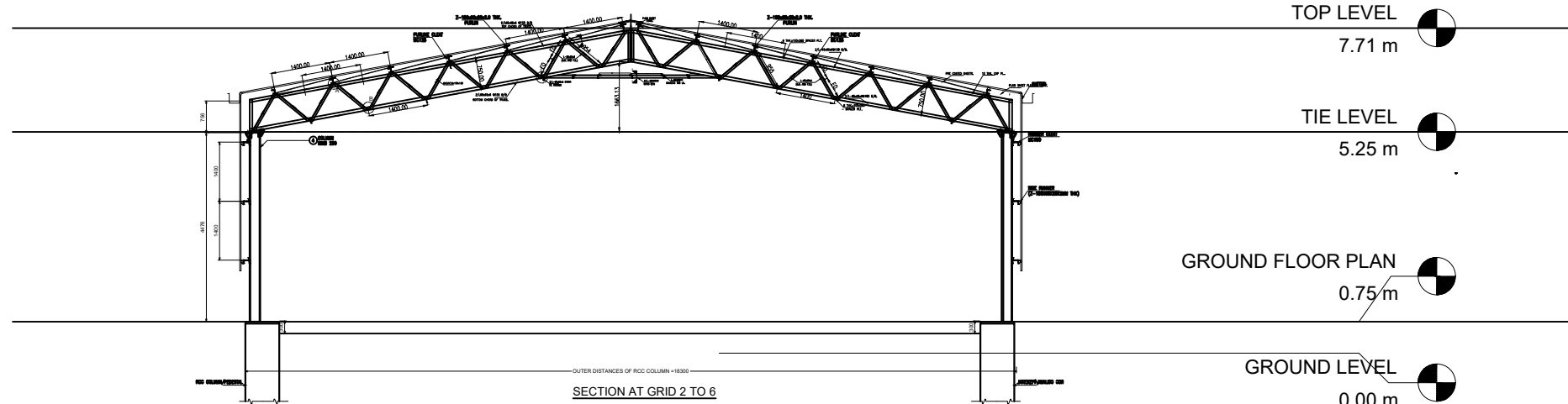


PLAN AT PLINTH/GROUND LEVEL

BEAM DETAIL OF PLINTH/GROUND BEAM LEVEL

BEAM NOS	SIZE		AT BOTTOM		AT TOP			STIRRUPS		REMARKS
	B	D	FULL SPAN	EXTRA AT MID SPAN	FULL SPAN	EXTRA AT LEFT SUPPORT	EXTRA AT RIGHT SUPPORT	AT MID SPAN	AT L/4 FROM SUPPORTS	
B1	230	530			2-16T					-
B2	230	530								-



LAYOUT AT TRUSS LEVEL

NOTES:-

- DIMENSIONS ARE IN mm AND LEVEL IN METRE.
- FIGURED DIMENSIONS SHALL BE FOLLOWED. DO NOT SCALE THE DRAWING.
- STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS.
- ANY DISCREPANCY IN DRAWINGS SHALL BE BROUGHT IN TO THE NOTICE OF CONSULTANT BEFORE EXECUTION.
- IN CASE OF DOUBT ASK CONSULTANT BEFORE EXECUTION.
- COLUMN FOOTINGS ARE CONCENTRIC WITH COLUMN UNLESS OTHERWISE INDICATED IN DRAWINGS.
- COLUMN BARS SHOULD BE STAGGERED.
- LAP LENGTH AS PER SPECIFICATION.
- CONCRETE GRADE SHALL BE:
 - FOR O/H & U/G WATER TANKS.....M 25
 - FOR FOOTINGS M 25
 - FOR COLUMNS, BEAMS AND SLABS M 25
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE:
 - BEAMS: 30MM, SLABS: 20MM, COLUMN: 40MM, FOOTING: 50MM
- FOR CANTILEVER BEAMS TOP REINFORCEMENT TO BE ANCHORED BEHIND FOR DEVELOPMENT LENGTH EQUAL TO (75XD) OR SPAN OF CANTILEVER WHICHEVER IS GREATER.
- DESHUTTERING PERIOD SHALL NOT BE LESS THAN SPECIFIED BELOW
 - SLABS UP TO 3.5M SPAN = 7DAYS
 - SLABS WITH SPAN BETWEEN 3.5M TO 6.0M = 14DAYS.
 - SLABS WITH SPAN MORE THAN 6M = 21DAYS.
 - BEAMS UP TO 3.0M SPAN = 14DAYS.
 - BEAMS WITH SPAN MORE THAN 3.0M = 21DAYS.
- VERTICAL FACES OF COLUMNS, BEAMS & R.C.C.WALLS = 24 HR.
- SUBSTRATUM SHOULD BE APPROVED FROM OUR OFFICE BEFORE LAYING P.C.C.
- CENTERING & SHUTTERING SHALL BE CONTRACTORS RESPONSIBILITY.
- ALTERNATE BENT UP MUST BE PROVIDED FOR SLAB BARS HAVING SPAN MORE THAN 5'.
- PROVIDE 2 - 10 TOR mm SIDE FACE REINFORCEMENT ON FACE FOR BEAM HAVING DEPTH 750mm OR MORE.

REV.	DATE	DESCRIPTION	REVISED BY
R0	03.08.22	----	VM

GRADE OF CONCRETE - M25	DESIGN FOR SHED
GRADE OF STEEL - FE500	SBC - 300 KN/SQM

CLIENT - SHED

STRUCTURAL DESIGNER -
 AAKRUTI STRUCTURAL CONSULTANT LLP.
 STRUCTURAL DESIGNERS, STRUCTURAL AUDIT & NDT
 PUNE OFFICE ADDRESS - D2, GROUND FLOOR, MANALI ARCADE, PADMAWATI, PUNE.
 PIMPRI-CHICHWAD OFFICE ADDRESS - FLAT-01, 1ST FLOOR, SWMIKRUPA APARTMENT, NEAR AYYAPA MANDIR, BHOSRI, PUNE.
 Ph. No. 9356903871/ 8308389595
 Email:- conctact@aakrutistructuralconsultant.in

ARCHITECT - -----

PROJECT - SHED

DRAWING TITLE - PLINTH BEAM

	CHECKED BY	DEALT BY	DRAWN BY
	VM	---	---

DWG. NO. - 02/2022/SHED	-	REV.	R0
-------------------------	---	------	----