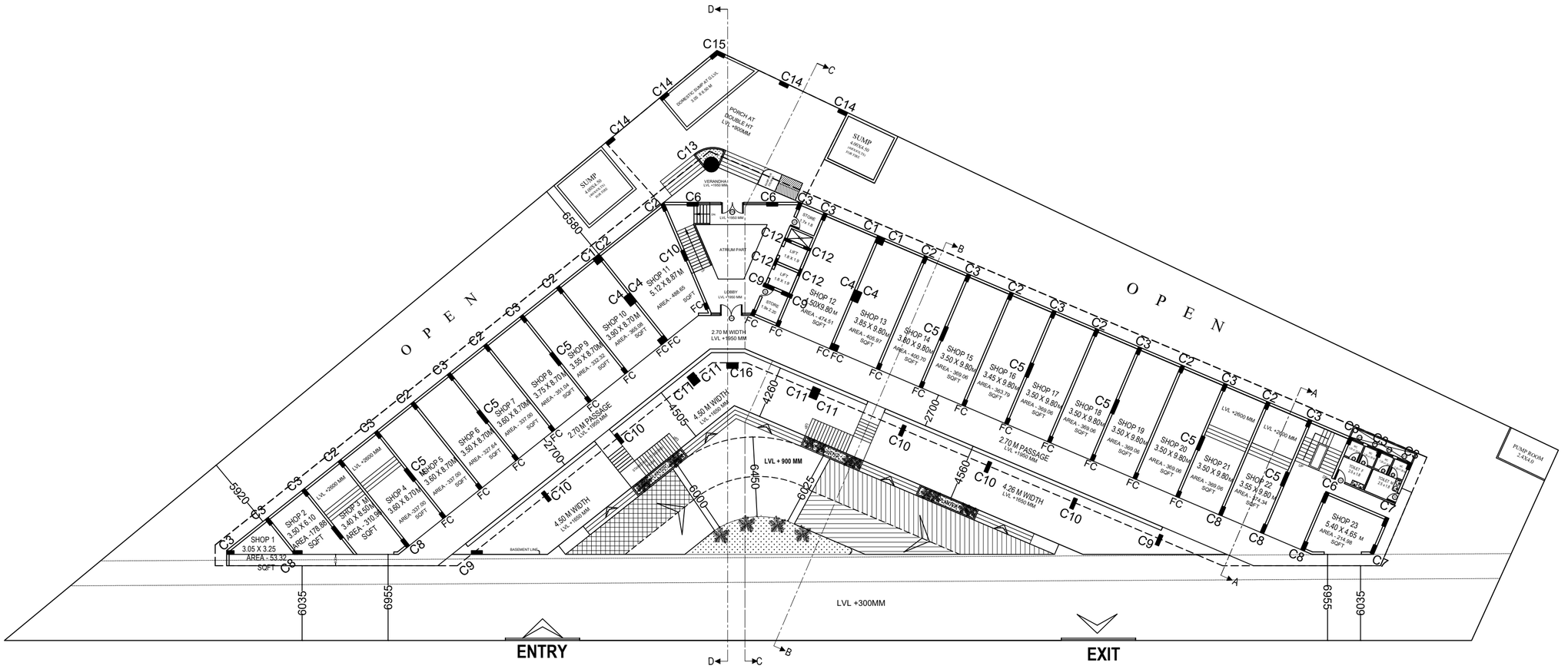

GROUND FLOOR PLAN

GENERAL NOTES

NOTES-

1. USE M-25 GRADE OF CONC.AS/ IS 456-2000
2. USE - FE 500 GRADE OF REINF. AS/ IS-1786
3. PROVIDE CLEAR COVER TO MAIN REINF.

FOUNDATION- 50MM
COLUMN - 40MM
BEAM - 25MM
SLAB - 15MM OR DIA OF BAR, WHICHEVER IS MORE,
R.C.C. WALL - 25MM

4. TIES SHOULD BE BEND INSIDE WITH 10# LENGTH IN BEAM & COLUMN

5. FOLLOW - IS-456-2000 FOR R.C.C. WORK
6. STRIPPING TIME FOR SHUTTERING / FORMWORK UNDER NORMAL CONDITION.

TYPE OF WORK	MINIMUM PERIOD BEFORE STRIKING FORM WORK
a) VERTICAL FORMWORK TO COLUMN, WALLS, BEAM	16-24 HOUR
b) SOFFITS FORMWORK TO SLABS (PROPS TO BE REFIXED- - IMMEDIATELY AFTER REMOVAL OF FORMWORK)	3 DAYS
c) SOFFIT FORMWORK TO BEAMS (PROPS TO BE REFIXED IMMEDIATELY AFTER REMOVAL OF FORMWORK)	7DAYS
d) PROPS TO SLABS:	
1) SPANNING UP TO 4.5M	7DAYS
2) SPANNING OVER 4.5M	14 DAYS
e) PROPS TO BEAMS & ARCHES:	
1) SPANNING UP TO 6M	14DAYS
2) SPANNING OVER 6M	21DAYS

7. CURING FOR R.C.C. MEMBER MINIMUM 7 DAYS CONTINOUSELY PREFERABLE - 28 DAYS.
8. START EARLY CURING TO AVOID SRINKAGE CRACKS, WHEN CONCRETE APPEARS TO HARDEN.
9) PROVIDE FOLLOWING SLUMP IN CONCRETE GEN--ERALLY.

a) SHALLOW SECTIONS, PAVMENTS, MASS CONC. LIGTH REINFORCEMENT SECTION IN SLAB, BEAM, WALL, COLUMN	25-75
b) HEAVILY REINFORCEMENT SECTION IN SLAB	50-100
c) HEAVILY REINFORCEMENT SECTION IN BEAMS, WALLS, COLUMNS SLIPFORM, OR PUMPED CONC.	75-100
d) TRENCH FILL, PILLING, PUMPED CONC.	100-150

10) PROVIDE LAP/ DEVELOPEMENT LENGTH IN REINFORCEMENT BARS GRADE OF CONC.

M20- 47Ø
M25-41Ø
M30-38Ø

11) REFER RELEVANT DRG. WITH THIS DRG.

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PROJECT NAME AND ADDRESS-

UDYOG BHAWAN

DRAWN- VASUDEV SAHU	DRAWING- GROUND FLOOR COLUMN POSITION PLAN
DATE - 23.03.2015	
SCALE- N.T.F.	
FILE NAME-	