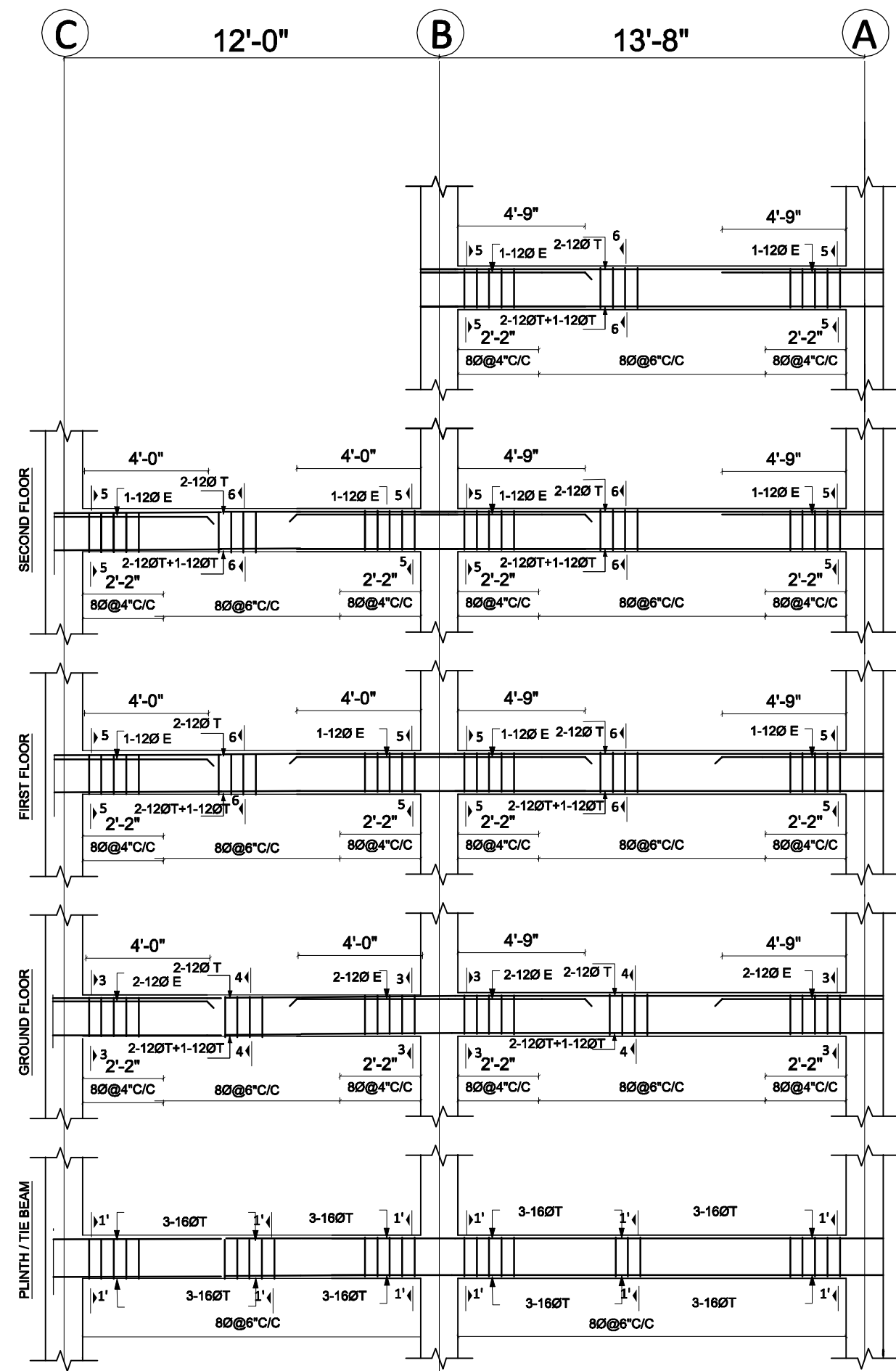
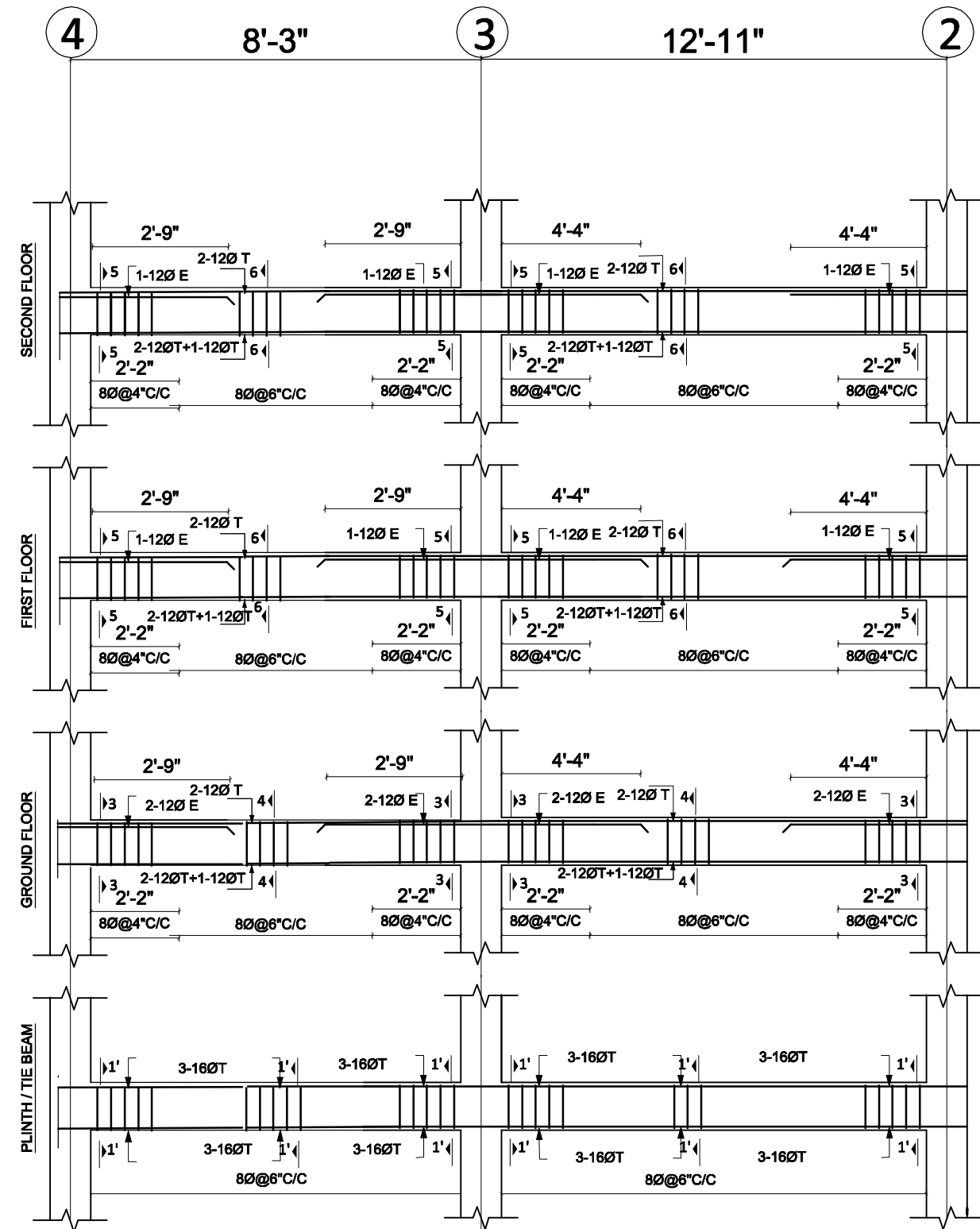
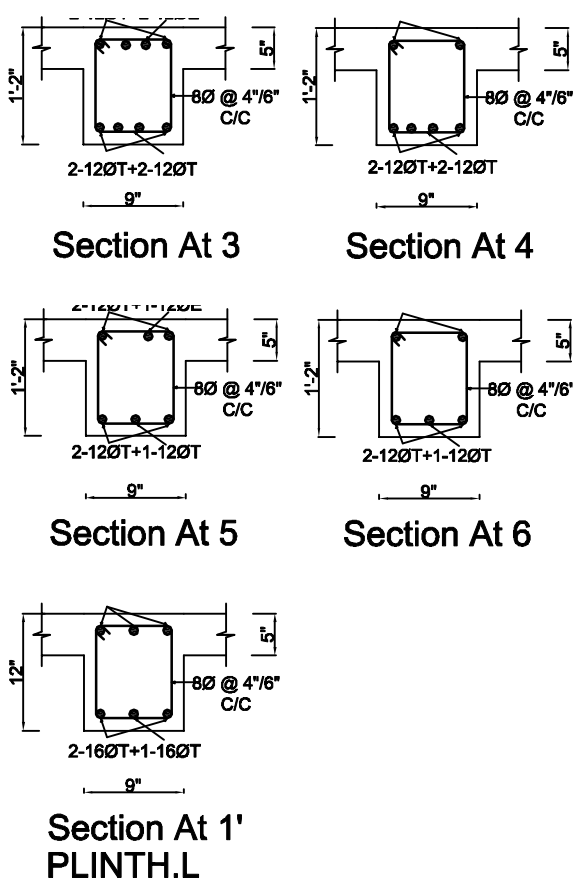




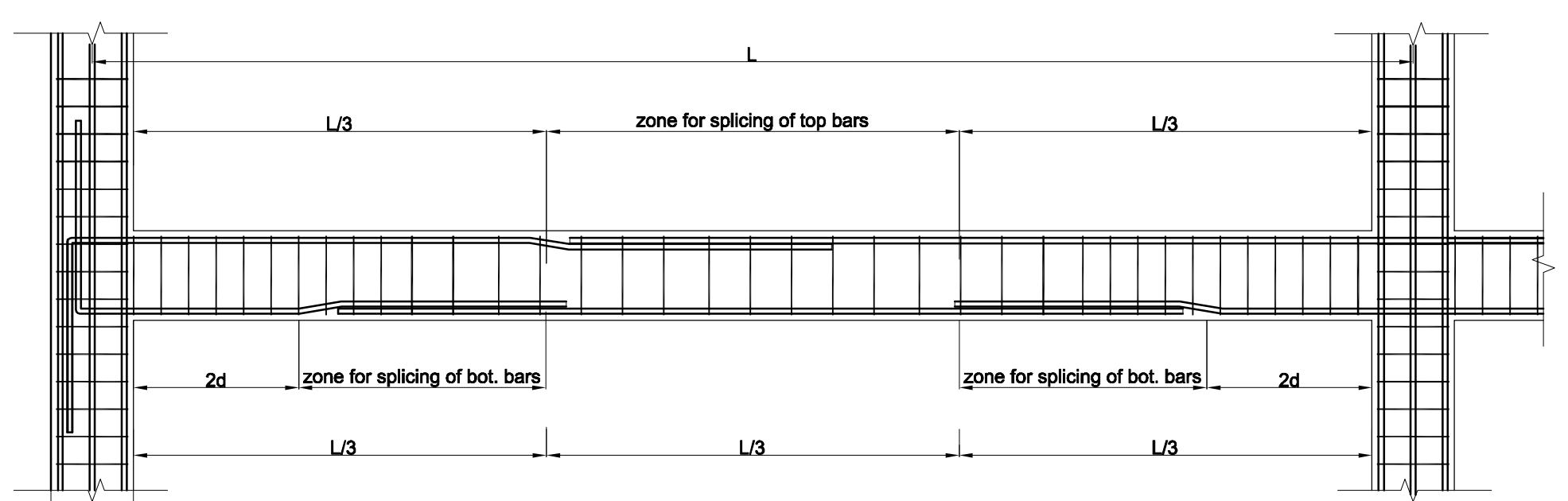
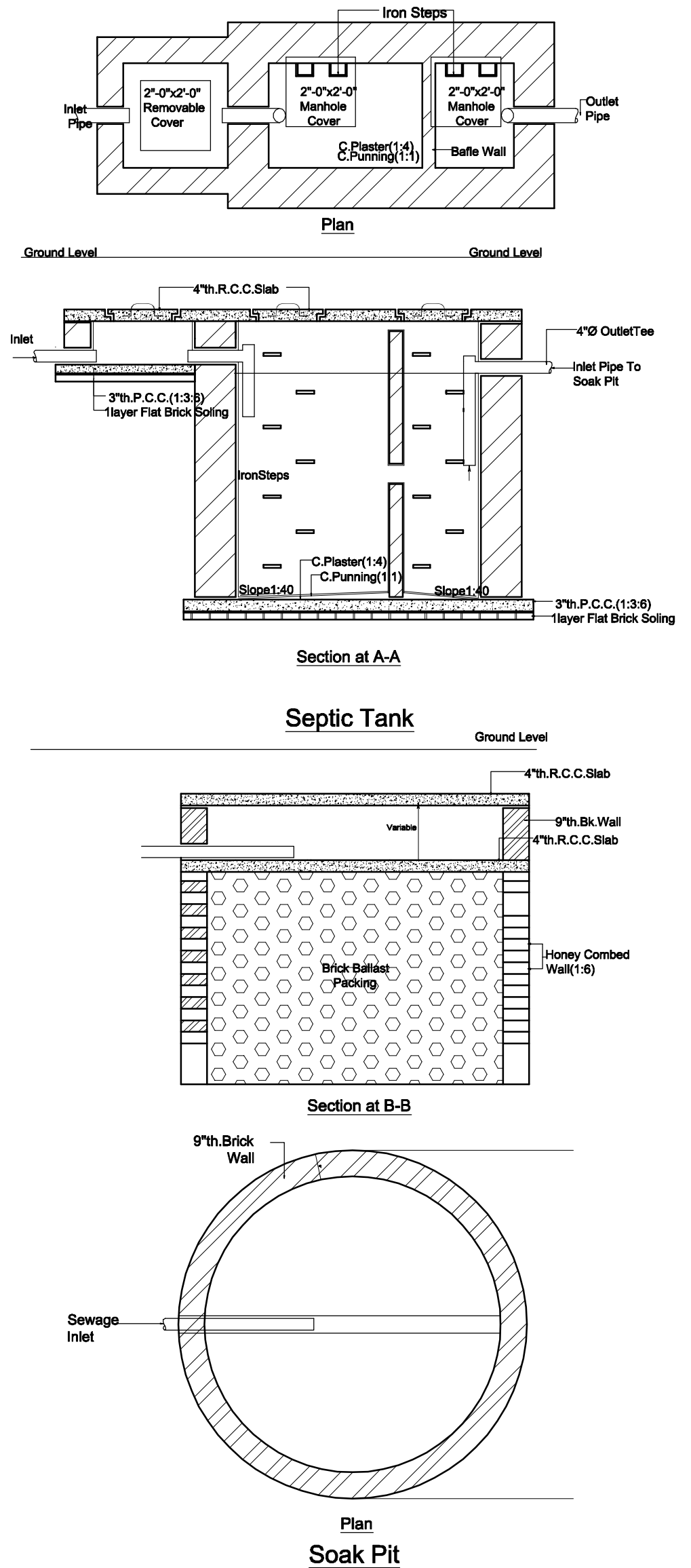
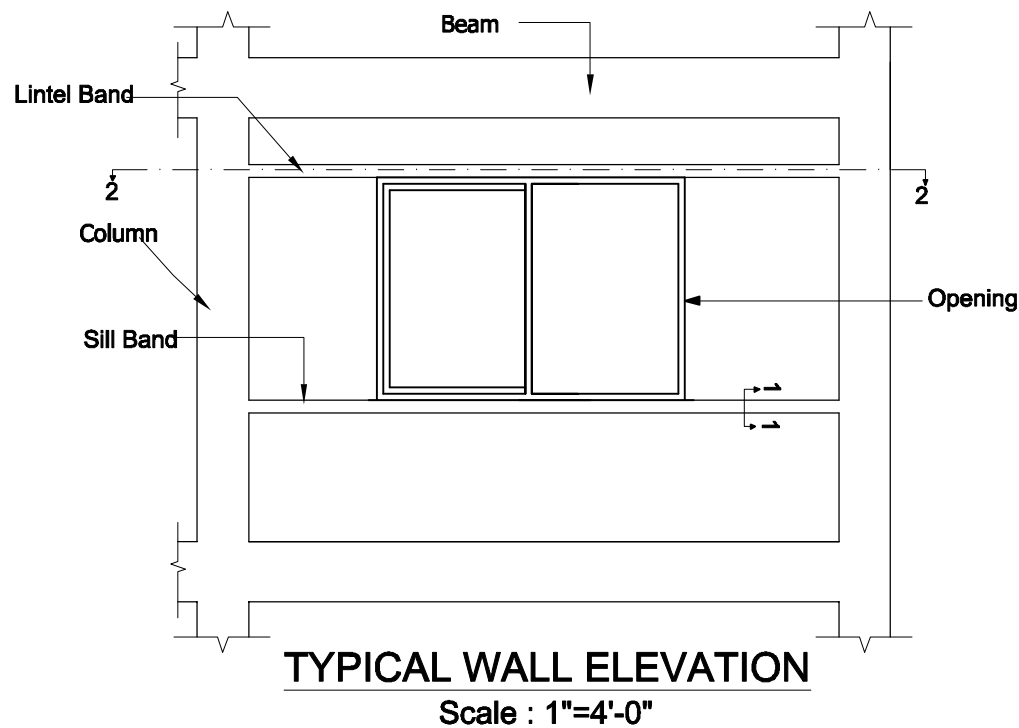
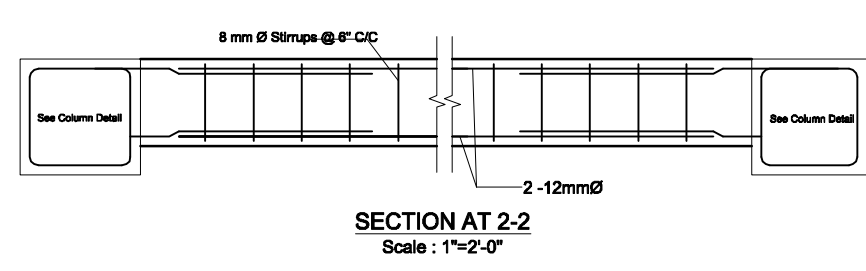
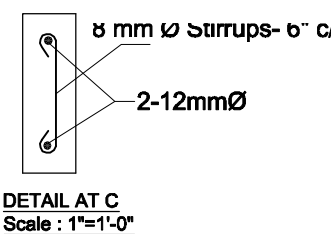
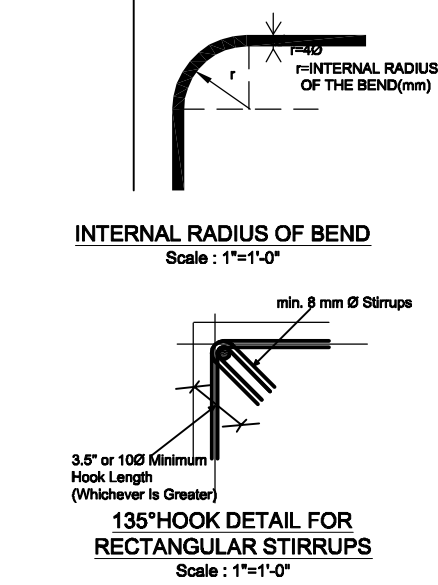
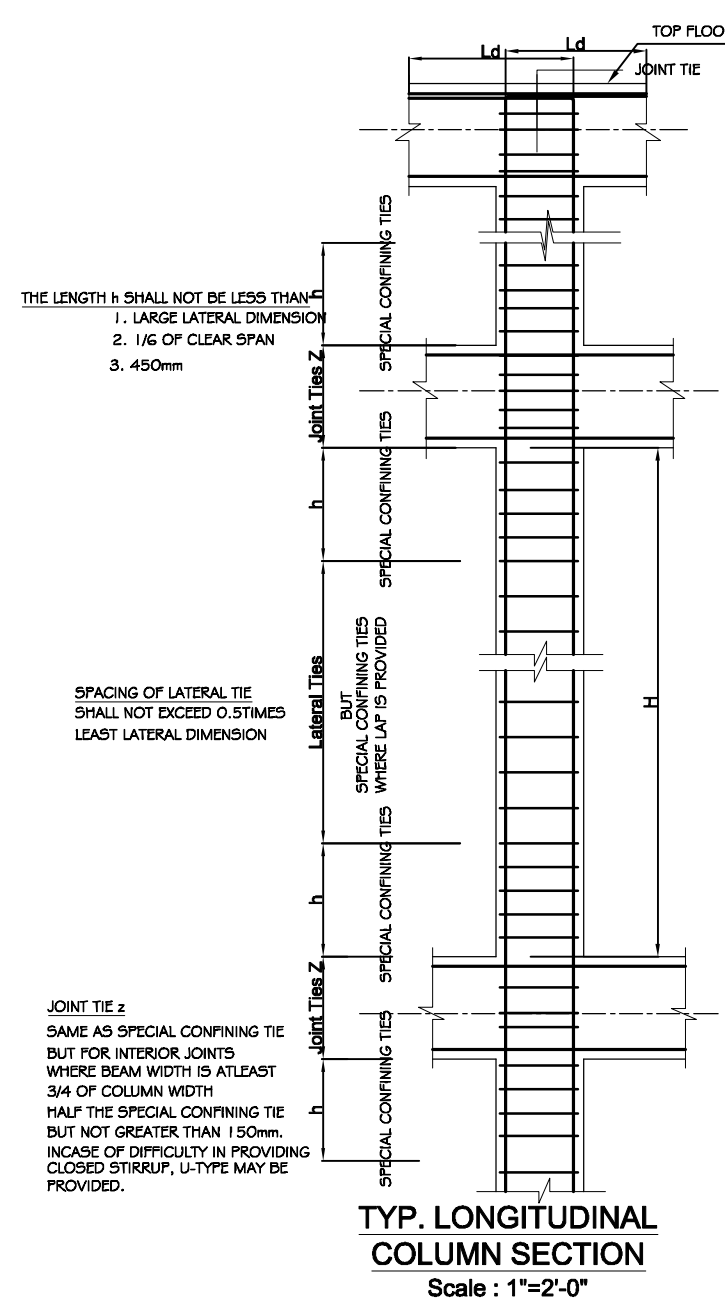
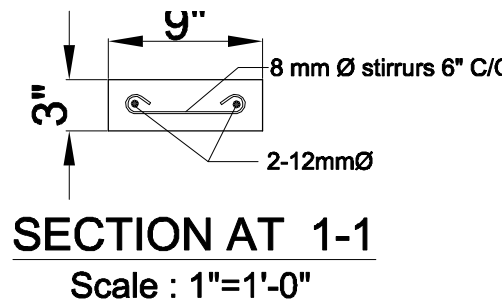
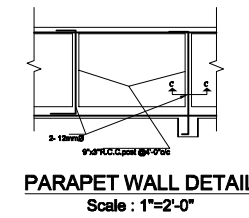
BEAM SECTION ALONG GRID 3-3
ALONG X-AXIS
Scale : 1"=4'-0"



BEAM SECTION ALONG GRID 3-3
ALONG X-AXIS
Scale : 1"=4'-0"



TYPICAL BAR DETAIL AT
BEAM-COLUMN JOINT
Scale : 1"=2'-0"



BAR LAPPING DETAIL (BEAM)
Scale : 1"=2'-0"

LAPPING NOTES FOR BEAM
LAP LENGTH SHALL NOT BE LESS THAN BAR DEVELOPMENT LENGTH IN TENSION
NOT MORE THAN 50% OF THE BARS SHALL BE SPLICED AT ONE SECTION.
LAP SPLICE SHALL NOT BE PROVIDED:-
1. WITHIN A JOINT
2. WITHIN A DISTANCE OF 2d FROM JOINT FACE
3. WITHIN A QUARTER LENGTH OF THE MEMBER

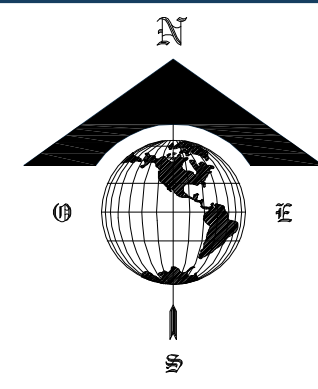
General Notes For Structure:

1. LATERAL TIES AT LAPPED SECTION SHALL NOT BE SPACED MORE THAN 4 INCHES.
2. HOOK OF LATERAL TIES SHALL NOT BE LESS THAN TEN TIMES DIA OF LATERAL TIES.
3. NOT MORE THAN HALF OF THE COLUMN BARS SHALL BE LAPPED AT THE SECTION.
4. 8MM Ø STIRRUPS @ 4" C/C UPTO 2'-6" AT JOINTS, 6" C/C IN THE MIDDLE
5. AT LEAST TWO RING OF 8MM TORSTEEL IS REQUIRED IN THE JOINT OF BEAM AND COLUMN STRICTLY FOR BETTER DUCTILITY, AS PER DESIGN.
6. HOOKS IN LATERAL TIES SHALL BE BENT AT 135°
7. LAPPING OF LONGITUDINAL REINFORCEMENT IN COLUMNS SHALL BE DONE AT THE MID HIGHT IN EACH STORY.
10. CONCRETE GRADE M20 & STEEL GRADE FE500 FOR ALL STRUCTURE
9. ONLY WRITTEN DIMENSIONS TO BE FOLLOWED, DRAWINGS NOT TO BE MEASURED AS PER GIVEN SCALE.
10. ANY DISCREPANCY OR OMISSION IN THIS DRAWING IF FOUND SHALL BE REPORTED IMMEDIATELY TO SITE ENGINEER.
11. THE CONTRACTOR SHALL INSPECT & VERIFY ALL DIMENSIONS & LEVELS IN THE DRAWINGS AND SHALL COORDINATE WITH ACTUAL SITE CONDITIONS. ANY DISCREPANCY FOUND SHALL BE BROUGHT TO NOTICE OF THE ENGINEER IN CHARGE BEFORE EXECUTION OF WORK AT SITE.

Note:
Steel Grade = Fe500
Concrete Grade
For Footing = M20 (1:1.5:3)
For Columns = M20 (1:1.5:3)
For Beams = M20 (1:1.5:3)
For Slab = M20 (1:1.5:3)
For Staircase = M20 (1:1.5:3)

Clear Cover:
For Footing = 2"(50mm)
For Columns = 1 1/2"(40mm)
For Beams = 1"(25mm)
For Slab = .75"(15mm)

FOR OFFICIAL USE



OWNER Mr.BISHNU PARSAD OLI		SIGNATURE	
Building Type RESIDENTIAL BUILDING		Location mahalaxmi-02	
Plot No. 306	Area as per site 1120.29 SQ.FT	Area as per purja 103.34 SQ.M	
Details STRUCTURAL DETAILS		Checked By dilip neupane	
Designed By dilip neupane			
DATE 2082-05-05	Scale 1"=8'	NEC Reg.NO. 29270 "CIVIL" 'A'	Sheet No. S/1-1