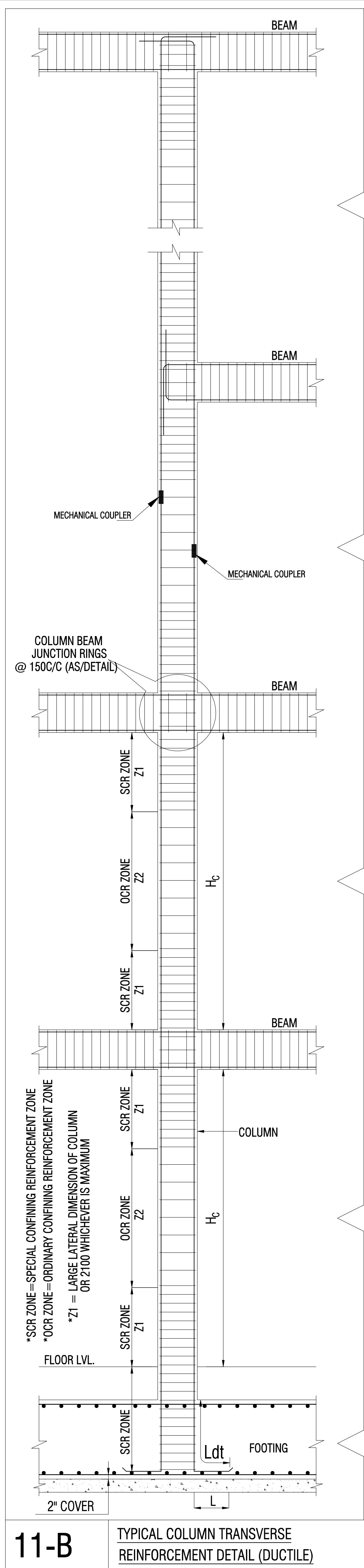
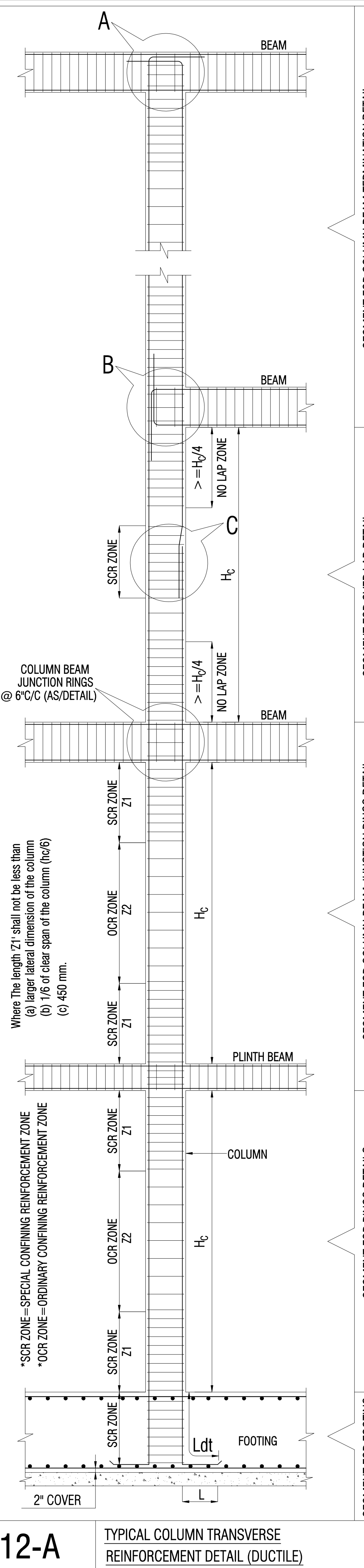
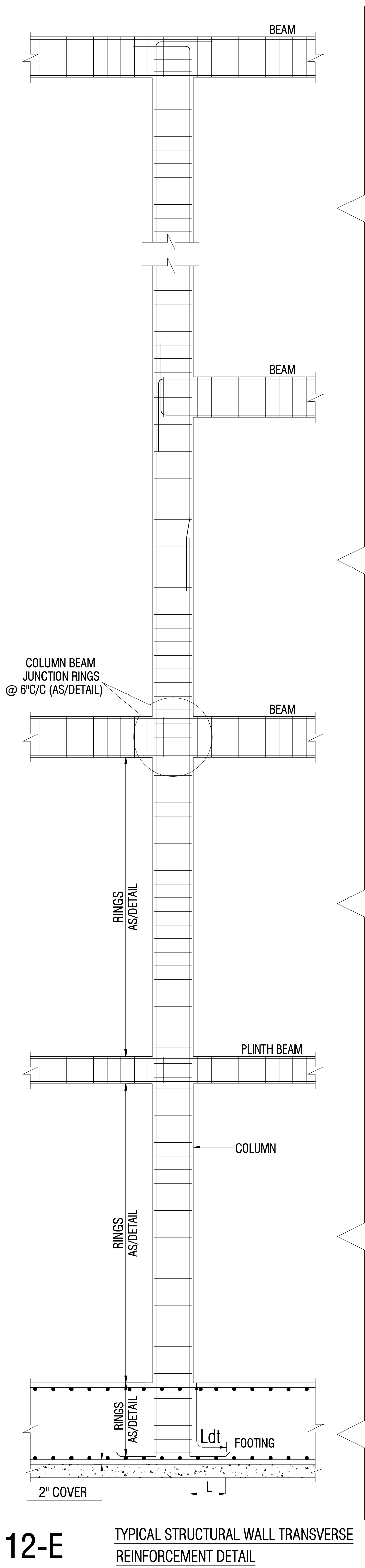




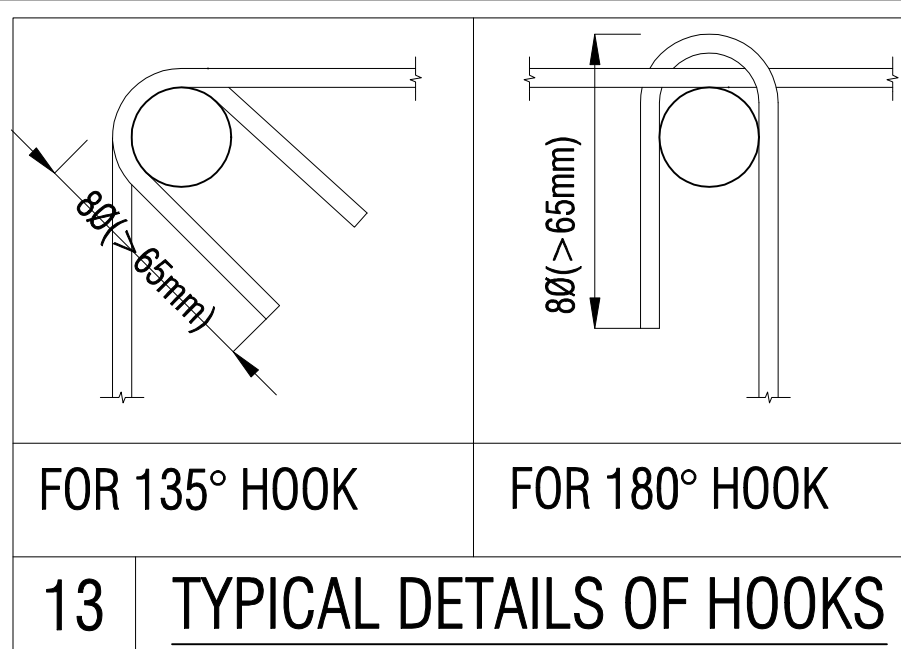
11-B TYPICAL COLUMN TRANSVERSE REINFORCEMENT DETAIL (DUCTILE)



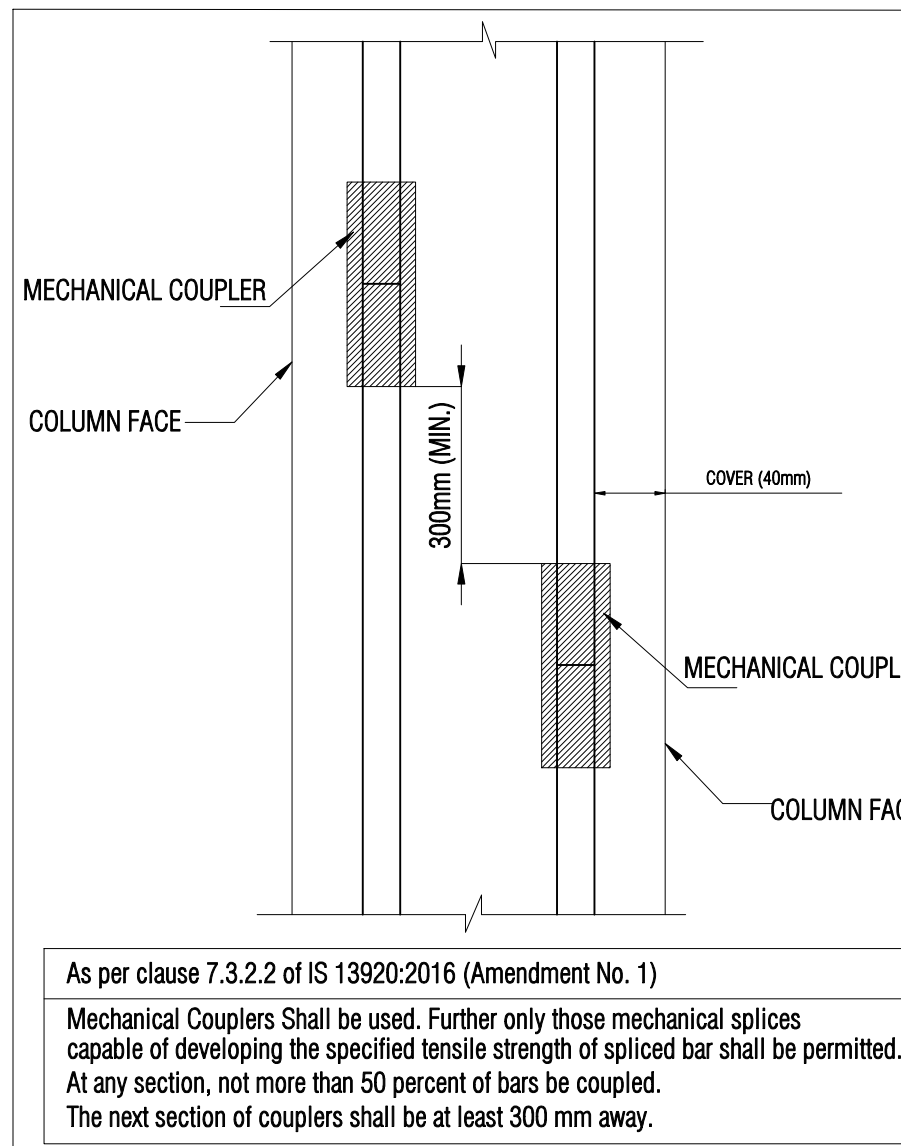
12-A TYPICAL COLUMN TRANSVERSE REINFORCEMENT DETAIL (DUCTILE)



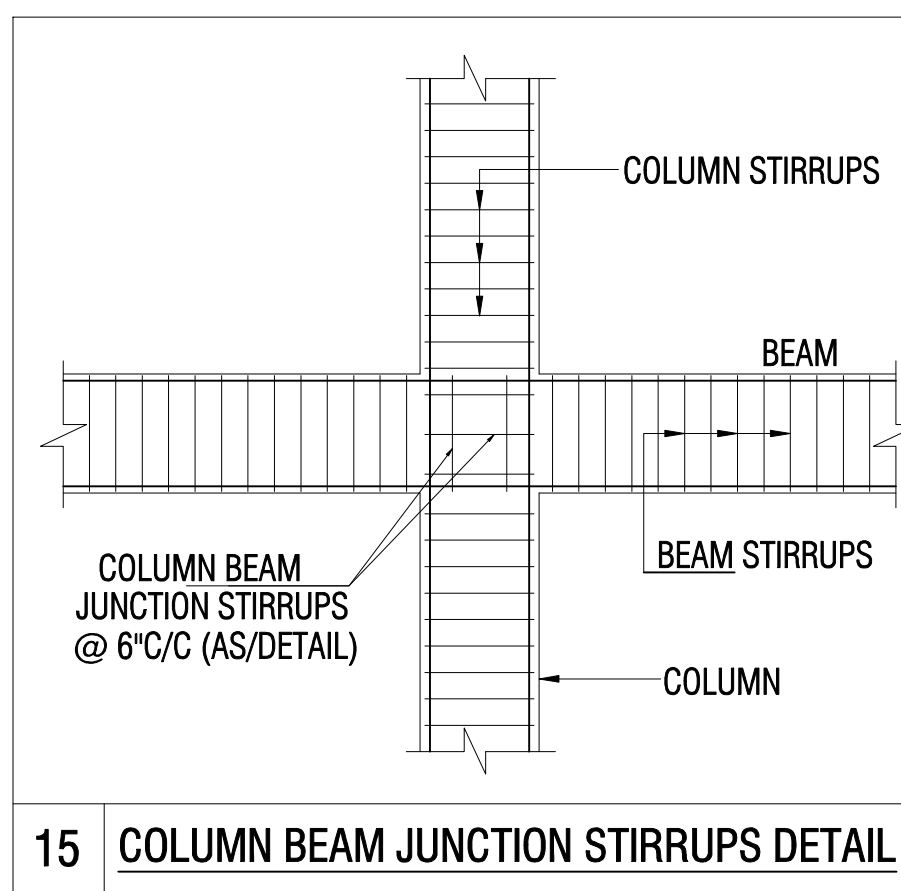
12-E TYPICAL STRUCTURAL WALL TRANSVERSE REINFORCEMENT DETAIL



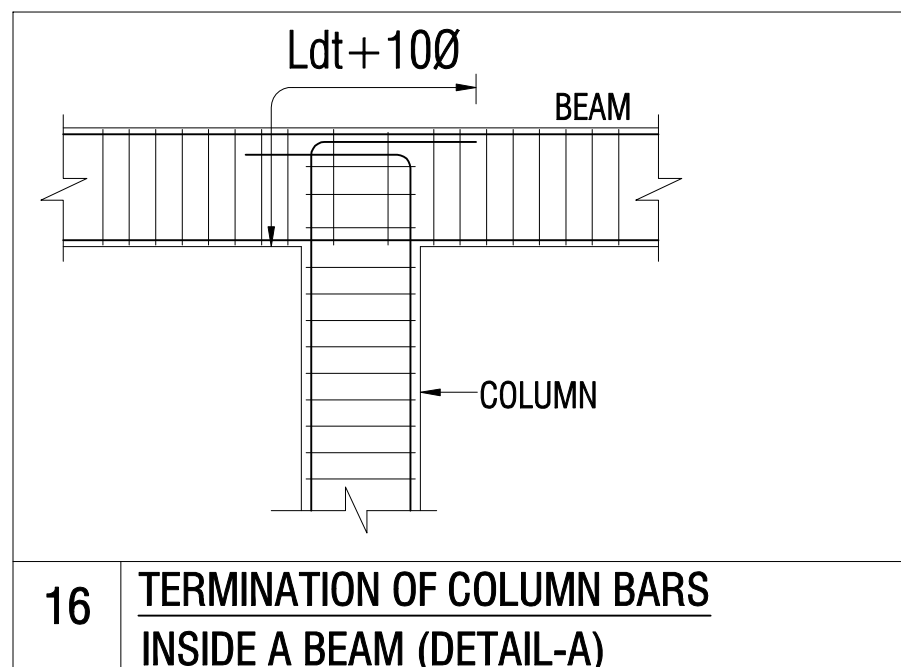
13 TYPICAL DETAILS OF HOOKS



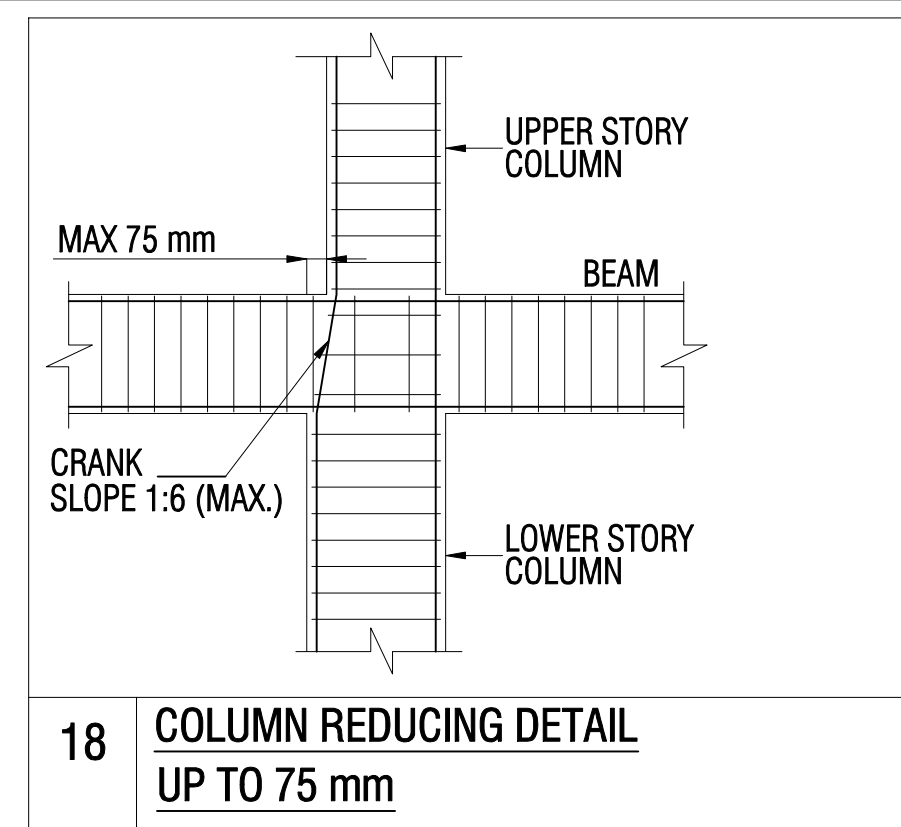
14 SPLICE WITH MECHANICAL COUPLER BAR IN A COLUMN (DETAIL-D)



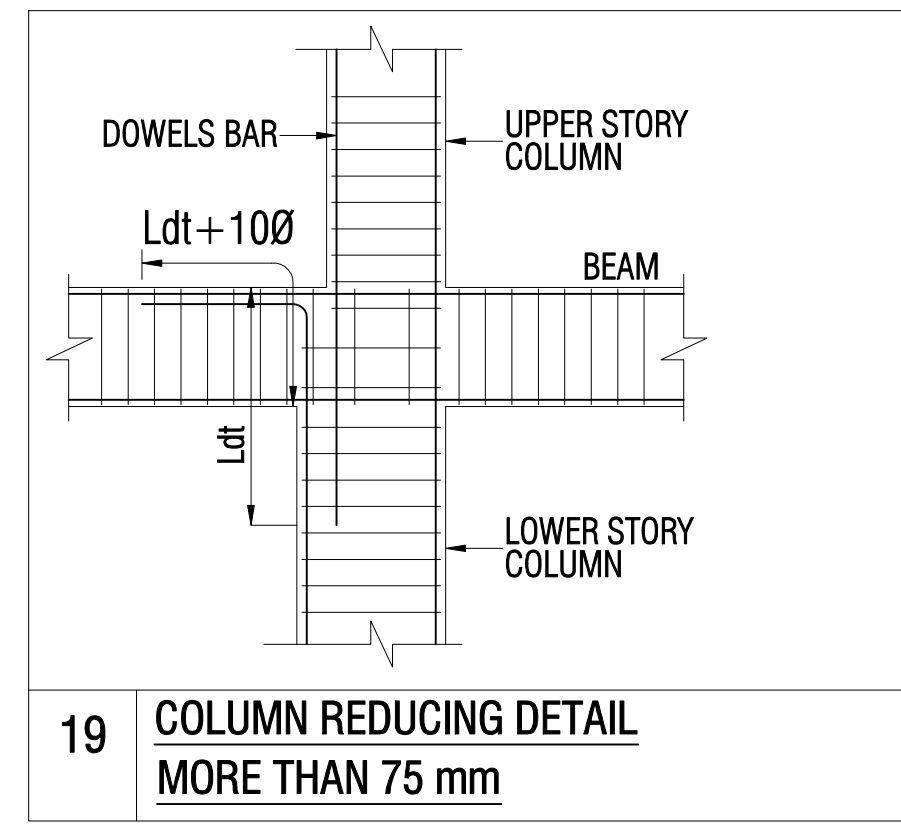
15 COLUMN BEAM JUNCTION STIRRUPS DETAIL



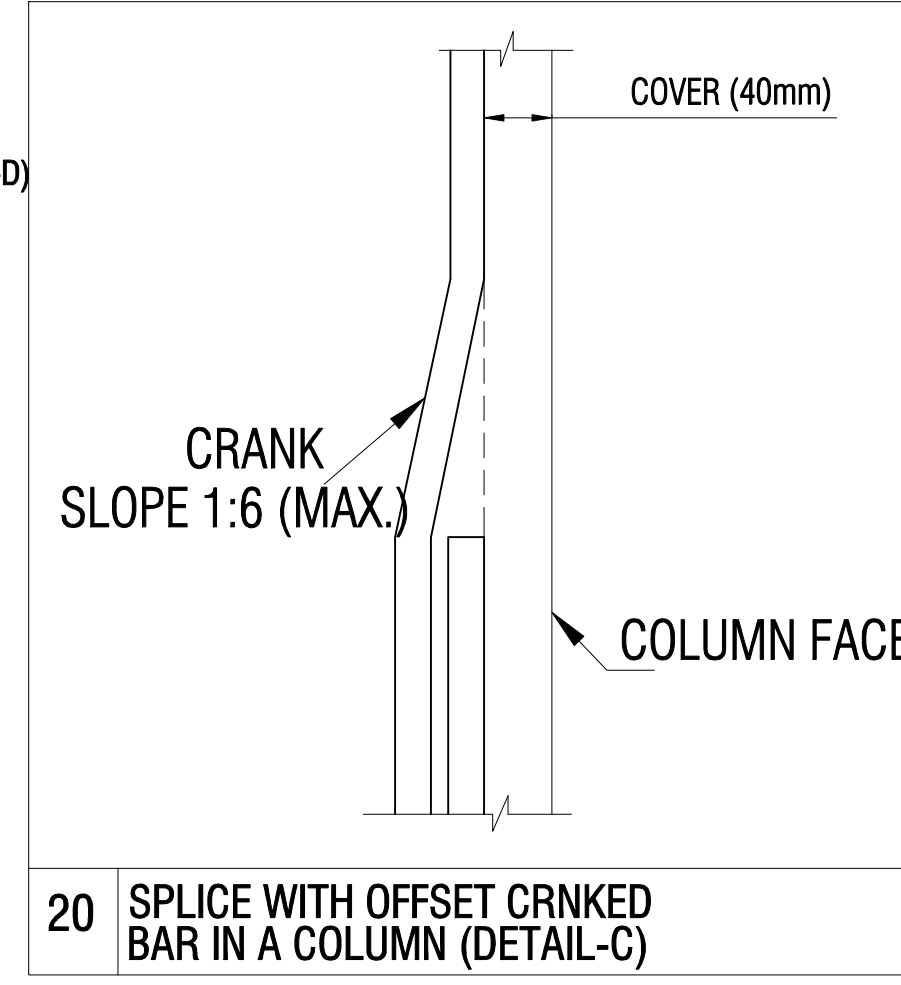
16 TERMINATION OF COLUMN BARS INSIDE A BEAM (DETAIL-A)



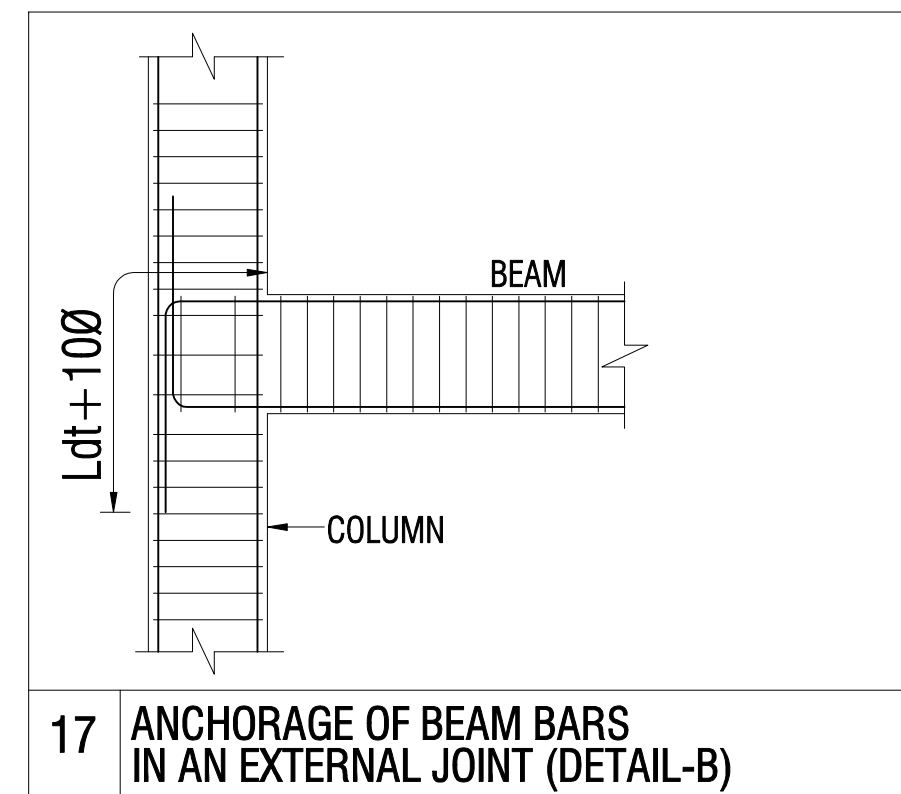
18 COLUMN REDUCING DETAIL UP TO 75 mm



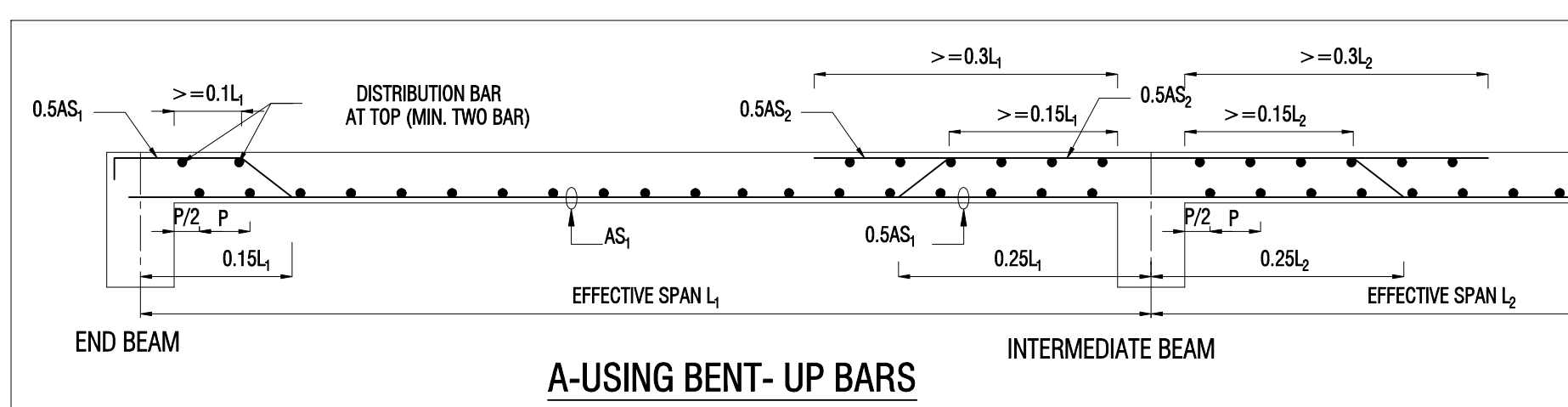
19 COLUMN REDUCING DETAIL MORE THAN 75 mm



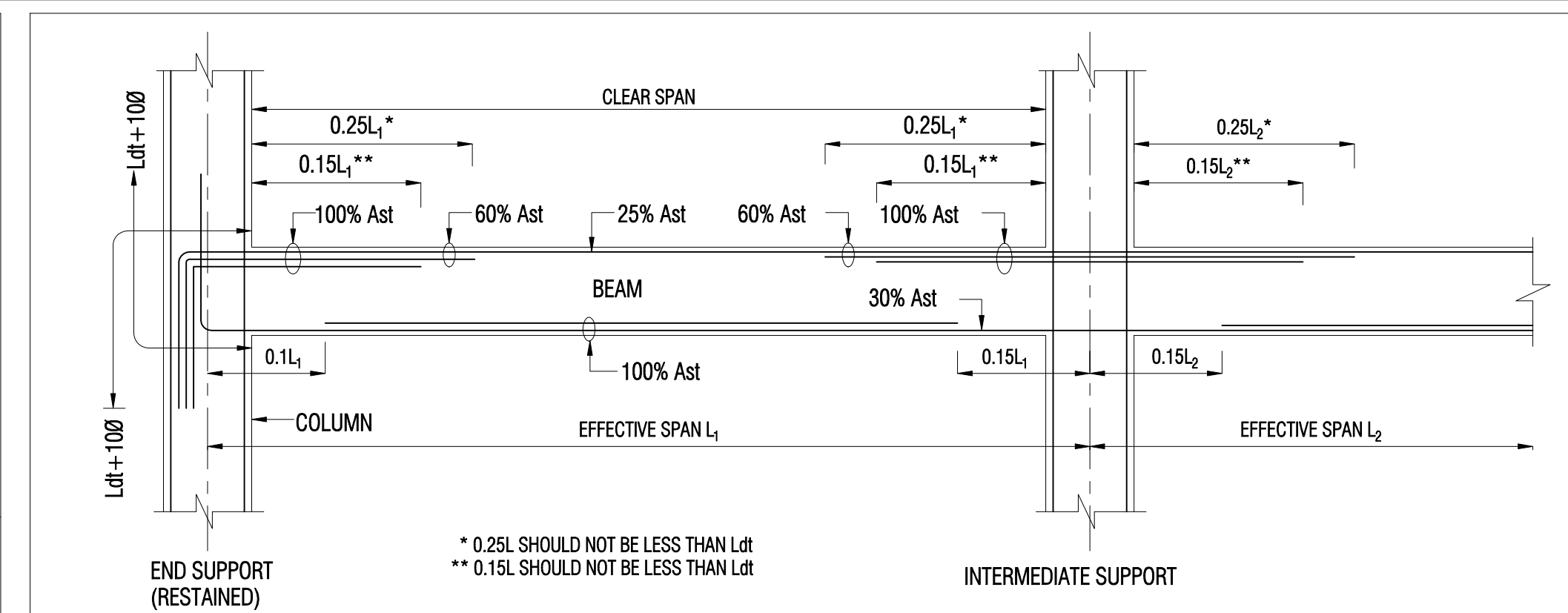
20 SPLICE WITH OFFSET CRNKD BAR IN A COLUMN (DETAIL-C)



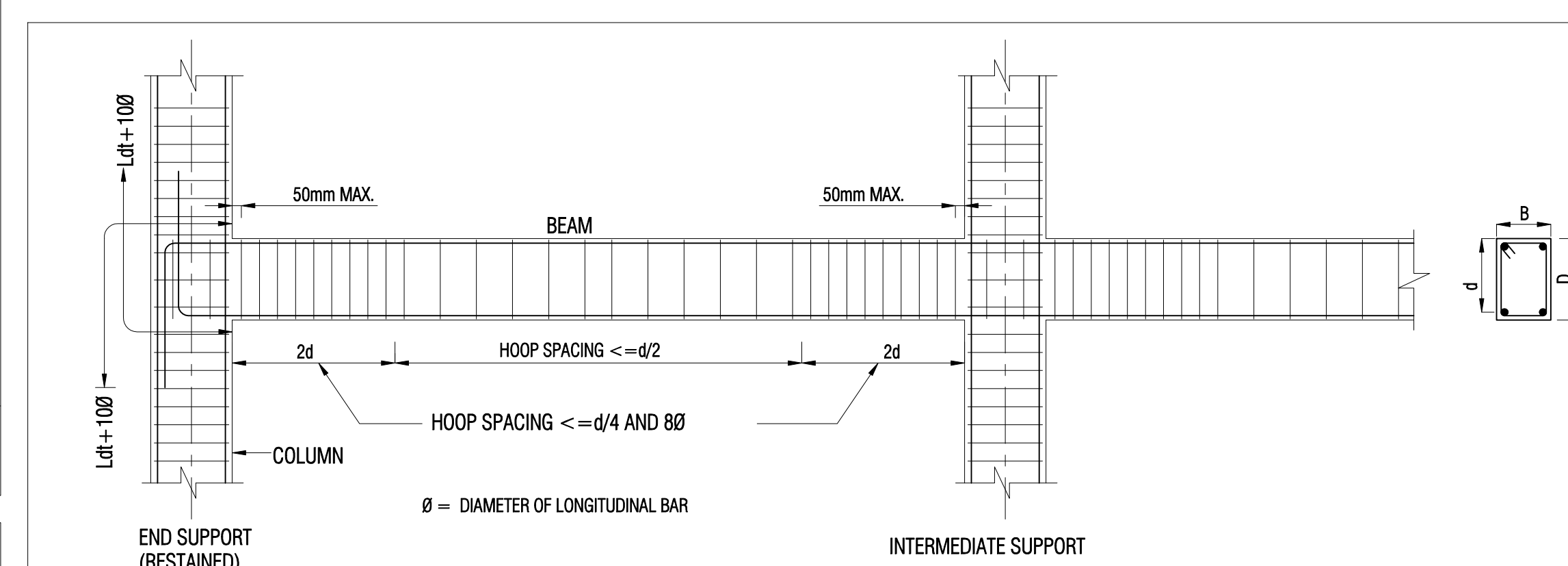
17 ANCHORAGE OF BEAM BARS IN AN EXTERNAL JOINT (DETAIL-B)



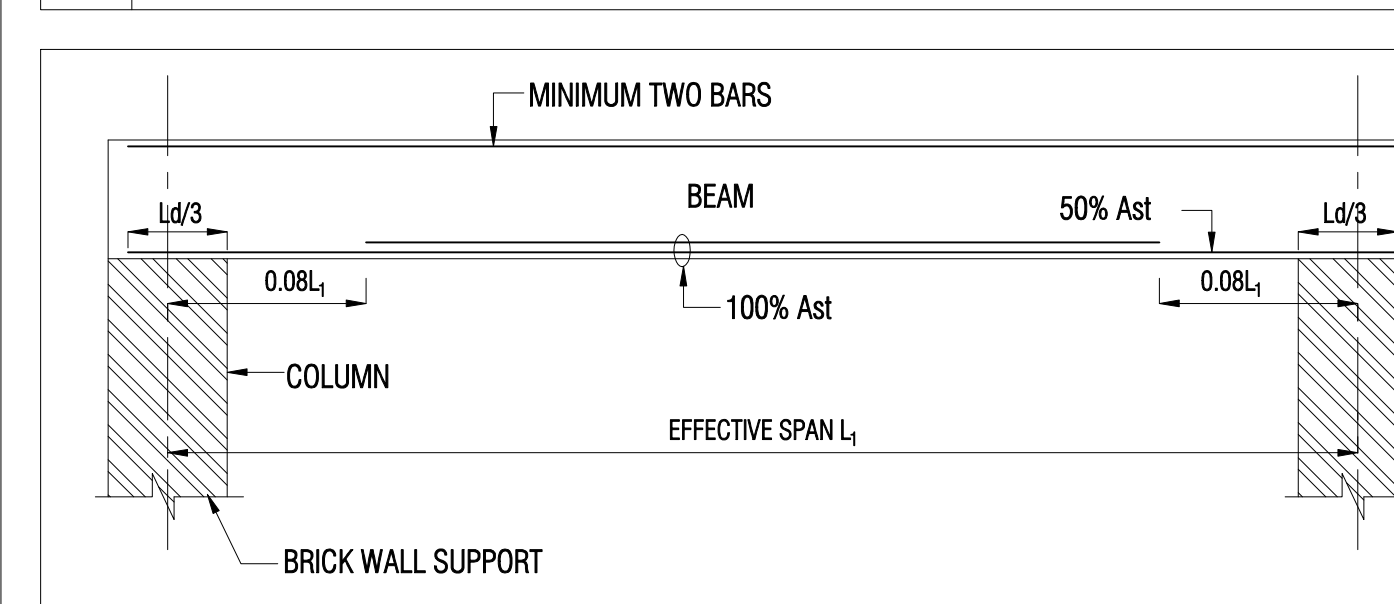
27 SIMPLIFIED RULES FOR CURTAILMENT OF BARS IN SLAB



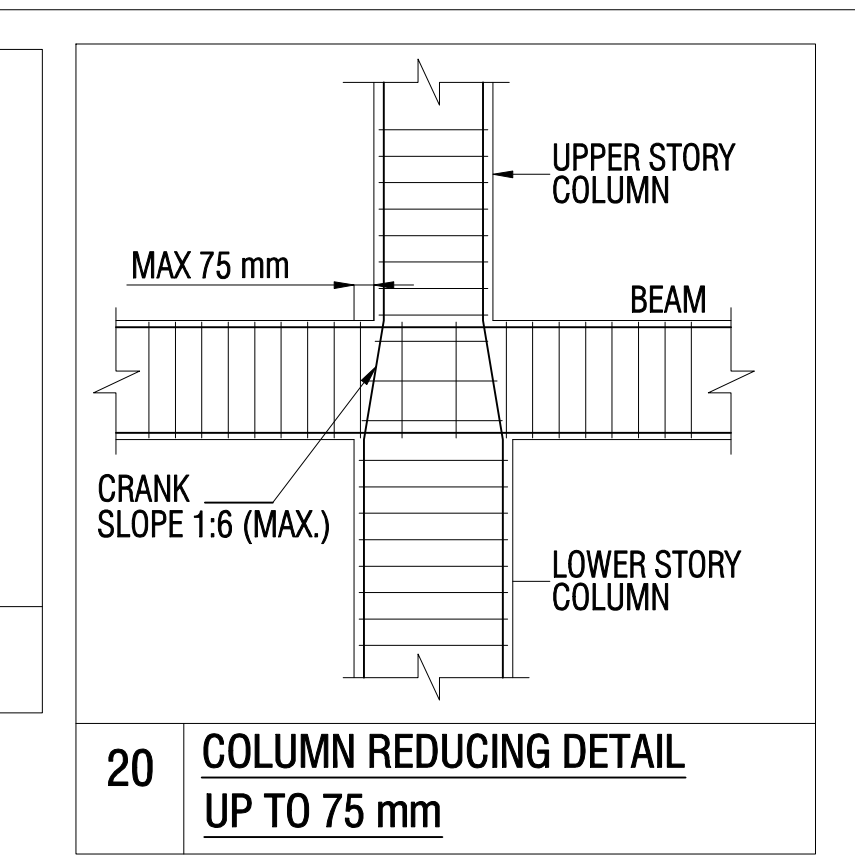
21 SIMPLIFIED CURTAILMENT RULES FOR CONTINUOUS BEAM



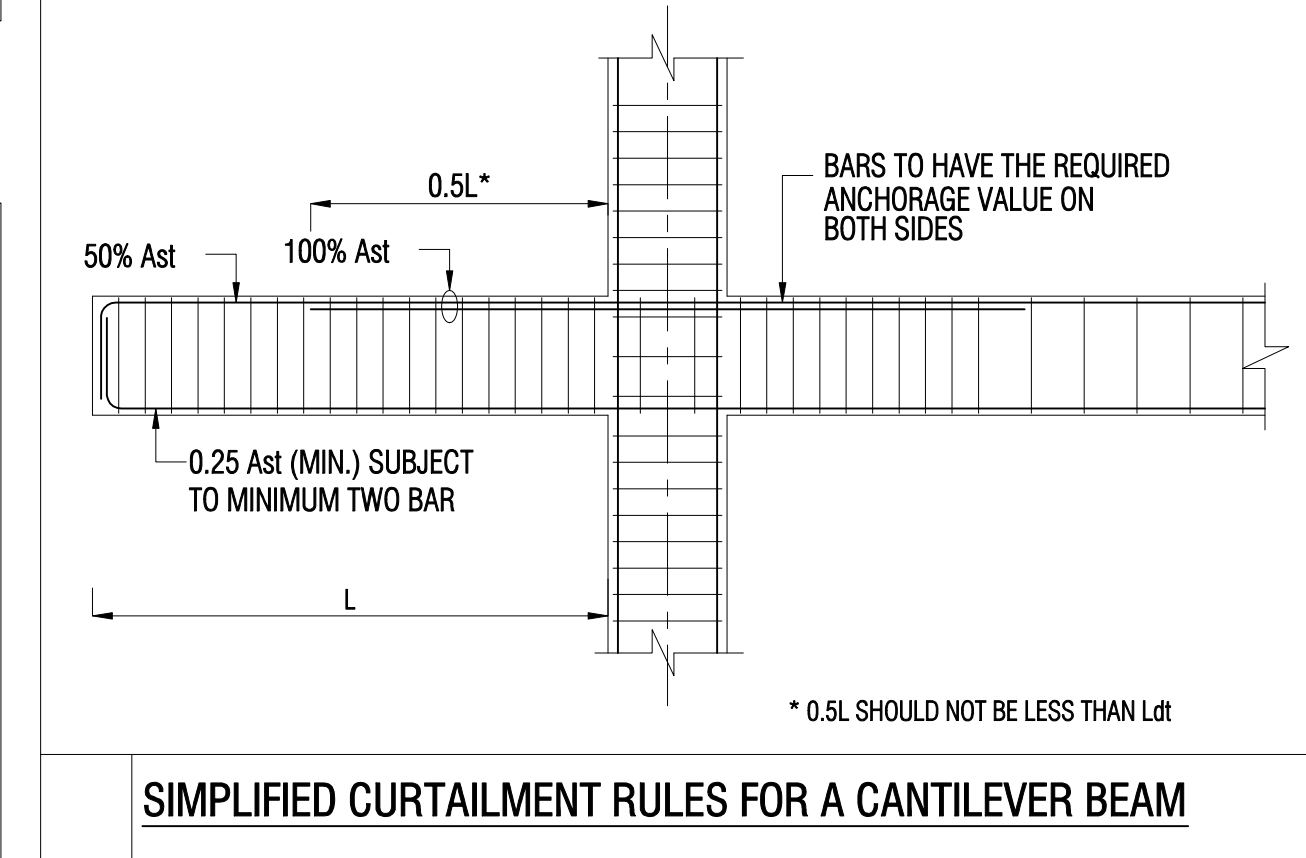
22 TYPICAL BEAM TRANSVERSE REINFORCEMENT DETAIL



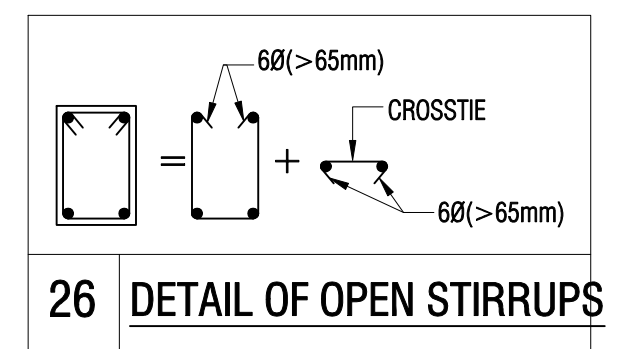
23 SIMPLIFIED CURTAILMENT RULES FOR SIMPLY SUPPORTED BEAM



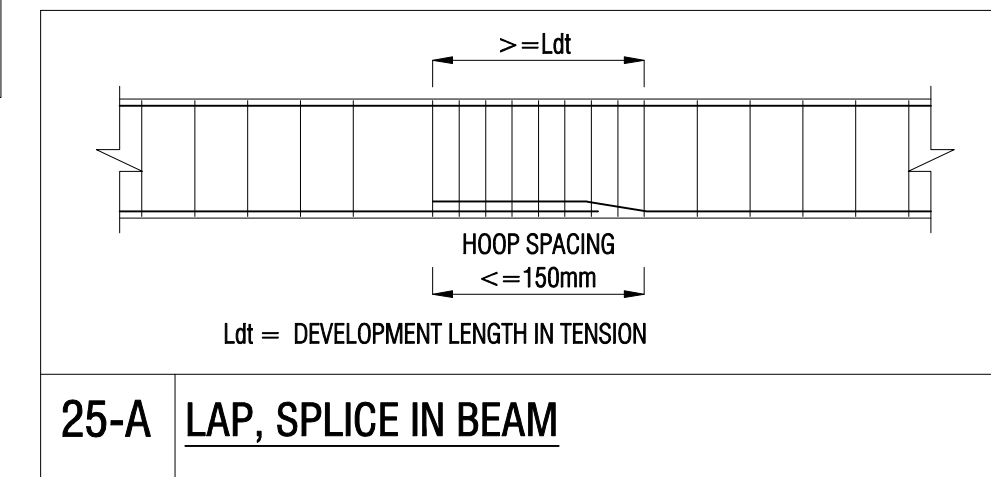
20 COLUMN REDUCING DETAIL UP TO 75 mm



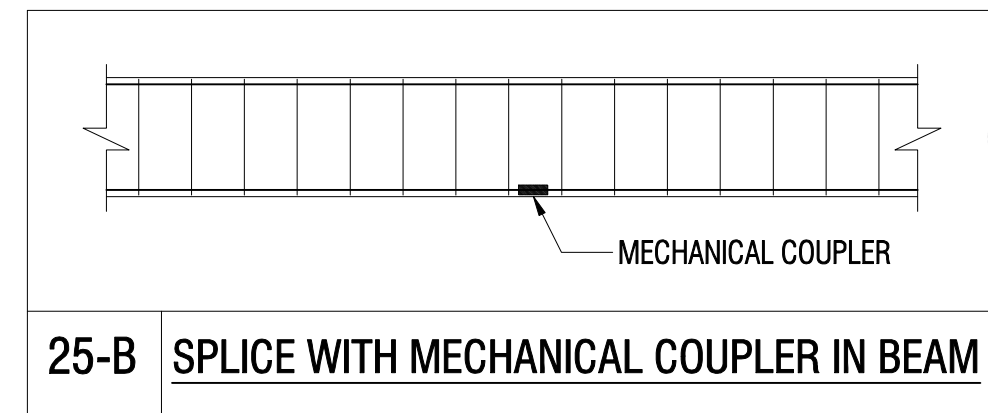
24 SIMPLIFIED CURTAILMENT RULES FOR A CANTILEVER BEAM



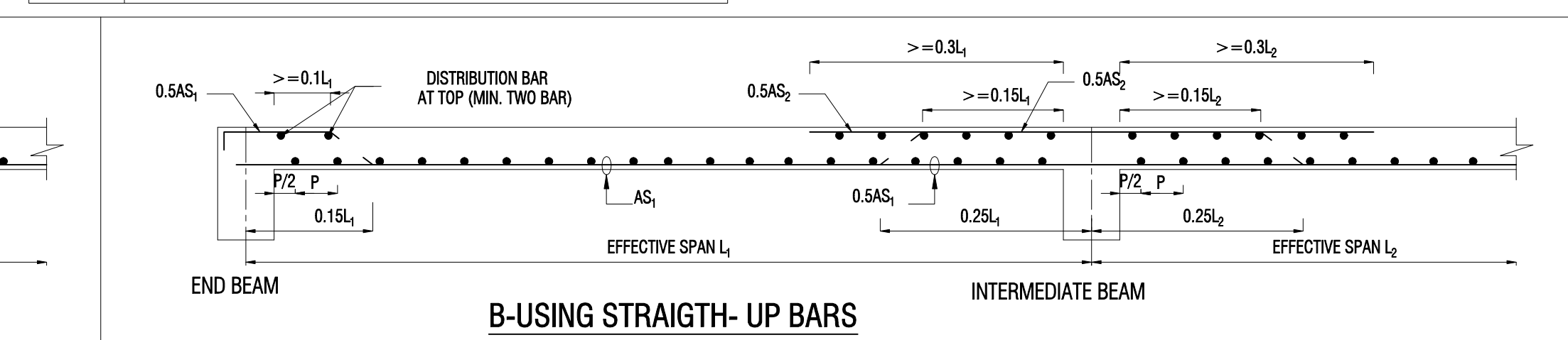
26 DETAIL OF OPEN STIRRUPS



25-A LAP, SPLICE IN BEAM



25-B SPLICE WITH MECHANICAL COUPLER IN BEAM



27 SIMPLIFIED RULES FOR CURTAILMENT OF BARS IN SLAB

Lokesh Wadhwa
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Aradhya Govind
ARADHYA GOVIND DEVELOPERS
PARTNER

GENERAL NOTES:	
1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM	
2. DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSION ONLY.	
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.	
4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTER UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.	
ABBREVIATIONS:	
* N.T.S. = NOT TO SCALE	
* B.W. = BOTH WAYS	
* T/B = TOP & BOTTOM	
DESIGN DATA:	
GRADE OF CONCRETE	M-25
GRADE OF STEEL	Fe-500 D
BUILDING DESIGN FOR	B+S+G+5
SBC CONSIDERED	15 T/m2

REINFORCEMENT DETAILS:	
1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 500 N/mm ² CONFORMING TO IS 1786-1985, SHALL BE USED.	
2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.	
3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION	
4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.	
CONC.GRADE	Ldt
M-25	490
5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@8"C/C OTHERWISE MENTIONED.	
6. REINFORCEMENT IN VARIOUS ELEMENTS IS SPECIFIED AS FOLLOWS:	
{ NUMBER OF BARS. a) 4#16 { DIA OF BARS IN mm. { DIA OF BARS IN mm. b) #10 @150 { C/C SPACING OF BARS IN mm.	

CONCRETE DETAILS:			
1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGRGATE SHALL BE 3/4" UNLESS OTHERWISE STATED.			
2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED.			
3. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-			
PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	50mm	50mm	50mm
COLUMNS/ S.WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE) 20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE) 40mm (ON EARTH SIDE)

MISCELLANEOUS:		
1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED.		
* WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS.		
* SLABS (PROPS LEFT UNDER)-----3 DAYS.		
* BEAM SOFFITS (PROPS LEFT)-----7 DAYS.		
* REMOVAL OF PORPS UNDER SLAB-----7 DAYS.		
SPAN UP TO 4.5 METER-----14 DAYS.		
SPAN OVER TO 6.0 METER-----21 DAYS.		
2. SPACER BERS:- SHALL BE 20MM DIA AS MAX. 4'-0"(1200) INTERVALS		
SYMBOLS:		
* BOTTOM BARS IN PLAN SHOWN THUS. _____		
* TOP BARS IN PLAN SHOWN THUS. -----		
REV. NO.	DATE:	REMARK

PROJECT:	
PROPOSED RESIDENTIAL BUILDING "AG HEIGHTS-III" AT PLOT NO. 19 & 20, SCHEME- ASHOK VIHAR, VILLAGE-MANYAWAS,JAIPUR,RAJASTHAN	
DRAWING TITLE:	
GENERAL NOTES	
CADD DEVELOPED:-	ER. MAHENDRA KUMAWAT
DESIGN BY :-	ER. LOKESH WADHWA
CHECKED BY:-	ER. RAJESH KUMAWAT
SCALE:-	N.T.S.
DRAWING NO:-	S-00
REVISION NO:-	R-00
DATE:-	14-02-2024

ARCHITECTS:	
WIDEFRAME DESIGNS	
ARCHITECTS. ENGINEERS. INTERIOR DESIGNERS.	
Ph :- 9928894029,+919413042673	
email :- wideframedesigns@gmail.com	
STRUCTURAL CONSULTANT:	
Frame Consultants	
STRUCTURAL PLANNER & DESIGNER	
D-85 Gautam Marg, Nirman Nagar, Jaipur	
Email:- frameconsultantsjaipur@gmail.com	
MO:- 9928816016,9024160011	

C-31
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-32
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-28
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-29
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-30
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-27
12"X30"
FOOTING TO GROUND FLOOR
9"X30"
GROUND FLOOR TO TERRACE

C-25
12"X30"
FOOTING TO GROUND FLOOR
9"X30"
GROUND FLOOR TO TERRACE

C-26
12"X30"
FOOTING TO GROUND FLOOR
9"X30"
GROUND FLOOR TO TERRACE

C-22
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-23
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-17
12"X30"
FOOTING TO GROUND FLOOR
9"X30"
GROUND FLOOR TO TERRACE

C-18
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-19
12"X30"
FOOTING TO GROUND FLOOR
9"X30"
GROUND FLOOR TO TERRACE

C-20
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-21
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-8
12"X30"
FOOTING TO GROUND FLOOR
9"X30"
GROUND FLOOR TO TERRACE

C-9
12"X30"
FOOTING TO GROUND FLOOR
9"X30"
GROUND FLOOR TO TERRACE

C-12
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-13
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-11
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-6
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-7
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

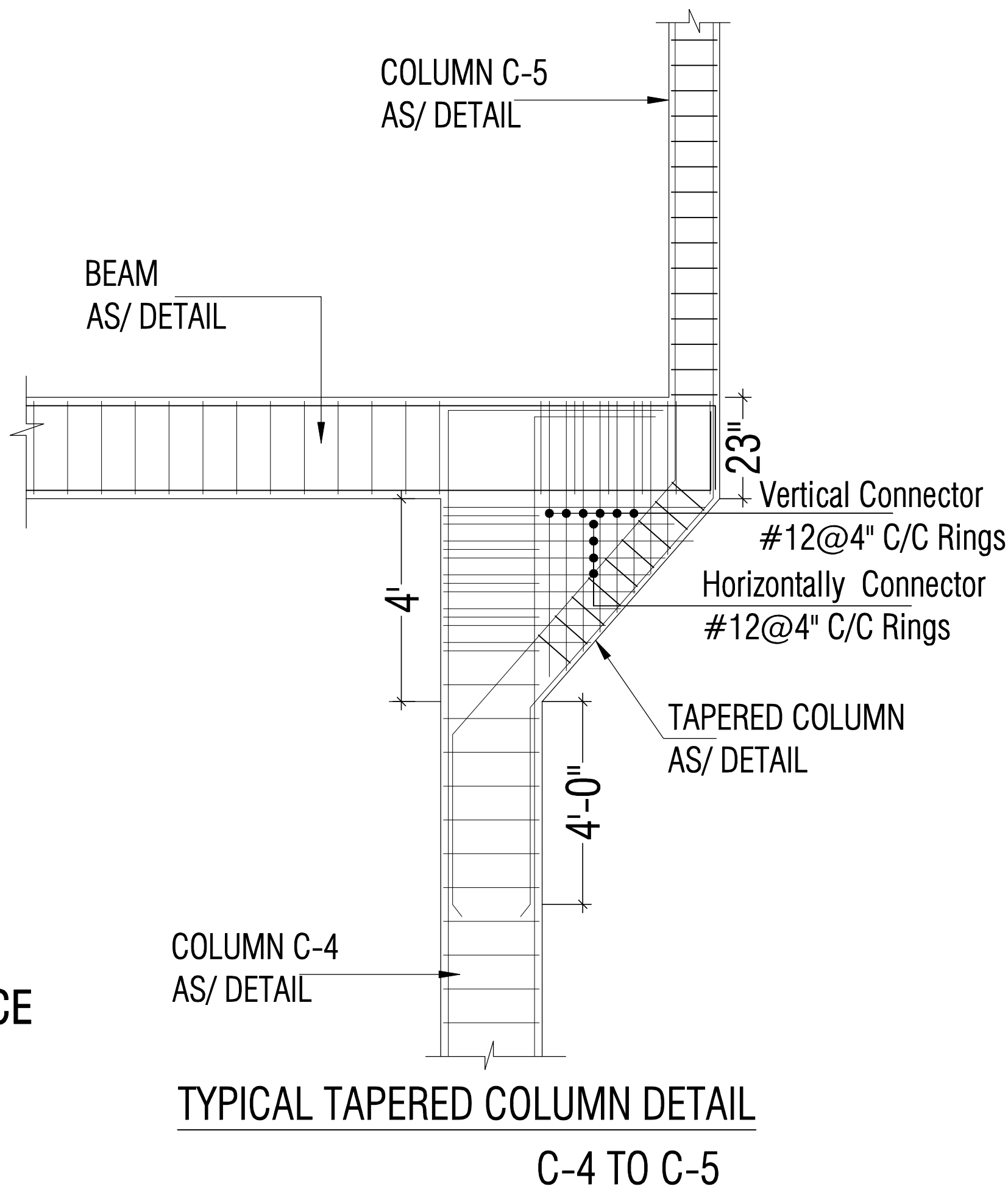
C-1
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-2
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-3
12"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-4
24"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE

C-5
9"X24"
FOOTING TO GROUND FLOOR
9"X24"
GROUND FLOOR TO TERRACE



AARADHYA GOVIND DEVELOPERS
Pankesh
PARTNER

Lokesh Wadhwa
FRAME CONSULTANTS
Er. LOKESH WADHWA
B.Tech.(Civil), M.Tech.(Structure)
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GENERAL NOTES:	
1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM	
2. DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSION ONLY.	
3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.	
4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.	
ABBREVIATIONS:	
* N.T.S. = NOT TO SCALE	
* B.W. = BOTH WAYS	
* T/B = TOP & BOTTOM	
DESIGN DATA:	
GRADE OF CONCRETE	M-25
GRADE OF STEEL	Fe-500 D
BUILDING DESIGN FOR	B+S+G+5
SBC CONSIDERED	15 T/m2

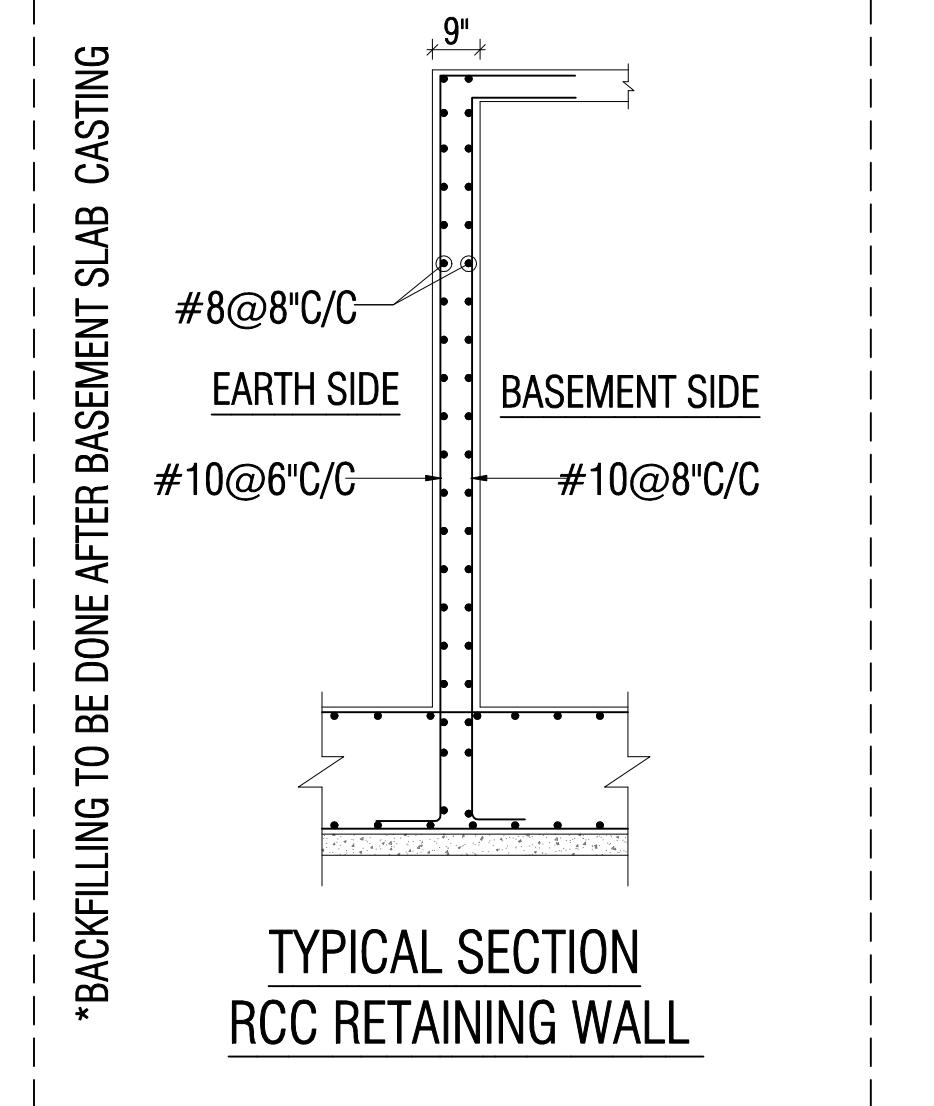
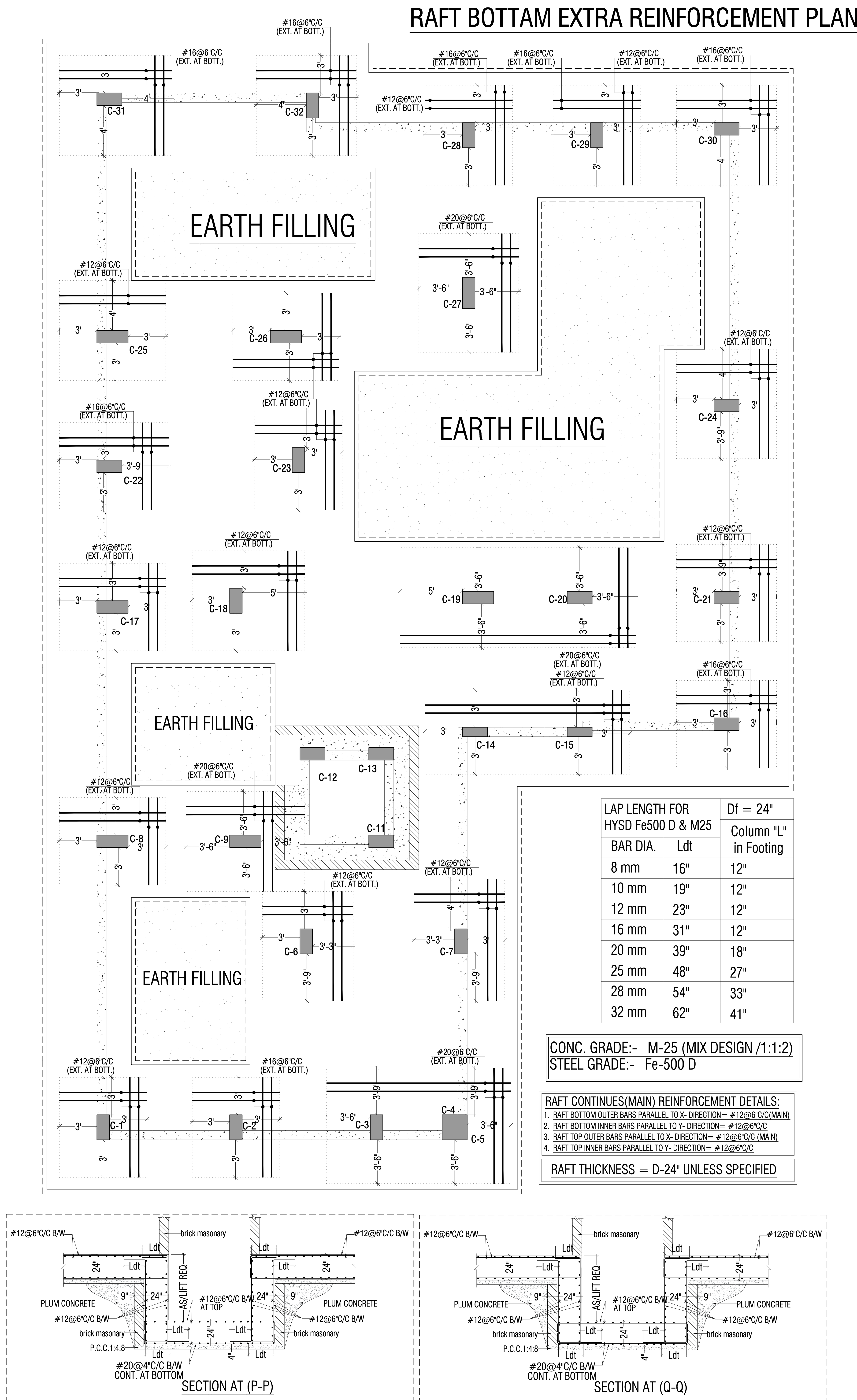
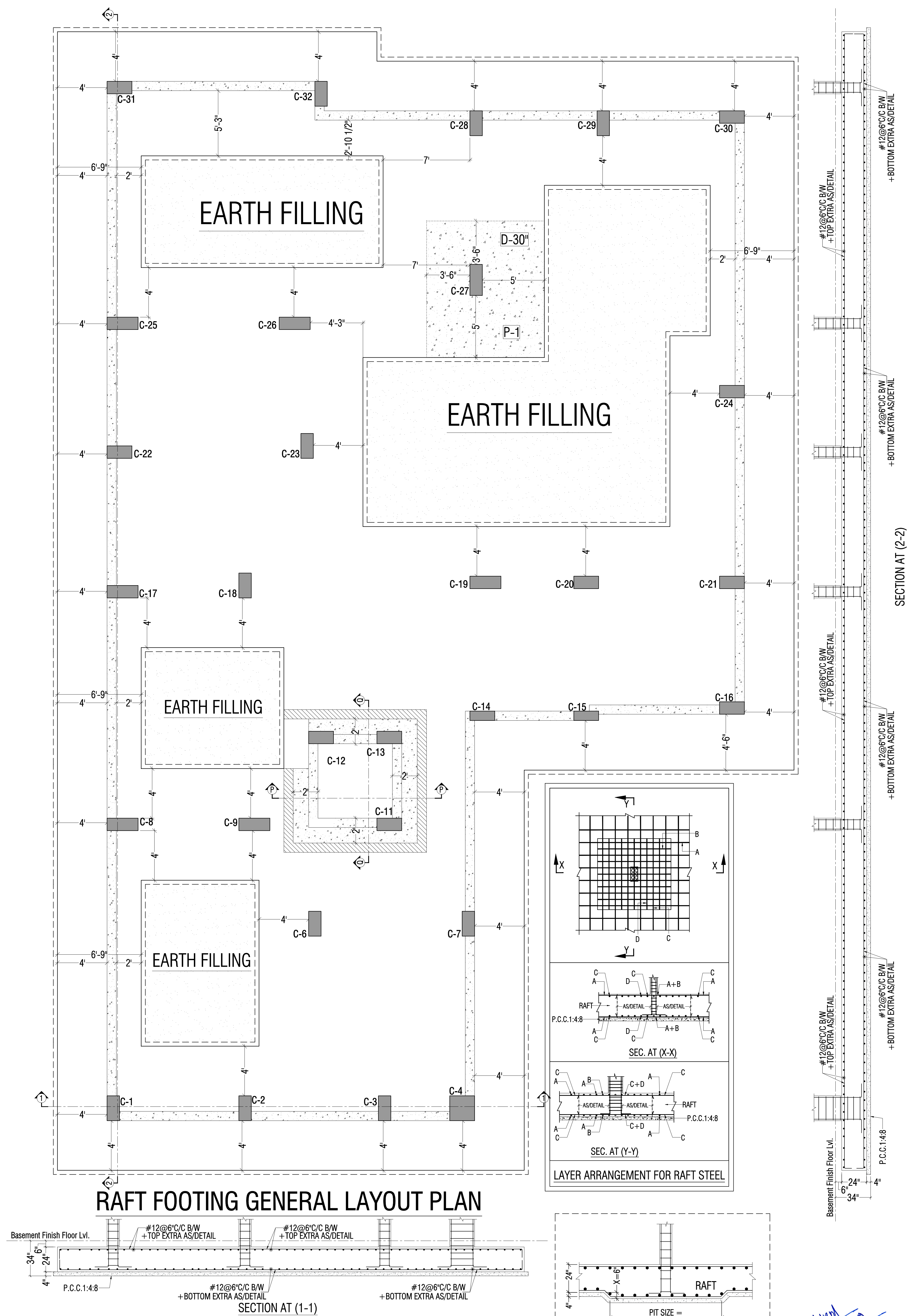
REINFORCEMENT DETAILS:	
1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 500 N/mm ² CONFORMING TO IS 1786-1985, SHALL BE USED.	
2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.	
3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION	
4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW, WHERE Ø IS DIA. OF BARS.	
CONC.GRADE	L _{dt}
M-25	49Ø
5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@8"C/C OTHERWISE MENTIONED.	
6. REINFORCEMENT IN VARIOUS ELEMENTS IS SPECIFIED AS FOLLOWS:	
a) 4#16 _____ DIA OF BARS IN mm.	
b) #10 @150 _____ C/C SPACING OF BARS IN mm.	

CONCRETE DETAILS:			
1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGRGATE SHALL BE 3/4" UNLESS OTHERWISE STATED.			
2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED.			
3. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-			
PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	50mm	50mm	50mm
COLUMNS/ S.WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE) 20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE) 40mm (ON EARTH SIDE)

MISCELLANEOUS:		
1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED.		
* WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS.		
* SLABS (PROPS LEFT UNDER)-----3 DAYS.		
* BEAM SOFFITS (PROPS LEFT)-----7 DAYS.		
* REMOVAL OF PORPS UNDER SLAB-----7 DAYS.		
SPAN UP TO 4.5 METER-----14 DAYS.		
SPAN OVER TO 6.0 METER-----21 DAYS.		
2. SPACER BERS:- SHALL BE 20MM DIA AS MAX. 4-Ø(1200) INTERVALS		
SYMBOLS:		
* BOTTOM BARS IN PLAN SHOWN THUS. _____		
* TOP BARS IN PLAN SHOWN THUS. _____		
REV. NO.	DATE:	REMARK

PROJECT:	
PROPOSED RESIDENTIAL BUILDING *AG HEIGHTS:-IIF AT PLOT NO. 19 & 20, SCHEME- ASHOK VIHAR, VILLAGE-MANYAWAS, JAIPUR, RAJASTHAN	
DRAWING TITLE:	
COLUMN LAYOUT PLAN	
CADD DEVELOPED:-	ER. MAHENDRA KUMAWAT
DESIGN BY :-	ER. LOKESH WADHWA
CHECKED BY:-	ER. RAJESH KUMAWAT
SCALE:-	N.T.S.
DRAWING NO:-	S-01
REVISION NO:-	R-01
DATE:-	14-02-2024

ARCHITECTS:	
WIDEFRAME DESIGNS ARCHITECTS, ENGINEERS, INTERIOR DESIGNERS.	
Ph :- 9928894029, +919413042673 email :- wideframedesigns@gmail.com	
STRUCTURAL CONSULTANT:	
Frame Consultants STRUCTURAL PLANNER & DESIGNER D-85 Gautam Marg, Nirman Nagar, Jaipur Email:- frameconsultantsjaipur@gmail.com MO:- 9928816016, 9024160011	



- GENERAL NOTES:**
- ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM
 - DO NOT SCALE THIS DRAWING. FOLLOW WRITTEN DIMENSION ONLY.
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 - ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAMS/SLAB AND GAP FILLED WITH LEAN CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.
- REINFORCEMENT DETAILS:**
- HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 500 N/mm² CONFORMING TO IS 1786-1985, SHALL BE USED.
 - LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.
 - LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
 - LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW, WHERE Ø IS DIA. OF BARS.
- | CONC. GRADE | Ldt |
|-------------|-----|
| M-25 | 45Ø |
5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF Ø8@8"/C OTHERWISE MENTIONED.
6. REINFORCEMENT IN VARIOUS ELEMENTS IS SPECIFIED AS FOLLOWS:
- NUMBER OF BARS:
- a) 4#16
DIA OF BARS IN mm.
- b) #10 @150
DIA OF BARS IN mm.
- c/c SPACING OF BARS IN mm.

CONCRETE DETAILS:

- NOMINAL SIZE OF CRUSHED STONE GRADED AGGREGATE SHALL BE 3/4" UNLESS OTHERWISE STATED.
- GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED.
- CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE -

PARTICULAR	BOTTOM TOP	SIDES
FOOTING	50mm	50mm
COLUMNS/ S WALLS	50mm	40mm
RETAINING WALL	25mm	40mm (EARTH SIDE) 20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm
SLAB	20mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)	25mm (ON WATER FACE)	40mm (ON ERTH SIDE)

- CONCRETE DETAILS:**
- REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED.
* WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS.
* SLABS (PROPS LEFT UNDER) — 3 DAYS.
* BEAM SOFFITS (PROPS LEFT) — 7 DAYS.
* REMOVAL OF FORMS UNDER SLAB — 7 DAYS.
* SPAN UP TO 4.5 METER — 14 DAYS.
* SPAN OVER 4.5 METER — 21 DAYS.
 - SPACER BERS:- SHALL BE 20MM DIA AS MAX. 4'-0" (1200) INTERVALS
- SYMBOLS:**
- * BOTTOM BARS IN PLAN SHOWN THUS. _____
- * TOP BARS IN PLAN SHOWN THUS. _____
- ABBREVIATIONS:**
- * N.T.S. = NOT TO SCALE
* R.F. = REINFORCEMENT
* B.W. = BOTH WAYS
* T/B = TOP & BOTTOM
- DESIGN DATA:**
- | | |
|------------------------------------|--------------------------------|
| GRADE OF CONCRETE | M-25 |
| GRADE OF STEEL | Fe-500 D |
| BUILDING DESIGN FOR SBC CONSIDERED | B+S+G+5
15 T/m ² |

REVISION NO. DATE REMARK

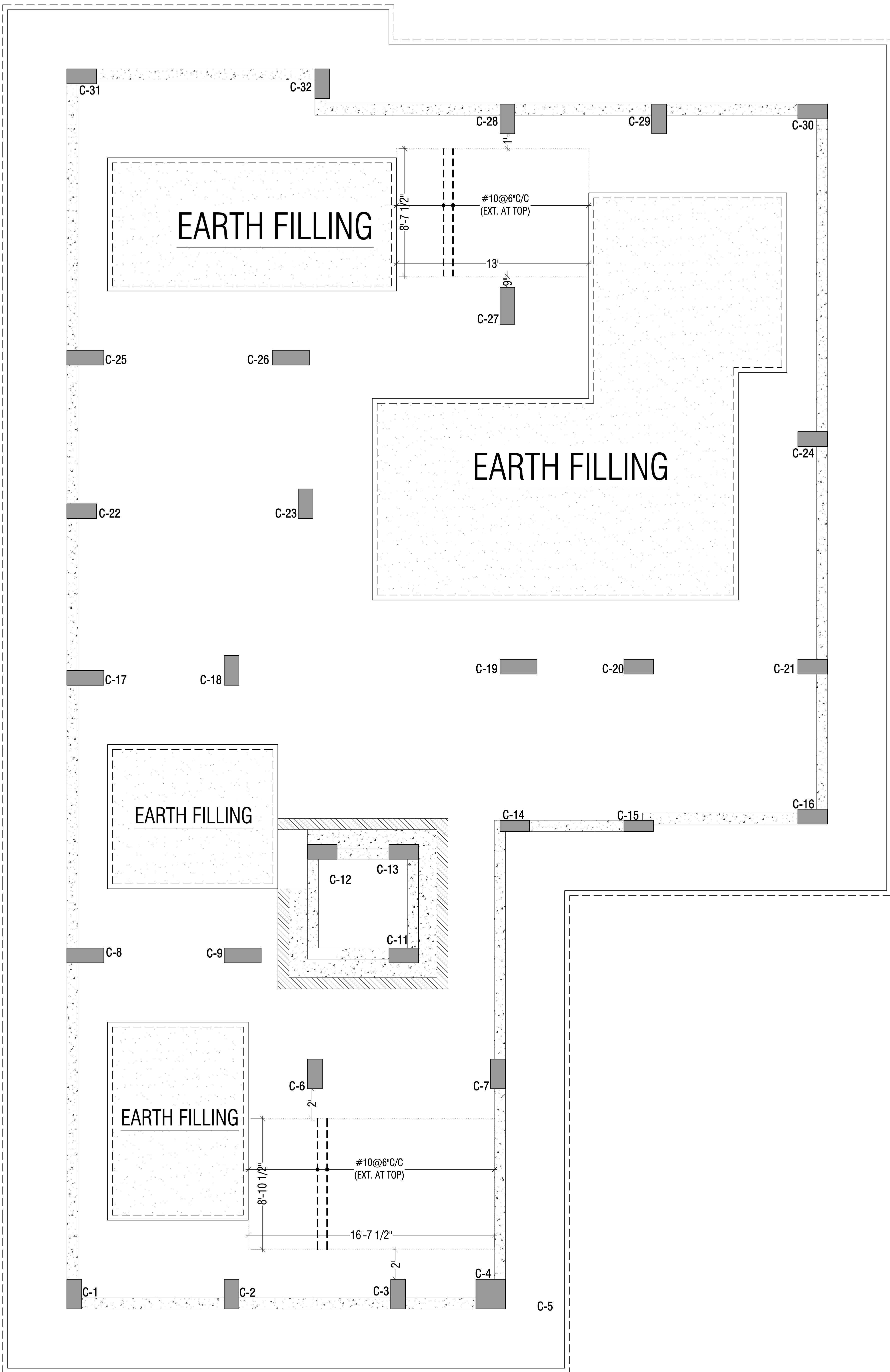
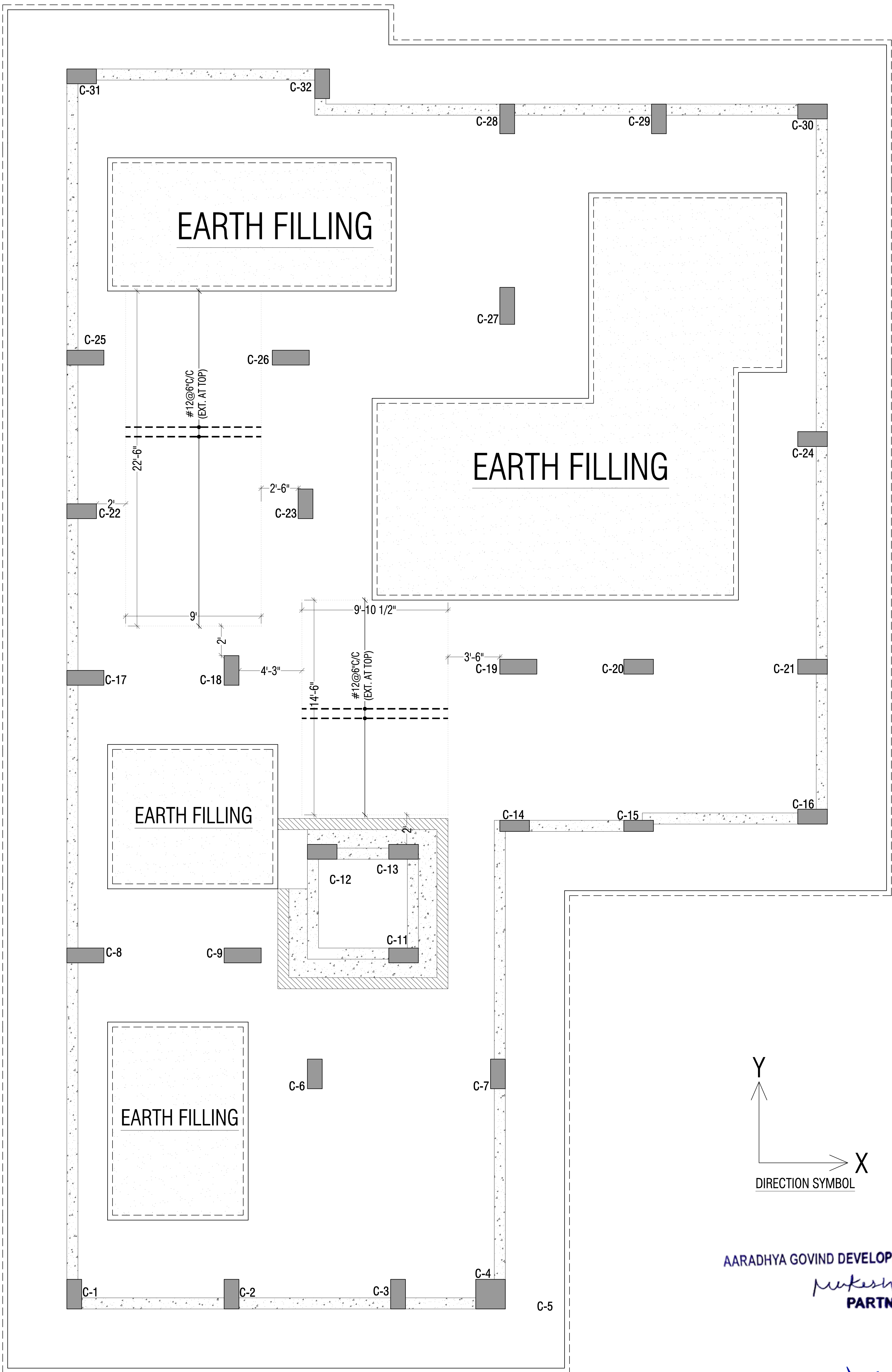
PROJECT:
PROPOSED RESIDENTIAL BUILDING "AG HEIGHTS-III"
AT PLOT NO. 19 & 20, SCHEME- ASHOK VIHAR,
VILLAGE-MANYAAS, JAIPUR, RAJASTHAN

DRAWING TITLE:
RAFT FOOTING LAYOUT PLAN & DETAIL 1/2
RAFT BOTTOM EXTRA REINFORCEMENT PLAN

ARCHITECTS:
WIDEFRADE DESIGNS
ARCHITECTS ENGINEERS INTERIOR DESIGNERS
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Frame Consultants
STRUCTURAL PLANNER & DESIGNER
D-85 Gautam Marg, Nirman Nagar, Jaipur
Email: frameconsultantsjaipur@gmail.com
MO: 9928816016, 9024160011

CADD DEVELOPED:- ER. MAHENDRA KUMAWAT
DESIGN BY:- ER. LOKESH WADHWA
CHECKED BY:- ER. RAJESH KUMAWAT
SCALE:- N.T.S.
DRAWING. NO. S-02
REVISION NO. R-01
DATE: 14-02-2024



GENERAL NOTES:

- ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM
- DO NOT SCALE THIS DRAWING. FOLLOW WRITTEN DIMENSION ONLY.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
- ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS:

- HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 500 N/mm² CONFORMING TO IS 1786-1985, SHALL BE USED.
- LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.
- LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION
- LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.

CONC. GRADE	Ldt
M-25	49Ø

- TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@8"C/C OTHERWISE MENTIONED.
- REINFORCEMENT IN VARIOUS ELEMENTS IS SPECIFIED AS FOLLOWS:

a) 4#16
DIA OF BARS IN mm.

b) #10 @150
C/C SPACING OF BARS IN mm.

CONCRETE DETAILS:

- NOMINAL SIZE OF CRUSHED STONE GRADED AGGRGATE SHALL BE 3/4" UNLESS OTHERWISE STATED.
- GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED.
- CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-

PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	50mm	50mm	50mm
COLUMNS/ S. WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE) 20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE) 40mm (ON EARTH SIDE)

CONCRETE DETAILS:

- REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED.

- * WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS.
- * SLABS (PROPS LEFT UNDER) ----- 3 DAYS.
- * BEAM SOFFITS (PROPS LEFT) ----- 7 DAYS.
- * REMOVAL OF PROPS UNDER SLAB ----- 7 DAYS.
- SPAN UP TO 4.5 METER ----- 14 DAYS.
- SPAN OVER TO 6.0 METER ----- 21 DAYS.

- SPACER BERS:- SHALL BE 20MM DIA AS MAX. 4'-0"(1200) INTERVALS

SYMBOLS:

- * BOTTOM BARS IN PLAN SHOWN THUS. -----
- * TOP BARS IN PLAN SHOWN THUS. -----

ABBREVIATIONS:

- * N.T.S. = NOT TO SCALE
- * R.F. = REINFORCEMENT
- * B.W. = BOTH WAYS
- * T/B = TOP & BOTTOM

DESIGN DATA:-

GRADE OF CONCRETE	M-25
GRADE OF STEEL	Fe-500 D
BUILDING DESIGN FOR	B + S + G + 5
SBC CONSIDERED	15 T/m ²

REVISION NO.	DATE:	REMARK

PROJECT:

PROPOSED RESIDENTIAL BUILDING "AG HEIGHTS-III"
AT PLOT NO. 19 & 20, SCHEME- ASHOK VIHAR,
VILLAGE-MANYAWAS, JAIPUR, RAJASTHAN

DRAWING TITLE:

RAFT FOOTING LAYOUT PLAN & DETAIL 2/2
RAFT TOP EXTRA REINFORCEMENT PLAN

ARCHITECTS:

WIDEFRADE DESIGNS
ARCHITECTS, ENGINEERS, INTERIOR DESIGNERS
Ph :- 9928840229, 919413042673
email :- wideframedesigns@gmail.com

STRUCTURAL CONSULTANT:

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STRUCTURAL PLANNER & DESIGNER
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Email:- frameconsultantsjaipur@gmail.com
MO:- 9928816016, 9024160011

CADD DEVELOPED:- ER. MAHENDRA KUMAWAT
DESIGN BY:- ER. LOKESH WADHWA
CHECKED BY:- ER. RAJESH KUMAWAT
SCALE:- N.T.S.
DRAWING. NO. S-03
REVISION NO. R-01
DATE: 14-02-2024

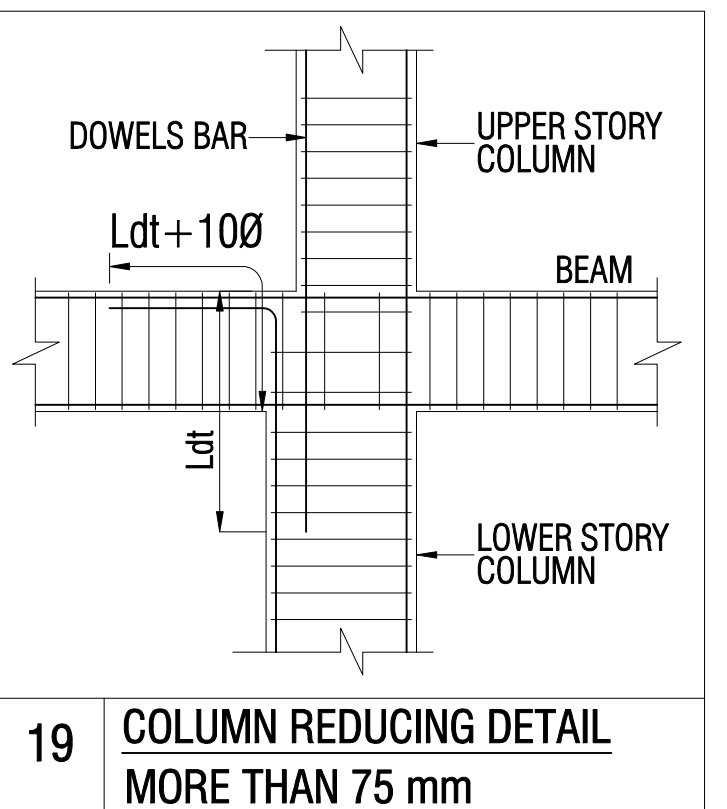
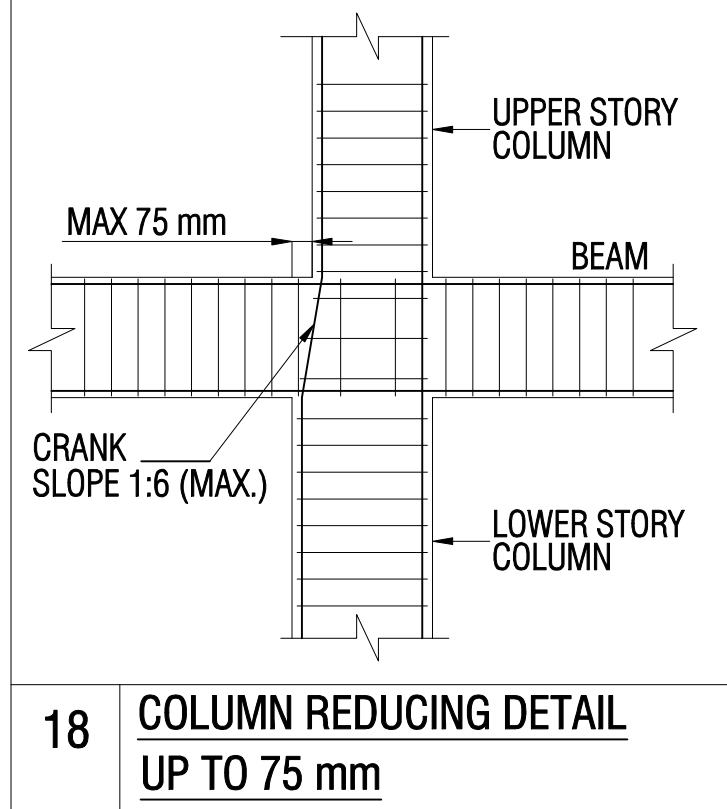
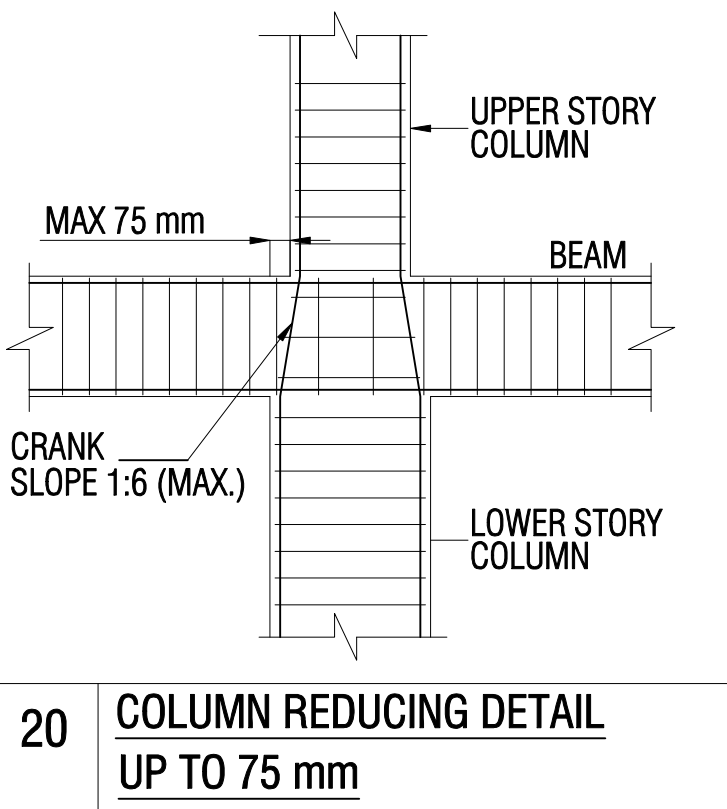
RAFT TOP EXTRA REINFORCEMENT PLAN (X-DIRECTION)

RAFT TOP EXTRA REINFORCEMENT PLAN (Y-DIRECTION)

AARADHYA GOVIND DEVELOPERS
Rakesh
PARTNER

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Er. LOKESH WADHWA
B.Tech.(Civil), M.Tech.(Structure)
IAStructE AM-232

FIFTH FLOOR LVL. TO TERRACE	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #10@4"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	C-10	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C
	 4#16+6#12 #8@7"C	 4#16+6#12 #8@7"C	 4#16+6#12 #8@7"C		 4#16+6#12 #8@7"C	 4#16+6#12 #8@7"C	 4#16+6#12 #8@7"C	 12#16+4#12 #8@7"C	 8#20+4#16 #8@7"C		 4#16+6#12 #8@7"C	 4#16+6#12 #8@7"C	 4#16+6#12 #8@7"C	 4#16+6#12 #8@7"C	 4#16+6#12 #8@7"C	 4#16+6#12 #8@7"C
FOURTH FLOOR LVL. TO FIFTH FLOOR LVL.	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C
THIRD FLOOR LVL. TO FOURTH FLOOR LVL.	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C
SECOND FLOOR LVL. TO THIRD FLOOR LVL.	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C
FIRST FLOOR LVL. TO SECOND FLOOR LVL.	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C
GROUND FLOOR LVL. TO FIRST FLOOR LVL.	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C
STILT FLOOR LVL. TO GROUND FLOOR LVL.	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C
FOOTING TO STILT FLOOR LVL.	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C
COLUMN MARKED	C-1	C-2	C-3	C-4	C-5	C-6	C-7	C-8	C-9	C-10	C-11	C-12	C-13	C-14	C-15	C-16



FIFTH FLOOR LVL. TO TERRACE	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C
FOURTH FLOOR LVL. TO FIFTH FLOOR LVL.	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C
THIRD FLOOR LVL. TO FOURTH FLOOR LVL.	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C
SECOND FLOOR LVL. TO THIRD FLOOR LVL.	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C
FIRST FLOOR LVL. TO SECOND FLOOR LVL.	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C
GROUND FLOOR LVL. TO FIRST FLOOR LVL.	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C
STILT FLOOR LVL. TO GROUND FLOOR LVL.	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C
FOOTING TO STILT FLOOR LVL.	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C	RINGS #8@7"C
COLUMN MARKED	C-17	C-18	C-19	C-20	C-21	C-22	C-23	C-24	C-25	C-26	C-27	C-28	C-29	C-30	C-31	C-32

BAR DIA LEGENDS

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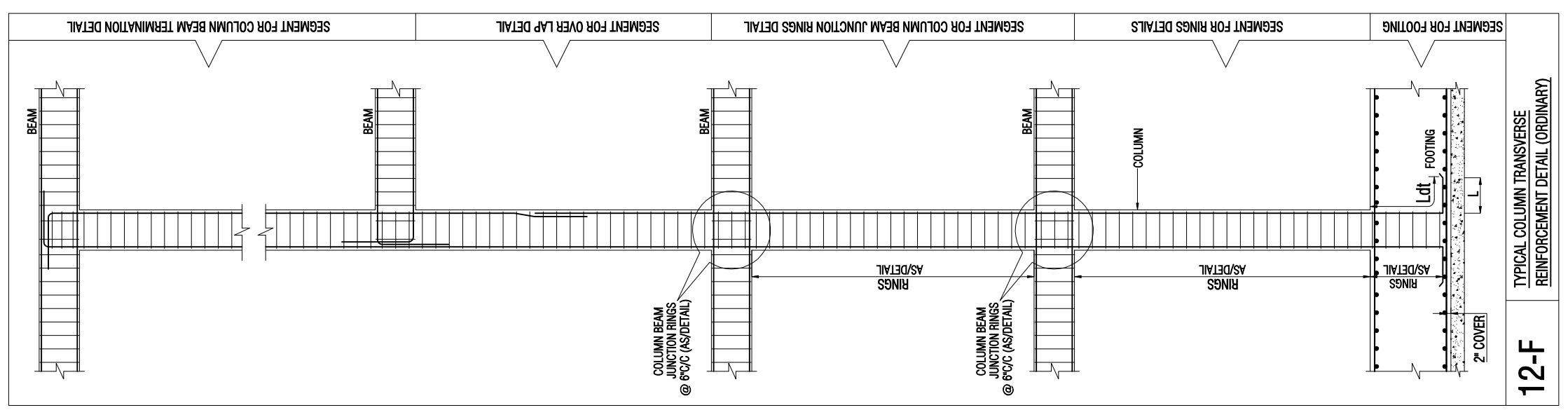
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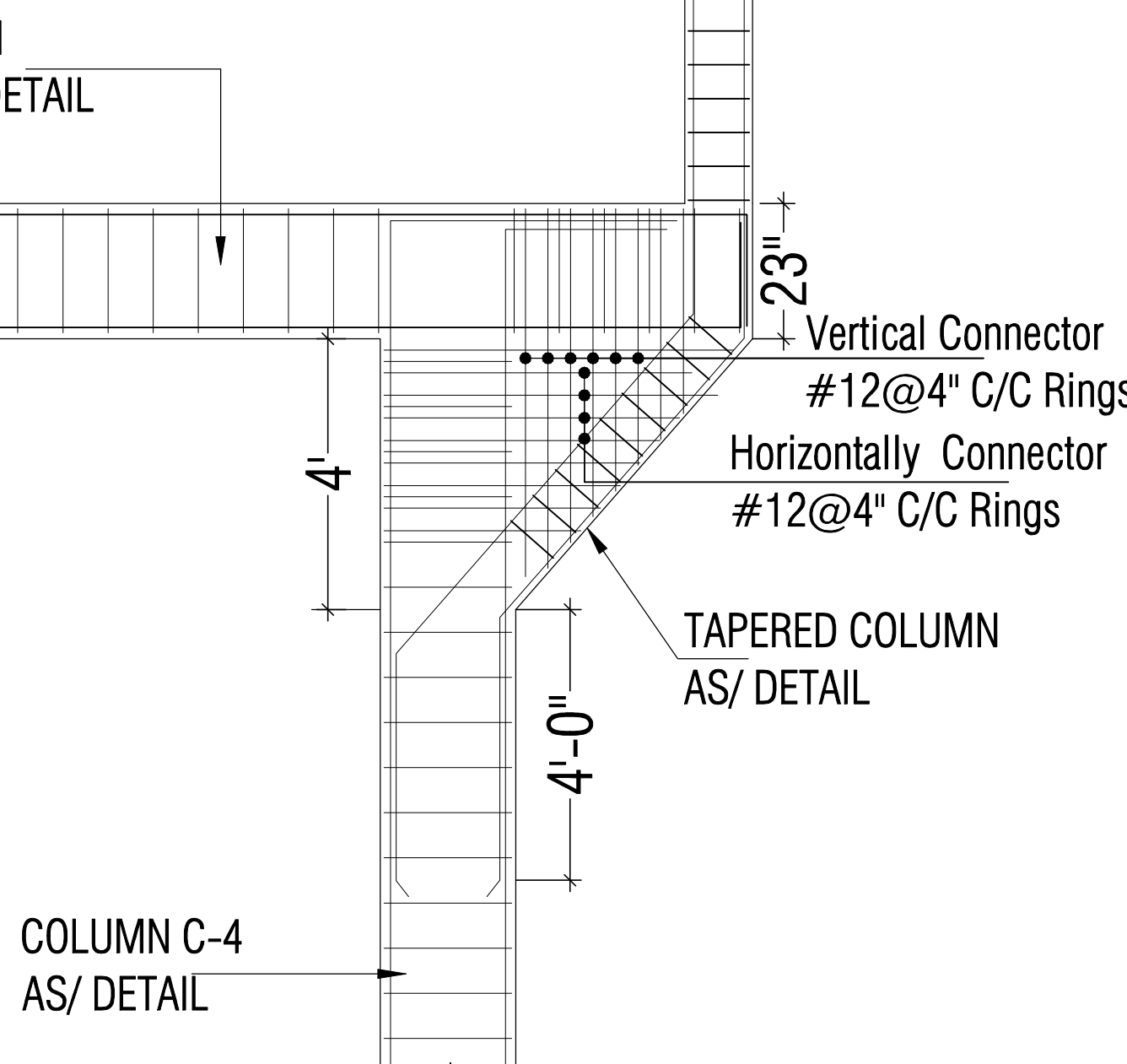
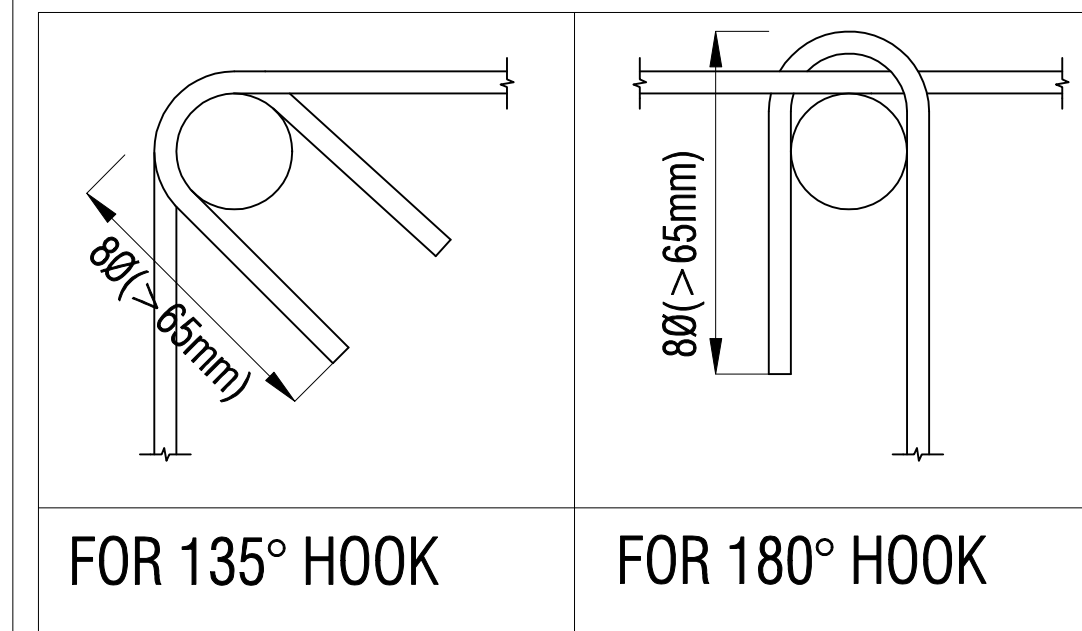
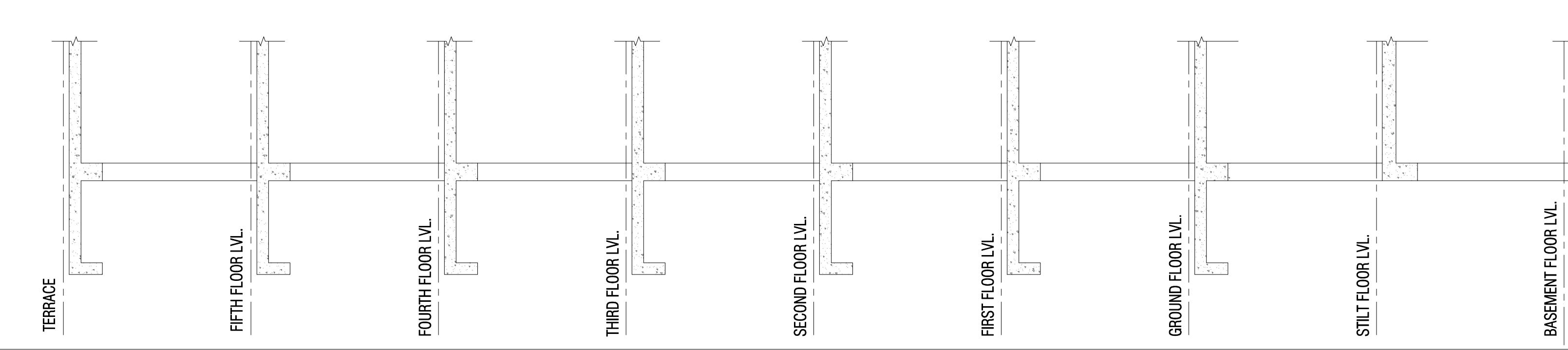
#25

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AARADHYA GOVIND DEVELOPERS
ER. LOKESH WADHWA
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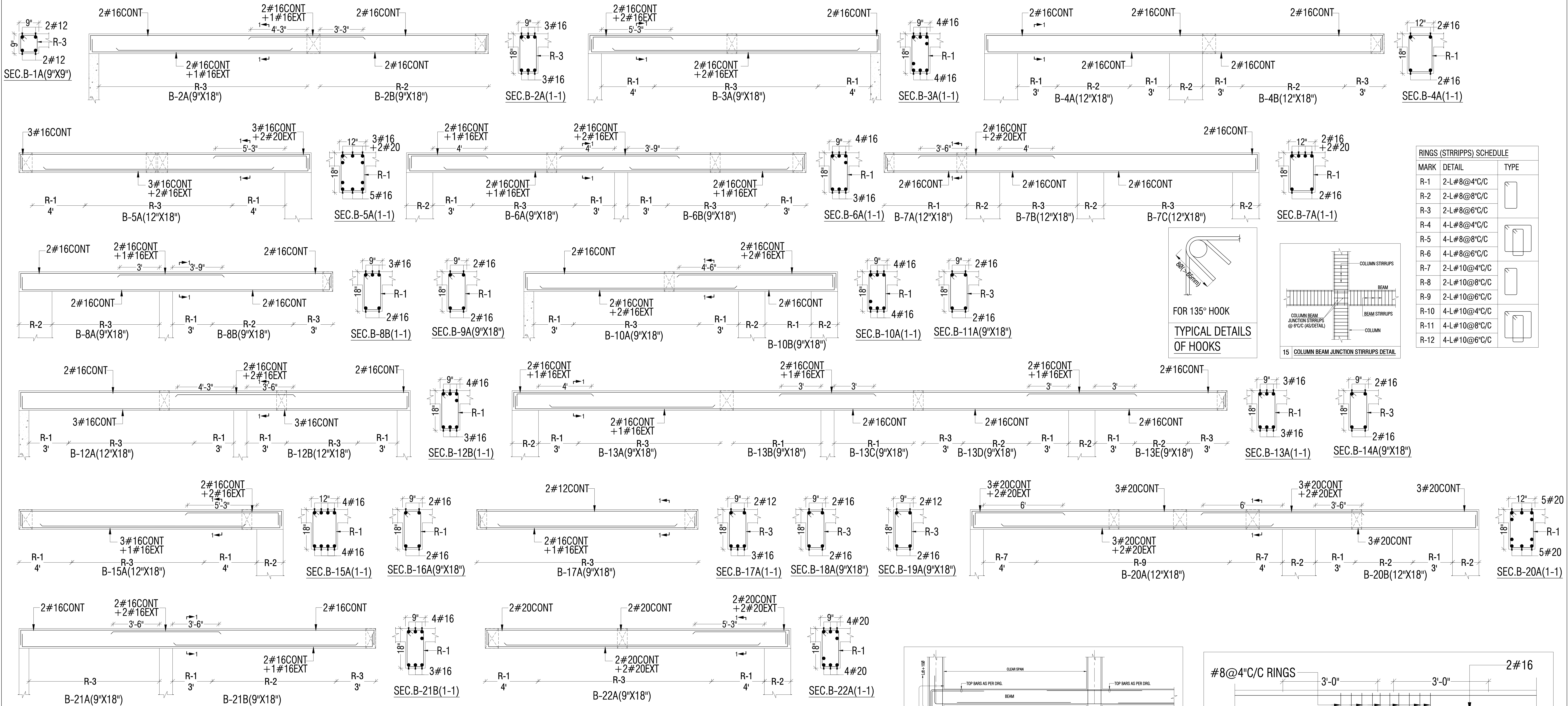


CONC. GRADE:- M-25 (MIX DESIGN 1:1:2)
STEEL GRADE:- Fe-500 D



TYPICAL TAPERED COLUMN DETAIL
C-4 TO C-5

GENERAL NOTES: 1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM 2. DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSION ONLY. 3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE. 4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.	REINFORCEMENT DETAILS: 1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 500 N/mm ² CONFORMING TO IS 1786-1985, SHALL BE USED. 2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED. 3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION 4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOWS: WHERE Ø IS DIA OF BARS. CONC. GRADE M-25 a) 4#16 DIA OF BARS IN mm. b) #10 @150 C/C SPACING OF BARS IN mm.	CONCRETE DETAILS: 1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGRGATE SHALL BE 3/4" UNLESS OTHERWISE STATED. 2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED. 3. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:- PARTICULAR BOTTOM TOP SIDES FOOTING 50mm 50mm 50mm COLUMNS/S. WALLS 40mm 40mm 40mm RETAINING WALL 25mm 40mm (EARTH SIDE) 20mm (N SIDE) BEAMS, LINTEL 25mm 25mm 25mm SLAB 20mm 15mm 25mm (WHERE APPLICABLE) WATER TANK (WALL & SLAB) 25mm (ON WATER FACE) 40mm (ON EARTH SIDE)	MISCELLANEOUS: 1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED. * WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS. * SLABS (PROPS LEFT UNDER)-----3 DAYS. * BEAM SOFFITS (PROPS LEFT)-----7 DAYS. * REMOVAL OF PORPS UNDER SLAB-----7 DAYS. SPAN UP TO 4.5 METER-----14 DAYS. SPAN OVER TO 6.0 METER-----21 DAYS. 2. SPACER BERS:- SHALL BE 20MM DIA AS MAX. 4'-0"(1200) INTERVALS SYMBOLS: * BOTTOM BARS IN PLAN SHOWN THUS. --- * TOP BARS IN PLAN SHOWN THUS. ---	PROJECT: PROPOSED RESIDENTIAL BUILDING "AG HEIGHTS-III" AT PLOT NO. 19 & 20, SCHEME-ASHOK VIHAR, VILLAGE-MANYAWAS, JAIPUR, RAJASTHAN DRAWING TITLE: COLUMN SCHEDULE CADD DEVELOPED:- ER. MAHENDRA KUMAWAT DESIGN BY :- ER. LOKESH WADHWA CHECKED BY:- ER. RAJESH KUMAWAT SCALE:- N.T.S. DRAWING NO:- S-04 REVISION NO:- R-01 DATE:- 14-02-2024	ARCHITECTS: WIDEFRAME DESIGNS ARCHITECTS, ENGINEERS, INTERIOR DESIGNERS. Ph :- 9928894029, 9919413042673 email :- wideframedesigns@gmail.com STRUCTURAL CONSULTANT: Frame Consultants STRUCTURAL PLANNER & DESIGNER D-85 Gautam Marg, Nirman Nagar, Jaipur Email:- frameconsultantsjaipur@gmail.com MO:- 9928816016, 9024160011
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NOTES

- FOR BEAMS TERMINATING ON COLUMN, TOP EXTRA BARS SHALL BE PROVIDED BEFORE LOWERING DOWN THE BEAM
- MAXIMUM NO. OF BARS IN A SINGLE LAYER SHALL BE 3 FOR 9" & 4 FOR 12" WIDE BEAM
- THE GAP BETWEEN TWO LAYER OF BARS EITHER ON TOP OR BOTTOM SHALL BE 1"

CONC. GRADE:- M-25 (MIX DESIGN /1:1:2)

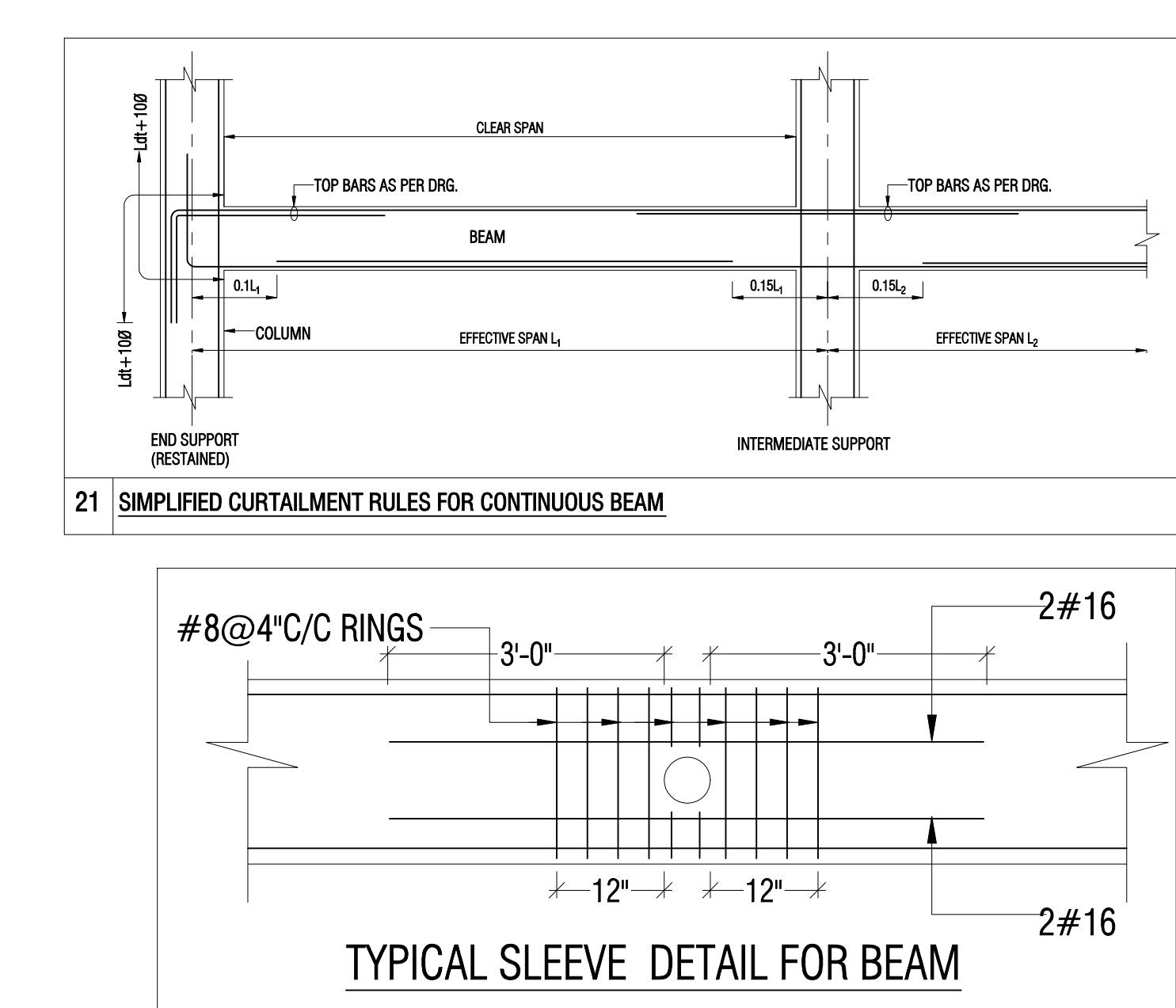
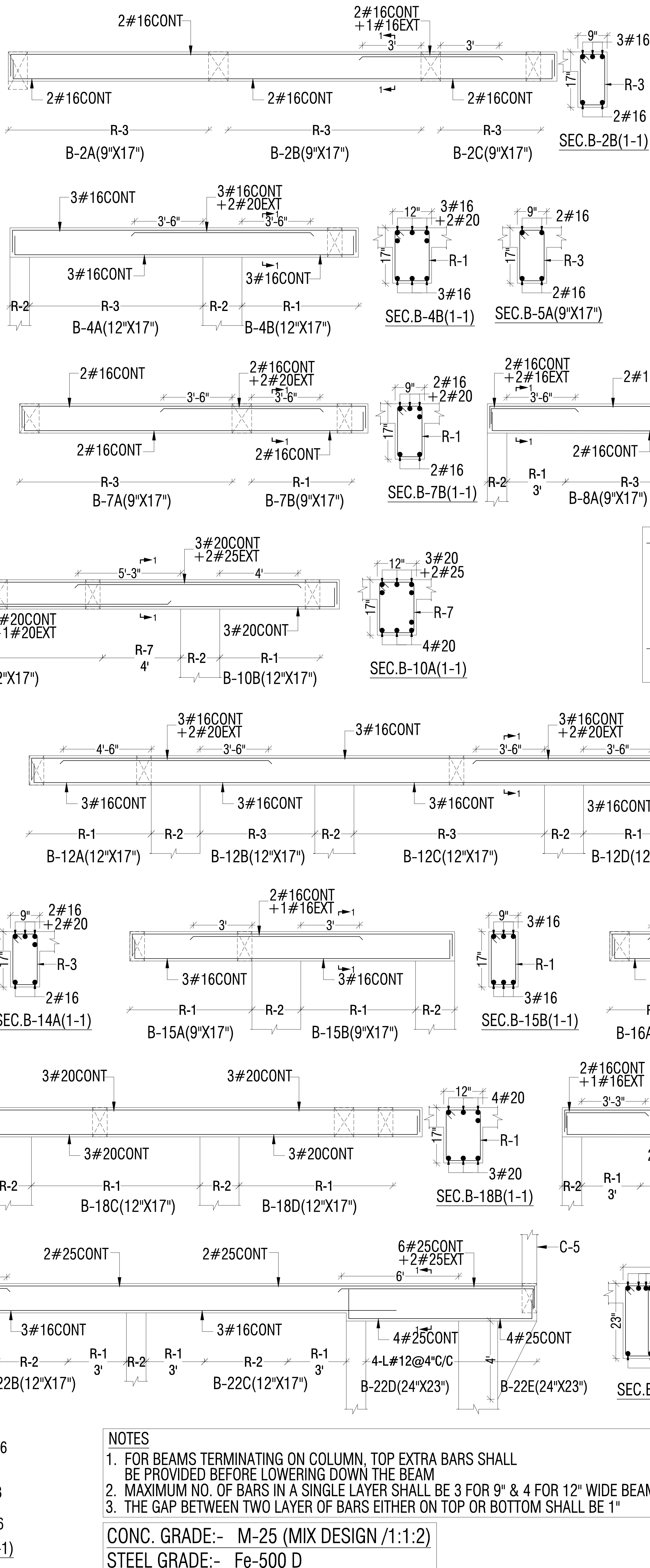
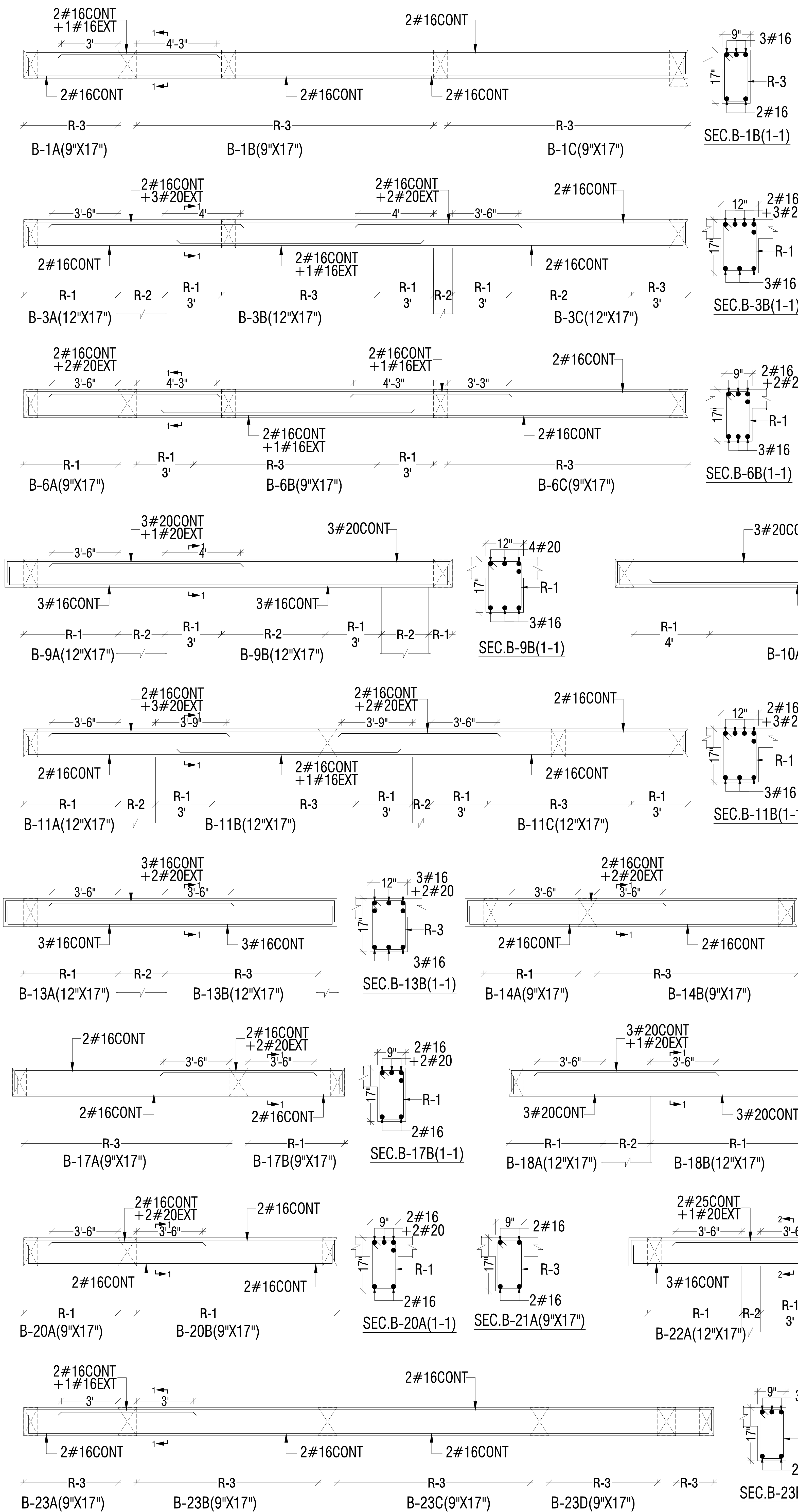
STEEL GRADE:- Fe-500 D

AARADHYA GOVIND DEVELOPERS

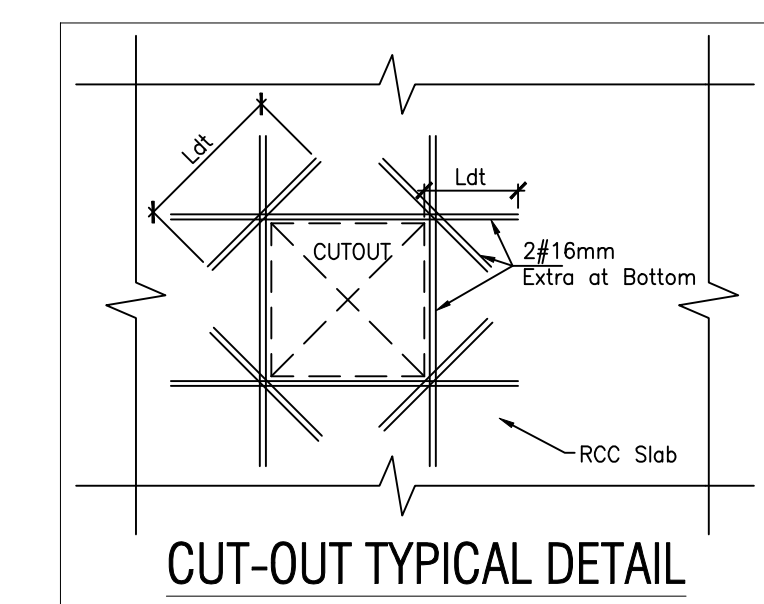
LOKESH WADHWA
PARTNER

FRAME CONSULTANTS
Er. LOKESH WADHWA
B.Tech.(Civil), M.Tech.(Structure)
IASTRUCTE AM-232

GENERAL NOTES:		REINFORCEMENT DETAILS:		CONCRETE DETAILS:		MISCELLANEOUS:		PROJECT:		ARCHITECTS:	
1. ALL DIMENSION AND LEVEL ARE IN FEET,INCHES, AND MM 2. DO NOT SCALE THIS DRAWING FOLLOW WRITTEN DIMENSION ONLY. 3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE. 4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTER UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.		1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 500 N/mm2 CONFORMING TO IS 1786-1985, SHALL BE USED. 2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED. 3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION 4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA OF BARS.		1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGRGATE SHALL BE 3/4" UNLESS OTHERWISE STATED. 2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED. 3. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-		1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED. * WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS. * SLABS (PROPS LEFT UNDER)-----3 DAYS. * BEAM SOFFITS (PROPS LEFT)-----7 DAYS. * REMOVAL OF PORPS UNDER SLAB-----14 DAYS. SPAN UP TO 4.5 METER-----21 DAYS. SPAN OVER TO 6.0 METER----21 DAYS. 2. SPACER BERS:- SHALL BE 20MM DIA AS MAX. 4'-0"(1200) INTERVALS		PROPOSED RESIDENTIAL BUILDING "AG HEIGHTS-III" AT PLOT NO. 19 & 20, SCHEME- ASHOK VIHAR, VILLAGE-MANYAWAS,JAIPUR,RAJASTHAN		WIDEFRAME DESIGNS ARCHITECTS. ENGINEERS. INTERIOR DESIGNERS.	
ABBREVIATIONS: * N.T.S. = NOT TO SCALE * B.W. = BOTH WAYS * T/B = TOP & BOTTOM		CONC.GRADE Ldt M-25 49Ø		PARTICULAR BOTTOM TOP SIDES FOOTING 50mm 50mm 50mm COLUMNS/ S.WALLS 40mm RETAINING WALL 25mm 40mm (EARTH SIDE) 20mm (IN SIDE) BEAMS, LINTEL 25mm 25mm 25mm SLAB 20mm 15mm 25mm (WHERE APPLICABLE) WATER TANK (WALL & SLAB) 25mm (ON WATER FACE) 40mm (ON EARTH SIDE)		SYMBOLS: * BOTTOM BARS IN PLAN SHOWN THUS. _____ * TOP BARS IN PLAN SHOWN THUS. - - - - -		DRAWING TITLE: BASEMENT FLOOR ROOF LVL.BEAM DETAIL		Ph :- 9928894029,+919413042673 email :- wideframedesigns@gmail.com	
DESIGN DATA: GRADE OF CONCRETE M-25 GRADE OF STEEL Fe-500 D BUILDING DESIGN FOR B+S+G+5 SBC CONSIDERED 15 T/m2		5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@8"C/C OTHERWISE MENTIONED. 6. REINFORCEMENT IN VARIOUS ELEMENTS IS SPECIFIED AS FOLLOWS: a) 4#16 b) #10 @150				REV. NO. DATE: REMARK		CADD DEVELOPED:- ER. MAHENDRA KUMAWAT DESIGN BY :- ER. LOKESH WADHWA CHECKED BY:- ER. RAJESH KUMAWAT SCALE:- N.T.S. DRAWING NO:- S-06 REVISION NO:- R-00 DATE:- 04-03-2024		STRUCTURAL CONSULTANT: Frame Consultants STRUCTURAL PLANNER & DESIGNER D-85 Gautam Marg, Nirman Nagar, Jaipur Email:- frameconsultantsjaipur@gmail.com MO:- 9928816016,9024160011	



RINGS (STRIPPIS) SCHEDULE		
MARK	DETAIL	TYPE
R-1	2-L#8@4"C/C	
R-2	2-L#8@8"C/C	
R-3	2-L#8@6"C/C	
R-4	4-L#8@4"C/C	
R-5	4-L#8@8"C/C	
R-6	4-L#8@6"C/C	
R-7	2-L#10@4"C/C	
R-8	2-L#10@8"C/C	
R-9	2-L#10@6"C/C	
R-10	4-L#10@4"C/C	
R-11	4-L#10@8"C/C	
R-12	4-L#10@6"C/C	



GENERAL NOTES:

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- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
- ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTER UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

REINFORCEMENT DETAILS:

- HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 500 N/mm² CONFORMING TO IS 1786-1985, SHALL BE USED.
- LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.
- LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION
- LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW. WHERE Ø IS DIA. OF BARS.

CONC. GRADE	L _{dt}
M-25	49Ø

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@8"C/C OTHERWISE MENTIONED.

6. REINFORCEMENT IN VARIOUS ELEMENTS IS SPECIFIED AS FOLLOWS:

a) 4#16
DIA OF BARS IN mm.

b) #10 @150
DIA OF BARS IN mm.
C/C SPACING OF BARS IN mm.

CONCRETE DETAILS:

- NOMINAL SIZE OF CRUSHED STONE GRADED AGGRGATE SHALL BE 3/4" UNLESS OTHERWISE STATED.
- GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED.
- CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-

PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	50mm	50mm	50mm
COLUMNS/S. WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE) 20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE) 40mm (ON EARTH SIDE)

CONCRETE DETAILS:

- REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED.
* WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS.
* SLABS (PROPS LEFT UNDER) ----- 3 DAYS.
* BEAM SOFFITS (PROPS LEFT) ----- 7 DAYS.
* REMOVAL OF PROPS UNDER SLAB ----- 7 DAYS.
SPAN UP TO 4.5 METER ----- 14 DAYS.
SPAN OVER TO 6.0 METER ----- 21 DAYS.

2. SPACER BERS:- SHALL BE 20MM DIA AS MAX. 4'-0"(1200) INTERVALS

SYMBOLS:

* BOTTOM BARS IN PLAN SHOWN THUS. —————

* TOP BARS IN PLAN SHOWN THUS. - - - - -

ABBREVIATIONS:

* N.T.S. = NOT TO SCALE

* R.F. = REINFORCEMENT

* B.W. = BOTH WAYS

* T/B = TOP & BOTTOM

DESIGN DATA:-

GRADE OF CONCRETE	M-25
GRADE OF STEEL	Fe-500 D
BUILDING DESIGN FOR SBC CONSIDERED	B+S+G+5 15 T/m ²

REVISION NO.	DATE:	REMARK

PROJECT:

PROPOSED RESIDENTIAL BUILDING "AG HEIGHTS-III"
AT PLOT NO. 19 & 20, SCHEME- ASHOK VIHAR,
VILLAGE-MANYAWAS, JAIPUR, RAJASTHAN

DRAWING TITLE:

STILT FLOOR ROOF LVL. BEAM DETAIL

ARCHITECTS:

WIDEFRAME DESIGNS
ARCHITECTS, ENGINEERS, INTERIOR DESIGNERS.

Ph:- 9928894028, +919413042873
email:- wideframedesigns@gmail.com

STRUCTURAL CONSULTANT:

Frame Consultants
STRUCTURAL PLANNER & DESIGNER
D-85 Gautam Marg, Nirman Nagar, Jaipur
Email:- frameconsultantsjaipur@gmail.com
MO:- 9928816016, 9024160011

CADD DEVELOPED:- ER. AJAY YADAV

DESIGN BY:- ER. LOKESH WADHWA

CHECKED BY:- ER. RAJESH KUMAWAT

SCALE:- N.T.S.

DRAWING. NO. S-08

REVISION NO. R-01

DATE: 19-03-2024

FOR 135° HOOK

TYPICAL DETAILS OF HOOKS

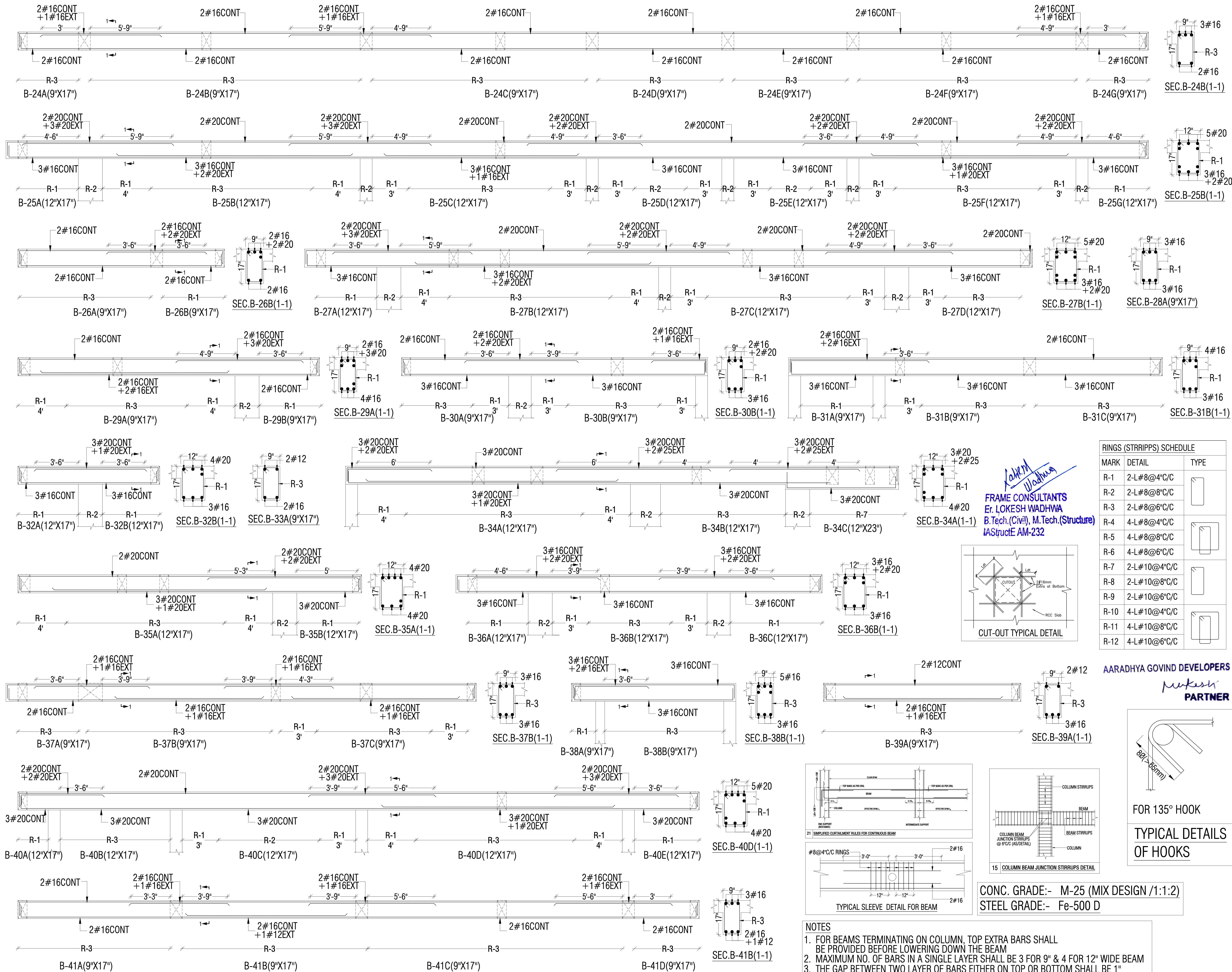
15 COLUMN BEAM JUNCTION STIRRUPS DETAIL

NOTES

- FOR BEAMS TERMINATING ON COLUMN, TOP EXTRA BARS SHALL BE PROVIDED BEFORE LOWERING DOWN THE BEAM
- MAXIMUM NO. OF BARS IN A SINGLE LAYER SHALL BE 3 FOR 9" & 4 FOR 12" WIDE BEAM
- THE GAP BETWEEN TWO LAYER OF BARS EITHER ON TOP OR BOTTOM SHALL BE 1"

CONC. GRADE:- M-25 (MIX DESIGN /1:1:2)

STEEL GRADE:- Fe-500 D



- GENERAL NOTES:
1. ALL DIMENSION AND LEVEL ARE IN FEET, INCHES, AND MM.
 2. DO NOT SCALE THIS DRAWING. FOLLOW WRITTEN DIMENSION ONLY.
 3. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH RELEVANT ARCHITECTURAL AND SERVICE DRAWING ANY DISCREPANCY SHOULD BE IMMEDIATELY BROUGHT TO NOTICE.
 4. ONLY LOAD BEARING WALLS ARE SHOWN IN PLAN OTHER WALLS SHALL BE STOPPED 1/2" BELOW SOFFIT OF BEAM/SLAB AND GAP FILLED WITH LEAN CEMENT MORTAR UNLESS OTHERWISE SHOWN IN ARCHITECTURAL DRAWING.

- REINFORCEMENT DETAILS:
1. HIGH YIELD STRENGTH DEFORMED BARS MARKED AS Ø WITH CHARACTERISTIC STRENGTH 500 N/mm² CONFORMING TO IS 1786-1985, SHALL BE USED.
 2. LAP IN SLAB & BEAMS OF SUPER STRUCTURE CLOSE TO MID SPAN FOR BOTTOM BARS & CLOSE TO SUPPORT FOR TOP BARS SHALL BE AVOIDED.
 3. LAP SHALL BE STAGGERED SO THAT NO MORE THAN 1/3 OF BARS SHALL BE LAPPED AT ANY SECTION.
 4. LAP LENGTH FOR HIGH YIELD STRENGTH DEFORMED BARS SHALL BE AS FOLLOW, WHERE Ø IS DIA. OF BARS.
- | CONC. GRADE | Ld |
|-------------|-----|
| M-25 | 49Ø |
5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF Ø8@8"C/C OTHERWISE MENTIONED.
 6. REINFORCEMENT IN VARIOUS ELEMENTS IS SPECIFIED AS FOLLOWS:
NUMBER OF BARS.
a) 4#16
DIA OF BARS IN mm.
b) #10 @150
DIA OF BARS IN mm.
C/C SPACING OF BARS IN mm.

CONCRETE DETAILS:

1. NOMINAL SIZE OF CRUSHED STONE GRADED AGGRGATE SHALL BE 3/4" UNLESS OTHERWISE STATED.
2. GRADE OF CONCRETE SHALL BE M-25 CONFORMING TO IS 456-2000 UNLESS OTHERWISE NOTED.
3. CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE :-

PARTICULAR	BOTTOM	TOP	SIDES
FOOTING	50mm	50mm	50mm
COLUMNS/ S.WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE) 20mm (W SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE) 40mm (ON EARTH SIDE)

- CONCRETE DETAILS:
1. REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED.
* WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS.
* SLABS (PROPS LEFT UNDER) ----- 3 DAYS.
* BEAM SOFFITS (PROPS LEFT) ----- 7 DAYS.
* REMOVAL OF FORMS UNDER SLAB ----- 14 DAYS.
SPAN OVER TO 6.0 METER ----- 21 DAYS.
 2. SPACER BERS:- SHALL BE 20MM DIA AS MAX. 4'-0"(1200) INTERVALS
- SYMBOLS:
- * BOTTOM BARS IN PLAN SHOWN THUS. -----
 - * TOP BARS IN PLAN SHOWN THUS. -----
- ABBREVIATIONS:
- * N.T.S. = NOT TO SCALE
 - * R.F. = REINFORCEMENT
 - * B.W. = BOTH WAYS
 - * T/B = TOP & BOTTOM

DESIGN DATA:-

GRADE OF CONCRETE	M-25
GRADE OF STEEL	Fe-500 D
BUILDING DESIGN FOR	B+S+G+5
SBC CONSIDERED	15 t/m ²

REVISION NO.	DATE:	REMARK

PROJECT:
PROPOSED RESIDENTIAL BUILDING "AG HEIGHTS-III"
AT PLOT NO. 19 & 20, SCHEME- ASHOK VIHAR,
VILLAGE-MANYAWAS, JAIPUR, RAJASTHAN

DRAWING TITLE:
STILT FLOOR ROOF LVL. BEAM DETAIL

ARCHITECTS:
WIDEFRAME DESIGNS
ARCHITECTS, ENGINEERS, INTERIOR DESIGNERS.
Ph :- 9928894022, +919413042673
email :- wideframedesigns@gmail.com

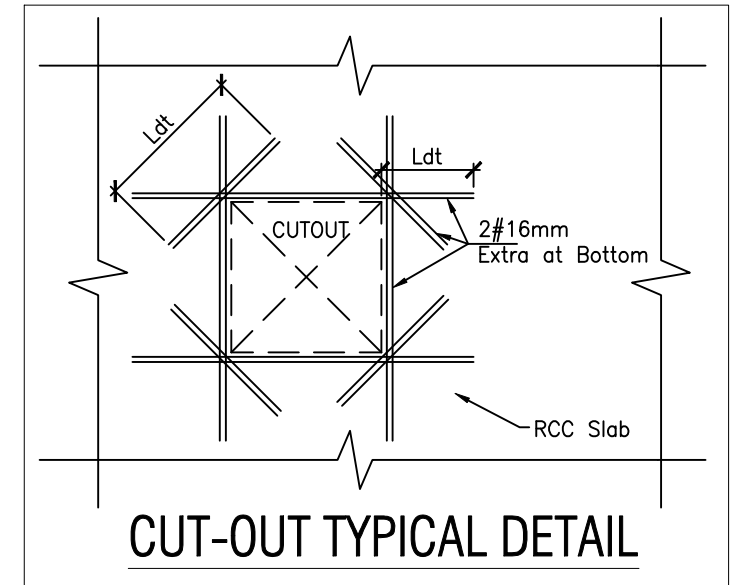
STRUCTURAL CONSULTANT:
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STRUCTURAL PLANNER & DESIGNER
D-85 Gautam Marg, Nirman Nagar, Jaipur
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MO:- 9928816016, 9024160011

CADD DEVELOPED:- ER. AJAY YADAV
DESIGN BY:- ER. LOKESH WADHWA
CHECKED BY:- ER. RAJESH KUMAWAT
SCALE:- N.T.S.
DRAWING. NO. S-09
REVISION NO. R-01
DATE: 19-03-2024

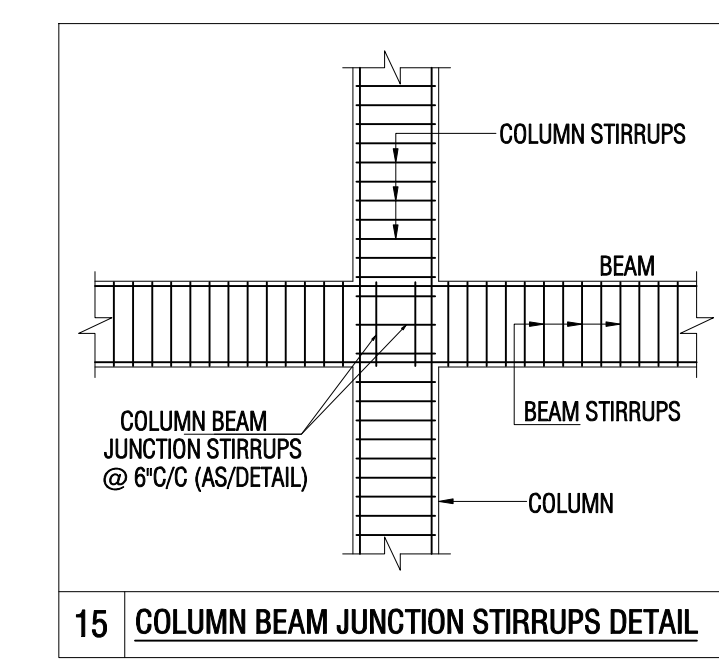
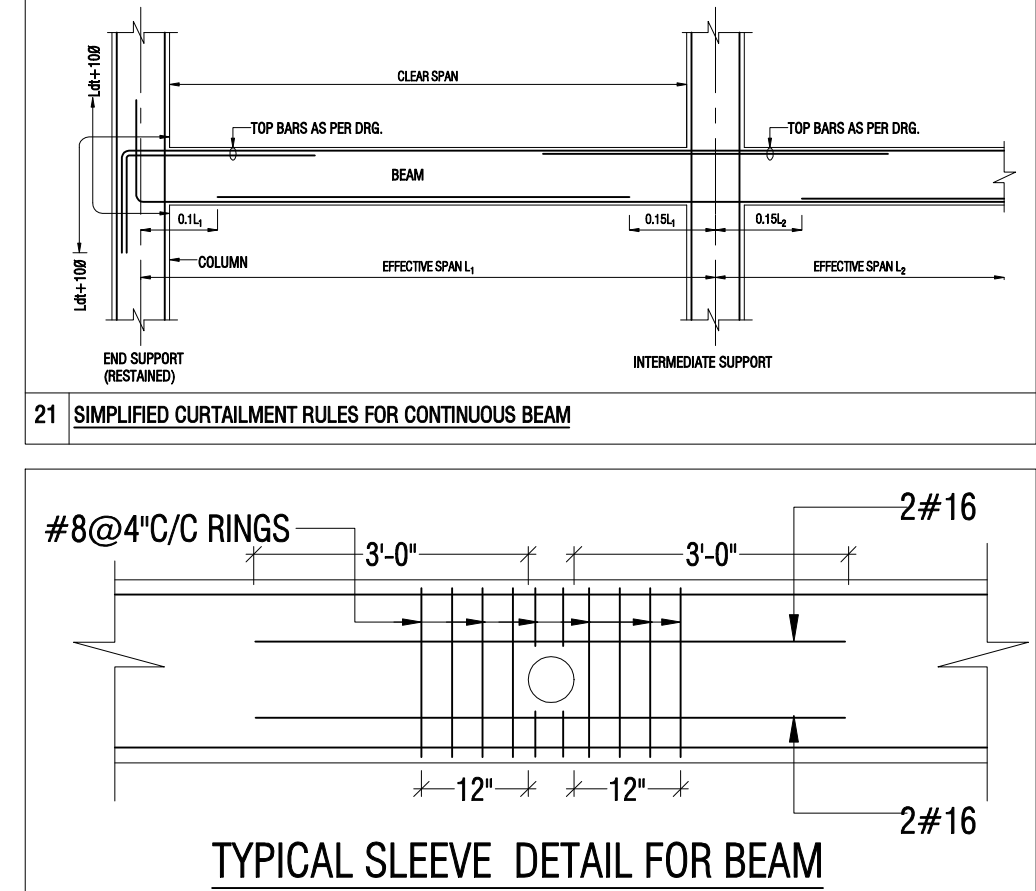
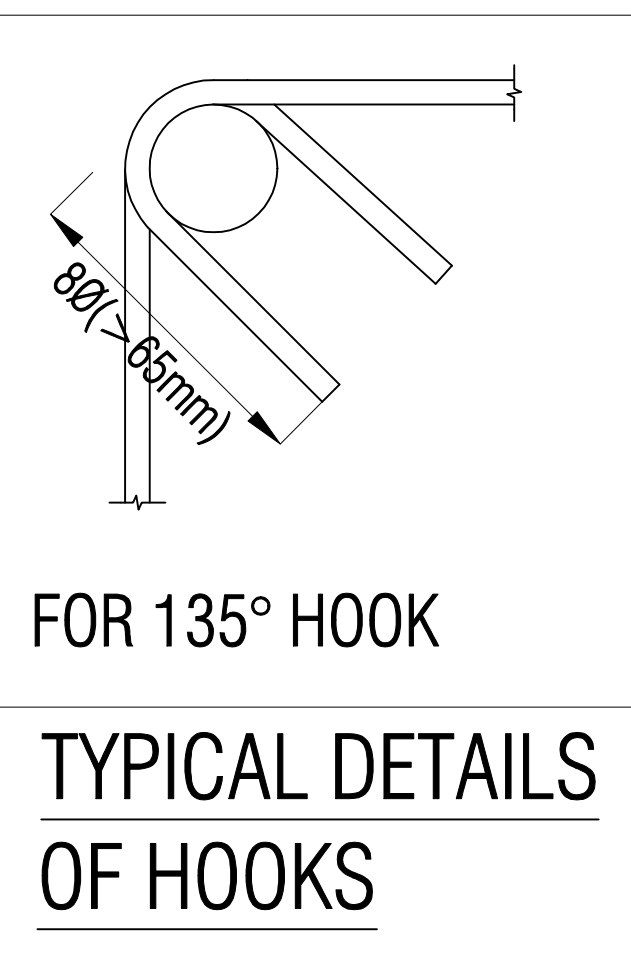
RINGS (STRIPPS) SCHEDULE

MARK	DETAIL	TYPE
R-1	2-L#8@4"C/C	
R-2	2-L#8@8"C/C	
R-3	2-L#8@6"C/C	
R-4	4-L#8@4"C/C	
R-5	4-L#8@8"C/C	
R-6	4-L#8@6"C/C	
R-7	2-L#10@4"C/C	
R-8	2-L#10@8"C/C	
R-9	2-L#10@6"C/C	
R-10	4-L#10@4"C/C	
R-11	4-L#10@8"C/C	
R-12	4-L#10@6"C/C	

FRAME CONSULTANTS
Er. LOKESH WADHWA
B.Tech.(Civil), M.Tech.(Structure)
IAStructE AM-232

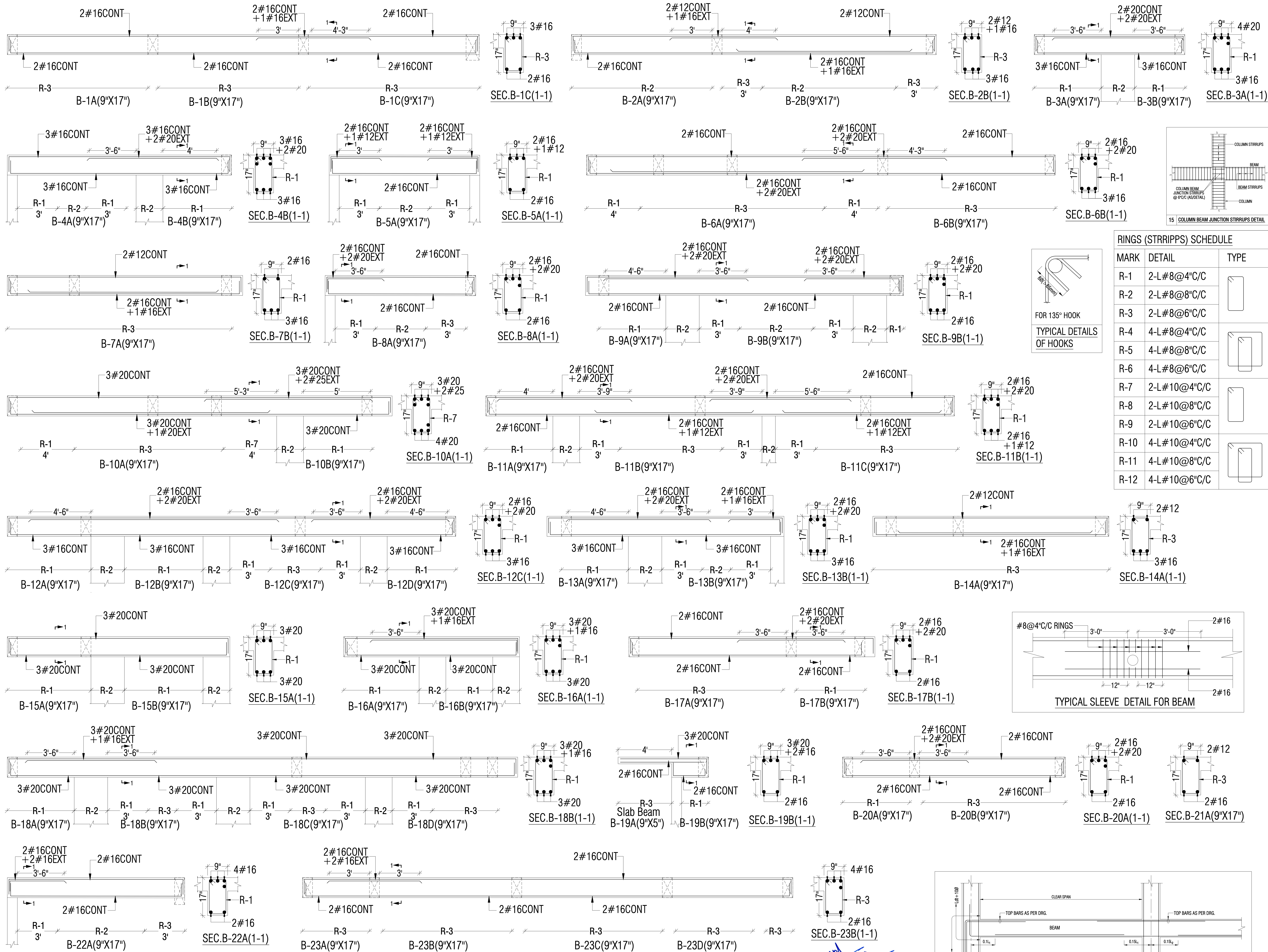


AARADHYA GOVIND DEVELOPERS
PARTNER



CONC. GRADE:- M-25 (MIX DESIGN /1:1:2)
STEEL GRADE:- Fe-500 D

- NOTES
1. FOR BEAMS TERMINATING ON COLUMN, TOP EXTRA BARS SHALL BE PROVIDED BEFORE LOWERING DOWN THE BEAM
 2. MAXIMUM NO. OF BARS IN A SINGLE LAYER SHALL BE 3 FOR 9" & 4 FOR 12" WIDE BEAM
 3. THE GAP BETWEEN TWO LAYER OF BARS EITHER ON TOP OR BOTTOM SHALL BE 1"



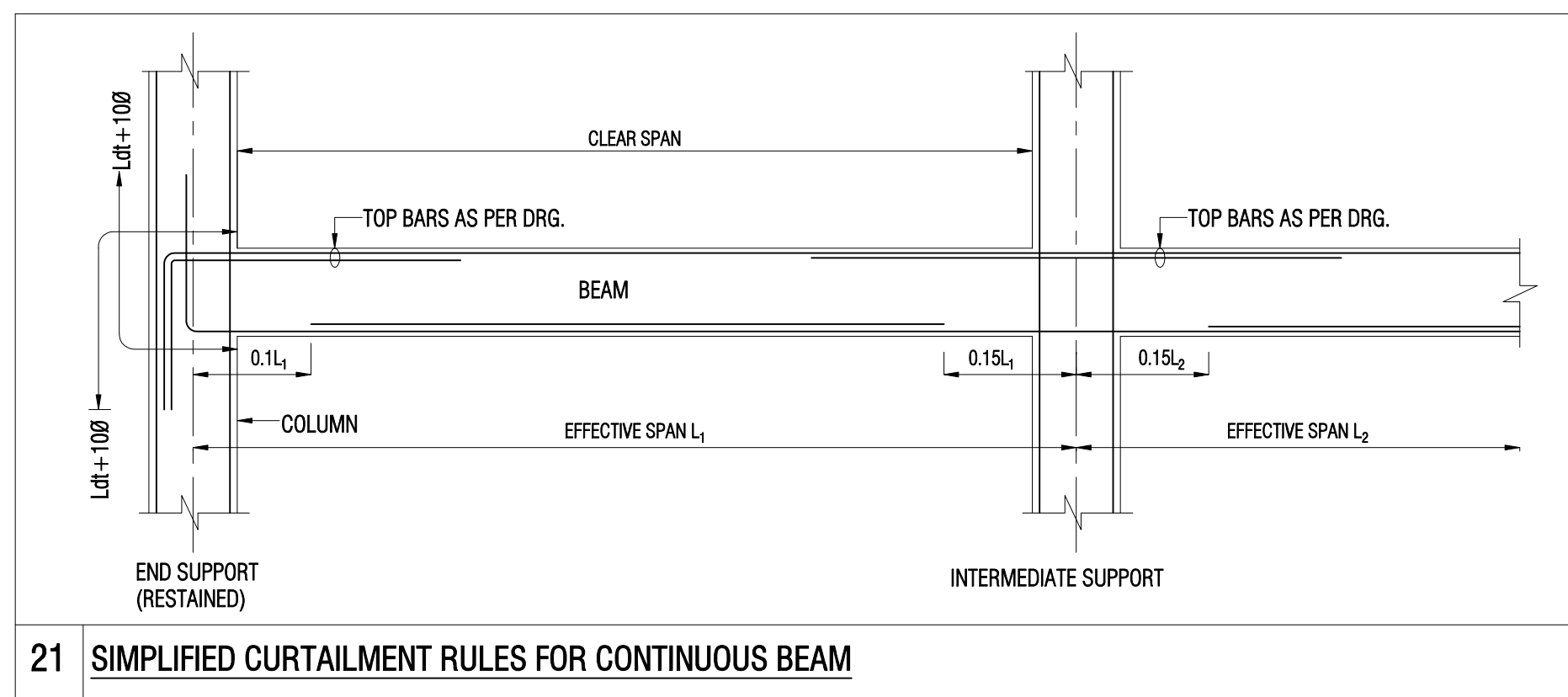
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CONC. GRADE:- M-25 (MIX DESIGN /1:1:2)
STEEL GRADE:- Fe-500 D

AARADHYA GOVIND DEVELOPERS
ER. LOKESH WADHWA
PARTNER

FRAME CONSULTANTS
Er. LOKESH WADHWA
B.Tech.(Civil), M.Tech.(Structure)
IAStructE AM-232



GENERAL NOTES:

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CONC. GRADE	L _{dt}
M-25	49Ø

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DIA OF BARS IN mm.
- b) #10 @150
C/C SPACING OF BARS IN mm.

CONCRETE DETAILS:

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- CLEAR COVER OF CONCRETE IN INCHES TO THE MAIN REINFORCEMENT UNLESS SPECIFIED OTHERWISE SHALL BE:-

PARTICULAR	BOTTOM	TOP	SIDES
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COLUMNS/ S. WALLS			40mm
RETAINING WALL		25mm	40mm (EARTH SIDE) 20mm (IN SIDE)
BEAMS, LINTEL	25mm	25mm	25mm
SLAB	20mm	15mm	25mm (WHERE APPLICABLE)
WATER TANK (WALL & SLAB)			25mm (ON WATER FACE) 40mm (ON EARTH SIDE)

CONCRETE DETAILS:

- REMOVAL OF SHUTTERING:- THIS SHALL BE AS GIVEN BELOW UNLESS OTHERWISE STATED.
 - * WALL, COL & VERTICAL FACE OF ALL MEMBERS 24 TO 48 HOURS.
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 - * SPAN OVER TO 6.0 METER ----- 21 DAYS.

- SPACER BERS:- SHALL BE 20MM DIA AS MAX. 4'-0"(1200) INTERVALS

SYMBOLS:

- * BOTTOM BARS IN PLAN SHOWN THUS.
- * TOP BARS IN PLAN SHOWN THUS.

ABBREVIATIONS:

- * N.T.S. = NOT TO SCALE
- * R.F. = REINFORCEMENT
- * B.W. = BOTH WAYS
- * T/B = TOP & BOTTOM

DESIGN DATA:-

GRADE OF CONCRETE	M-25
GRADE OF STEEL	Fe-500 D
BUILDING DESIGN FOR SBC CONSIDERED	B + S + G + 5 15 T/m ²

REVISION NO.	DATE:	REMARK

PROJECT:

PROPOSED RESIDENTIAL BUILDING "AG HEIGHTS-III"
AT PLOT NO. 19 & 20, SCHEME- ASHOK VIHAR,
VILLAGE-MANYAWAS, JAIPUR, RAJASTHAN

DRAWING TITLE:

GF TO 5TH FLOOR ROOF LVL. BEAM DETAIL

ARCHITECTS:

WIDEFRAME DESIGNS
ARCHITECTS, ENGINEERS, INTERIOR DESIGNERS.

Ph :- 9928894029 +919413042673
email :- wideframedesigns@gmail.com

STRUCTURAL CONSULTANT:

Frame Consultants
STRUCTURAL PLANNER & DESIGNER
D-85 Gautam Marg, Nirman Nagar, Jaipur
Email:- frameconsultantsjaipur@gmail.com
MO:- 9928816016, 9024160011

CADD DEVELOPED:- ER. AJAY YADAV

DESIGN BY:- ER. LOKESH WADHWA

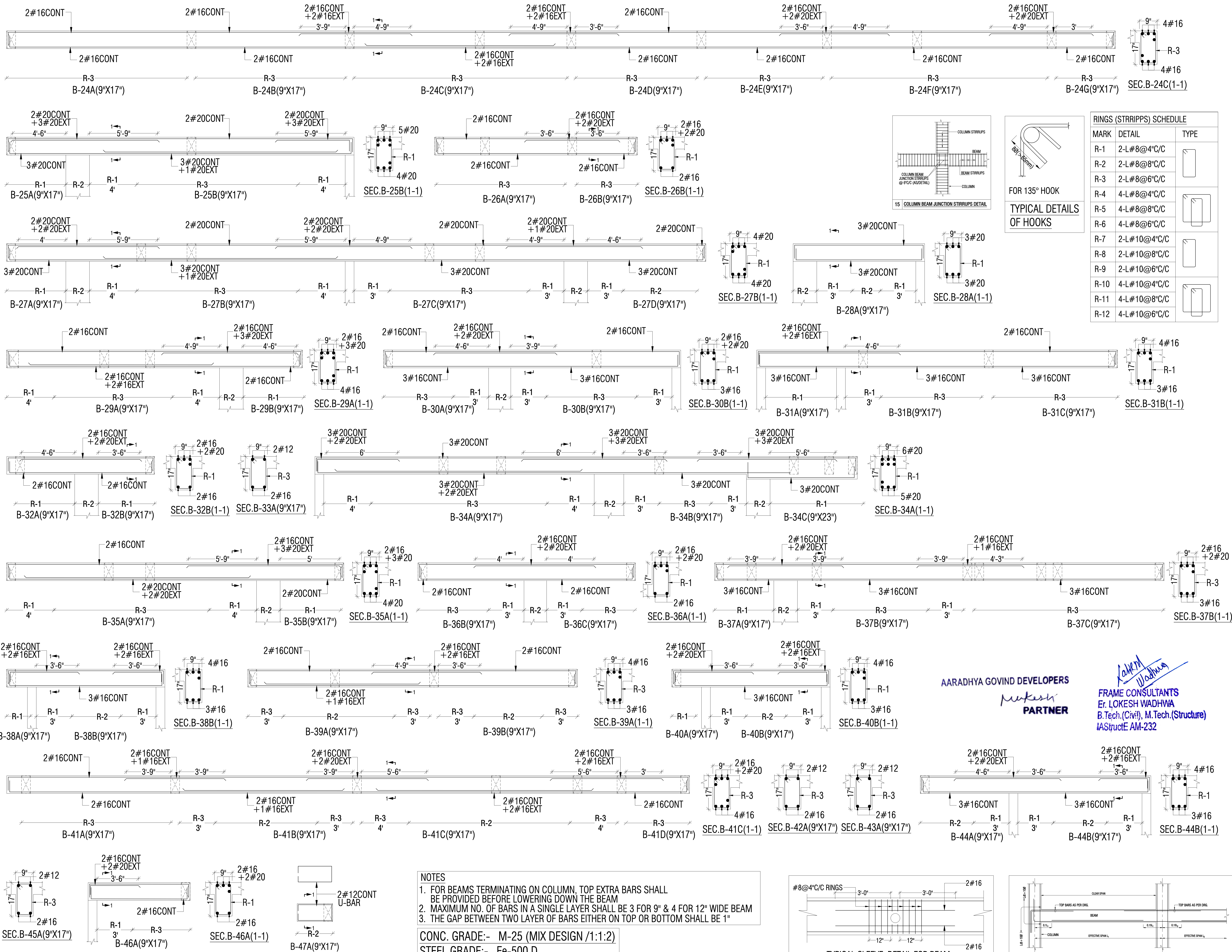
CHECKED BY:- ER. RAJESH KUMAWAT

SCALE:- N.T.S.

DRAWING. NO. S-11

REVISION NO. R-00

DATE: 06-04-2024



GENERAL NOTES:

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CONC. GRADE	Ldt
M-25	49Ø

5. TIES OR DISTRIBUTION REINFORCEMENT IN THE SLAB SHALL BE PROVIDED OF 8Ø@8"C/C OTHERWISE MENTIONED.

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DIA OF BARS IN mm.

b) #10 @150
DIA OF BARS IN mm.
C/C SPACING OF BARS IN mm.

CONCRETE DETAILS:

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SYMBOLS:

* BOTTOM BARS IN PLAN SHOWN THUS. -----

* TOP BARS IN PLAN SHOWN THUS. -----

ABBREVIATIONS:

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* R.F. = REINFORCEMENT

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* T/B = TOP & BOTTOM

DESIGN DATA:-

GRADE OF CONCRETE	M-25
GRADE OF STEEL	Fe-500 D
BUILDING DESIGN FOR SBC CONSIDERED	B + S + G + 5 15 T/m ²

REVISION NO.	DATE:	REMARK

PROJECT:

PROPOSED RESIDENTIAL BUILDING "AG HEIGHTS-III"

AT PLOT NO. 19 & 20, SCHEME- ASHOK VIHAR, VILLAGE-MANYAWAS, JAIPUR, RAJASTHAN

DRAWING TITLE:

GF TO 5TH FLOOR ROOF LVL. BEAM DETAIL

ARCHITECTS:

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STRUCTURAL CONSULTANT:

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MO:- 9928816016, 9024160011

CADD DEVELOPED:- ER. AJAY YADAV

DESIGN BY:- ER. LOKESH WADHWA

CHECKED BY:- ER. RAJESH KUMAWAT

SCALE:- N.T.S.

DRAWING. NO. S-12

REVISION NO. R-00

DATE: 06-04-2024