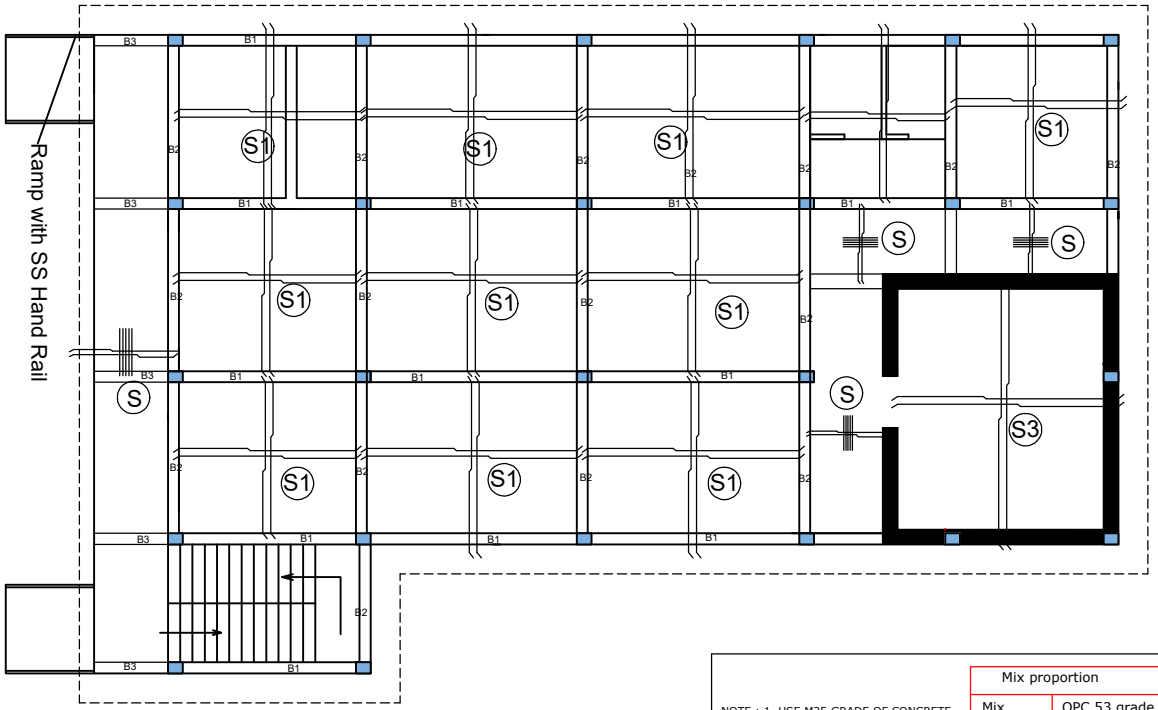
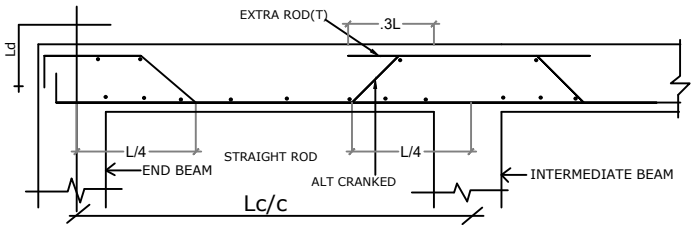


Note: 8mm Dia Dowel Bar to be kept for Corridor

SCHEDULE OF SLAB REINFORCEMENT : EXTRA AT CONTINUOUS EDGE

TYPE	THICK	SHORTSPAN	LONGSPAN	SHORTSPAN	LONGSPAN	REMARKS
S	5"	Y10@7"c/c alt - cranked	Y8@8"c/c alt - cranked	Y10@18"c/c alt - extra	Y8@14"c/c alt - extra	ONE-WAY
S1	5"	Y10@6"c/c alt - cranked	Y10@6"c/c alt - cranked	Y10@18"c/c alt - extra	Y8@20"c/c alt - extra	TWO-WAY
S3	1'	Y12@6"c/c alt - cranked	Y12@6"c/c alt - cranked	Y12@18"c/c alt - extra	Y12@20"c/c alt - extra	TWO-WAY



TYPICAL SLAB DETAIL

REFERENCES:

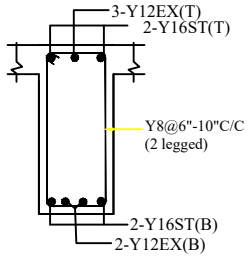
EX(T): EXTRA ROD AT TOP
EX(B): EXTRA ROD AT BOTTOM
ST(T): STRAIGHT ROD AT TOP
ST(B): STRAIGHT ROD AT BOTTOM
CB: CONCEALED BEAM

NOTE : 1. USE M25 GRADE OF CONCRETE FOR COLUMNS & M20 FOR SLABS AND BEAMS
2. USE FE 415 STEEL

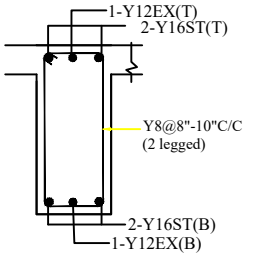
Mix proportion	
Mix	OPC 53 grade
M20	1:1½ :3
M25	1:1:2

DEVELOPEMENT LENGTH (Ld)=

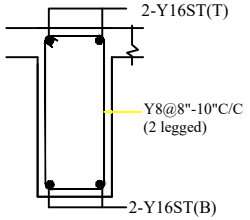
Grade	columns	beams and slabs
M25	33Ø	41Ø
M20	38Ø	47Ø



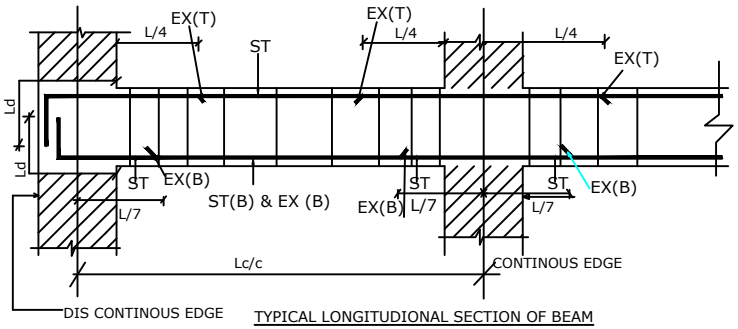
B1(15"X9")



B2(9"X12")



B3(9"X12")



TYPICAL LONGITUDIONAL SECTION OF BEAM

ST - TOP STRAIGHT STEEL TO BE CONTINUED FROM BEHIND BEAM
CT:BEHIND THE SLAB STEEL TO BE CONTINUED (TOP & BOT)
PROVIDE DIST STEEL LONG SIDE Y8@8" C/C

GENERAL NOTES & SPECIFICATIONS

1. ALL DIMENSIONS UNLESS OTHERWISE STATED ARE IN FEET.
2. MISSING AND AMBIGUOUS DIMENSIONS IN ANY DRAWING ARE TO BE CLARIFIED FROM AUTHORITY CONCERNED.
3. DO NOT SCALE DRAWING,FOLLOW ONLY WRITTEN DIMENSIONS.

R.C.C
1. GENERAL GRADE OF REINFORCED CONCRETE M-20(NOMINAL)& OF P.C.C IS M-10 UNLESS OTHERWISE STATED, WITH W/C RATIO OF 0.50.
2. CEMENT:
A)USE 53 GRADE O.P.C CONFIRMING TO IS-2269
B)USE 43 GRADE O.P.C CONFIRMING TO IS-8112
3.COARSE AGGREGATE:
FREE FROM DELETERIOUS MATERIAL -B.T. METAL M.S.A = 20MM & DOWN FOR FOUNDATION, BEAM & COLUMNS 12.5 MM & DOWN FOR SLAB & SUCH THIN SECTION.
4. REINFORCEMENT: HYSD BARS OF GRADE Fe 500 CONFIRMING TO IS- 1786-1985.
* WELDING OF BARS WITH PERMISSION OF STRUCTURAL ENGINEER
* DEVELOPMENT/LAPPING LENGTH OF BARS (C=50Ø AND T= 55Ø)
* MINIMUM CLEAR COVER TOR/F(OUTERMOST)
FOUNDATION - 50 MM(SIDES, BOTTOM &TOP)
COLUMN - 25.35 MM (SIDES)
SLAB - 15 MM (SIDES) 25MM(BOTTOM &TOP)
BEAM - 25 MM (TOP & BOTTOM)
5. CURING PERIOD FOR RCC - 14DAYS
6. STRIPPING TIME OF FROM WORK FOR RCC - AS DECIDED BY SITE ENGINEER IN ACCORDANCE WITH IS-456/2000.
7. REINFORCEMENT ALL THE CONCRETE ELEMENTS SHOULD BE GOT APPROVED BEFORE CASTING.
8. ANY DISCREPANCY IN FIELD DIMENSION SHOULD BE GOT CLARIFIED FROM THE CONSULTANTS.
9. PLEASE CHECK THE DIMENSION WITH RESPECT TO ARCHITECTURAL PLANS BEFORE EXECUTION.
10. FOR OTHER GENERAL DETAILS FOLLOW IS-456/2000 OR SEEK CLARIFICATION FROM CONSULTANTS.
11. THE BUILDING FOUNDATION IS DESIGNED FOR P+4 FLOOR ONLY.
12. THE EXCAVATED AREA OF PLINTH /FOUNDATION TO BE REFILLED WITH MURRUM /GOOD ENGINEERING EARTH.
13. COMPACT THE MURRUM TO GIVE A FIELD DENSITY OF 60-62 KG/CFT(2.3 GM/CC).
14. MINIMUM SAFE BEARING CAPACITY OF SOIL FOR FOUNDATION MUST BE 180 KN/SQM.(18.0 TON/SQM)

NOTE:
ALL DRAWINGS TO BE CO-RELATED TO OTHER DWGS, DOCUMENTS, TENDER/SPECIFICATION, INCLUDING OTHER CONSULTANTS, SUPPLIERS, MANUFACTURERS BEFORE EXECUTION. ANY DISCREPANCY / AMBIGUITY TO BE BROUGHT TO ARCHITECTS NOTICE IN WRITING, REASONABLY IN ADVANCE.DONOT SCALE THE DRAWING, FOLLOW THE DIMENSIONS MENTIONED. ALL DIMENSIONS TO BE CHECKED AT SITE, DO NOT USE THE DRAWING FOR ANY OTHER PURPOSE THAN IT IS MEANT FOR.

REFERENCE DRAWINGS

DRAWING No.	TITLE	REV

STAMP

REV.	DESCRIPTION	DATE	DWN	CHKD	APPD
	ISSUEDFORAPPROVAL				

CLIENT
SMT:VIJAYALAKSHMI UPADYAYA

ARCHITECT:DEVIPRASAD KUNDESHWARA

DESIGN CONSULTANT: AAGAMAA DESIGNERS

MAIN CONTRACTOR

PROJECT TITLE
PROPOSED RESIDENCE BUILDING AT KRKALA

DRAWING FOR CONSTRUCTION

DRAWING TITLE
GROUND FLOOR SLAB DRAWING PLAN

THIS IS A CAD DRAWING AND MUST NOT BE ALTERED MANUALLY

DRAWING NUMBER:

ORIG. DWG SIZE: A3	REV

231104-4 GROUND FLOOR SLAB PLAN