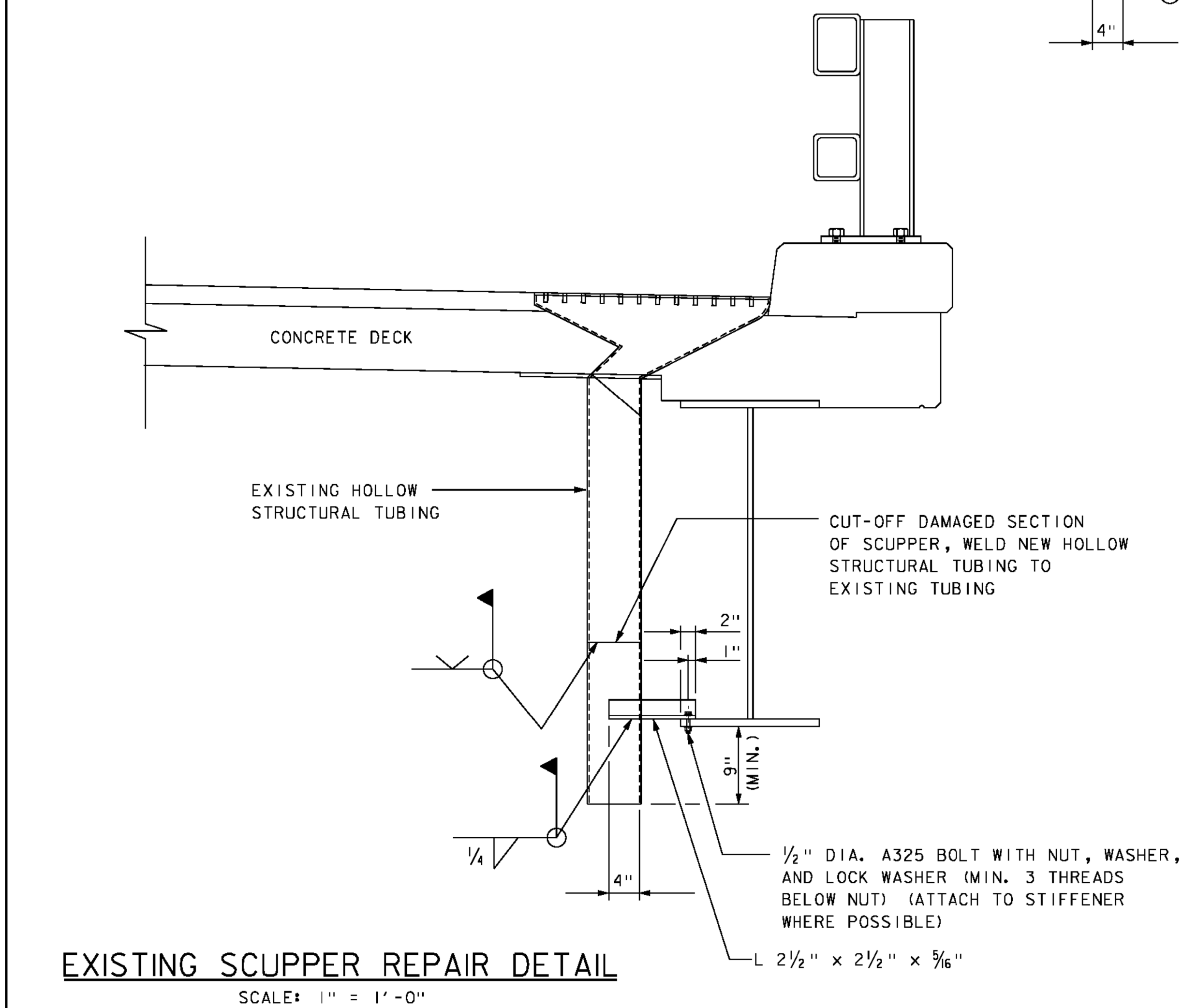
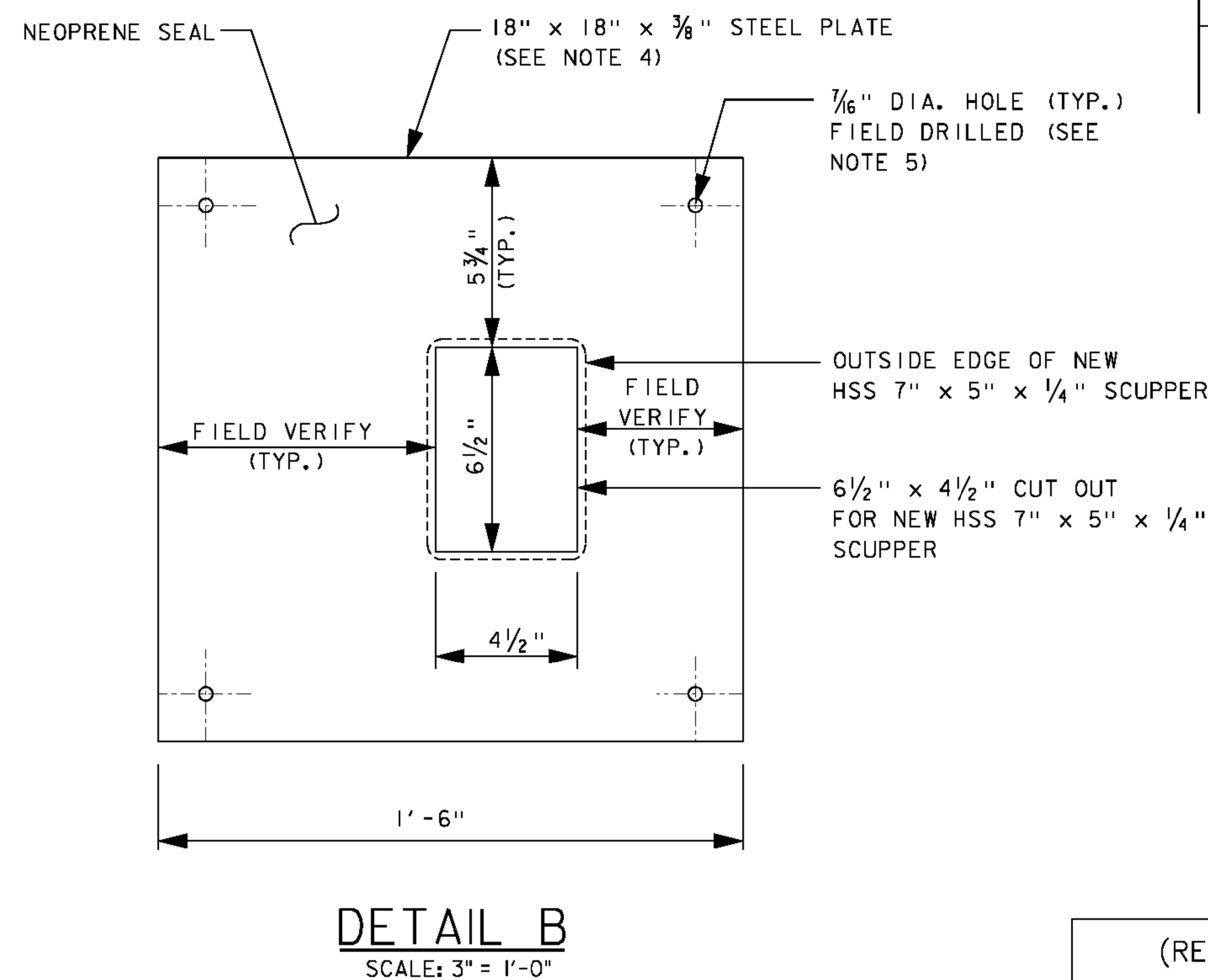


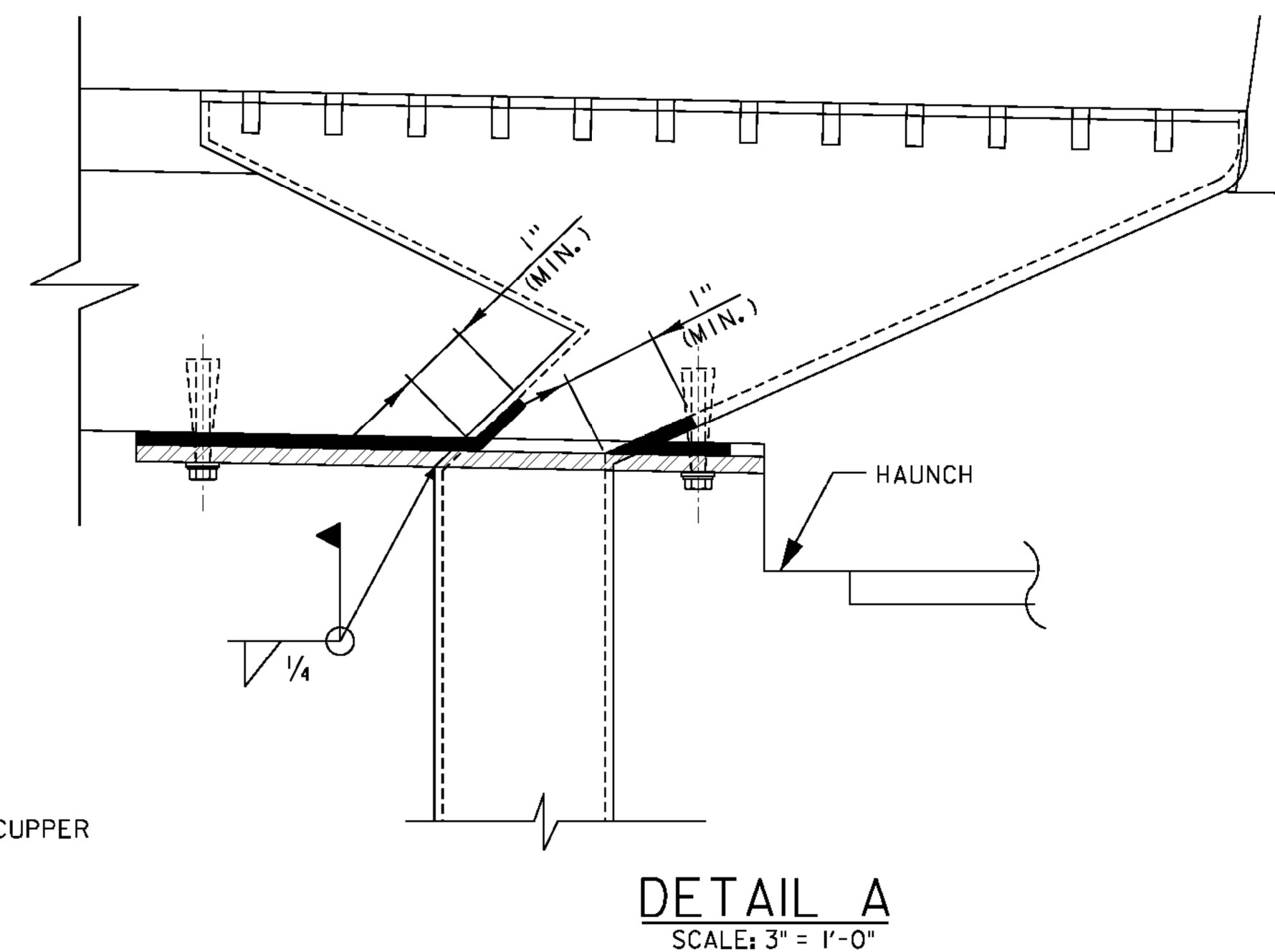
SCUPPER REPLACEMENT DETAIL
SCALE: 1" = 1'-0"



EXISTING SCUPPER REPAIR DETAIL
SCALE: 1" = 1'-0"



DETAIL B
SCALE: 3" = 1'-0"




DETAIL A
SCALE: 3" = 1'-0"

NOTES:

1. ALL THE DETERIORATED SCUPPERS WITH SIGNIFICANT LOSS OF SECTION SHALL BE CUT OFF ABOVE THE DETERIORATION AREA. IF THE DETERIORATION EXTENDS TO THE UNDERSIDE OF THE DECK, THE SCUPPER SHALL BE CUT OFF AND REPLACED. THE ENGINEER SHALL APPROVE THE EXTENT OF THE REPAIR FOR EACH DETERIORATED SCUPPER IDENTIFIED BY THE CONTRACTOR PRIOR TO BEING REPAIRED OR REPLACED.
2. ADHESIVE SIDE OF NEOPRENE SHALL BE PLACED ON THE UNDERSIDE OF CONCRETE DECK AND INTERIOR OF EXISTING SCUPPER AROUND PERIMETER OF DRAIN. NEOPRENE SHALL COVER ENTIRE SURFACE OF THE STEEL PLATE AND SHALL EXTEND CONTINUOUSLY FOR A MINIMUM OF 1" UP INTO THE INTERIOR OF THE EXISTING SCUPPER DRAIN.
3. ALL EXISTING DIMENSIONS AND SCUPPER SIZES SHALL BE FIELD VERIFIED.
4. PLATE SHALL BE CUT IN THE FIELD TO ACCOMMODATE HAUNCH.
5. BOLT HOLES SHALL BE FIELD DRILLED AND SHALL HAVE A MINIMUM EDGE DISTANCE OF 1 1/2" EXCEPT WHERE NOTED OTHERWISE.
6. ALL NEW STEEL SHALL BE ZINC PRIMED AND COATED WITH THE SAME NEPCOAT SYSTEM AND COLOR AS THE MAIN MEMBERS. COATING IS ONLY REQUIRED ON THE EXTERNAL SURFACE OF THE SCUPPER DOWNSPOUT.
7. ALL WELDING SHALL CONFORM WITH THE PROVISIONS OF SUBSECTION 506.10.
8. HOLLOW STRUCTURAL STEEL TUBING SHALL CONFORM TO ASTM A-500 GRADE C.
9. STEEL PLATES AND ANGLES SHALL CONFORM TO AASHTO M270, GRADE 50 (ASTM A709, GRADE 50).
10. HIGH STRENGTH BOLTS, NUTS AND CIRCULAR WASHERS SHALL CONFORM TO SUBSECTION 714.05.
11. ALL WORK TO BE PAID UNDER ITEM 506.75, STRUCTURAL STEEL.
12. THESE DETAILS ARE ILLUSTRATED AS AN EXAMPLE. CONTRACTOR TO SUBMIT FABRICATION DRAWINGS FOR APPROVAL.
13. NEOPRENE RUBBER GASKET SHALL BE CLOSED CELL, DUROMETER HARDNESS SHORE A OF 40 TO 60, TYPE EA-WATER RESISTANT, AND EF-FUEL RESISTANT.

BRIDGES 11 & 56C
PROJECT STANDARD
DETAILS (2)

 PARSONS BRINCKERHOFF 650 ELM STREET MANCHESTER, NH 03101	(RE-ADVERTISED)	PROJECT NAME: BENNINGTON - MT TABOR	PLOT DATE: 16-MARCH-2015
		PROJECT NUMBER: BF BPNT (16)	DRAWN BY: R.GAUDREAU
		FILE NAME: z5254510det_3.dgn	CHECKED BY: S.BROWN
		PROJECT LEADER: G.K.DONINGTON	SHEET 4 OF 23
		DESIGNED BY: R.GAUDREAU	
		det+3.dgn	