



- NOTES**
1. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SPECIFIED.
 2. THE DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL DRAWING. ANY DISCREPANCY BETWEEN ARCH. DRAWING AND STRUCTURAL DRAWING SHALL BE RECONCILED BEFORE EXECUTION.
 3. DULY WRITTEN DIMENSIONS ARE TO BE FOLLOWED. NEITHER THE BARS SHALL BE COUNTED NOR THE DIMENSION SCALED FROM DRAWINGS.
 4. WATER FOR CONSTRUCTION PURPOSES SHALL CONFORM TO RELAVANT CLAUSES OF I.S. 456-2000.
 5. BEARINGS FOR THE SLAB SHOULD BE PROVIDED FOR THE FULL WIDTH OF WALL UNLESS OTHERWISE SPECIFIED.
 6. ALL REINFORCED CEMENT CONCRETE SHALL BE DESIGN MIX M-25 CONFORMING TO I.S.: 456-2000 STONE AGGREGATE SHALL BE 20 mm NOMINAL SIZE.
 7. IN TWO WAY SLAB PLACE SHORT BARS IN BOTTOM LAYER.
 8. ALL STEEL REINFORCEMENT SHALL BE OF TMT TYPE CONFORMING TO I.S.: 1786 AND HAVING MINIMUM YIELD STRENGTH OF 500N/mm²
 9. LAP LENGTH/DEVELOPMENT LENGTH FOR REINFORCEMENT BARS AS/ I.S.: 456-2000 SHALL BE 40 X DIA OF BAR FOR M-25(UNLESS OTHERWISE SPECIFIED), LAPS SHALL BE STAGGERED AND AVOIDED AT THE POINT OF MAXIMUM BENDING MOMENT.
 10. ALL BRICK IN THE MASONARY SHALL HAVE CHARACTERISTIC STRENGTH 7.5 N/mm² UNLESS OTHERWISE SPECIFIED AND LAID IN 1:6 (1 CEMENT : 6 SAND) MORTOR.
 11. CLEAR COVER FOR:-
 SLAB - 20mm
 BEAM - 30mm
 FOUNDATION - 50mm
 COLUMNS - 40mm
 12. LAP SHOULD NOT BE PROVIDED .
 a) WITHIN A JOINT
 b) WITHIN A DISTANCE 2 d FROM JOINT FACE.
 c) WITHIN A DISTANCE ¼ LENGTH OF MEMBER FROM THE JOINT FACE.
 13. NOT MORE THAN 50% OF BAR SHALL BE SPLICED AT ONE SECTION.
 14. THE REINFORCEMENT DETAILING SHALL BE AS PER IS: 13920.
 15. CONSTRUCTION JOINT SHALL BE MADE VERTICAL BY PROPER TEMPLATE WITH SLOTS FOR ACCOMODATING REINFORCEMENT BARS. THE JOINT SHALL BE TREATED IN ACCORDANCE WITH I.S 11817.
 16. THE CONSTRUCTION JOINT SHALL BE PLANNED AND APPROVED BY THE ENGINEER IN CHARGE. BUT IT SHALL NOT BE PROVIDED IN BEAM.
 17. EXPANSION JOINT SHALL BE AS PER DRAWING.

REVISIONS

NO.	DESCRIPTION	DATE	BY

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PROJECT
**BUILDING FOR NATIONAL AEROSOL FACILITY
 & ACADEMIC ACTIVITES AT I.I.T KANPUR**

PROJECT NO.-	DRAWING NO. S-NN/TD-F1
SCALE 1:100	DRAWN- SUNIL PORIYA
DATE :-17-01-2015	CHECKED-SHARAD GUPTA

	DRAWING TITLE
	COLUMN LAY OUT & SECTIONS DETAIL