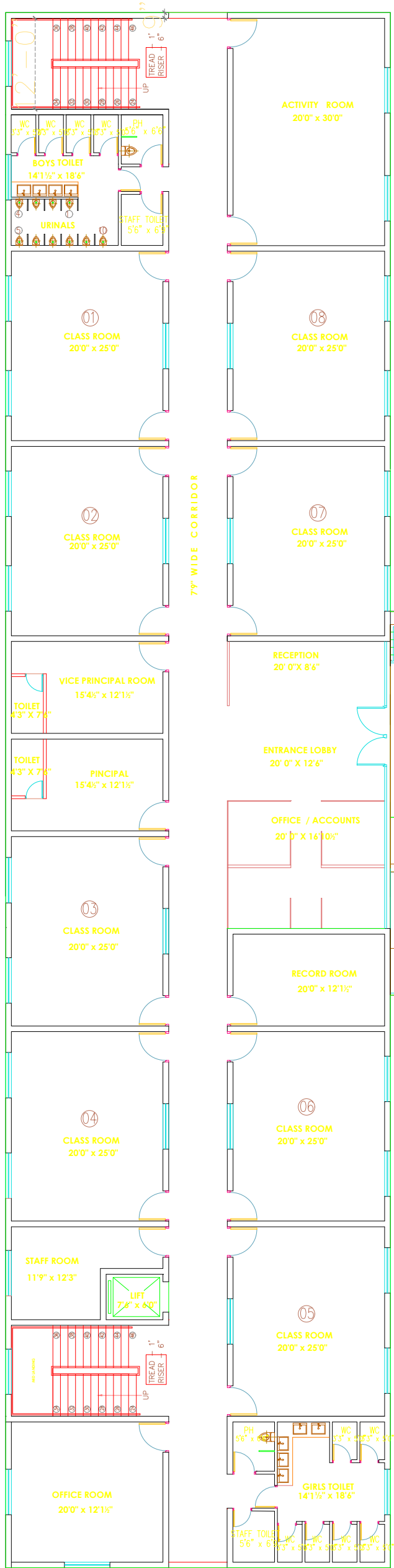


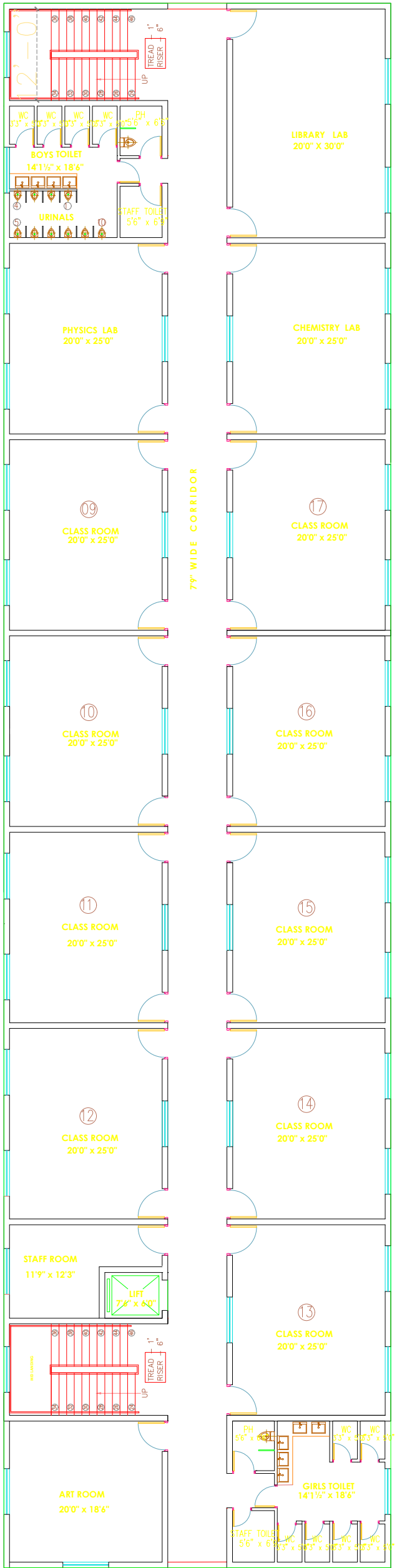
[illegible]

AREA STATEMENT	
PLOT AREA - 71558.00 SQ. FT.	
FLOOR	F.S.I. (Sq.ft)
GROUND FLOOR	10867.40
FIRST FLOOR	10417.20
SECOND FLOOR	10417.20
THIRD FLOOR	8295.50
TOTAL	39997.30

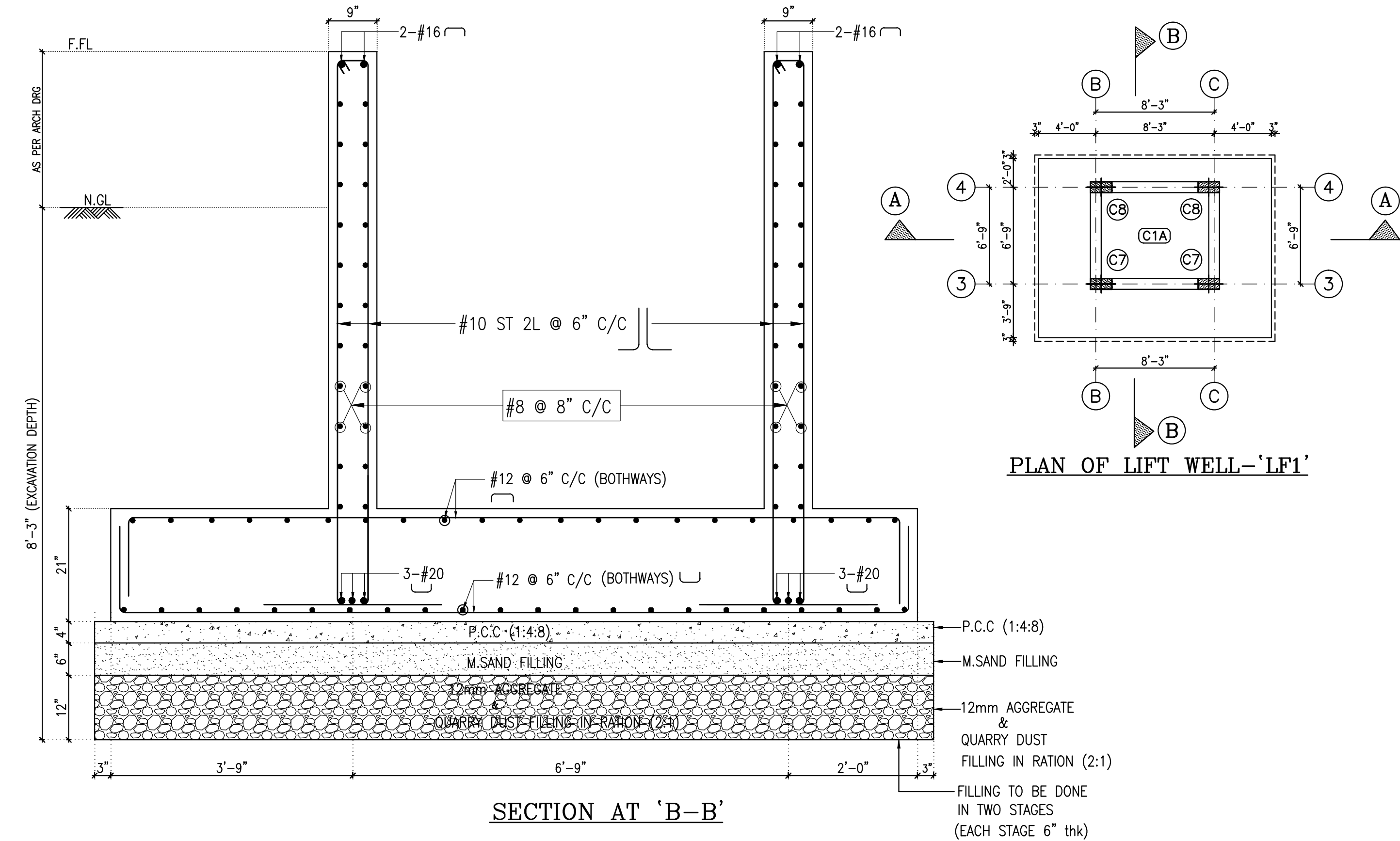
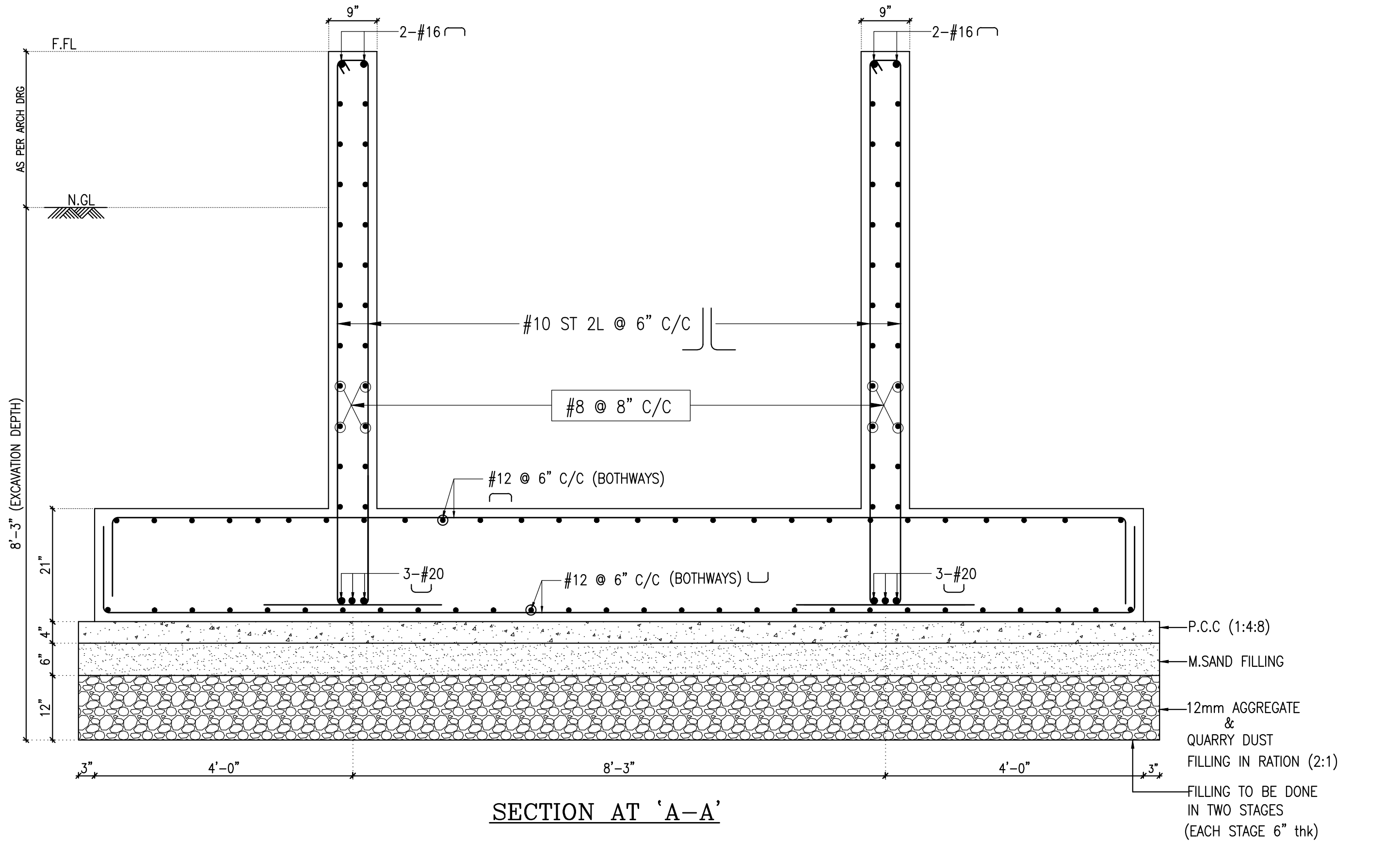
F.S.I Achieved = $\frac{39997.30}{92786.86} = 0.431$



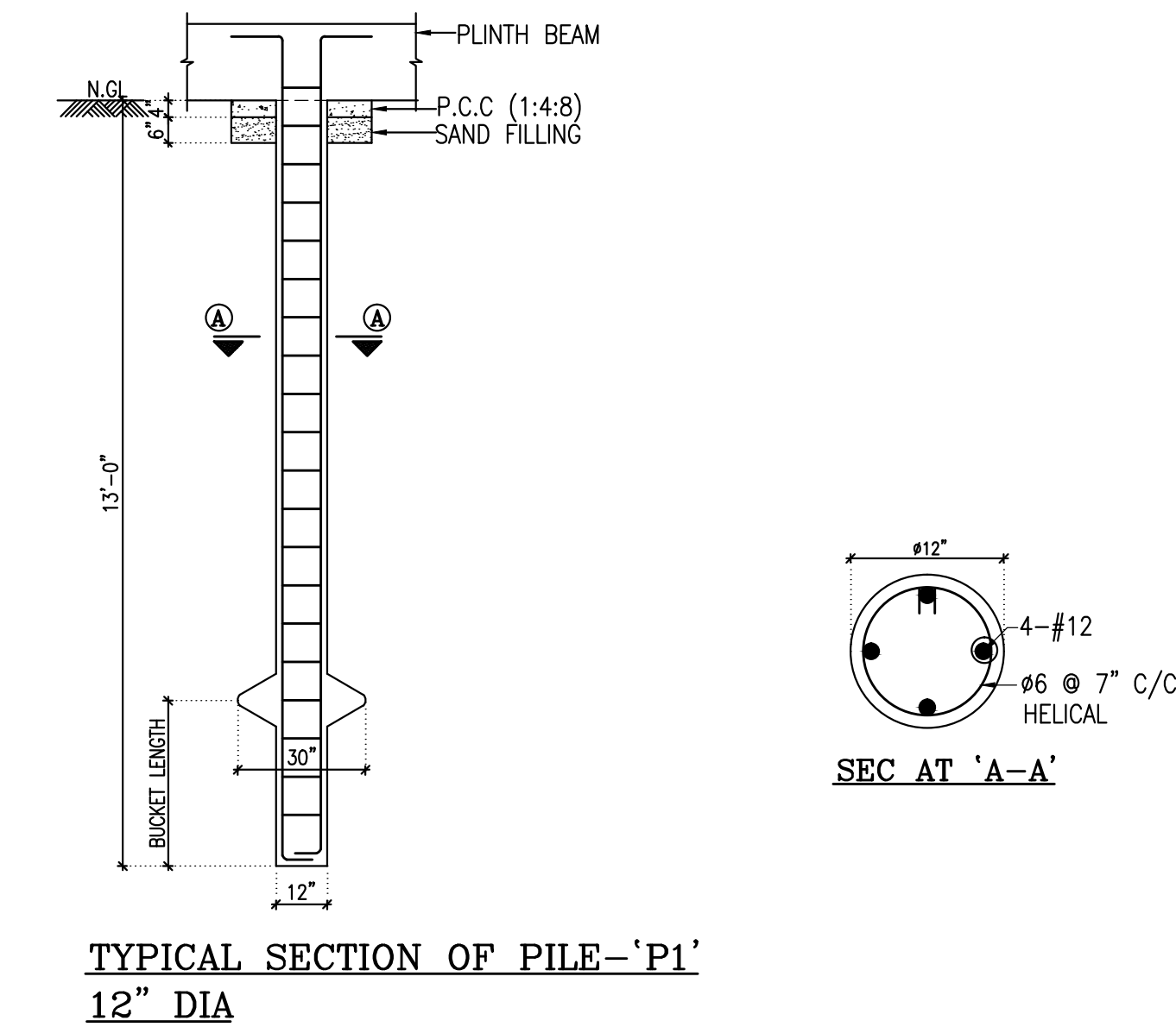
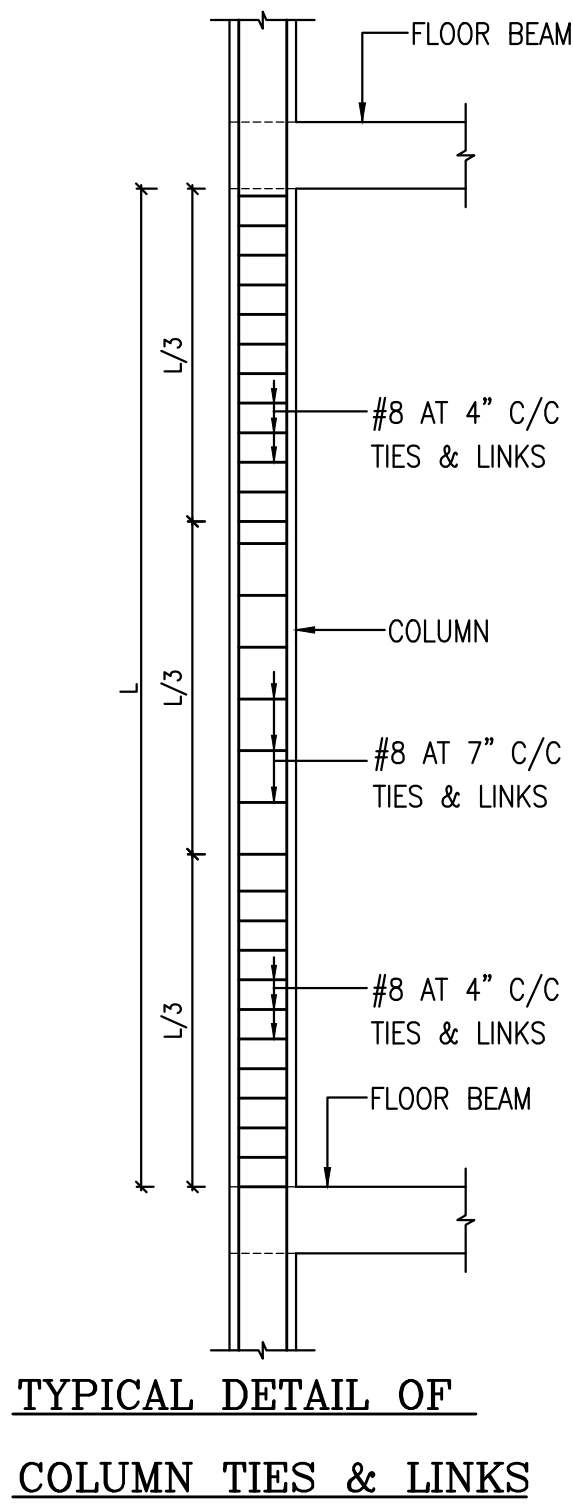
GROUND FLOOR PLAN



FIRST FLOOR PLAN

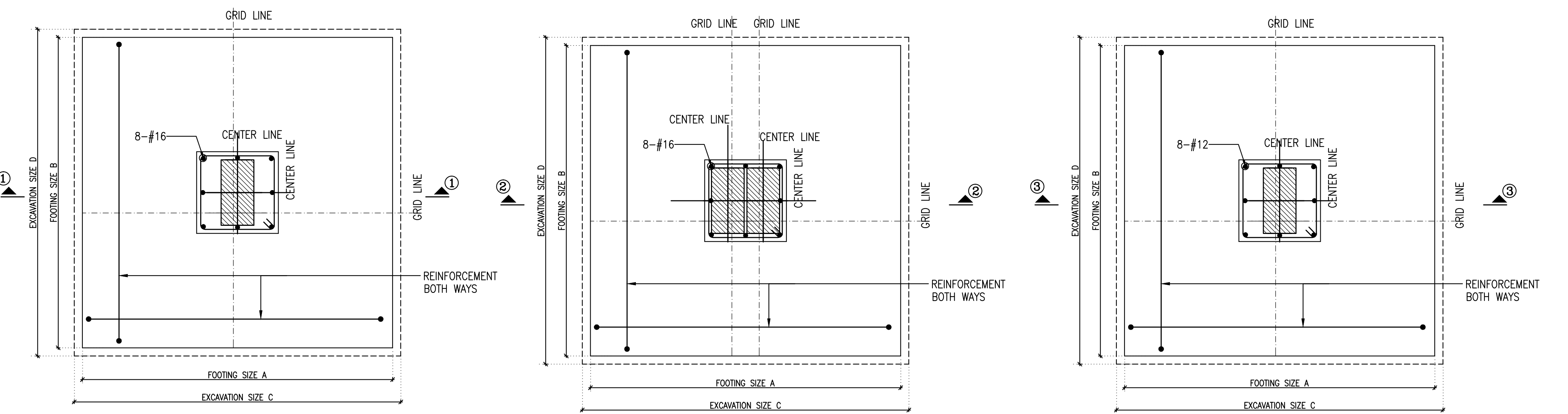
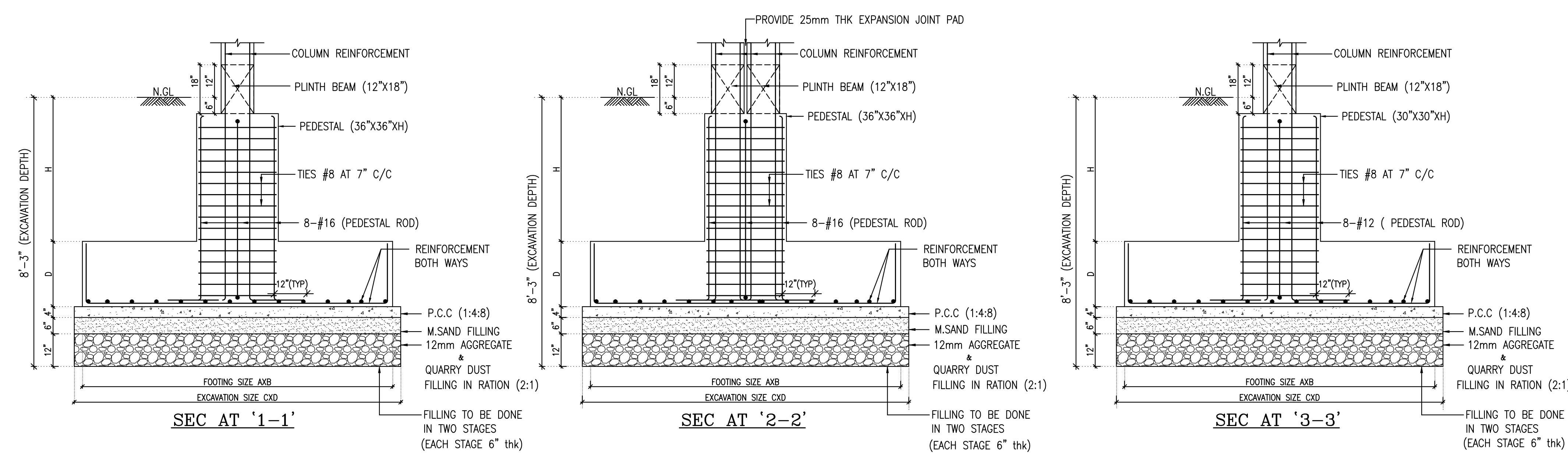


TYPE	COLUMN MKD.	SHAPE & SIZE	MAIN REINFORCEMENT				TIES & LINKS	NOS.
			GROUND FLOOR	FIRST FLOOR	SECOND FLOOR	THIRD FLOOR		
C1	D2, D5, C6, D6, C7, D7, C8, D8, C11.		M30 12-#25	M30 12-#25	M30 -	M30 -	#8 AT 4" C/C #8 AT 7" C/C	9
C2	C2, E2, E5, A6, E6, A7, E7, A8, E8, A11, D11, C13.		10-#25	10-#25	-	-	#8 AT 4" C/C #8 AT 7" C/C	12
C3	A2, E11, A13.		8-#25	8-#25	-	-	#8 AT 4" C/C #8 AT 7" C/C	3
C4	C1, D1, A3, A5, C5, C9, D9, C10, D10, D12, E12.		4-#25 + 4-#20	4-#25 + 4-#20	-	-	#8 AT 4" C/C #8 AT 7" C/C	11
C5	A1, E1, A9, E9, A10, E10, C14, D14.		8-#20	8-#20	-	-	#8 AT 4" C/C #8 AT 7" C/C	8
C6	A14, E14.		4-#20 + 4-#16	4-#20 + 4-#16	-	-	#8 AT 4" C/C #8 AT 7" C/C	2
C7	B3, C3.		4-#20 + 4-#16	4-#20 + 4-#16	-	-	#8 AT 4" C/C #8 AT 7" C/C	2
C8	B4, C4.		8-#16	8-#16	-	-	#8 AT 4" C/C #8 AT 7" C/C	2
TOTAL NOS.								49



- NOTES:
- USE TOR STEEL Fe 500 N/MM²
 - MIX FOR COLUMN M30.
 - MIX FOR FOOTING & PEDESTAL M25.
 - CLEAR COVER FOR FOOTINGS & COLUMN : 2"
 - CLEAR COVER FOR PEDESTAL :2", PLINTH BEAM 1".
 - S.B.C OF SOIL 14T/M² (AS PER SOIL REPORT)
 - FOUNDATION DESIGNED FOR GROUND+THREE FLOORS ONLY.
 - LAPPING LENGTH OF COLUMN SHOULD BE (50 X D)
 - WATER TANK LOAD TAKEN IN COLUMN (A1, C1, A2, C2, A3, B3, C3).

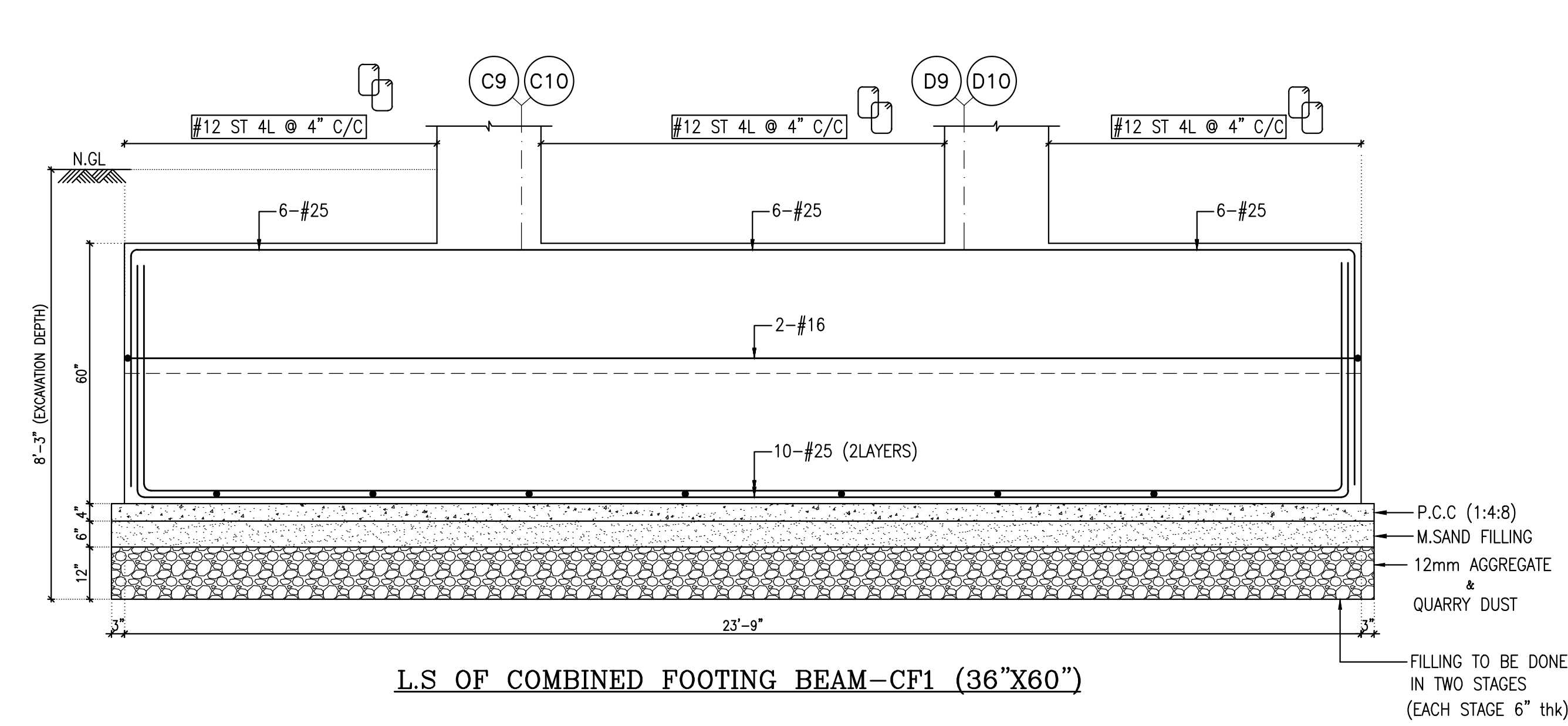
JOB NUMBER AND DRAWING NUMBER	1012	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
	3	
DESIGN	S.K.M	SCHEDULE OF COLUMN AND LAYOUT & DETAIL OF LIFT WELL BUILDERS:
DRAWN	S.V.K	
DATE	25/04/26	SUPER FOUNDATION
SCALE	1"=6'-0"	
CHECKED AND APPROVED	M.E.T	
		M.E.T & ASSOCIATES consulting engineers CIVIL, STRUCTURAL & PROJECTS NO:255/1, II FLOOR, P.H.ROAD, AMINJIKARAI, CHENNAI-600 026. PH: 044-43632624, 9840239224 EMAIL: met_associates@yahoo.co.in



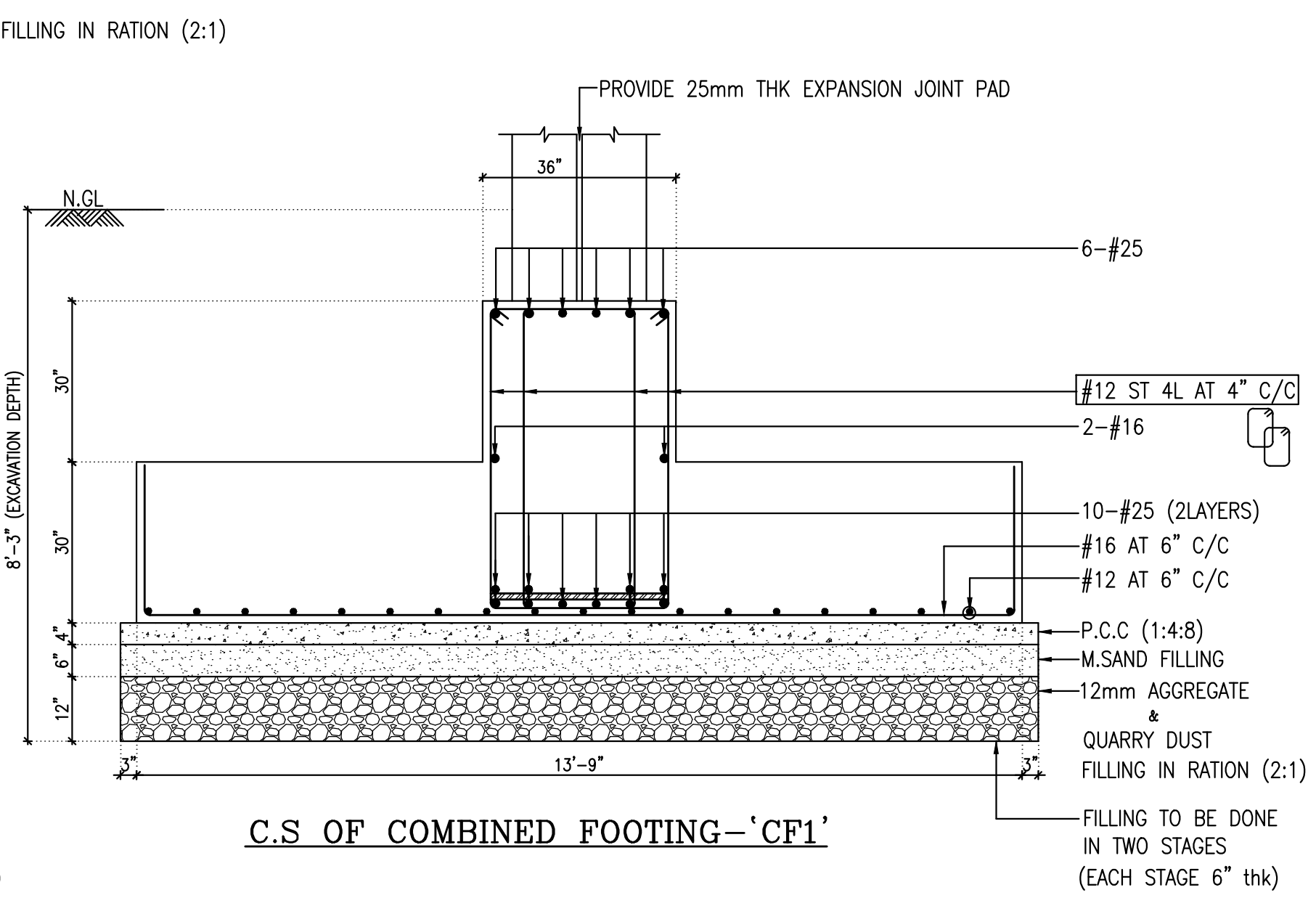
TYPICAL PLAN OF FOOTINGS F1 & F2A

PLAN OF FOOTINGS-'F1A'

TYPICAL PLAN OF FOOTINGS F2, F3, F4, F4A & F4B, F5 & F6.



L.S OF COMBINED FOOTING BEAM-CF1 (36"X60")



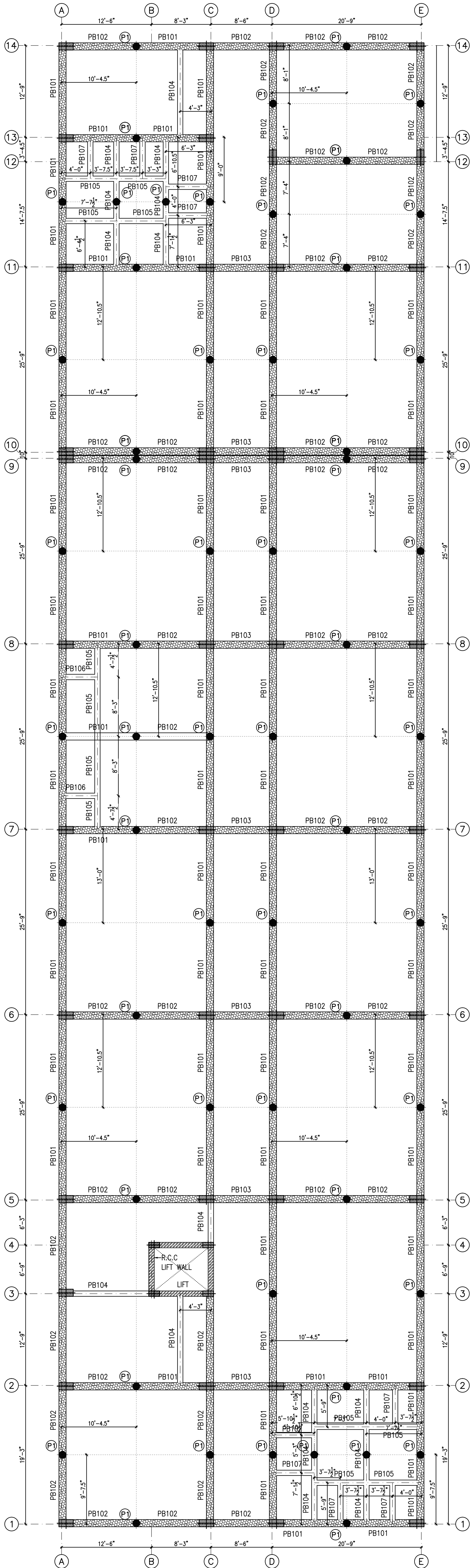
C.S OF COMBINED FOOTING-'CF1'

SCHEDULE OF FOOTING

TYPE	FOOTING MKD.	EXCAVATION SIZE (C X D)	FOOTING SIZE (A X B)	DEPTH	PEDESTAL	REINFORCEMENT BOTH WAYS	NOS.
				D	SIZE		
F1	D2, D5, C6, D6, C7, D7, C8, D8, C11.	11'-3" X 15'-0"	10'-9" X 14'-6"	33"	36"X36"XH	#16 AT 6" C/C	9
F1A	(A9-A10), (E9-E10).	13'-0" X 13'-0"	12'-6" X 12'-6"	30"	36"X36"XH	#16 AT 6" C/C	2
F2	E2, E5, A6, E6, A7, E7, A8, E8, A11.	12'-3" X 12'-3"	11'-9" X 11'-9"	30"	30"X30"XH	#16 AT 6" C/C	9
F2A	C2, D11, C13.	10'-9" X 14'-0"	10'-3" X 13'-6"	30"	36"X36"XH	#16 AT 6" C/C	3
F3	A2, E11, A13.	11'-6" X 11'-6"	11'-0" X 11'-0"	27"	30"X30"XH	#16 AT 6" C/C	3
F4	A3, A5, E12.	10'-9" X 10'-9"	10'-3" X 10'-3"	24"	30"X30"XH	#16 AT 6" C/C	3
F4A	C1, D1, D12.	10'-0" X 11'-6"	9'-6" X 11'-0"	27"	30"X30"XH	#16 AT 6" C/C	3
F4B	C5.	8'-9" X 13'-3"	8'-3" X 12'-9"	27"	30"X30"XH	#16 AT 6" C/C	1
F5	A1, E1, C14, D14.	9'-6" X 9'-6"	9'-0" X 9'-0"	21"	30"X30"XH	#12 AT 6" C/C	4
F6	A14, E14.	9'-0" X 9'-0"	8'-6" X 8'-6"	21"	30"X30"XH	#12 AT 6" C/C	2
CF1	(C9-D9-C10-D10)	14'-3" X 24'-3"	13'-9" X 23'-9"	REFER SEPERATE DETAIL			1
LF1	(B3-C3-B4-C4)	13'-0" X 16'-9"	12'-6" X 16'-3"	REFER SEPERATE DETAIL			1
						TOTAL NOS.	41

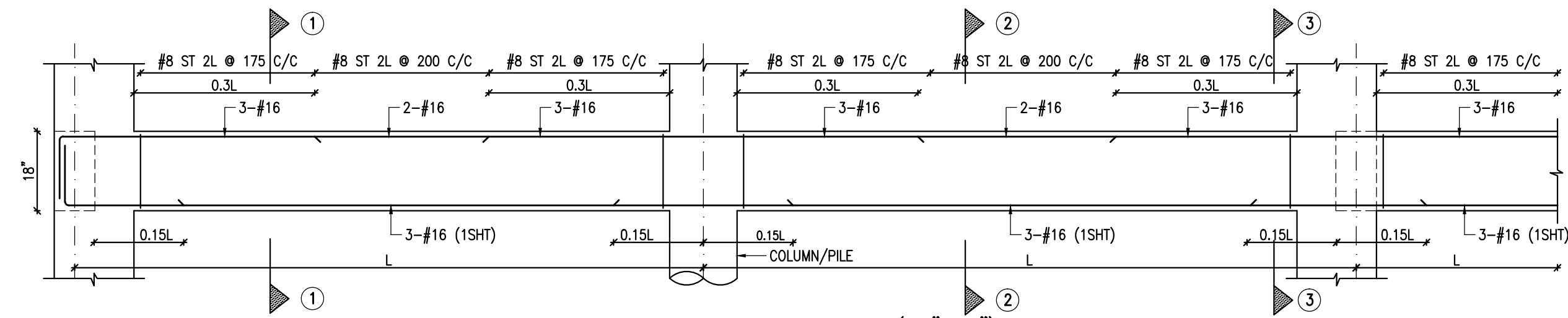
- NOTES:
- USE TOR STEEL Fe 500 N/MM²
 - MIX FOR COLUMN M30.
 - MIX FOR FOOTING & PEDESTAL M25.
 - CLEAR COVER FOR FOOTINGS & COLUMN : 2"
 - CLEAR COVER FOR PEDESTAL :2", PLINTH BEAM 1".
 - S.B.C OF SOIL 14T/M² (AS PER SOIL REPORT)
 - FOUNDATION DESIGNED FOR GROUND+THREE FLOORS ONLY.
 - LAPPING LENGTH OF COLUMN SHOULD BE (50 X D)
 - WATER TANK LOAD TAKEN IN COLUMN (A1, C1, A2, C2, A3, B3, C3).

JOB NUMBER AND DRAWING NUMBER	1012	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
	2	
DESIGN	S.K.M	SCHEDULE OF FOOTING AND R.C.C DETAIL OF COMBINED FOOTING
DRAWN	S.V.K	BUILDERS:
DATE	25/04/26	SUPER FOUNDATION M.E.T & ASSOCIATES consulting engineers CIVIL, STRUCTURAL & PROJECTS NO:256/1, II FLOOR, P.H.ROAD, AMINJIKARAI, CHERNAL-600 028. PH: 044-43032824, 9840239224 EMAIL: met_associates@yahoo.co.in
SCALE	1"=6'-0"	
CHECKED AND APPROVED	M.E.T	

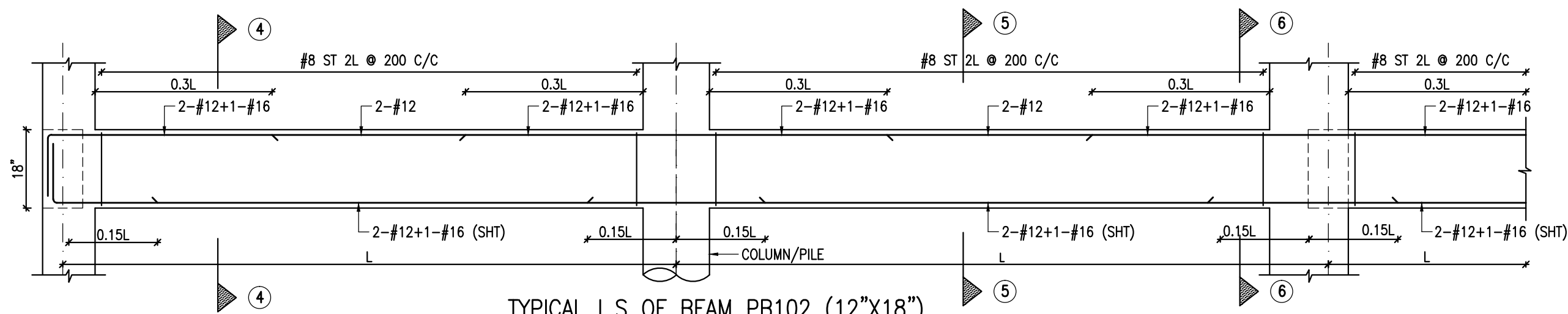


- NOTES:**
1. USE TOR STEEL Fe 500 N/MM²
 2. MIX FOR COLUMN M30.
 3. MIX FOR FOOTING & PEDESTAL M25.
 4. CLEAR COVER FOR FOOTINGS & COLUMN : 2"
 5. CLEAR COVER FOR PEDESTAL :2", PLINTH BEAM 1".
 6. S.B.C OF SOIL 14T/M² (AS PER SOIL REPORT)
 7. FOUNDATION DESIGNED FOR GROUND+THREE FLOORS ONLY.
 8. LAPPING LENGTH OF COLUMN SHOULD BE (50 X D)
 9. WATER TANK LOAD TAKEN IN COLUMN (A1, C1, A2, C2, A3, B3, C3).

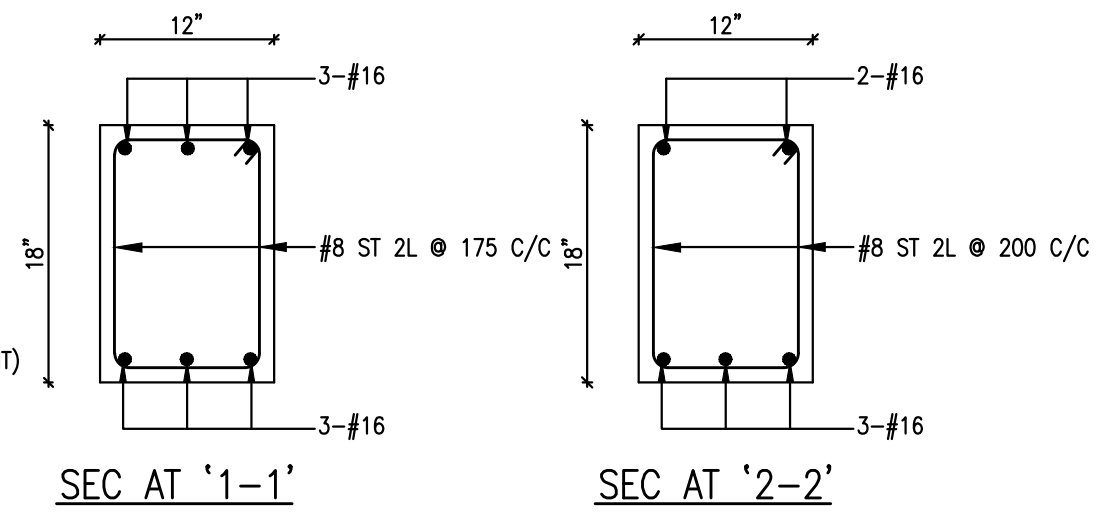
JOB NUMBER AND DRAWING NUMBER		1012 4	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
DESIGN	S.K.M		
DRAWN	S.V.K		BUILDERS:
DATE	25/04/26		
SCALE	1"=6'-0"		SUPER FOUNDATION
CHECKED AND APPROVED	M.E.T		
			M.E.T & ASSOCIATES consulting engineers CIVIL, STRUCTURAL & PROJECTS NO:255/1, II FLOOR, P.H.ROAD, AMINJIKARAI, CHENNAI-600 029. PH: 044-43532524, 9840238284 EMAIL: met_associates@yahoo.co.in



TYPICAL L.S. OF BEAM PB101 (12"X18")

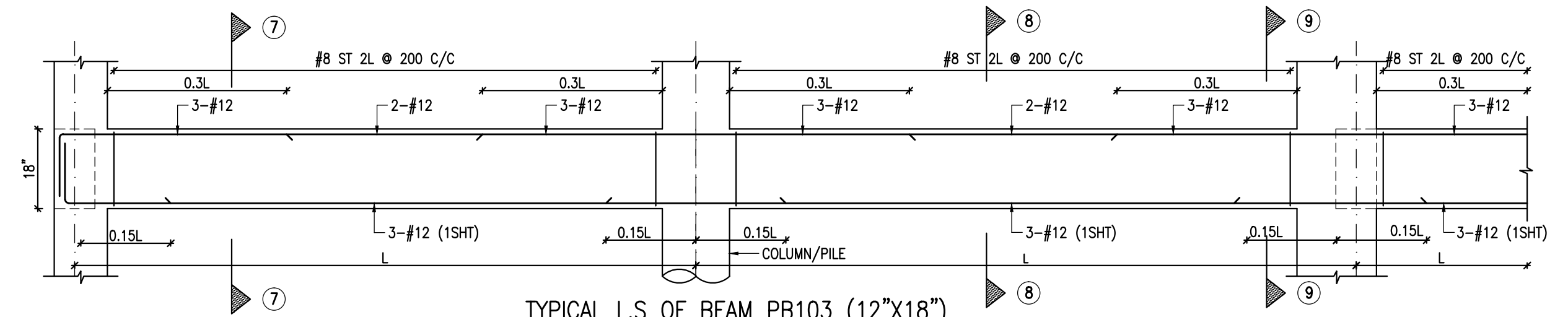


TYPICAL L.S. OF BEAM PB102 (12"X18")

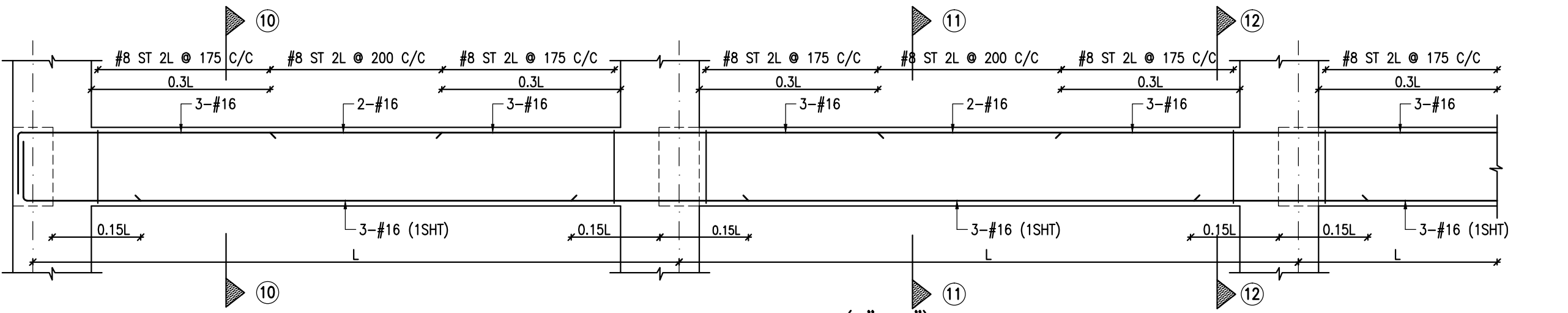


SEC AT '1-1'

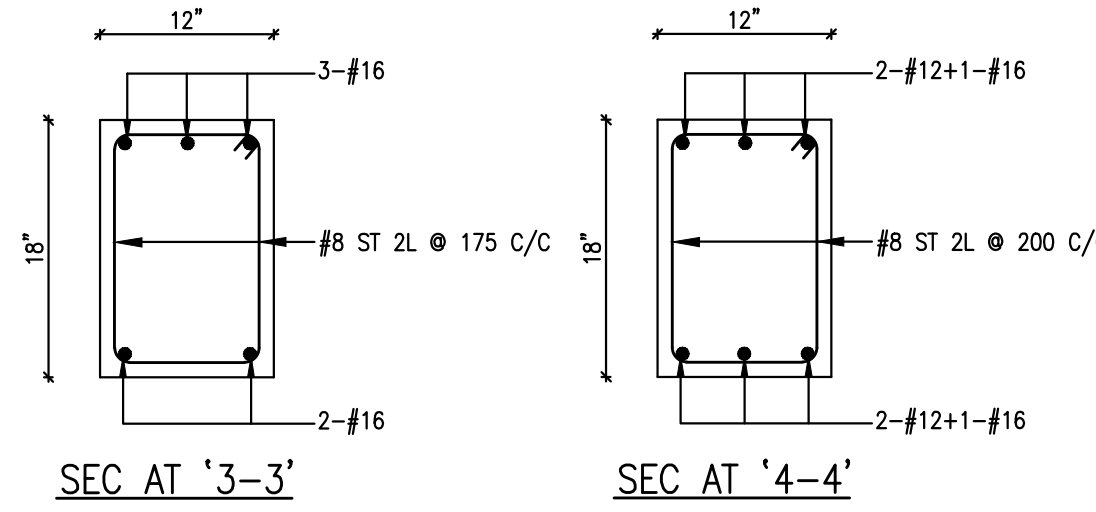
SEC AT '2-2'



TYPICAL L.S. OF BEAM PB103 (12"X18")

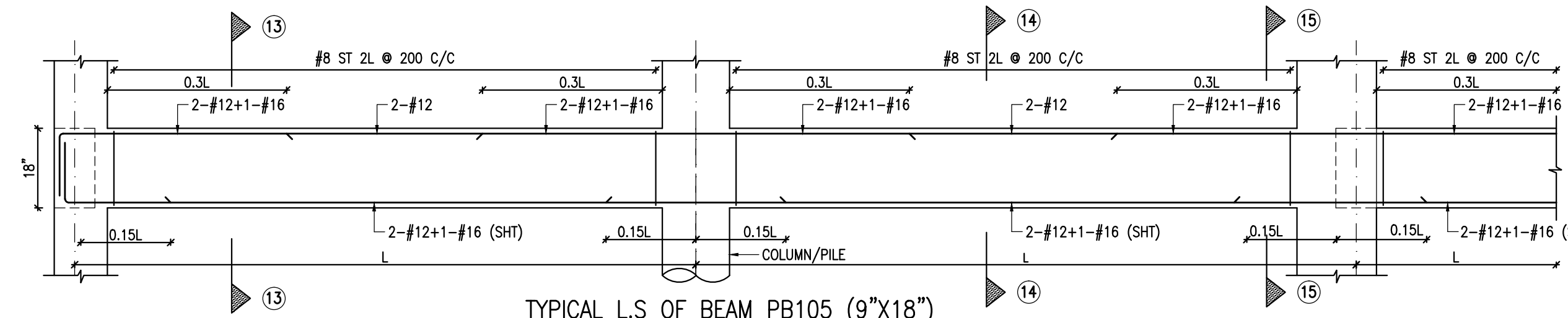


TYPICAL L.S. OF BEAM PB104 (9"X18")

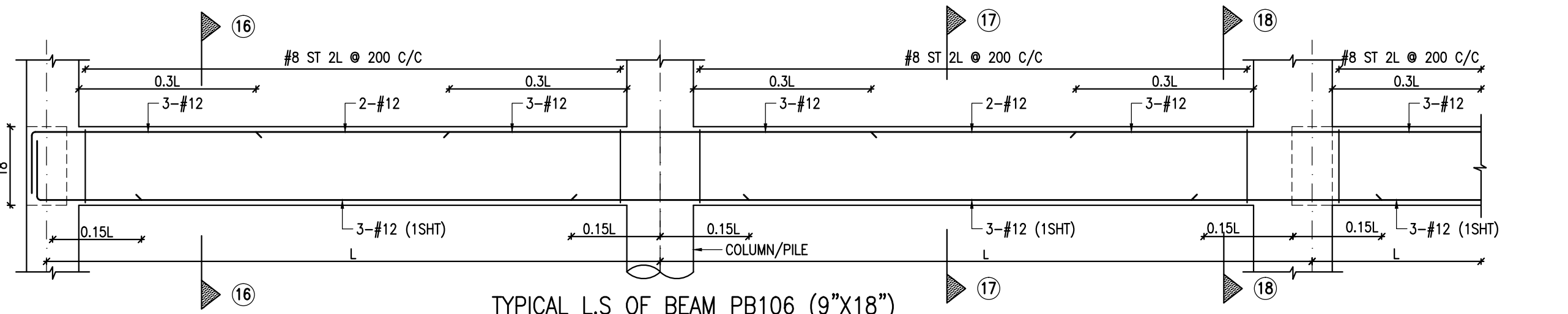


SEC AT '3-3'

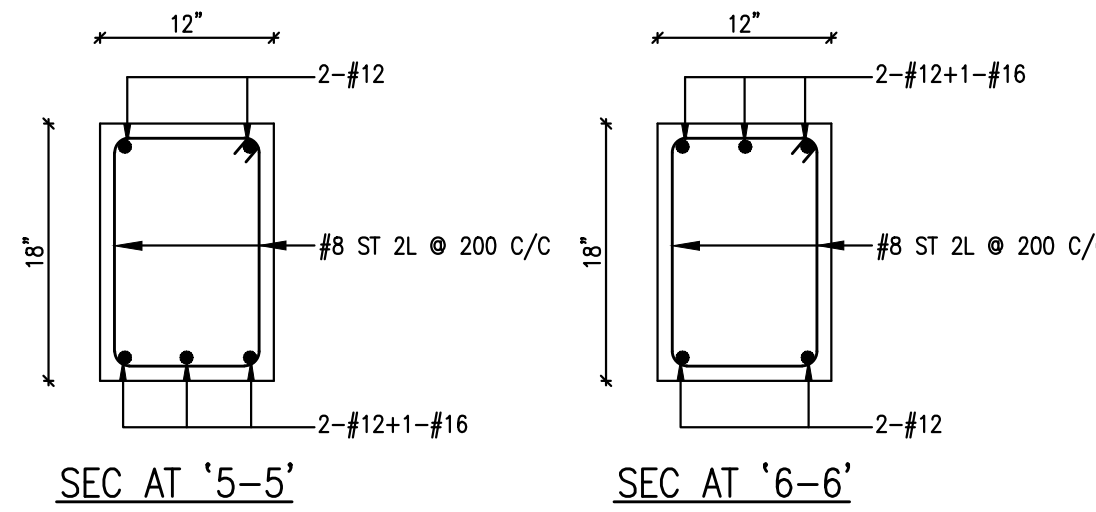
SEC AT '4-4'



TYPICAL L.S. OF BEAM PB105 (9"X18")

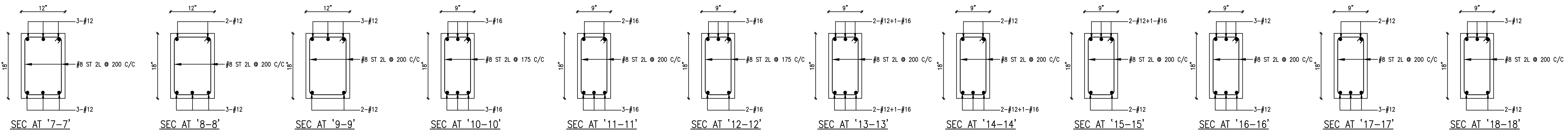


TYPICAL L.S. OF BEAM PB106 (9"X18")



SEC AT '5-5'

SEC AT '6-6'



SEC AT '7-7'

SEC AT '8-8'

SEC AT '9-9'

SEC AT '10-10'

SEC AT '11-11'

SEC AT '12-12'

SEC AT '13-13'

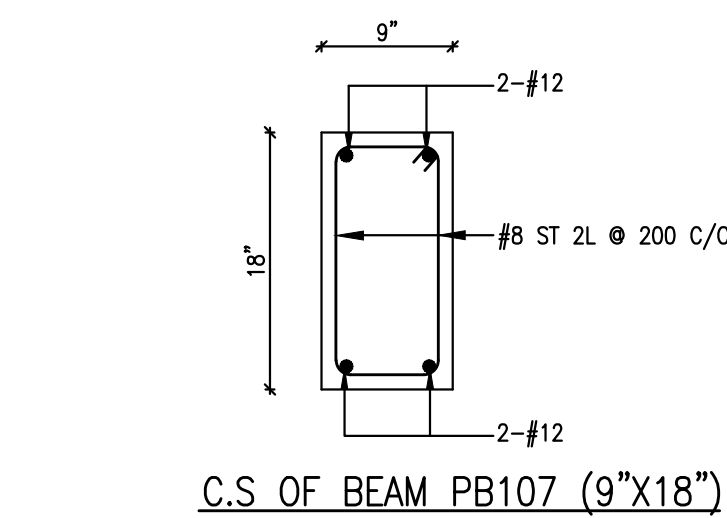
SEC AT '14-14'

SEC AT '15-15'

SEC AT '16-16'

SEC AT '17-17'

SEC AT '18-18'

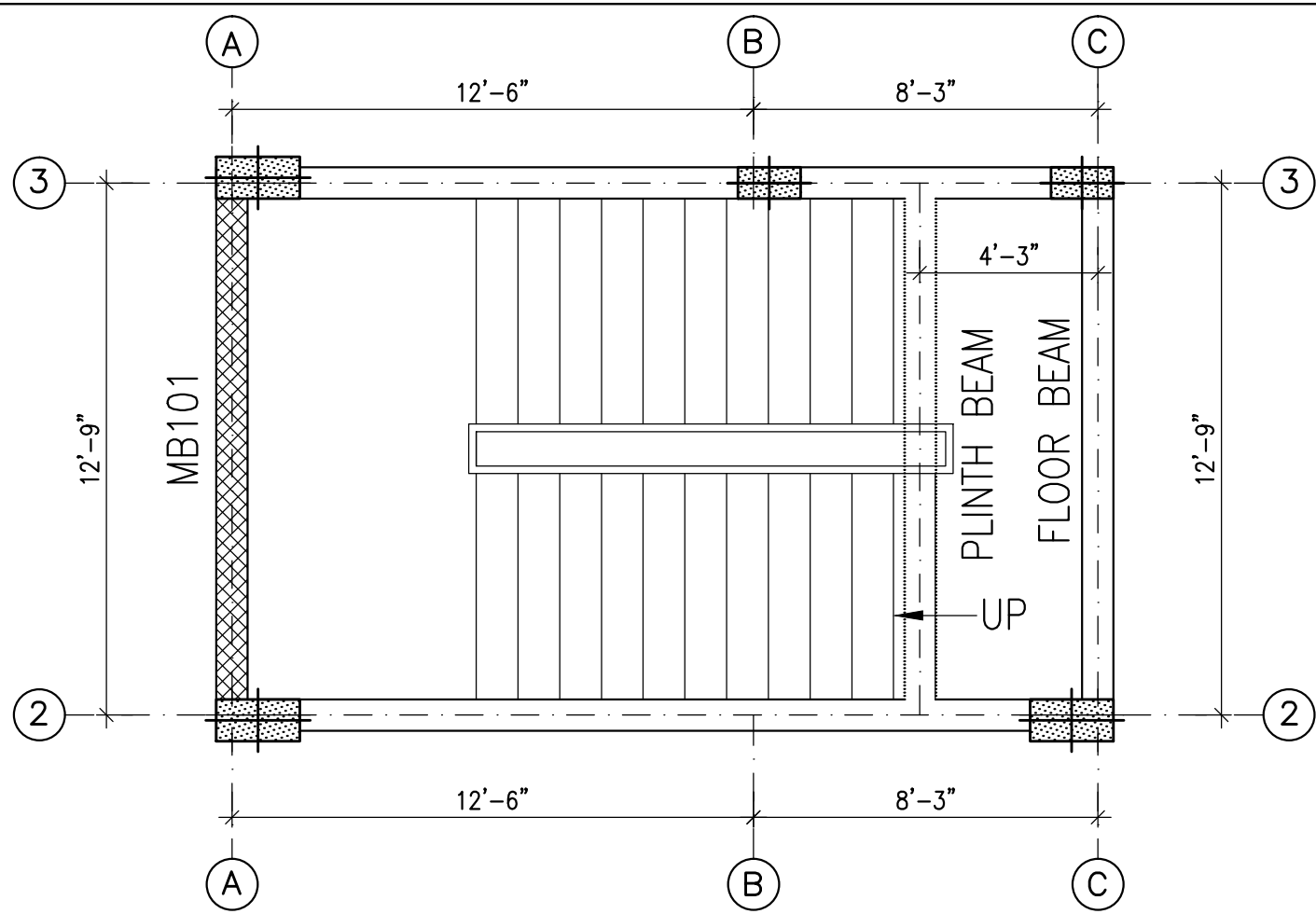


C.S. OF BEAM PB107 (9"X18")

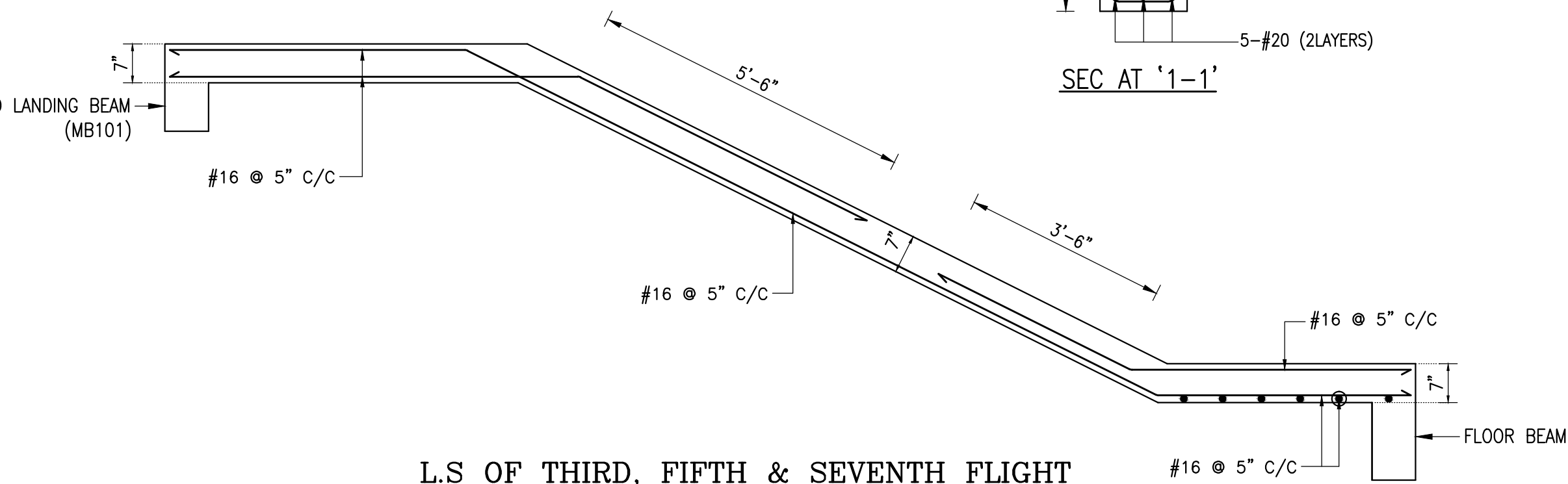
NOTES:

- USE TOR STEEL Fe 500 N/MM.²
- MIX FOR COLUMN M30.
- MIX FOR FOOTING & PEDESTAL M25.
- CLEAR COVER FOR FOOTINGS & COLUMN : 2"
- CLEAR COVER FOR PEDESTAL :2", PLINTH BEAM 1".
- S.B.C OF SOIL 14T/M.² (AS PER SOIL REPORT)
- FOUNDATION DESIGNED FOR GROUND+THREE FLOORS ONLY.
- LAPPING LENGTH OF COLUMN SHOULD BE (50 X D)
- WATER TANK LOAD TAKEN IN COLUMN (A1, C1, A2, C2, A3, B3, C3).

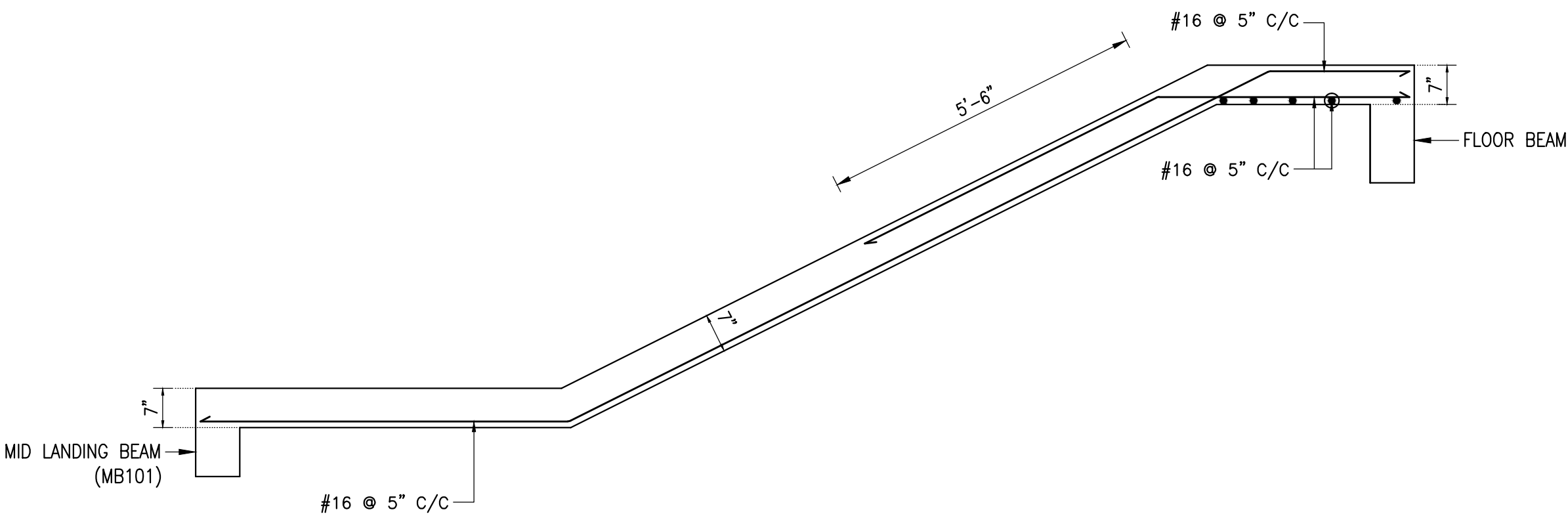
JOB NUMBER AND DRAWING NUMBER	1012	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
	5	
DESIGN	S.K.M	R.C.C DETAIL OF PLINTH BEAM
DRAWN	S.V.K	BUILDERS:
DATE	25/04/26	
SCALE	1"=6'-0"	SUPER FOUNDATION
CHECKED AND APPROVED	M.E.T	
		
		M.E.T & ASSOCIATES consulting engineers CIVIL, STRUCTURAL & PROJECTS NO:256/1, II FLOOR, P.H.ROAD, AMINJIKARAI, CHENNAI-600 029. PH: 044-43532524, 9840239224 EMAIL: met_associates@yahoo.co.in



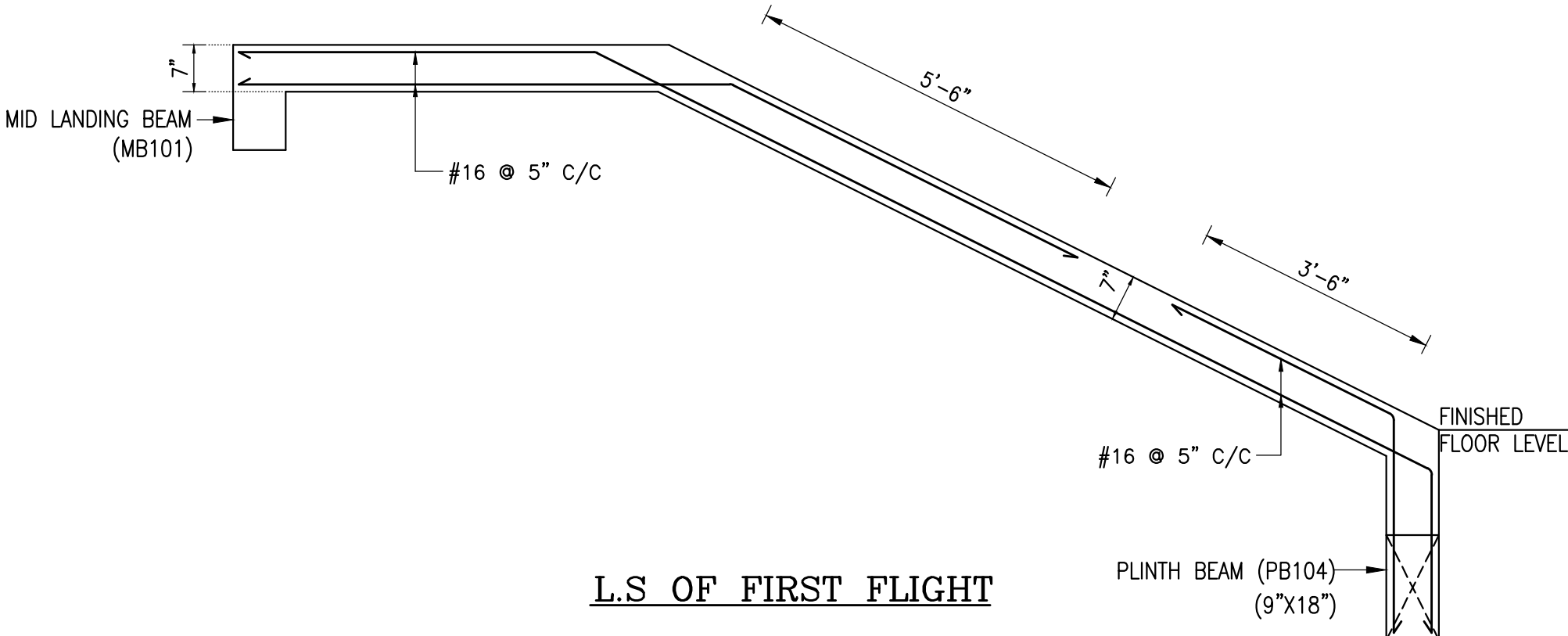
PLAN OF STAIRCASE



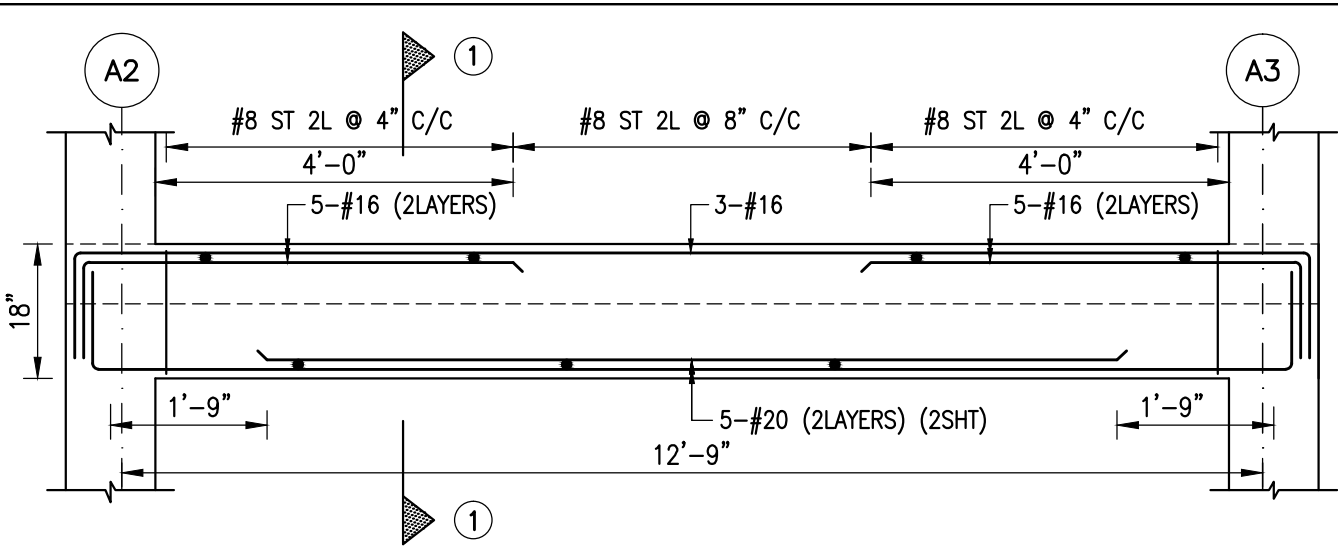
L.S OF THIRD, FIFTH & SEVENTH FLIGHT



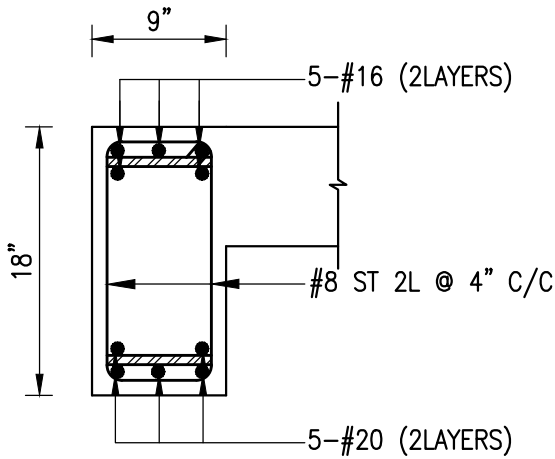
L.S OF SECOND, FOURTH, SIXTH & EIGHTH FLIGHT



L.S OF FIRST FLIGHT



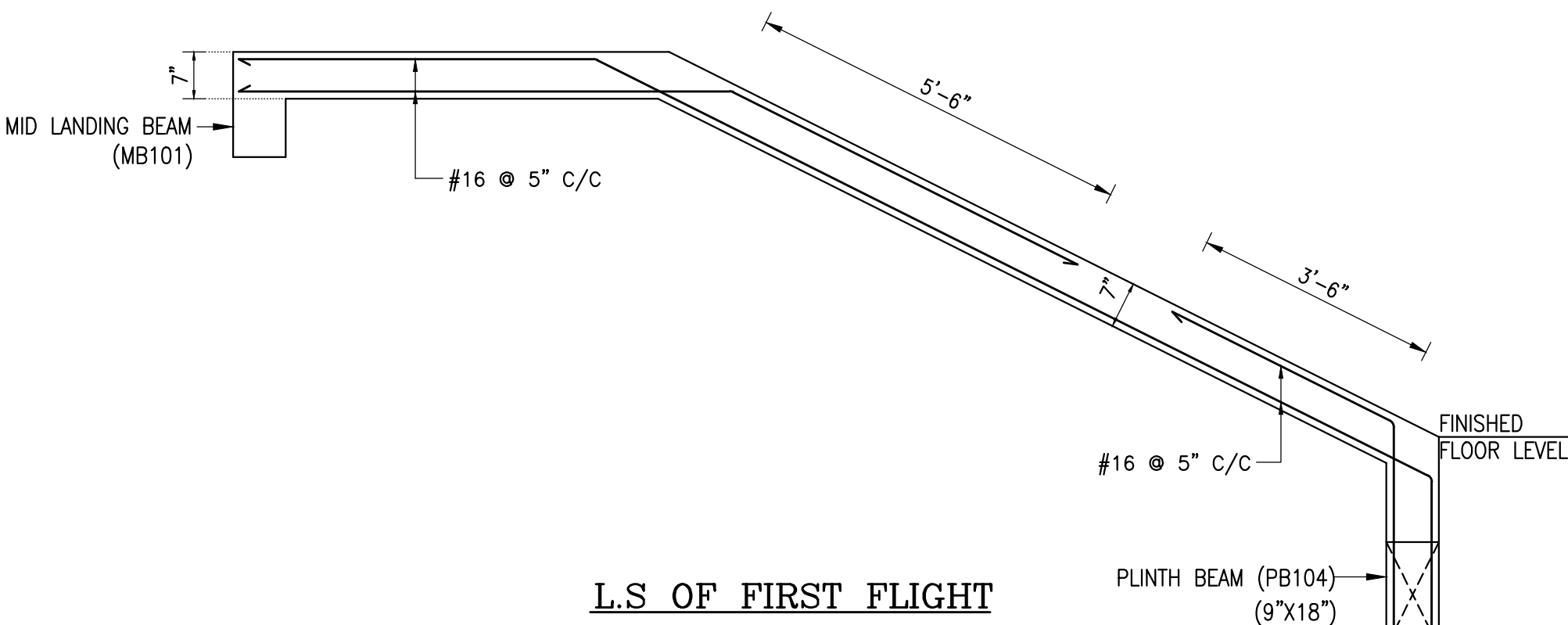
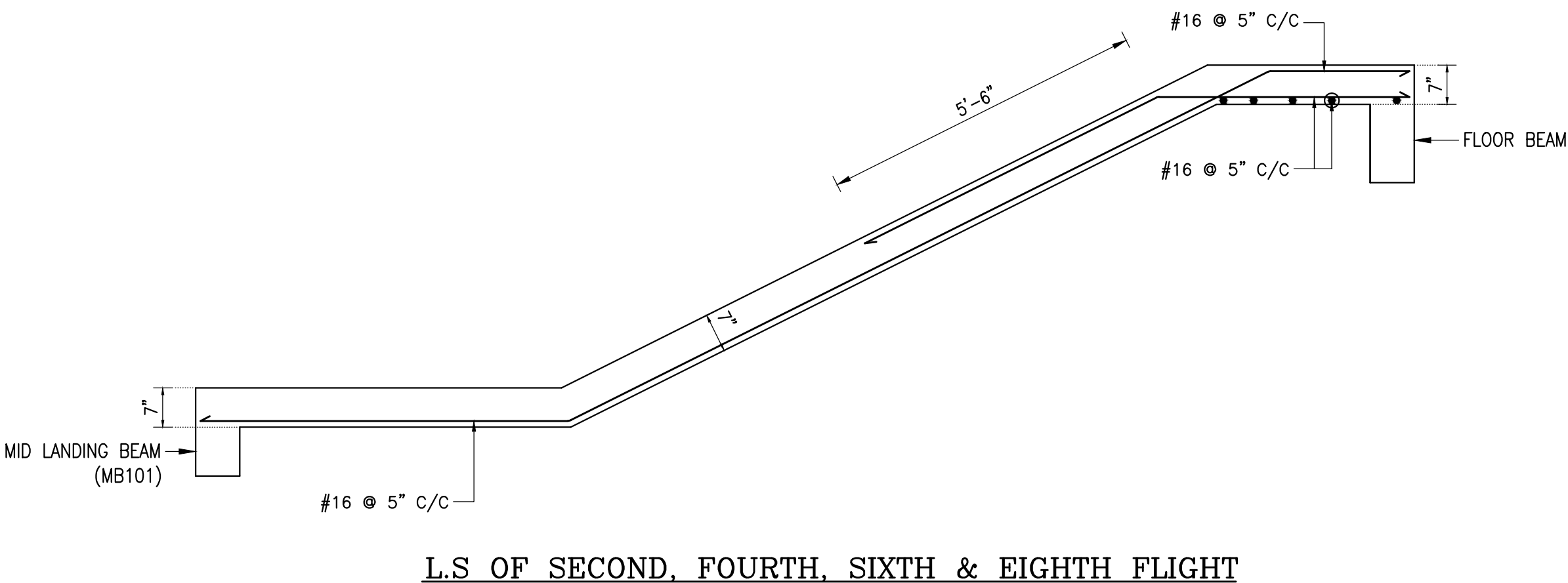
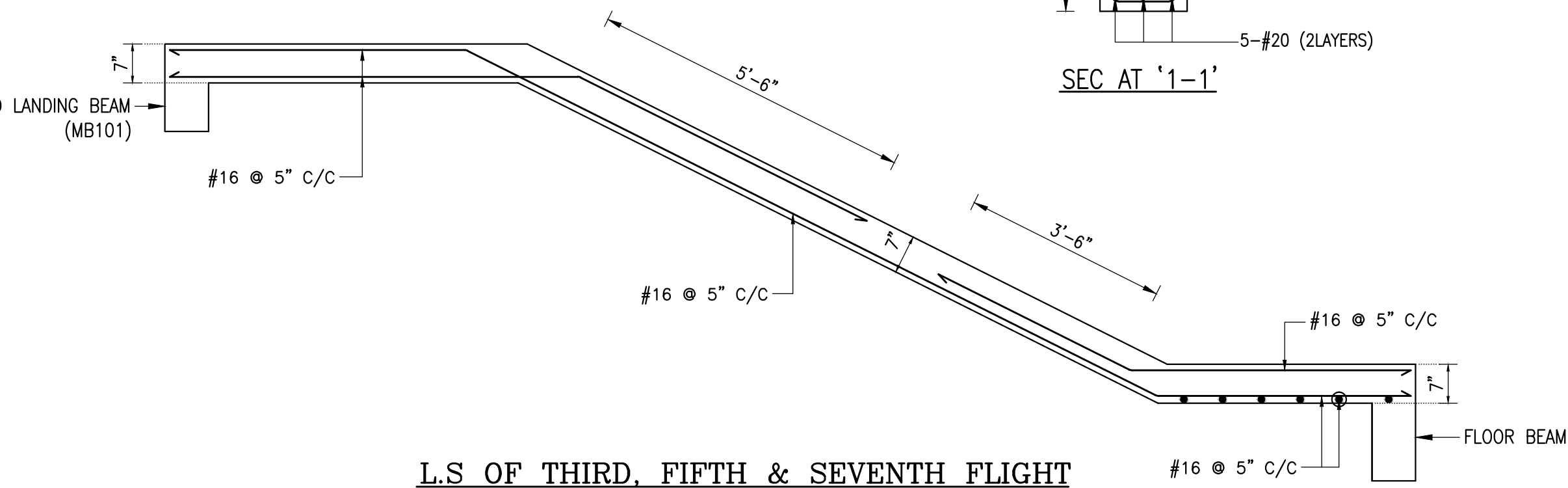
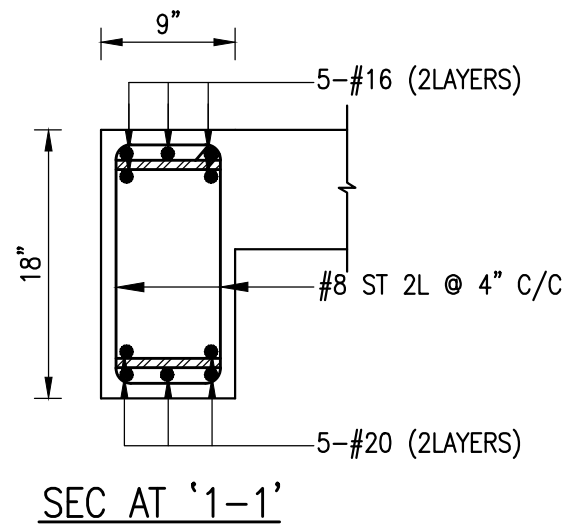
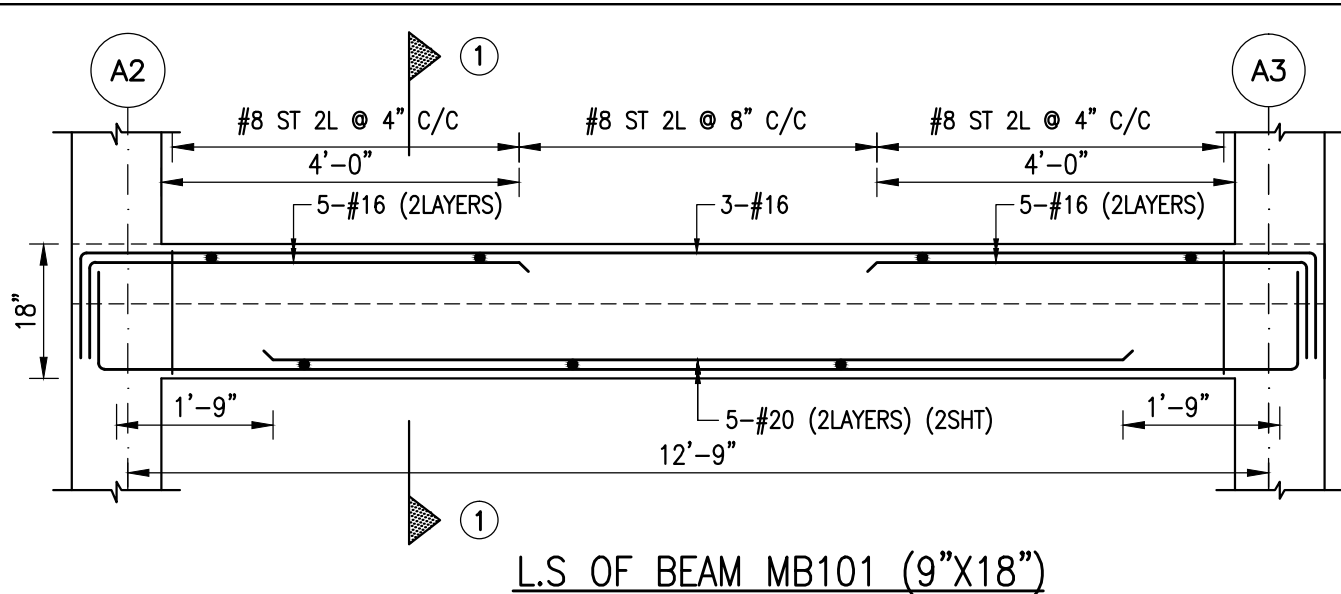
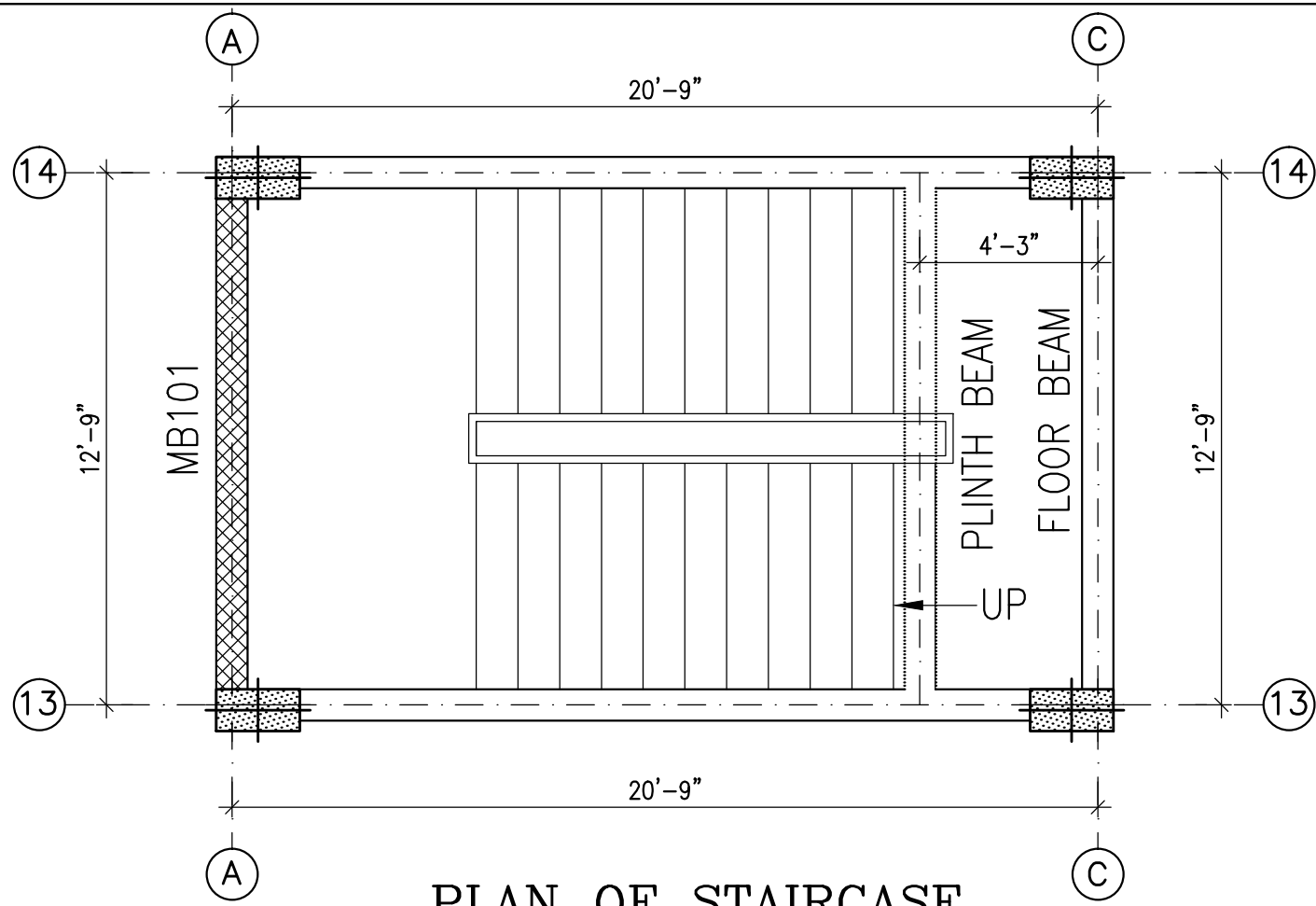
L.S OF BEAM MB101 (9"X18")



SEC AT '1-1'

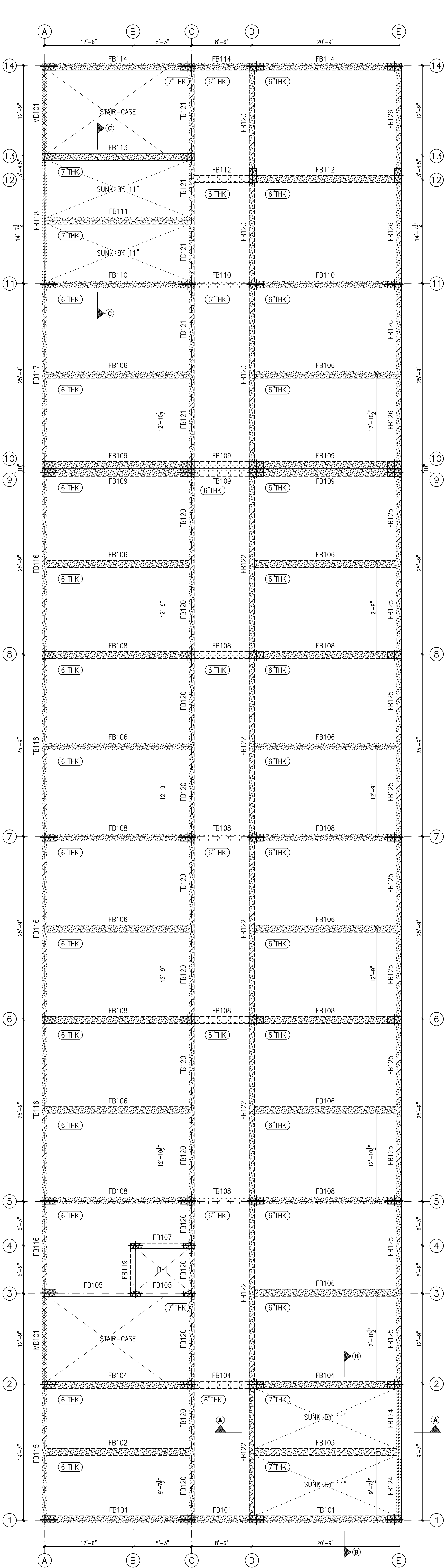
- NOTES:**
1. USE TOR STEEL Fe 500 N/MM²
 2. MIX FOR CONCRETE M30.
 3. CLEAR COVER FOR WAIST SLAB : 20 mm
 4. DISTRIBUTOR #10 @ 6" C/C
 5. USE ORDINARY PORTLAND CEMENT (OPC).
 6. TREAD & RISER SIZE REFER ARCH DRGS.

JOB NUMBER AND DRAWING NUMBER	1012	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
	6	
DESIGN	S.K.M	LAYOUT & R.C.C DETAIL OF STAIRCASE
DRAWN	S.V.K	BUILDERS:
DATE	25/04/25	SUPER FOUNDATION M.E.T & ASSOCIATES consulting engineers CIVIL, STRUCTURAL & PROJECTS NO:856/1, II FLOOR, P.R.ROAD, AMBERNARAI, CHENNAI-600 029. PH: 044-43052854, 9840059824 EMAIL: met_associates@yahoo.co.in
SCALE	1"=2'-0"	
CHECKED AND APPROVED	M.E.T	

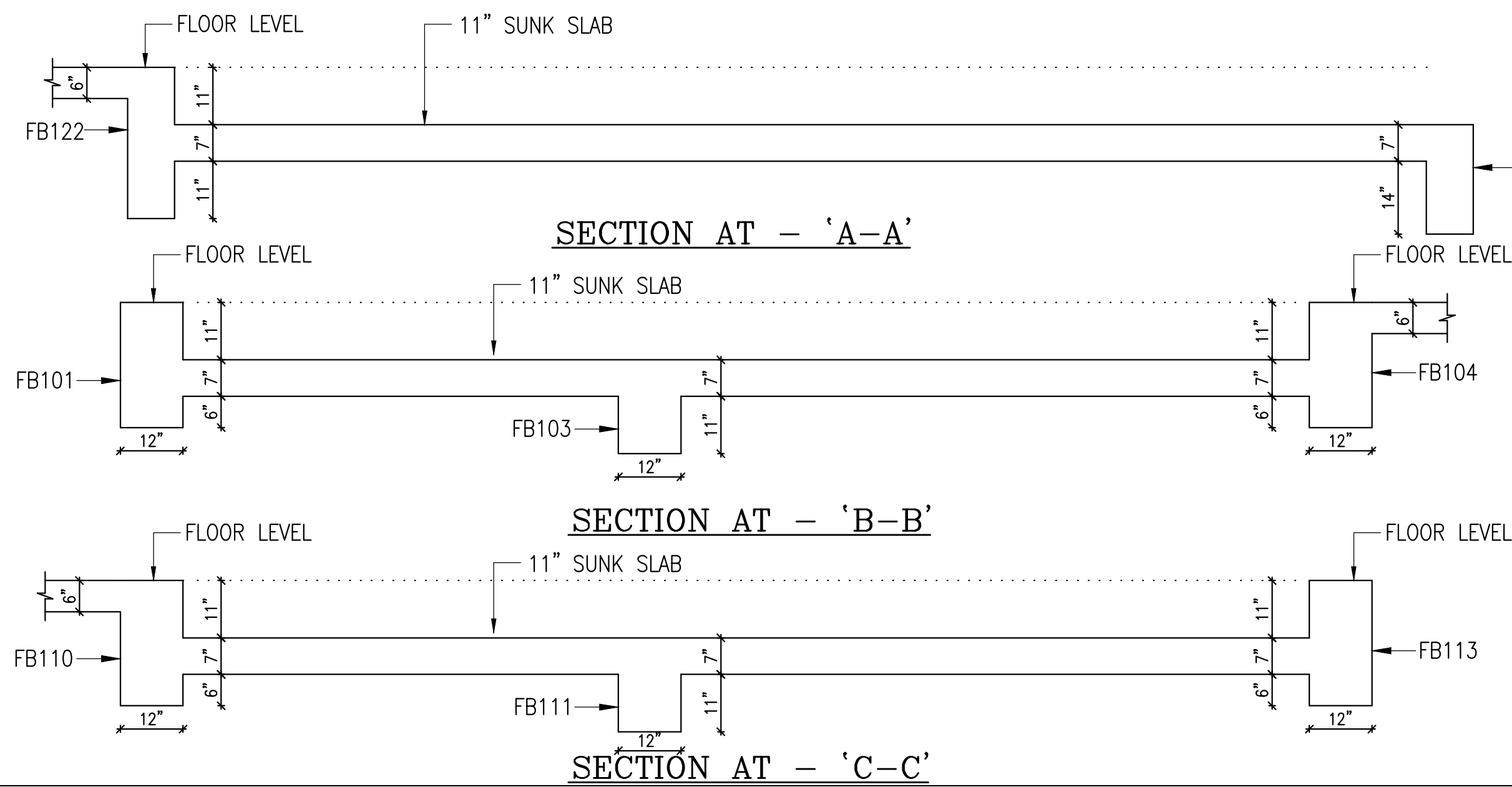


- NOTES:**
1. USE TOR STEEL Fe 500 N/MM²
 2. MIX FOR CONCRETE M30.
 3. CLEAR COVER FOR WAIST SLAB : 20 mm
 4. DISTRIBUTOR #10 @ 6" C/C
 5. USE ORDINARY PORTLAND CEMENT (OPC).
 6. TREAD & RISER SIZE REFER ARCH DRGS.

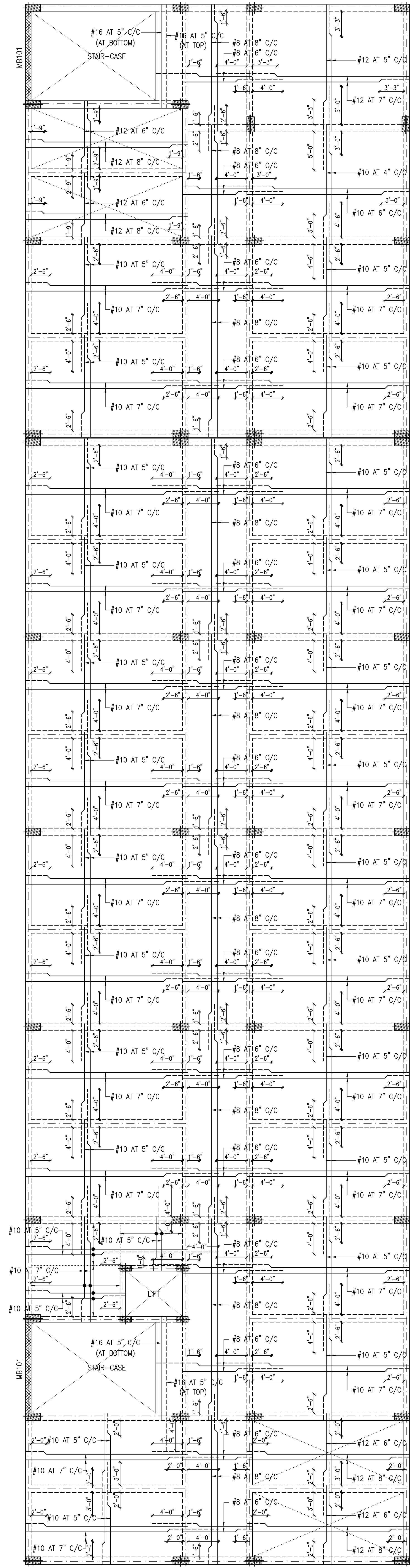
JOB NUMBER AND DRAWING NUMBER	1012	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
	7	
DESIGN	S.K.M	LAYOUT & R.C.C DETAIL OF STAIRCASE
DRAWN	S.V.K	BUILDERS:
DATE	25/04/25	M.E.T & ASSOCIATES consulting engineers CIVIL, STRUCTURAL & PROJECTS NO:888/1, II FLOOR, P.H.ROAD, AMBERNARAI, CHENNAI-600 089. PH: 044-43052854, 9840059824 EMAIL: met_associates@yahoo.co.in
SCALE	1"=2'-0"	
CHECKED AND APPROVED	M.E.T	



NUMERATION OF BEAMS OVER GROUND FLOOR



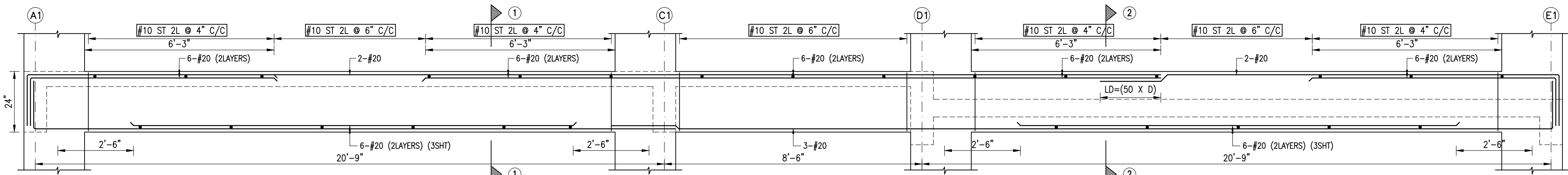
R.C.C DETAIL OF SLAB OVER GROUND FLOOR



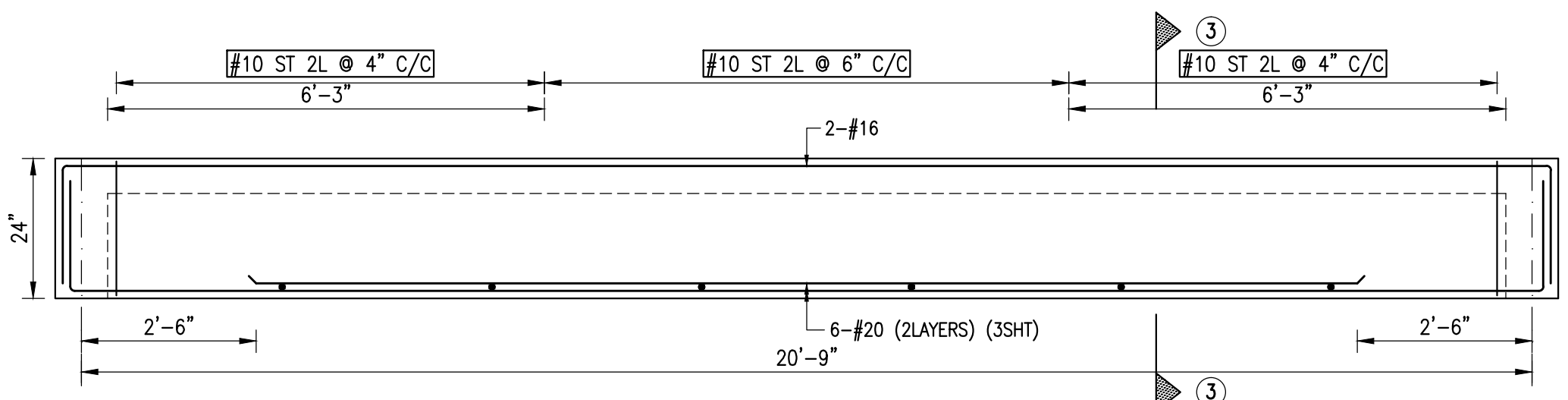
- INDICATES BEAM SIZE (12"x24")
- INDICATES BEAM SIZE (12"x18")
- INDICATES LOW LEVEL BEAM SIZE (12"x18")
- INDICATES BEAM SIZE (9"x29")
- INDICATES BEAM SIZE (9"x24")
- INDICATES BEAM SIZE (9"x18")
- INDICATES LOW LEVEL BEAM SIZE (9"x21")
- INDICATES MIDLANDING BEAM

- NOTES:
- USE TOR STEEL Fe 500D N/MM.²
 - MIX FOR CONCRETE M30
 - CLEAR COVER FOR BEAM :25mm
 - CLEAR COVER FOR SLAB : 20mm
 - PROVIDE DISTRIBUTORS #10 @ 6" C/C
 - USE ORDINARY PORTLAND CEMENT (OPC).

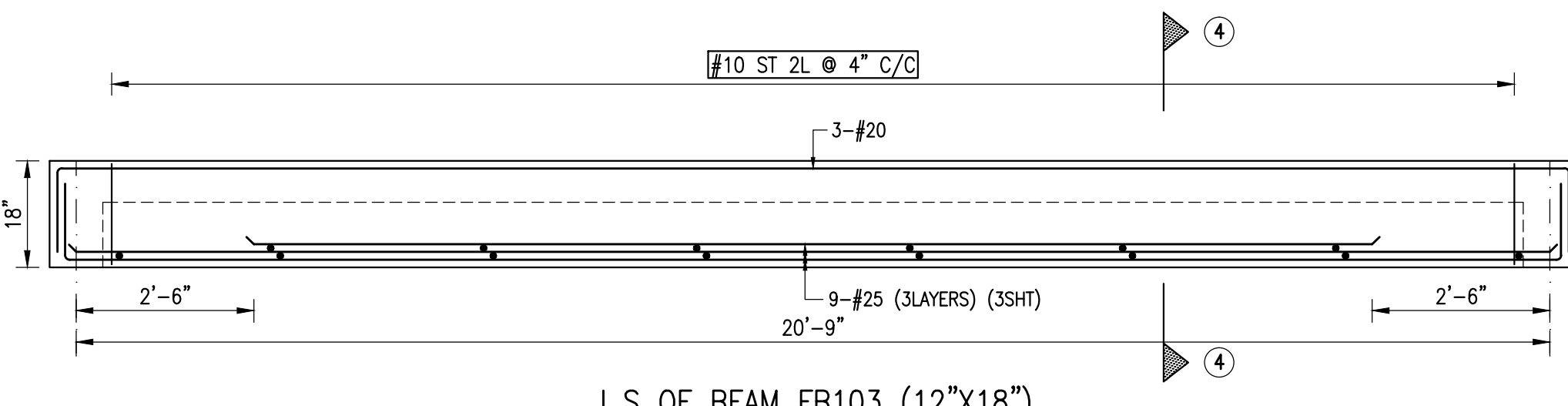
NOTE: 1. TOILET TO BE FILLED WITH LIGHT WEIGHT MATERIAL VERMOLITE OR HEMALITE 2. DE SHUTTERING TO BE DONE ONLY AFTER 21 DAYS		JOB NUMBER AND DRAWING NUMBER	1012 8	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
		DESIGN	S.K.M	
		DRAWN	S.V.K	NUMERATION OF BEAMS & R.C.C DETAIL OF SLAB OVER GROUND FLOOR.
		DATE	02/07/26	BUILDERS:
		SCALE	1"=6'-0"	SUPER FOUNDATION M.E.T & ASSOCIATES consulting engineers CIVIL, STRUCTURAL & PROJECTS NO:256/1, II FLOOR, P.H.ROAD, AMINIKARAI, CHERNAI-600 059. PH: 044-43532524, 9840328224 EMAIL: met_associates@yahoo.co.in
CHECKED AND APPROVED		M.E.T		



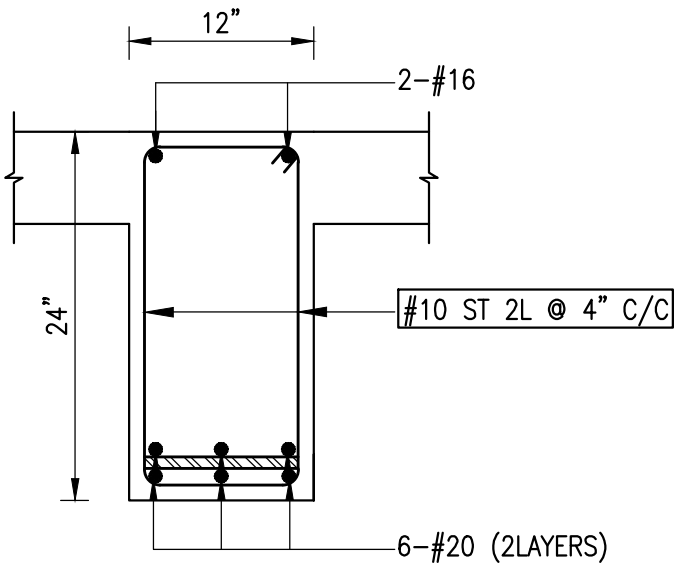
L.S. OF BEAM FB101 (12"X24")



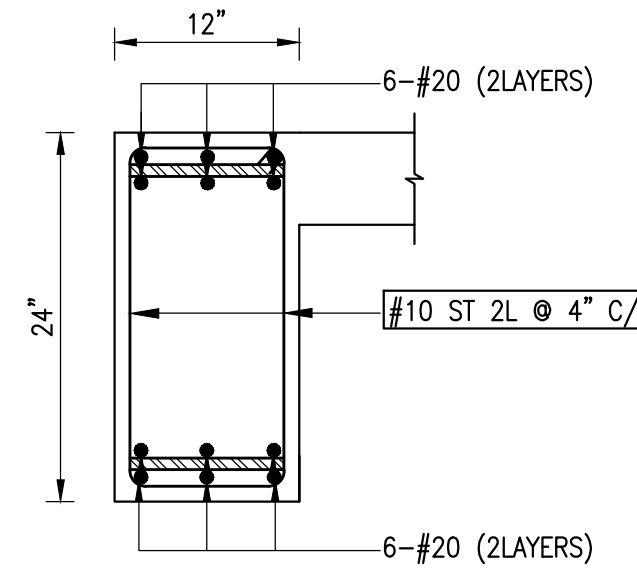
L.S. OF BEAM FB102 (12"X24")



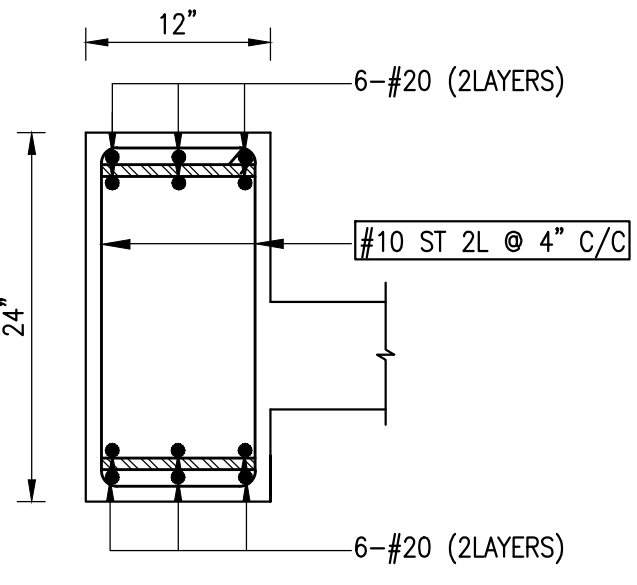
L.S. OF BEAM FB103 (12"X18")



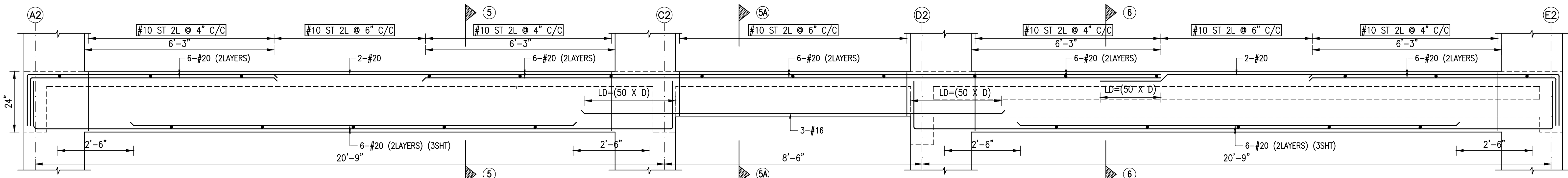
SEC AT '3-3'



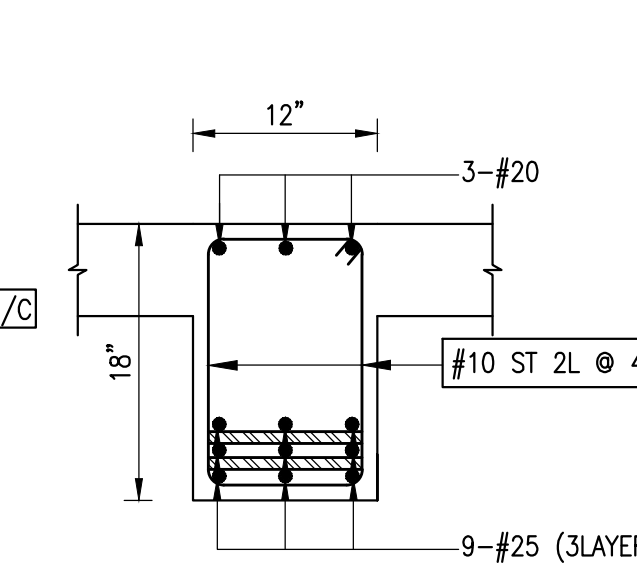
SEC AT '1-1'



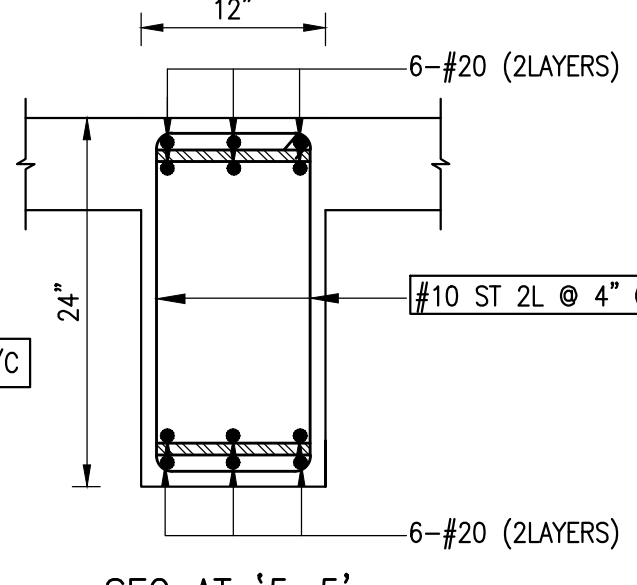
SEC AT '2-2'



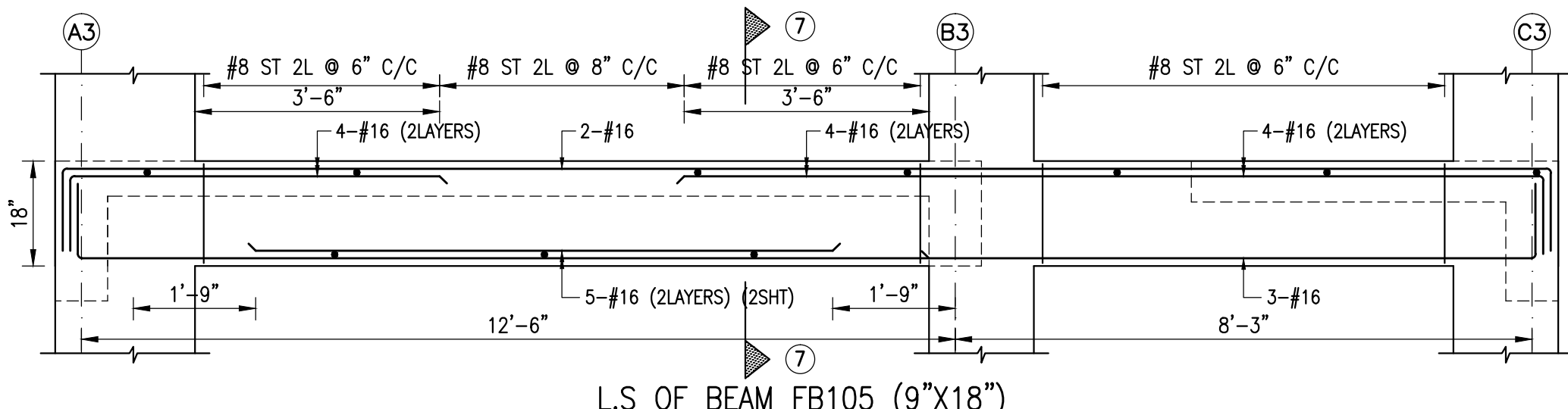
L.S. OF BEAM FB104 (12"X24") & (12"X18")



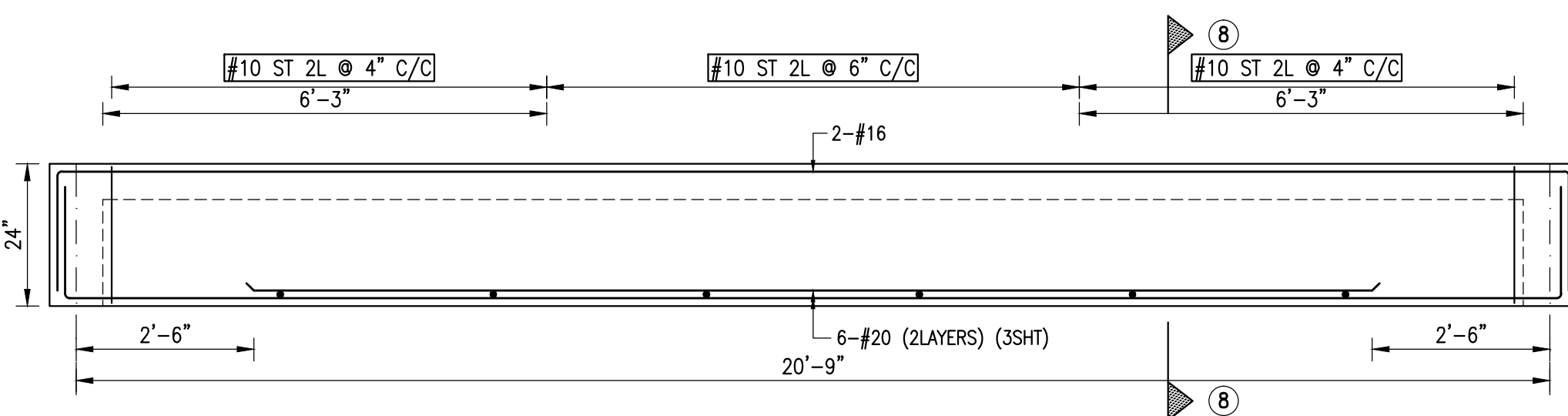
SEC AT '4-4'



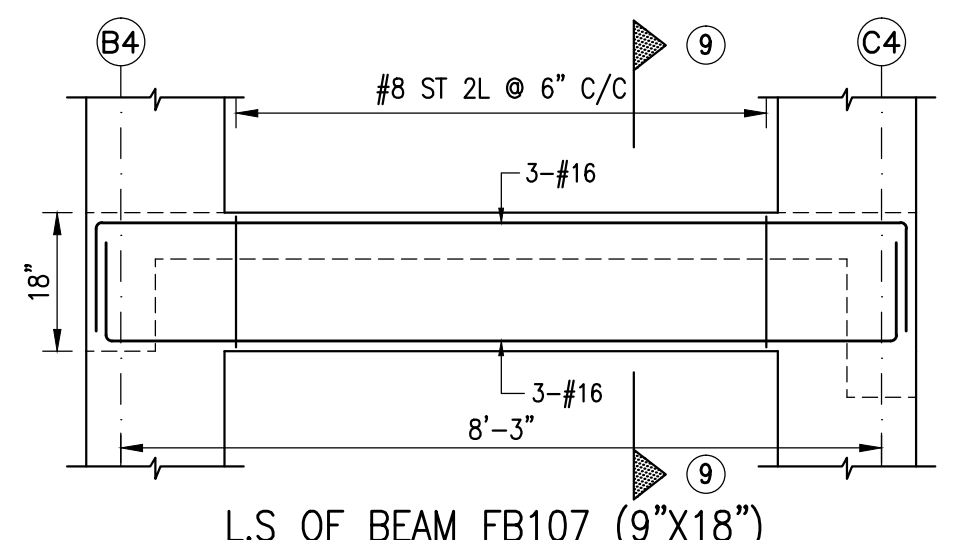
SEC AT '5-5'



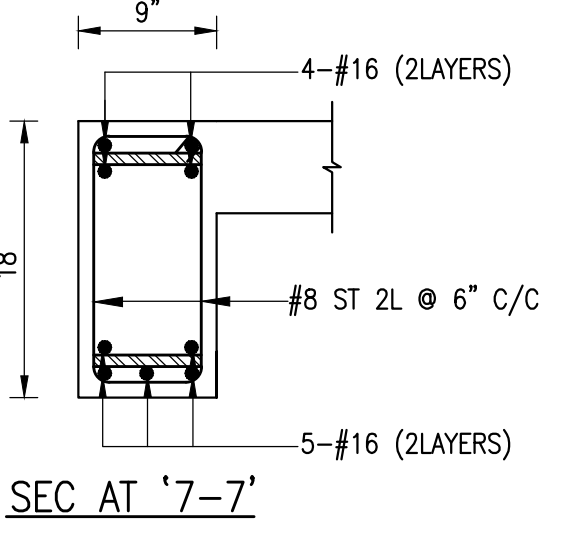
L.S. OF BEAM FB105 (9"X18")



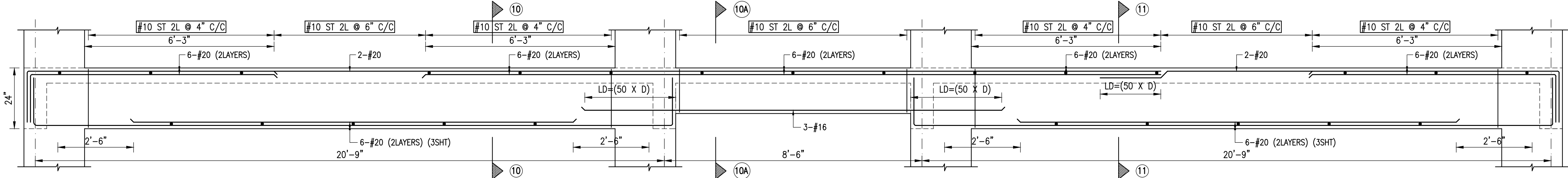
L.S. OF BEAM FB106 (12"X24")



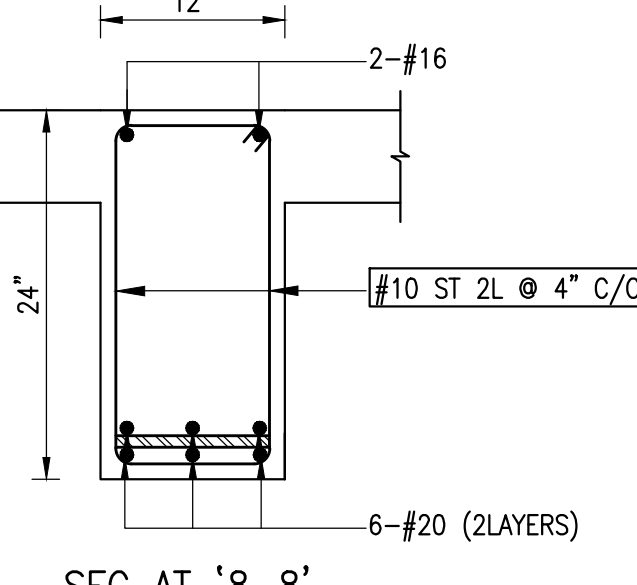
L.S. OF BEAM FB107 (9"X18")



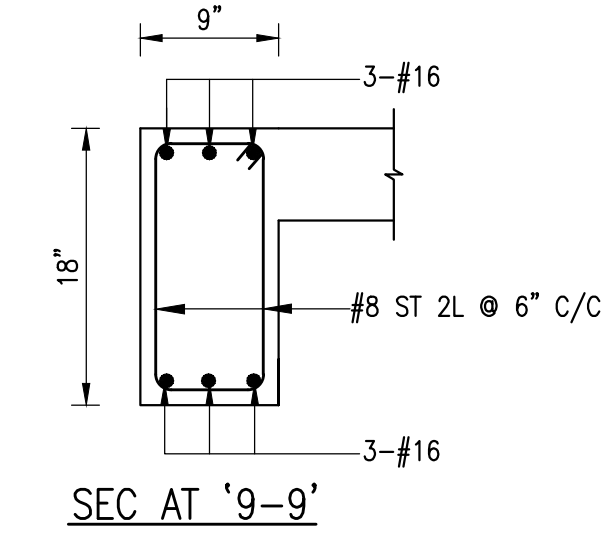
SEC AT '7-7'



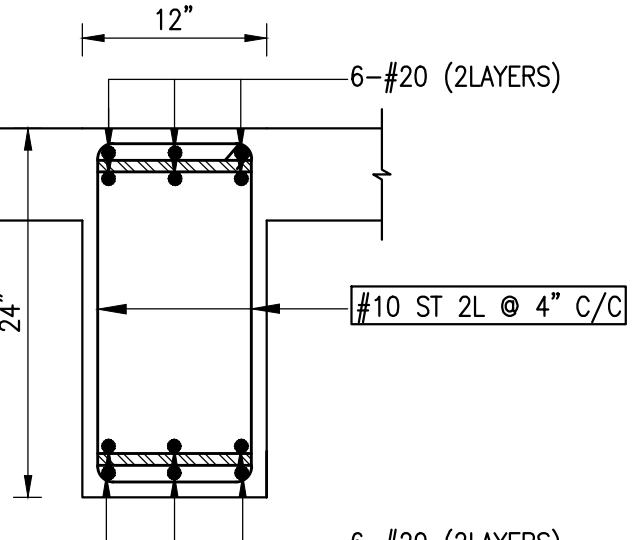
L.S. OF BEAM FB108 (12"X24") & (12"X18")



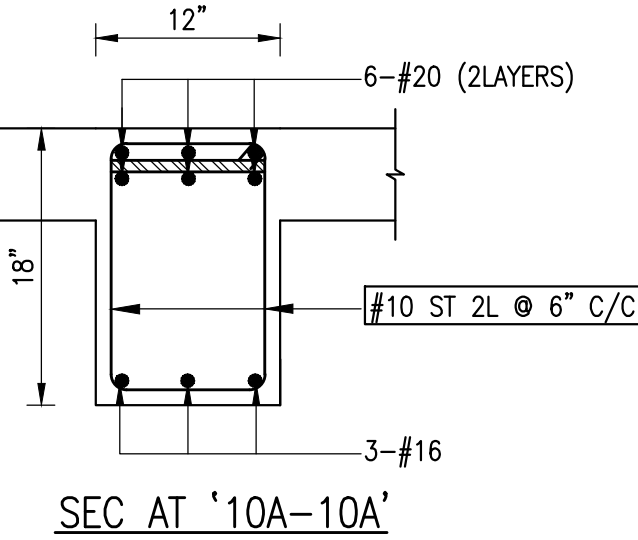
SEC AT '8-8'



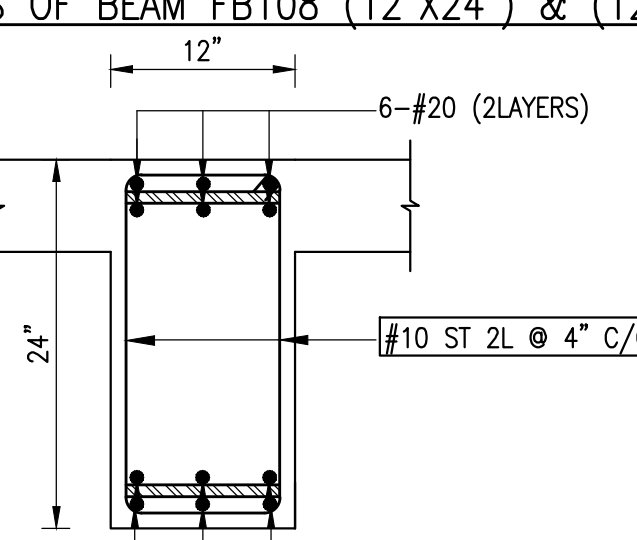
SEC AT '9-9'



SEC AT '10-10'



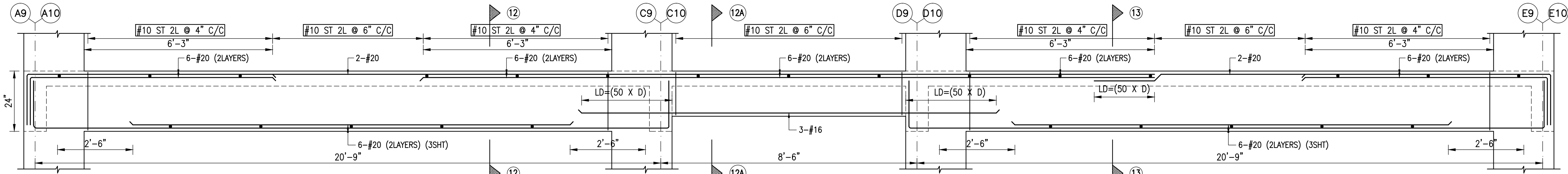
SEC AT '10A-10A'



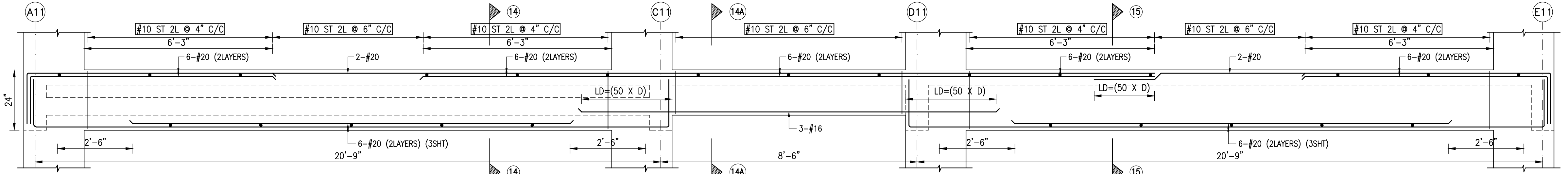
SEC AT '11-11'

- NOTES:**
- ALL DIMENSIONS ARE IN FEET & INCHES
 - USE TOR STEEL Fe 500D N/MM.²
 - MIX FOR CONCRETE M30
 - CLEAR COVER FOR BEAM : 25mm
 - PROVIDE SPACER BAR #25MM @ 3'-0" C/C WHEREVER RODS ARE SHOWN IN TWO LAYERS
 - LAPPING LENGTH OF BEAM SHOULD BE LD=(50 X D)

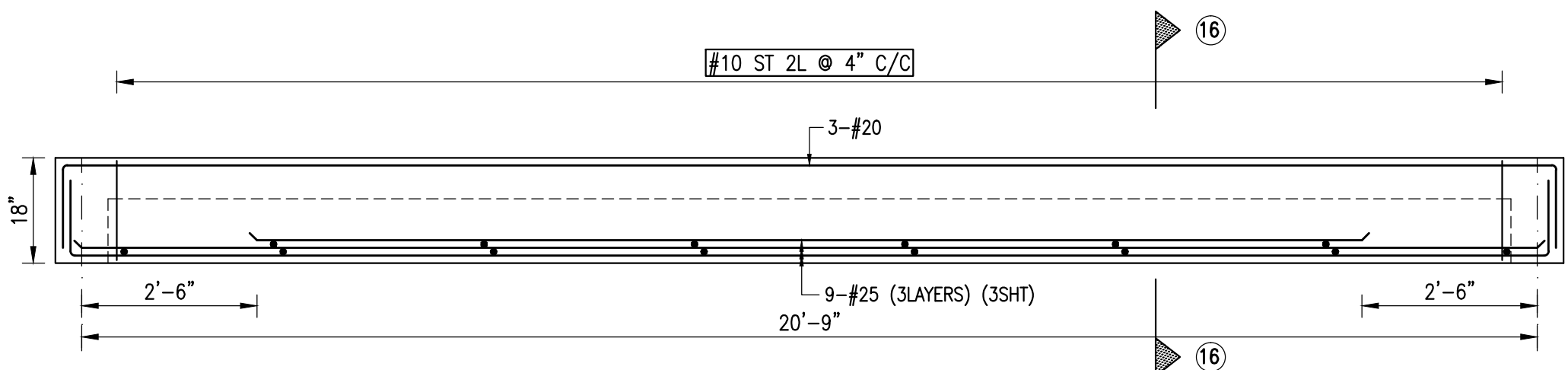
JOB NUMBER AND DRAWING NUMBER	1012	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
	9	
DESIGN	S.K.M	R.C.C DETAIL OF BEAM OVER GROUND FLOOR
DRAWN	S.V.K	
DATE	02/07/26	BUILDERS: SUPER FOUNDATION
SCALE	1"=2'-0"	
CHECKED AND APPROVED	M.E.T	 M.E.T & ASSOCIATES consulting engineers CIVIL, STRUCTURAL & PROJECTS NO.286/L, II FLOOR, P.H.ROAD, AMINIKARAI, CHENNAI-600 030. PH: 044-43032624, 9840239224 EMAIL: met_associates@yahoo.co.in



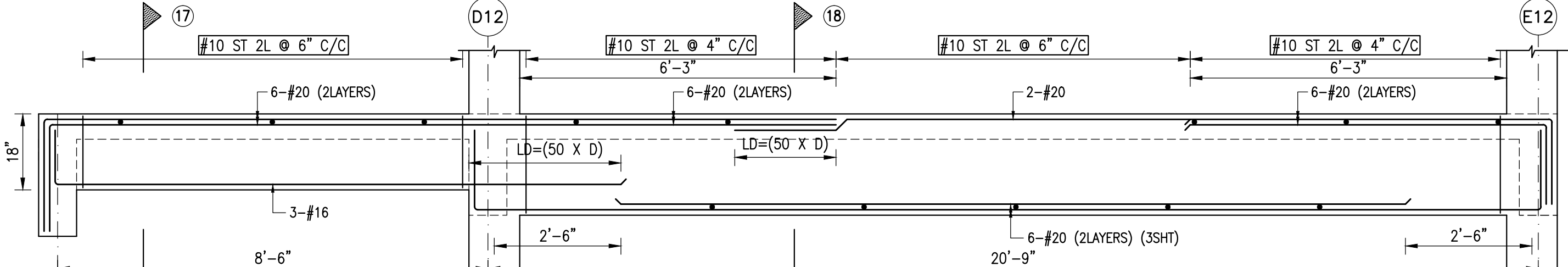
L.S OF BEAM FB109 (12"X24") & (12"X18")



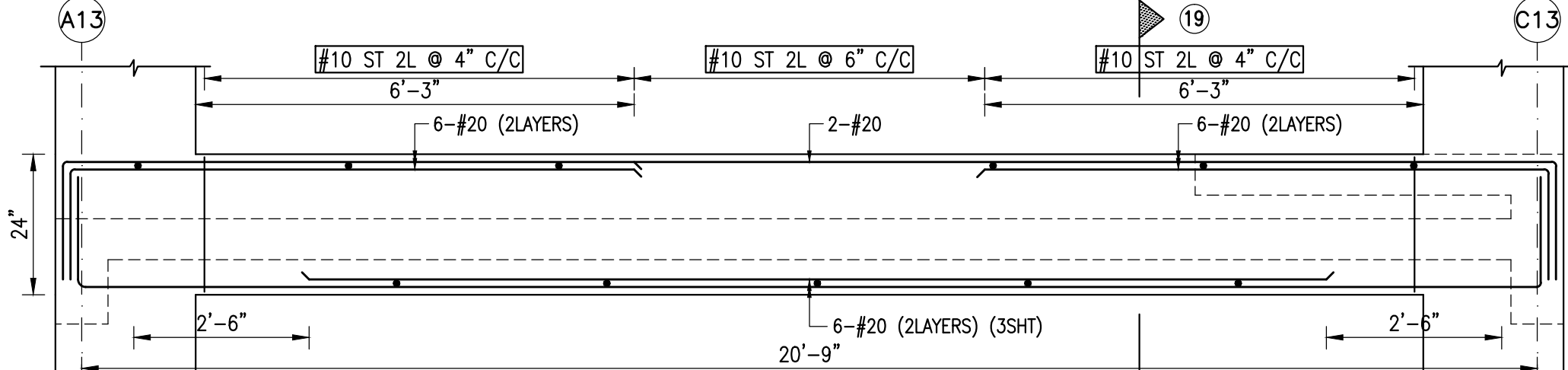
L.S OF BEAM FB110 (12"X24") & (12"X18")



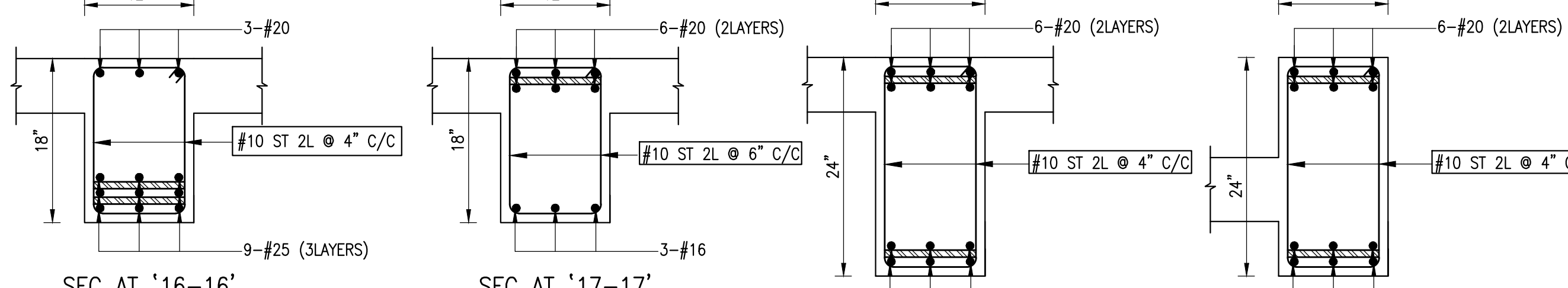
L.S OF BEAM FB111 (12"X18")



L.S OF BEAM FB112 (12"X24") & (12"X18")



L.S OF BEAM FB113 (12"X24")

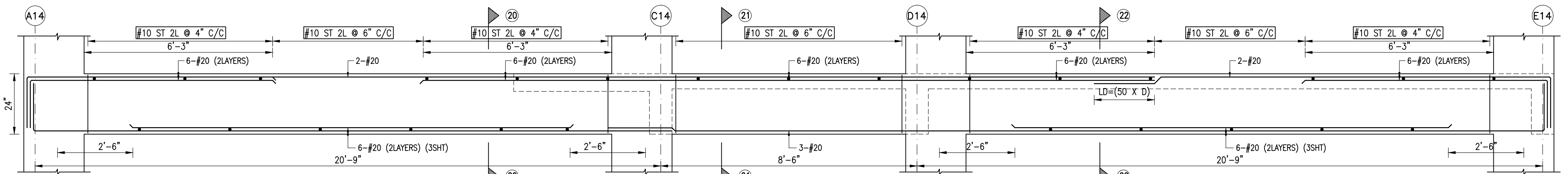


SEC AT '16-16'

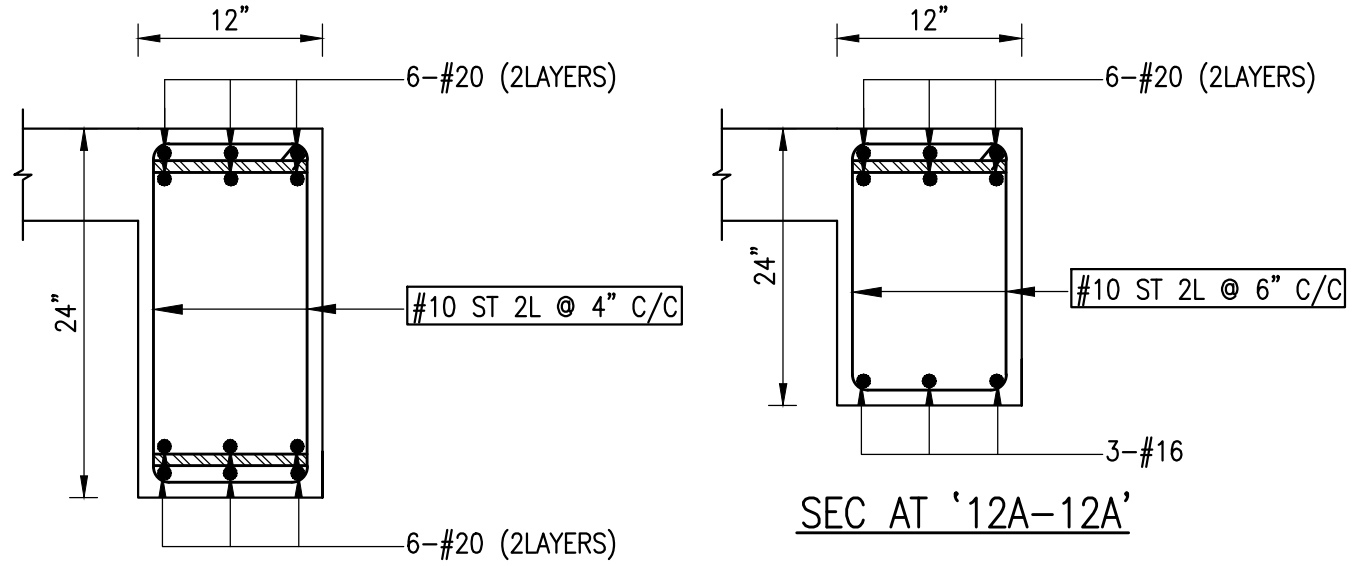
SEC AT '17-17'

SEC AT '18-18'

SEC AT '19-19'

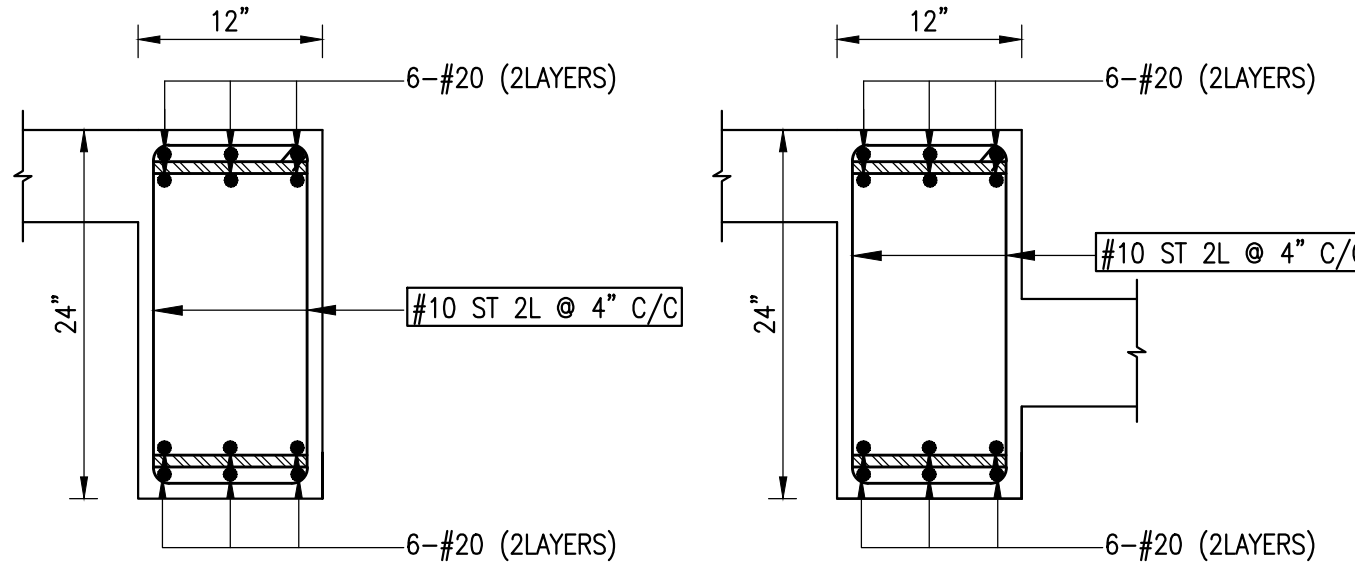


L.S OF BEAM FB114 (12"X24")



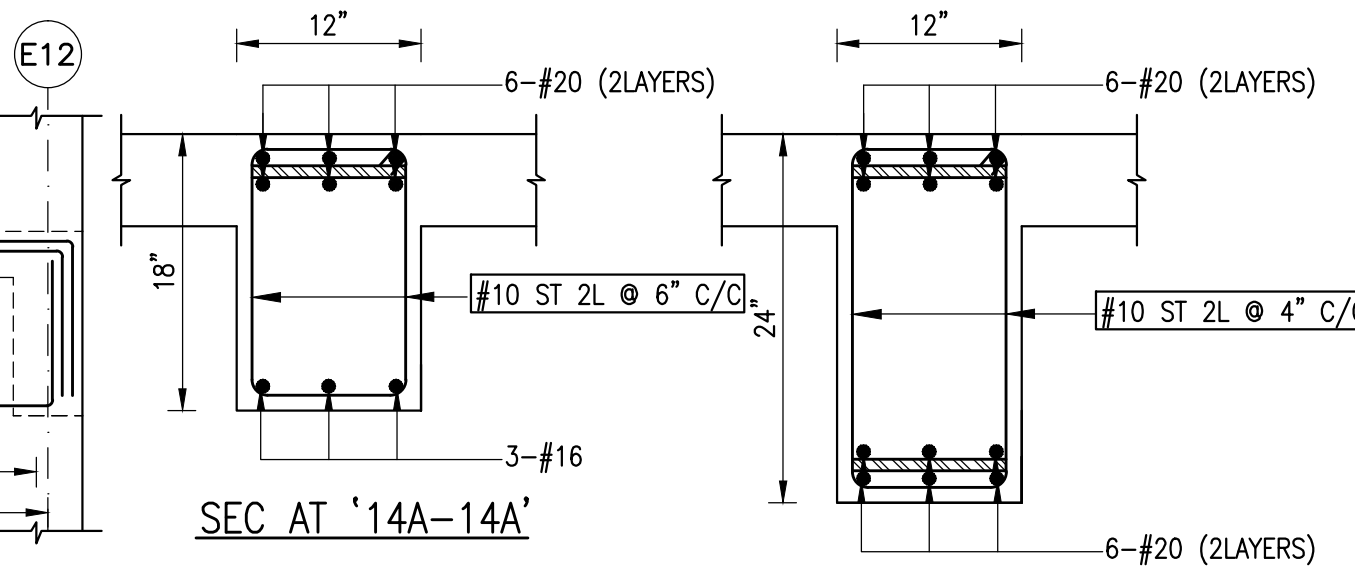
SEC AT '12-12'

SEC AT '12A-12A'



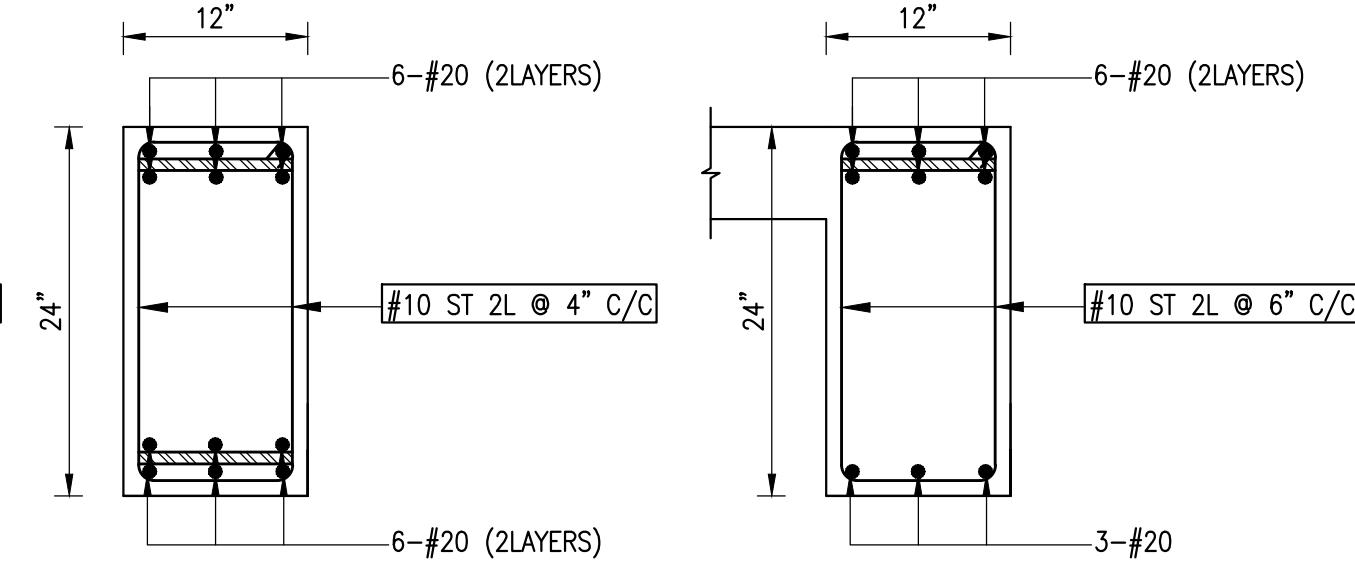
SEC AT '13-13'

SEC AT '14-14'



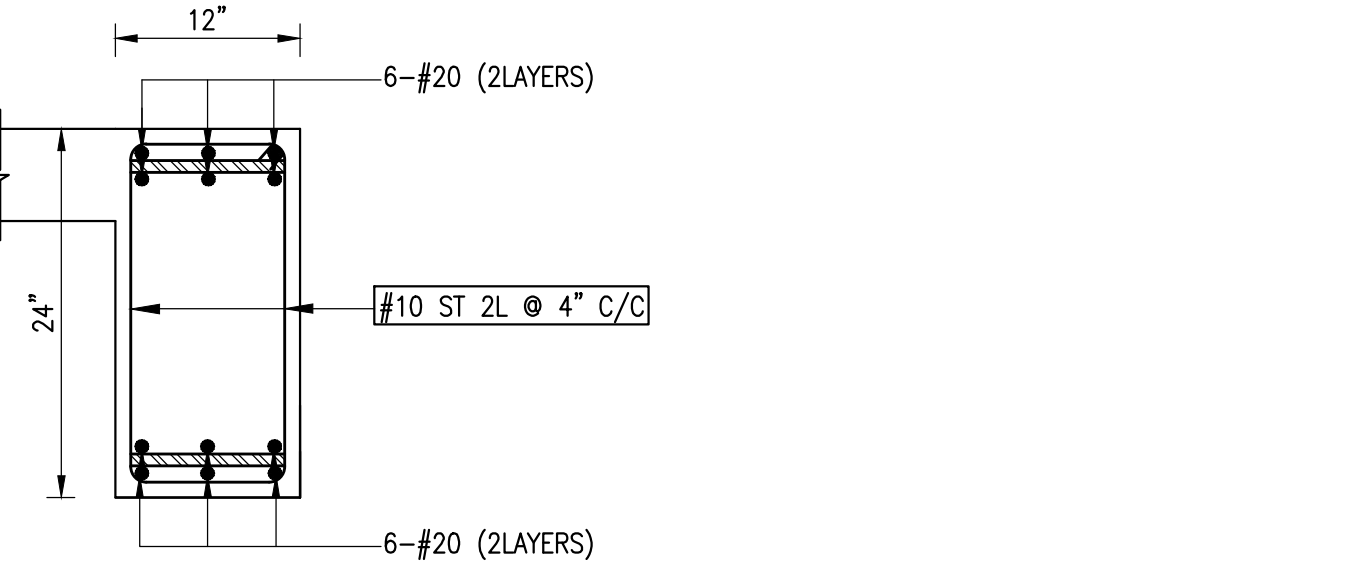
SEC AT '14A-14A'

SEC AT '15-15'



SEC AT '20-20'

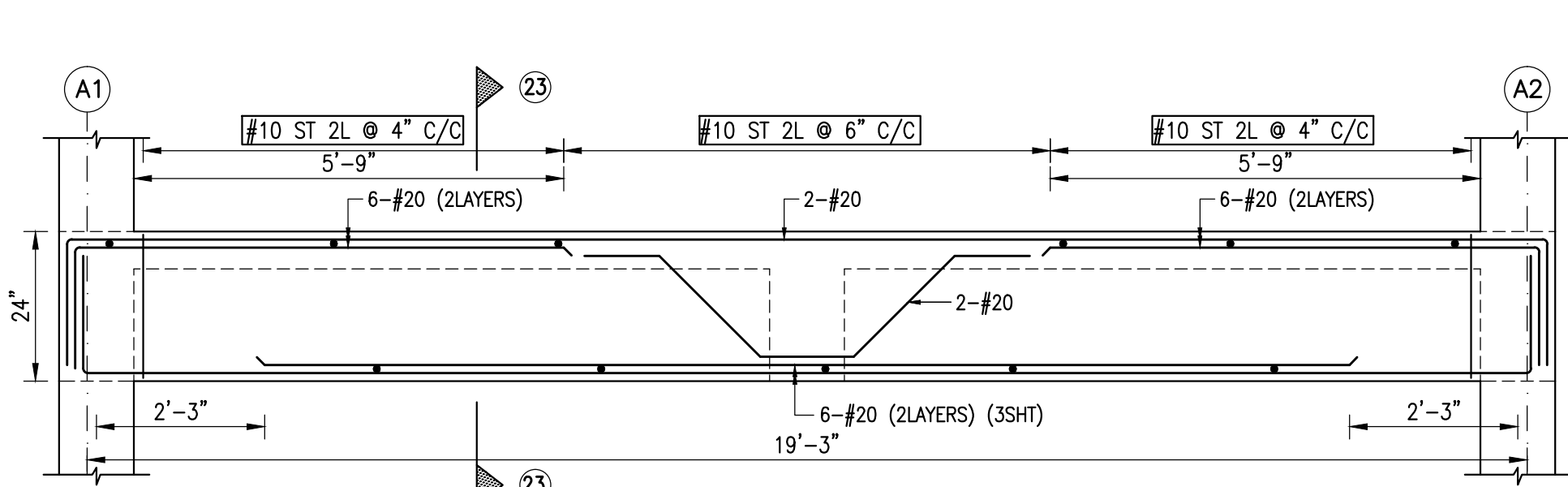
SEC AT '21-21'



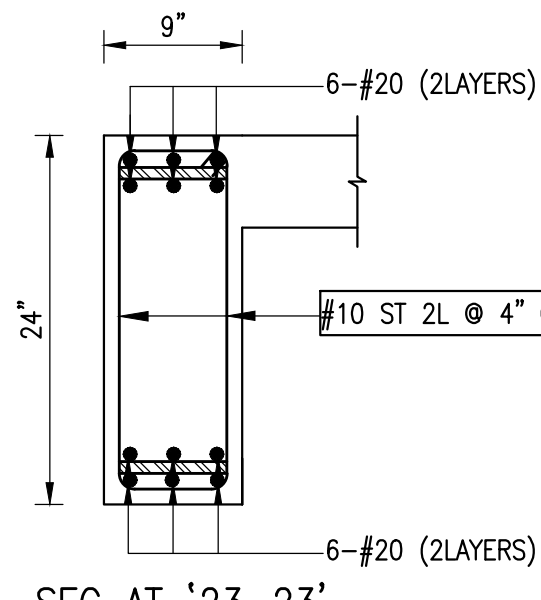
SEC AT '22-22'

- NOTES:**
- ALL DIMENSIONS ARE IN FEET & INCHES
 - USE TOR STEEL Fe 500D N/MM.²
 - MIX FOR CONCRETE M30
 - CLEAR COVER FOR BEAM : 25mm
 - PROVIDE SPACER BAR #25MM @ 3'-0" C/C WHEREVER RODS ARE SHOWN IN TWO LAYERS
 - LAPPING LENGTH OF BEAM SHOULD BE LD=(50 X D)

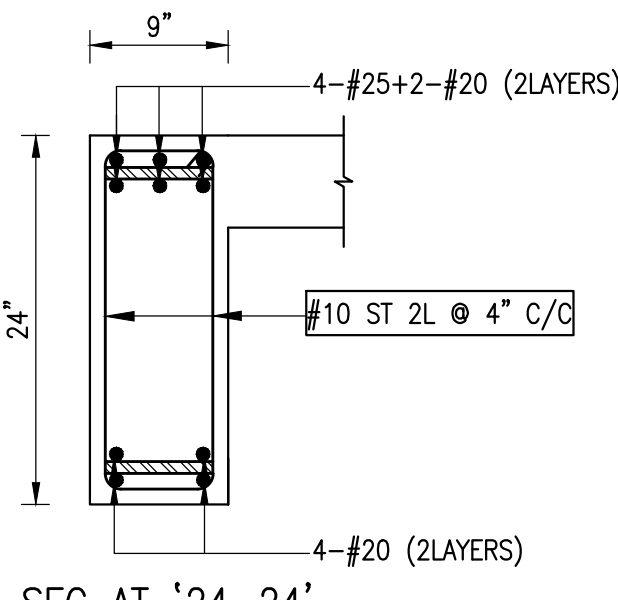
JOB NUMBER AND DRAWING NUMBER	1012	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
	10	
DESIGN	S.K.M	R.C.C DETAIL OF BEAM OVER GROUND FLOOR
DRAWN	S.V.K	
DATE	02/07/26	BUILDERS:
SCALE	1"=2'-0"	
CHECKED AND APPROVED	M.E.T	SUPER FOUNDATION M.E.T & ASSOCIATES consulting engineers CIVIL, STRUCTURAL & PROJECTS NO.286/1, II FLOOR, P.H.ROAD, AMINIKARAI, CHENNAI-600 030. PH: 044-43032624, 9840299224 EMAIL: met_associates@yahoo.co.in



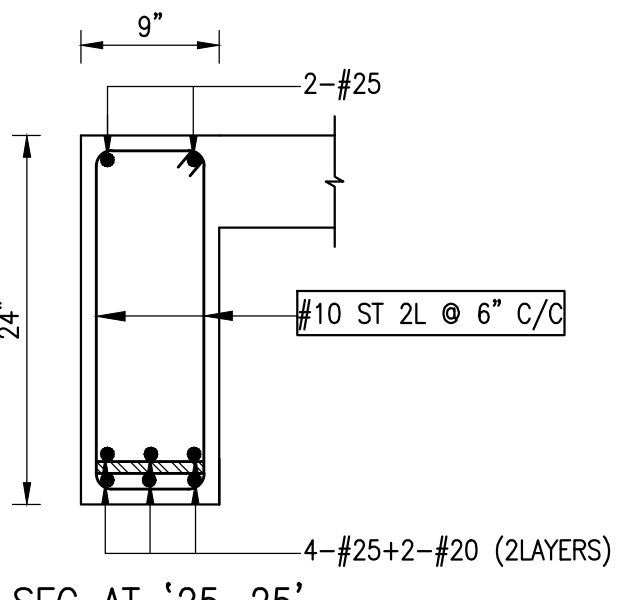
L.S OF BEAM FB115 (9"X24")



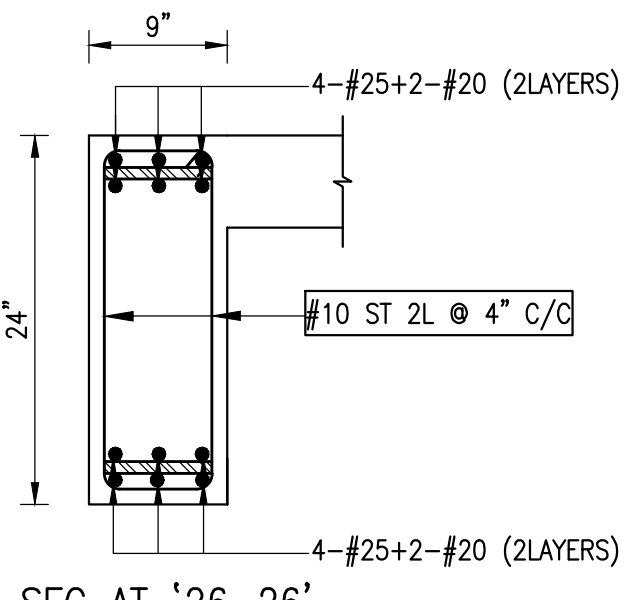
SEC AT '23-23'



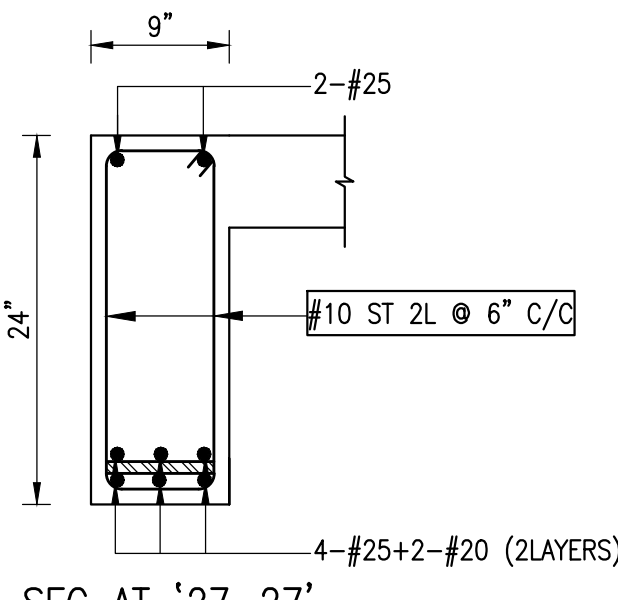
SEC AT '24-24'



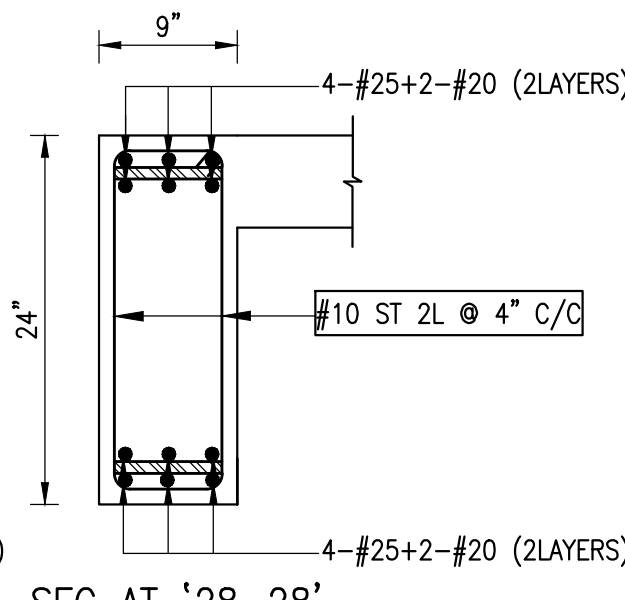
SEC AT '25-25'



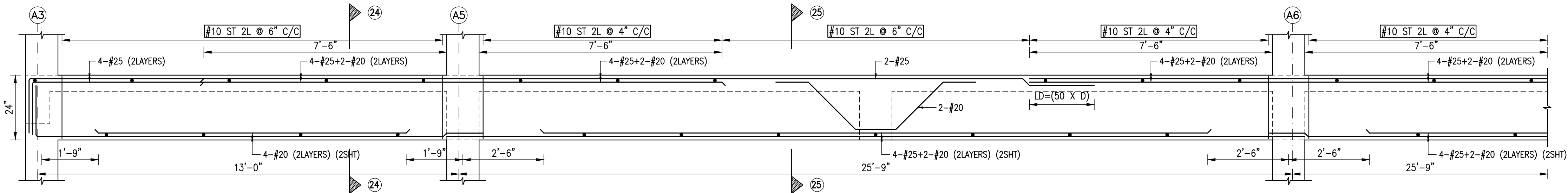
SEC AT '26-26'



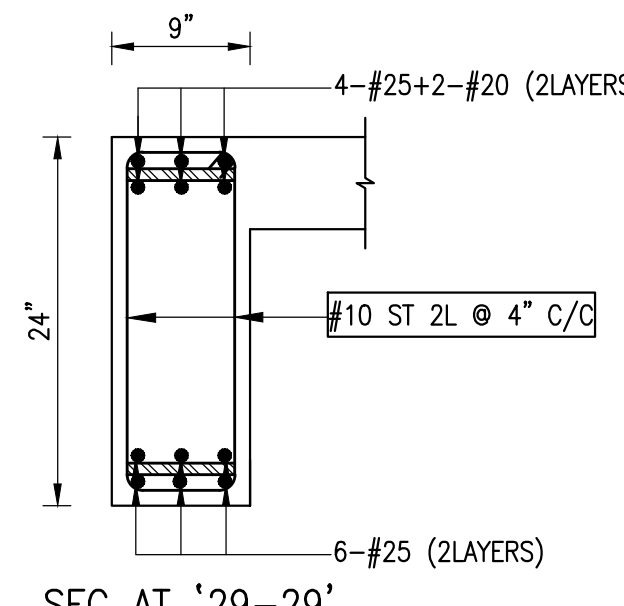
SEC AT '27-27'



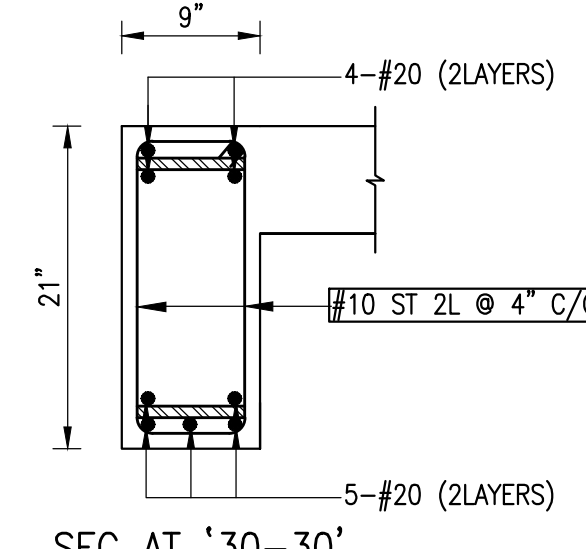
SEC AT '28-28'



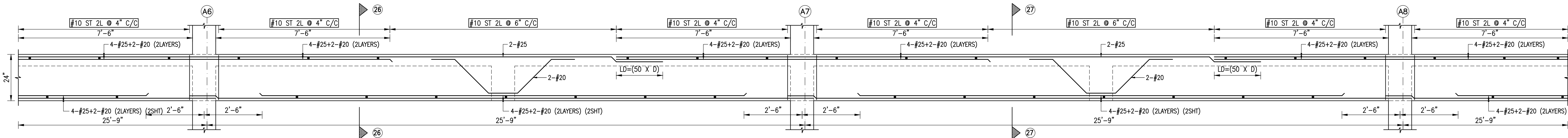
L.S OF BEAM FB116 (9"X24")



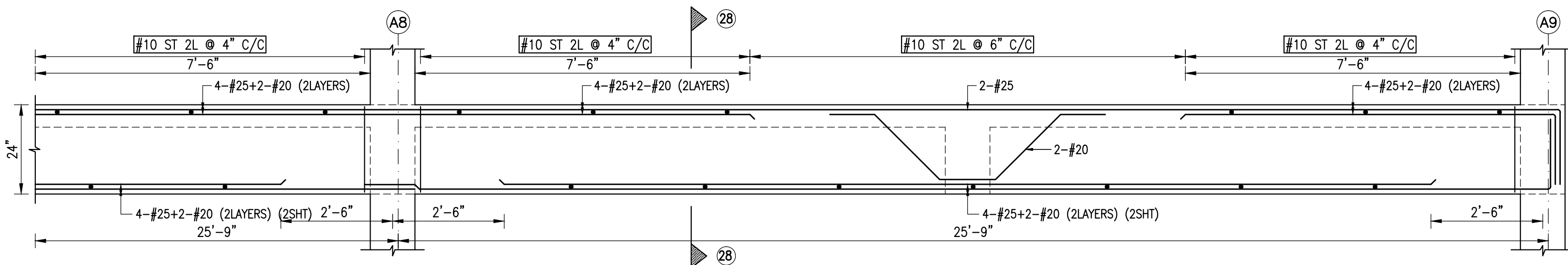
SEC AT '29-29'



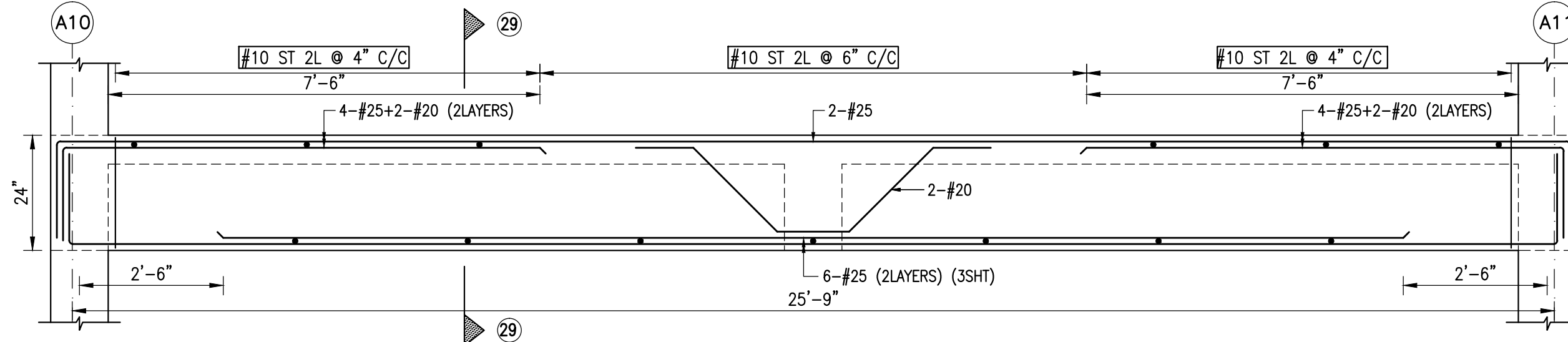
SEC AT '30-30'



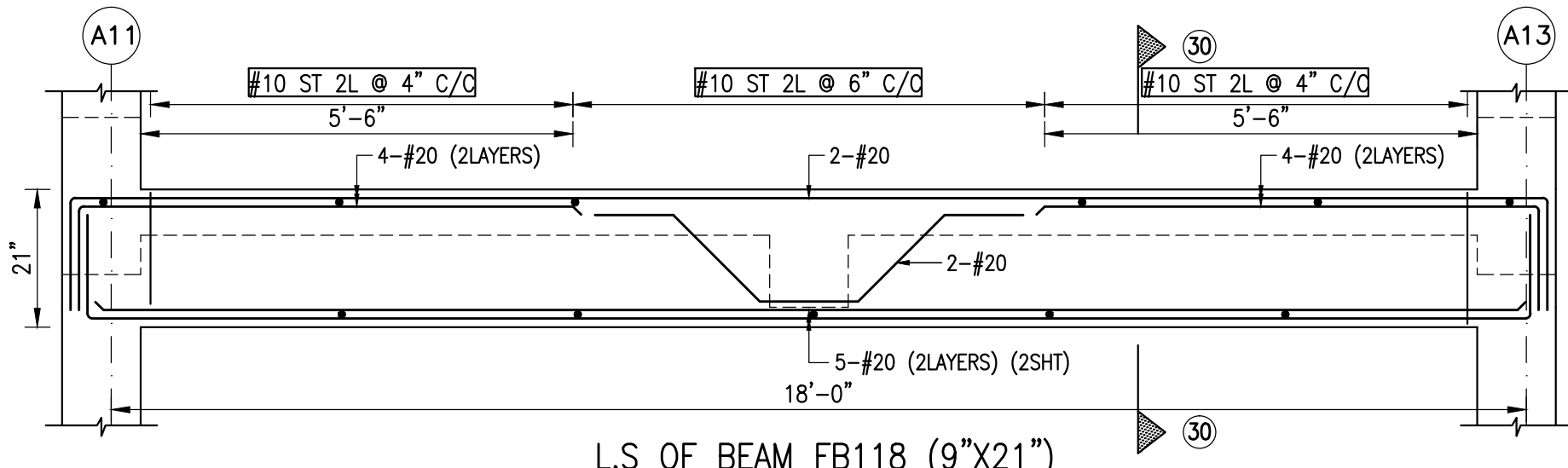
L.S OF BEAM FB116 (9"X24")



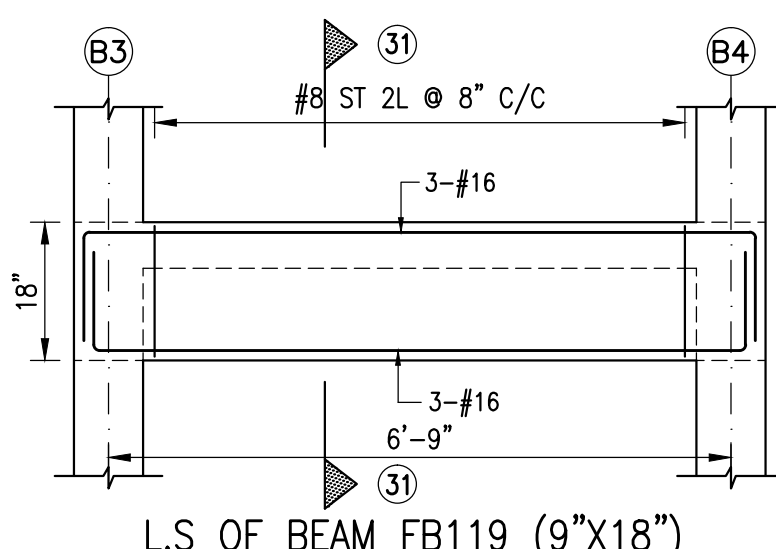
L.S OF BEAM FB116 (9"X24")



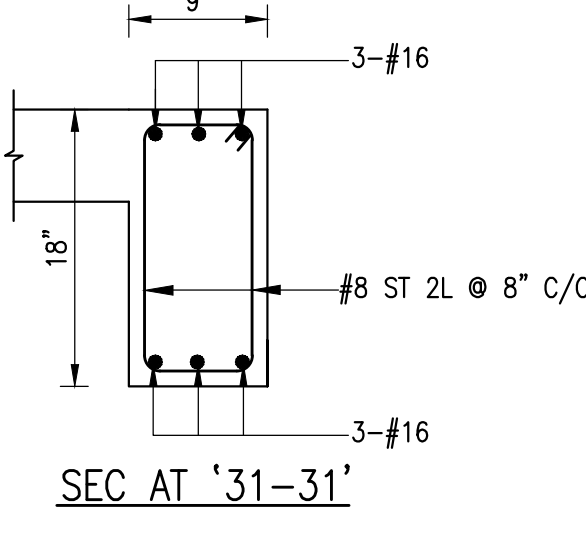
L.S OF BEAM FB117 (9"X24")



L.S OF BEAM FB118 (9"X21")



L.S OF BEAM FB119 (9"X18")

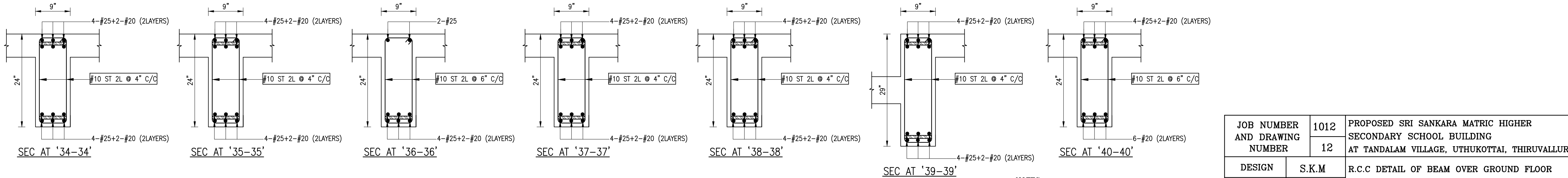
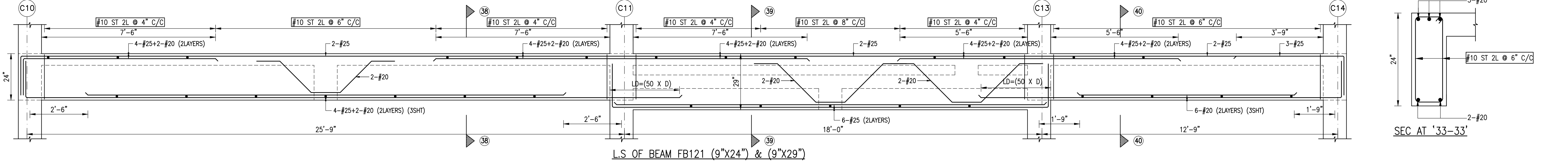
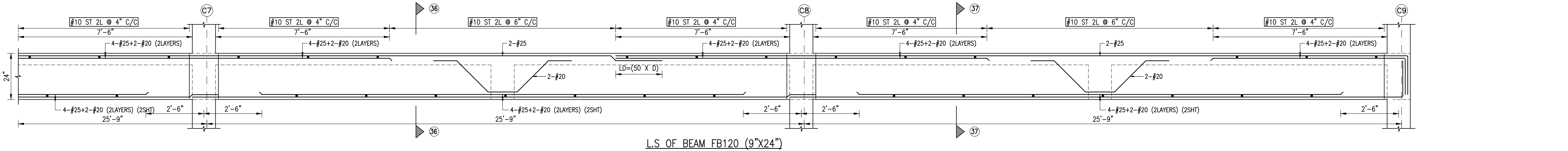
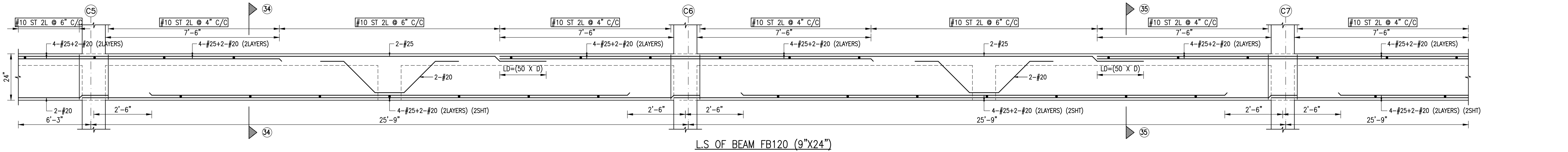
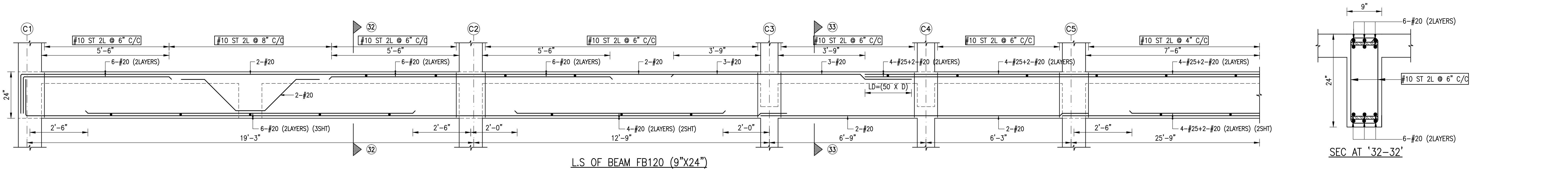


SEC AT '31-31'

NOTES:

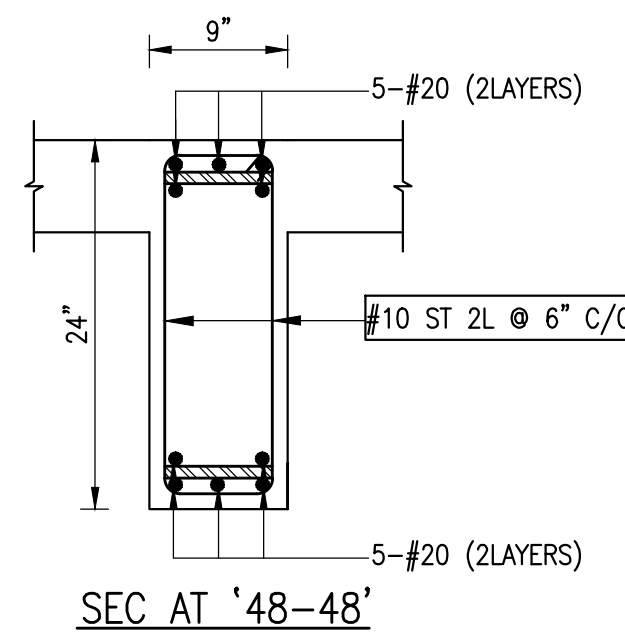
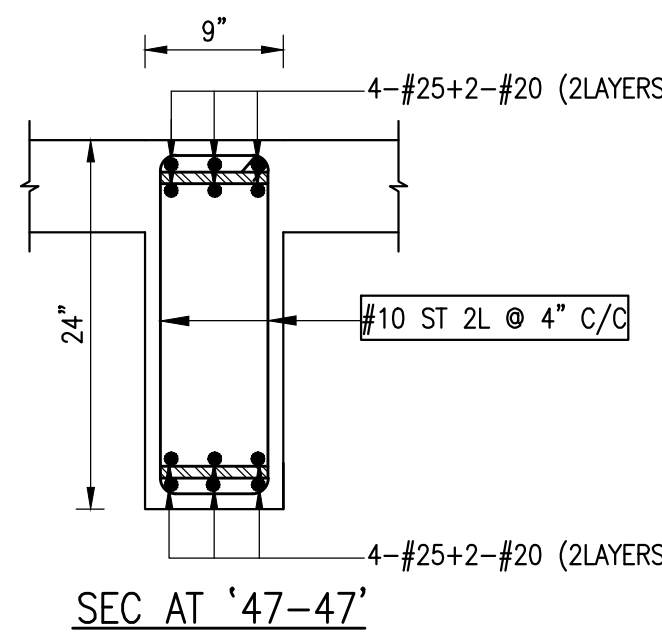
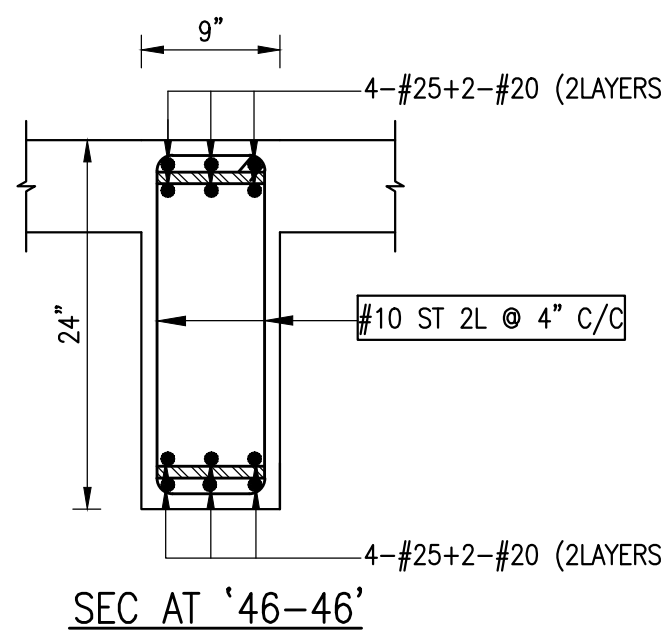
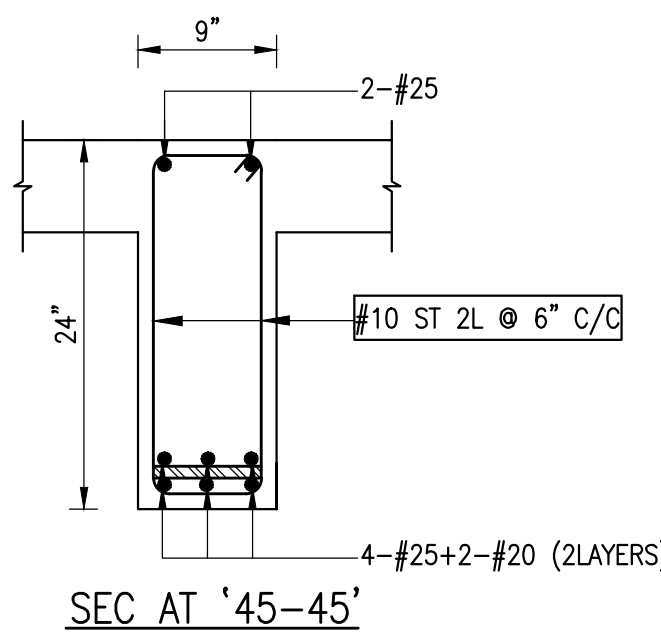
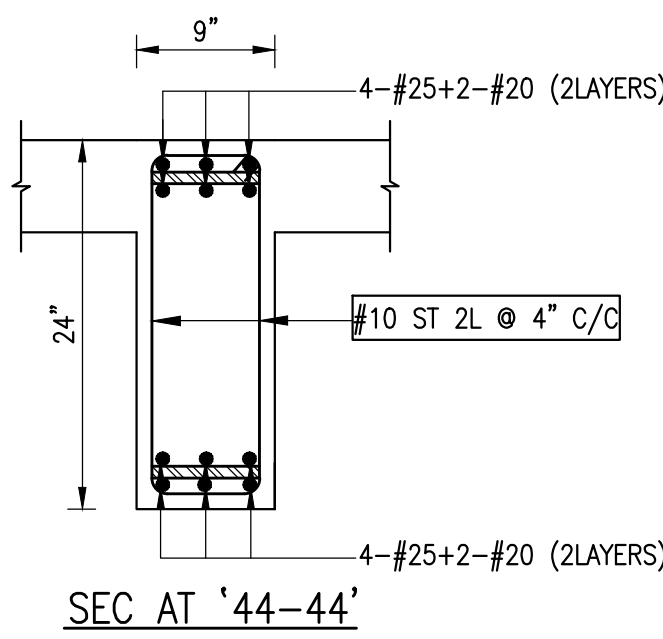
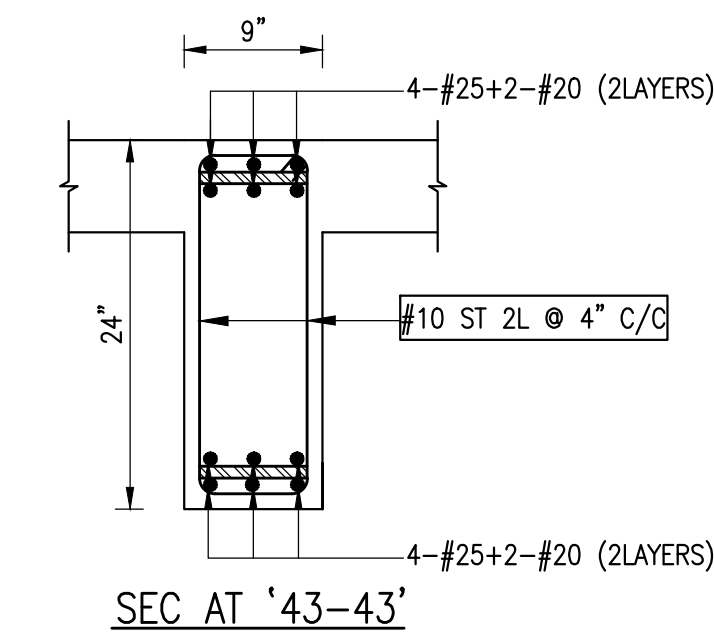
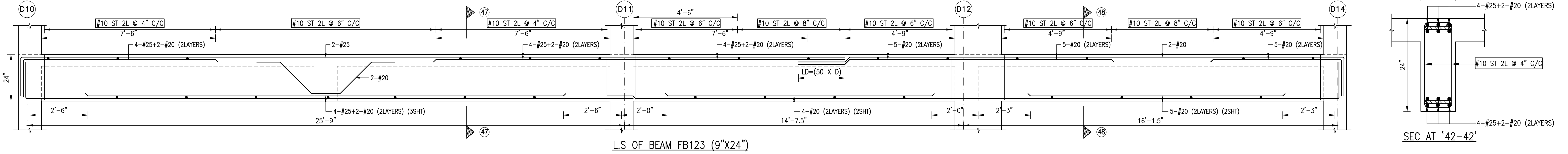
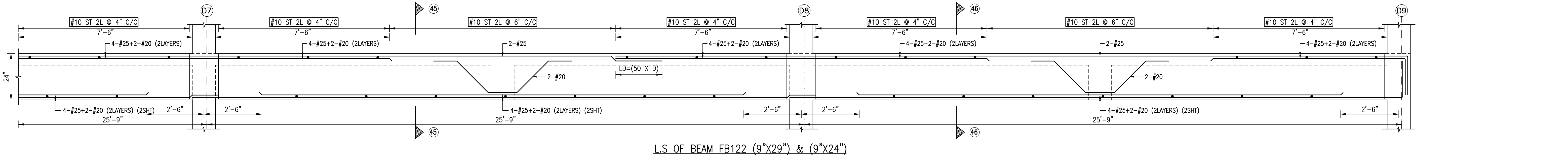
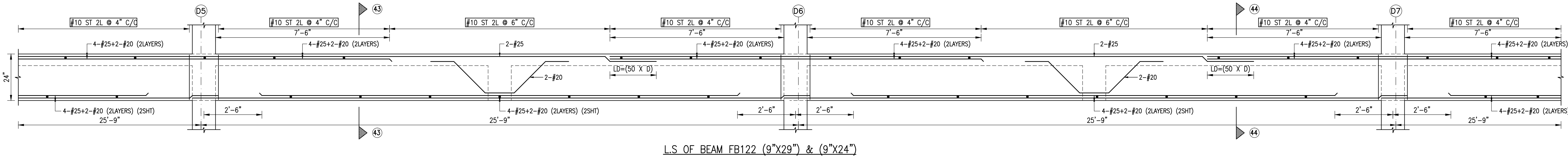
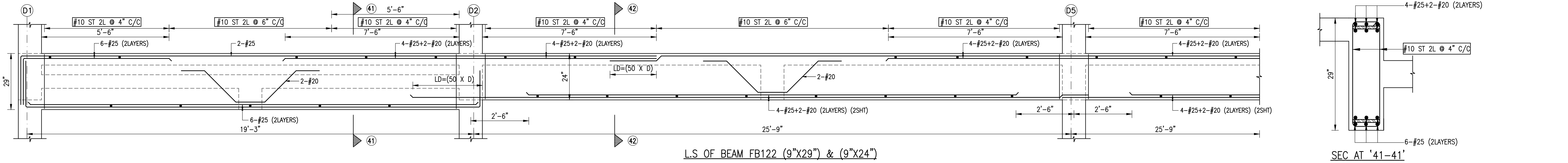
- ALL DIMENSIONS ARE IN FEET & INCHES
- USE TOR STEEL Fe 500D N/MM²
- MIX FOR CONCRETE M30
- CLEAR COVER FOR BEAM : 25mm
- PROVIDE SPACER BAR #25MM @ 3'-0" C/C WHEREVER RODS ARE SHOWN IN TWO LAYERS
- LAPPING LENGTH OF BEAM SHOULD BE LD=(50 X D)

JOB NUMBER AND DRAWING NUMBER	1012	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
	11	
DESIGN	S.K.M	R.C.C DETAIL OF BEAM OVER GROUND FLOOR
DRAWN	S.V.K	BUILDERS:
DATE	02/07/26	SUPER FOUNDATION  M.E.T & ASSOCIATES consulting engineers CIVIL, STRUCTURAL & PROJECTS NO.286/1, II FLOOR, P.H.ROAD, AMINIKARAI, CHENNAI-600 030. PH: 044-43032624, 9840298224 EMAIL: met_associates@yahoo.co.in
SCALE	1"=2'-0"	
CHECKED AND APPROVED	M.E.T	



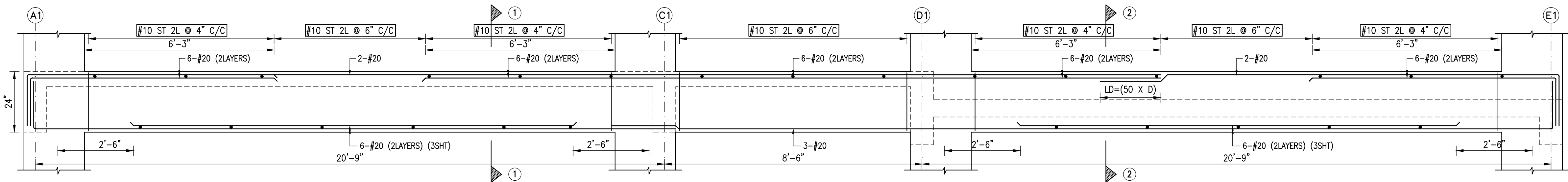
- NOTES:**
- ALL DIMENSIONS ARE IN FEET & INCHES
 - USE TOR STEEL Fe 500D N/MM²
 - MIX FOR CONCRETE M30
 - CLEAR COVER FOR BEAM : 25mm
 - PROVIDE SPACER BAR #25MM @ 3'-0" C/C WHEREVER RODS ARE SHOWN IN TWO LAYERS
 - LAPPING LENGTH OF BEAM SHOULD BE LD=(50 X D)

JOB NUMBER AND DRAWING NUMBER	1012	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
	12	
DESIGN	S.K.M	R.C.C DETAIL OF BEAM OVER GROUND FLOOR
DRAWN	S.V.K	
DATE	02/07/26	BUILDERS:
SCALE	1"=2'-0"	
CHECKED AND APPROVED	M.E.T	 M.E.T & ASSOCIATES consulting engineers CIVIL, STRUCTURAL & PROJECTS NO:286/1, II FLOOR, P.H.ROAD, AMINIKARAI, CHENNAI-600 030. PH: 044-43032624, 9840239224 EMAIL: met_associates@yahoo.co.in

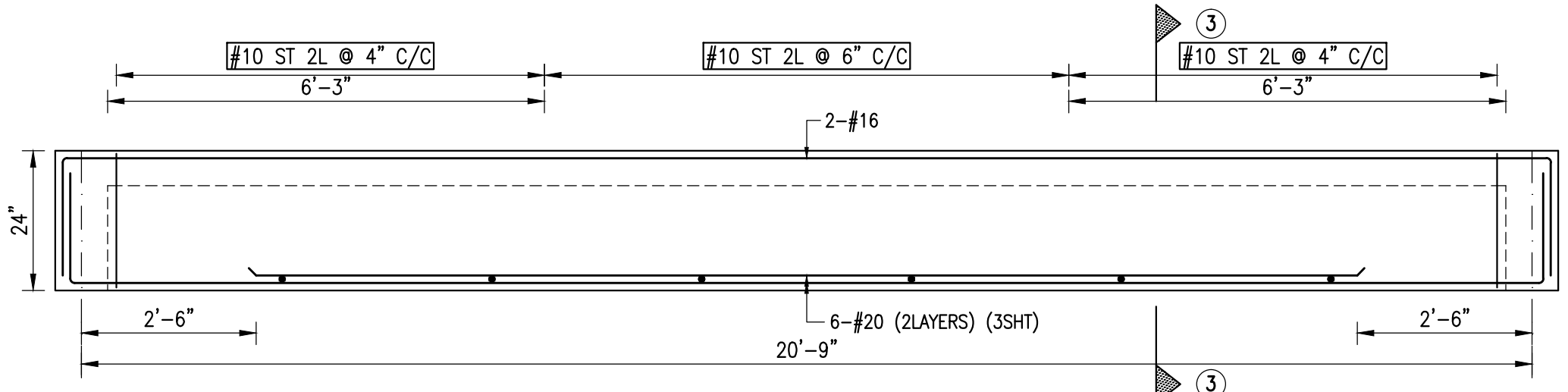


- NOTES:**
1. ALL DIMENSIONS ARE IN FEET & INCHES
 2. USE TOR STEEL Fe 500D N/MM.²
 3. MIX FOR CONCRETE M30
 4. CLEAR COVER FOR BEAM : 25mm
 5. PROVIDE SPACER BAR #25MM @ 3'-0" C/C WHEREVER RODS ARE SHOWN IN TWO LAYERS
 6. LAPPING LENGTH OF BEAM SHOULD BE LD=(50 X D)

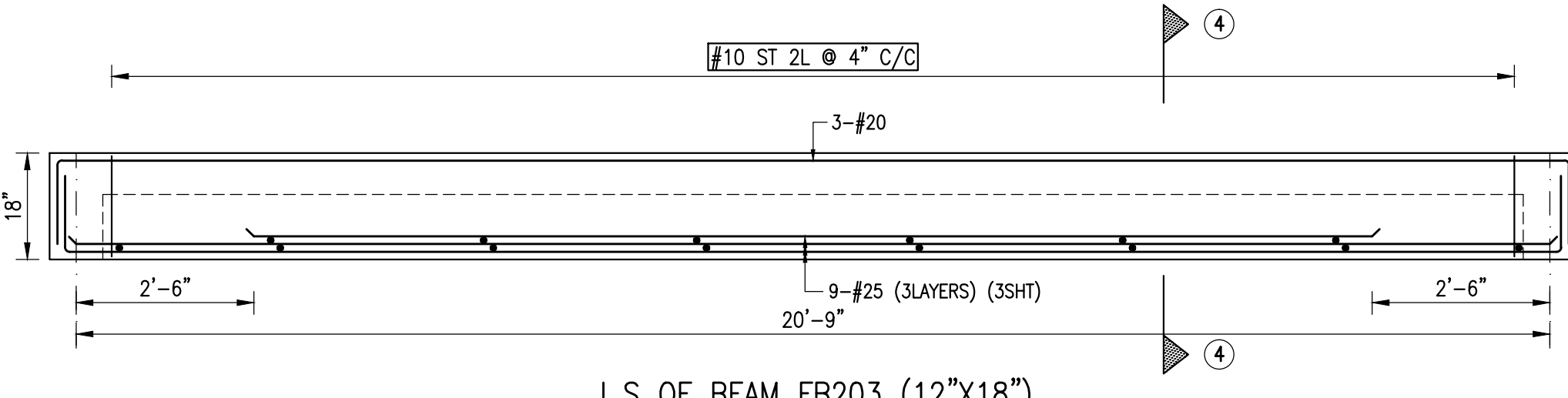
JOB NUMBER AND DRAWING NUMBER	1012	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
	13	
DESIGN	S.K.M	R.C.C DETAIL OF BEAM OVER GROUND FLOOR
DRAWN	S.V.K	BUILDERS:
DATE	02/07/26	SUPER FOUNDATION
SCALE	1"=2'-0"	
CHECKED AND APPROVED	M.E.T	 M.E.T & ASSOCIATES consulting engineers CIVIL, STRUCTURAL & PROJECTS NO.286/1, II FLOOR, P.H.ROAD, AMINIKARAI, CHENNAI-600 030. PE: 044-43032624, 9840239224 EMAIL: met_associates@yahoo.co.in



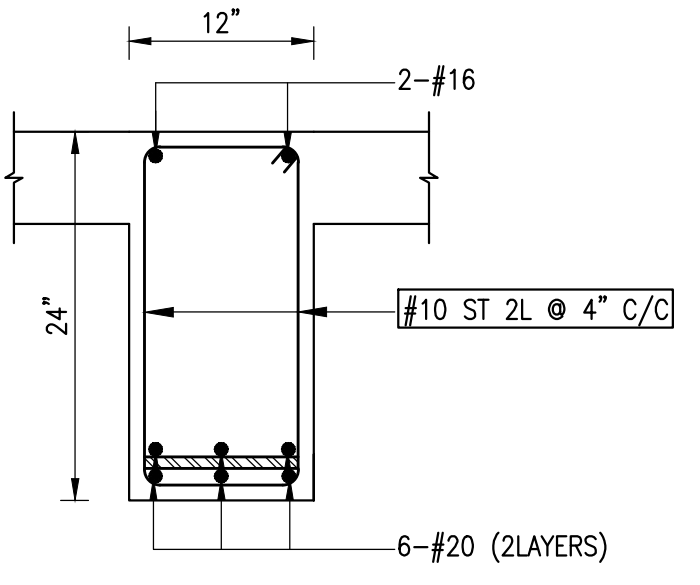
L.S. OF BEAM FB201 (12"X24")



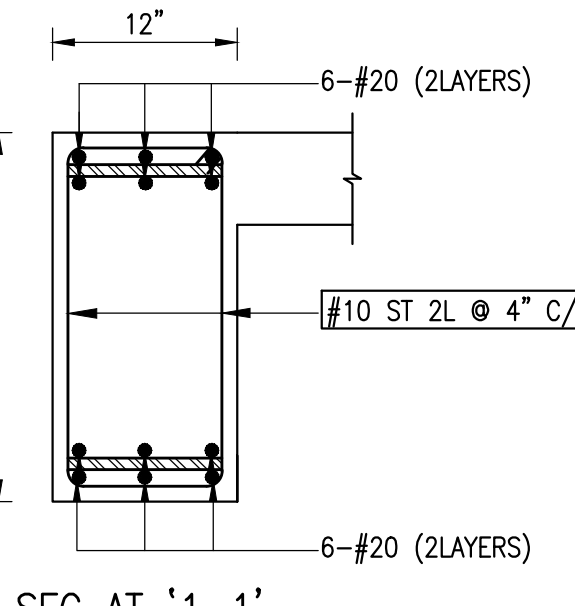
L.S. OF BEAM FB202 (12"X24")



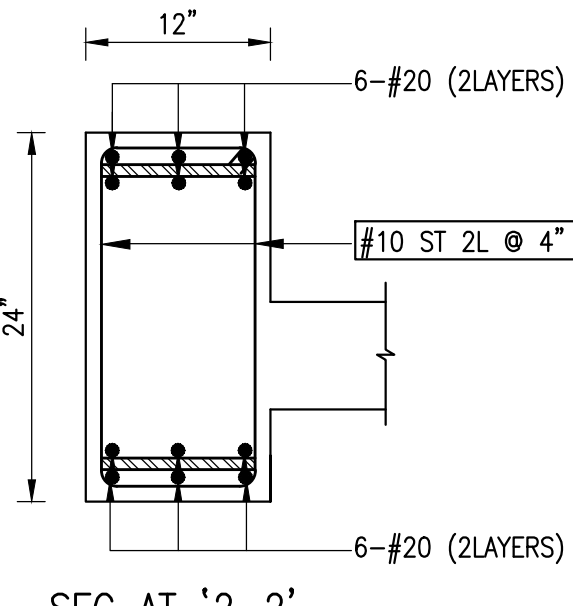
L.S. OF BEAM FB203 (12"X18")



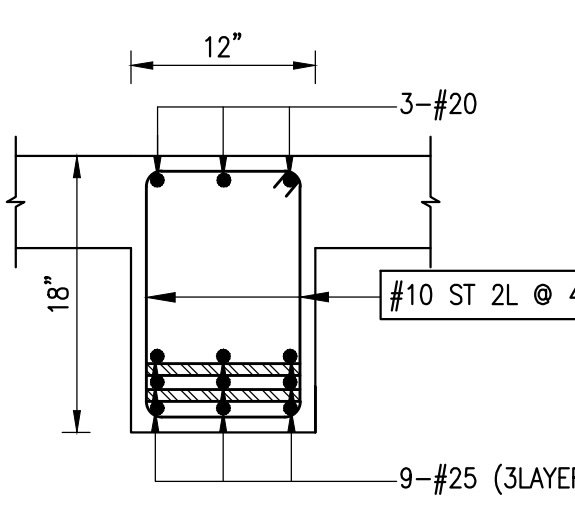
SEC AT '3-3'



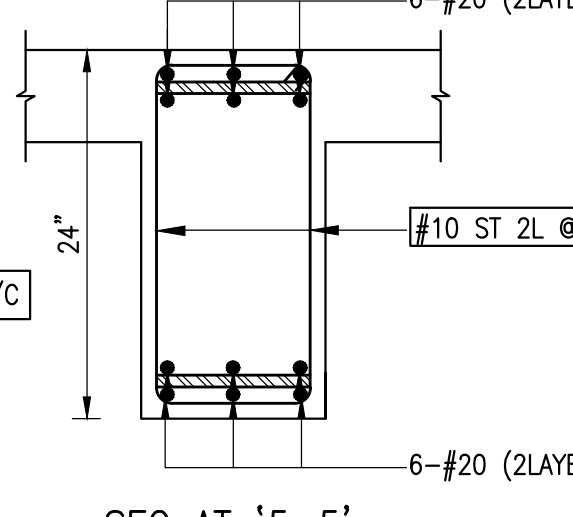
SEC AT '1-1'



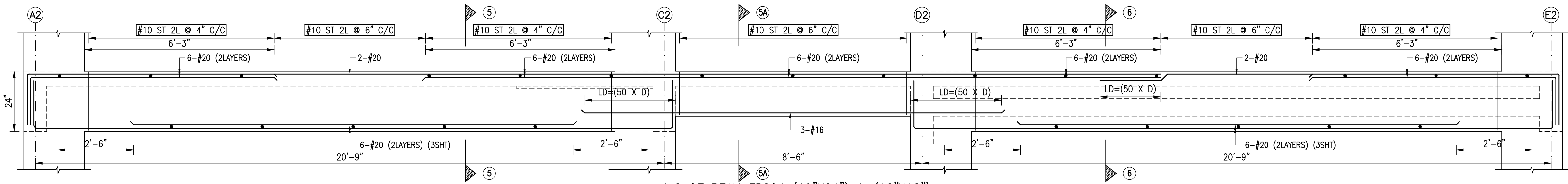
SEC AT '2-2'



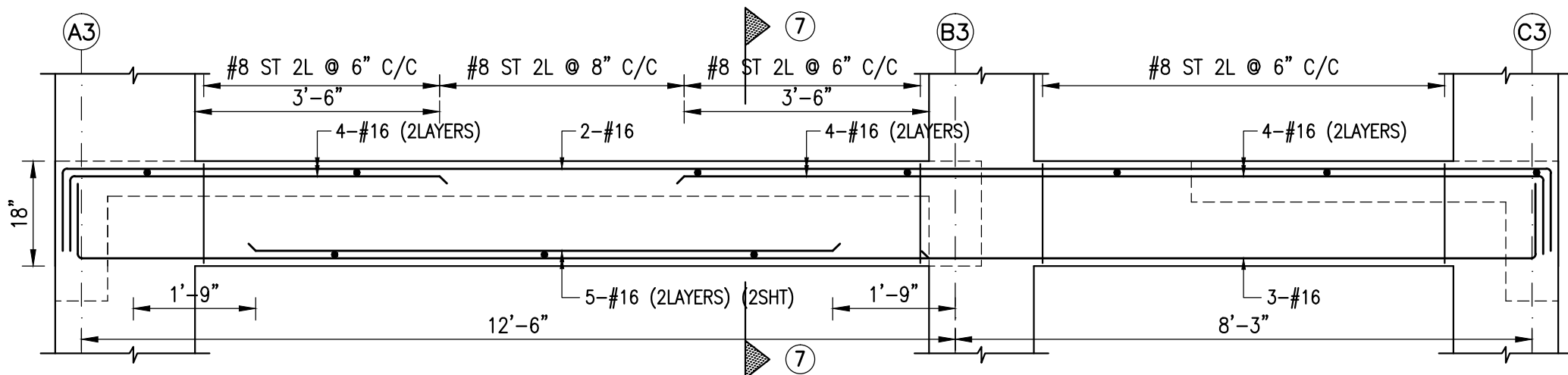
SEC AT '4-4'



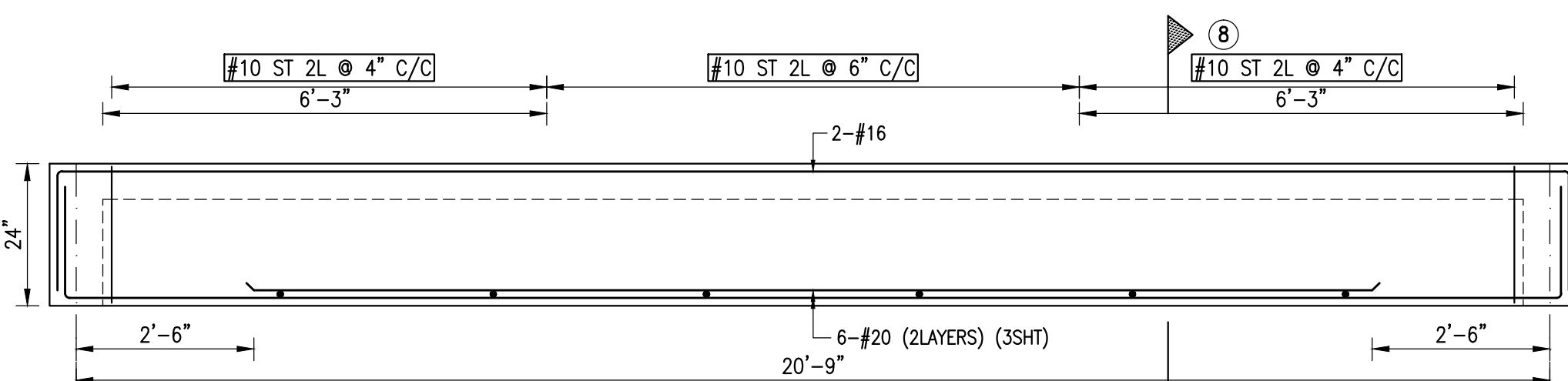
SEC AT '5-5'



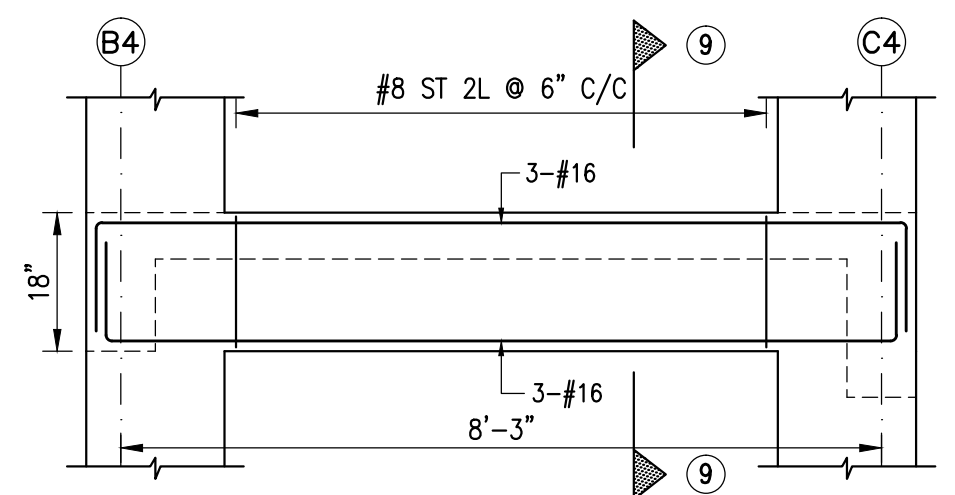
L.S. OF BEAM FB204 (12"X24") & (12"X18")



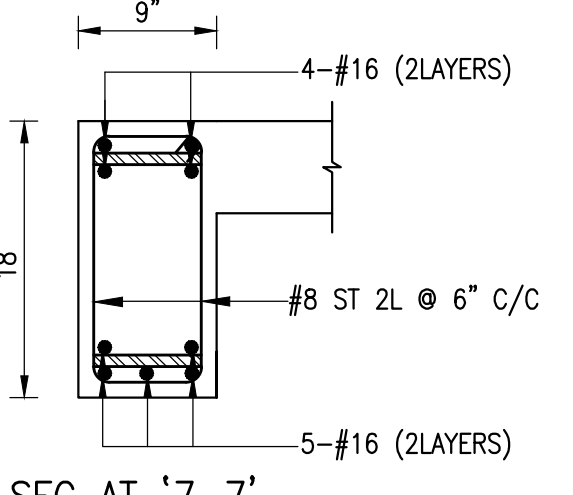
L.S. OF BEAM FB205 (9"X18")



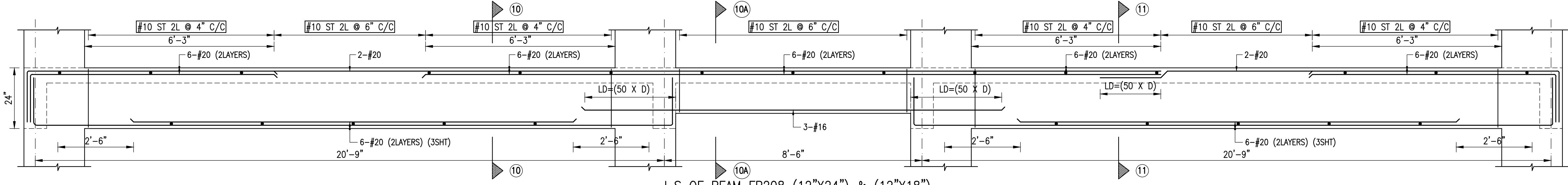
L.S. OF BEAM FB206 (12"X24")



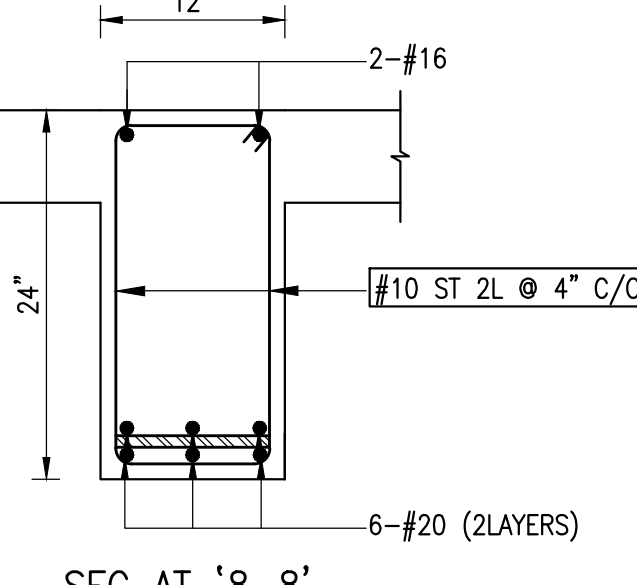
L.S. OF BEAM FB207 (9"X18")



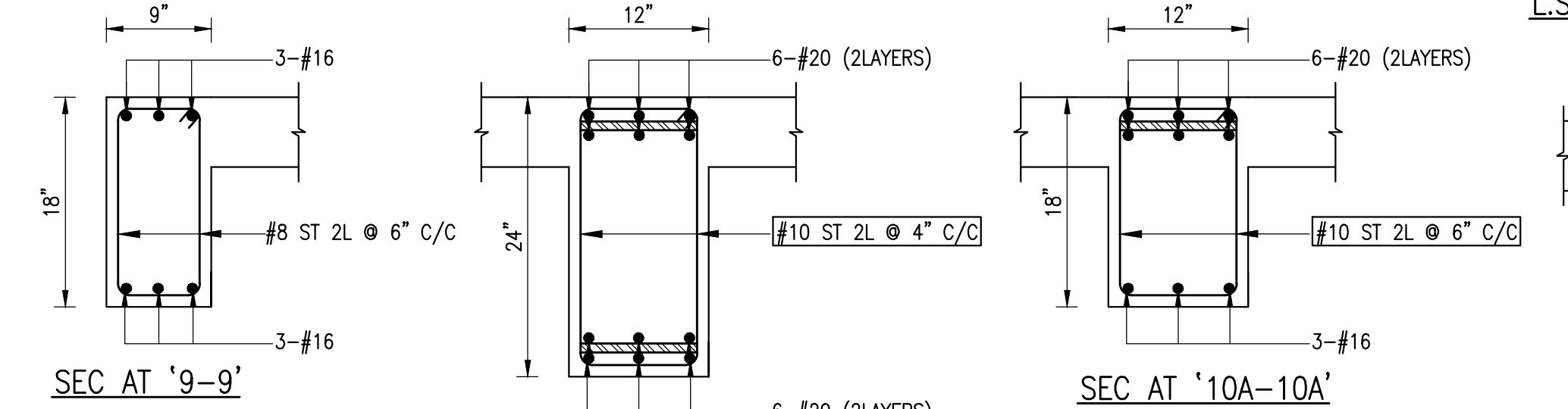
SEC AT '7-7'



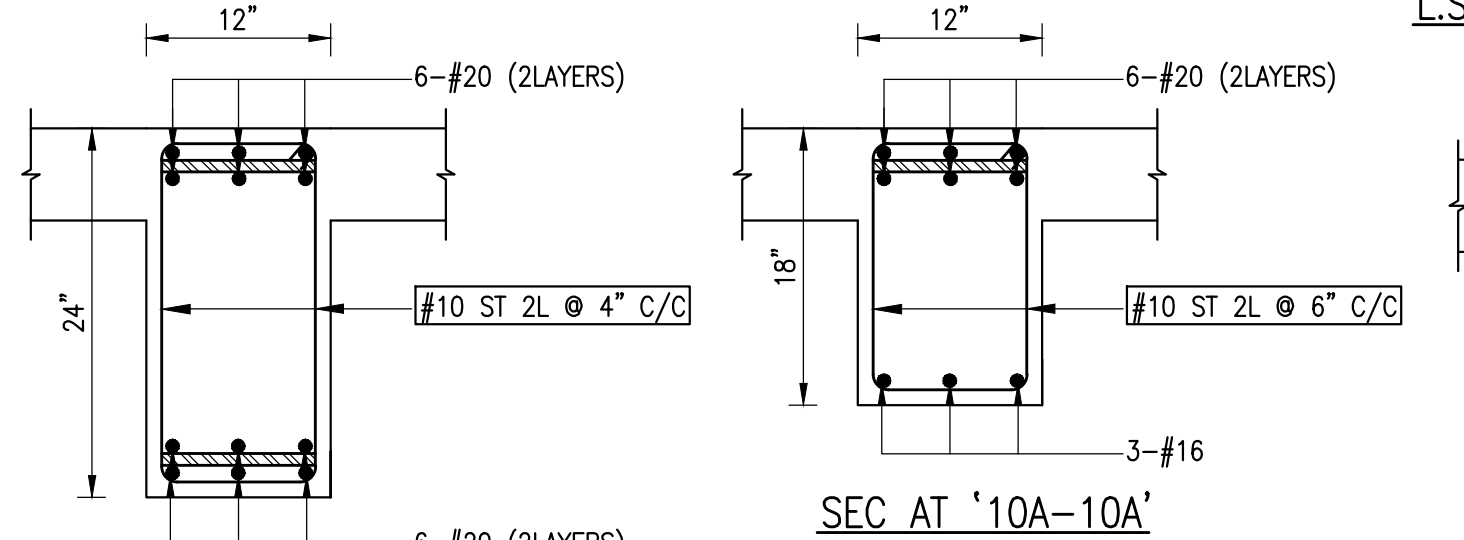
L.S. OF BEAM FB208 (12"X24") & (12"X18")



SEC AT '8-8'



SEC AT '9-9'



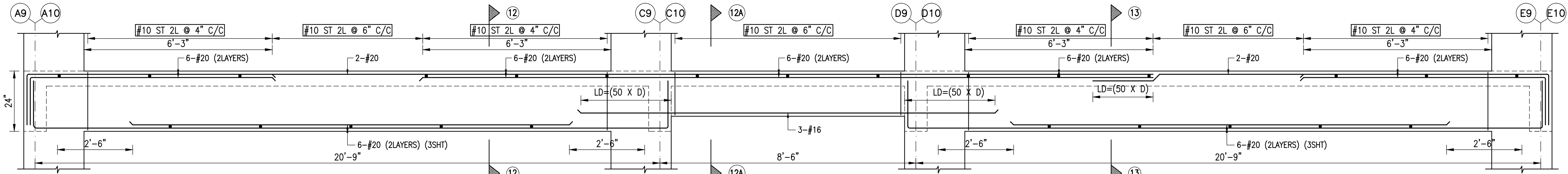
SEC AT '10-10'



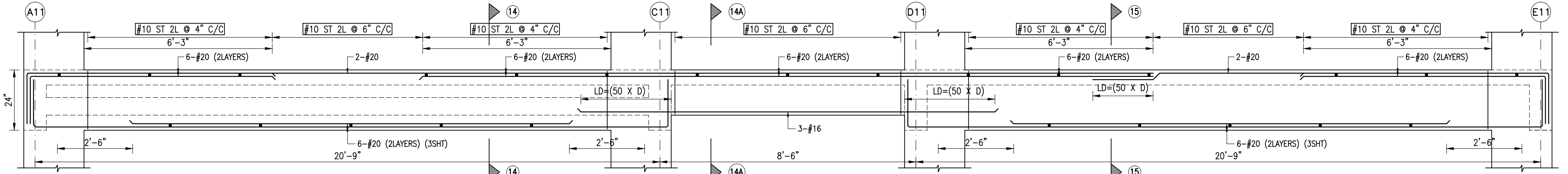
SEC AT '11-11'

- NOTES:**
- ALL DIMENSIONS ARE IN FEET & INCHES
 - USE TOR STEEL Fe 500D N/MM²
 - MIX FOR CONCRETE M30
 - CLEAR COVER FOR BEAM : 25mm
 - PROVIDE SPACER BAR #25MM @ 3'-0" C/C WHEREVER RODS ARE SHOWN IN TWO LAYERS
 - LAPPING LENGTH OF BEAM SHOULD BE LD=(50 X D)

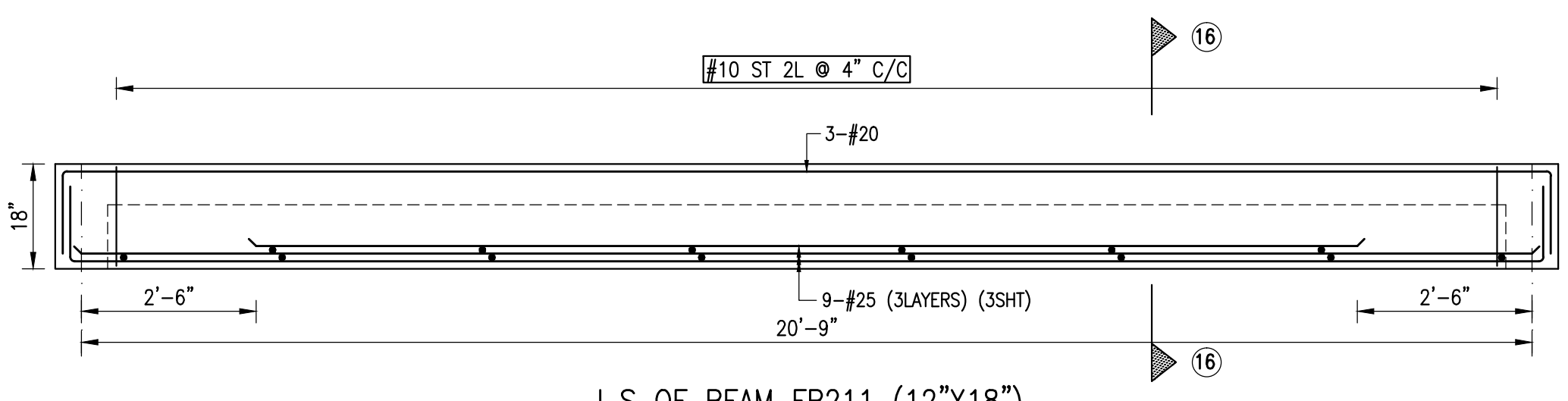
JOB NUMBER AND DRAWING NUMBER	1012	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
	16	
DESIGN	S.K.M	R.C.C DETAIL OF BEAM OVER FIRST FLOOR
DRAWN	S.V.K	BUILDERS:
DATE	02/07/26	SUPER FOUNDATION
SCALE	1"=2'-0"	
CHECKED AND APPROVED	M.E.T	 M.E.T & ASSOCIATES consulting engineers CIVIL, STRUCTURAL & PROJECTS NO.286/L, II FLOOR, P.H.ROAD, AMINIKARAI, CHENNAI-600 030. PH: 044-43032624, 9840239224 EMAIL: met_associates@yahoo.co.in



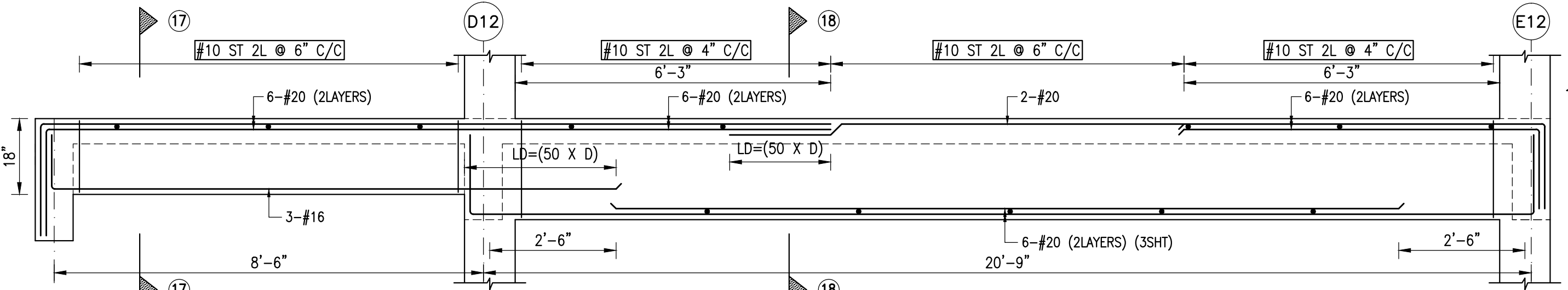
L.S OF BEAM FB209 (12"X24") & (12"X18")



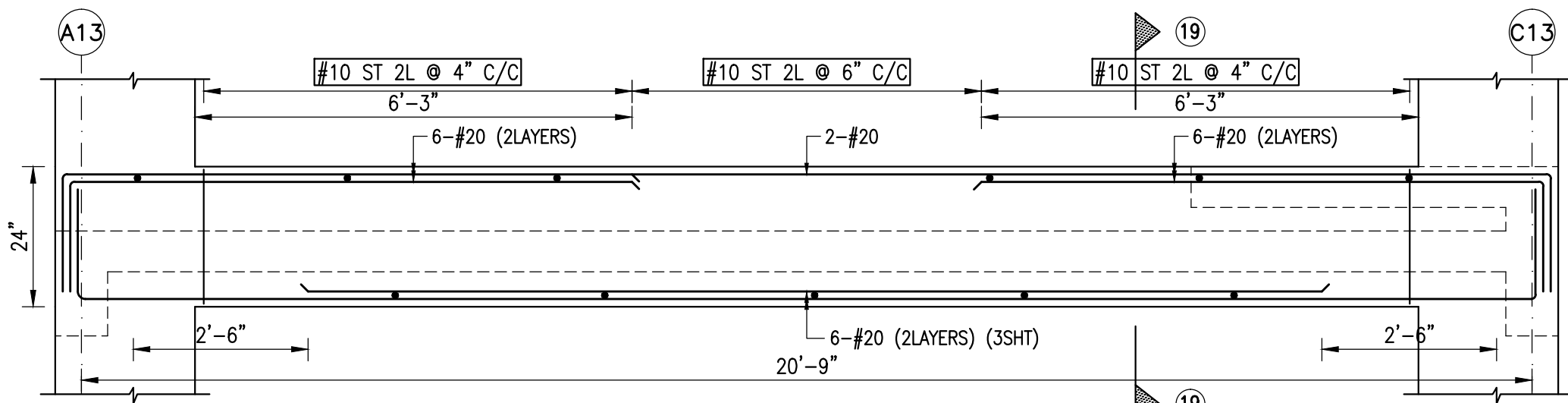
L.S OF BEAM FB210 (12"X24") & (12"X18")



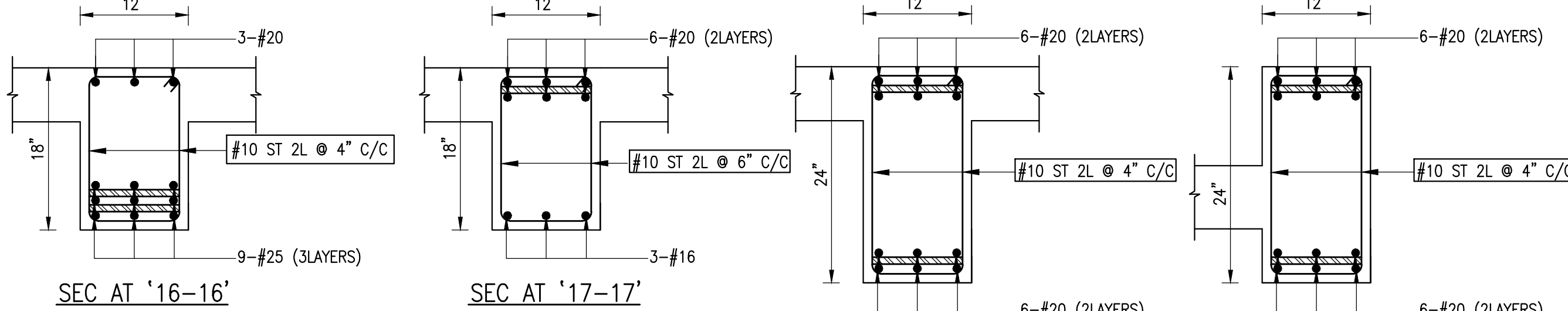
L.S OF BEAM FB211 (12"X18")



L.S OF BEAM FB212 (12"X24") & (12"X18")



L.S OF BEAM FB213 (12"X24")

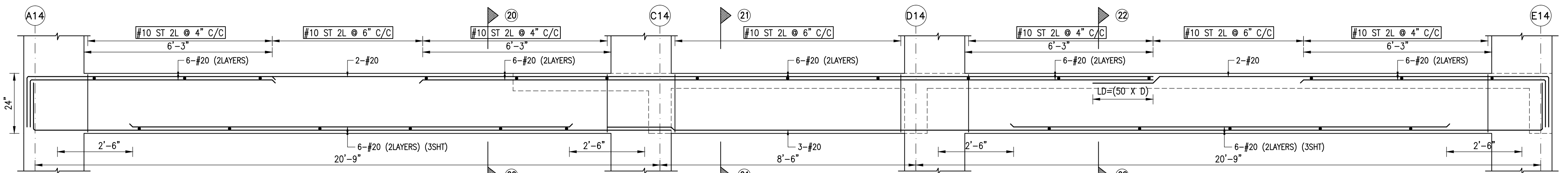


SEC AT '16-16'

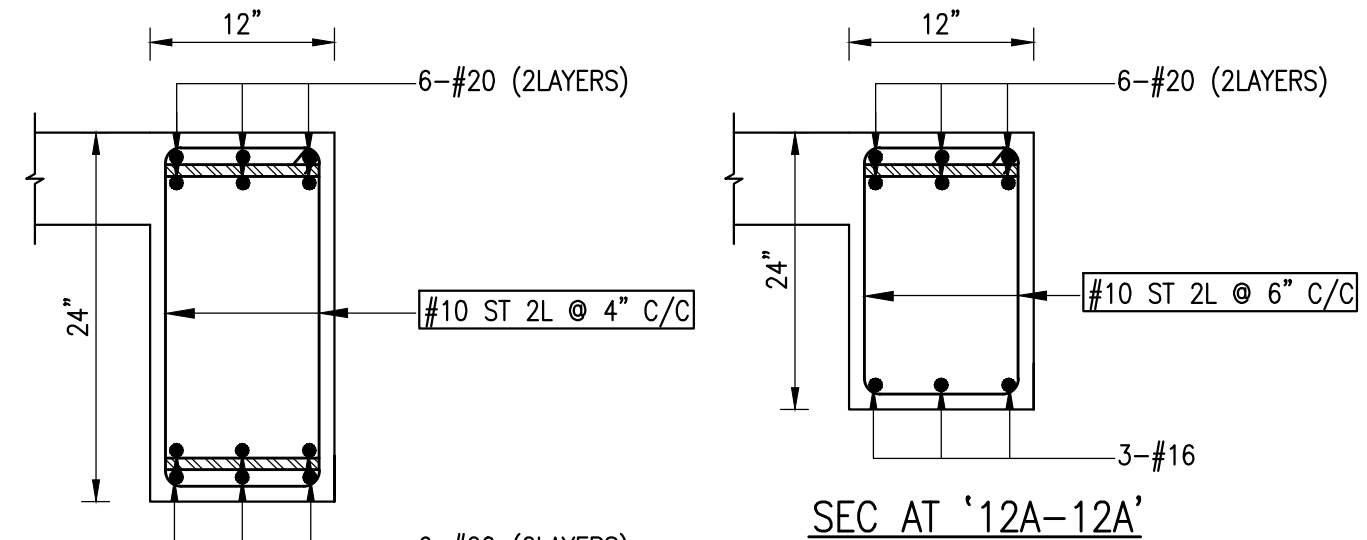
SEC AT '17-17'

SEC AT '18-18'

SEC AT '19-19'

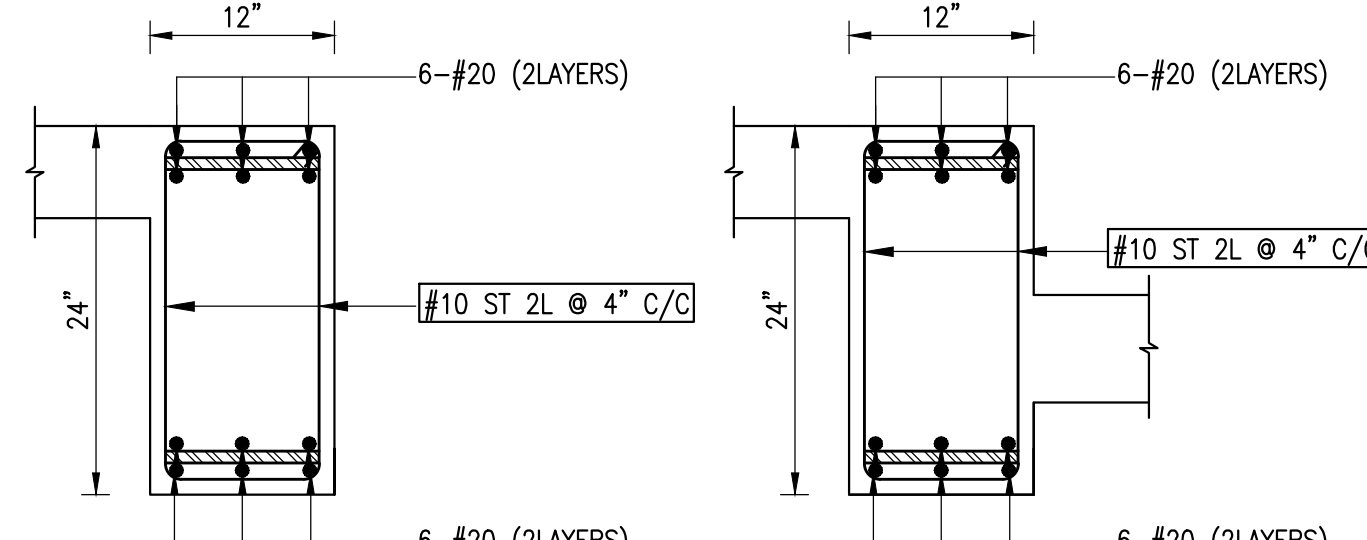


L.S OF BEAM FB214 (12"X24")



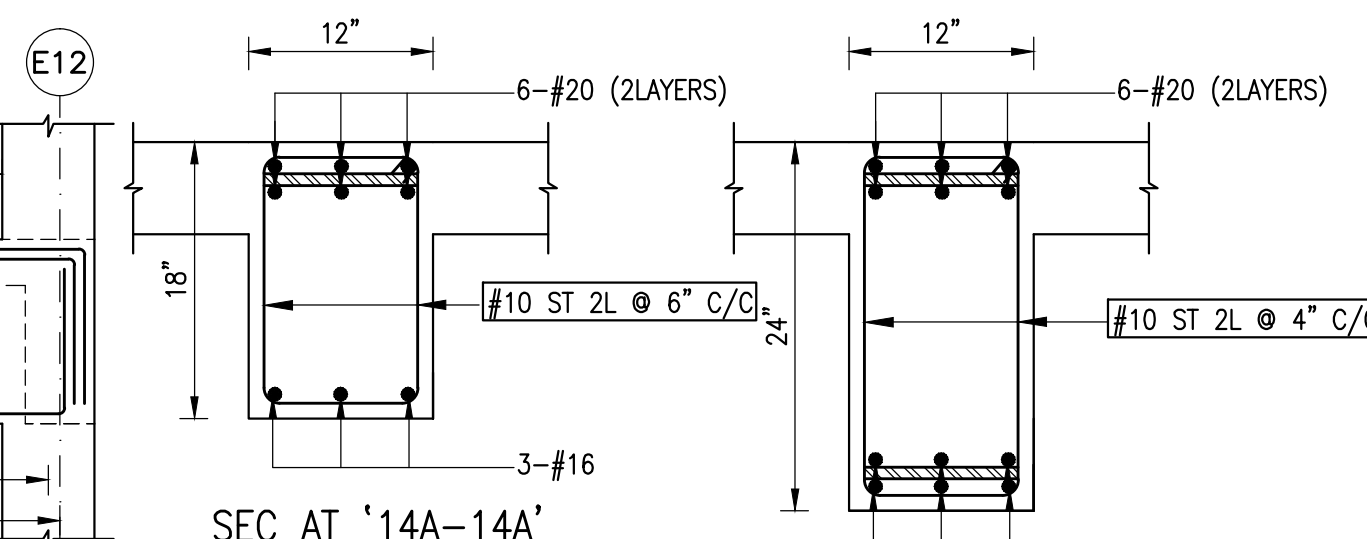
SEC AT '12-12'

SEC AT '12A-12A'



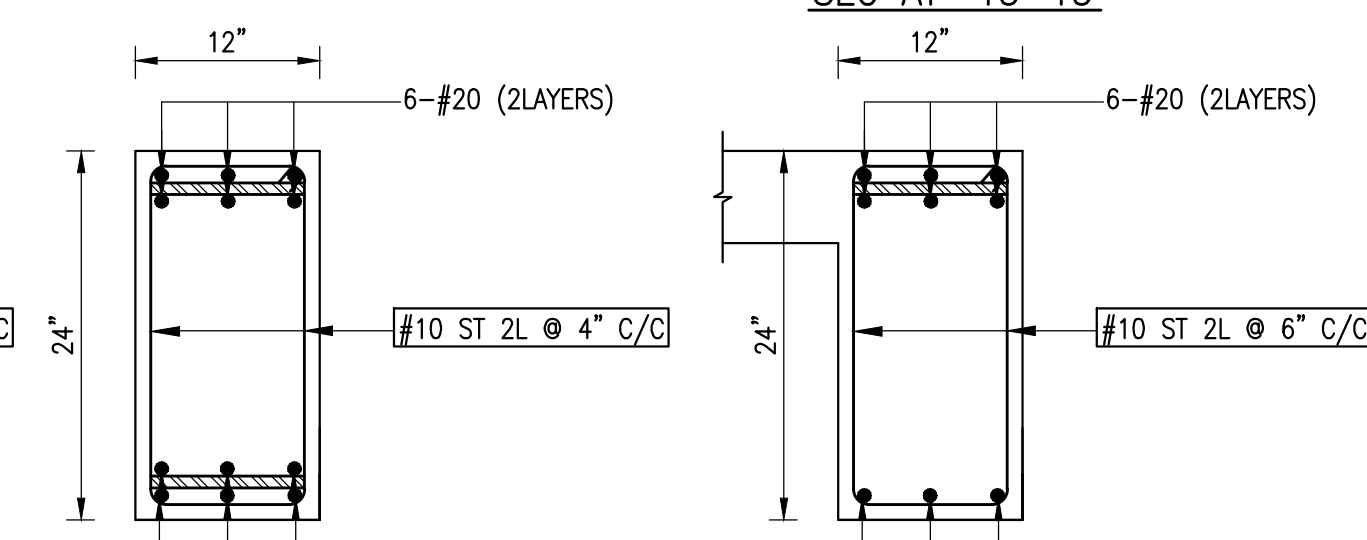
SEC AT '13-13'

SEC AT '14-14'



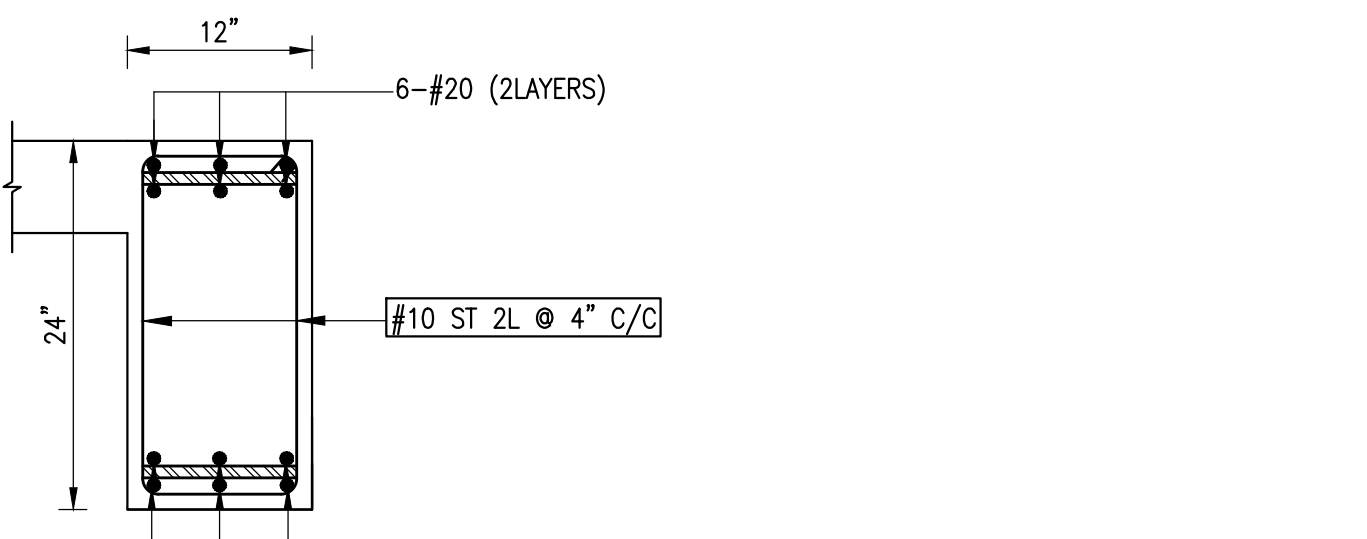
SEC AT '14A-14A'

SEC AT '15-15'



SEC AT '20-20'

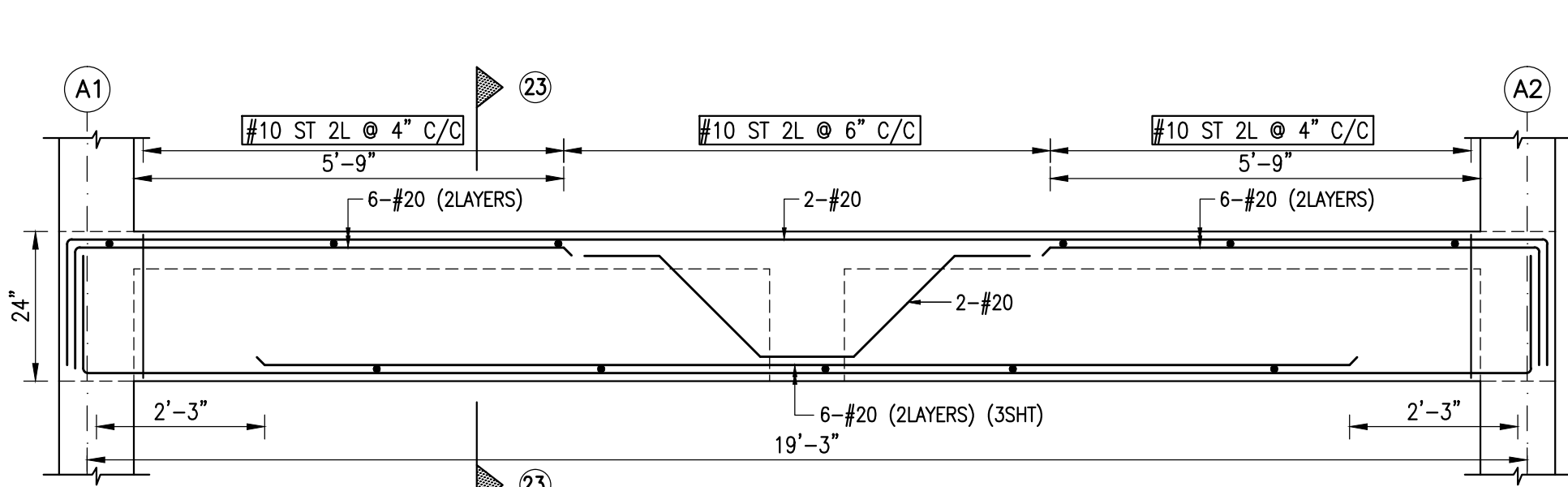
SEC AT '21-21'



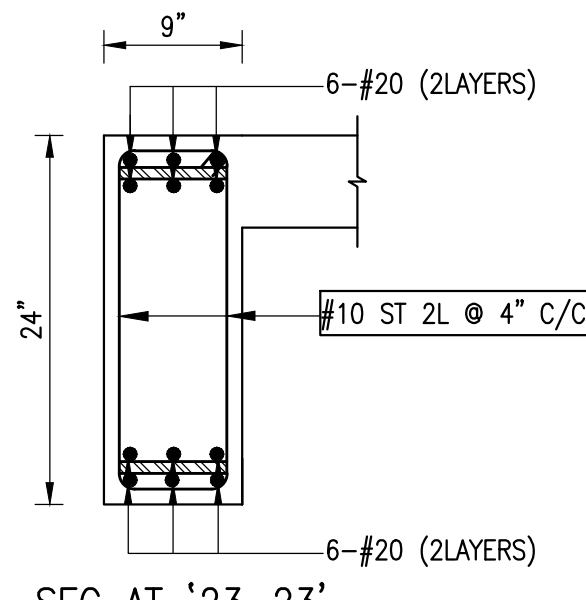
SEC AT '22-22'

- NOTES:**
1. ALL DIMENSIONS ARE IN FEET & INCHES
 2. USE TOR STEEL Fe 500D N/MM.²
 3. MIX FOR CONCRETE M30
 4. CLEAR COVER FOR BEAM : 25mm
 5. PROVIDE SPACER BAR #25MM @ 3'-0" C/C WHEREVER RODS ARE SHOWN IN TWO LAYERS
 6. LAPPING LENGTH OF BEAM SHOULD BE LD=(50 X D)

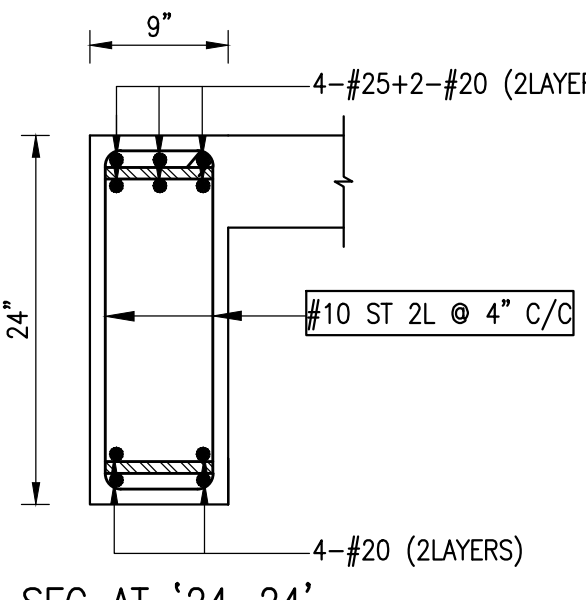
JOB NUMBER AND DRAWING NUMBER	1012	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
	17	
DESIGN	S.K.M	R.C.C DETAIL OF BEAM OVER FIRST FLOOR
DRAWN	S.V.K	BUILDERS:
DATE	02/07/26	
SCALE	1"=2'-0"	SUPER FOUNDATION
CHECKED AND APPROVED	M.E.T	
		 M.E.T & ASSOCIATES consulting engineers CIVIL, STRUCTURAL & PROJECTS NO.286/1, II FLOOR, P.H.ROAD, AMINIKARAI, CHENNAI-600 030. PH: 044-43032624, 9840299224 EMAIL: met_associates@yahoo.co.in



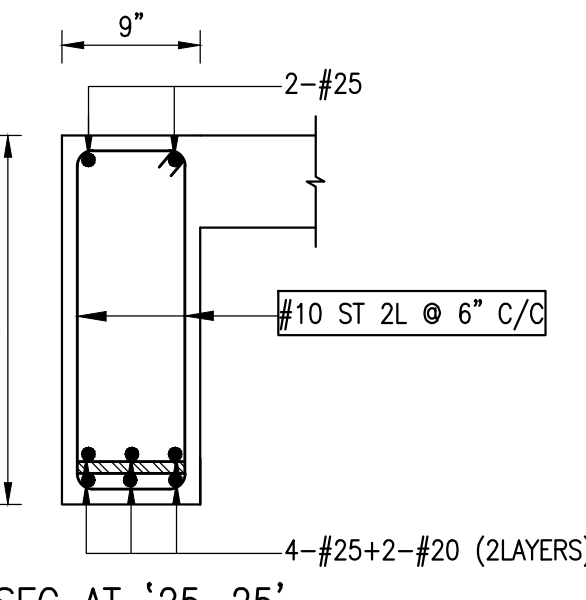
L.S OF BEAM FB215 (9"X24")



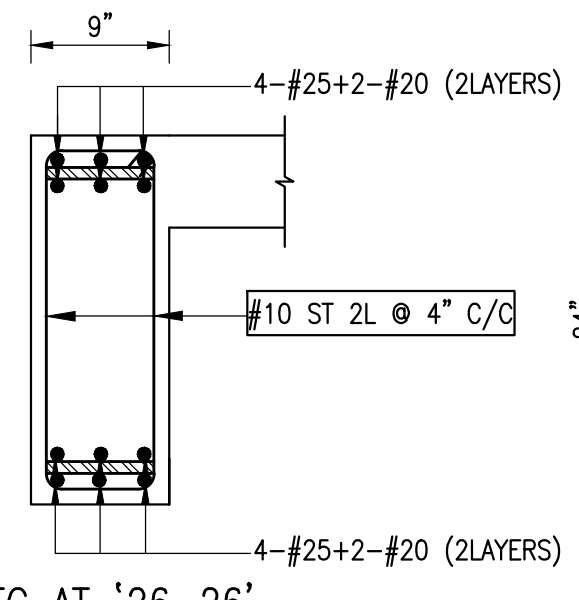
SEC AT '23-23'



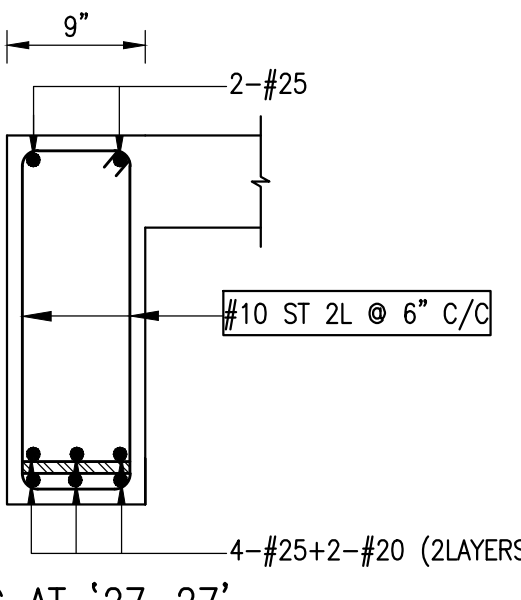
SEC AT '24-24'



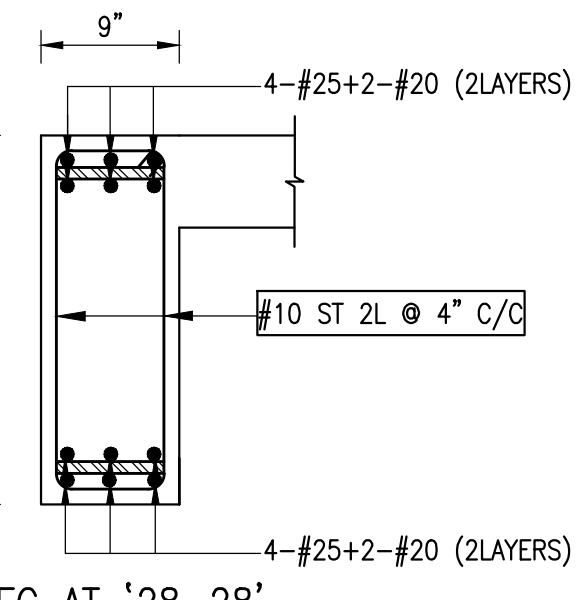
SEC AT '25-25'



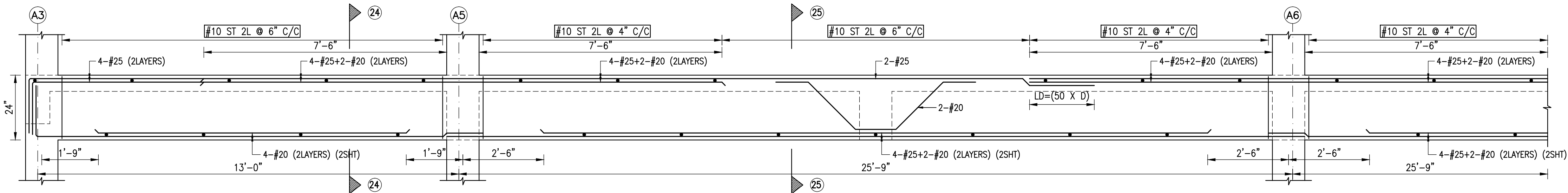
SEC AT '26-26'



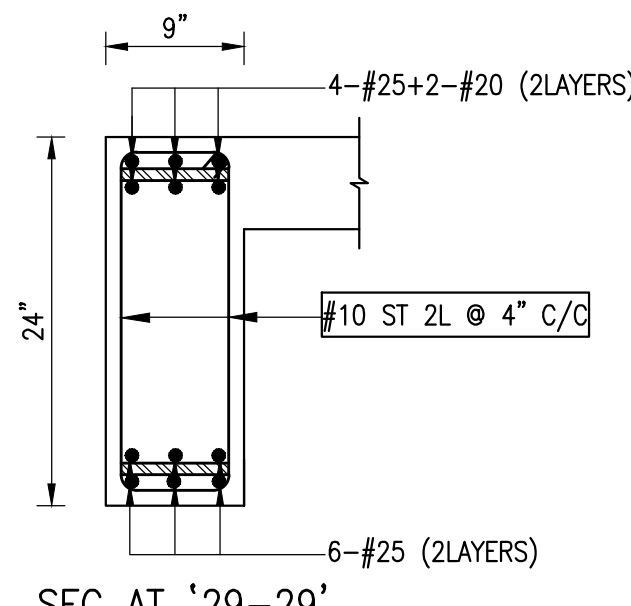
SEC AT '27-27'



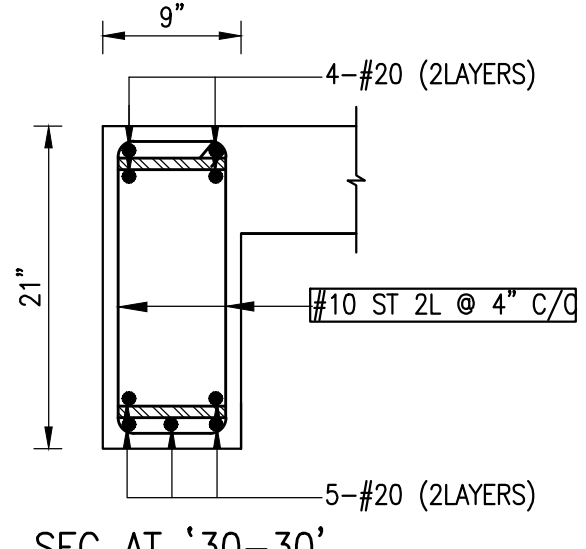
SEC AT '28-28'



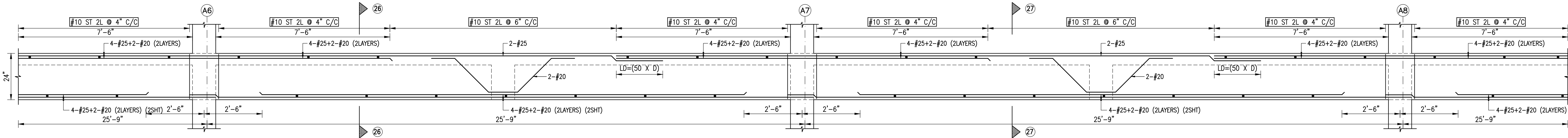
L.S OF BEAM FB216 (9"X24")



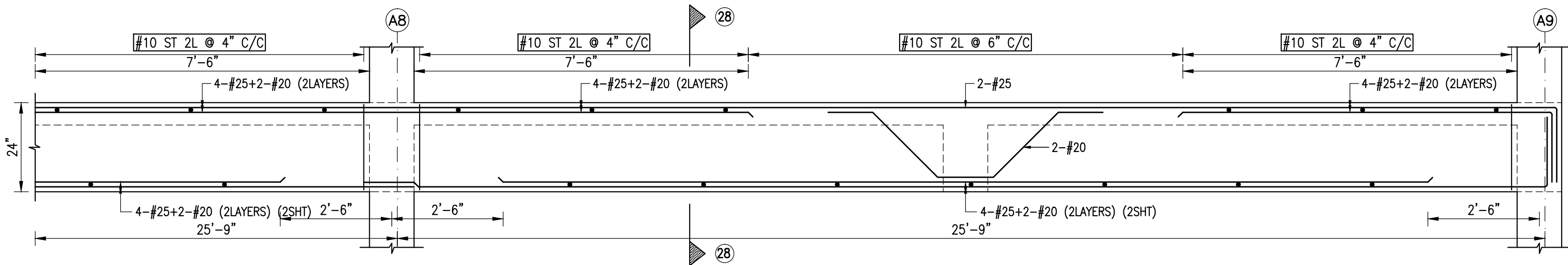
SEC AT '29-29'



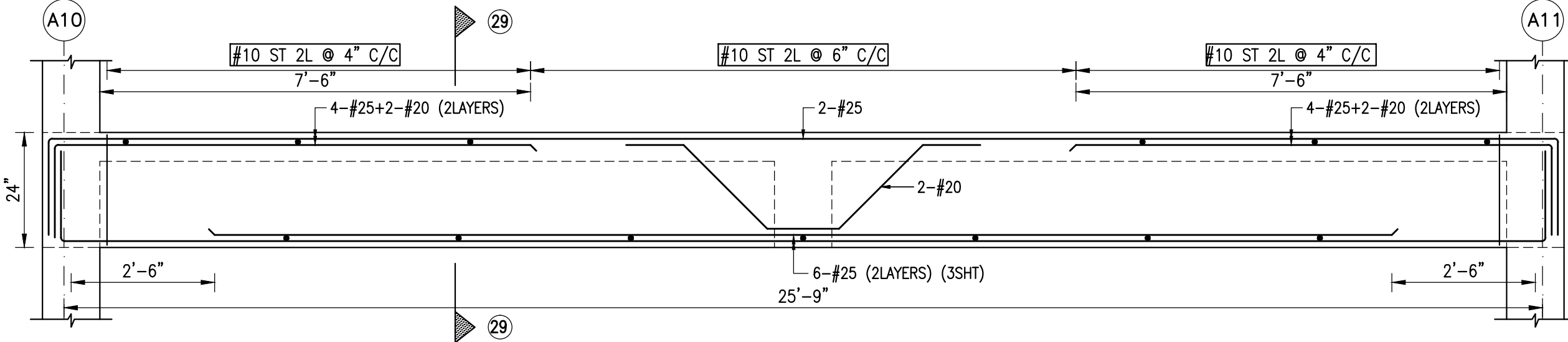
SEC AT '30-30'



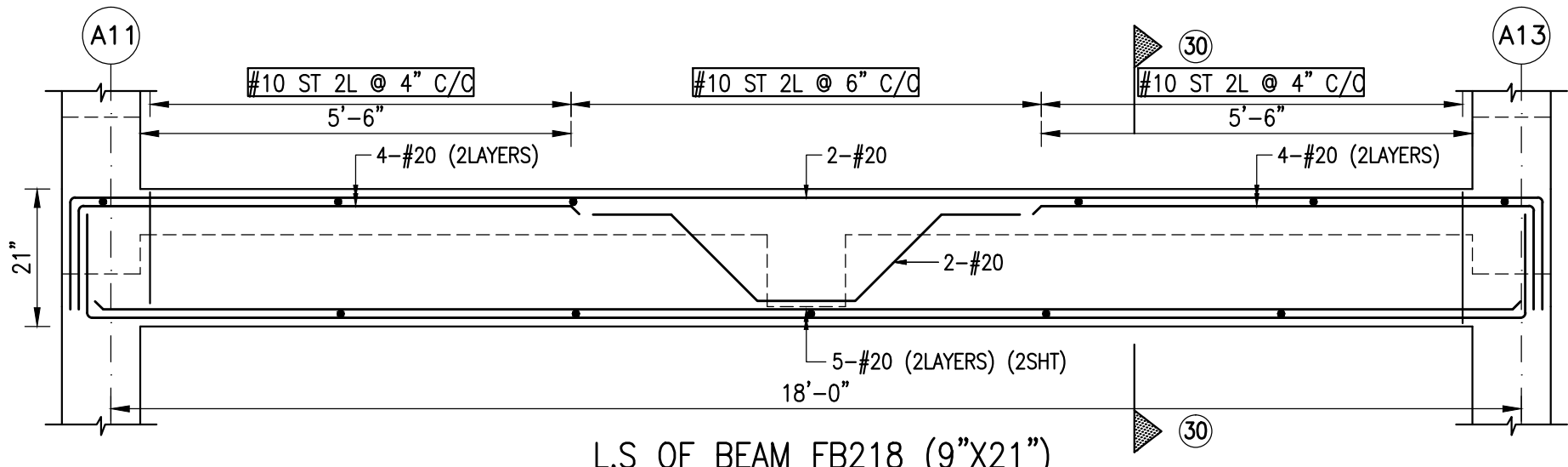
L.S OF BEAM FB216 (9"X24")



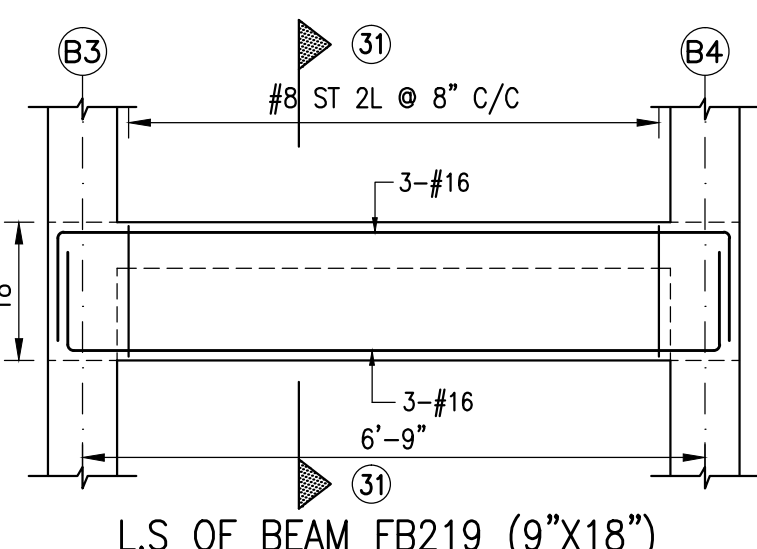
L.S OF BEAM FB216 (9"X24")



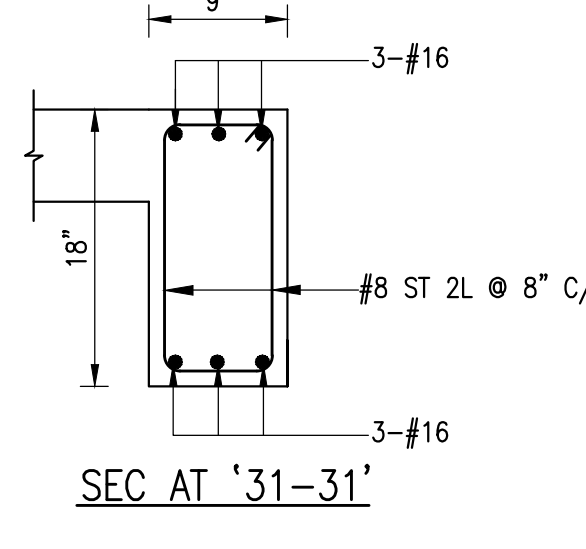
L.S OF BEAM FB217 (9"X24")



L.S OF BEAM FB218 (9"X21")



L.S OF BEAM FB219 (9"X18")

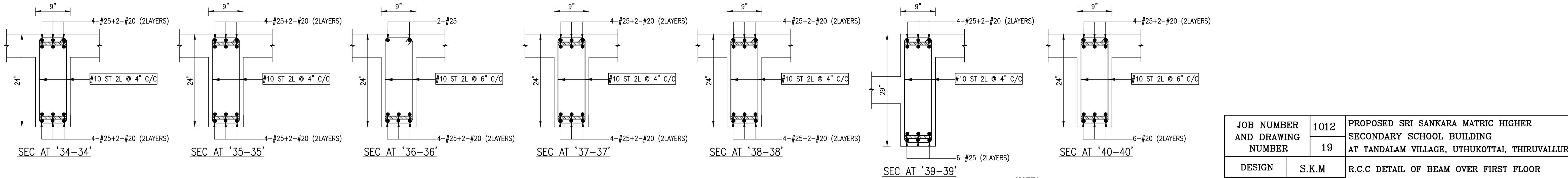
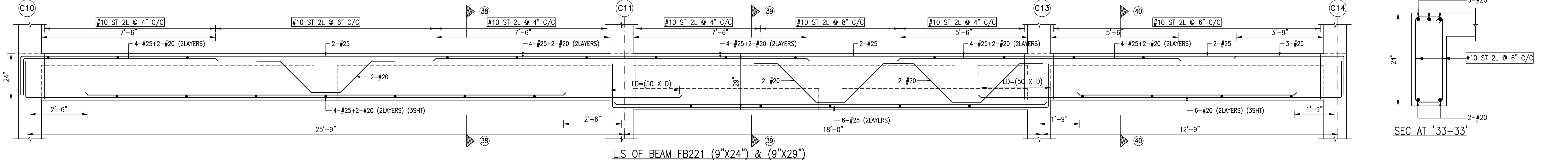
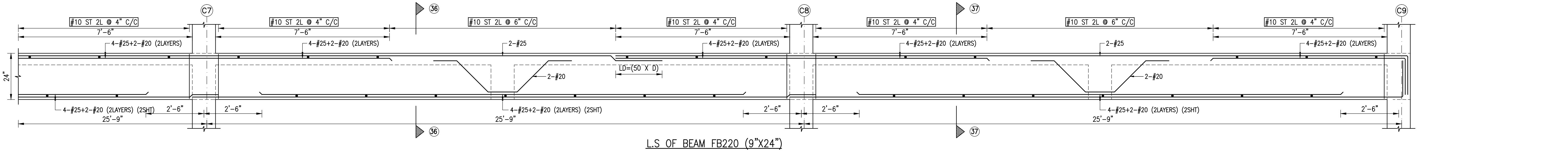
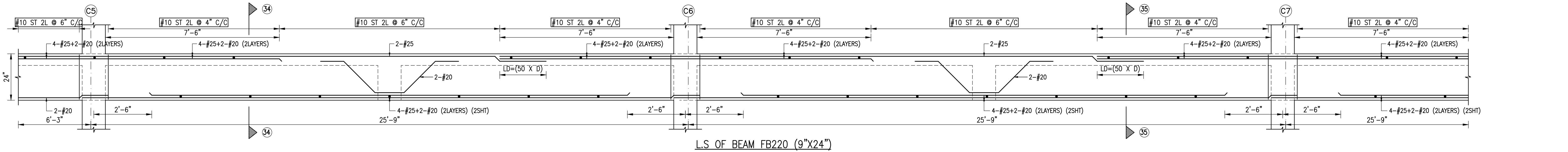
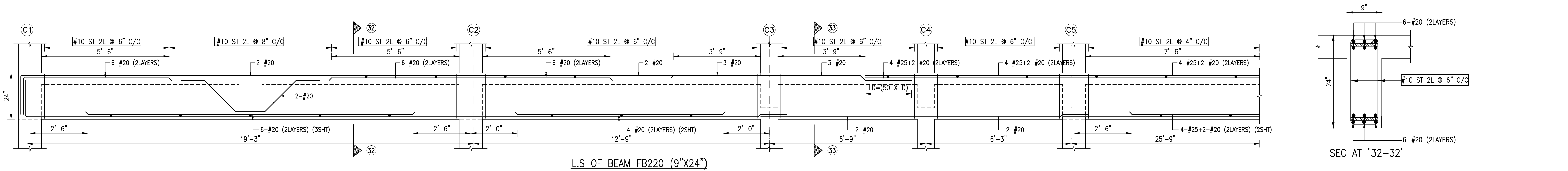


SEC AT '31-31'

NOTES:

- ALL DIMENSIONS ARE IN FEET & INCHES
- USE TOR STEEL Fe 500D N/MM²
- MIX FOR CONCRETE M30
- CLEAR COVER FOR BEAM : 25mm
- PROVIDE SPACER BAR #25MM @ 3'-0" C/C WHEREVER RODS ARE SHOWN IN TWO LAYERS
- LAPPING LENGTH OF BEAM SHOULD BE LD=(50 X D)

JOB NUMBER AND DRAWING NUMBER	1012	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
	18	
DESIGN	S.K.M	R.C.C DETAIL OF BEAM OVER FIRST FLOOR
DRAWN	S.V.K	BUILDERS:
DATE	02/07/26	
SCALE	1"=2'-0"	SUPER FOUNDATION
CHECKED AND APPROVED	M.E.T	
		 M.E.T & ASSOCIATES consulting engineers CIVIL, STRUCTURAL & PROJECTS NO.286/1, II FLOOR, P.H.ROAD, AMINIKARAI, CHENNAI-600 030. PH: 044-43032624, 9840298294 EMAIL: met_associates@yahoo.co.in

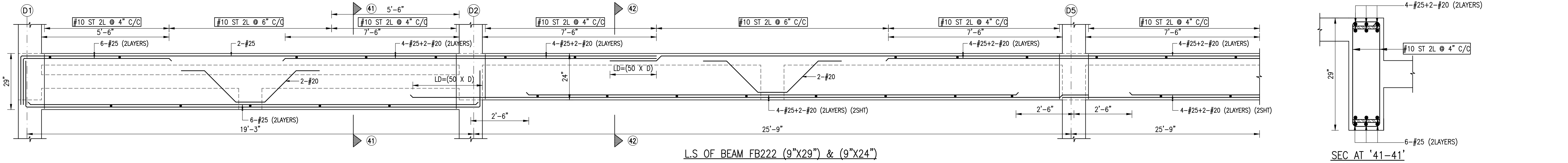


- NOTES:**
- ALL DIMENSIONS ARE IN FEET & INCHES
 - USE TOR STEEL Fe 500D N/MM²
 - MIX FOR CONCRETE M30
 - CLEAR COVER FOR BEAM : 25mm
 - PROVIDE SPACER BAR #25MM @ 3'-0" C/C WHEREVER RODS ARE SHOWN IN TWO LAYERS
 - LAPPING LENGTH OF BEAM SHOULD BE LD=(50 X D)

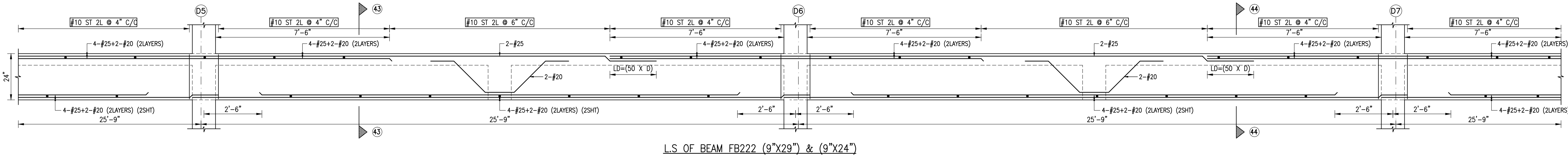
JOB NUMBER AND DRAWING NUMBER	1012	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
	19	
DESIGN	S.K.M	R.C.C DETAIL OF BEAM OVER FIRST FLOOR
DRAWN	S.V.K	BUILDERS:
DATE	02/07/26	SUPER FOUNDATION
SCALE	1"=2'-0"	
CHECKED AND APPROVED	M.E.T	



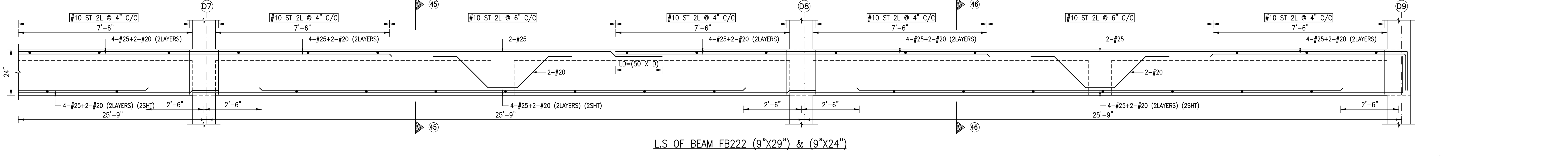
M.E.T & ASSOCIATES
consulting engineers
CIVIL, STRUCTURAL & PROJECTS
NO.286/1, II FLOOR, P.H.ROAD,
AMINIKARAI, CHENNAI-600 030.
PE: 044-43032624, 9840239224
EMAIL: met_associates@yahoo.co.in



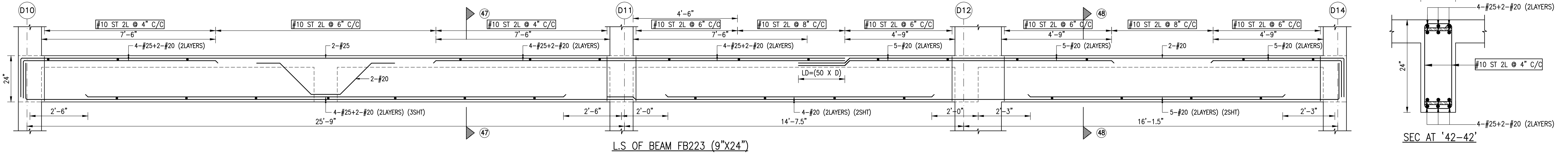
SEC AT '41-41'



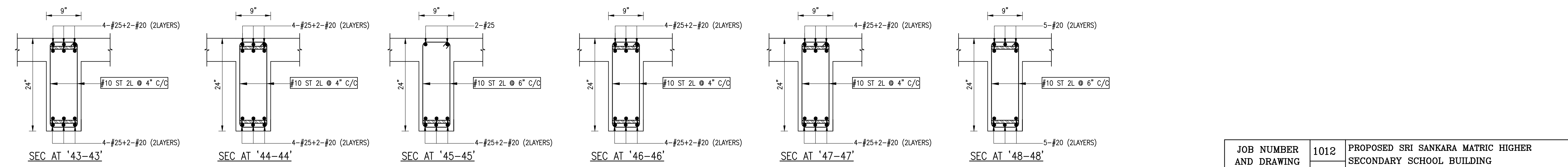
L.S. OF BEAM FB222 (9"X29") & (9"X24")



L.S. OF BEAM FB222 (9"X29") & (9"X24")

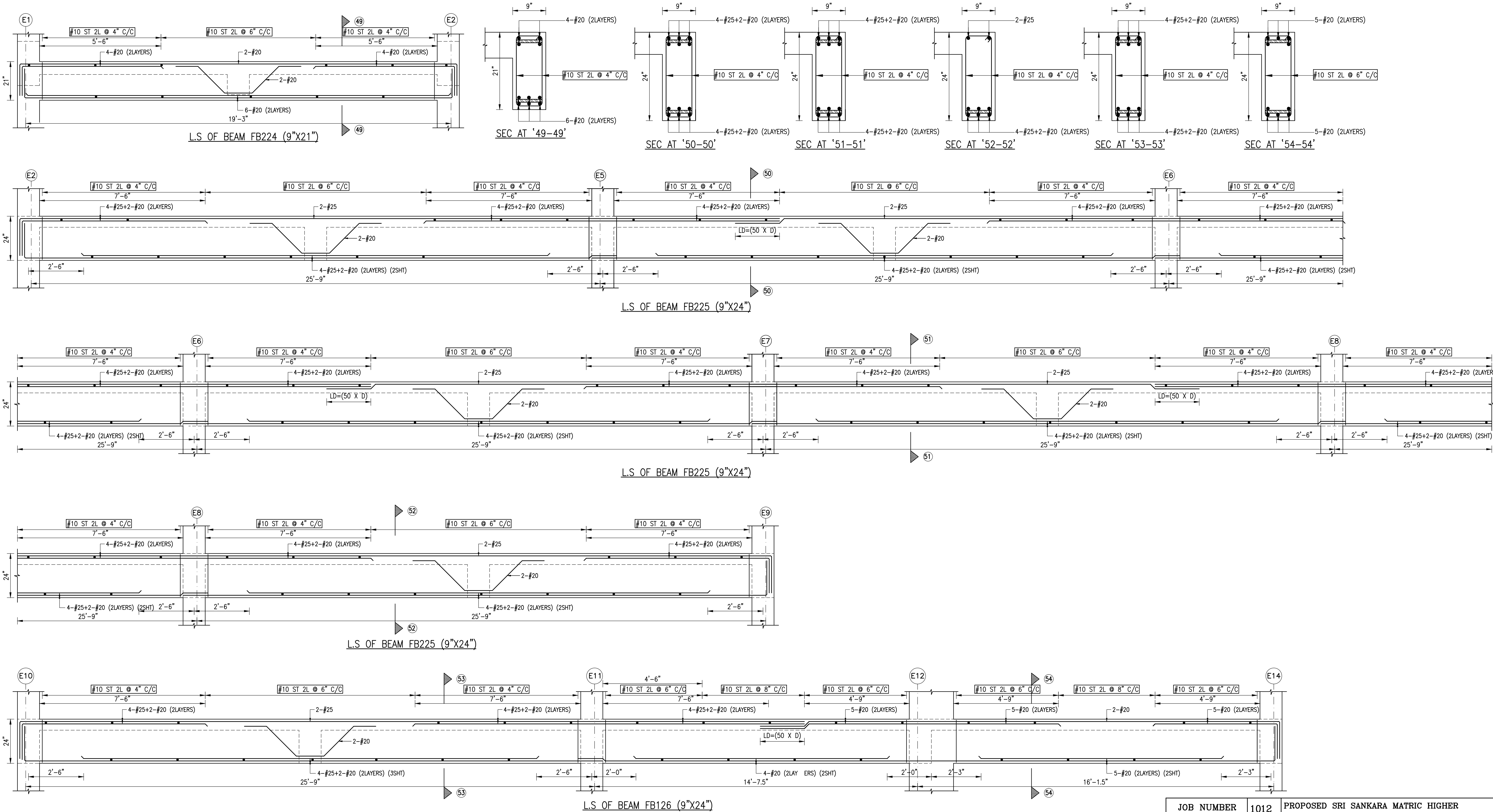


L.S. OF BEAM FB223 (9"X24")



- NOTES:**
- ALL DIMENSIONS ARE IN FEET & INCHES
 - USE TOR STEEL Fe 500D N/MM.²
 - MIX FOR CONCRETE M30
 - CLEAR COVER FOR BEAM : 25mm
 - PROVIDE SPACER BAR #25MM @ 3'-0" C/C WHEREVER RODS ARE SHOWN IN TWO LAYERS
 - LAPPING LENGTH OF BEAM SHOULD BE LD=(50 X D)

JOB NUMBER AND DRAWING NUMBER	1012	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
	20	
DESIGN	S.K.M	R.C.C DETAIL OF BEAM OVER FIRST FLOOR
DRAWN	S.V.K	BUILDERS:
DATE	02/07/26	SUPER FOUNDATION
SCALE	1"=2'-0"	
CHECKED AND APPROVED	M.E.T	 M.E.T & ASSOCIATES consulting engineers CIVIL, STRUCTURAL & PROJECTS NO.286/1, II FLOOR, P.H.ROAD, AMINIKARAI, CHENNAI-600 030. PE: 044-43032624, 9840239224 EMAIL: met_associates@yahoo.co.in



- NOTES:**
1. ALL DIMENSIONS ARE IN FEET & INCHES
 2. USE TOR STEEL Fe 500D N/MM.²
 3. MIX FOR CONCRETE M30
 4. CLEAR COVER FOR BEAM : 25mm
 5. PROVIDE SPACER BAR #25MM @ 3'-0" C/C WHEREVER RODS ARE SHOWN IN TWO LAYERS
 6. LAPPING LENGTH OF BEAM SHOULD BE LD=(50 X D)

JOB NUMBER AND DRAWING NUMBER	1012	PROPOSED SRI SANKARA MATRIC HIGHER SECONDARY SCHOOL BUILDING AT TANDALAM VILLAGE, UTHUKOTTAI, THIRUVALLUR.
	21	
DESIGN	S.K.M	R.C.C DETAIL OF BEAM OVER FIRST FLOOR
DRAWN	S.V.K	BUILDERS:
DATE	02/07/26	
SCALE	1"=2'-0"	SUPER FOUNDATION
CHECKED AND APPROVED	M.E.T	
		 M.E.T & ASSOCIATES consulting engineers CIVIL, STRUCTURAL & PROJECTS NO.286/1, II FLOOR, P.J.ROAD, AMINIKARAI, CHENNAI-600 030. PH: 044-43032624, 9840299224 EMAIL: met_associates@yahoo.co.in