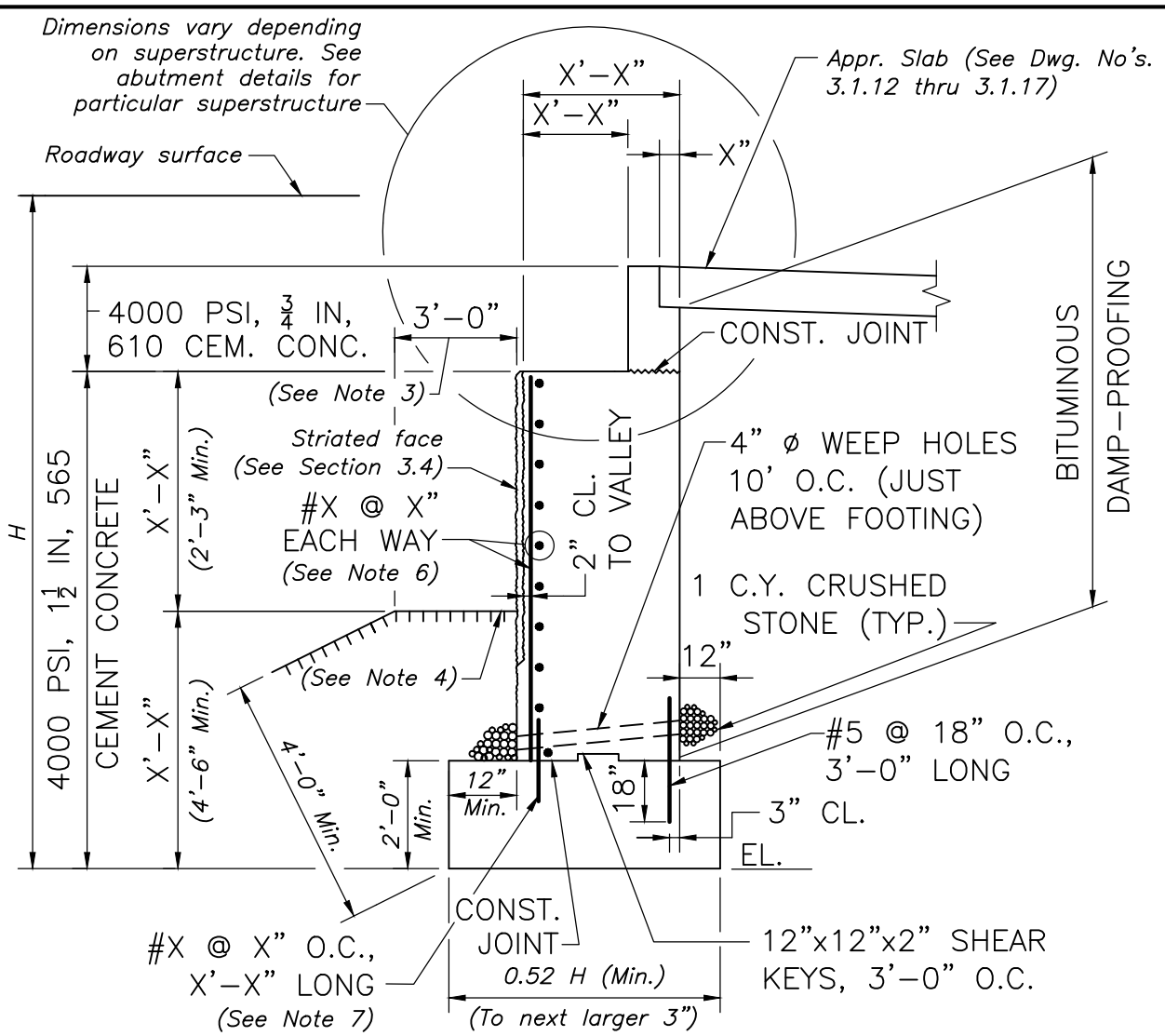

TYPICAL ABUTMENT SECTION

SCALE: ¼" = 1'–0"

NOTES:

1. *Provide applicable pile/spread footing capacity notes from Dwg. No. 3.1.6.*
2. *If piles are required see relevant portions of Section 3.6.*
3. *All dimensions are for square sections.*
4. *Show appropriate slope treatment.*
5. *See Dwg. No. 3.1.6 for Construction Notes.*
6. *Provide required Temperature and Shrinkage Reinforcement as follows:*

Abutment/Wall Thickness, t, (in.)	Bar Size	Spacing (in.)
t≤18"	#4	12"
18"<t≤24"	#5	12"
24"<t≤42"	#6	12"
42"<t≤48"	#7	12"

7. *Match size and spacing of vertical bars in stem. Provide length of these reinforcing bars as follows:*
   - *for #4 and #5 bars – 2'–0"*
   - *for #6 bars – 2'–6"*
   - *for #7 bars – 2'–10"*

   One–half of the specified bar length shall be embedded into the footing.

massDOT Massachusetts Department of Transportation Highway Division

LRFD BRIDGE MANUAL, PART II

TYPICAL STUB ABUTMENT SECTION

ABUTMENT DETAILS

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