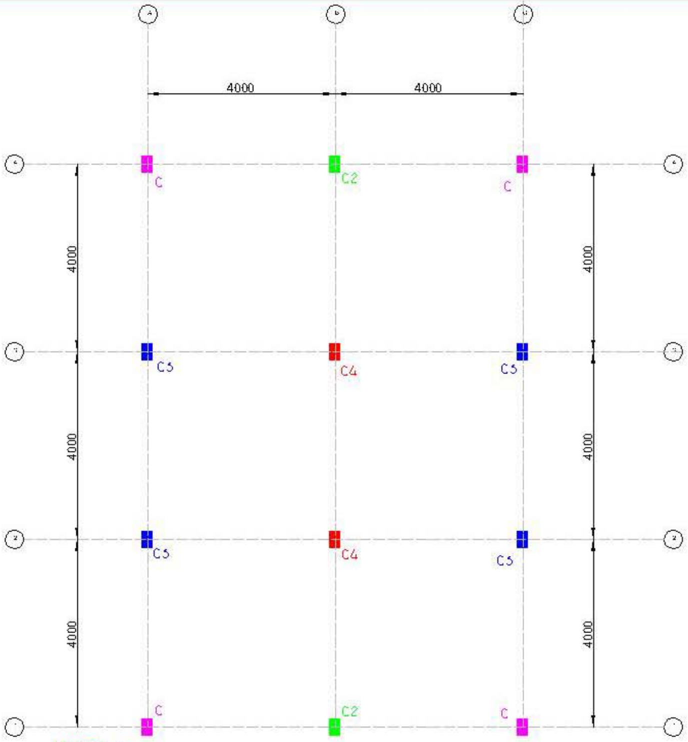
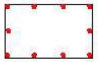
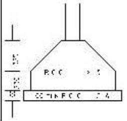
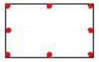
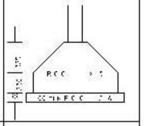
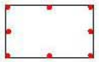
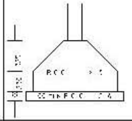
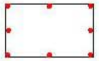
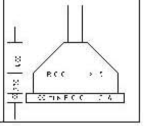


S.NO	COLUMN NOS AND SIZE	COLUMNS STEEL	EXCAVATION SIZE	FOOTING SIZE & STEEL	FOOTING DEPTHS
	C - 4 NO 250 X 5/5 R.C.C. 1 : 1½ : 3	 ● 0 NOS 2 MM DIA RINGS 8MM @ 50C/C	500 X 425	00 X 25 MAT 0MM @ 50 C/C BOTH WAYS R.C.C. : ½ : 5	
2	C2 - 2 NO 250 X 5/5 R.C.C. 1 : 1½ : 3	 ● 8 NOS 2MM DIA RINGS 8MM @ 50C/C	500 X 650	200 X 550 MAT 0MM @ 50 C/C BOTH WAYS R.C.C. : ½ : 5	
5	C5 - 4 NO 250 X 5/5 R.C.C. 1 : 1½ : 3	 ● 8 NOS 2MM DIA RINGS 8MM @ 50C/C	450 X 600	50 X 500 MAT 0MM @ 50 C/C BOTH WAYS R.C.C. : ½ : 5	
4	C4 - 2 NOS 250 X 5/5 R.C.C. 1 : 1½ : 3	 ● 8 NOS 2MM DIA RINGS 8MM @ 50 C/C	700 X 850	400 X 550 MAT 0MM @ 50 C/C BOTH WAYS R.C.C. : ½ : 5	

NOTES :-

1.
All dimensions are in 'Meters and Millimeters' unless other wise specified.

2.
Do not scale this Drawing only written Dimensions are to be followed.

3.
Use Concrete Mix M20 for Footings, Columns.

4.
Safe bearing capacity of soil is taken as ---- T/m²

5.
Reinforcement (tor steel) , Fy = 415 N/mm².

6.
Minimum lap length of Reinforcement shall be 50 times of Diameter of Bar unless otherwise specified

7. Laps shall be staggered not more than 50% of rods are lapped at any location for beams and 33 % for columns.

8. Read this drawing along with relevant Arch.Drawings .

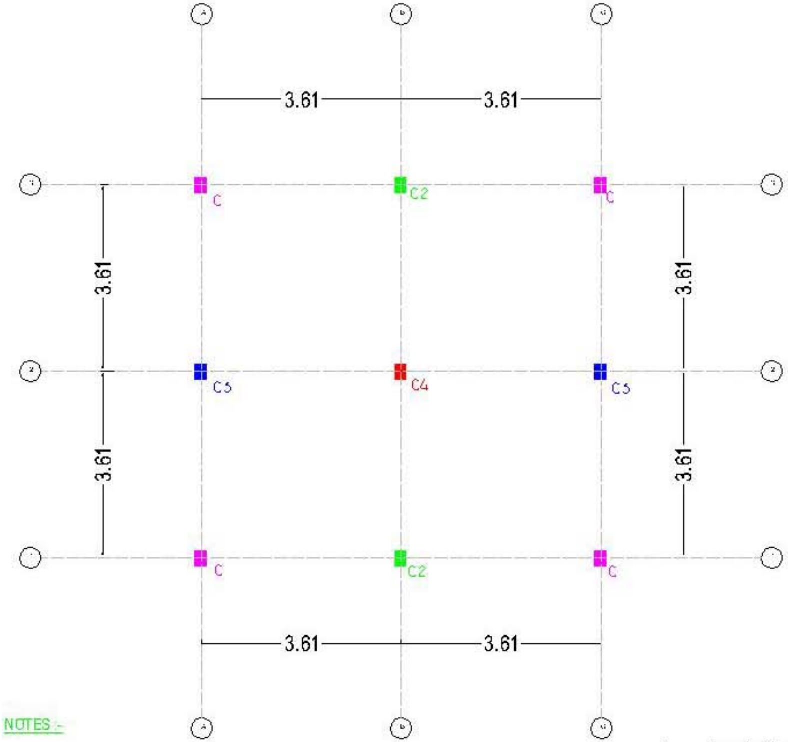
9. The minimum depth of all Foundations shall be 1.50 below N.G.L.

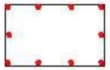
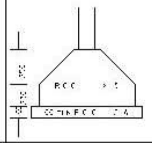
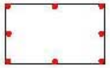
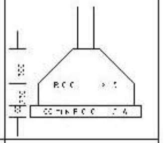
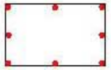
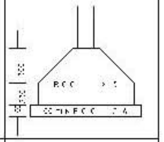
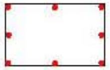
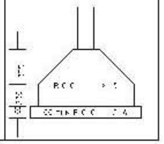
10. Provide clear cover to main reinforcement for for Footings=60mm, Columns = 40mm

11. P.C.C mix shall be (1:2:4) with 4" thick

COLUMNS GRID LINE DRAWING

CONTROL ROOM



S.NO	COLUMN NO S AND SIZE	COLUMNS STEEL	EXCAVATION SIZE	FOOTING SIZE & STEEL	FOOTING DEPTHS
	C - 4 NO 250 X 500 R.C.C. 1 : 1½ : 3	 ● 0 NO S 2 MM DIA RINGS 8MM @ 50C/C	250 X 525	950 X 025 MAI 0MM @ 50 C/C BOTH WAYS R.C.C. : 1z : 5	
2	C2 - 2 NO 250 X 500 R.C.C. 1 : 1½ : 3	 ● 8 NO S 2MM DIA RINGS 8MM @ 50C/C	450 X 525	50 X 225 MAI 0MM @ 50 C/C BOTH WAYS R.C.C. : 1z : 5	
5	C5 - 2 NO 250 X 500 R.C.C. 1 : 1½ : 3	 ● 8 NO S 2MM DIA RINGS 8MM @ 50C/C	400 X 475	00 X 75 MAI 0MM @ 50 C/C BOTH WAYS R.C.C. : 1z : 5	
4	C4 - NO S 250 X 500 R.C.C. 1 : 1½ : 3	 ● 8 NO S 2MM DIA RINGS 8MM @ 50 C/C	625 X 700	525 X 400 MAI 0MM @ 50 C/C BOTH WAYS R.C.C. : 1z : 5	

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4. Safe bearing capacity of soil is taken as --- T/m²

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6. Minimum lap length of Reinforcement shall be 50 times of Diameter of Bar unless Otherwise stated.

7. Laps shall be staggered not more than 50% of rods are lapped at any location for beams and 33 % for columns.

8. Read this drawing along with relevant Arch.Drawings .

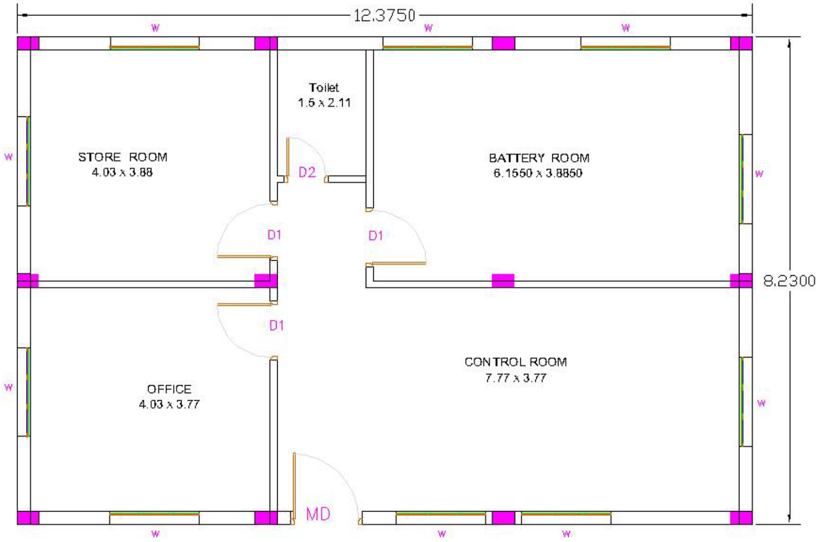
9. The minimum depth of all Foundations shall be 1.50 below N.G.L.

10. Provide clear cover to main reinforcement for for Footings=60mm, Columns = 40mm

11. P.C.C mix shall be (1:2:4) with 4" thick

COLUMNS GRID LINE DRAWING

CONTROL ROOM FOR WIND - DIESEL - SPV POWER PLANT



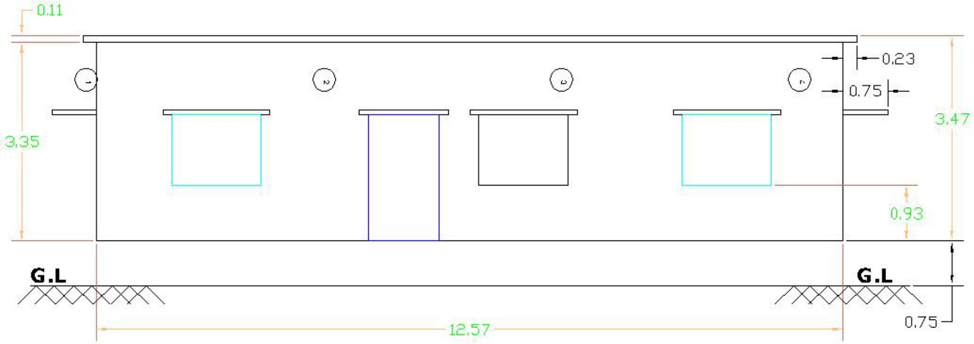
P L A N

MD - 1.2M x 2.10M
D1 - 1.0 M x 2.10M
D2 - 0.75M x 2.10M
W - 1.5M x 1.2M

PLINTH 0.75M ABOVE THE GROUND LEVEL

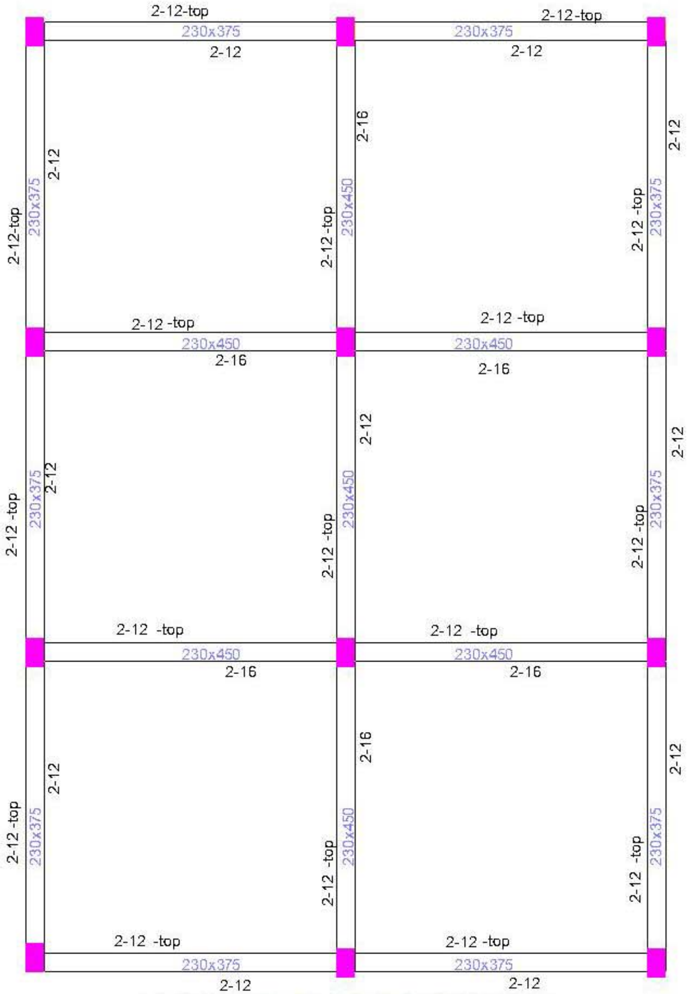
NOTE:

Slab Height 3.35 M
All dimensions are in Metres



FRONT ELEVATION

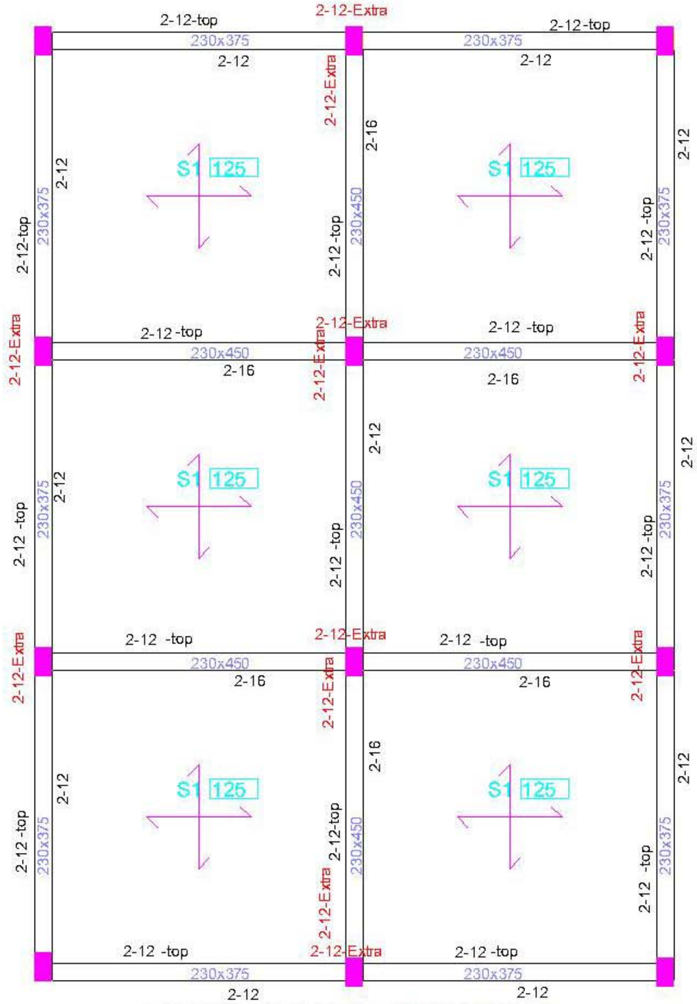
CONTROL ROOM



PLINTH BEAM DETAILS-CONTROL ROOM

Note:Stirrups are 8mm dia 125 C/C

Concrete mix M20 (1:1 1/2:3)

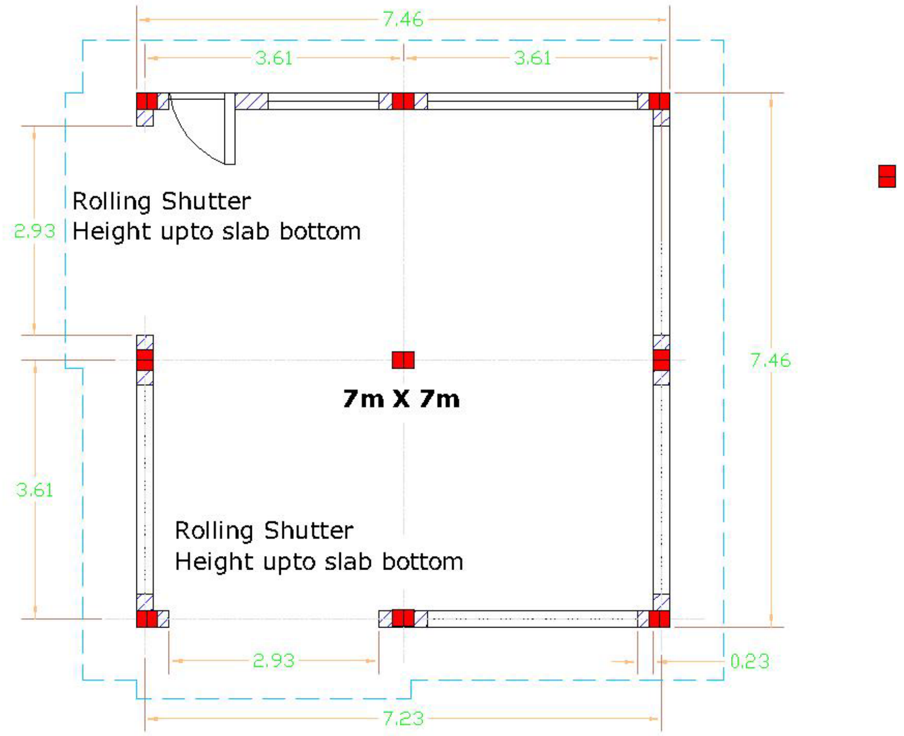


ROOF BEAM DETAILS-CONTROL ROOM

Note :- Beam Stirrups are 8mm @ 125 c/c

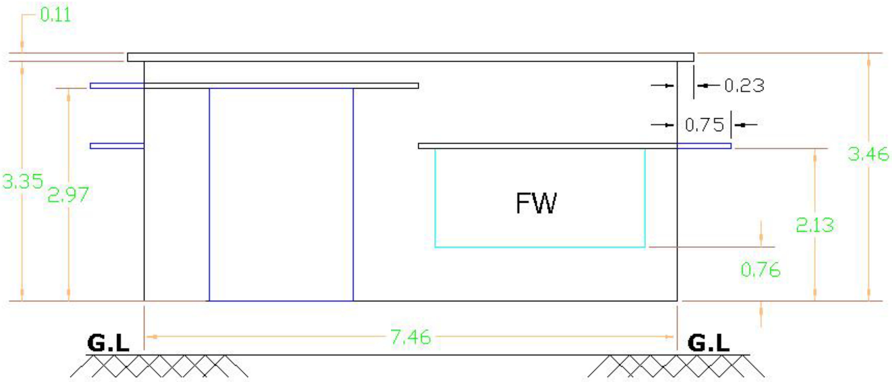
S1 :- slab for panels are provided with 10mm Ø @ 200c/c spacing for main reinforcement
and 10mm Ø @ 200c/c spacing for distribution reinforcement
with two way slab reinforcement and thickness of slab is 125
Concrete Mix for Slab M20(1:1½:3)

DUMP SHED



PLAN

Rolling Shutters 2.95M x 3.00M - 2 Nos
Door D1 .... 1.00m x 2.10m ----- 1 No
Window W1 2.95M x 1.50M ...... 5 Nos
W2 1.49m x 1.50M .... 1 no

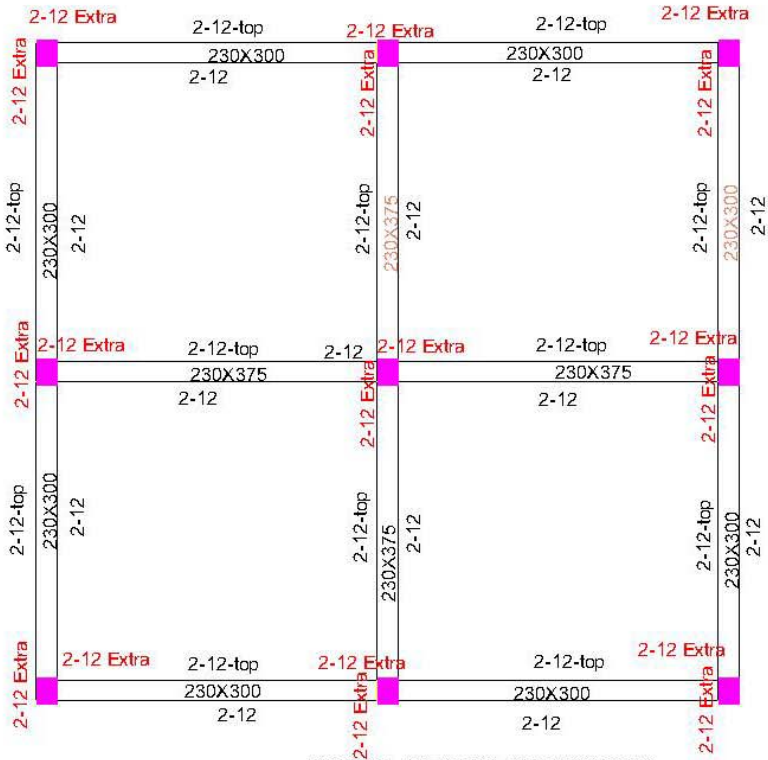


FRONT ELEVATION

dump shed

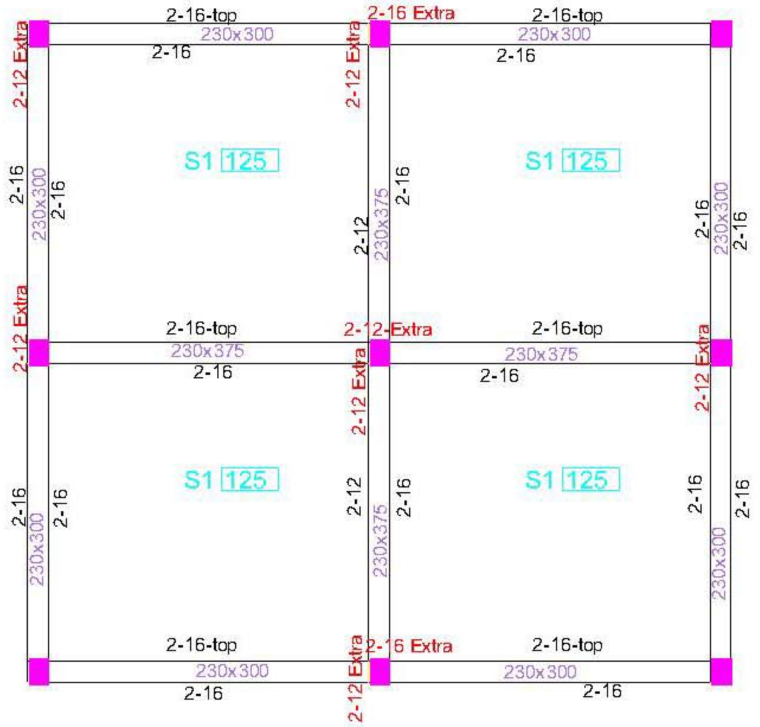
NOTE:

Slab Height : 3.3 mts.
All dimensions are in Metres



PLINTH BEAMS-DUMP SHED

Note:For 230 x 300 beam Stirrups are 8mm dia 100 C/C
For 230 x 375 beam Stirrups are 8mm dia 125 C/C
Concrete mix M20 (1:1 1/2 :3)



ROOF BEAM DETAILS-DUMP_SHED

Note :- For 230 x 300 Beam Stirrups are 8mm @ 100 c/c
For 230 x 370 Beam Stirrups are 8mm @ 125 c/c

S1 :- slab for panels are provided with 10mmØ @ 200c/c spacing for main reinforcement and 10mmØ @ 200c/c spacing for distribution reinforcement with two way slab reinforcement and thickness of slab is 125

Concrete Mix for Slab M20(1:1½:3)