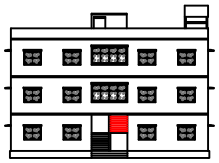
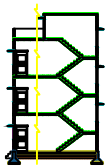
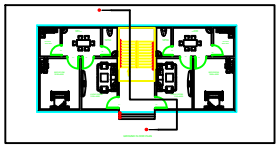
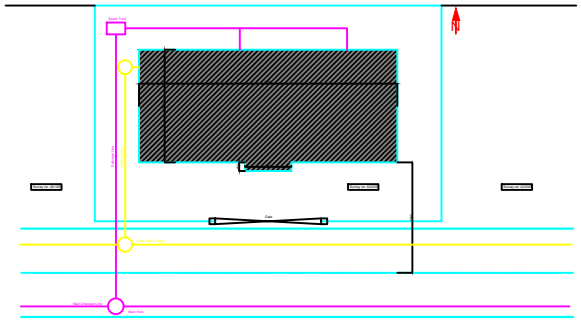
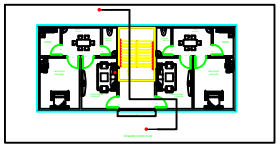


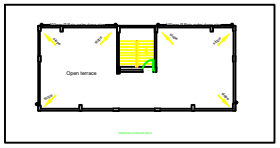


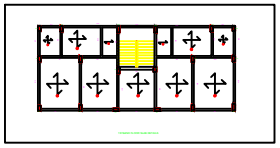
| FOUNDATION DETAILS | | | | COLUMN DETAILS |
|---|---|---|---|---|
| COL_NO | P.C.C. SIZE | R.C.C. SIZE | D:d | COLUMN SIZE |
| 1,8,13,18 | 1,8,13,19 | 1,8,13,20 | 1,8,13,21 | 1,8,13,22 |
| 2,3,4,5,9,12,14,17 | 1850×1250 | 1650×1050 | 550:300 | 230×500 |
| 10,11 | 2000×1300 | 1800×1100 | 600:300 | 230×550 |
| 6,7,15,16 | 1850×1800 | 1650×1600 | 550:300 | 230×600 |

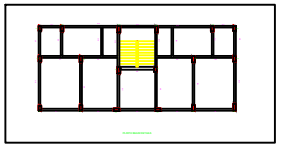


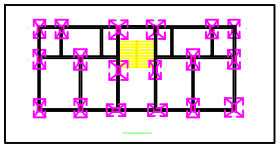


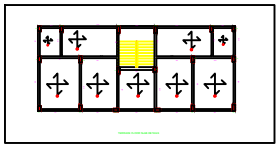










Wall Thickness = 150mm
Plinth Offset = 100mm
Plinth Beams = 150x450
Floor Beams = 150x550

| WINDOWS | SIZES |
|---|---|
| W | 2000×2000 |
| W1 | 1500×1200 |
| W2 | 3150×1600 |
| V | 600×600 |
| DOORS | SIZES |
| D | 1000×2100 |
| D1 | 900×2000 |
| D2 | 800×2000 |

CONSTRUCTION NOTES :

THE STRATA SHALL BE CHECKED FROM CONSULTANT BEFORE SOILING & PCC.
ASSUMED SAFE BEARING CAPACITY OF SOIL= 20 T/M² AT A DEPTH OF 2 M BELOW ORIGINAL GROUND LEVEL.

NOTES/SPECIFICATIONS FOR R.C.C WORK

Ø INDICATES MILD STEEL GRADE CONFIRMING TO IS:432
Ø INDICATES HIGH YIELD STRENGTH DEFORMED BARS OF FE-415
USE M-20 GRADE OF CONCRETE AND CONTRACTOR IS LIABLE TO GET STRENGTH OF CONCRETE BY PROPER MIXING OF INGRADIENTS, COMPACTION, CURING.
BONDING AGENTS SHOULD BE APPLIED AT EVERY OLD AND NEW CONCRETE JOINT WITH PROPER CARE.
MINIMUM 6 CONCRETE CUBES AT THE TIME OF EVERY SLAB CASTING SHOULD BE CASTED AND THE SAME SHOULD BE TESTED AFTER 7 AND 28 DAYS
STEEL ALSO SHOULD BE TESTED BEFORE USING FOR BENDING AND TENSILE STRENGTH.
ONLY RIVER SAND SHOULD BE USED FOR CONSTRUCTION PURPOSE
COVERS SHALL BE AS FOLLOWS
FOOTING .....50 mm , COLUMN ..... 40 mm
BEAMS .....25 mm , SLABS .....15 mm

## NOMINAL MIX FOR PCC & CONCRETE

FOR M-10 GRADE PCC----------1:3:6
FOR M-20 GRADE CONCRETE-------1:1.5:3
WC RATIO SHALL BE 0.4 TO 0.4

## REMOVAL OF FORMWORK

TEMPRATURE ABOVE 21 CEL
WALLS, COLUMNS, VERTICAL SIDES OF BEAM---------48 HRS
SLABS UPTO 4.5M SPAN----------7 DAYS
SLABS ABOVE 4.5M SPAN----------14 DAYS
BEAMS UPTO 6M SPAN----------14 DAYS
BEAMS ABOVE 6M SPAN----------21 DAYS

* THIS STRUCTURE IS DESIGNED FOR G+2 UPPER STORIES.
* THIS DRAWING IS VALID FOR CONSTRUCTION SUBJECTS TO ARCHITECTS APPROVAL.
* THIS DRAWING IS TO BE REFFERED IN CONJUCTION WITH ARCHITECTURAL DRAWING.
* ACTUAL SIZES OF FOOTINGS AND BEAMS MAY VARY DEPENDING UPON THE SITE CONDITIONS

| | | | | |
|---|---|---|---|---|
| | 4 | TITLE | DRAWN BY | ABHIRAM MODEPU |
| | 3 | | CHECKED BY | NAME |
| | 2 | Submission Drawing of G+2 Storeyed Residential Building | ACADD CENTRE | |
| Revision | 1 | | | |