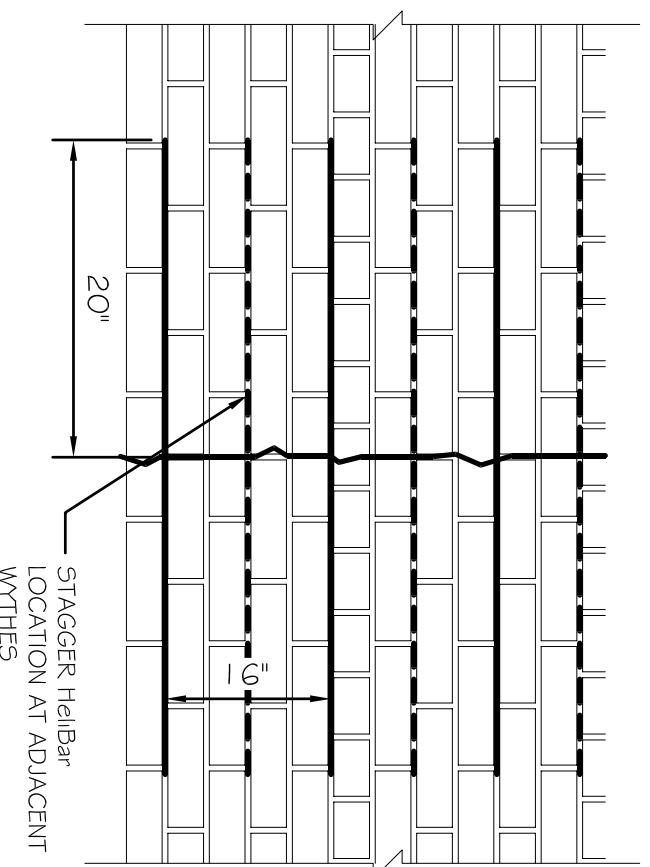


METHOD STATEMENT

- Using a twin-bladed, diamond-tipped wall chaser with vacuum attachment, cut slots into the horizontal mortar joints to the specified depth and at the required vertical spacing. Ensure that NO mortar is left attached to the exposed brick surfaces in order to provide a good masonry/gROUT bond.
- Remove ALL dust and mortar from the slots and thoroughly flush with water. Where the substrate is very porous or flushing with water is inappropriate, use HeliFinner WB. Ensure the slot is damp or primed prior to commencing step 5.
- Mix HeliBond cementitious grout using a power mixer and load into the HeliX pointing gun CO.
- Fit the appropriate mortar nozzle.
- Inject a bead of HeliBond grout, approx. 3/8" deep, into the back of the slot.
- Push the HeliBar into the grout to obtain good coverage.
- Inject a second bead of HeliBond grout over the exposed HeliBar and continue to inject HeliBond as finger trowel. Inject 3/8" x 3/8" for low pointing necessary, leaving 3/8" x 3/8" for low pointing.
- Use crak mastic/sealant HeliX bonding agent e.g. HeliBond for CrackBond, depending on the width of the crack and the surface made good or left ready for any decoration.
- Clean tools with clean, fresh water.

N.B. Pointing may be carried out as soon as is convenient after the HeliBond has started to gel.



RECOMMENDED TOOLING

For cutting slots up to 1 1/8" deep..... Twin bladed cutter
For mixing HeliBond..... 3-jaw chuck drill with mixing paddle
For injection of HeliBond into slots..... Helix Pointing Gun CO
For smoothing pointing..... Standard finger trowel

Specification Notes

The following criteria are to be used unless specified otherwise:

- Depth of slot into masonry to be 1/4" to 1/2".
- Height of slot to be equal to full mortar joint height, with a minimum of 1/2".
- For thin mortar joint specifications refer to the HeliX Technical Dept.
- HeliBar to be long enough to extend a minimum of 1 3/8" either side of the crack or 1 3/8" beyond the outer cracks if two or more adjacent cracks are present.
- Normal vertical spacing is 1 1/2" ± (6 brick courses).
- Where a crack is less than 1 3/8" from the end of a wall or an opening the HeliBar is to be continued for at least 4" around the corner and bonded into the adjoining wall or bent back and fixed into the reveal, avoiding DPC.
- Where a crack is less than 1 3/8" from the end of a wall or an opening the HeliBar is to be continued for at least 4" around the corner and bonded into the adjoining wall or bent back and fixed into the reveal, avoiding DPC.
- Where a crack is less than 1 3/8" from the end of a wall or an opening the HeliBar is to be continued for at least 4" around the corner and bonded into the adjoining wall or bent back and fixed into the reveal, avoiding DPC.
- Do not use HeliBond when the air temperature is +39.2°F and falling or when the relative humidity is above 90%. HeliBond should be thoroughly damp or primed prior to injection of the HeliBond grout.

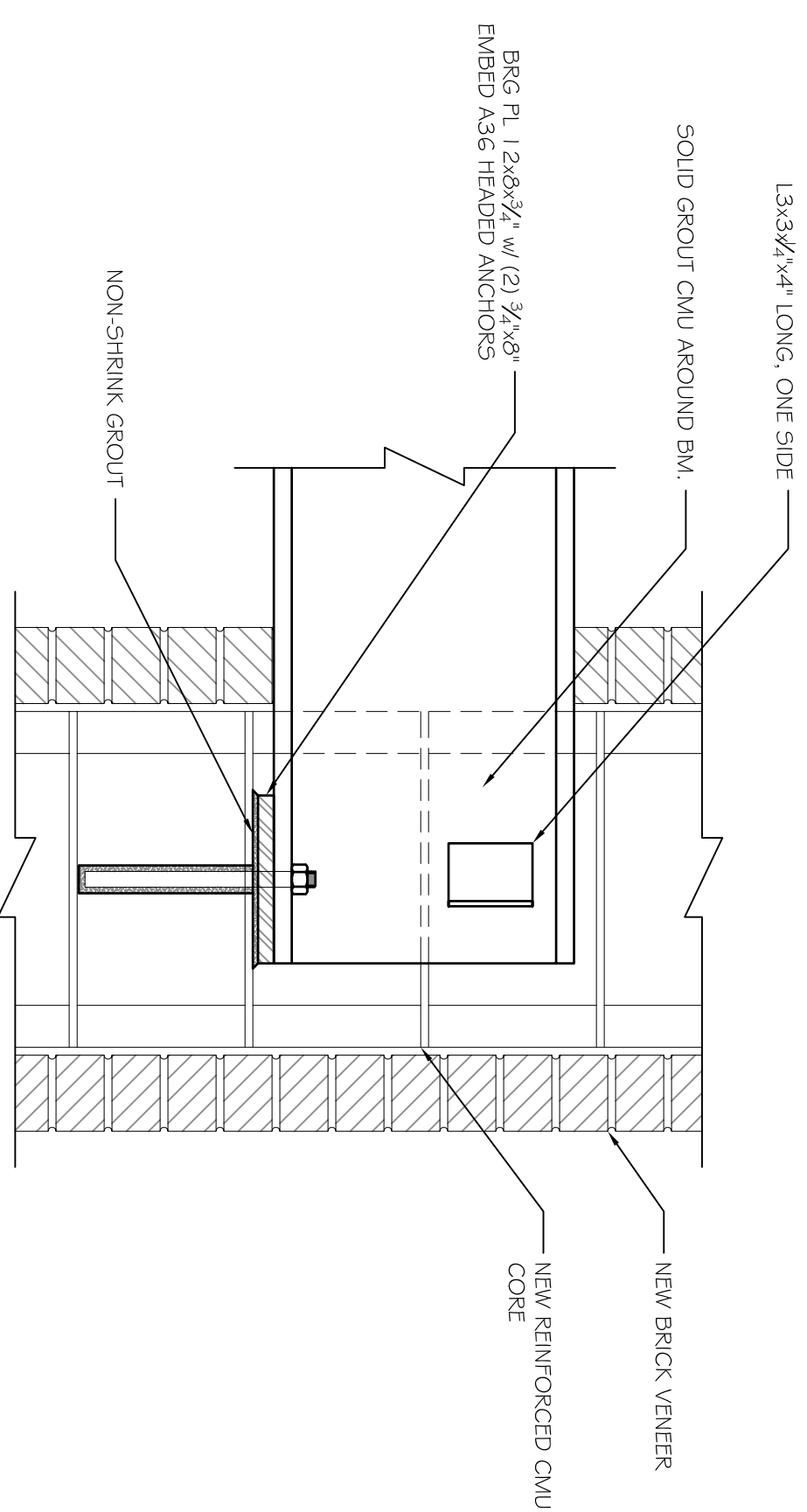
The above specification notes are for the general guidance only and HeliX reserves the right to amend details/notes as necessary.

GENERAL NOTES

- If your application differs from this repair detail or you require specific advice on the use of HeliX products, please contact your local HeliX Technical Department or HeliX Customer Support.
- Our Technical Department can provide you with a full support service including:
- Advice, assistance and recommendations on all structural repair matters
- Designing and preparing complete repair proposals for specific situations
- An insurance-backed warranty via our Approved Installers scheme

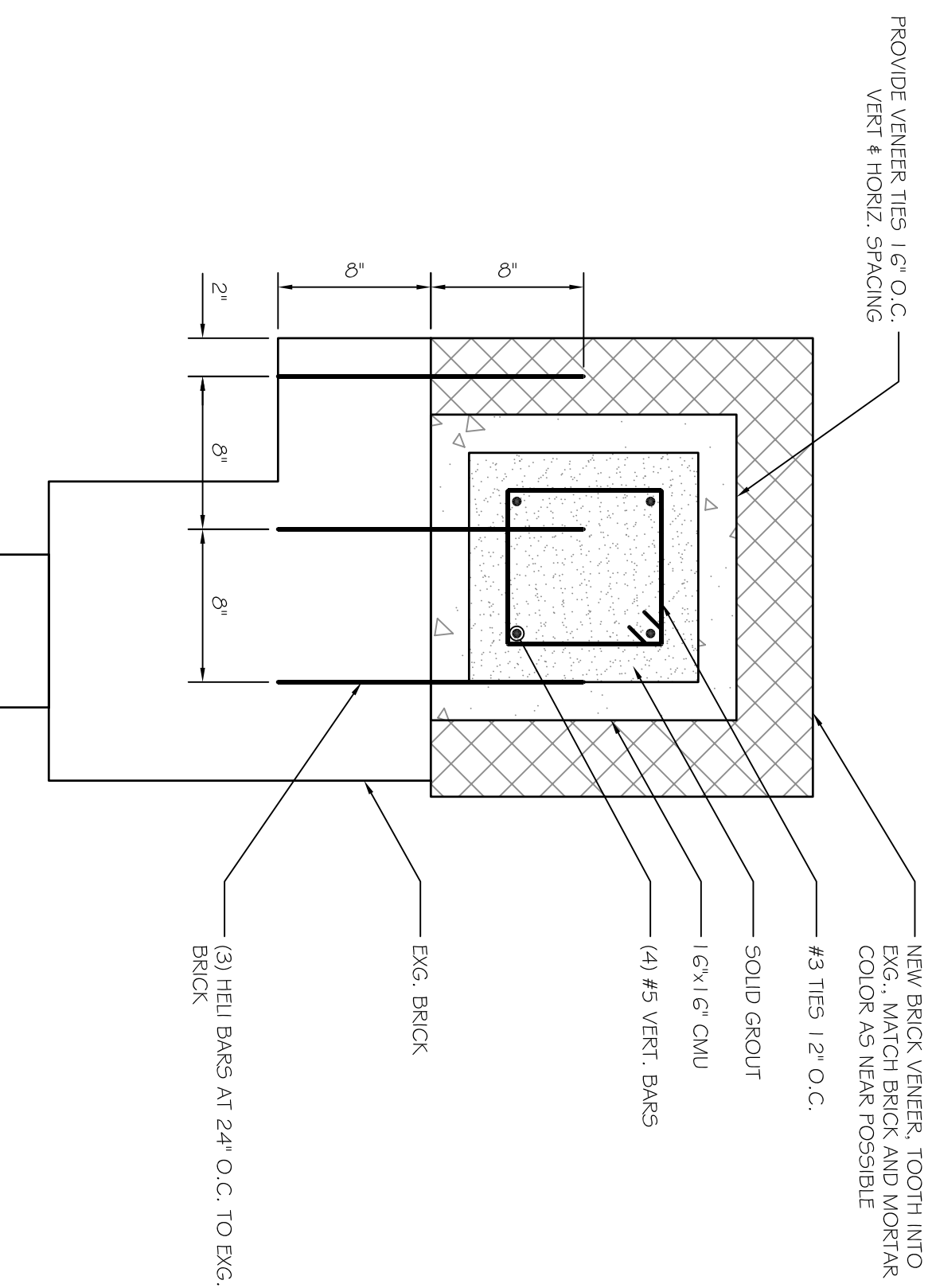
B3 HELI-BAR CRACK REINFORCING

SCALE: 1/2" = 1'-0"



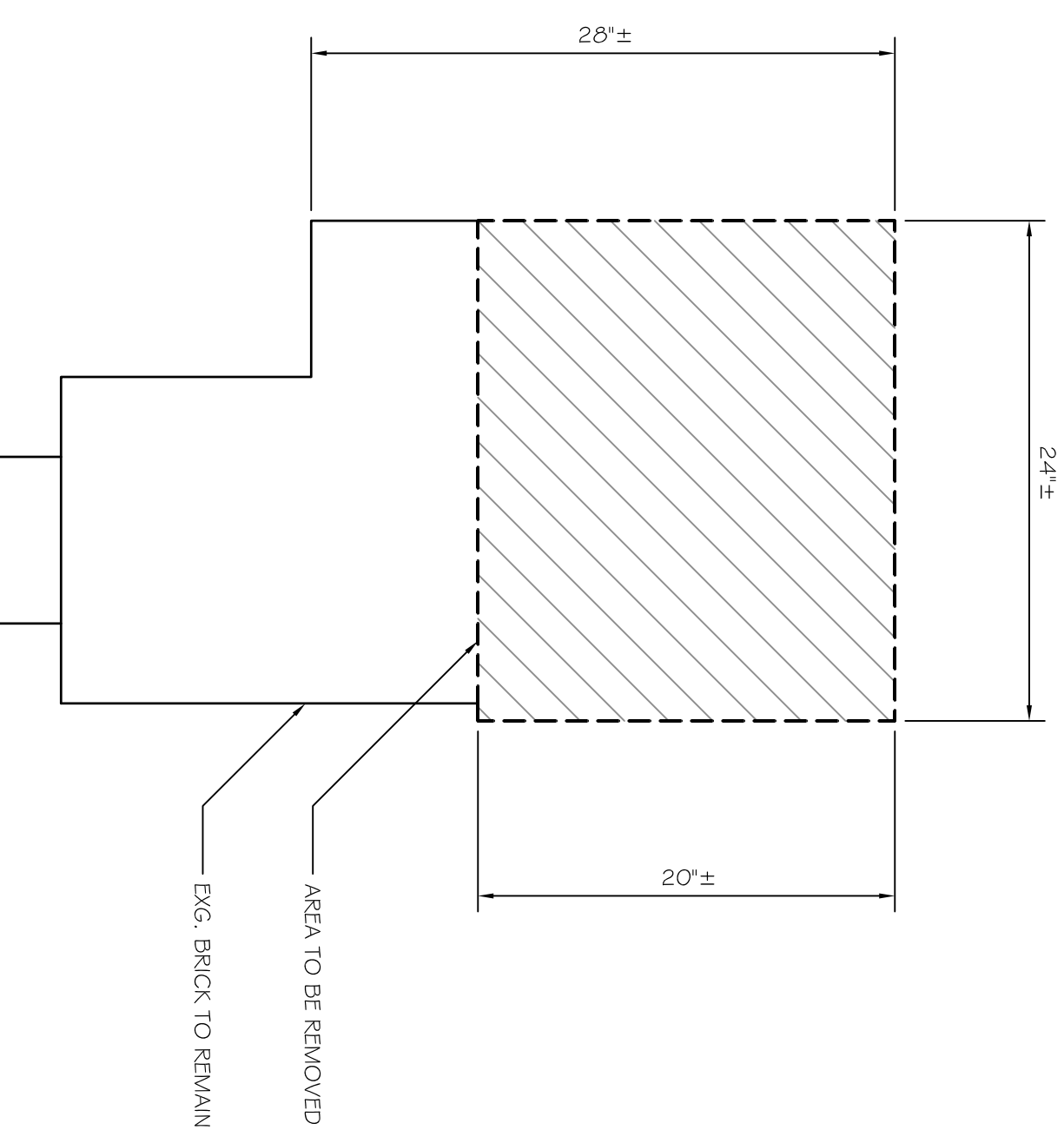
C2 PLASTER 1 REPAIR

SCALE: 1/2" = 1'-0"



C1 PLASTER 1 DEMO PLAN

SCALE: 1/2" = 1'-0"

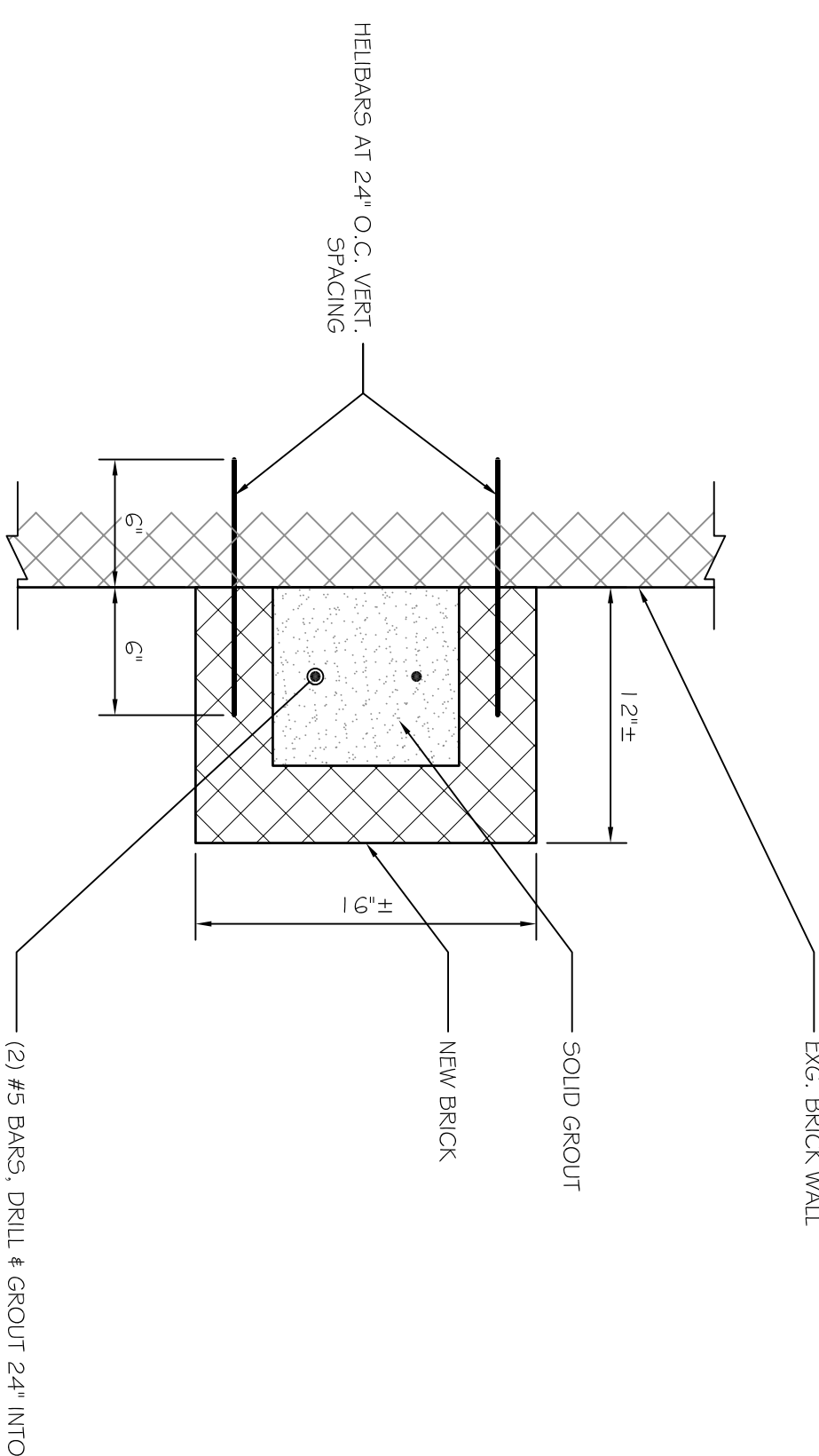


A3 BEAM BEARING DETAIL

SCALE: 1/2" = 1'-0"

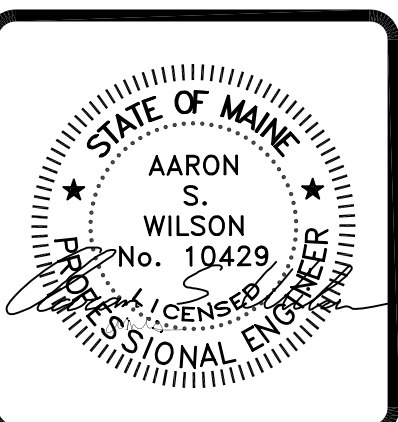
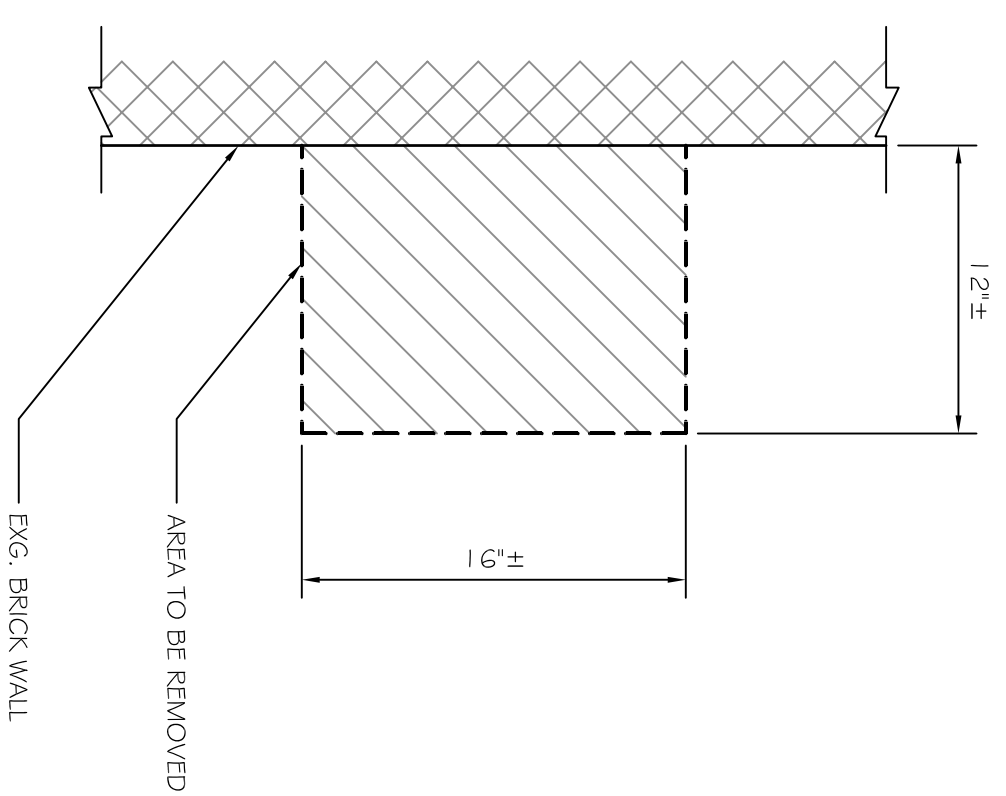
A2 PLASTER 2 REPAIR

SCALE: 1/2" = 1'-0"



A1 PLASTER 2 DEMO PLAN

SCALE: 1/2" = 1'-0"



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PROJECT: **79 BRAMHALL ST. PORTLAND, MAINE**
 FOR:
 SHEET TITLE: **REPAIR DETAILS ISSUED FOR PERMITTING**

REVISIONS		DATE
No.	BY	DESCRIPTION

DATE: 7-21-11
 SCALE: AS NOTED
 DESIGN BY: ASW
 DRAWN BY: BSC
 FILE #11112-S101.DWG
 PROJECT NUMBER:
111112
 SHEET NO.: **S102**