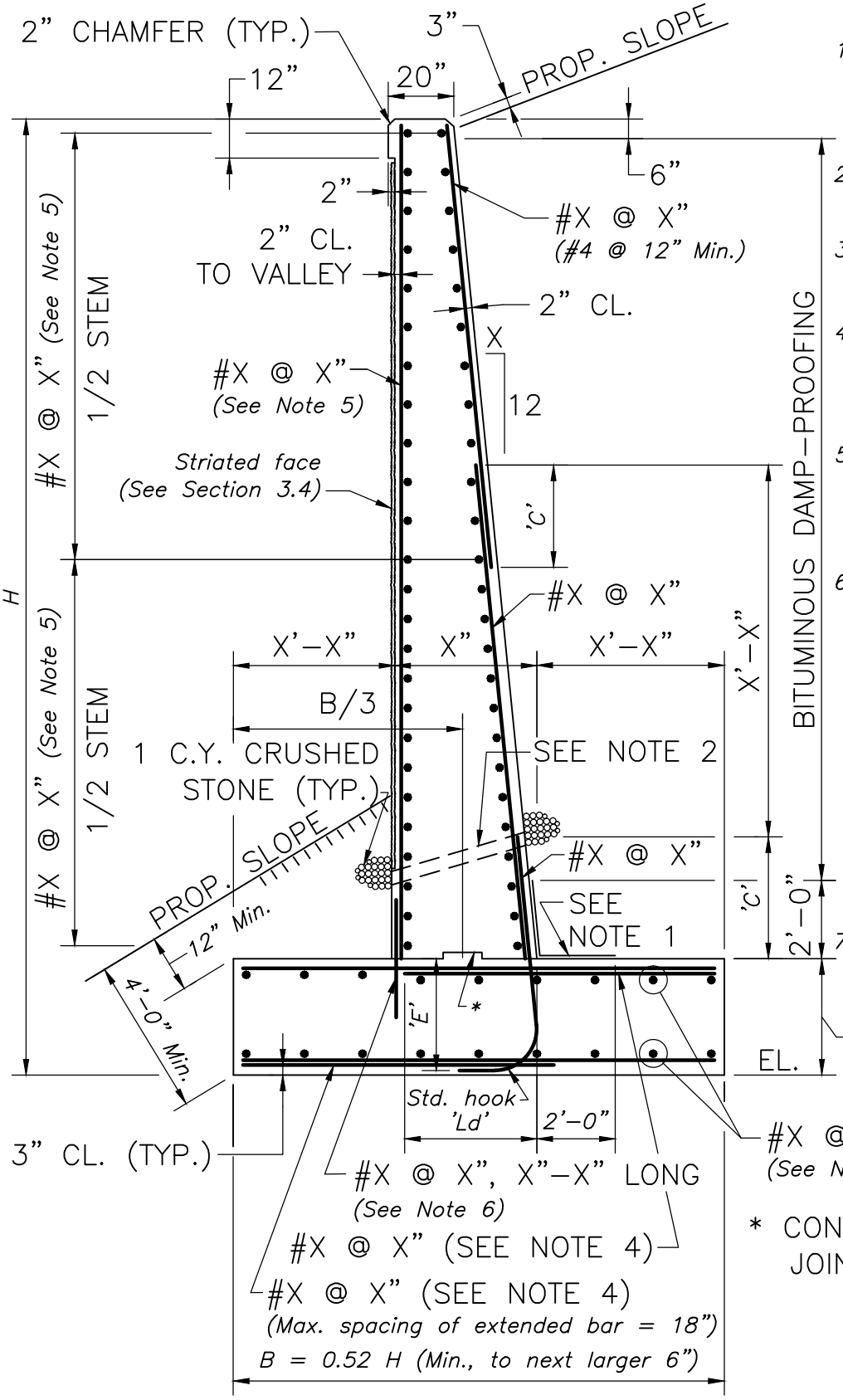

NOTES:

1. See Dwg. No. 3.2.3 for notes to be included with this section on the Construction Drawings.
2. For H less than 13'-6", use gravity retaining wall.
3. Provide adequate lap lengths 'C' and hook embedments 'E'.
4. Provide adequate 'Ld' for toe and heel steel rebars and extend at least every third rebar full length as shown.
5. Provide required Temperature and Shrinkage Reinforcement as per Dwg. No. 3.1.3.
6. Match size and spacing of vertical bars in stem. Provide length of reinforcing bars as follows:
   - #4 and #5 bars - 2'-0"
   - #6 bars - 2'-6"
   - #7 bars - 2'-10"

   One-half of the specified bar length shall be embedded into the footing.
7. See Dwg. No. 3.2.3 for continuation of these Designer Notes.

* CONSTRUCTION JOINT WITH X"x2" KEY

TYPICAL SECTION

SCALE: $\frac{1}{4}$" = 1'-0"

FOR RETAINING WALLS OR SPLAYED WINGWALLS

massDOT Highway Division LRFD BRIDGE MANUAL, PART II	TYPICAL CANTILEVER RETAINING WALL SECTION WINGWALL DETAILS	DATE OF ISSUE JUNE 2013 DRAWING NUMBER **3.2.2**