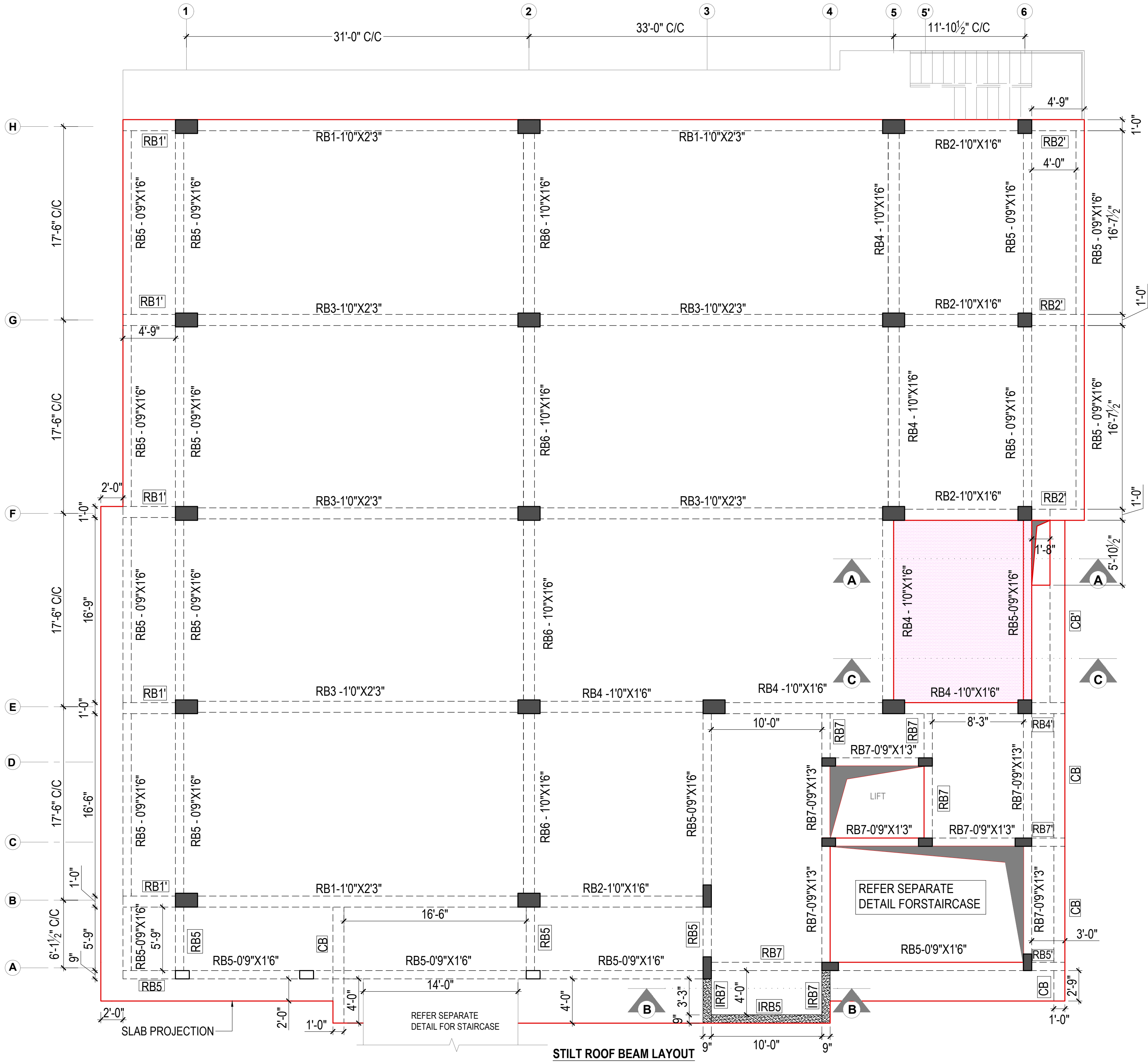




ROOF BEAM SIZES:

NAMES	ROOF BEAM SIZE
RB1	1'-0" X 2'-3"
RB1'	1'-0" X 1'-6"
RB2	1'-0" X 1'-6"
RB3	1'-0" X 2'-3"
RB4	1'-0" X 1'-6"
RB5	0'-9" X 1'-6"
IRB5	0'-9" X 1'-3"
RB6	1'-0" X 1'-6"
RB7	0'-9" X 1'-3"
IRB7	0'-9" X 1'-3"
CB	1'-0" X 0'-5"
CB'	1'-4" X 0'-5"

- BEAM AND SLAB SUNKEN BY 9"
- INVERTED BEAM
- COLUMN TO BE STOPPED @ STILT ROOF

NOTES:

- ALL DIMENSIONS ARE IN "FEET & INCHES".
- ALL LEVELS WITH RESPECT TO ($\pm 0'-0"$ F.F.L)
- CONCRETE : M25 GRADE
- STEEL : Fe 550 GRADE
- CEMENT : 53 GRADE
- CURING PERIOD FOR ALL STRUCTURAL CONCRETE IS 28 DAYS.
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOWS:
A) FOR BEAMS - 1"(25mm) B) FOR SLABS - 0.75"(20mm)
C) FOR COLUMN - 1½"(40mm)
- LAP LENGTH SHALL BE 50 TIMES THE DIA OF THE BAR
- REINFORCEMENT IN THE BEAMS SHALL BE BOTTOM CURTAILED ROD 0.1L FROM END SUPPORT & 0.15L FROM MID SUPPORT EXTRA ROD 0.3L FROM SUPPORT.
- REINFORCEMENT IN THE SLABS SHALL BE CRANKED AT 0.25L FROM SUPPORT AND EXTRA RODS SHALL BE FOR 0.3L LENGTH UNLESS SPECIFIED OTHERWISE WHERE L IS CLEAR SPAN.
- REFER RESPECTIVE ARCHITECTURAL WORKING PLAN & ELEVATION, SECTION DRAWING.
- ANY DISCREPANCY IN THE DRAWING SHALL BE BROUGHT TO THE NOTICE OF DESIGN FORUM AND CLARIFIED BEFORE EXECUTION.
- DO NOT SCALE THIS DRAWING. FOLLOW THE GIVEN DIMENSIONS ONLY.



GOOD FOR CONSTRUCTION

SIGN: DATE: 22.04.2026



Design Forum India Private Limited
ARCHITECTURAL & STRUCTURAL ENGINEERING CONSULTANTS.
COIMBATORE - 641 018. PH : 0422 - 2211661, 2211676.

CAD FILE	SYS - 03	CLIENT NAME :	
SCALE	1"= 6'-0"	Dr.LAVANYA	
DATE	22.04.2026		
DESIGNED	CRS	PROJECT CODE	PROJECT NAME :
DRAWN	POORNI		COMMERCIAL COMPLEX @ COIMBATORE
CHECKED	CRS	U-022	
DRAWING TITLE		STILT FLOOR ROOF BEAM DETAIL	REV NO
			0
DRAWING NO		U-022-SW-006	SHEET
			1-3
			APPROVED
			-