

**PROJECT:-**  
**BUILDING PLAN OF GYANDEEP COLLEGE OF PHARMACY SITUATED AT VILL.-NEWADA, POST-TADIYAWAN, HARDOI. (U.P.) -241404., GATA NO.- 605,607.**

**AREA DETAIL**

1	TOTAL LAND AREA-	8100.00 SQM.
2	GROUND FLOOR COV. AREA (BLOCK-A)	1338.35 SQM.
3	FIRST FLOOR COV. AREA (BLOCK-A)	1338.35 SQM.
4	SECOND FLOOR COV. AREA (BLOCK-A)	196.59 SQM.
5	TOTAL COVERED AREA (ALL FLOOR)	2873.29 SQM.
6		

- [GENERAL]**  
 (1) ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.  
 (2) ONLY FIGURED DIMENSIONS ARE TO BE FOLLOWED NEITHER THE BARS SHALL BE COUNTED NOR THE DIMENSIONS SCALED FROM THE DRG.  
 (3) ANY DISCREPANCY IN THE DRGS. SHALL BE BROUGHT TO THE NOTICE OF THE ARCHITECT/CONSULTANT AND CLARIFICATION OBTAINED IN WRITING PRIOR TO EXECUTION OF WORK.  
 (4) HIGH YIELD STRENGTH DEFORMED BARS OF YIELD STRESS 415 N/MM<sup>2</sup> (F<sub>y</sub>-415) WHICH SHALL CONFORM TO IS 1786-1987 SHALL BE USED AS REINFORCEMENT.
- [FOUNDATION]**  
 (1) THE LAYOUT OF BUILDING SHALL BE GIVEN FROM THE ARCH. DRG.  
 (2) THE DESIGN DATA FOR FOUNDATION HAS BEEN TAKEN FROM SOIL TEST REPORT PROVIDED BY THE CLIENT (SBC) @ 10 T. SQM AT 1.5 M BELOW G.L.V.L.  
 (3) EACH BELOW FOUNDATION SHALL BE PROPERLY RAMPED & CONSOLIDATED BEFORE LAYING LEAN CONCRETE.  
 (4) C.C. - 1:4:8
- [COLUMNS]**  
 (1) THIS PORTION OF COL. & BEAM JUNCTION SHALL BE SAME AS END ZONE.  
 (2) OVER LAPS ARE ALLOWED ONLY AT MIDDLE ZONE OF THE COLUMNS.  
 (3) NOT MORE THAN 50% OF BARS SHALL BE LAPPED AT A SECTION AND LAPS SHALL BE STAGGERED.  
 (4) CONCRETE GRADE SHOULD BE PROVIDED- 1:1.5:3 (M20) GRADE.
- [BEAMS]**  
 (1) FOR LOCATION OF BEAMS REFER SLAB PLAN.  
 (2) THE SPACING OF STIRRUPS AT OVERLAPS SHOULD NOT EXCEED 150 MM. C/C  
 (3) WHERE TWO LAYERS OF REIN. BARS ARE TO BE PROVIDED, SPACER BARS ARE TO BE PROVIDED AT SPACING OF 100 MM MAX. AND THE DIA OF THE SPACER BARS SHALL BE GREATER OR EQ. TO LONGITUDINAL BARS OR 25 MM.  
 (4) MAX. 3 NOS. OF BARS SHALL BE PROVIDED IN A LAYER OF 230 MM WIDE BEAM.  
 (5) AT THE JUNCTION OF TWO REIN. NUMBER OF BARS THE HIGHER REIN. AT THE SUPPORT SHALL BE ADOPTED.  
 (6) OVER LAP IN TOP BARS SHALL BE NEAR MID SPAN & IN BOTTOM BARS SHALL BE NEAR SUPPORT OR AT SUPPORT.
- [SLABS]**  
 (1) THE LAPS & JOINTS SHOULD BE AS PER IS CODE 54-2000 & OTHER RELEVANT IS CODE.  
 (2) SLAB THICKNESS SHOULD BE 150 MM.

**LEGEND FOR FIRE SAFETY**

S.No.	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
1	FHC	FIRE HOSE CABINET	○	AUTOMATIC DETECTION & ALARM SYSTEM
2	P	68°C PENDENT SPRINKLER	⊙	SPRINKLER SYSTEM
3	U	68°C UPRIGHT SPRINKLER	⊕	WET RISER
4	FS	FLOW SWITCH	⊙ F.E.	F. EXTINGUISHER
5	PG	PRESSURE GAUGE	T.P.	TERRACE PUMP (900 LPM)
6	BV	BUTTERFLY VALVE	D.P.	DIESEL PUMP (AUTOMATIC) 2280 LPM
7	SPP	M.S. SPRINKLER PIPE	EP	ELECTRICAL PUMP (AUTOMATIC) 2280 LPM
8	FHP	M.S. FIRE HYDRANT PIPE	JP	JOCKEY PUMP (AUTOMATIC) 180 LPM
9	SPDP	M.S. SPRINKLER DRAIN PIPE	⊠	OVER HEAD TANK 20000 LTR.
10	WATER	9 Ltr. WATER BASED TYPE EXTINGUISHER @ 1.5 Mtr. FROM F.F.L.	⊙	HOSE REEL
11	CO2	6.0 Kg. CO <sub>2</sub> TYPE FIRE EXTINGUISHER @ 1.5 Mtr. FROM F.F.L.	⊙	SAND BUCKETS
12	ABC	ABC TYPE FIRE EXTINGUISHER @ 1.5 Mtr. FROM F.F.L.	⊙	DELIVERY HOST BOX
13	ESB	EXIT SIGN BOARD	⊙	FIRE HYDRANT
14	BOP	BOTTOM OF PIPE	—	150 MM Ø PIPE
15	C.O.P.	CENTRE OF PIPE	—	100 MM Ø PIPE

- 1 SEWER LINE SHOWN THUS ————
- 2 RAIN WATER PIPE ———— 100 MM Ø R.W.P.
- 3 RAIN WATER LINE ————

**DOOR / WINDOW DETAIL**

S.No.	TYPE	SIZE	SILL	LINTEL
1	D	1200X2550	0	2550
2	D1	1050X2100	0	2100
3	D2	750X2100	0	2100
4	D/W	2100X2550	0	2550
5	W	2400X1500	1050	2550
6	W1	1500X2250	300	2550
7	V	900X900	1650	2550

**OWNER SIGN**

**ARCHITECT/ENGINEER SIGN:-**

