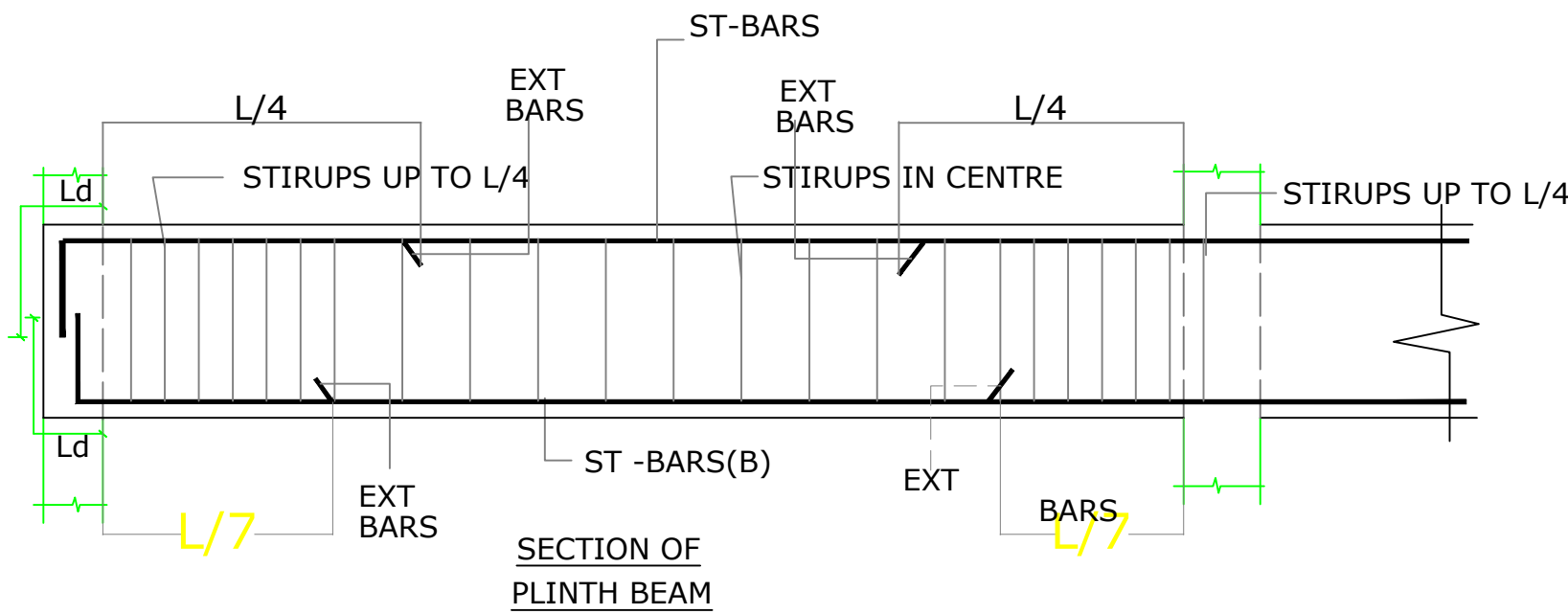


NOTE : 1. USE M25 GRADE OF CONCRETE FOR COLUMNS & M20 FOR SLABS AND BEAMS  
2. USE FE 415 STEEL

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



**GENERAL NOTES & SPECIFICATIONS**

- ALL DIMENSIONS UNLESS OTHERWISE STATED ARE IN FEET.
  - MISSING AND AMBIGUOUS DIMENSIONS IN ANY DRAWING ARE TO BE CLARIFIED FROM AUTHORITY CONCERNED.
  - DO NOT SCALE DRAWING, FOLLOW ONLY WRITTEN DIMENSIONS.
- R.C.C
- 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.
  - CEMENT:
    - A)USE 53 GRADE O.P.C CONFIRMING TO IS-2269
    - B)USE 43 GRADE O.P.C CONFIRMING TO IS-8112
  - 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.
  - 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=5Ø 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)
  - CURING PERIOD FOR RCC - 14DAYS
  - STRIPPING TIME OF FROM WORK FOR RCC - AS DECIDED BY SITE ENGINEER IN ACCORDANCE WITH IS-456/2000.
  - REINFORCEMENT ALL THE CONCRETE ELEMENTS SHOULD BE GOT APPROVED BEFORE CASTING.
  - ANY DISCREPANCY IN FIELD DIMENSION SHOULD BE GOT CLARIFIED FROM THE CONSULTANTS.
  - PLEASE CHECK THE DIMENSION WITH RESPECT TO ARCHITECTURAL PLANS BEFORE EXECUTION.
  - FOR OTHER GENERAL DETAILS FOLLOW IS-456/2000 OR SEEK CLARIFICATION FROM CONSULTANTS.
  - THE BUILDING FOUNDATION IS DESIGNED FOR P+4 FLOOR ONLY.
  - THE EXCAVATED AREA OF PLINTH /FOUNDATION TO BE FILLED WITH MURRUM /GOOD ENGINEERING EARTH.
  - COMPACT THE MURRUM TO GIVE A FIELD DENSITY OF 60-62 KG/CFT(2.3 GM/CC).
- ALL DRAWINGS ARE BEING RELATED TO OTHER DWG OR FOUNDATIONS MUST BE IN PROVISION, 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

REV.	DESCRIPTION	DATE	DWN	CHKD	APPD
0	ISSUED FOR APPROVAL				
1					

CLIENT  
SMT: VIJAYALAKSHMI UPADYAYA

ARCHITECT: DEVIPRASAD KUNDRESHWARA

DESIGN CONSULTANT: AAGAMAA DESIGNERS

MAIN CONTRACTOR

PROJECT TITLE  
PROPOSED RESIDENCE BUILDING AT KRKALA

**DRAWING FOR CONSTRUCTION**

DRAWING TITLE  
PLINTH BEAM DRAWING PLAN

THIS IS A CAD DRAWING AND MUST NOT BE ALTERED MANUALLY

DRAWING NUMBER:      ORIG. DWG SIZE: A3      REV