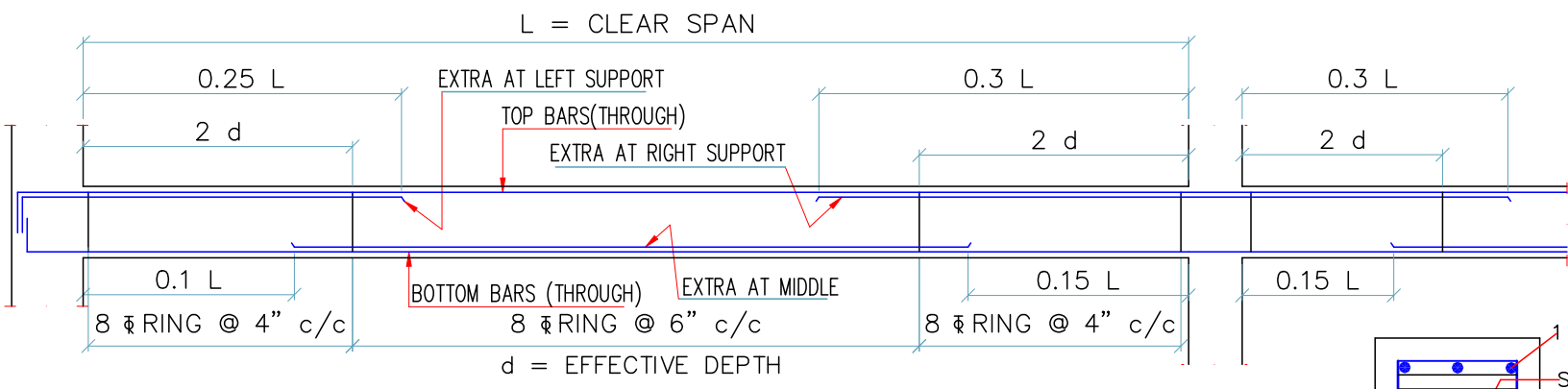
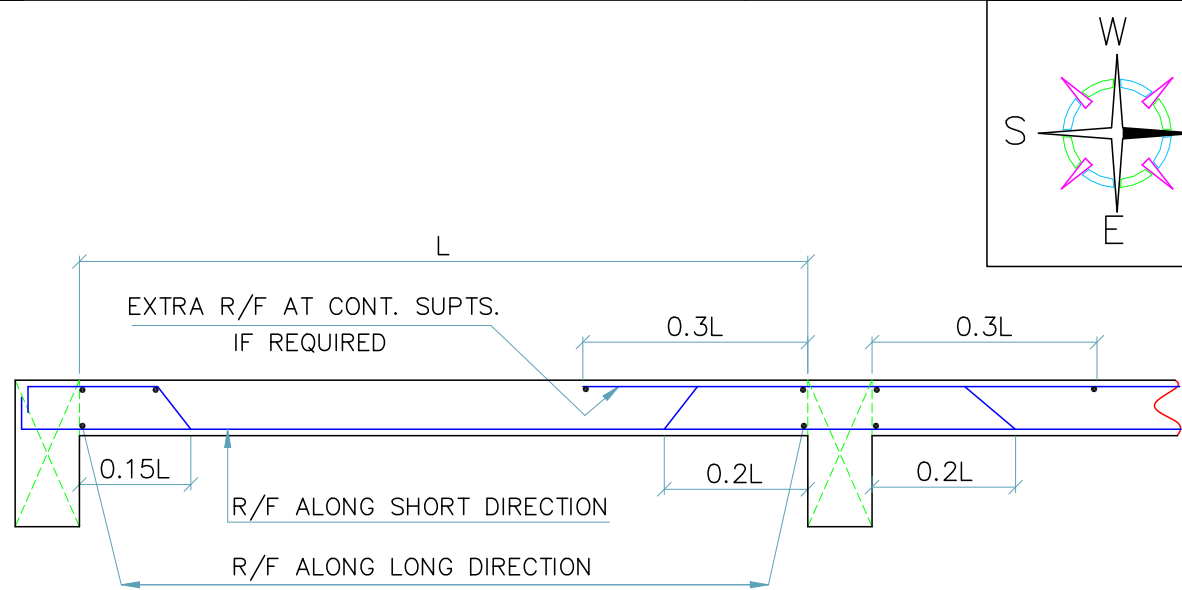
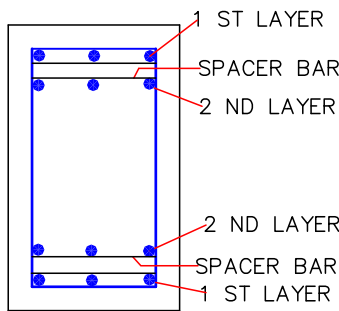


LAYOUT PLAN OF GROUND FLOOR ROOF BEAMS AND SLAB



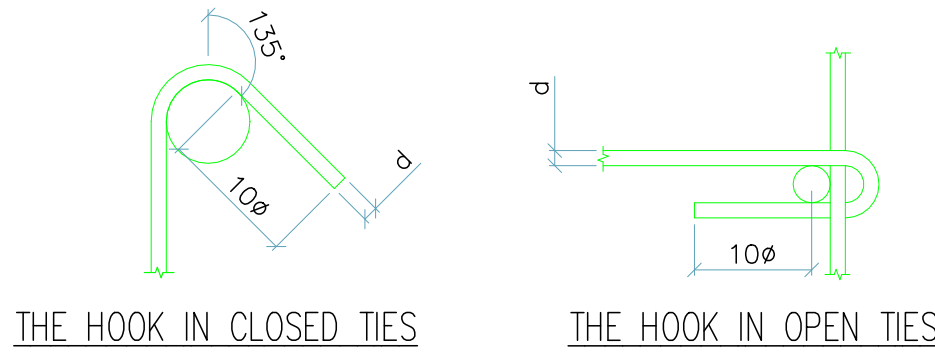
TYPICAL DETAIL OF STIRRUPS AND EXTRA R/F.
(FOR ALL ROOF BEAMS CALCULATIONS)

TYPICAL CROSS SECTION
OF BEAM

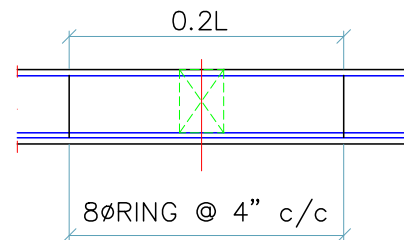


TYP. CROSS SECTIONAL DETAIL OF SLAB

S. No.	SLAB INDEX	THK	REINFORCEMENT		EXTRA AT SUPPORT ON TOP	
			ALONG SHORT SPAN	ALONG LONG	SP. ALONG SHORT	SP. ALONG LONG SPAN
1.	S1	8"	16 TOR @ 6" C/C	8 TOR @ 6" C/C	16 TOR @ 12" C/C	8 TOR @ 12" C/C
2.	S2	6"	10 TOR @ 6" C/C	10 TOR @ 6" C/C	10 TOR @ 12" C/C	8 TOR @ 12" C/C
2.	S2	7"	16 TOR @ 7" C/C	16 TOR @ 7" C/C	16 TOR @ 14" C/C	16 TOR @ 14" C/C



THE HOOK IN CLOSED TIES THE HOOK IN OPEN TIES



TYP. DETAIL AT BEAM TO BEAM SUPPORT
(CLOSE SPACING OF RING NEAR BEAM TO BEAM SUPPORT)

- GENERAL NOTES :-
- THESE NOTES SHALL BE APPLICABLE FOR ALL R.C.C. WORKS (UNO)
 - ALL DIMENSIONS ARE IN FEET INCHES.
 - DO NOT SCALE THE DRAWING, ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
 - ALL DIMENSIONS SHALL BE CHECKED AND CO-RELATED WITH THE ARCHITECTURAL DRGS. AND ANY DOUBT SHALL BE IMMEDIATELY BROUGHT TO THE NOTICE OF THE CONSULTANT IN WRITTEN BEFORE COMMENCEMENT OF THE WORK.
 - CONCRETE MIX SHALL BE M20 (1:1.5:3) (CHARACTERISTIC COMPRESSIVE STRENGTH = 20 N/SQ MM.) CONFORMING TO IS: 456 - 2000
 - REINFORCEMENT SHALL BE HIGH STRENGTH DEFORMED BARS OF GRADE Fe : 415 (YIELD STRESS= 415 N/SQMM.) CONFORMING TO IS : 1786
 - ALL LAP LENGTH SHALL BE PROVIDED 50 TIMES THE DIA OF BARS (UNO)
 - ALL "L" BENDS SHALL BE OF 450 MM (UNLESS NOTED OTHERWISE)
 - CLEAR COVER TO REINFORCEMENT (INCLUDING RING) SHALL BE AS BEAMS - 25 MM, COLUMNS - 25 MM FOR COL. SIZE UPTO 200 MM (b) SLABS - 20 MM ; - 40 MM FOR COL. SIZE ABOVE 200 MM FOOTING - 50 MM ;
 - ALL CONSTRUCTION WORK SHALL BE DONE AS PER DRAWING/ENGINEER INCHARGE
 - NOT MORE THAN HALF OF THE COLUMN REINFORCEMENTS SHALL BE LAPPED AT A SECTION.
 - ANY DEVIATION FROM STRUCTURAL DRAWINGS SHALL NOT BE ALLOWED.

REV.	DESCRIPTION	DATE	BY
1	PANDIYA BUILDERS	DRG. NO.	DC04-01-RCC-03
2	GP MANUFACTURING (G+2)	SIZE	A3 (SHEET-1)
3	POLO GROUND (INDORE)	DATE	22-JUNE-17
GROUND FLOOR ROOF BEAMS AND SLAB DETAILS		DESIGN BY	S.PAL



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STRUCTURAL CONSULTANTS
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