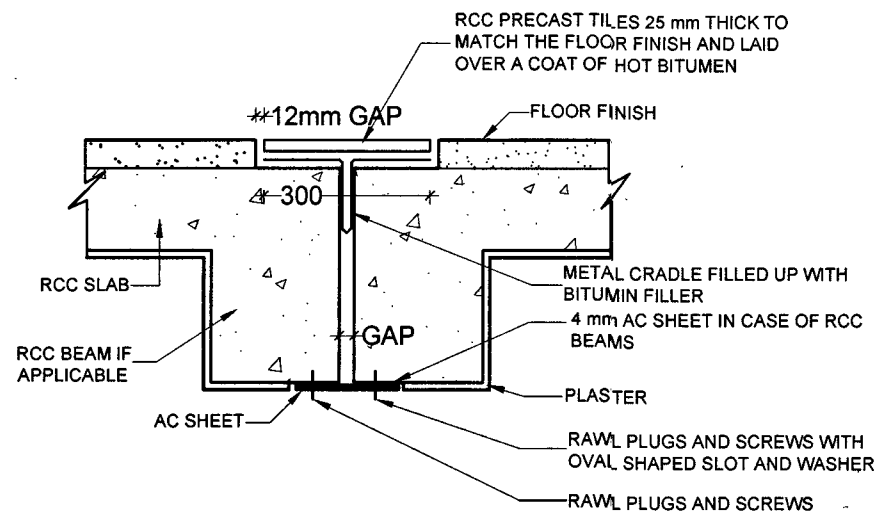
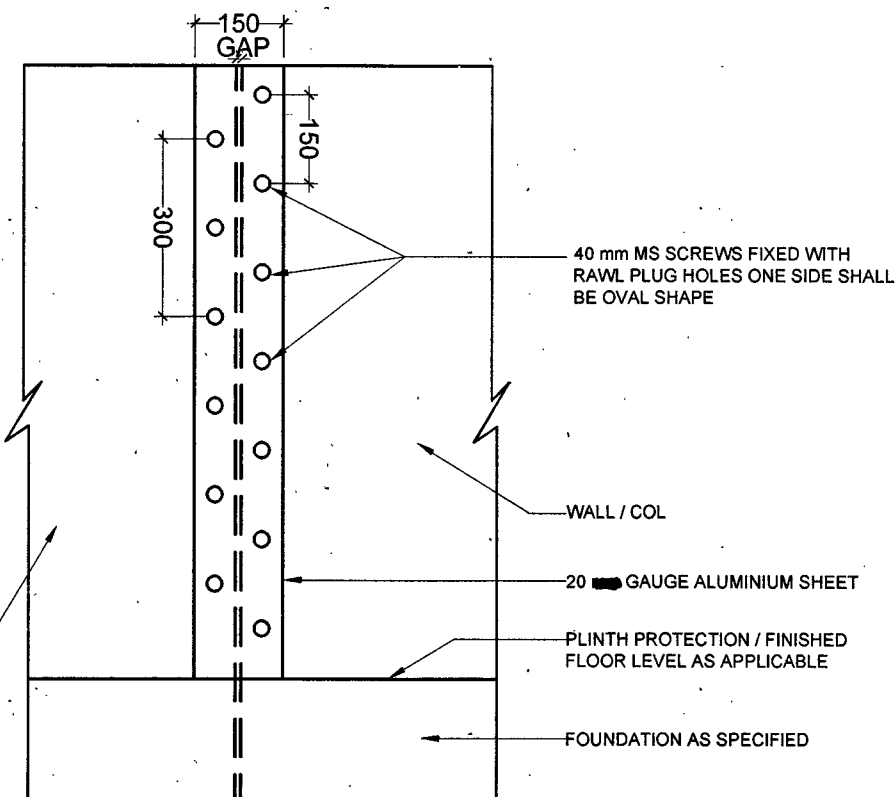


104. FOR DETAILS OF EXPANTION JOINT, ALUMINIUM COVER, SEPRATION JOINT AND EXPANSION JOINT AT FLOOR.  
REF FIG.-39,40 & 41 AND TABLE NO.-5.



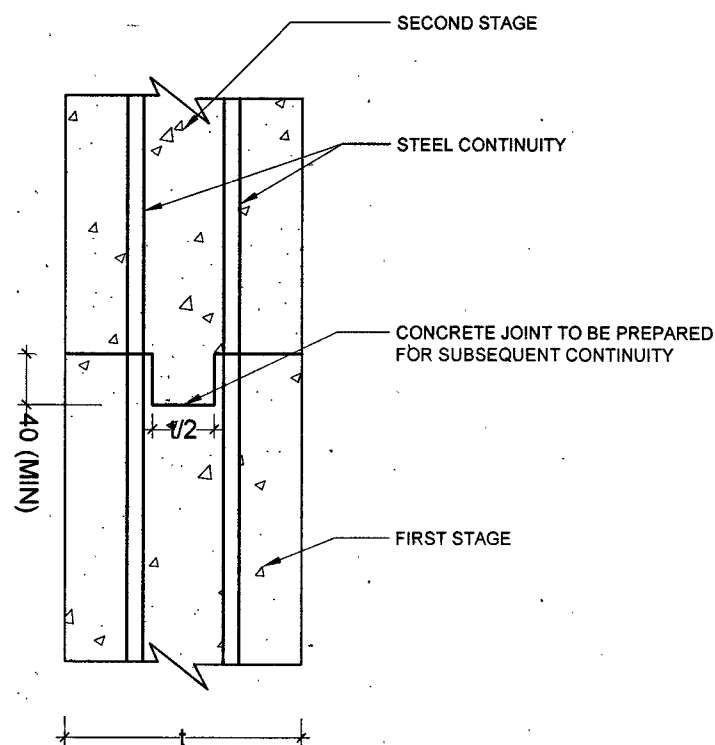
**FIG.- 43: TYPICAL DETAIL OF EXPANSION JOINT AT FLOOR**



**FIG.- 44: FIXING DETAIL OF ALUMINIUM COVER TO SEPRATION JOINT**

**TABLE NO. 7**

RECOMMENDATION FOR SPACING OF EXPANSION JOINTS		
(REFER CLAUSE 4.4 OF IS 3414 - 1968)		
SL.NO.	ITEM AND DESCRIPTION	SPACING OF JOINTS
(1)	(2)	(3)
i)	<b>WALLS</b>	
1)	LOAD BEARING WALLS WITH CROSS WALLS AT INTERVALS. TRADITIONAL TYPE OF ONE-BRICK THICK OR MORE.	30 m INTERVALS
2)	WALLS OF WAREHOUSE TYPE CONSTRUCTION (WITHOUT CROSS - WALLS)	EXPANSION JOINTS IN WALL AT 30 m MAXIMUM INTERVALS. (IF THE WALLS ARE PANEL WALLS BETWEEN COLUMN AT NOT MORE THAN 9 m CENTRES NO JOINTS ARE NECESSARY). CONTROL JOINTS OVER CENTRE OF OPENINGS MAY BE GIVEN AT HALF THE SPACING OF EXPANSION JOINTS.
ii)	<b>CHAJJAS, BALCONIES AND PARAPETS</b>	6 TO 12 m INTERVALS
iii)	<b>ROOFS</b>	
1)	ORDINARY ROOF SLABS OF R.C.C. PROTECTED BY LAYERS OF MUD PHUSKA OR OTHER INSULATING MEDIA IN UNFRAMED CONSTRUCTION.	20 TO 30 m INTERVALS. AND AT CHANGES IN DIRECTIONS AS IN L, T, H AND V SHAPED STRUCTURES,
2)	THIN UNPROTECTED SLABS.	15 m INTERVALS
iii)	<b>FRAMES</b>	
	JOINT IN STRUCTURES THROUGH SLABS, BEAMS, COLUMNS, ETC. DIVIDING THE BUILDING INTO TWO INDEPENDENT STRUCTURAL UNITS	CORNERS OF L, H, T, AND C SHAPED STRUCTURES AND AND AT 30 m INTERVALS IN LONG UNIFORM STRUCTURES
iv)	<b>COPING</b>	CORRESPONDING TO JOINTS IN ROOF SLABS



**FIG.- 45: TYPICAL DETAIL OF CONSTRUCTION JOINT**

SNO.	DATE	DESCRIPTION	BY.DIR	DIR(DES)
				INITIAL
REVISIONS				
DATE	30 MAY 2024	<b>CHIEF ENGINEER</b> <b>JALANDHAR ZONE</b>  <b>TYPICAL R.C.C. DETAILS</b>		
DRN	POOJA T			
TCD				
CKD				
SCALE	AS SHOWN			
SHT. SIZE	A3	<b>CONSTRUCTION JOINTS AND FIXING DETAIL OF ALUMINIUM COVER TO SEPRATION JOINT</b>		
 AAD (DESIGN)		DRG. NO.	SHEET NO.	
 DIR (DESIGN) FOR CHIEF ENGINEER		DRG NO CEJZ / STD- 422/24	30/34	