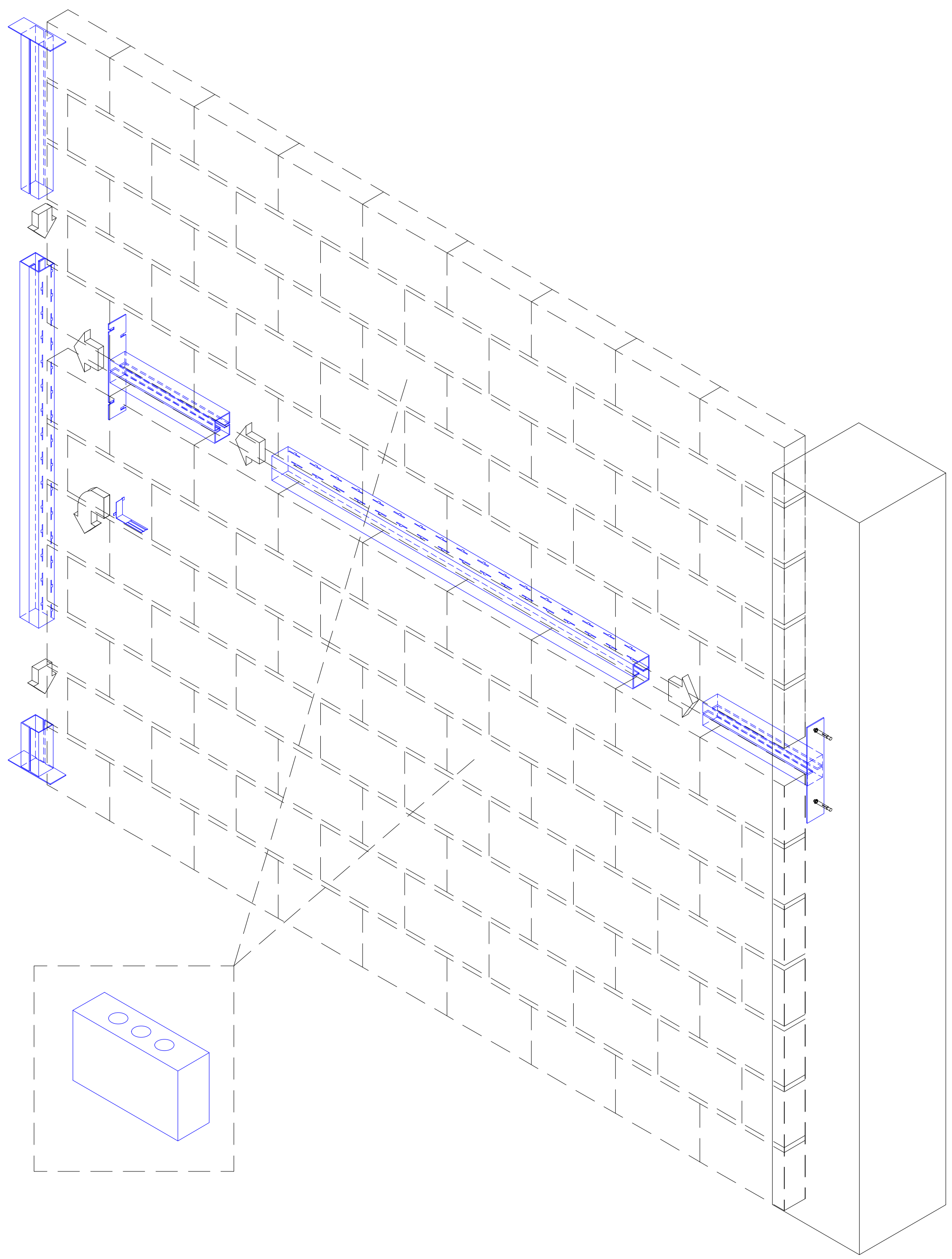
Dyntek StiFlex Stiffeners User Manual (Brick & Block)



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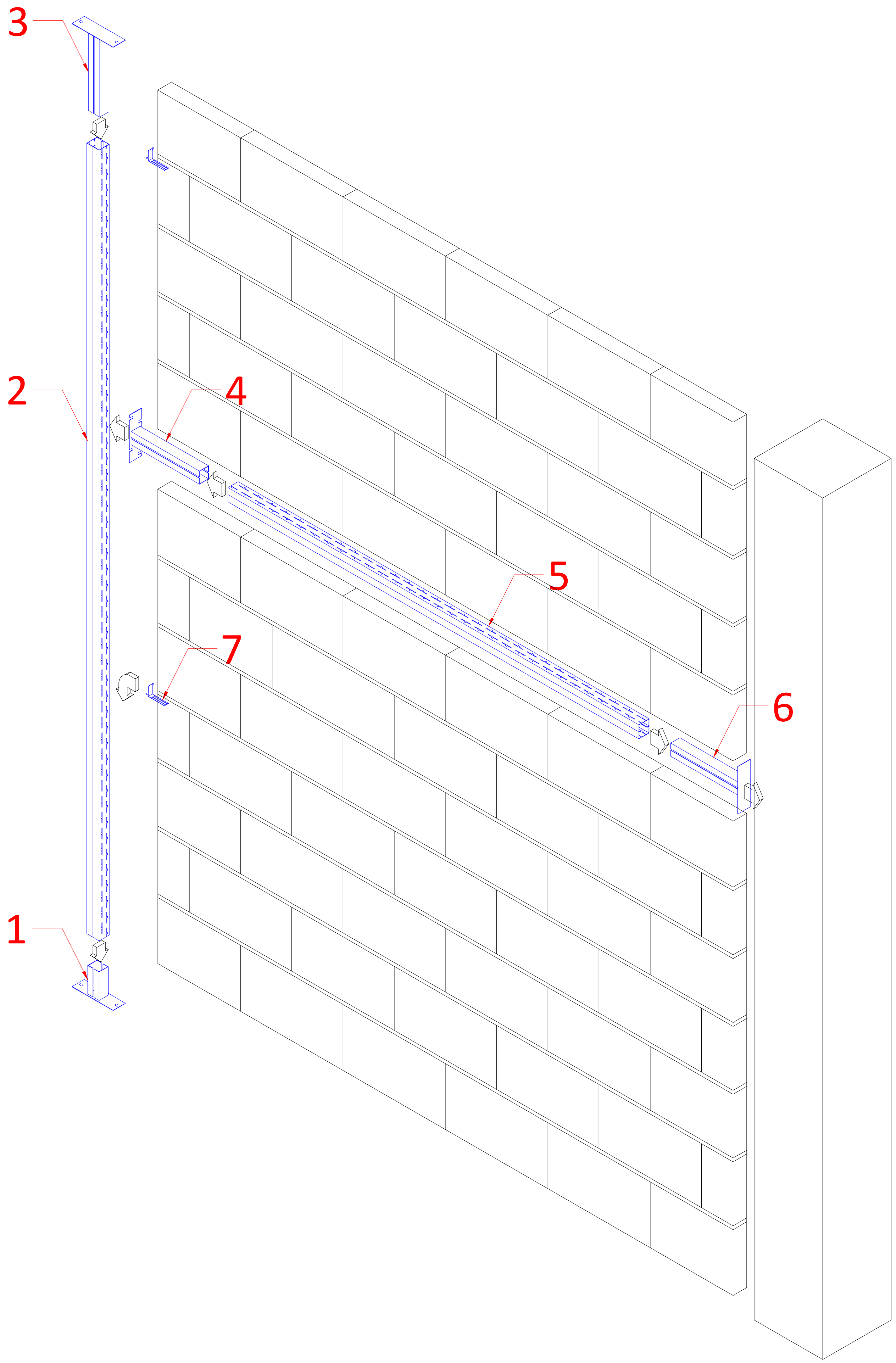
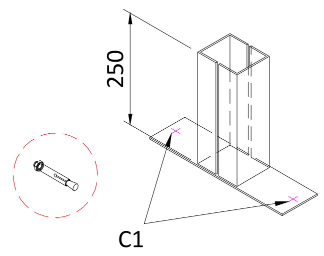
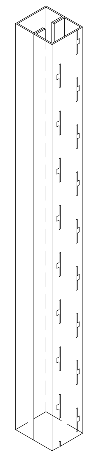




*EXTERNAL WALL = 500/700mm SLEEVE LENGTH (Subject to design)

DETAIL 1



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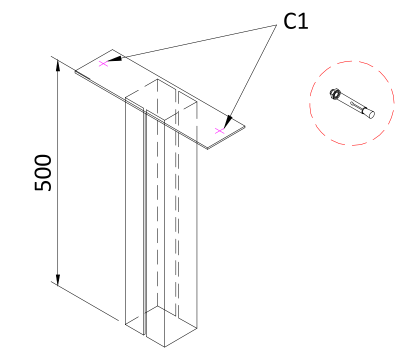

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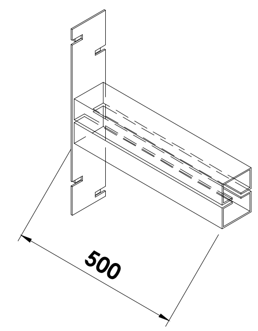

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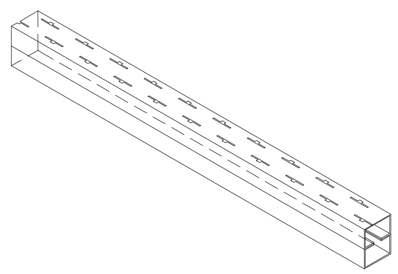

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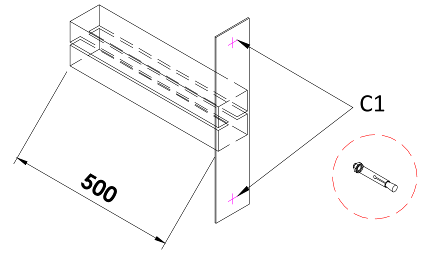

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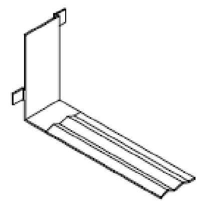
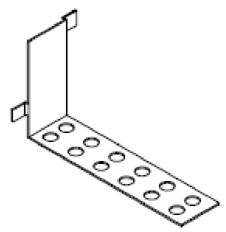


FOR BRICK

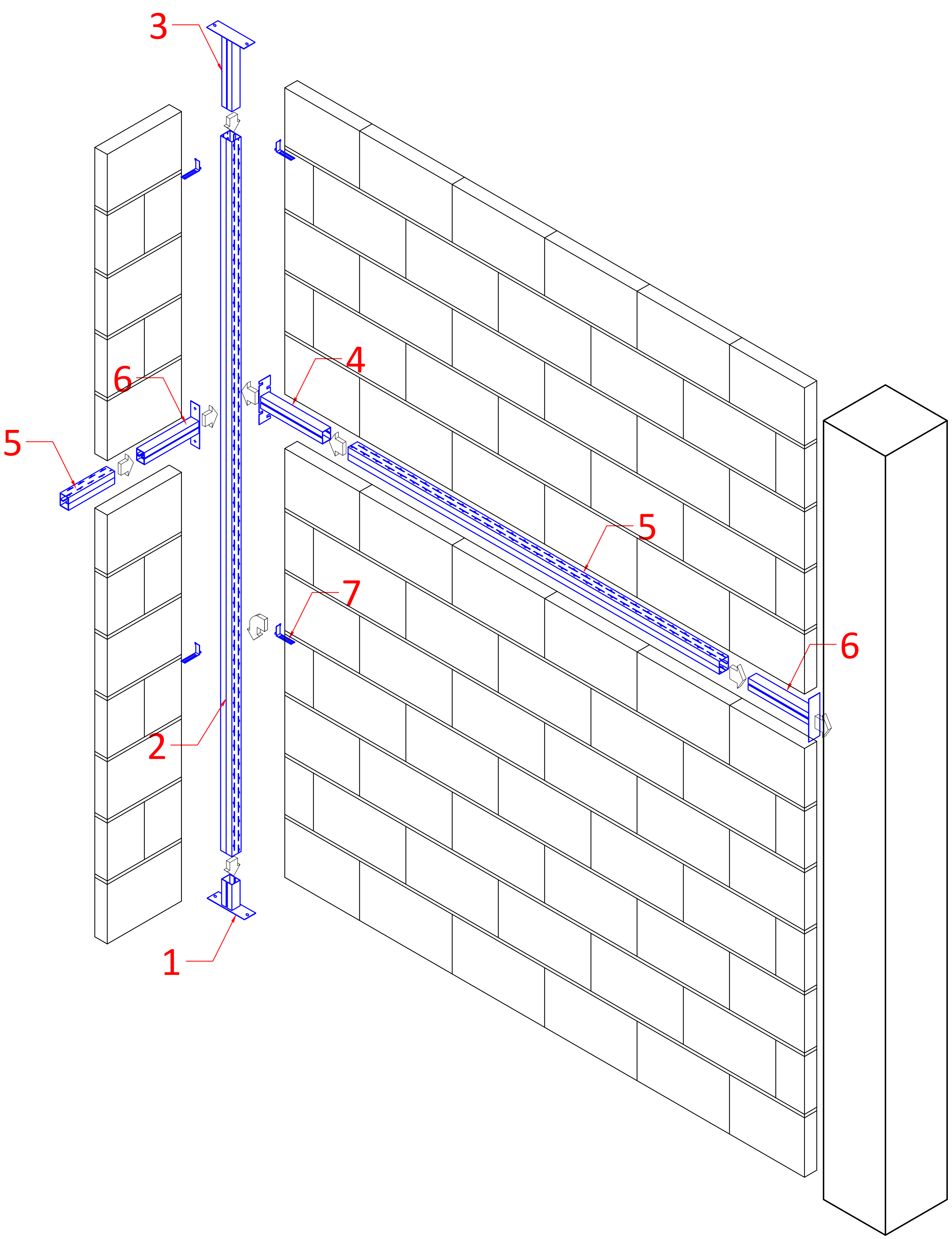
OR

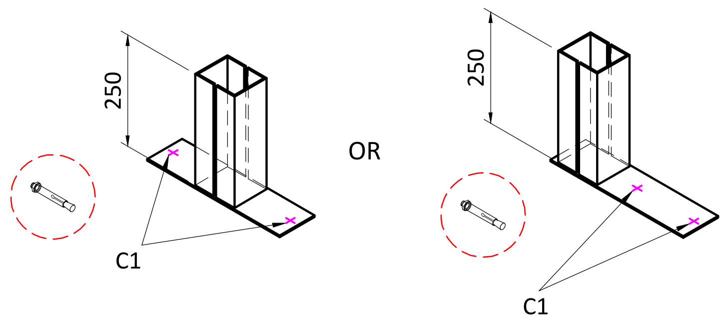


FOR BLOCK

DETAIL 7

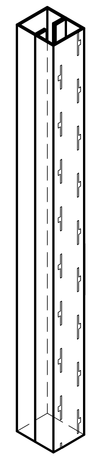
NOTE:
C1 = HSA M8 ANCHOR BOLTS OR EQUIVALENT
C2 = SELF-TAPPING SCREWS (12+24tpi) or equivalent





*EXTERNAL WALL = 500/700mm SLEEVE LENGTH (Subject to design)

DETAIL 1



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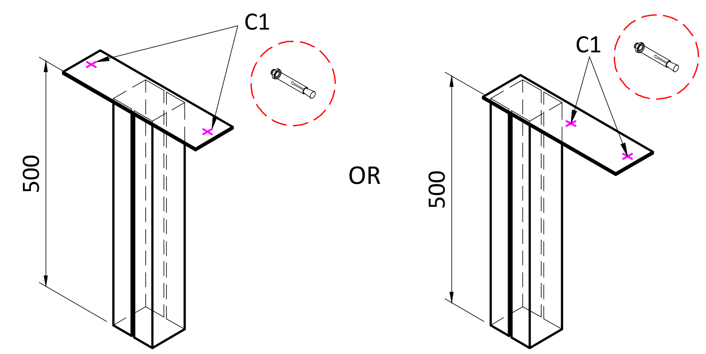

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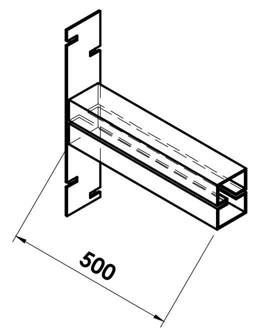

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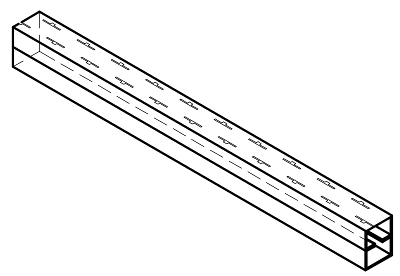

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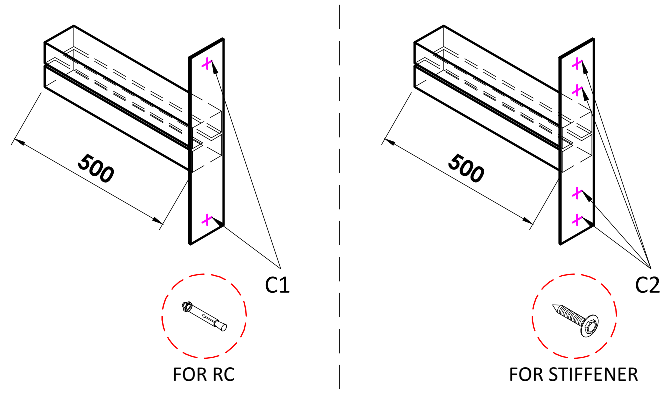

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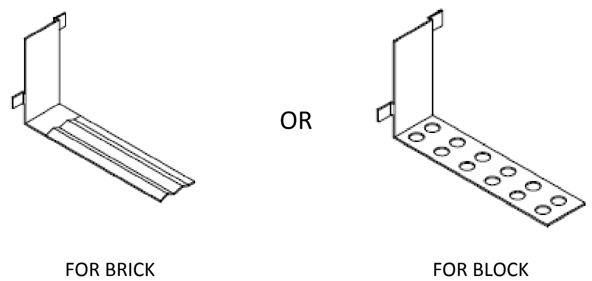

DETAIL 7

NOTE:
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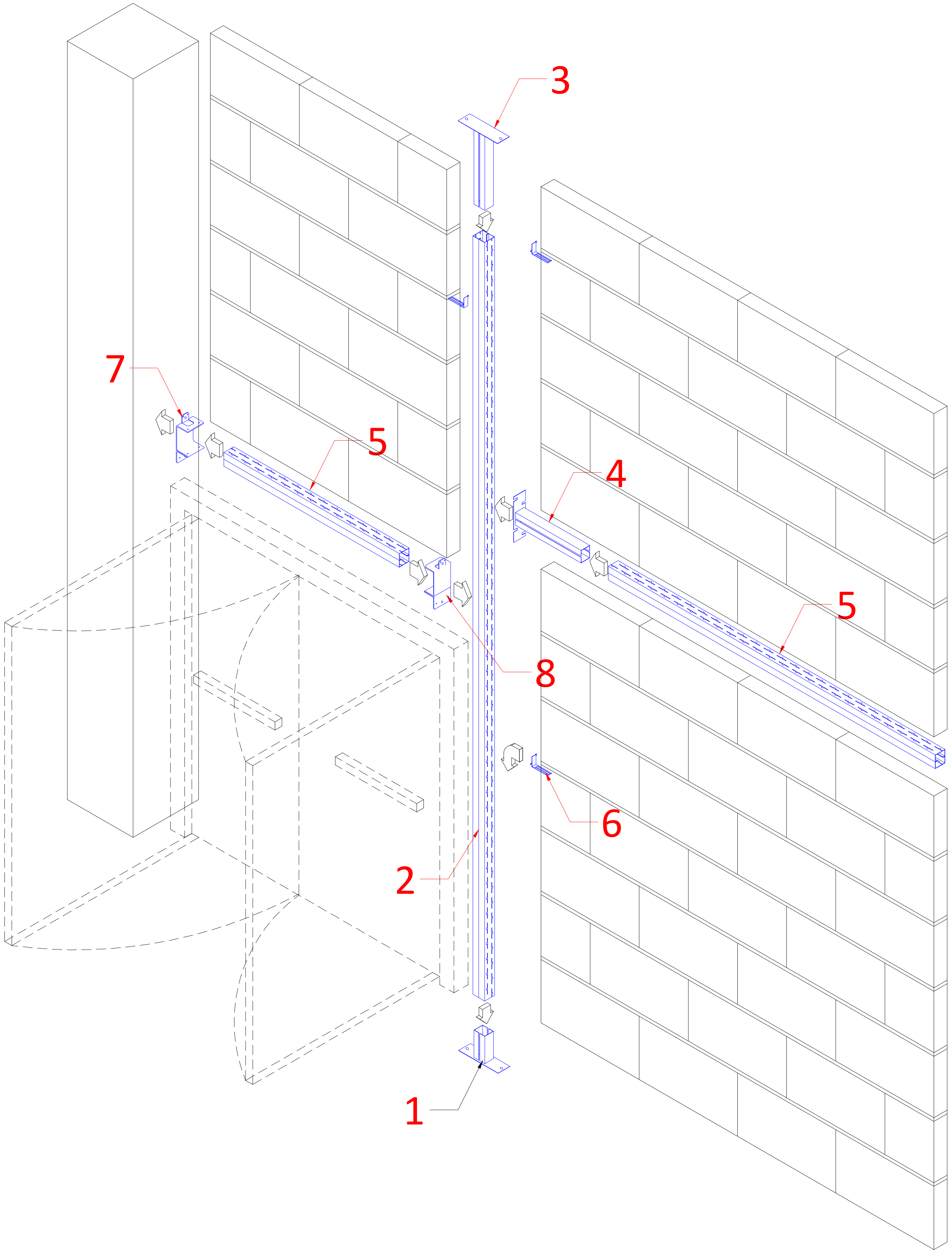
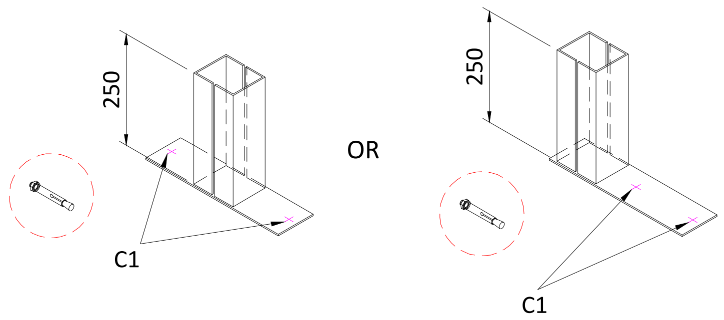
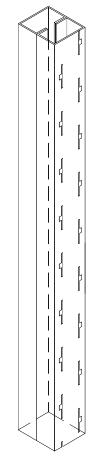




*EXTERNAL WALL = 500/700mm SLEEVE LENGTH (Subject to design)

DETAIL 1



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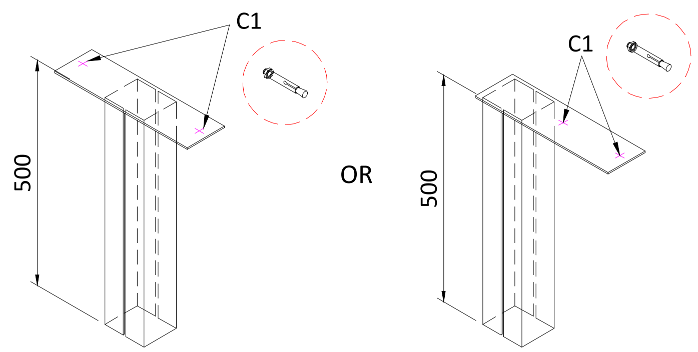

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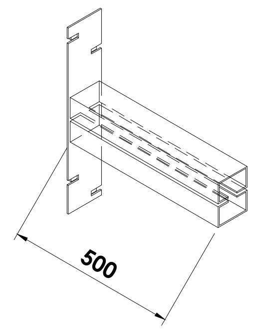

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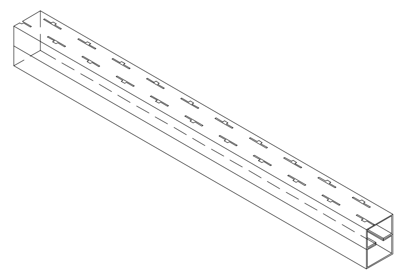

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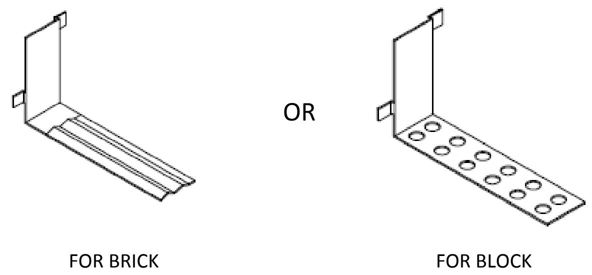

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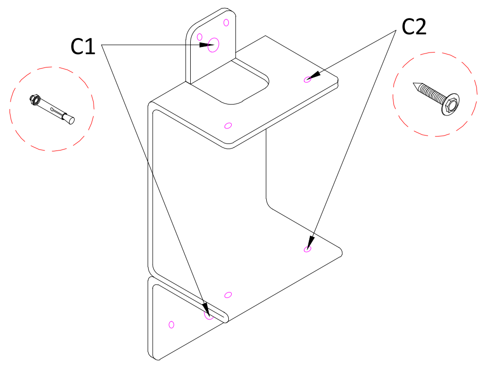

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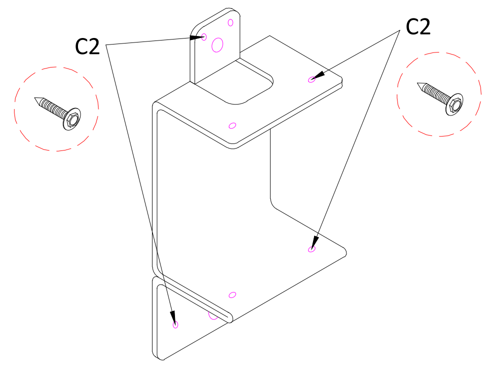

DETAIL 8

NOTE:
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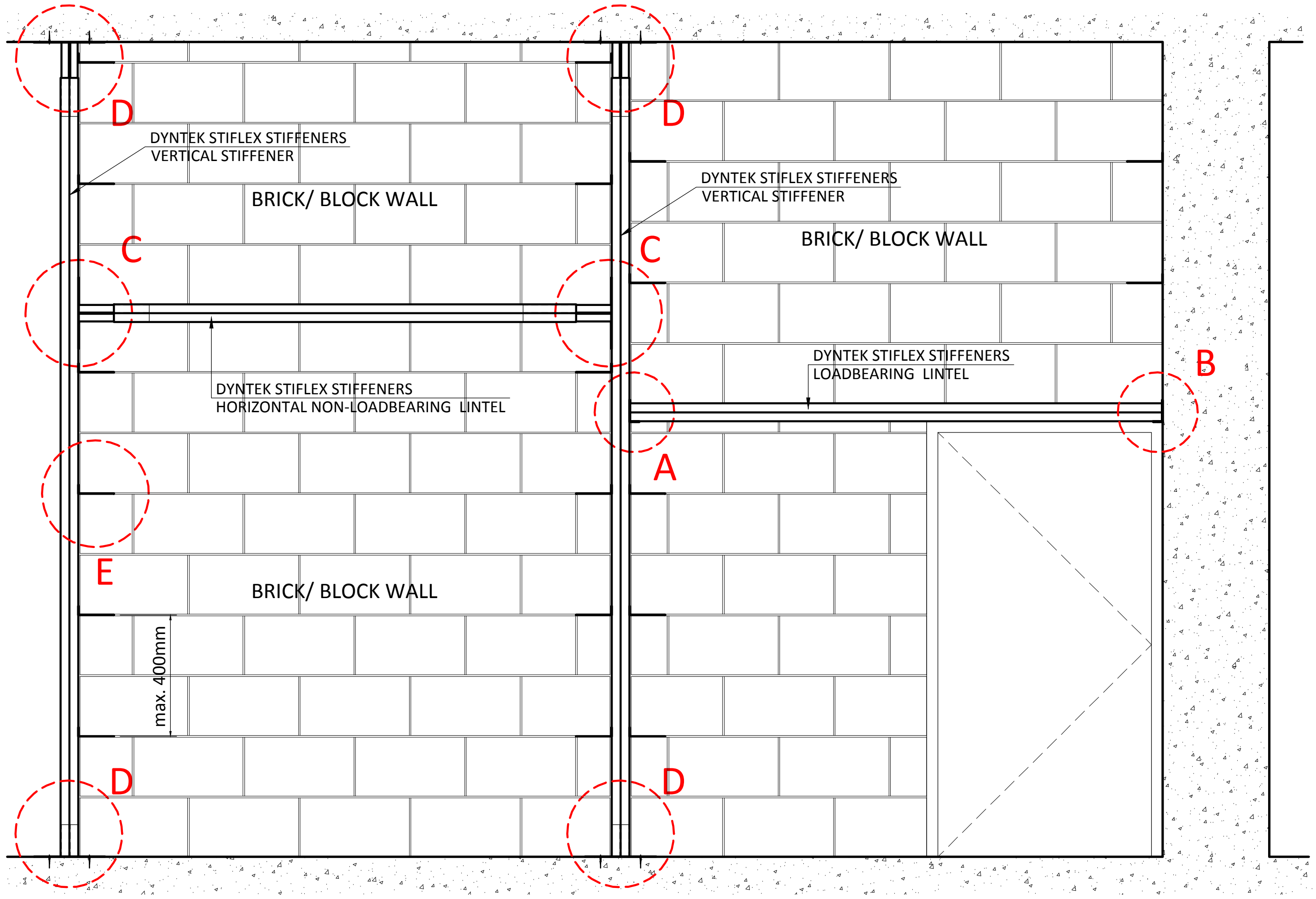
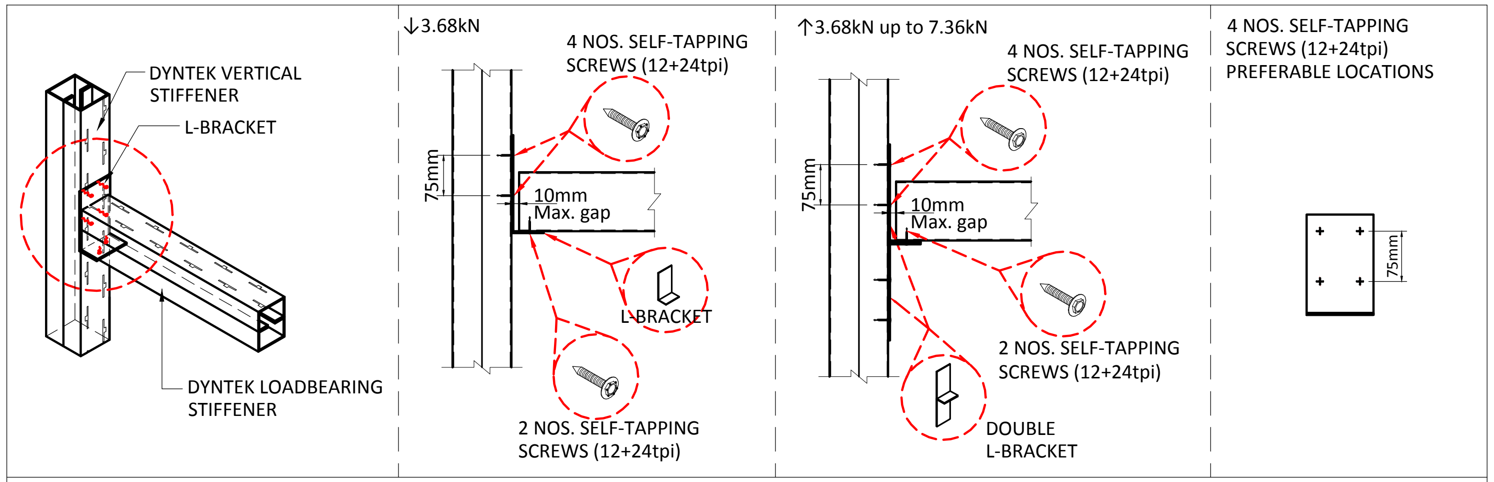
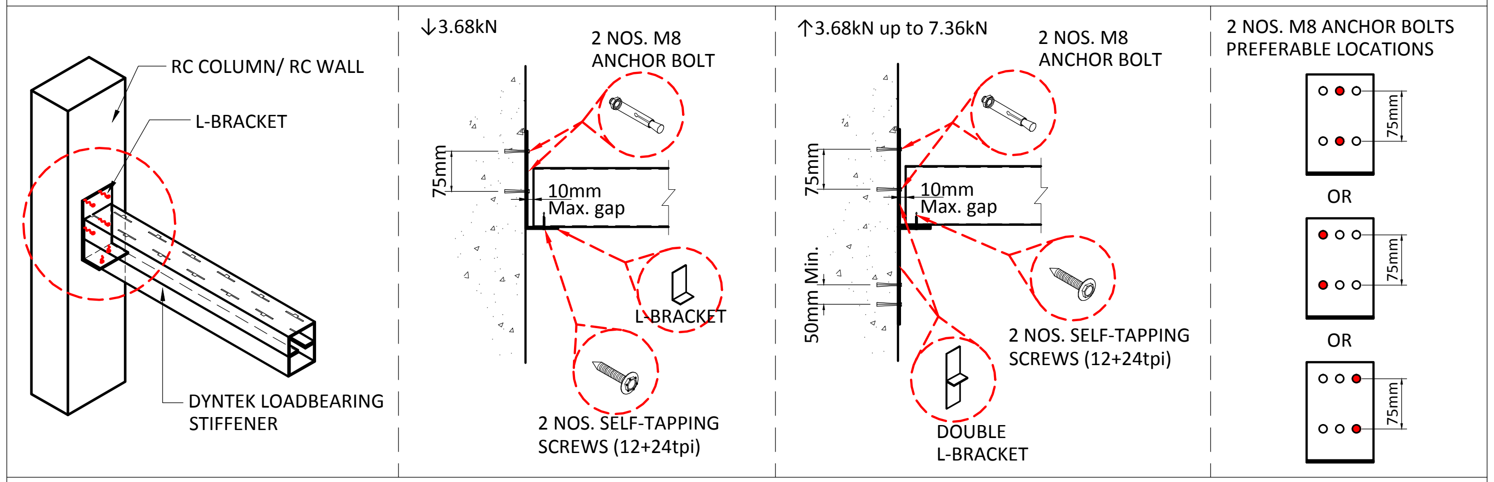
TYPICAL CONNECTION DETAILS

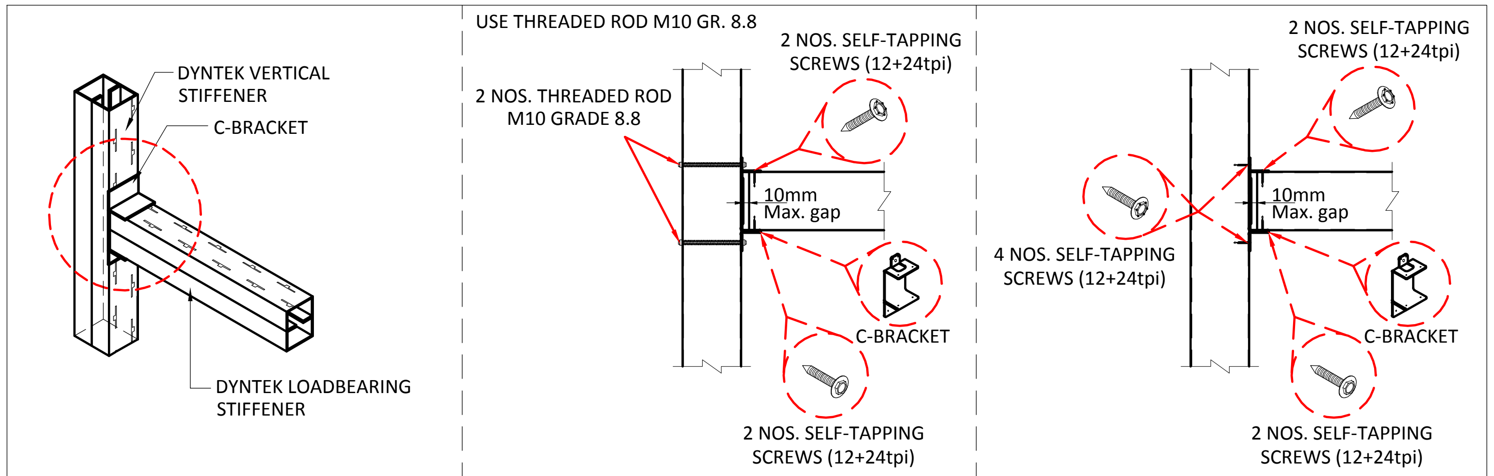




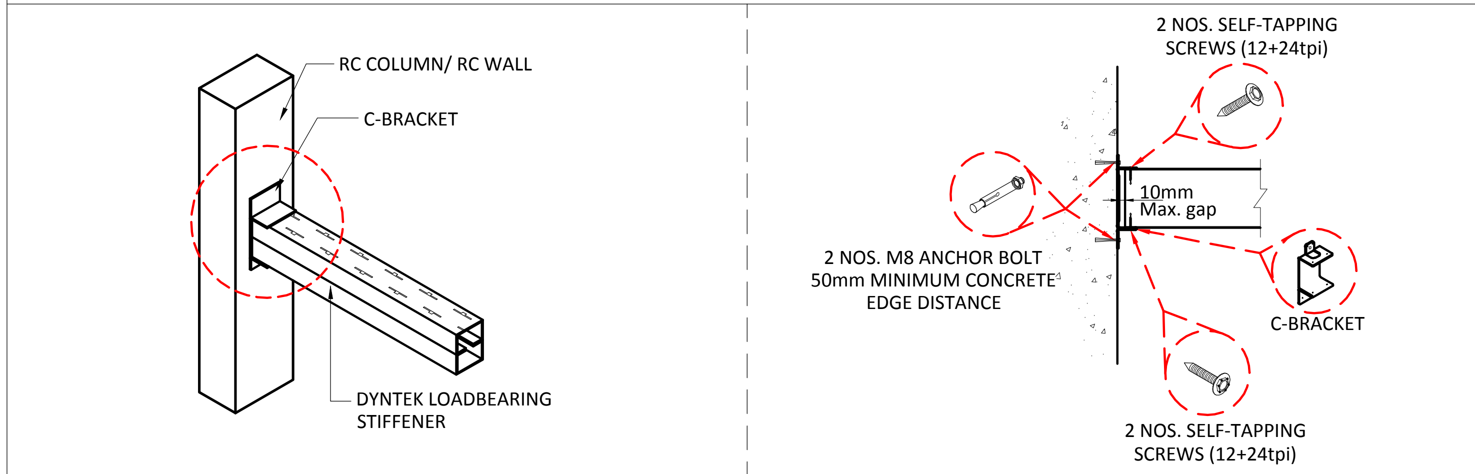
DETAIL A



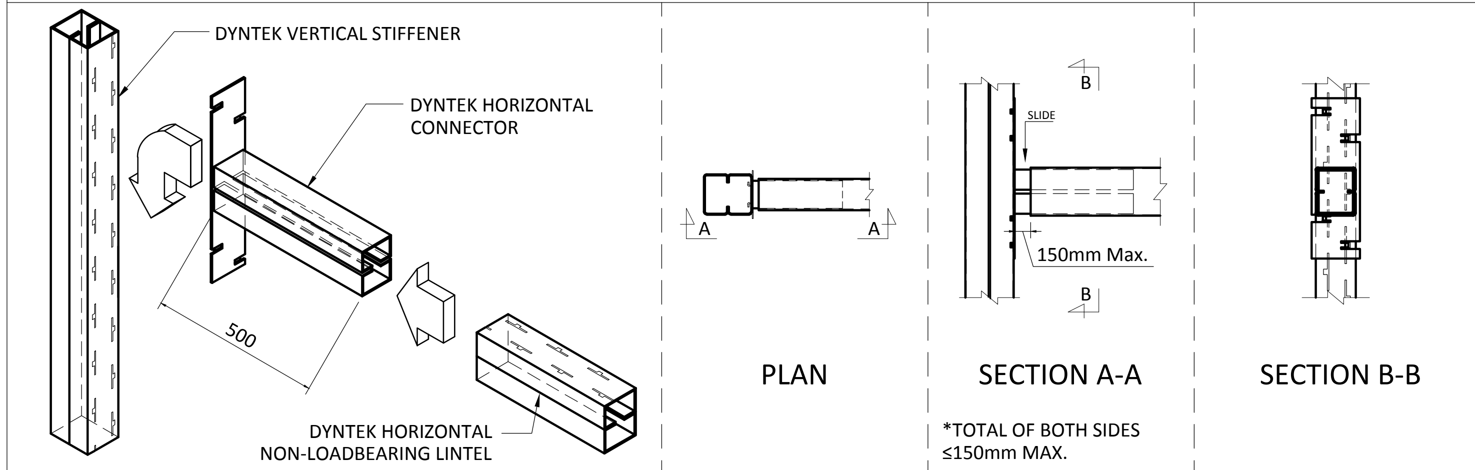
DETAIL B



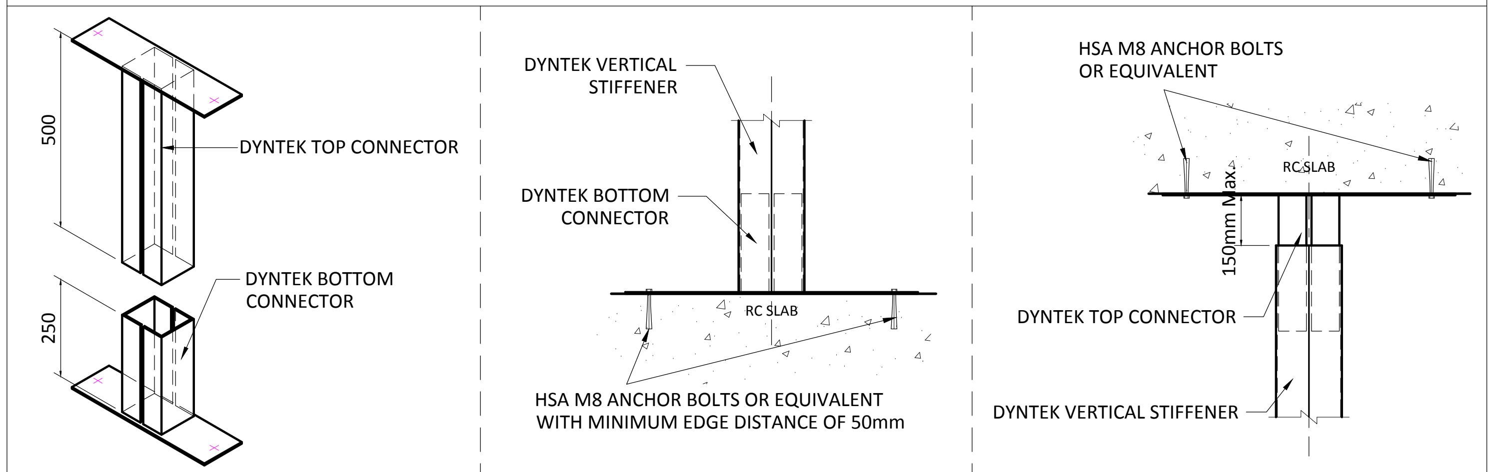
DETAIL A (USING C-BRACKET)



DETAIL B (USING C-BRACKET)



DETAIL C



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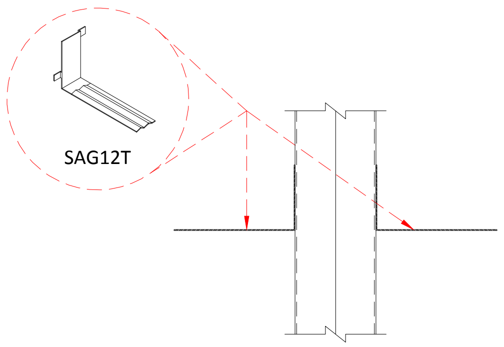
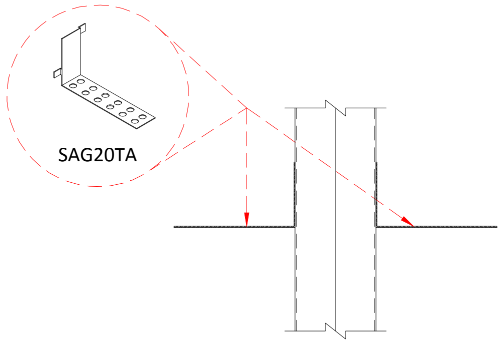


FOR BRICK WALL

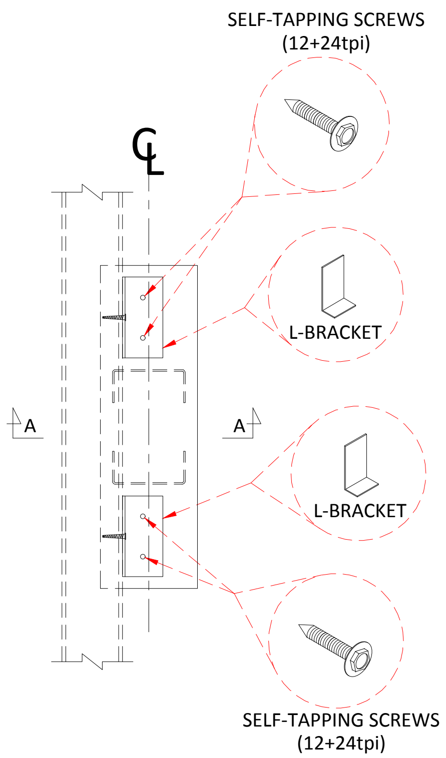
OR



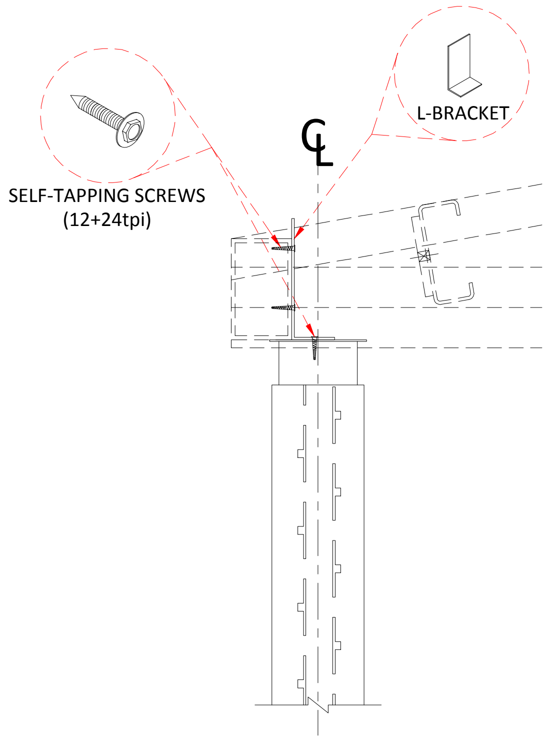
FOR BLOCK WALL

DETAIL E

SPECIAL CONNECTION DETAILS



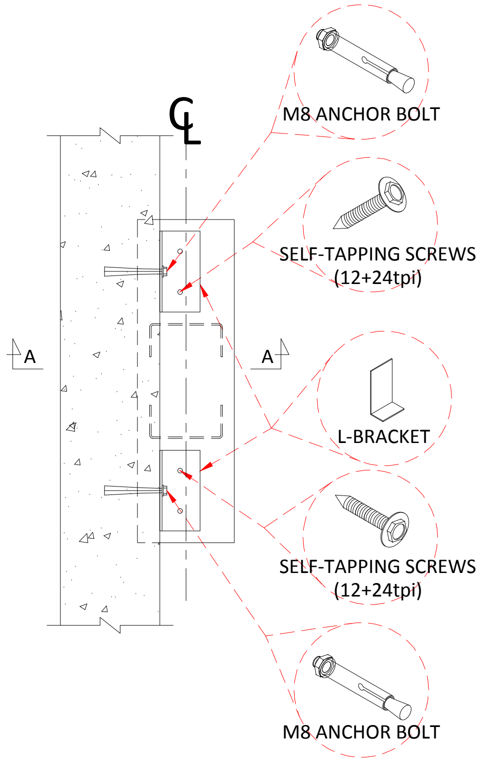
PLAN



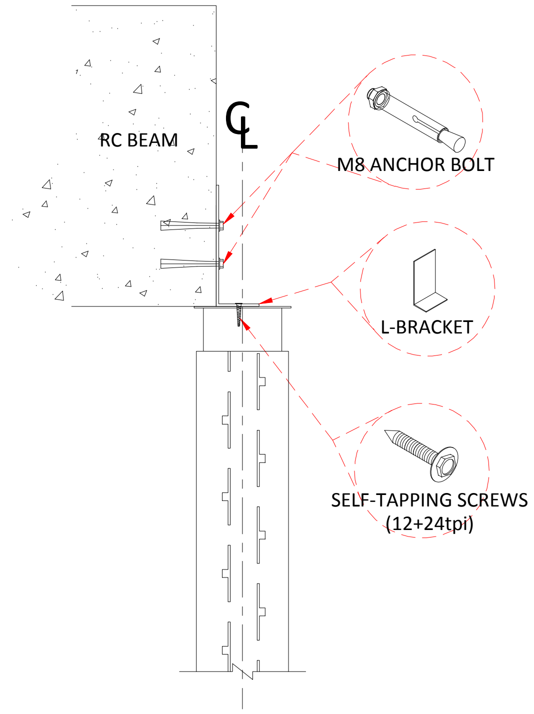
SECTION A-A

CASE 1: CONNECTOR OFFSET TO TRUSS

SPECIAL CONNECTION DETAILS

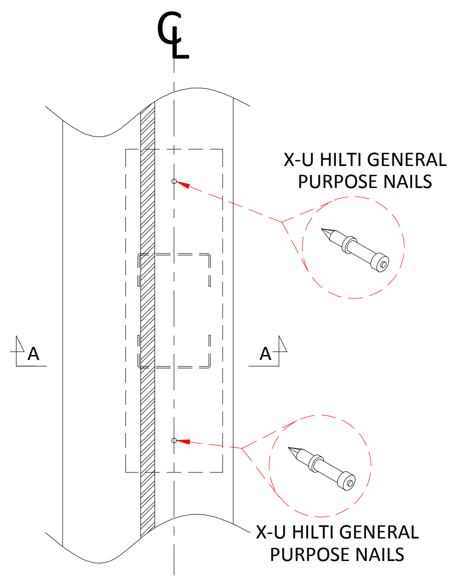


PLAN

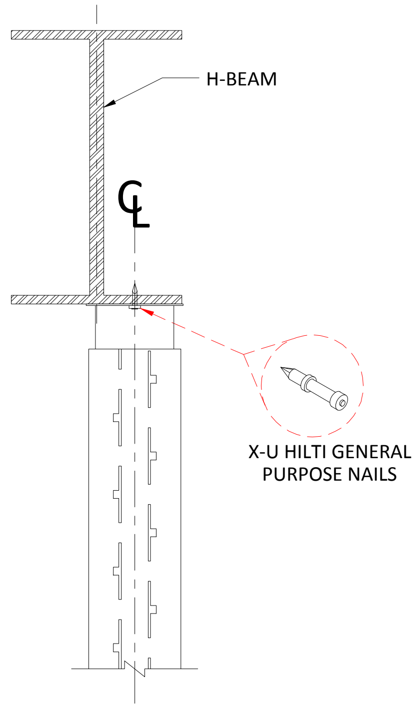


SECTION A-A

CASE 2: CONNECTOR OFFSET TO RC BEAM



PLAN

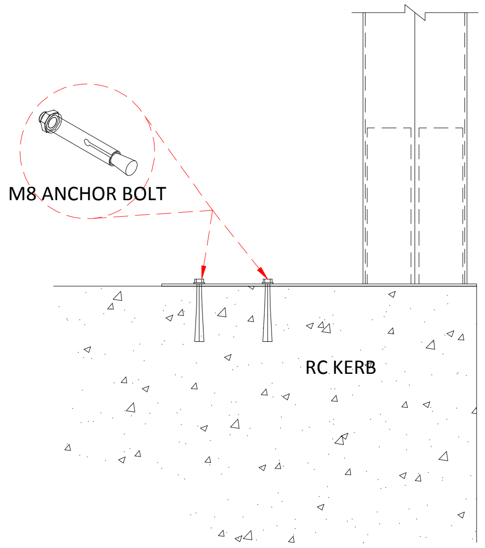


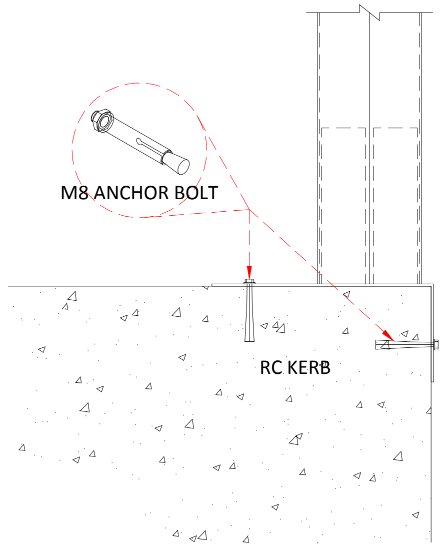
SECTION A-A

CASE 3: CONNECTOR OFFSET TO H-BEAM

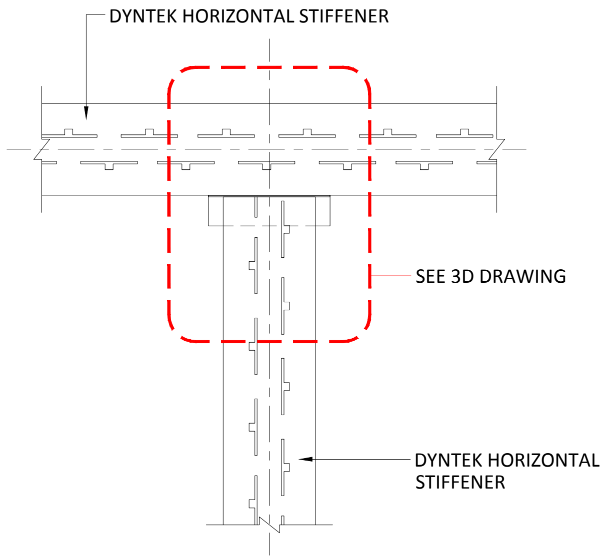
SPECIAL CONNECTION DETAILS

*ONE SIDE CONNECTOR

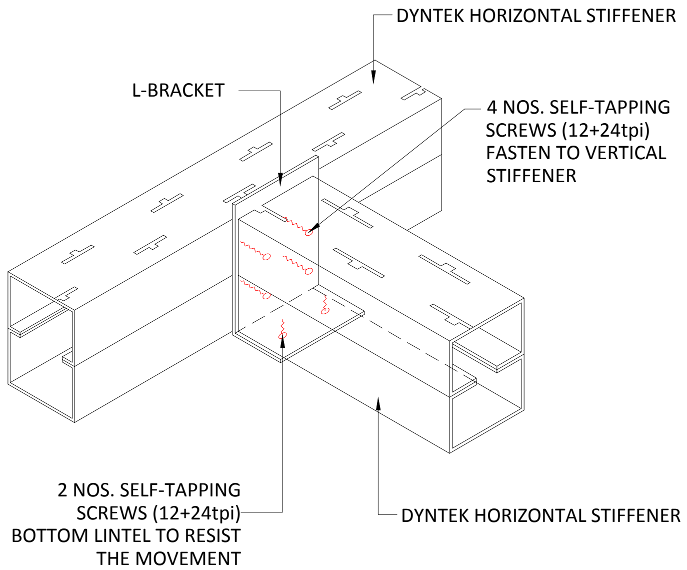




CASE 4: CONNECTOR ON EDGE OF KERB

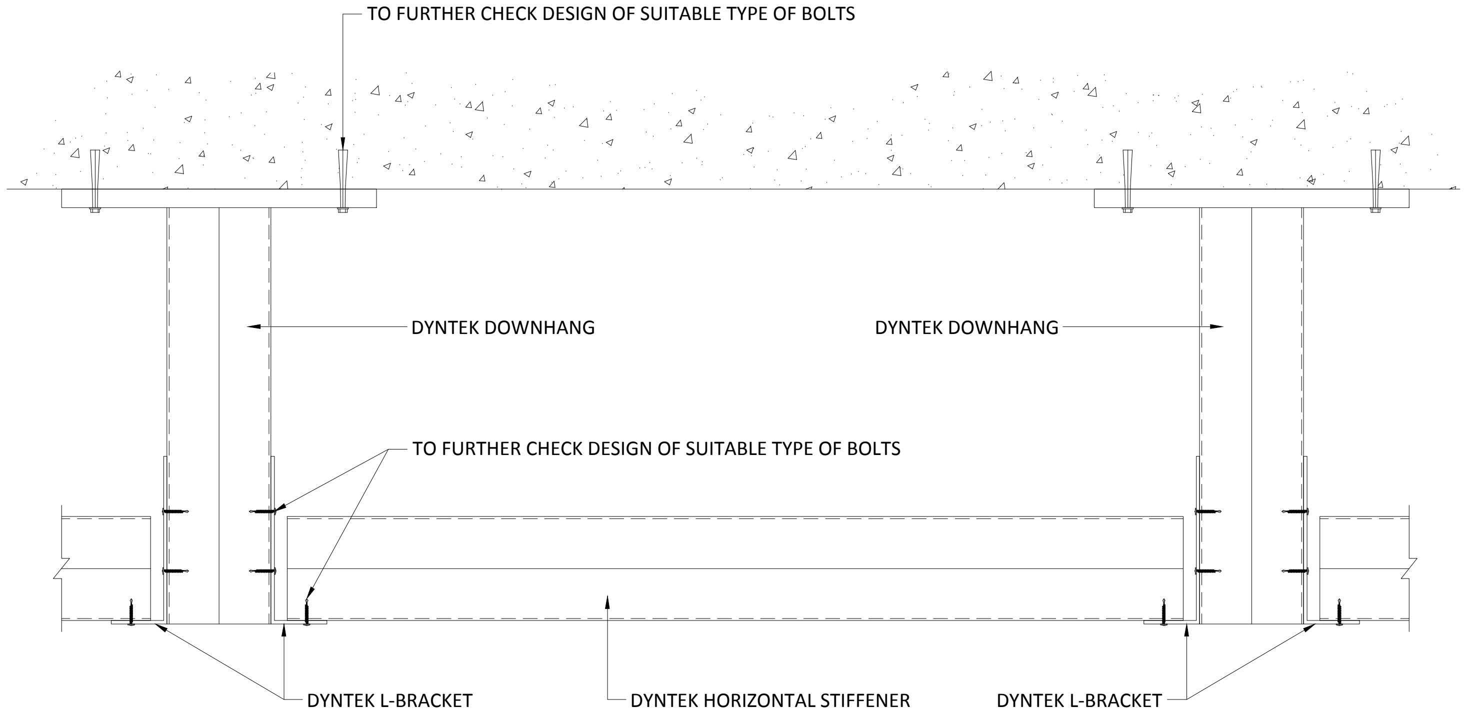


PLAN



3D

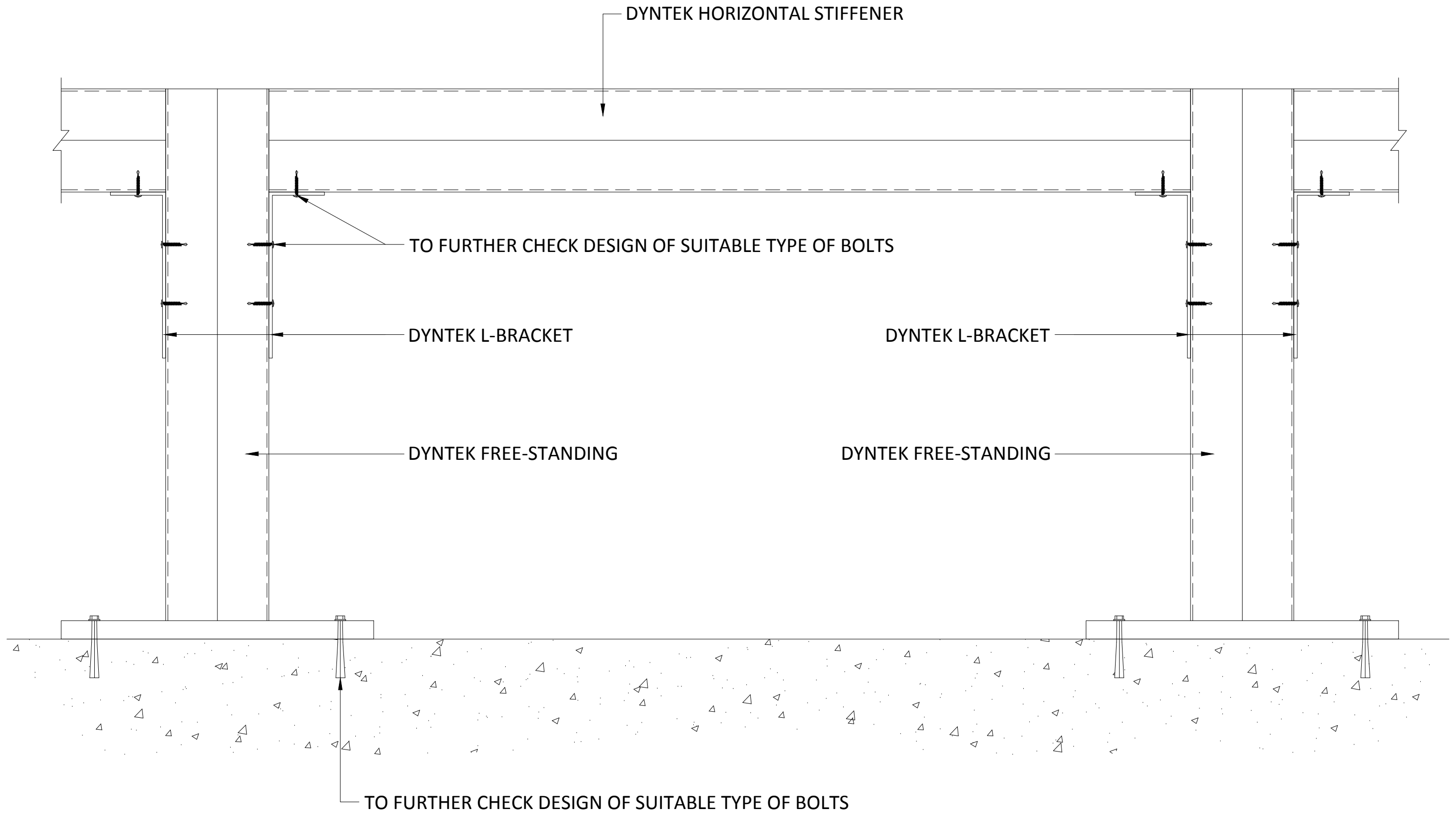
CASE 5: HORIZONTAL TO HORIZONTAL CONNECTION



*CHECK WITH ENGINEER FOR THE CONNECTION DETAILS

CASE 6: DOWNHANG CONNECTION

SPECIAL CONNECTION DETAILS

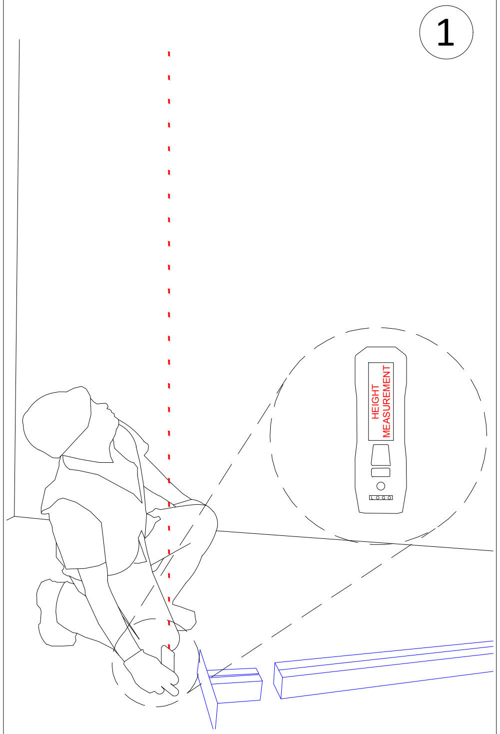


*CHECK WITH ENGINEER FOR THE CONNECTION DETAILS

CASE 7: FREE-STANDING CONNECTION

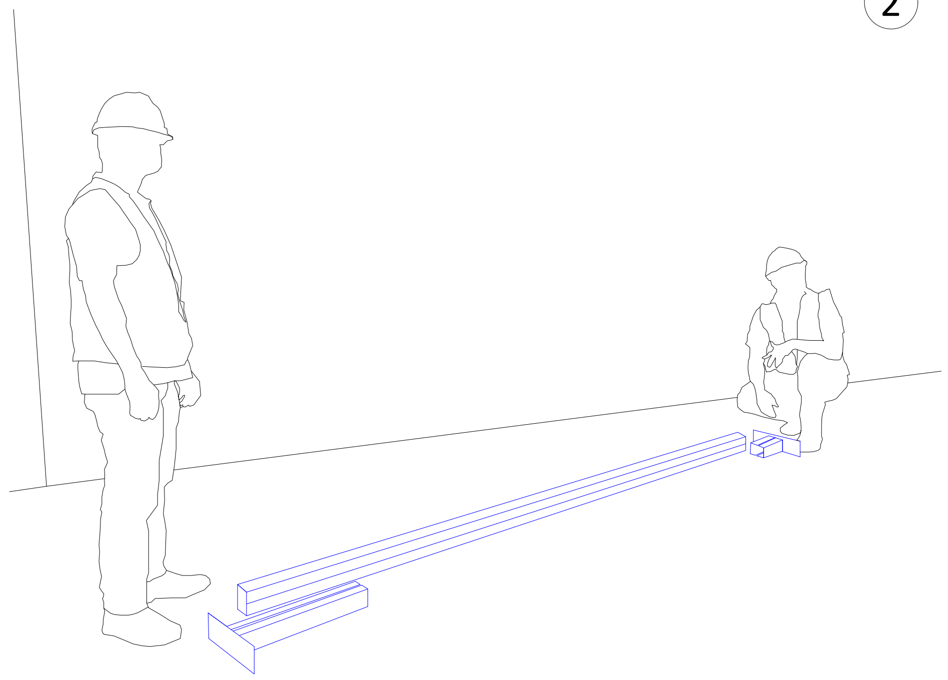
CORRECT ROCKWOOL REMOVAL

1



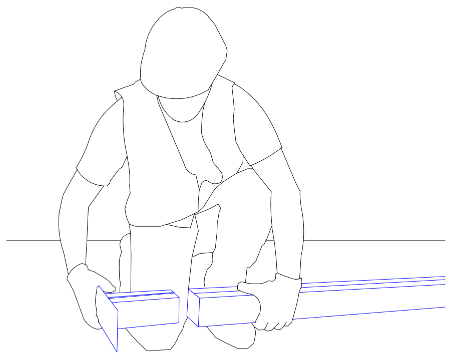
SITE WORKER TO MEASURE/ DETERMINE THE WALL HEIGHT FIRST FROM LASER METER/ MEASURING TAPE BEFORE INSTALLING STIFFENER.

2



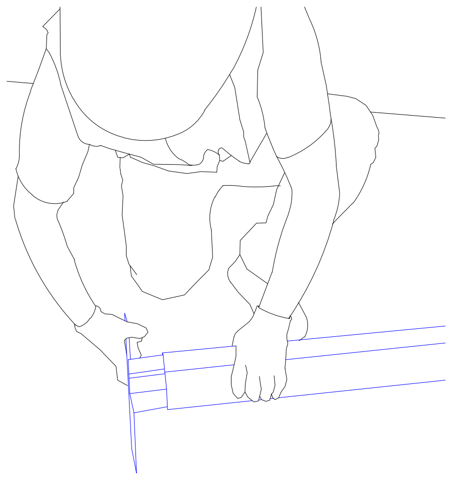
SITE WORKER TO LAYOUT MAIN STIFFENER MEMBER AND BOTH VERTICAL AND HORIZONTAL CONNECTORS.

3



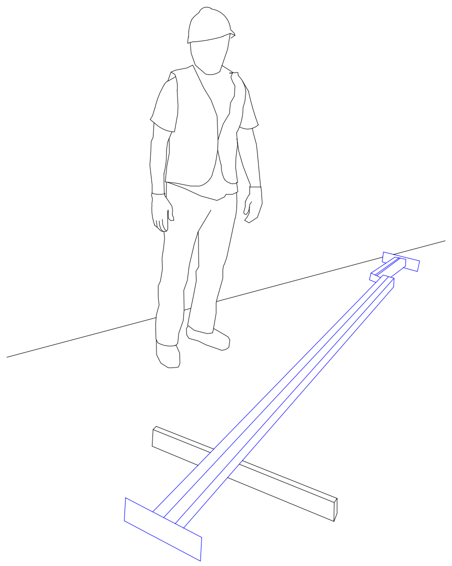
SITE WORKER TO FIX BOTTOM CONNECTOR FIRST INTO THE MAIN STIFFENER MEMBER (PART 1).

4



SITE WORKER TO FIX BOTTOM CONNECTOR FIRST INTO THE MAIN STIFFENER MEMBER (PART 2).

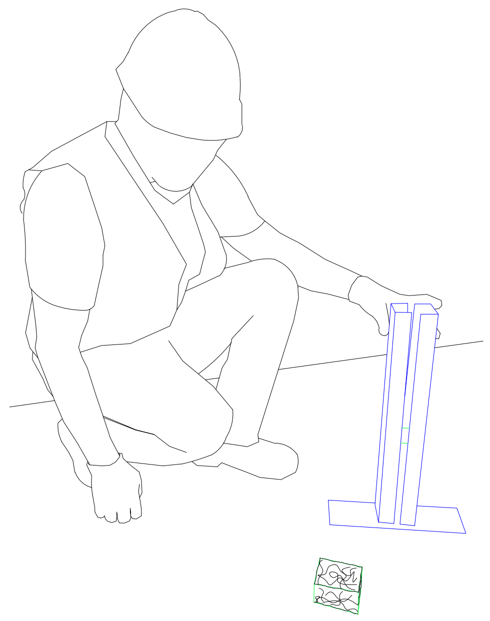
5



END OF FIXING BOTTOM CONNECTOR AND START OF FIXING TOP CONNECTOR.

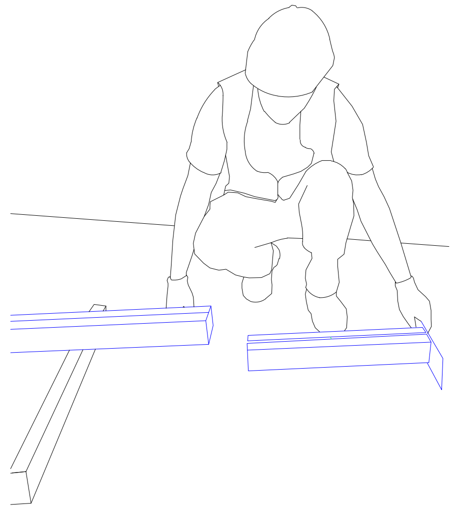
CORRECT ROCKWOOL REMOVAL

6



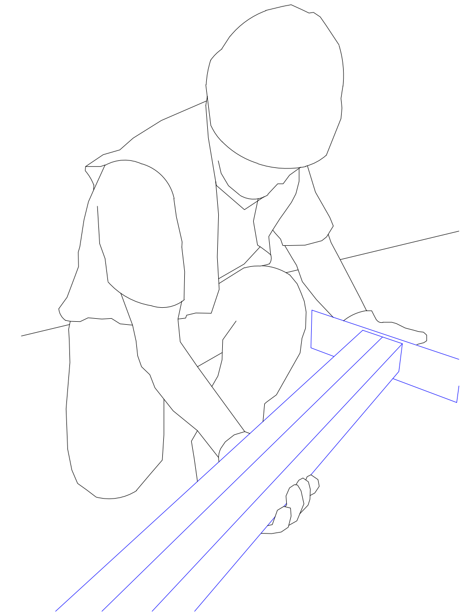
REMOVE EXCESS ROCKWOOL FROM TOP CONNECTOR BEFORE FIXING TOP CONNECTOR INTO MAIN STIFFENER MEMBER. DO NOT REMOVE ROCKWOOL FROM MAIN STIFFENER.

7



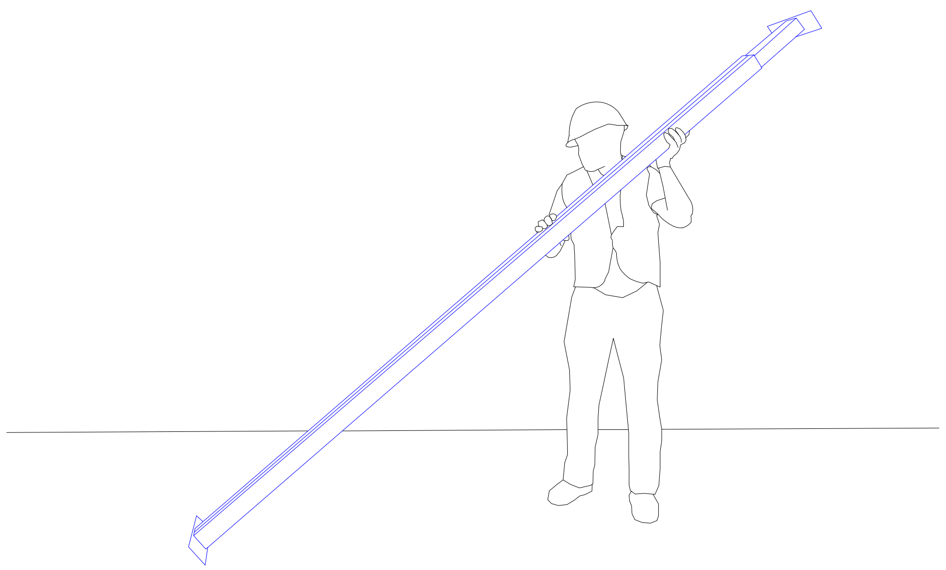
MOVING ONTO THE FIXING OF TOP CONNECTOR INTO THE MAIN STIFFENER MEMBER (PART 1).

8



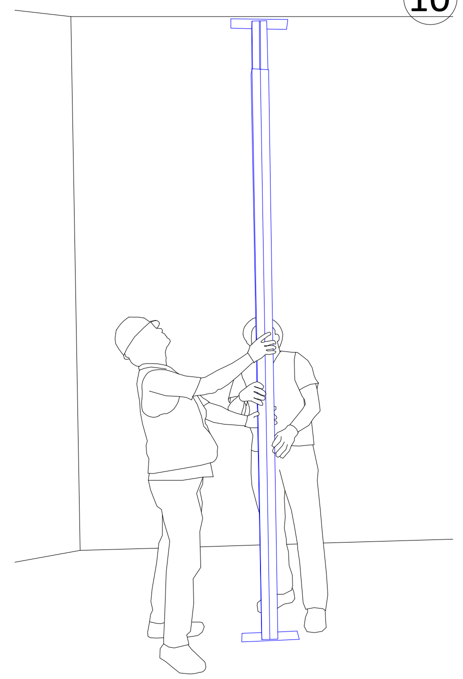
MOVING ONTO THE FIXING OF TOP CONNECTOR INTO THE MAIN STIFFENER MEMBER (PART 2).

9



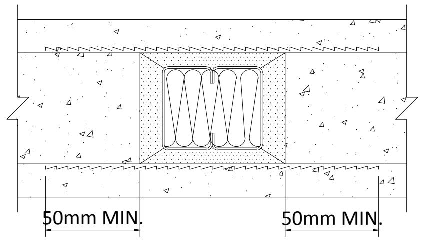
AFTER FIXING TOP CONNECTOR INTO THE MAIN STIFFENER BEAM, PUSH UP STIFFENER TO UPRIGHT POSITION.

10

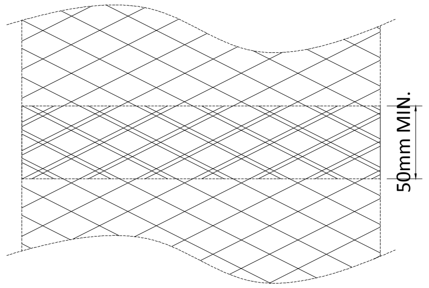


FASTENING ANCHOR BOLTS (TOP AND BOTTOM). COMPLETED.

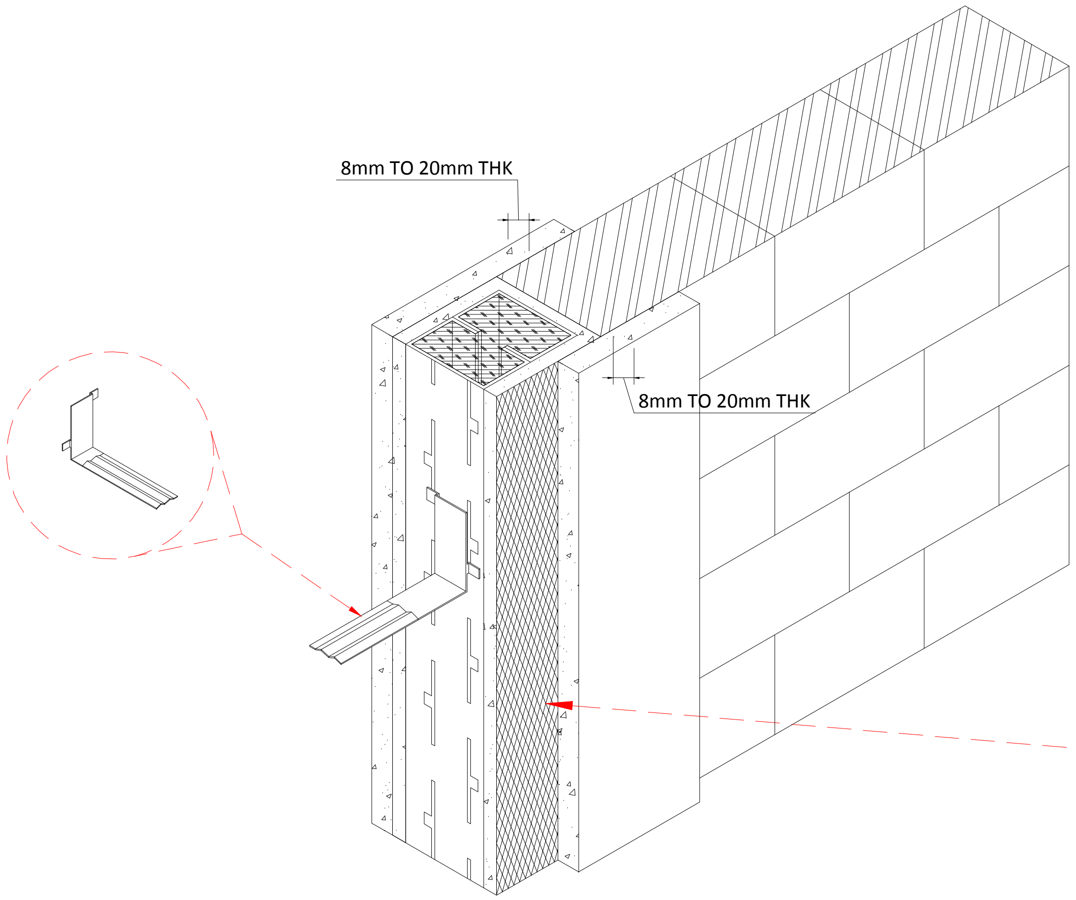
STIFLEX LATH FOR PLASTERING



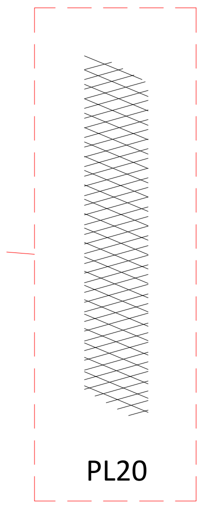
TYPICAL PLAN



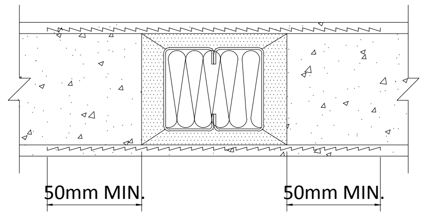
MESH OVER-LAPPING



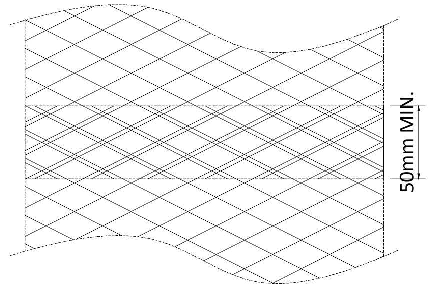
ISOMETRIC VIEW



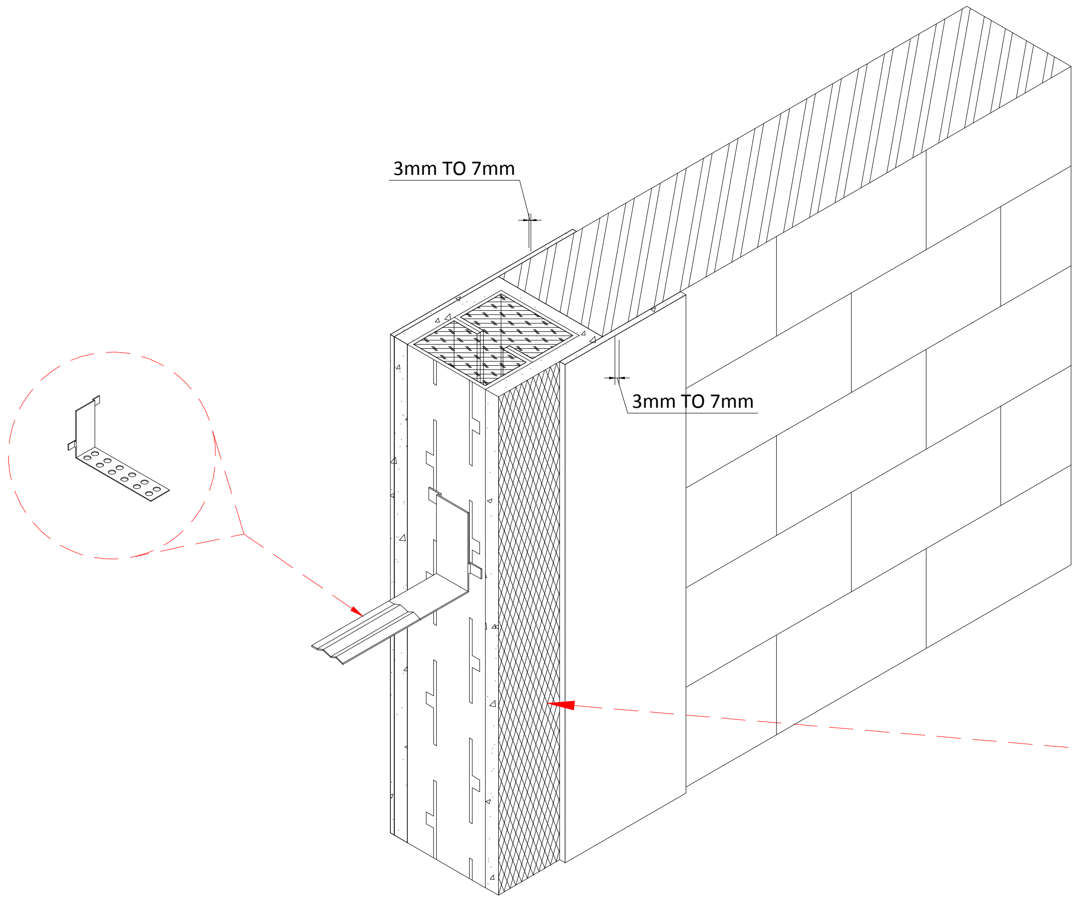
STIFLEX LATH FOR SKIM COATING



TYPICAL PLAN



MESH OVER-LAPPING



ISOMETRIC VIEW