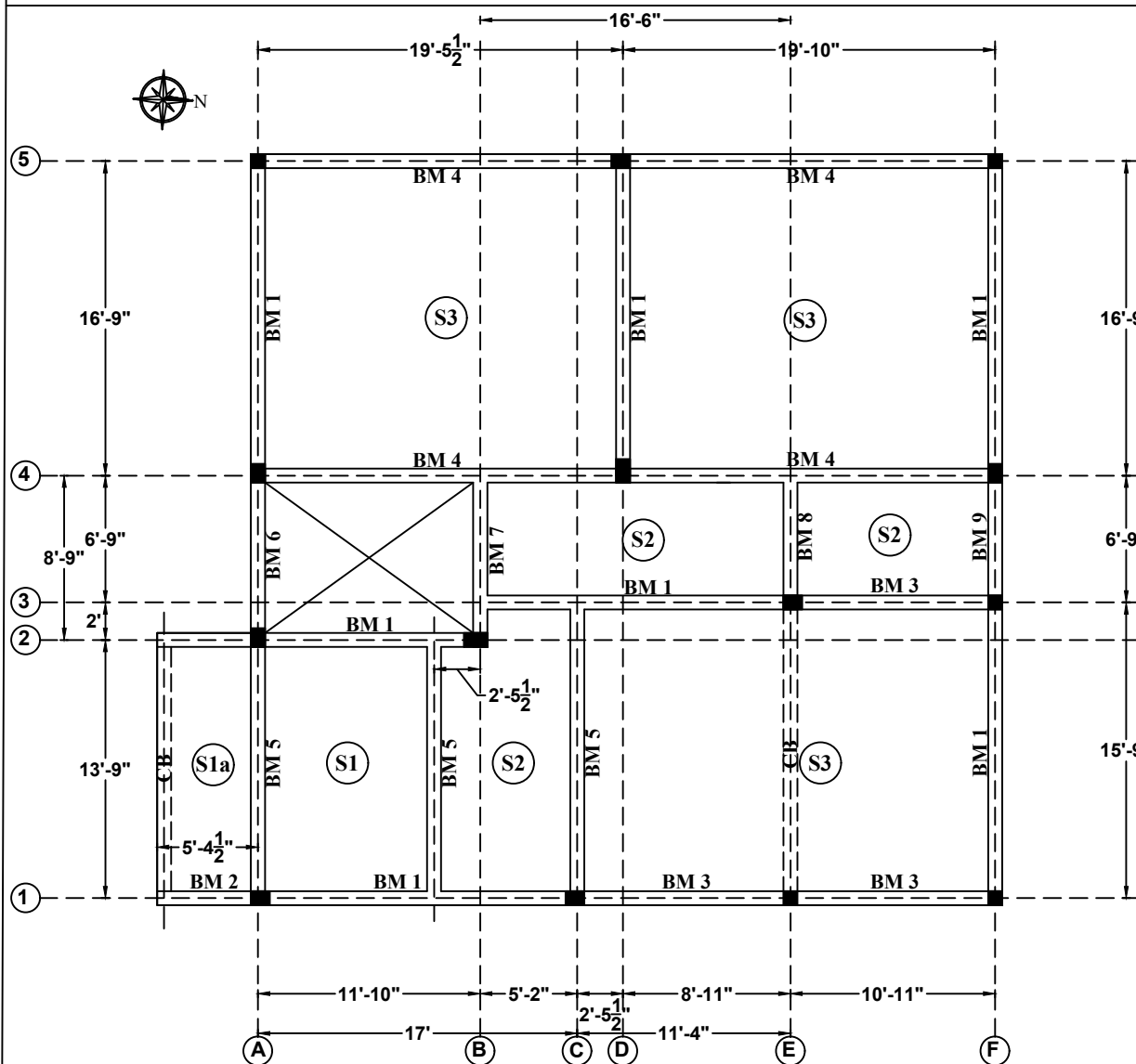




GROUND FLOOR
ROOF BEAM & SLAB LAYOUT

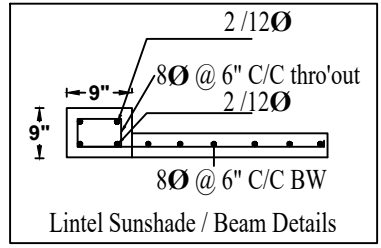
ALL DIMENSIONS ARE IN FOOT AND INCHES

BEAM DEPTH IS INCLUSIVE OF SLAB THICKNESS

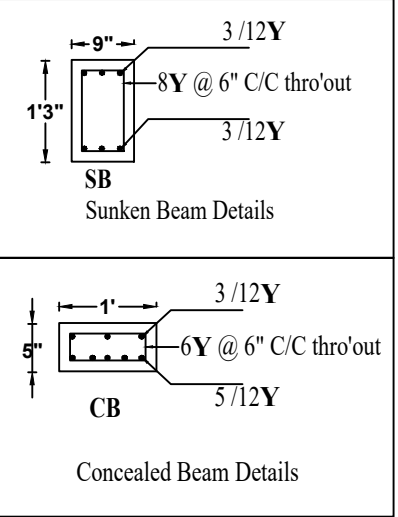
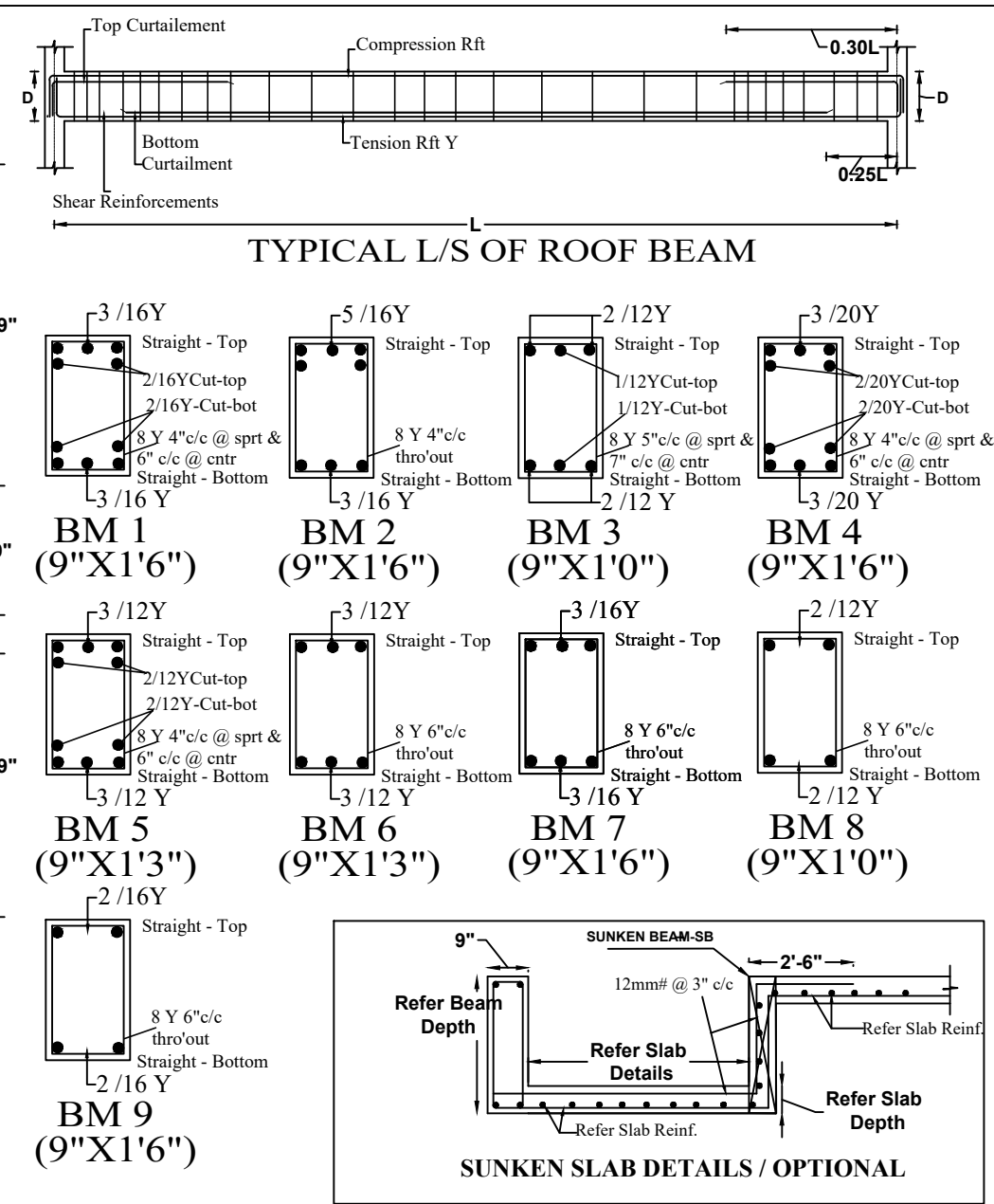
LAPPING OF COLUMN RODS SHOULD NOT BE DONE AT THE SAME LEVEL.

NOTE:
1.Alternate bars shall be cranked for length of 0.25 L from the support.
2.The cranked bars shall be extended to 0.30 L of adjacent slab.

WATER CEMENT RATIO FOR 1 BAG OF CEMENT USE MAXIMUM OF 25 LITRES OF WATER.
USE 53 GRADE CEMENT



SLAB NO	SLAB REINFORCEMENT DETAILS				THICKNESS	TYPE
	SHORT SPAN (MAIN)		LONG SPAN (DIS)			
	DIA	SPACING	DIA	SPACING		
S1a	10mm	6"	8mm	6"	5"	Cantilever
S1	10mm	6"	8mm	6"	5"	Oneway
S2	8mm	4"	8mm	6"	5"	Oneway
S3	10mm	6"	10mm	6"	5"	Twoway



- NOTES :
- GRADE OF CONCRETE : M 25
(AS PER IS 456-2000)
 - GRADE OF STEEL Fe 415
(AS PER IS 1786-1985)
 - REMOVAL OF FORM WORKS FOR BEAM SIDES -24 HRS AFTER CASTING.
 - REMOVAL OF FORM WORKS FOR SLAB BOTTOM -15 DAYS AFTER CASTING.
 - LAP LENGTH FOR ALL BARS SHALL BE 50 x DIA
 - FOUNDATION IS DESIGNED FOR GROUND + 1 UPPER FLOORS ONLY

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	REVISION	
S.NO	DESCRIPTION	APPROVED DATE

PROJECT :
Proposed Ground + 1 Residential Building at Yercaud.

CLIENT :Mr.Elango.

DRAWING DETAILS
Ground Floor Roof Beam & Slab Details.

JOB NUMBER: 01/21 **REVISION NO - 00**

DRAWN BY :N.Jagadish,M.E., **DRAWING NO- 02/03**

SCALE: N.T.S **DATE : 06.01.2021**

SHEET NUMBER : 04/05 **SIZE: A3**

Desgins By:

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SEAL & SIGNATURE