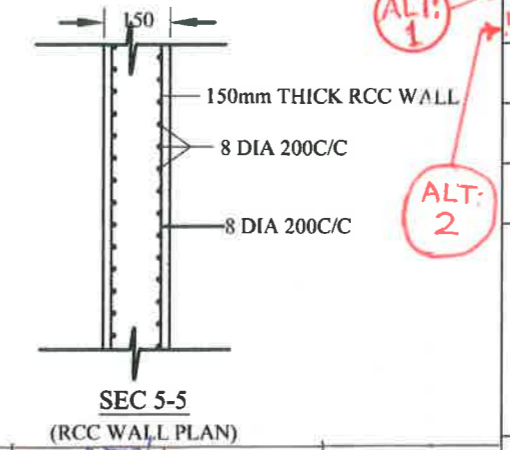
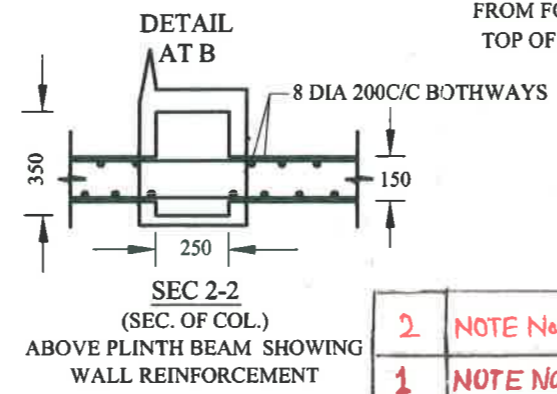
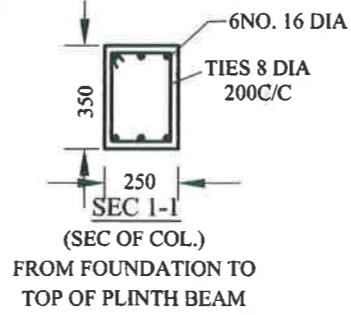
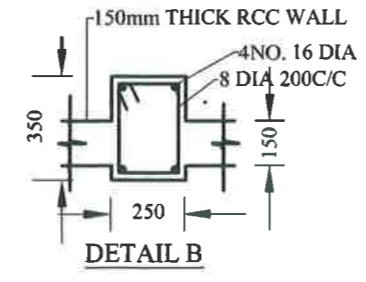
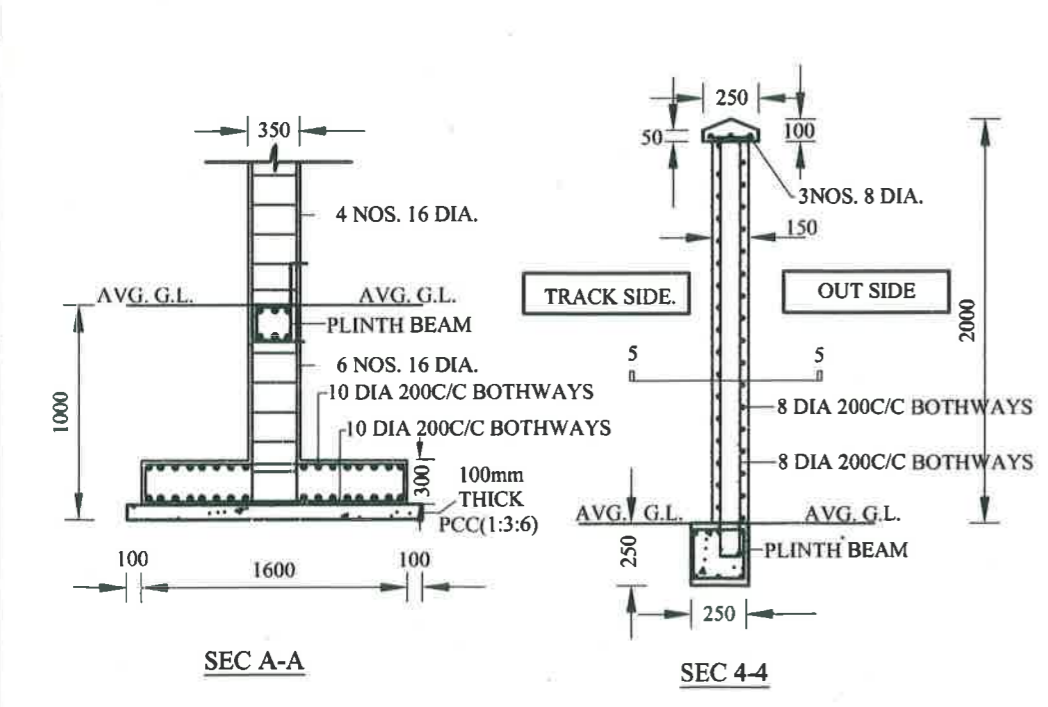
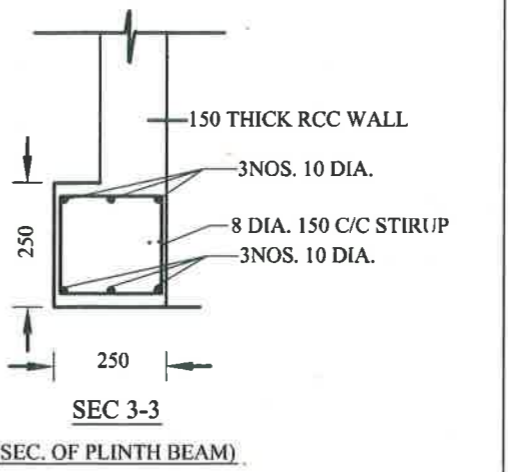
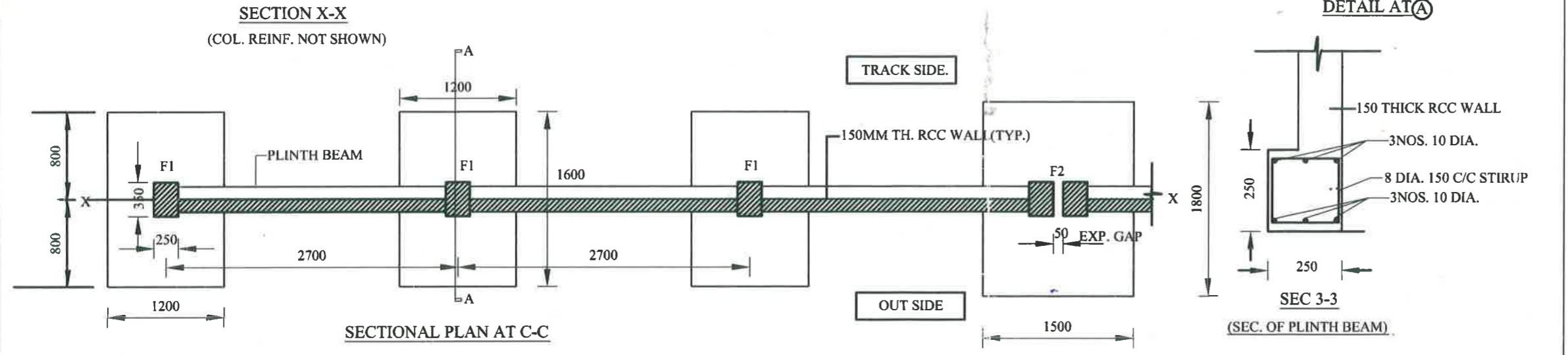
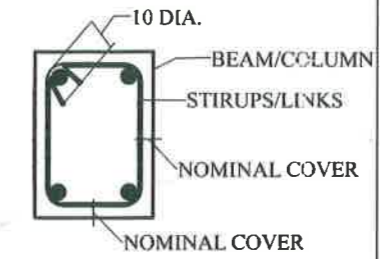


ALL RCC WORKS TO BE IN CONCRETE MIX: M 25



- NOTE :-
1. ALL DIMENSIONS ARE IN MILLI-METERS, UNLESS OTHERWISE STATED. ONLY WRITTEN DIMENSION ARE TO BE FOLLOWED.
 2. IT IS TYPICAL DRAWING. BASED ON SITE CONDITIONS, ACTUAL WORKING CONSTRUCTION DRAWING SHALL BE PREPARED BY EXECUTING DIVISION AND APPROVED BY SECTIONAL SR. DEN.
 3. THIS DRAWING IS BASED ON SAFE BEARING CAPACITY OF 10 TONNES PER SQM. SUITABLE ADJUSTMENT IN FOUNDATION SIZE/ DESIGN BE MADE AS PER SAFE BEARING CAPACITY OF SOIL AVILABLE AT SITE.
 4. NOMINAL COVER TO BE PROVIDED TO ALL STEEL REINFORCEMENT, INCLUDING LINKS SHALL BE AS PER IS : 456 (LATEST).
 5. TMT BARS OF GRADE FE-500/500D CONFIRMING TO IS:1786 (LATEST) SHALL BE USED.
 6. LAPS, WHEREVER REQUIRED, ARE TO BE STAGGERED AS DIRECTED BY THE ENGINEER-IN-CHARGE. LAP LENGTH SHALL BE AS PER IS - 456 (LATEST). NOT MORE THAN 50PERCENT OF THE BARS SHALL BE SPLICED AT ONE SECTION.
 7. REINFORCEMENT BARS SHALL BE PROPERLY SUPPORTED, SO THAT THEY REMAIN IN CORRECT POSITION DURING CONCRETING.
 8. EXPANSION JOINTS BE PROVIDED AT 40.50 m c/c.
 9. THIS RCC WALL IS NOT DESIGNED FOR RESISTING ANY EARTH PRESSURE.
 10. TYPICAL DETAILS OF SHEAR REINFORCEMENT (STIRRUPS), IN BEAM AND COLUMN TIES (LINKS) AND NOMINAL COVER IS SHOWN IN (A).
 11. SR. DEN SHOULD PLAN FOR SINGLE LANE SERVICE ROAD ON ONE SIDE OF TRACK WHEREVER CONSTRUCTION OF BOUNDARY WALL LEADS TO BLOCKING OF THE ACCESS OF ROAD VEHICLES REQUIRED FOR MAINTENANCE/REPAIRS/EMERGENCIES ALONG WITH THE PROVISION OF APPROPRIATE BARRIER AT THE ENTRY POINT.
 12. STEPPED CONSTRUCTION SHALL BE CARRIED OUT ON SLOPING GROUND WITH STEPS AT COLUMNS. HEIGHT OF RCC COLUMN BE SUITABLY INCREASED ON BASIS OF NATURAL GROUND SLOPE. TYPICAL ARRANGEMENT FOR CONSTRUCTION ON SLOPING GROUND ARE GIVEN IN SHEET 2.
 13. THIS DRAWING IS TO BE NORMALLY ADOPTED IN DENSELY BUILT UP AREA WITH FREQUENT TRESPASSING.

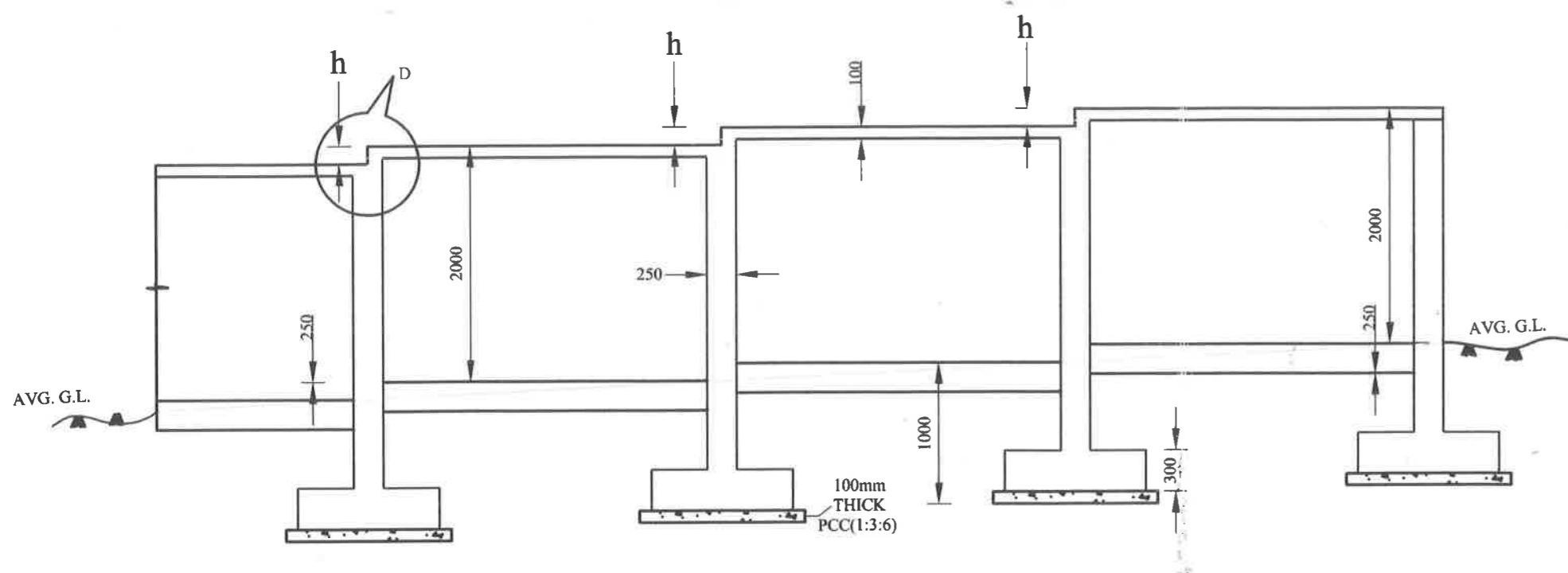
14. APPLICABLE FOR 'A ROUTES & HIGH DENSITY ROUTES'.
 15. IS:456(LATEST) SHALL BE FOLLOWED IN ALL R.C.C & P.C.C. WORKS.

ED/WORKS	Yd 06/12/17
DIR/WORKS	Yd
ADE/WORKS	Yd

**RCC BOUNDARY WALL
 CAST IN SITU**
 (FOR DENSELY BUILT UP AREA WITH FREQUENT TRESPASSING)

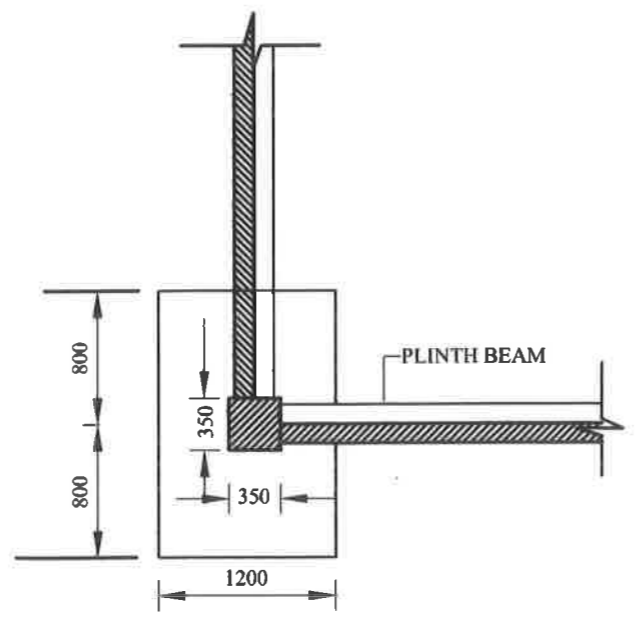
SCALE - N.T.S.	DATE - 06.12.2017
DRG. NOS. RDSO/WKS/2017/1(Sheet 1 of 2)	
WORKS DIRECTORATE	
R. D. S. O.	LUCKNOW

2	NOTE No.15 ADDED	Yd	22/06/20	Yd	22/06	MIL
1	NOTE No.14 ADDED	Yd	18/11/18	Yd	18/04	MIL
ALT?	DESCRIPTION	ADE/W	DIR/W	ED/W		DRAWN BY

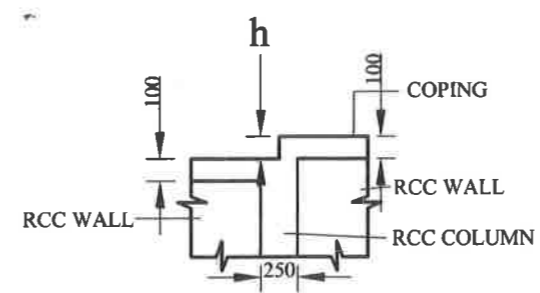


FRONT ELEVATION OF BOUNDARY WALL FOR SLOPING GROUND

NOTE :-
 IF SLOPE OF NATURAL GROUND IS 1 in x
 THE HEIGHT 'h' (as shown at detail 'D') in mm
 WILL BE $h = \frac{2700}{x}$



CORNER COLUMN PLAN



DETAIL D

ED/WORKS	06/12/17
DIR/WORKS	
ADE/WORKS	
RCC BOUNDARY WALL CAST IN SITU (FOR DENSELY BUILT UP AREA WITH FREQUENT TRESPASSING)	
SCALE - N.T.S.	DATE - 06 .12.2017
DRG. NOS. RDSO/WKS/2017/1(Sheet 2 of 2)	
WORKS DIRECTORATE	
DRAWN BY	R. D. S. O. LUCKNOW

DRAWN BY