAN

PROPOSED FIRST FLOOR PLAN

PROPOSED GROUND FLOOR PLAN

SLAB TIE BEAM "B-B"

GROUND TIE BEAM

TYPICAL SECTION OF R.C.C. SLAB

LINTEL WITH CHAJJA

FOUNDATION FOR MAIN BUILDING
DETAILS COLUMN "C1"

DETAILS OF STAIRCASE

AREA MAP
SCALE -1:4

FRONT ELEVATION

SECTION:A-A

STRONG ROOM

FOUNDATION FOR STRONG ROOM

STRONG ROOM TIE BEAM

BOUNDARY WALL

FOUNDATION FOR BOUNDARY WALL

BOUNDARY WALL TIE BEAM