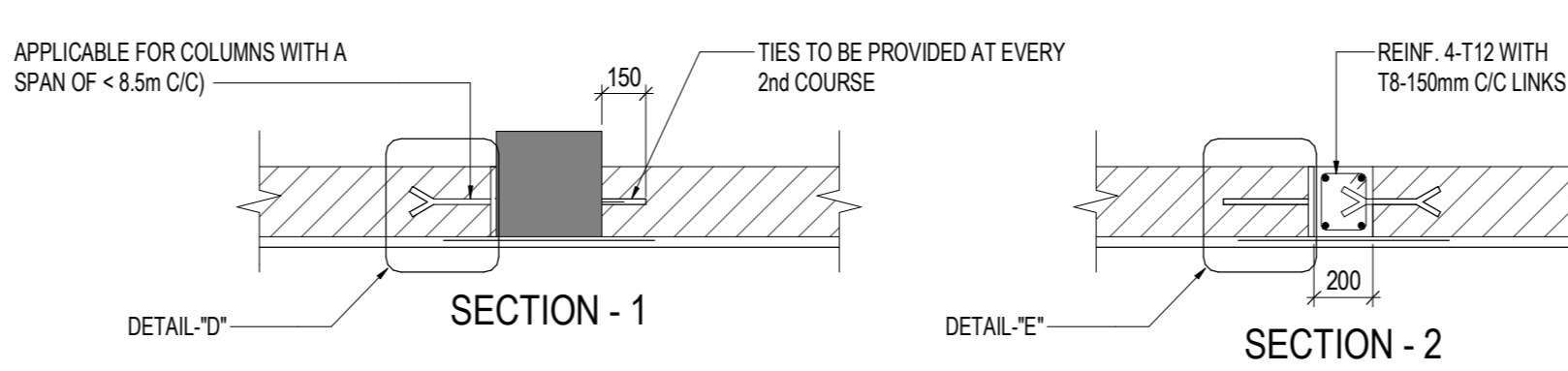
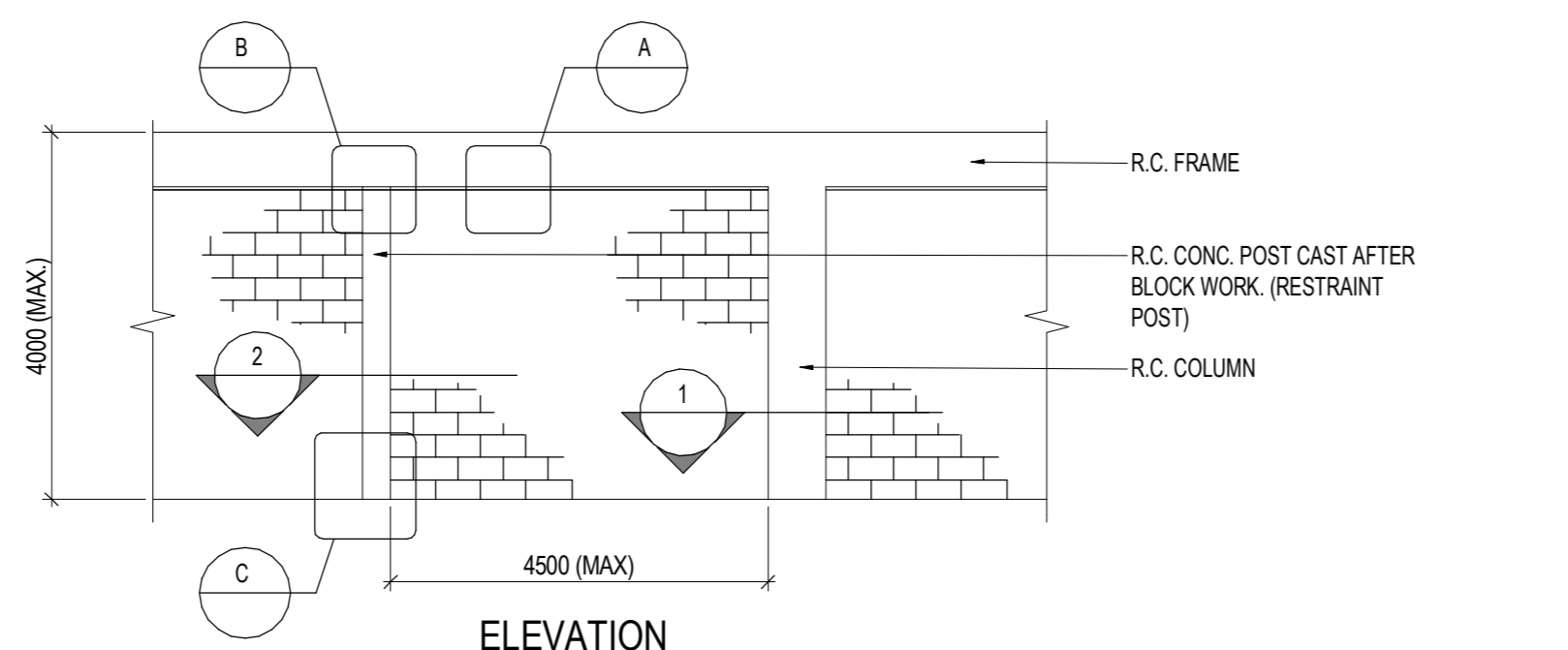
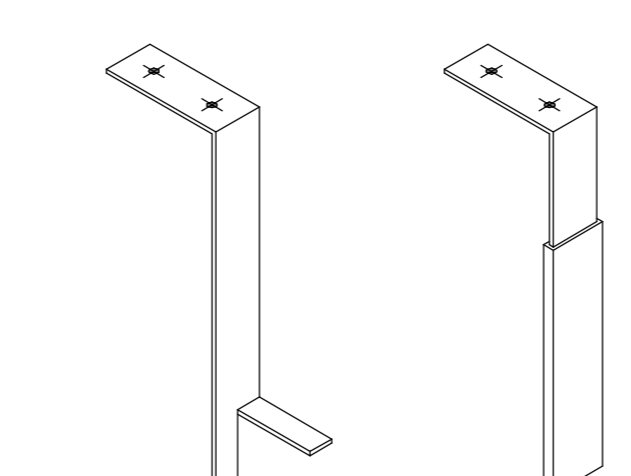
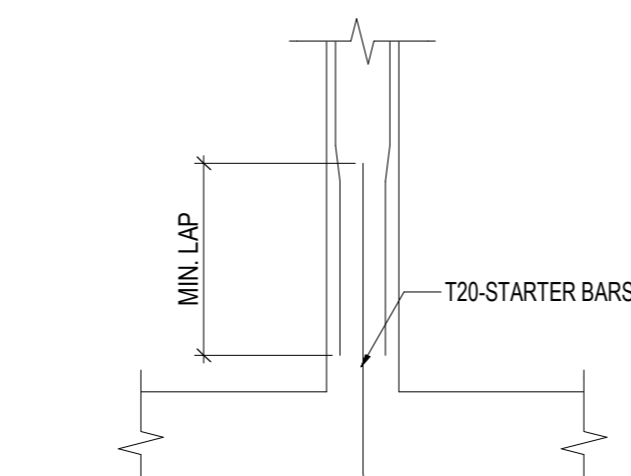
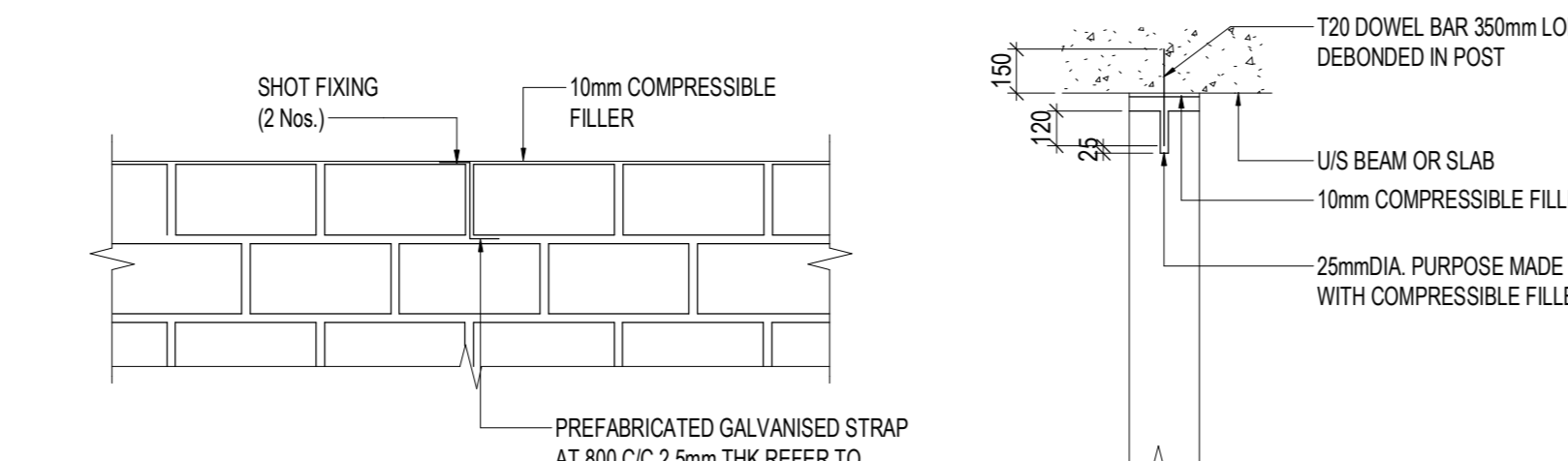
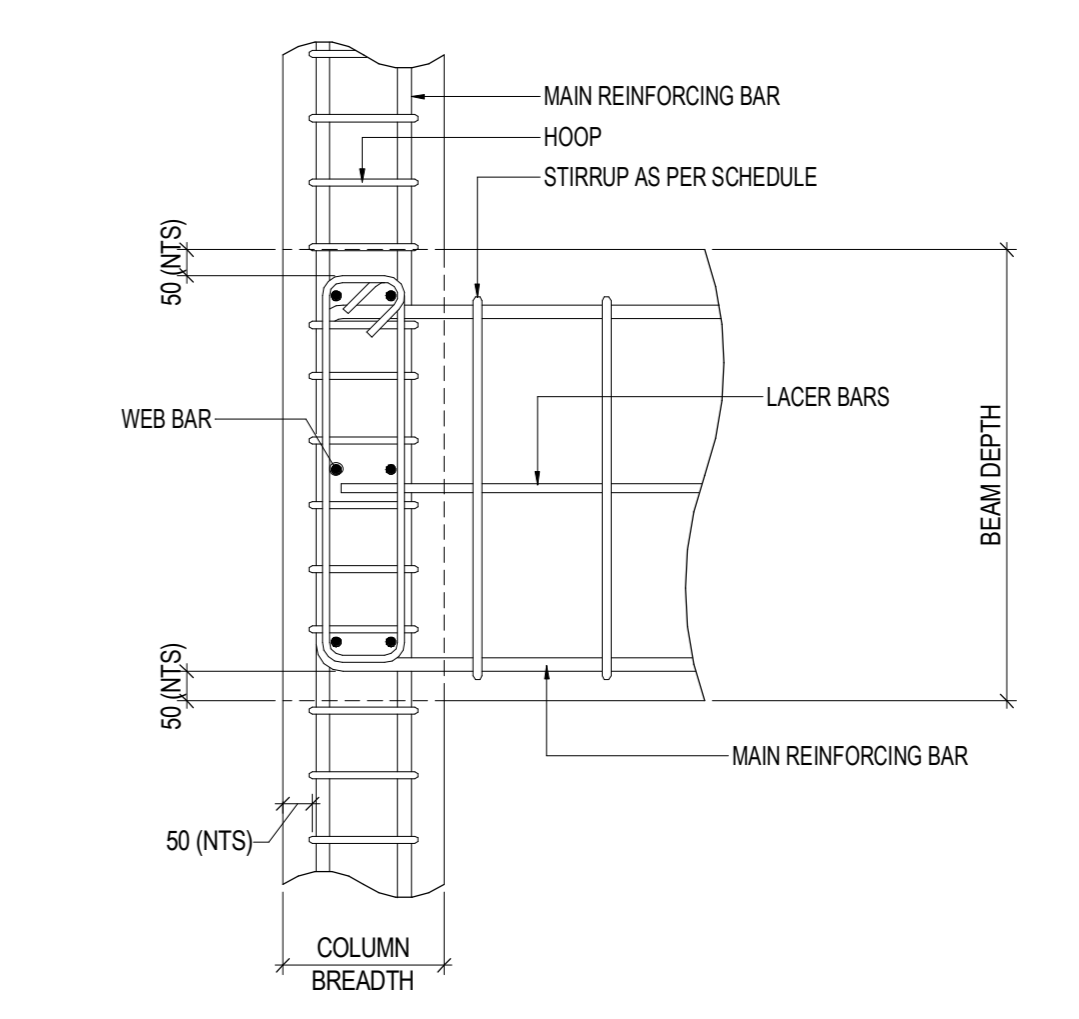


**TYPICAL DETAIL OF ADDITIONAL REINFORCEMENT PROVIDED FOR R.C. COLUMNS AT OPENINGS AND JUNCTIONS OF MASONRY WALL**

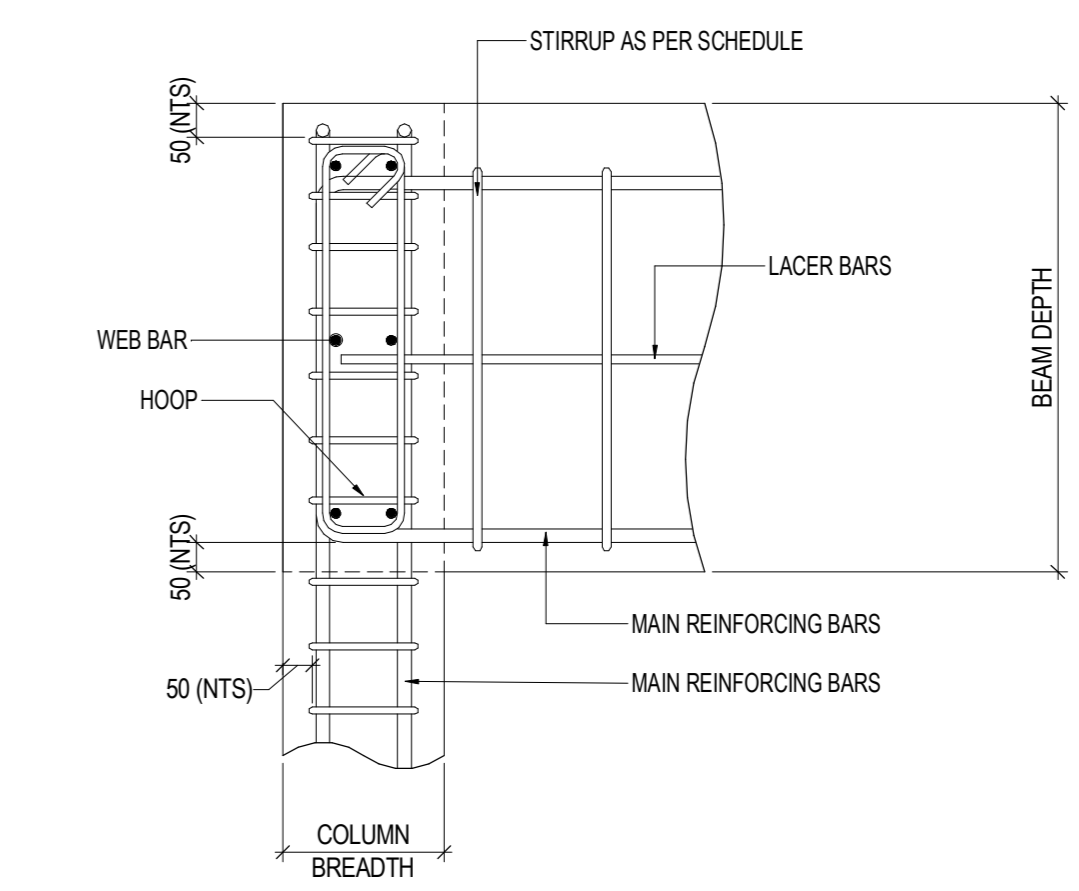
NOTE:  
BUILDER TO PROVIDE ADDITIONAL REINFORCEMENT AS INDICATED FOR ALL R.C. COLUMNS AT OPENINGS AND JUNCTIONS OF MASONRY WALL.



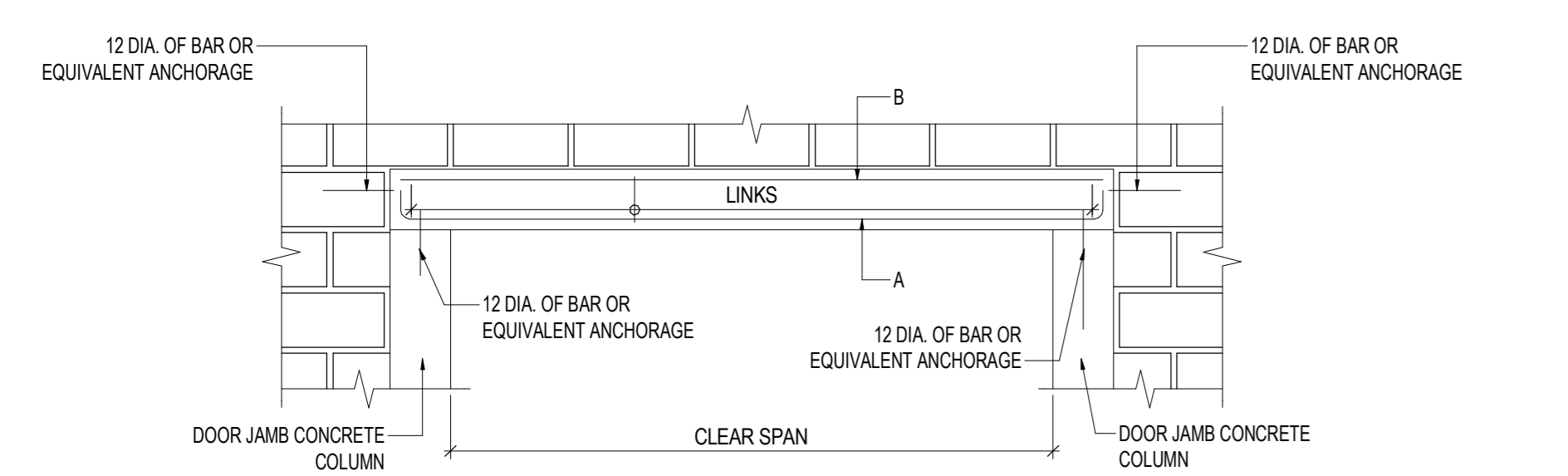
**EXTERNAL WALL PANEL**



**TYP CONNECTION DETAIL OF BEAM WITH COLUMN**

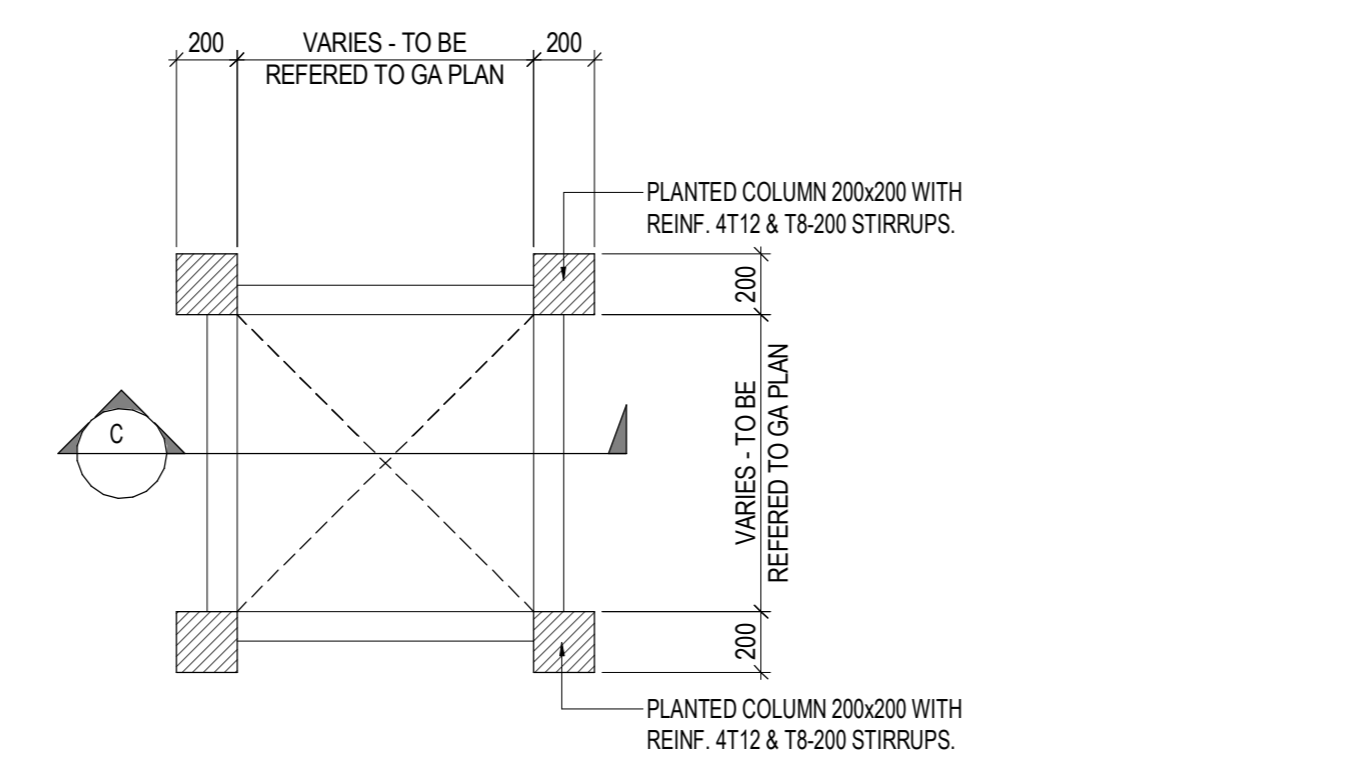


**TYPICAL CONNECTION DETAIL OF BEAM WITH COLUMN AT ROOF LEVEL**

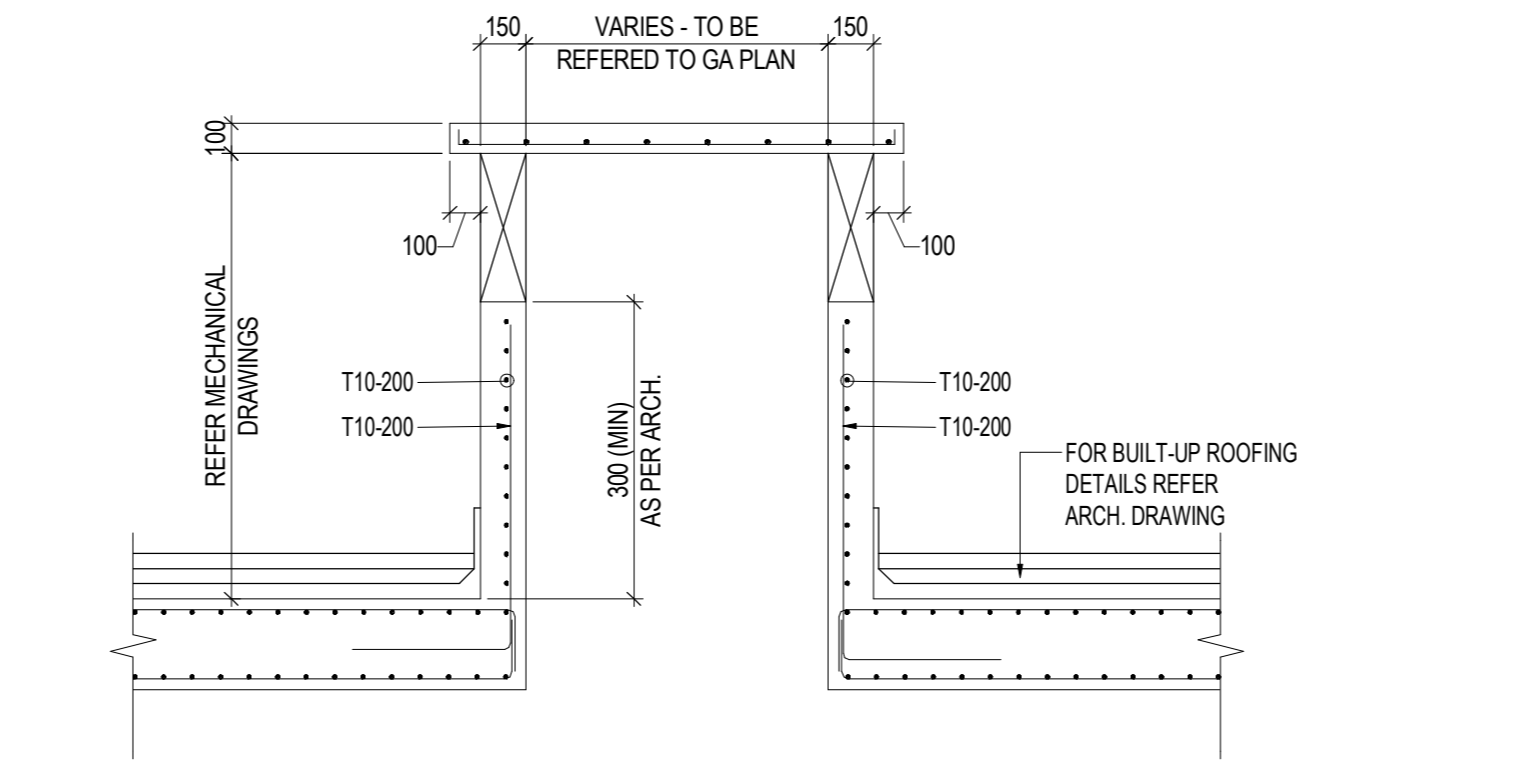


**TYPICAL DETAIL OF LINTEL**

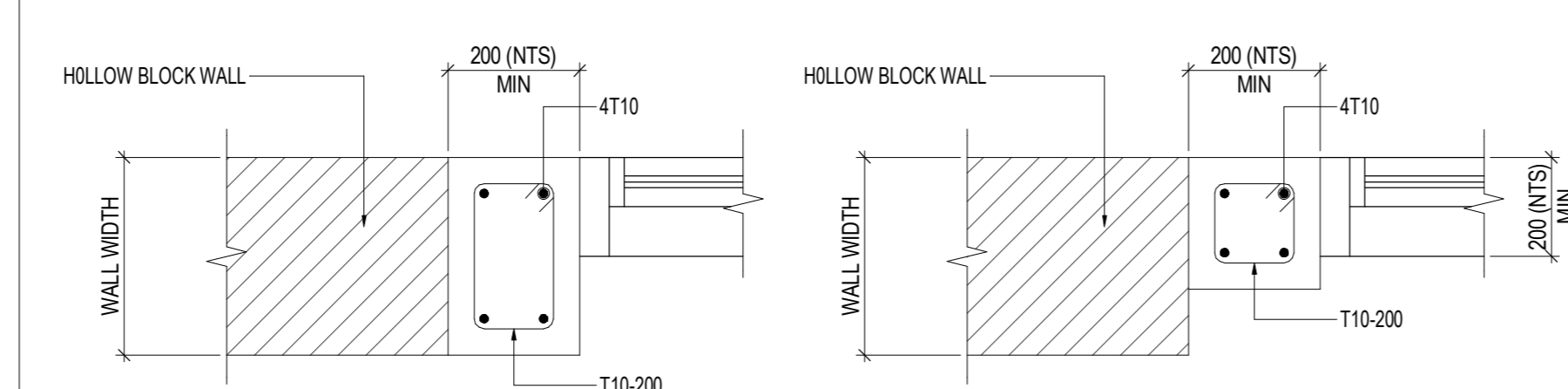
NOTE:  
1. BEARING ON BLOCK WALL ON EITHER SIDE OF OPENING SHALL BE AT LEAST EQUAL TO THE OVERALL DEPTH OF THE LINTEL.  
2. OVERALL LINTEL DEPTHS COULD BE INCREASED TO SUIT BLOCK WORK COURSING.  
3. DESIGNED HEIGHT OF BLOCKWORK ABOVE LINTEL SHALL BE: (a) FOR SPANS UPTO 3m, H=2.5m; (b) FOR SPANS UPTO 5m, H=1.5m.



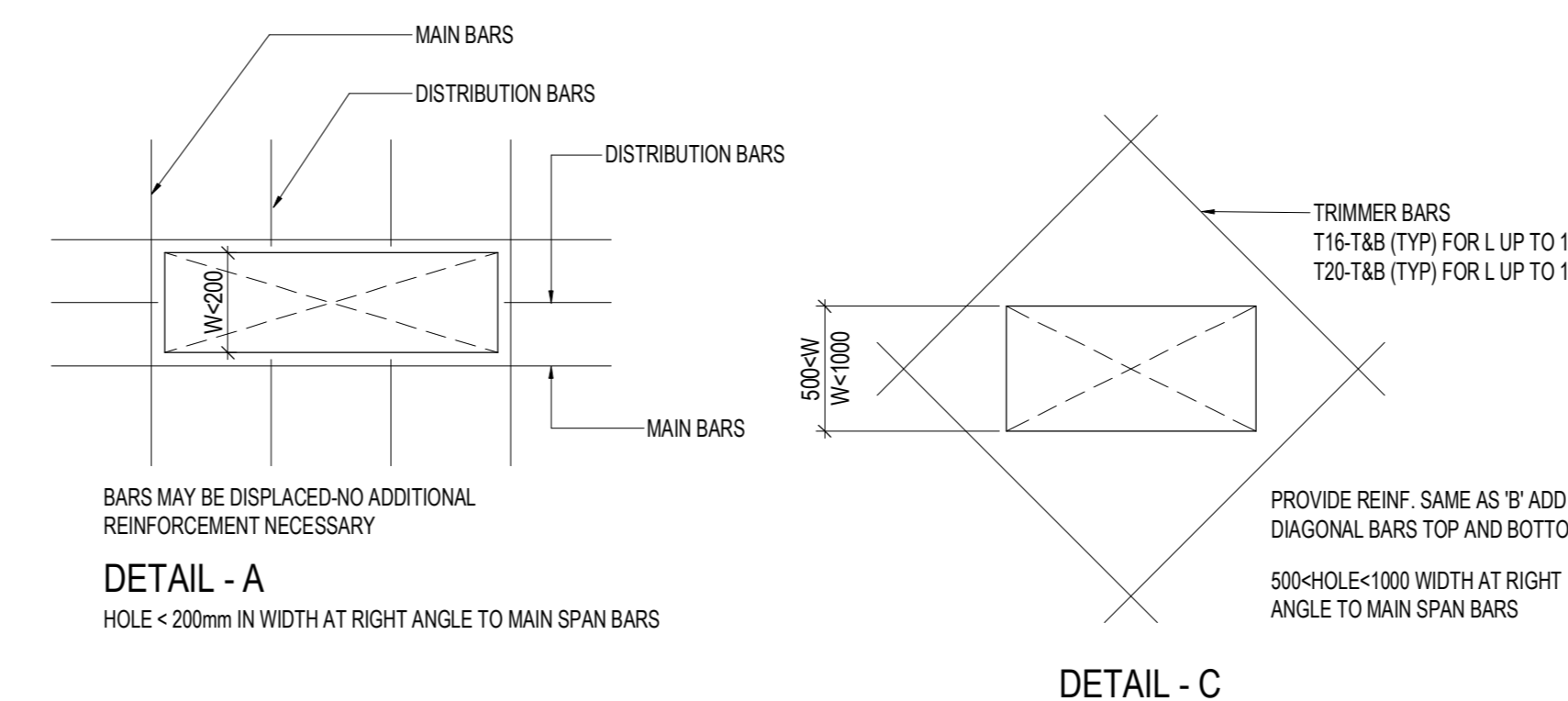
**A/C & SERVICES SHAFT DETAIL (ROOF)**



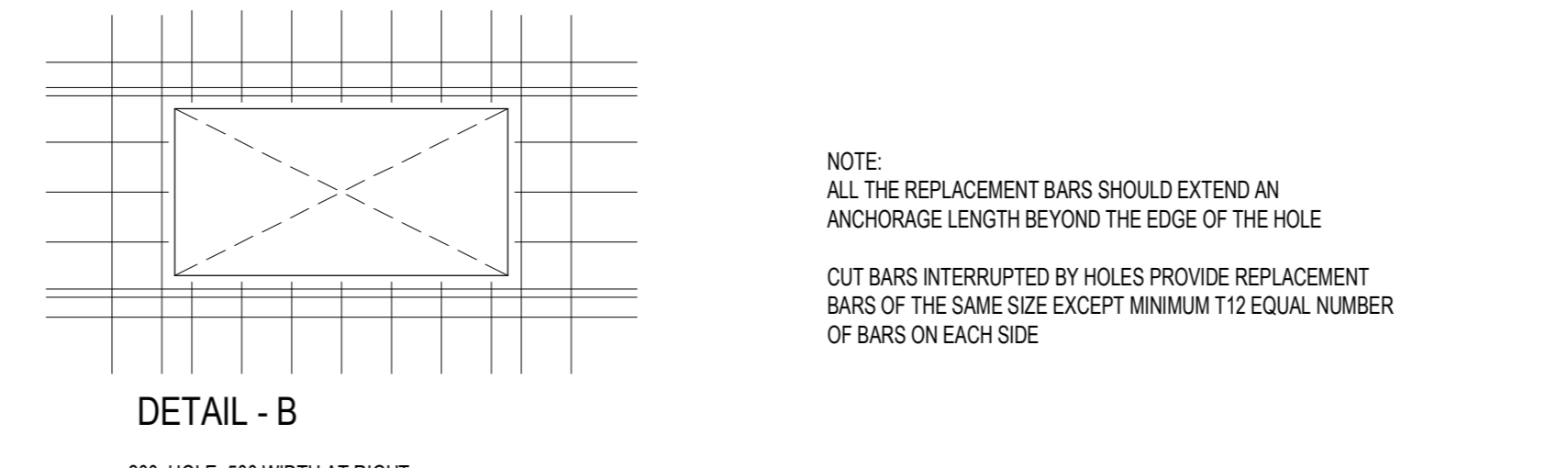
**SECTION - C**



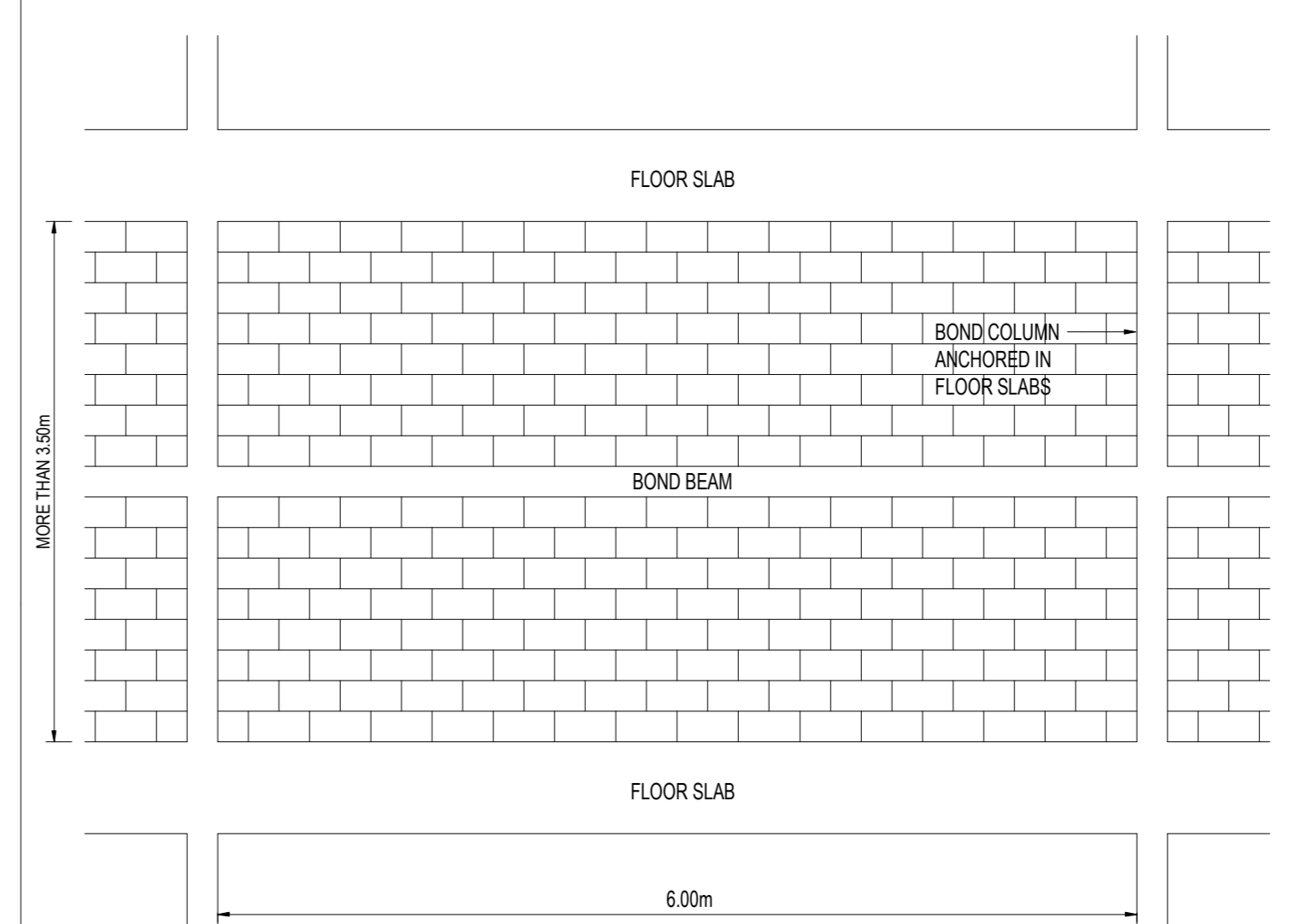
**TYPICAL DETAIL OF ADDITIONAL REINFORCEMENT PROVIDED FOR WINDOW / DOOR JAMB**



**TRIMMING OF HOLES IN SOLID SLAB**



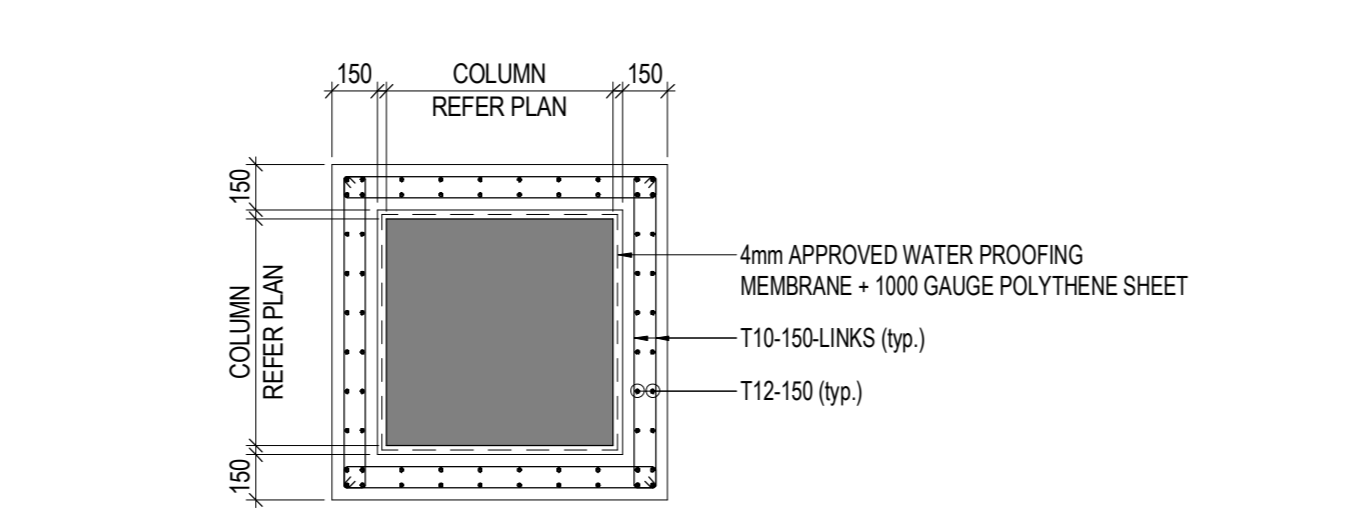
**DETAIL - B**



**TYPICAL DETAILS OF BOND BEAMS AND BOND COLUMNS IN BLOCKWORK WALLS WHERE APPLICABLE**

A REINFORCED CONCRETE BOND BEAM HAVING A DEPTH OF 200mm AND WIDTH EQUAL TO THE WIDTH OF THE WALL REINFORCED WITH 4T12 AND T8-200 STIRRUPS SHALL BE PROVIDED AT MIDDLE HEIGHT OF THE BLOCK WALLS WITH CLEAR HEIGHTS EXCEEDING 3.5m. THIS BEAM MUST BE ANCHORED IN ADJACENT COLUMNS/WALLS.

A REINFORCED CONCRETE BOND COLUMN HAVING A WIDTH OF 200mm AND DEPTH EQUAL TO THE WIDTH OF THE WALL REINFORCED WITH 4T12 AND T8-200 STIRRUPS SHALL BE PROVIDED IN ALL BLOCKWORK WALLS AT A SPACING OF 6m. THIS COLUMN MUST BE ANCHORED IN UPPER AND LOWER SLABS.



**TYPICAL COLUMN PROTECTION DETAIL INSIDE TANKS**

NO.	MAXIMUM SPAN (mm)	SIZE		REINFORCEMENT			REMARKS
		B	D	BOTTOM BARS (A)	TOP BARS (B)	SHEAR STIRRUPS	
01	1500	150	200	2T16	2T12	T8-200 C/C	
02	3000	150	300	2T16	2T12	T8-200 C/C	
03	4500	150	400	2T16	2T12	T8-200 C/C	
04	1500	200	200	2T16	2T12	T8-200 C/C	
05	3000	200	300	2T16	2T12	T8-200 C/C	
06	4500	200	400	2T20	2T16	T8-200 C/C	
07	6000	200	550	2T20	2T16	T8-200 C/C	
08	1500	250	200	2T16	2T12	T8-200 C/C	
09	3000	250	300	2T16	2T12	T8-200 C/C	
11	4500	250	400	2T20	2T16	T8-200 C/C	
12	6000	250	550	2T20	2T16	T8-200 C/C	
12	1500	300	200	3T16	3T12	T8-200 C/C	
13	3000	300	300	3T16	3T12	T8-200 C/C	
14	4500	300	400	3T16	3T12	T8-200 C/C	
15	6000	300	500	3T16	3T12	T8-200 C/C	
16	1500	325	200	3T16	3T12	T8-200 C/C	
17	3000	325	300	3T16	3T12	T8-200 C/C	
18	4500	325	400	3T16	3T12	T8-200 C/C	
19	6000	325	500	3T16	3T12	T8-200 C/C	
20	1500	350	200	3T16	3T12	T8-200 C/C	
21	3000	350	300	3T16	3T12	T8-200 C/C	
22	4500	350	400	4T16	4T16	T8-200 C/C	
23	6000	350	500	4T16	4T16	T8-200 C/C	
24	1500	400	200	4T16	4T12	T8-200 C/C	
25	3000	400	300	4T16	4T12	T8-200 C/C	
26	4500	400	400	4T16	4T16	T8-200 C/C	
27	6000	400	500	4T20	4T16	T8-200 C/C	