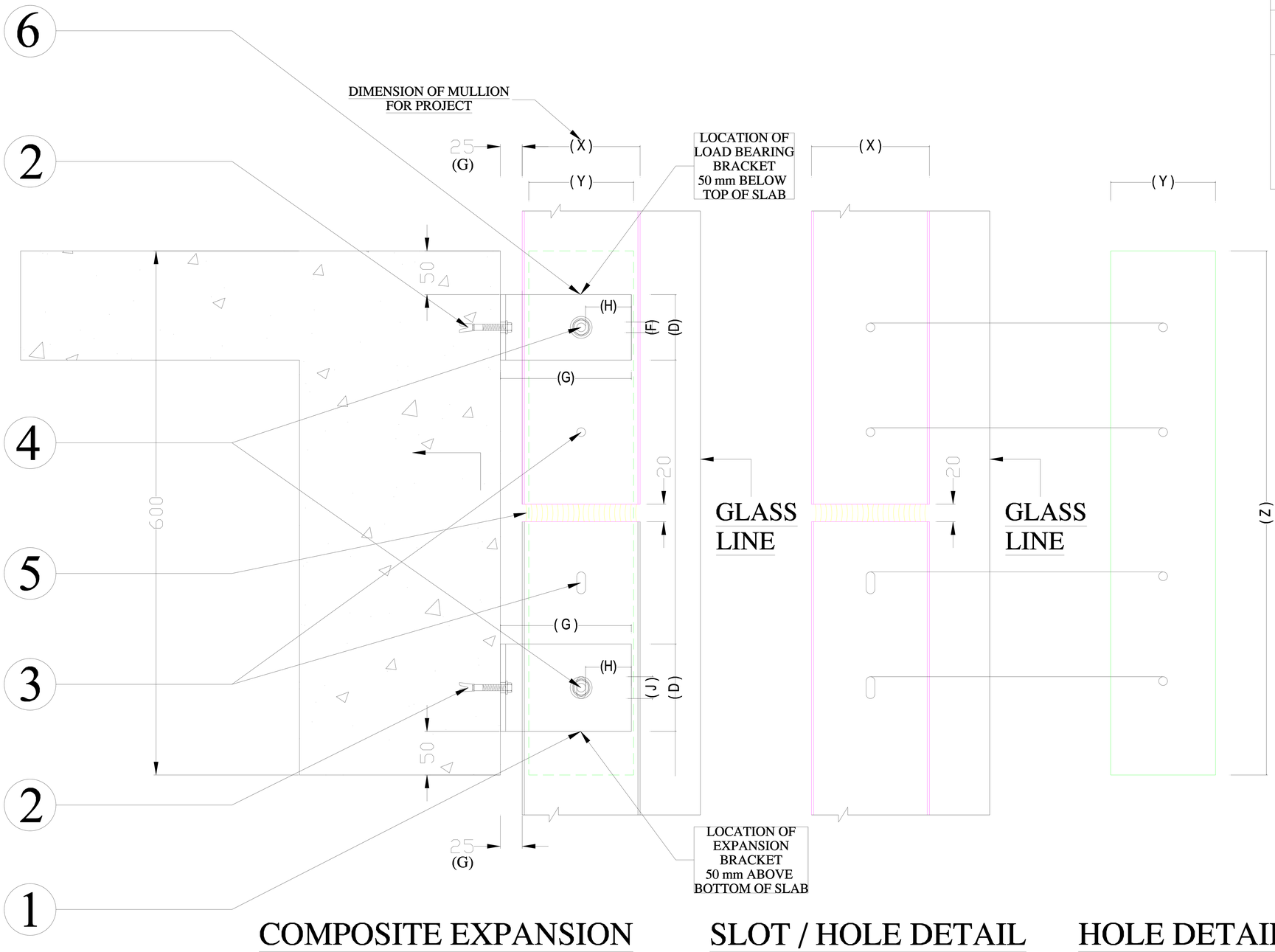
(D) HT. OF FLANGE TO FIX BRACKET TO BEAM TO BE 5 TIMES THE HT. OF THE HORIZONTAL SLOT	(H) DISTANCE OF OF THE HOLE FROM THE FRONT EDGE OF FLANGE TO FIX BRACKET TO MULLION TO BE RELATED TO THE HOLE BEING IN THE CENTRE OF MULLION FOR THE PROJECT.	(X) DIMENSION OF MULLION FOR PROJECT DESIGNED AS PER STRUCTURAL REQUIREMENT
(F) DIAMETER OF THE HOLE TO BE 2 mm MORE THAN THE DIA OF ANCHOR		(Y) DIMENSION OF THE INSERT EXPANSION JOINT TUBE
(G) LENGTH OF THE FLANGE TO FIX BRACKET TO MULLION TO BE RELATED TO SIZE OF MULLION FOR THE PROJECT. PROVISION OF 25 mm FROM THE BACK EDGE OF THE FLANGE TO BACK EDGE OF MULLION TO BE AVAILABLE	(J) HEIGHT OF THE VERTICAL SLOT TO BE 2 TIMES THE DIA OF ANCHOR	(Z) LENGTH OF THE EXPANSION TUBE TO BE EQUAL TO DIMENSION OF SLAB + BEAM



COMPOSITE EXPANSION JOINT DETAIL

SLOT / HOLE DETAIL IN MULLION

HOLE DETAIL IN EXPANSION TUBE

S.No.	DETAIL
1.	6 mm THICK STAINLESS STEEL EXPANSION BRACKET
2.	METAL ANCHOR FISCHER MAKE FBN - 10 / 15 + 23 (A - 4) ANCHORING DEPTH OF 50 mm
3.	S.S. BOLT 12 X 100 mm LONG WITH ONE NUT AND TWO NOS. S.S. WASHERS OF 2 mm THICKNESS
4.	S.S. BOLT 12 X 120 mm LONG WITH ONE NUT AND TWO NOS. S.S. WASHERS OF 2 mm THICKNESS
5.	WEATHER SILICONE SEALANT (BLACK) DC - 789 OF DOW CORNING (20 mm WIDE) ALL AROUND THE GAP BETWEEN MULLION AND EXPANSION JOINT TUBE.
6.	6 mm THICK STAINLESS STEEL LOAD BEARING BRACKET

EXPANSION JOINT DETAIL

NOTES : 1. THIS DRG. IS THE PROPERTY OF NEMCON IT SHALL NOT BE REPRODUCED / COPIED / USED IN ANY MANNER OR HANDED OVER TO ANY OTHER PERSON OR PARTY WITHOUT THE PRIOR PERMISSION OF NEMCON . 2. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.

DRWN		DATE	PROJECT :	ARCHITECT :	TITLE : TYPICAL STAINLESS STEEL SPLICE PLATE FIXING
CHKD		DRG. NO.	CLIENT :		
APRVD		SCALE			

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