BRICK LEDGE EXTENSION

The NUDURA Wall System is an insulated concrete form utilized in all types of construction. NUDURA Inc. is pleased to introduce the molded Brick Ledge Extension (BLE), which can be used on all wall cores.

The various form units have cores of 4" (102mm), 6"

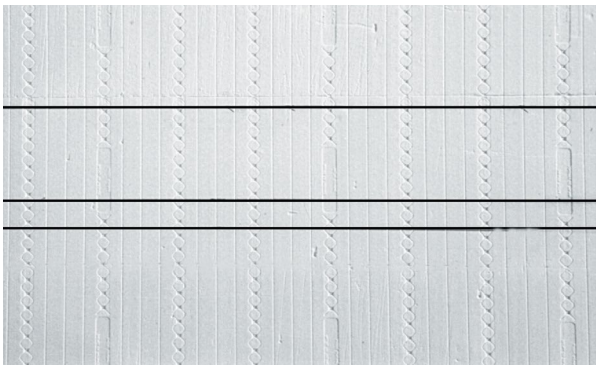
(152 mm), 8" (203 mm), 10" (254 mm) and 12" (305 mm), with an overall thickness of 9 ¼" (235 mm), 11 ¼" (286 mm), 13 ¼" (337 mm), 15 ¼" (387 mm) and 17 ¼" (438 mm) respectively. The BLE can be used at any elevation on the wall on either side. The form is 32" (813 mm) long x 13 ½" (343 mm) deep.

Step of any height increments in the BLE can accommodate any brick or stone size. This feature can prove to be very useful for supporting entry slabs and other applications. It should be noted that different elevations will require different stirrups.

Steps to Follow:

1. Establish the height for the brick ledge extension to be installed. Remember, the BLE can be installed in step increments or on any desired angle (see back).
2. Measure down from the established brick ledge elevation10" (254 mm) and 13" (330 mm).
3. Chalk all three lines. The upper two are the cut lines. Cut vertically on each side of the web to create a pocket 6" (152 mm) wide. Cut out EPS pocket. The lower horizontal cut should be on an angle (45 degrees) to facilitate the concrete placement. Key hole saw, reciprocating saw or hot knife are best for this task.

STEP 1



STEP 2

STEP 3

BRICK LEDGE EXTENSION

4 Place BLE molded form along the chalkline. Attach using two No. 10 x 6" (152 mm) screws with polypropylene washer. Two screws should be installed every 8" (203 mm) c/c.

REBAR PLACEMENT When placing rebar it is recommended to use the lower position on the opposite side of the BLE. A contact splice should be used to maintain the bar alignment. This practice will keep the stirrup length uniform. The #3 or #4 bar (10M bar) in the BLE is a support bar for the stirrup, it is not required to overlap this bar. End to end splices are acceptable. (See 5. and 6.)

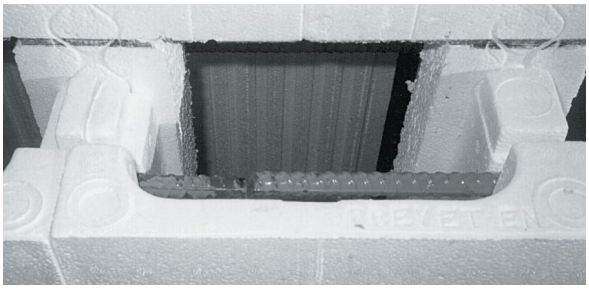
5 CONCRETE PLACEMENT An ICF concrete mix with a slump of 5" (127 mm) to 6" (152 mm) is recommended, as per section 6.10 of this manual. Concrete should be placed in lifts of 3' (0.9 m) to 4' (1.22 m) to approximately 1' (305mm) over the BLE elevation.

6 CONSOLIDATION Internal or external vibration can be used to consolidate the concrete. A 1" (25 mm) vibrator inserted in the brick ledge extension will be most effective without increasing form pressure in the pocket. A NUDURA External Air-Driven vibrator with accessory attached can also be used to achieve proper consolidation.

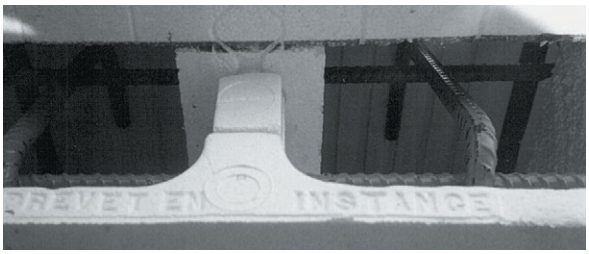
ORDERS AND PACKAGING

There are 14 brick ledge extensions (BRICK) in a package. The 6" (152 mm) screws (SC-6.0) come in pails of 500 pieces per pail and the polypropylene washers (SC-PW) come in pails of 250 pieces per pail.

STEP 4



STEP5



STEP6

ADDITIONAL APPLICATIONS