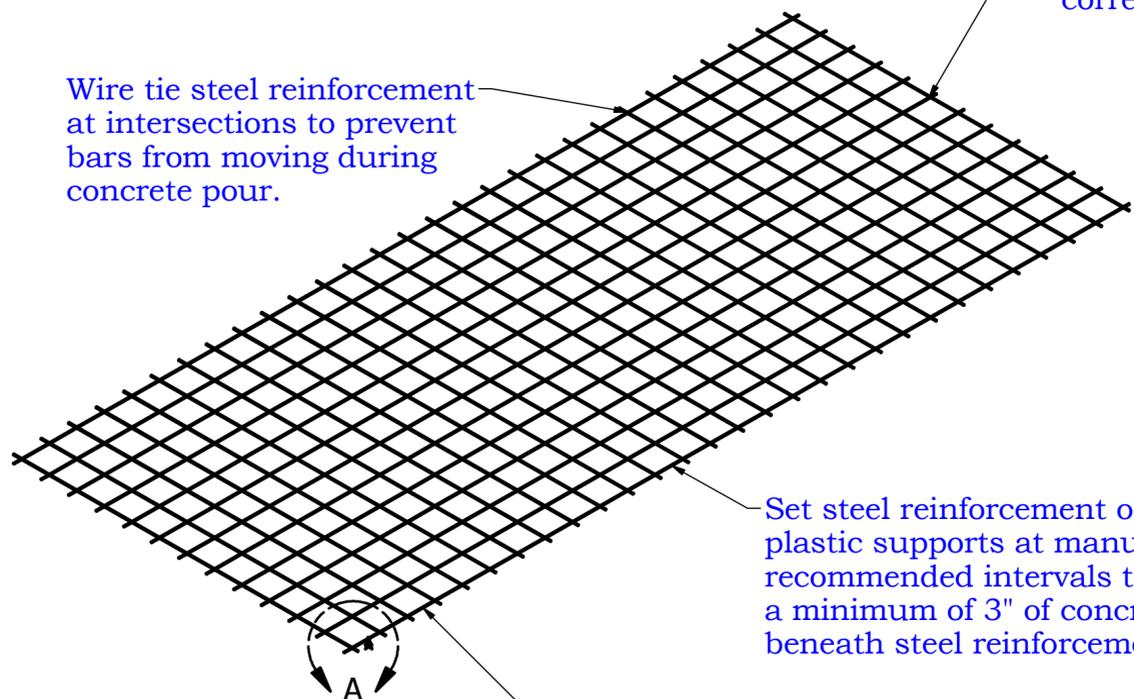


STEP 1

STEP 2

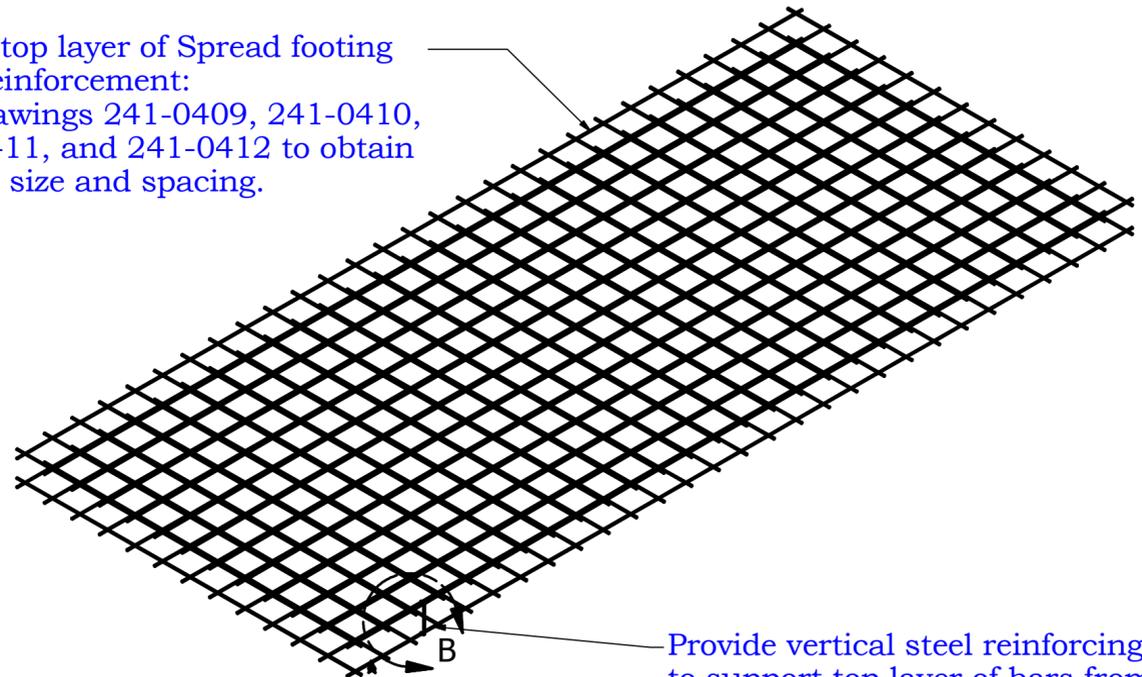


Spread footing steel reinforcement:
See drawings 241-0409, 241-0410,
241-0411, and 241-0412 to obtain
correct size and spacing.

Install top layer of Spread footing
steel reinforcement:
See drawings 241-0409, 241-0410,
241-0411, and 241-0412 to obtain
correct size and spacing.

Set steel reinforcement on
plastic supports at manufacturer
recommended intervals to keep
a minimum of 3" of concrete cover
beneath steel reinforcement.

A minimum of 3" of concrete cover
is required around the perimeter of
the steel reinforcements.

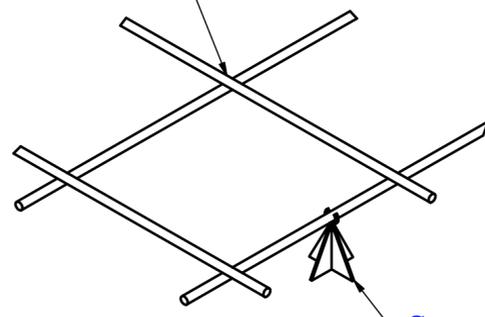


Provide vertical steel reinforcing
to support top layer of bars from
the bottom layer

Wire tie steel reinforcement
at intersections

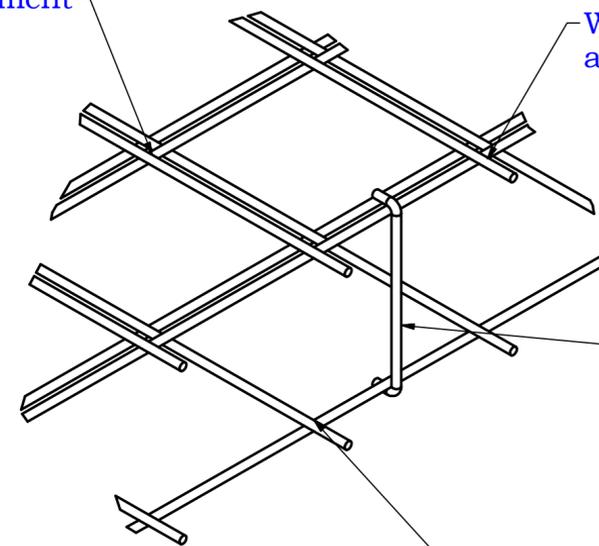
Wire tie steel reinforcement
at intersections

Wire tie steel reinforcement
at intersections



DETAIL A

Set steel reinforcement on
plastic supports at manufacturer
recommended intervals to keep
a minimum of 3" of concrete cover
beneath steel reinforcement.



DETAIL B

Provide vertical steel reinforcing
to support top layer of bars from
the bottom layer

Wire tie steel reinforcement
at intersections

NOTE:

Total footage of steel reinforcement
that is required for the footing is equal
to $4 \times \text{Footing Length} \times \text{Footing Width}$
See drawings 241-0409, 241-0410,
241-0411, and 241-0412 to determine
footing dimensions.

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4

3

2

1

D

D

C

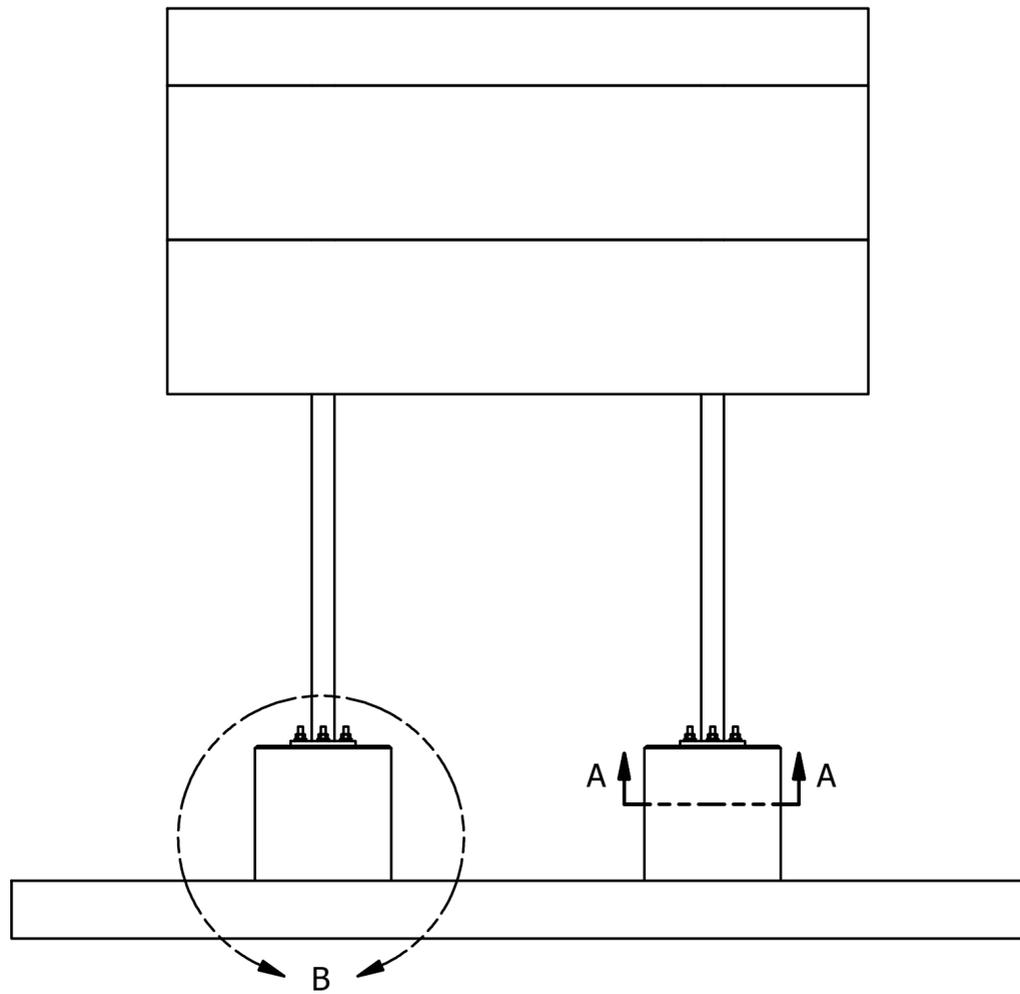
C

B

B

A

A



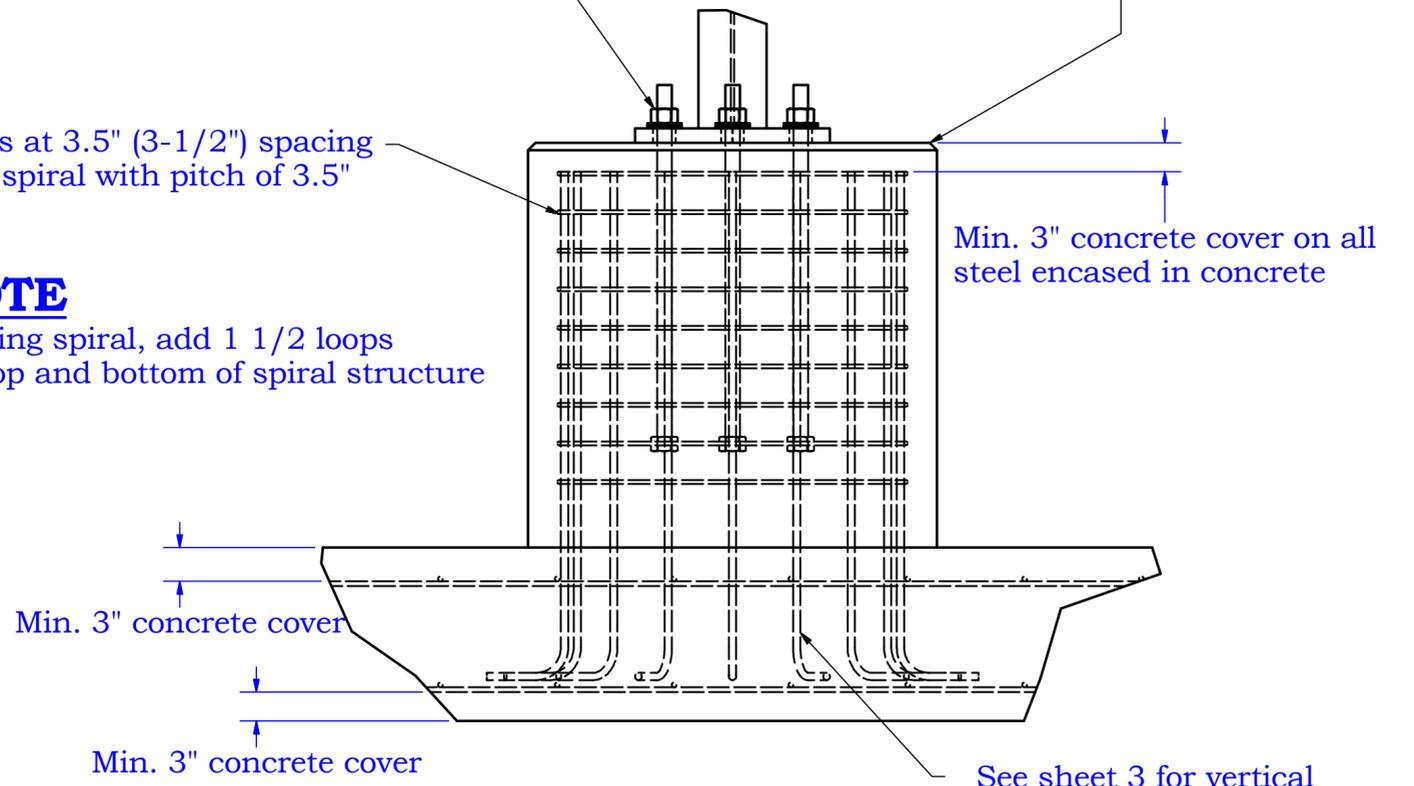
See DWG-0818 for Base Plate size, Anchor Bolt size, and layout info

3/4" chamfer on all exposed corners, concrete must slope away from steel columns

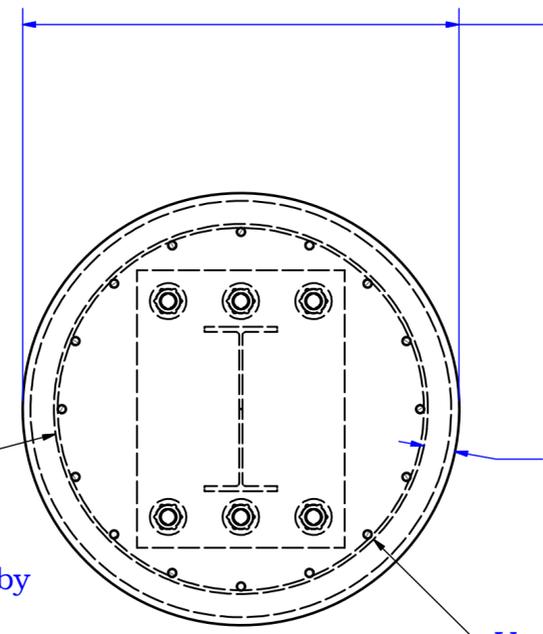
#5 ties at 3.5" (3-1/2") spacing or #5 spiral with pitch of 3.5"

NOTE

If using spiral, add 1 1/2 loops on top and bottom of spiral structure



Pier Diameter (see drawings 241-0409, 241-0410, 241-0411, or 241-0412 for size)



Overlap ends of ties by a minimum of 12"

SECTION A

DETAIL B

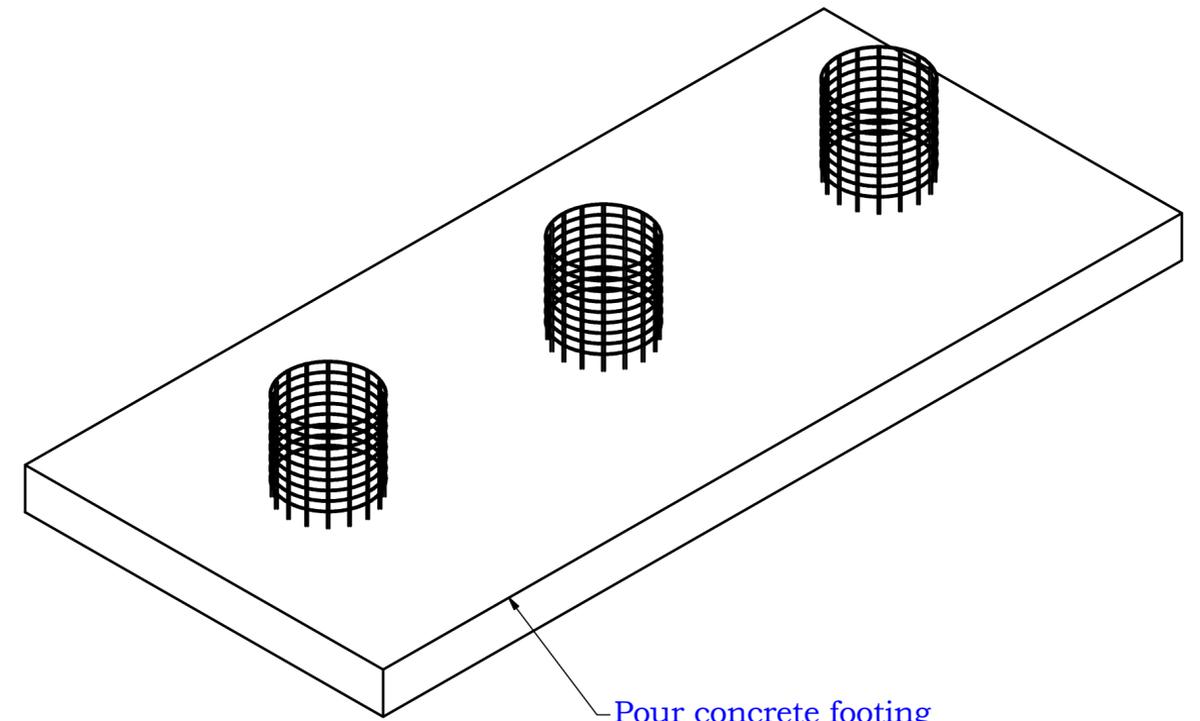
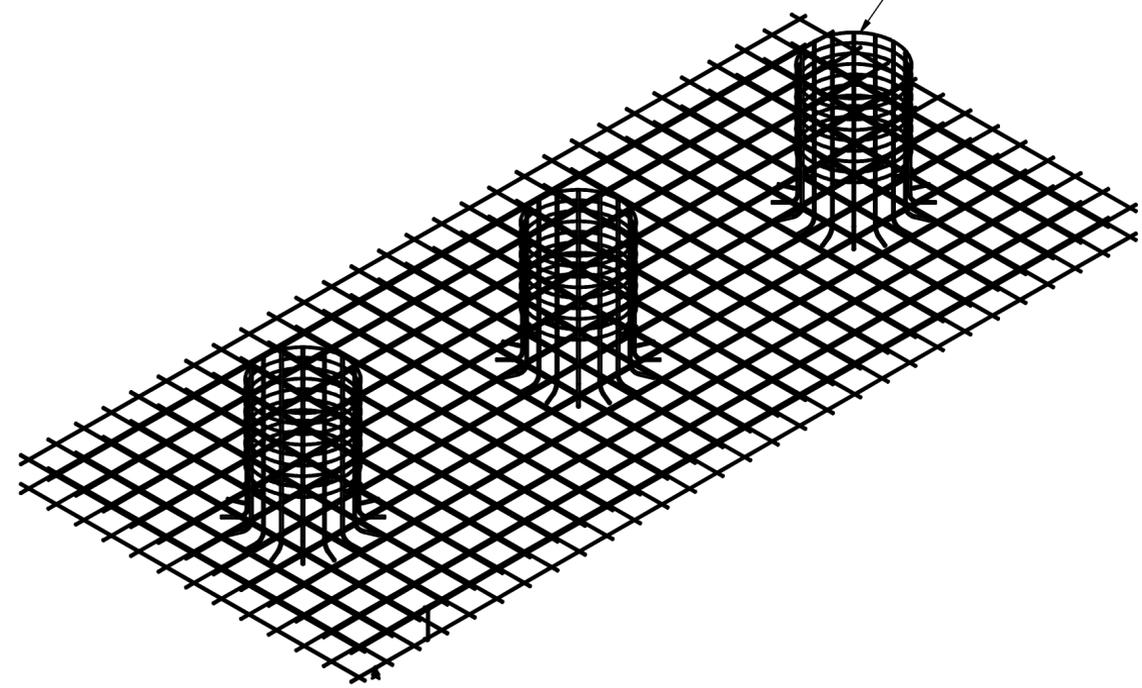
See sheet 3 for vertical steel reinforcement details

Spread Footing and Pier Installation			
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Drawn CJS		Drawing No. DWG-0819	
Date 1/9/2017		Sheet 2 of 4	

STEP 3

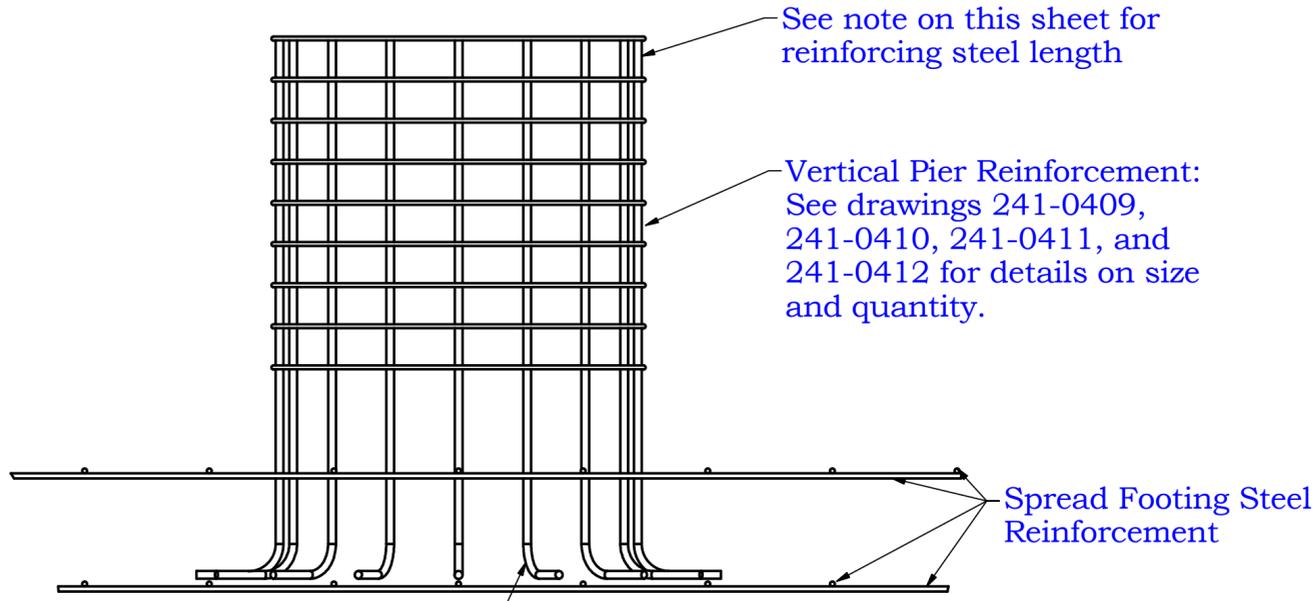
STEP 4

Install steel reinforcement for pedestals, see drawings 241-0409, 241-0410, 241-0411 and 241-0412 for sizes and quantities.



NOTE: Vertical reinforcing steel length of (53" + hook length) is calculated assuming a 1'-6" deep footing and a 2'-6" frost line depth. If installation dimensions exceed values shown, extend reinforcement lengths accordingly.

NOTE: Concrete shall have a minimum compressive strength of 4,000 psi.

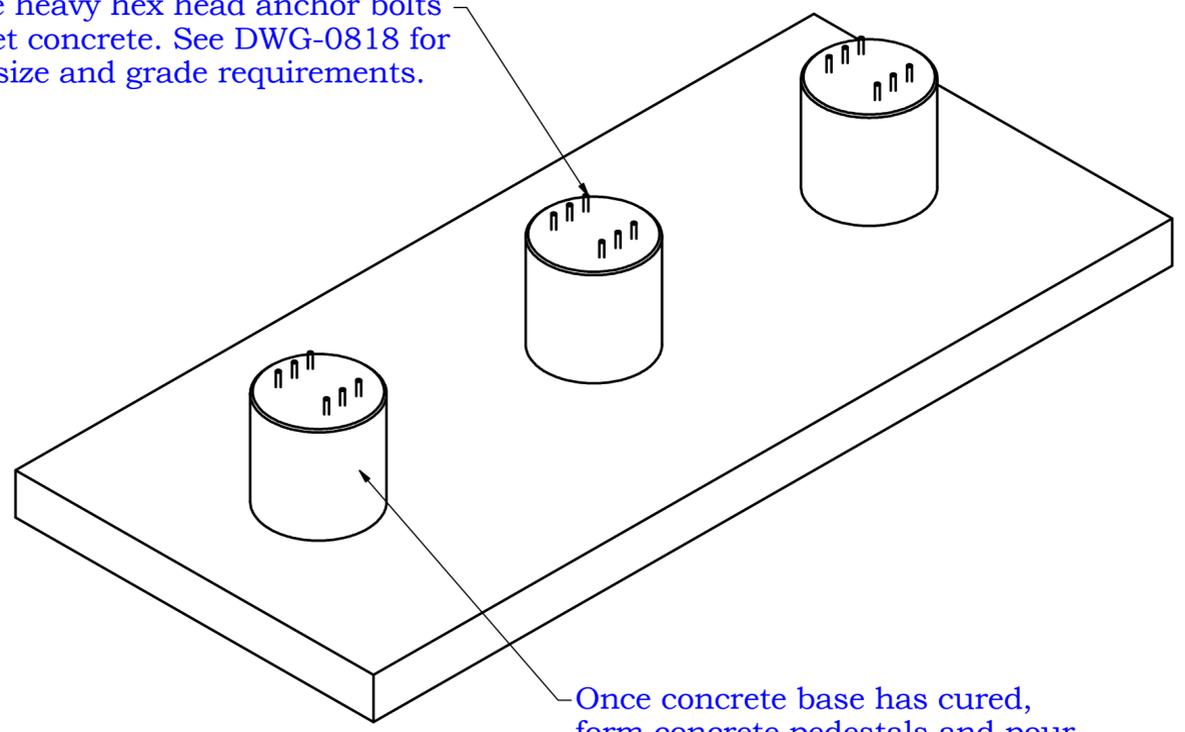


Dowel all vertical pier reinforcements with a hook on the bottom, see drawings 241-0409, 241-0410, 241-0411, and 241-0412 for hook length.

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		Sheet 3 of 4	

STEP 5

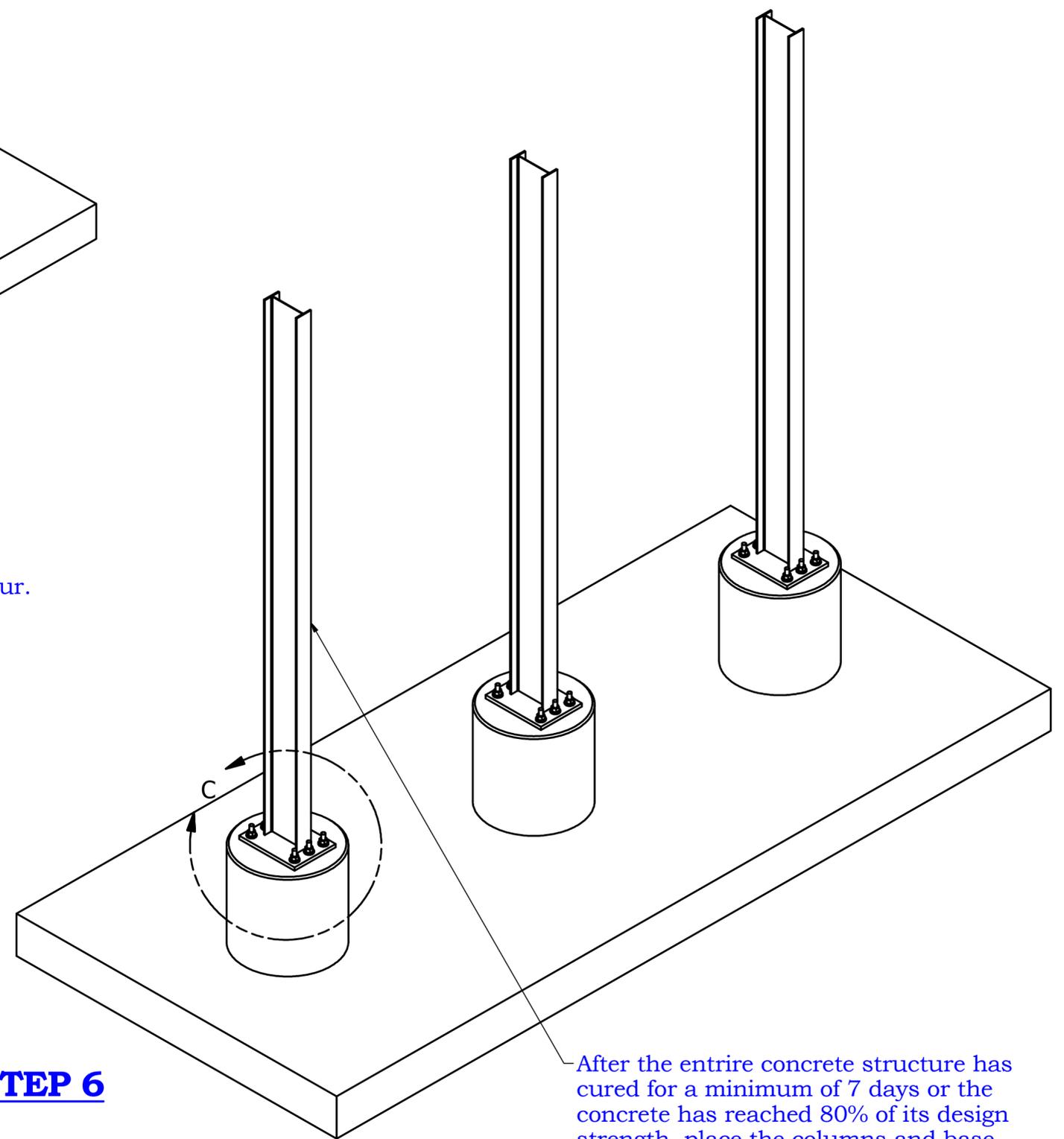
Place heavy hex head anchor bolts in wet concrete. See DWG-0818 for bolt size and grade requirements.



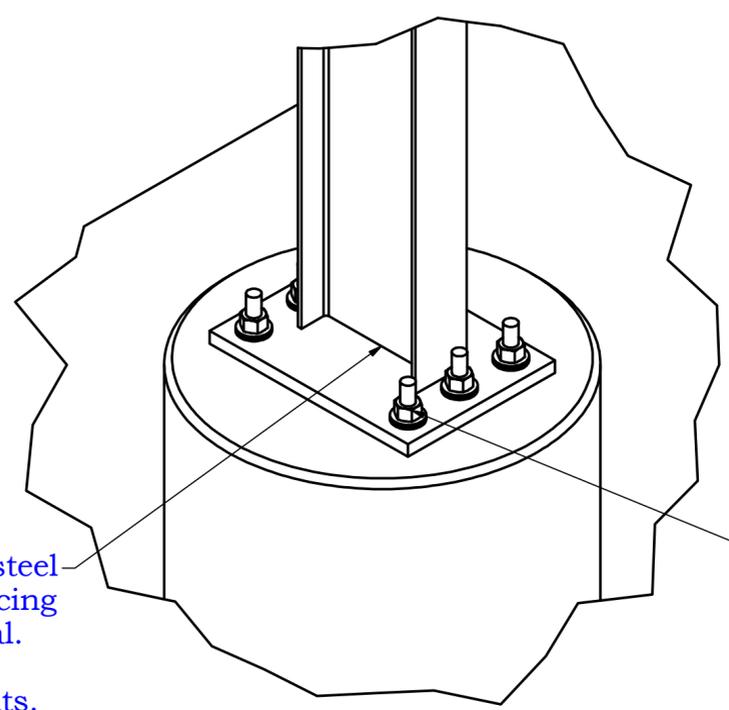
Once concrete base has cured, form concrete pedestals and pour.

STEP 6

After the entire concrete structure has cured for a minimum of 7 days or the concrete has reached 80% of its design strength, place the columns and base plates onto the pedestals.



Weld base plate to steel column prior to placing on concrete pedestal. See DWG-0818 for welding requirements.



Detail C

Install washers and nut to secure base plate and column in place.

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		Drawing No. DWG-0819	
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		Sheet	4 of 4