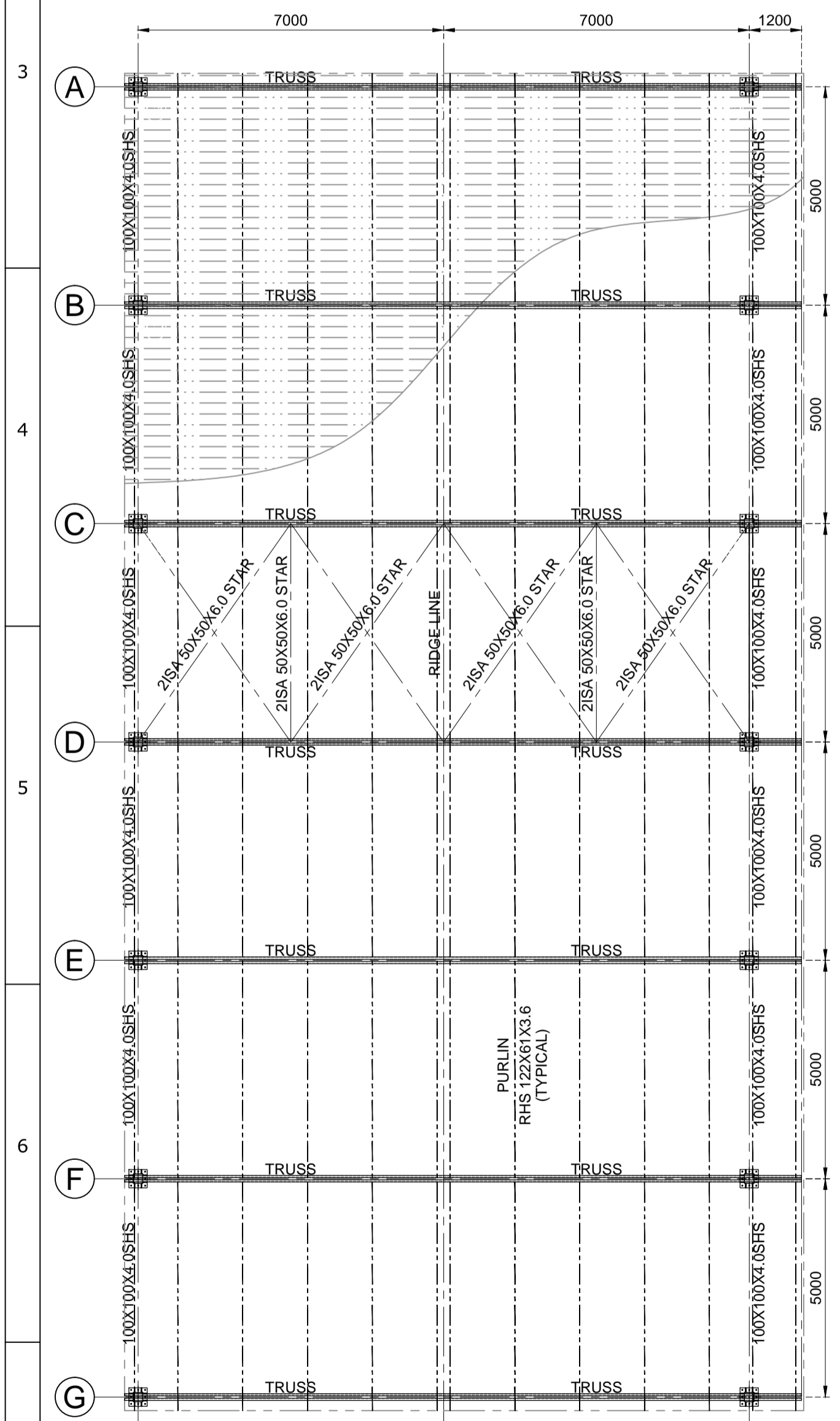
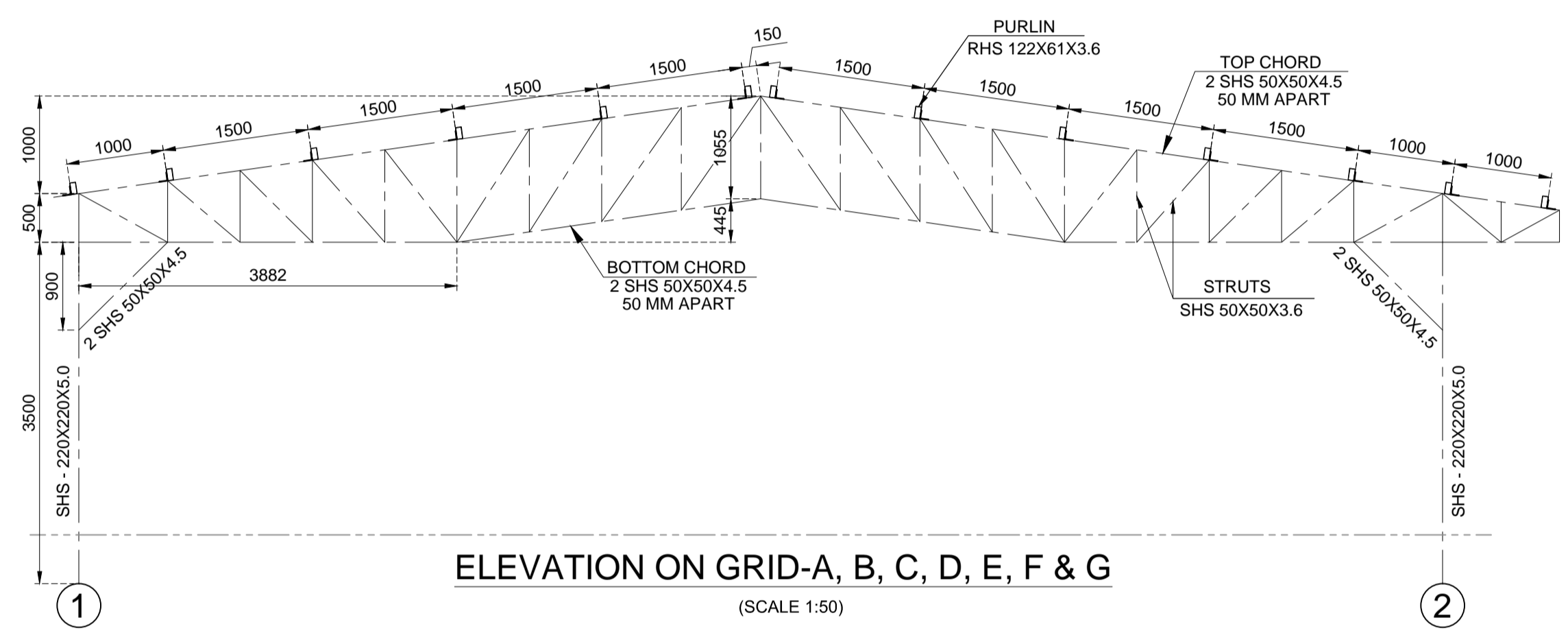


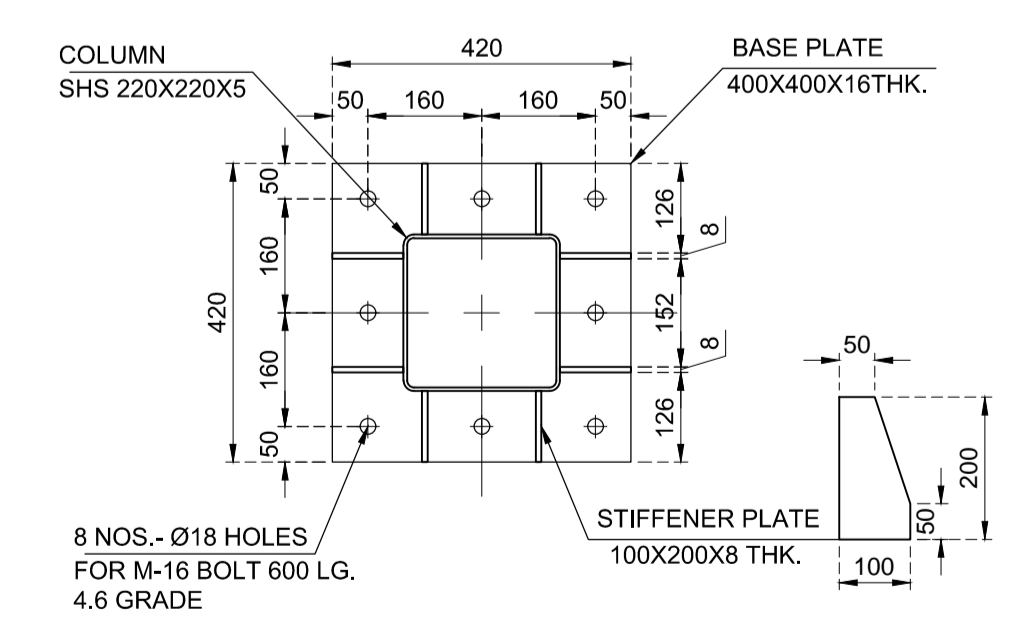
ELEVATION ON GRID-1 & 2
(SCALE 1:50)



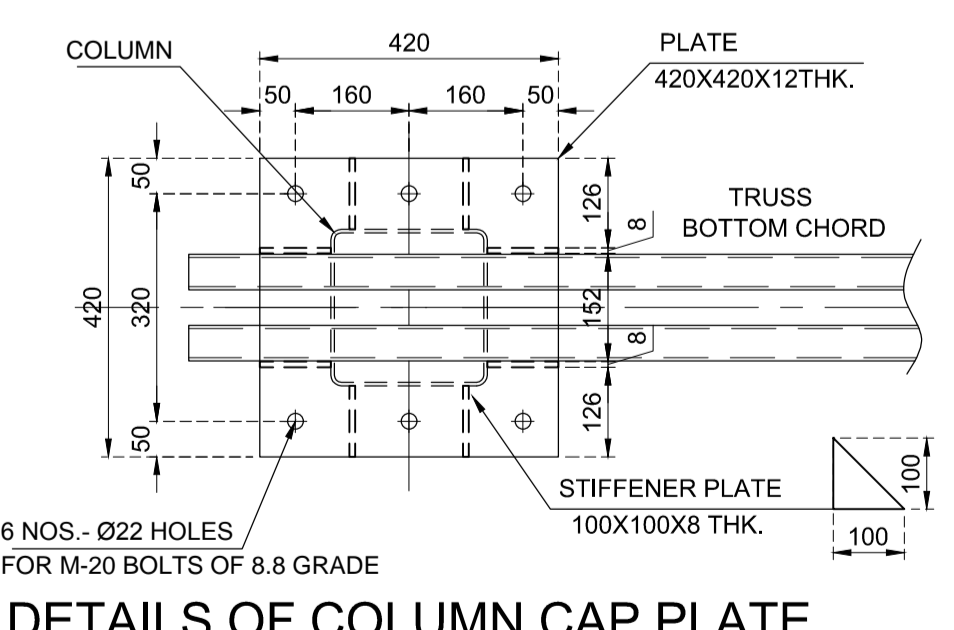
KEY PLAN LAYOUT AT ROOF LEVEL
(SCALE 1:75)



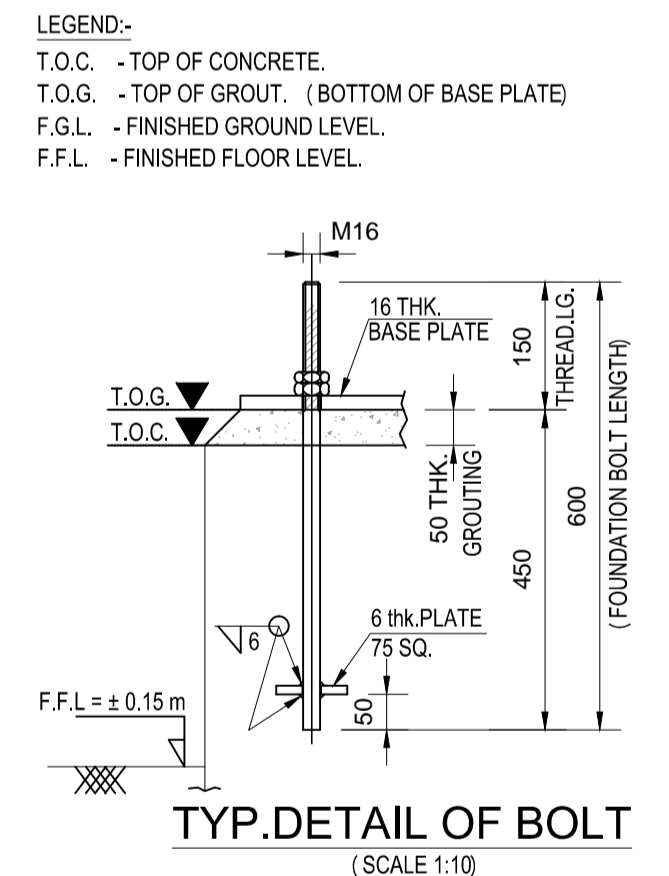
ELEVATION ON GRID-A, B, C, D, E, F & G
(SCALE 1:50)



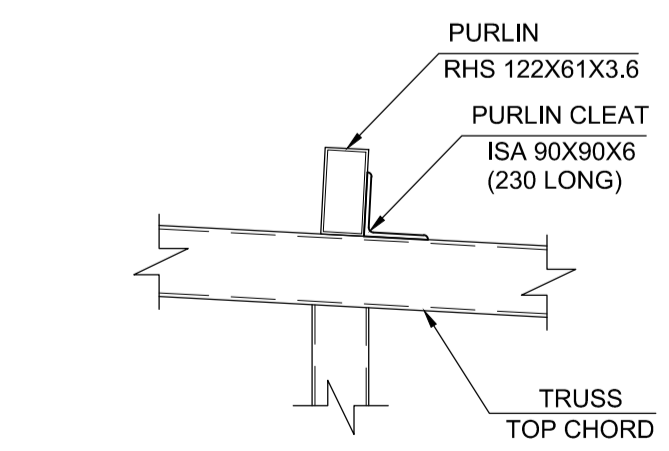
DETAILS OF BASE PLATE FOR COLUMN
(SCALE -1:10)



DETAILS OF COLUMN CAP PLATE & TRUSS BOTTOM PLATE
(SCALE -1:10)



TYP. DETAIL OF BOLT
(SCALE 1:10)



PURLIN FIXING DETAILS
(SCALE -1:10)

STRUCTURAL STEEL NOTES :

- 1) ALL FABRICATION SHALL BE DONE IN ACCORDANCE WITH IS:800 AND IS:1915
- 2) ALL MATERIALS SHALL BE STRAIGHT AND, IF NECESSARY, SHALL BE STRAIGHTENED OR FLATTED BY PRESSURE.
- 3) HEATING OF COOLED SECTIONS AND PLATES FOR PURPOSE OF STRAIGHTENING SHALL NOT BE PERMITTED.
- 4) COOLED SECTIONS SHALL BE SAWED OR FLAME CUT TO LENGTH, ANY GAUGES THAT REMAIN AFTER CUTTING SHALL BE REMOVED BY PROPER GRINDING.
- 5) HOLES FOR PLATES AND FOR BOLTS SHALL NOT BE MORE THAN 1.5mm LARGER IN DIAMETER THAN THE NOMINAL DIAMETER OF THE BOLT.
- 6) GAS CUTTING OF HOLES SHALL BE STRICTLY PROHIBITED.
- 7) FOLLOWING IS (LATEST REVISIONS) SHALL BE FOLLOWED IN RESPECT OF WELDING PROCEDURE,
IS:813 : CODE OF PRACTISE FOR USE OF METAL ARC WELDING FOR GENERAL CONSTRUCTION IN MILD STEEL.
IS:813 : SCHEME OF SYMBOLS FOR WELDING.
IS:814 : COVERED ELECTRODES FOR METAL ARC WELDING OF MILD STEEL.
- 8) SURFACES TO WELDED SHALL BE FREE FROM LOOSE SCALE, SLAG, RUST, GREASE, PAINT AND ANY OTHER FOREIGN MATERIAL WHICH MIGHT AFFECT QUALITY OF WELD. SURFACES SHALL BE WIRE-BRUSHED VIGOROUSLY OR MACHINE GROUND, IF FOUND NECESSARY BY ENGINEER.
- 9) NO PERMANENT BOLTING OR WELDING SHALL BE DONE UNTILL PROPER ALIGNMENT HAS BEEN OBTAINED.
- 10) ALL WELDS SHALL BE 6mm THK. FILLET WELD, UNLESS NOTED OTHERWISE
- 11) ALL STRUCTURAL STEEL WORK SHALL BE ERECTED IN ACCORDANCE WITH IS:800 AND IS:1915.
- 12) SITE CONNECTION SHALL BE MADE WELDED OR BOLTED WITH HIGH STRENGTH FRICTION GRIP BOLTS OR HIGH TENSILE BOLTS FOR CONNECTIONS OF ALL IMPORTANT STRUCTURAL ELEMENTS CARRYING HEAVY LOADS, MOMENTS OR DYNAMIC LOADS OF SMALL MAGNITUDE eg. PURLINS, SIDE RUNNERS, HANGERS, HAND RAILS, STAIRS, LADDERS, SMALL PLATFORMS, GANGWAY, ETC. GRADE C BOLTS MAY BE USED. ALL BOLTS UNDER DIRECT TENSION AND VIBRATION SHALL BE PROVIDED WITH LOCK NUTS/SPRING WASHERS WHERE SITE CONNECTIONS ARE DEVELOPED BY WELDING, NECESSARY ERECTION BOLTS, MINIMUM TWO NUMBERS AT EACH END, SHALL BE PROVIDED. HOWEVER, NO. OF BOLTS PROVIDED SHALL BE SUFFICIENT TO CARRY THE DEAD LOAD PRIOR TO WELDING. ALL STEEL STRUCTURAL CONNECTION, DETAILS AND CONSTRUCTION SHALL BE AS PER IS:800, IS:816 & IS:9595.
- 13) SPLICES IN STRUCTURES.
SHOP SPLICES
WHERE SHOP SPLICES IN PLATES ARE NECESSARY DUE TO NON-AVAILABILITY OF MEMBERS IN REQUIRED LENGTHS, FULL PENETRATION DEFECT FREE BUTT WELDS ARE MADE. SHOP SPLICE IN ROLLED STEEL ANGLES, JOINTS AND CHANNELS IS DEVELOPED BY FILLET WELDING WITH COVER PLATES/ANGLES ETC.
ALL SHOP SPLICES IN CRANE GANTRY GIRDER WEB AND FLANGE PLATES IS DEVELOPED BY FULL PENETRATION. AFTER COMPLETION OF WELDING THE RUN-ON AND RUN-OFF PLATES IS REMOVED AND THE ENDS OF THE WELD ARE MADE SMOOTH AND FLUSH WITH EDGES OF THE BUTTING PARTS. ALL TRANSVERS BUTT WELDS ON THE FLANGES ARE GROUND FLUSH WITH GRINDING CARRIED OUT IN DIRECTION OF LONGITUDINAL STRESS AND THE EDGES ARE FINISHED SMOOTH AND SQUARE.
- 14) BOLTS AND NUTS
ALL BOLTS AND NUTS SHALL CONFORM TO IS:1363, IS:1364 OR IS:1367 AS APPLICABLE AND UNLESS SPECIFIED OTHERWISE SHALL BE HEXAGONAL. ALL NUTS SHALL CONFORM TO IS: 1363 AND IS:1364 HAVING PROPERTY CLASS COMPATIBLE TO THE PROPERTY CLASS OF THE BOLTS USED. THE CONTRACTOR SHALL SUBMIT TEST CERTIFICATES WHEN CALLED FOR HIGH STRENGTH STRUCTURAL BOLTS AND NUTS SHALL CONFORM TO IS:3757 AND IS:6623 RESPECTIVELY

LEGEND:-
T.O.C. - TOP OF CONCRETE.
T.O.G. - TOP OF GROUT. (BOTTOM OF BASE PLATE)
F.G.L. - FINISHED GROUND LEVEL.
F.F.L. - FINISHED FLOOR LEVEL.

REV.	DATE	DESCRIPTION	DRAWN	CHECKED	APPROVED
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REVISION

ARCHITECT:- NARENDRA SARDESHPANDE
CLIENT:- M/S BANK OF MAHARASHTRA, PUNE

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PROJECT:- PROPOSED PARKING SHED FOR BANK OF MAHARASHTRA AT PUNE.

TITLE:- FRAMING LAYOUT PLAN & ELEVATION DETAILS

SCALE:	DESIGN:	MADE: SAHIL	DATE: 06.06.2023	DWG.No.	REV:
AS SHOWN	CHECK:	SHEET: 1 OF 1	REV:	2324-07-PS-ST-01	R0