



Connection Design Assistance Manual

Architectural
Cast
Stone



TABLE OF CONTENTS

PART 3 - CAST STONE

3.1 CONNECTIONS.....	3-1
A. Accent Banding Without Mechanical Fasteners.....	3-1
B. Accent Banding With Mechanical Fasteners.....	3-2
C. Window Sill.....	3-3
D. Window Lintels	3-4
E. Doweled Coping.....	3-5
F. Multiple Units with Mechanical Fasteners	3-6
G. Parapet - Control Joints.....	3-7
H. Soffits	3-8
I. Watertable.....	3-9

PART 3

Cast
Stone

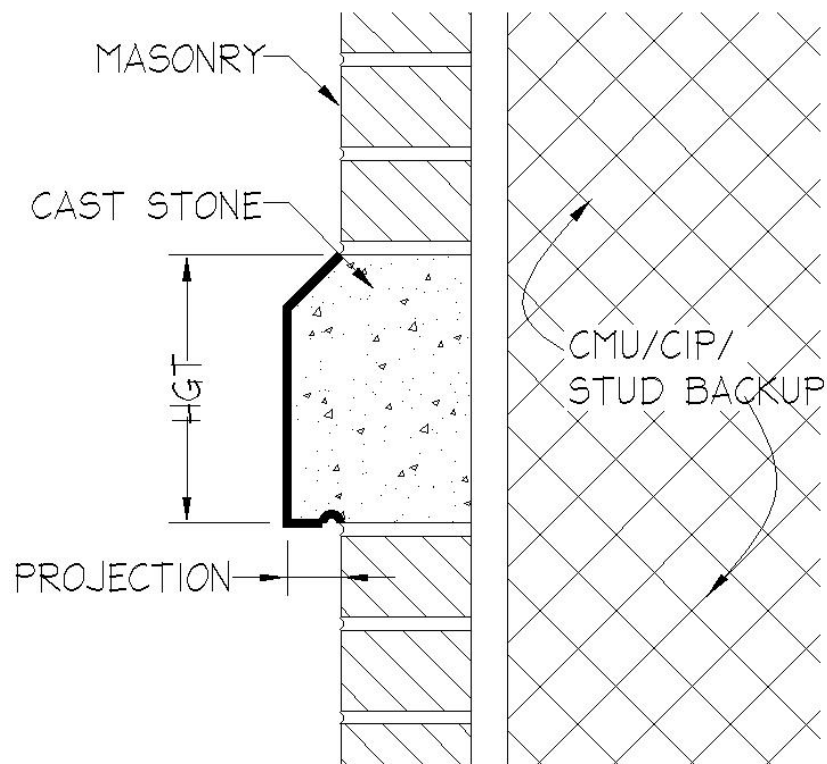


PART 3 - CAST STONE

3.1 CONNECTIONS

A. Accent Banding Without Mechanical Fasteners

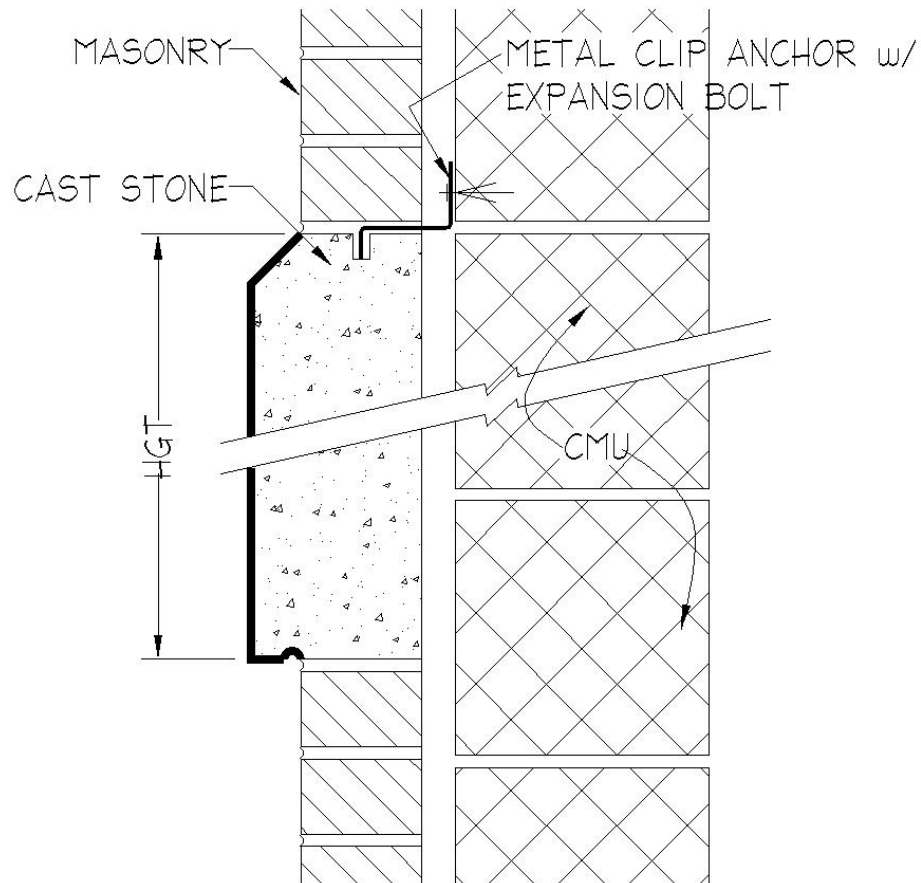
- Laid in place with mortar.



*Each illustrative connection is shown for concept only.
All connections must be engineered for project specific lateral and loading requirements.
All connections must be approved by a licenced engineerer.*

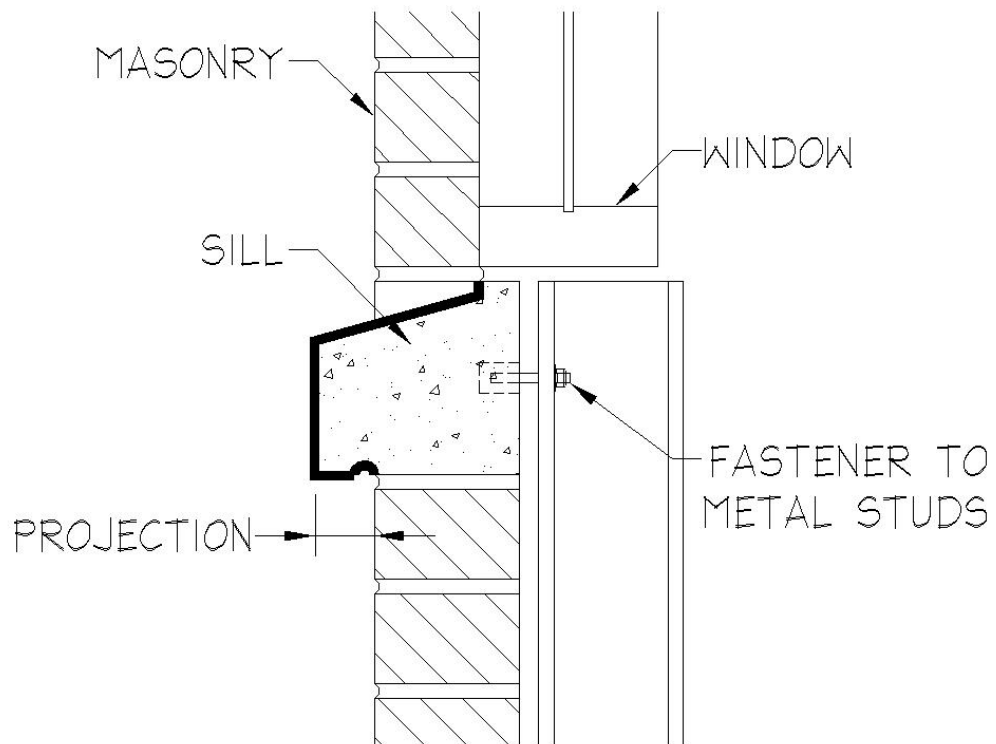
B. Accent Banding With Mechanical Fasteners

- Larger units mortared in place and tied back to structure.



*Each illustrative connection is shown for concept only.
All connections must be engineered for project specific lateral and loading requirements.
All connections must be approved by a licenced engineerer.*

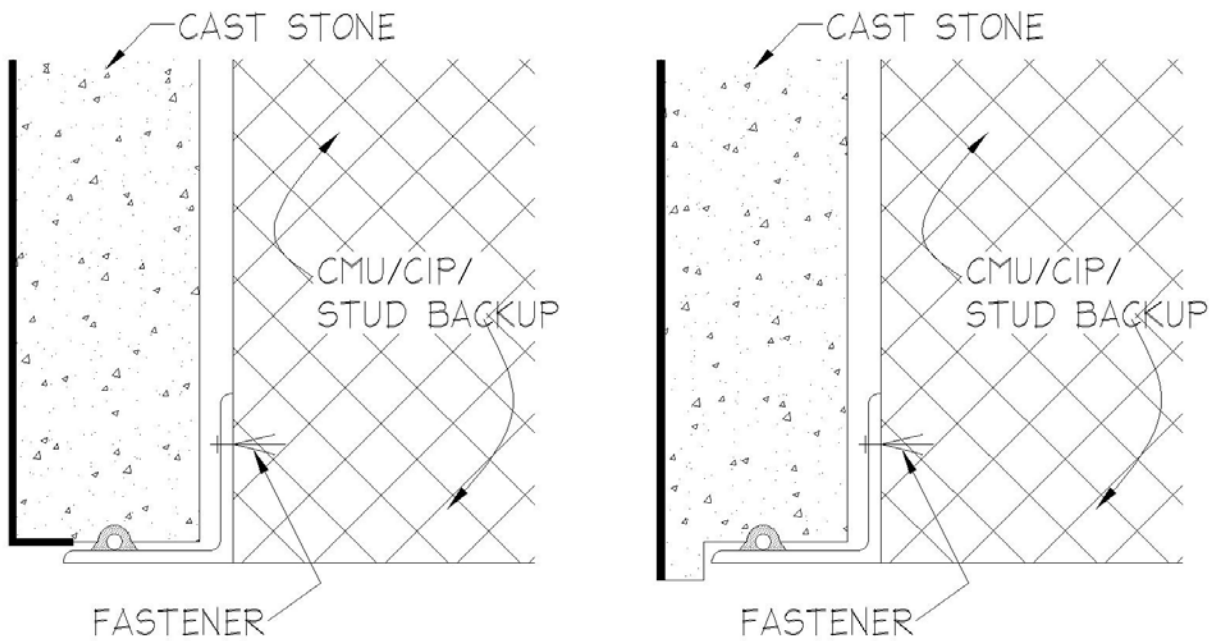
C. Window Sill



*Each illustrative connection is shown for concept only.
All connections must be engineered for project specific lateral and loading requirements.
All connections must be approved by a licenced engineerer.*

D. Window Lintels

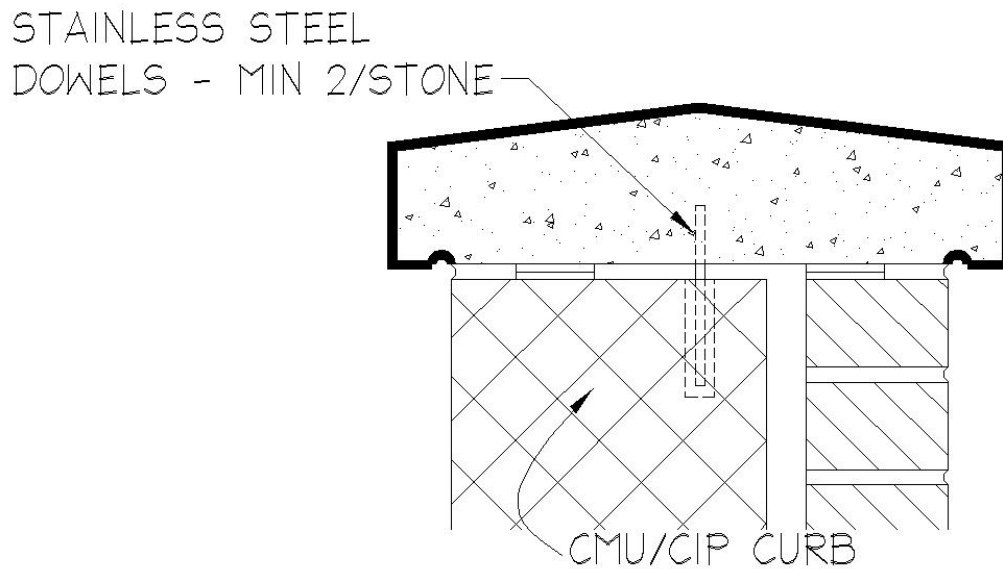
- Using relieving angels.



*Each illustrative connection is shown for concept only.
All connections must be engineered for project specific lateral and loading requirements.
All connections must be approved by a licenced engineerer.*

E. Doweled Coping

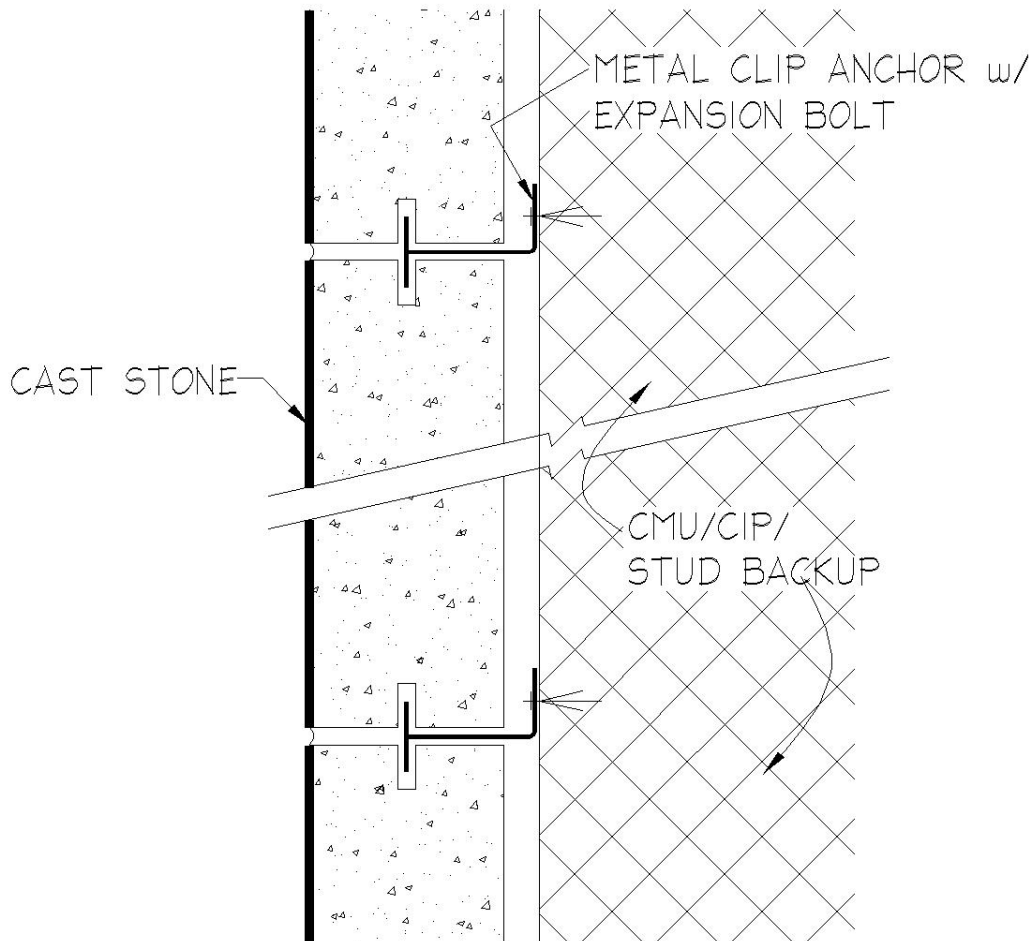
- Similar detail using masonry exposed both sides.



*Each illustrative connection is shown for concept only.
All connections must be engineered for project specific lateral and loading requirements.
All connections must be approved by a licenced engineerer.*

F. Multiple Units with Mechanical Fasteners

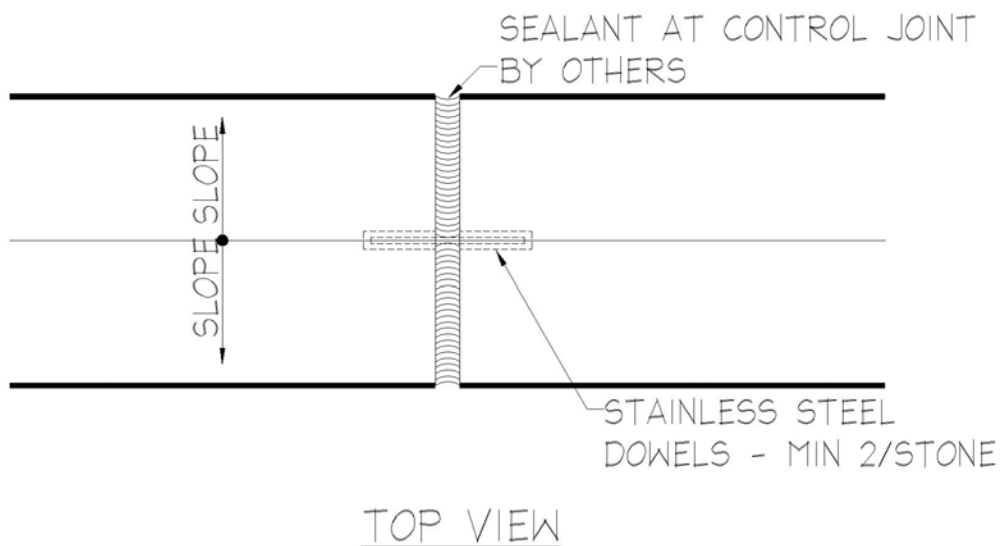
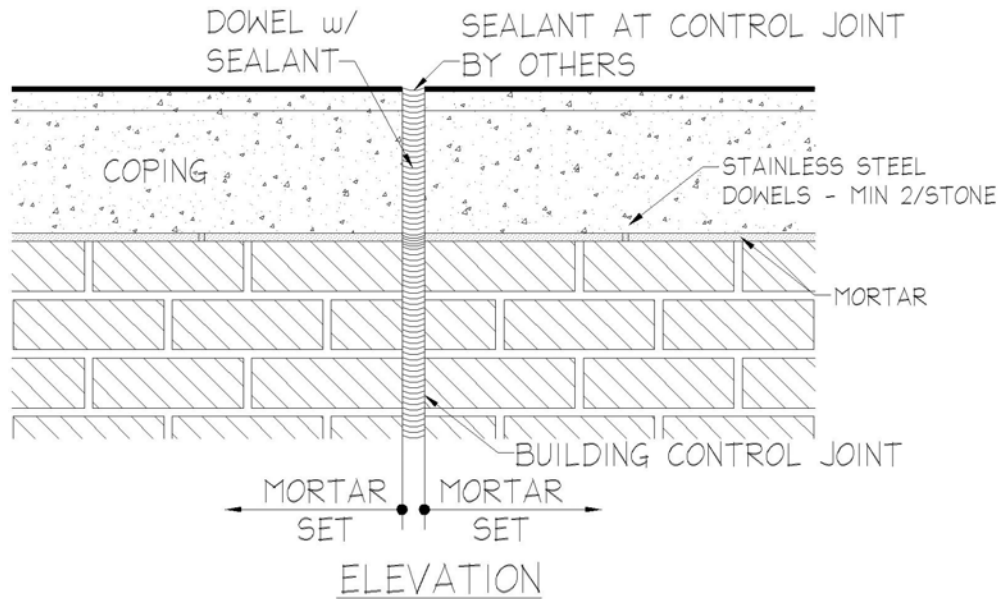
- Units are stacked and set with mortar.



*Each illustrative connection is shown for concept only.
All connections must be engineered for project specific lateral and loading requirements.
All connections must be approved by a licenced engineerer.*

G. Parapet - Control Joints

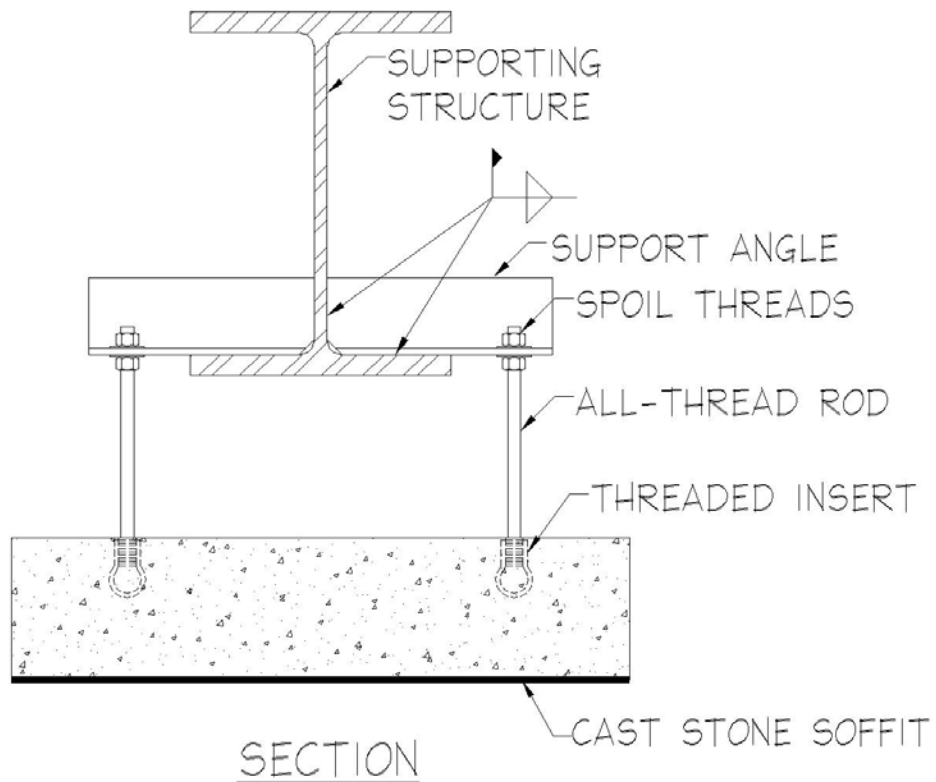
- Control joints are caulked by others with sealant.



Each illustrative connection is shown for concept only.
All connections must be engineered for project specific lateral and loading requirements.
All connections must be approved by a licenced engineerer.

H. Soffits

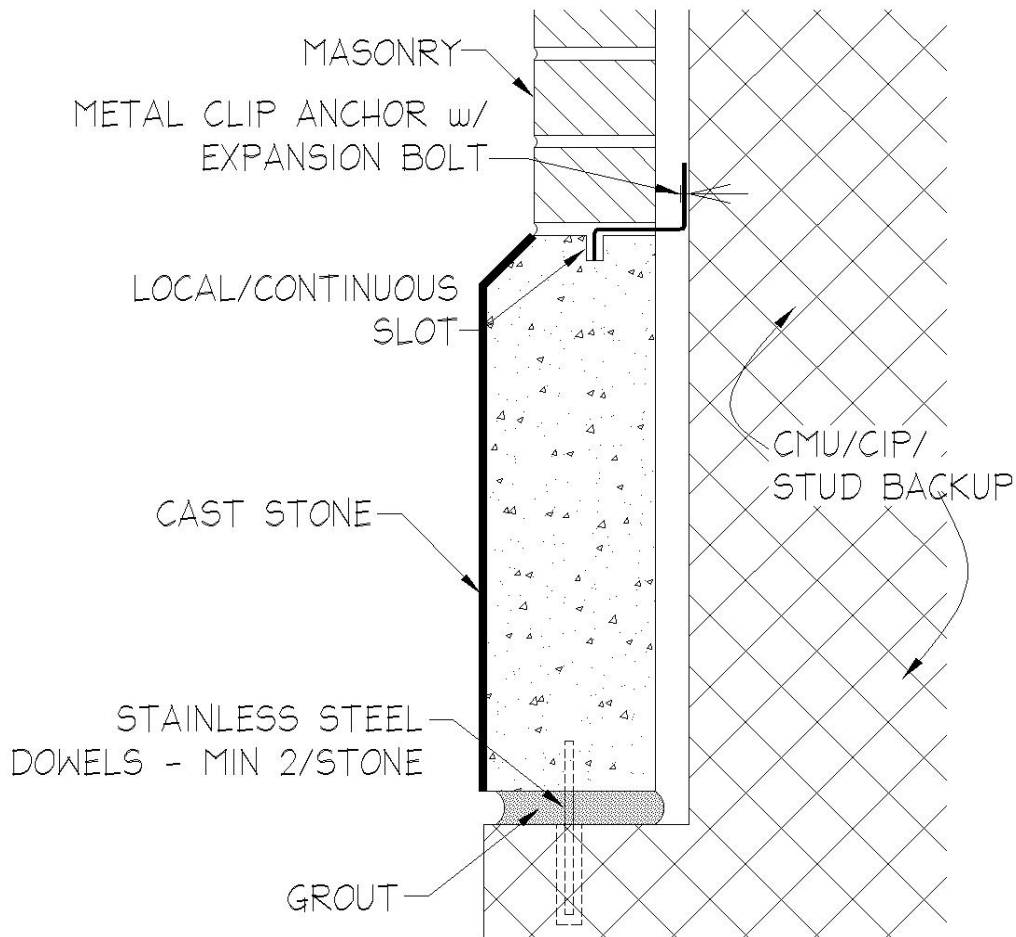
- Supported from steel structure.



*Each illustrative connection is shown for concept only.
All connections must be engineered for project specific lateral and loading requirements.
All connections must be approved by a licenced engineerer.*

I. Watertable

- Doweled, grouted and mechanically fastened.



*Each illustrative connection is shown for concept only.
All connections must be engineered for project specific lateral and loading requirements.
All connections must be approved by a licenced engineerer.*