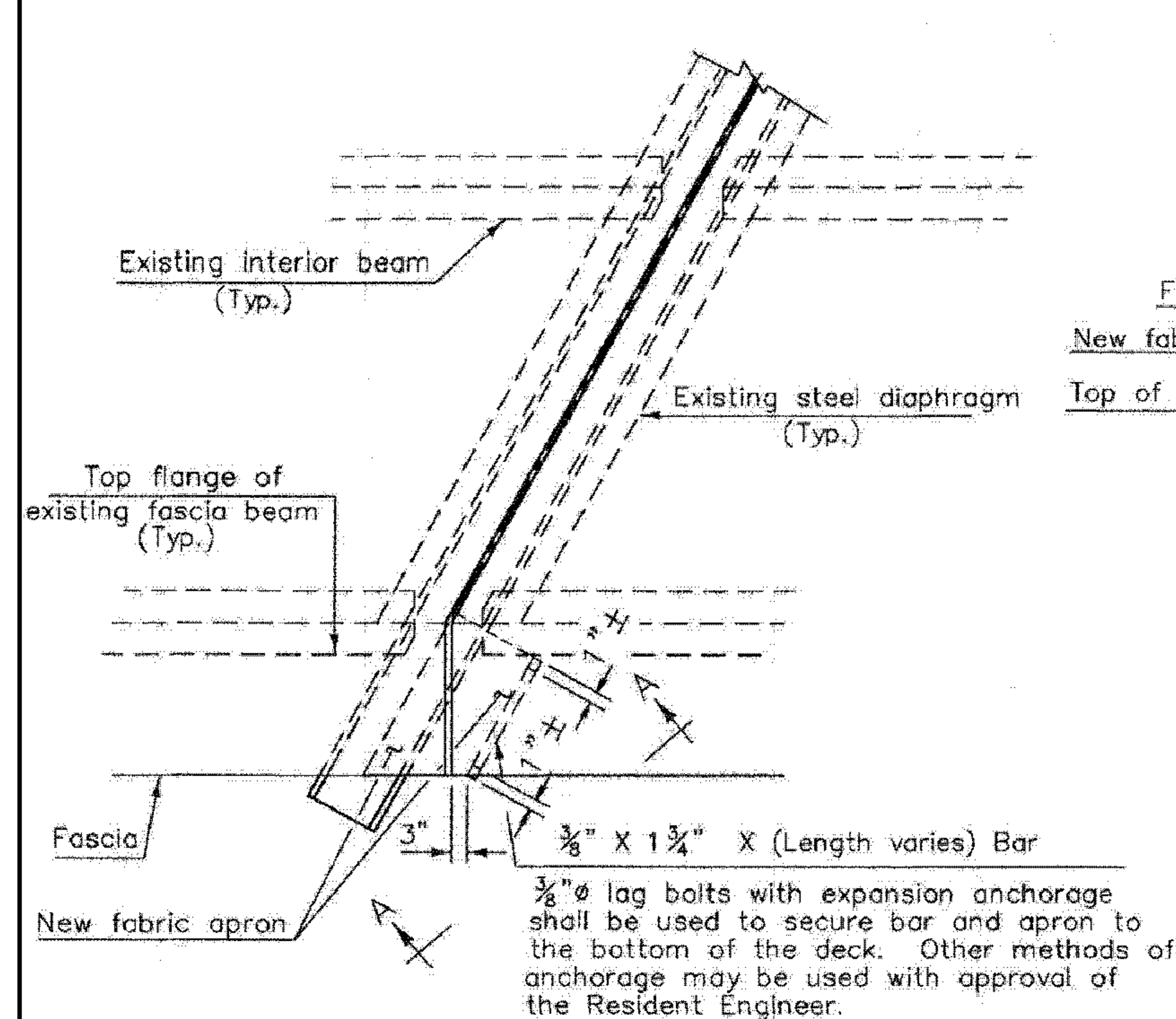
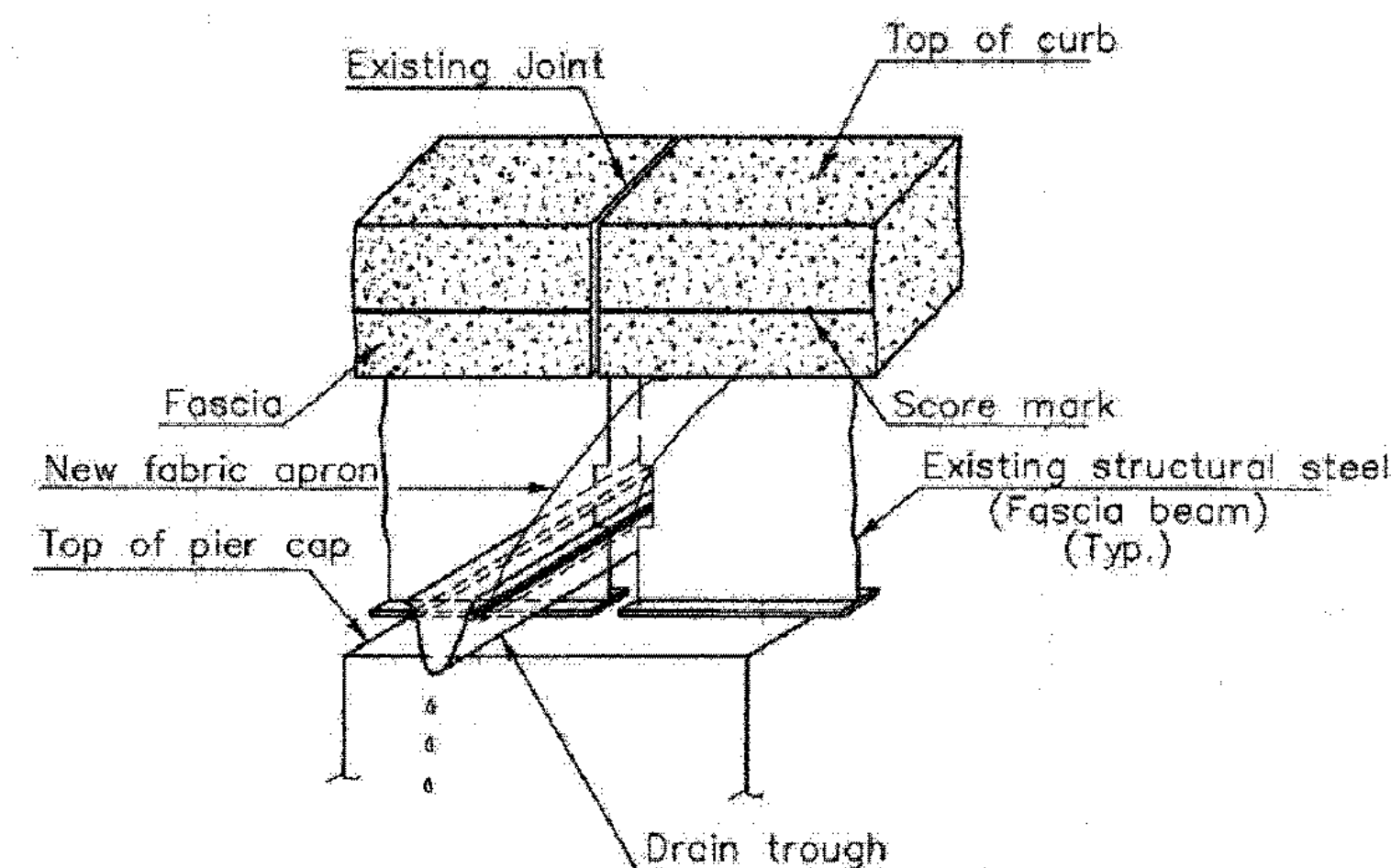




TYPICAL PARTIAL PLAN VIEW AT PIER

N.T.S.



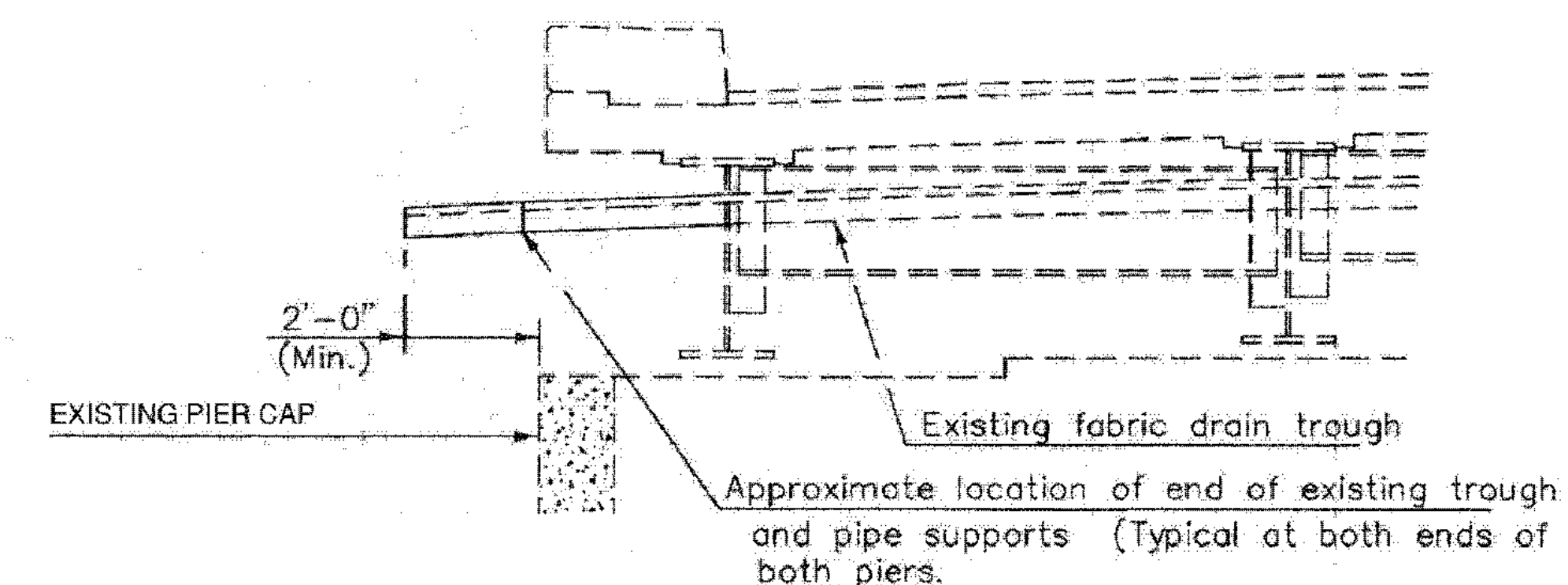
VIEW A-A

N.T.S.

THE COST OF THE 3/8 INCH BAR, ADHESIVE, AND ANCHORAGE BOLTS SHALL BE INCIDENTAL TO THE ITEM 900.640 SPECIAL PROVISION (REMOVE AND REPLACE DRAIN TROUGH).

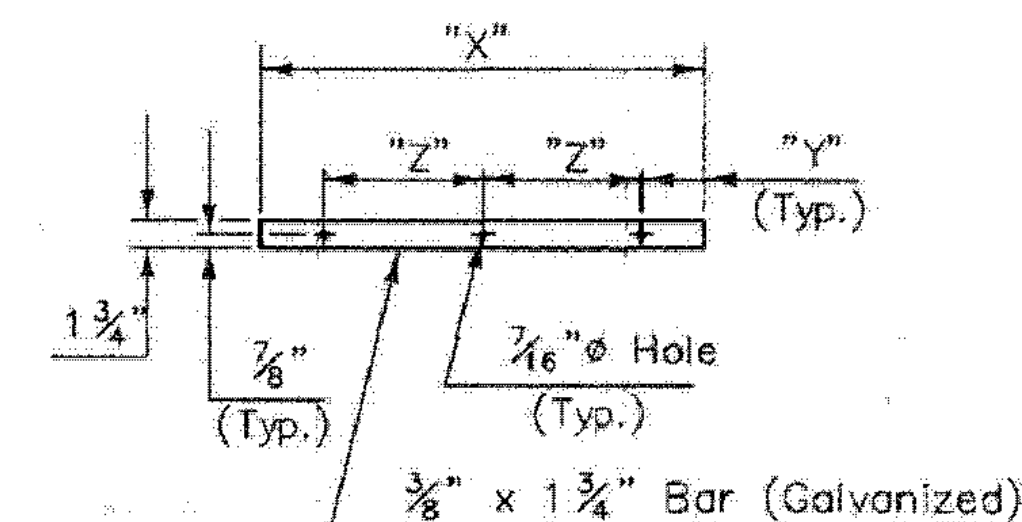
	X	*Y*	*Z*	NO. OF HOLES REQ'D	NO. OF BARS REQ'D
PIER 1	2'-6"	3'	8'	4	2
PIER 2	2'-6"	3'	8'	4	2

The Contractor shall field verify that the "X" dimension is correct prior to fabricating the bars



DETAILS FOR EXTENDING DRAIN TROUGH AND SUPPORT PIPES

N.T.S.

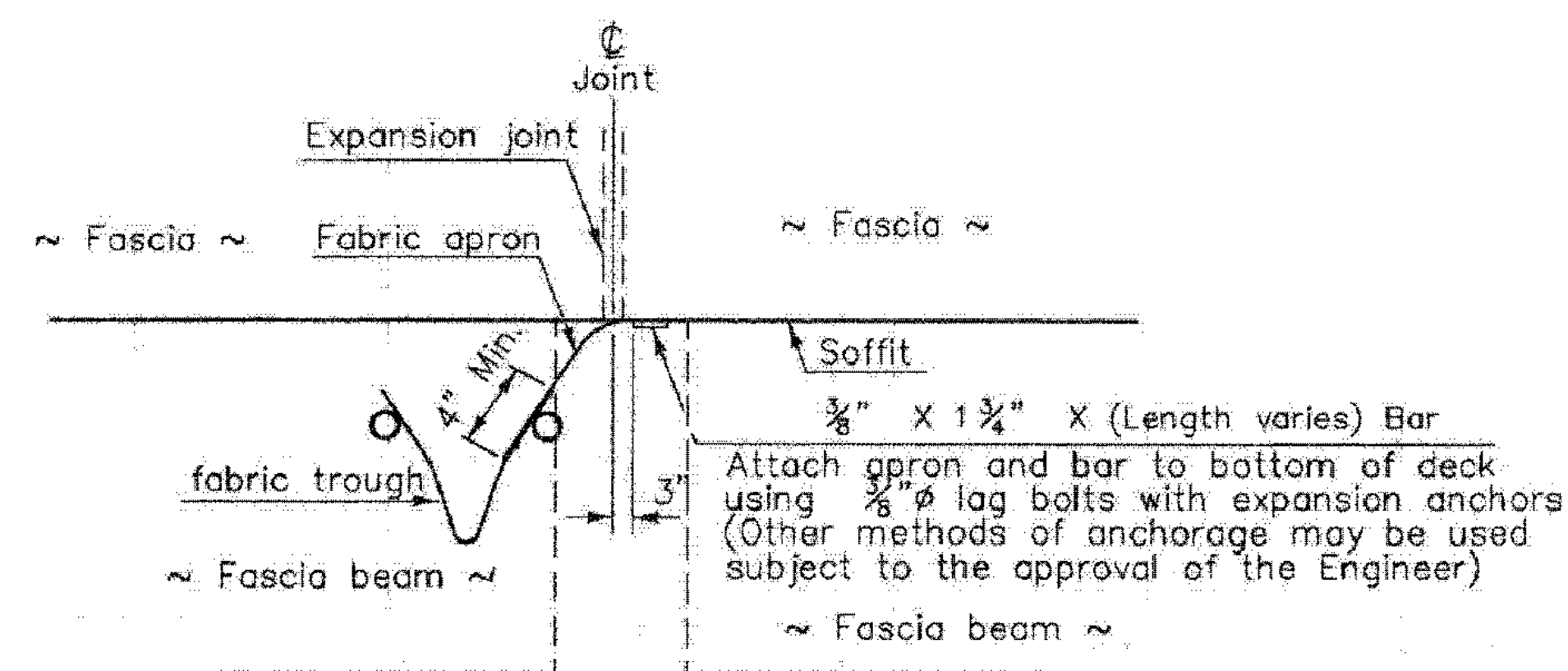


BAR DETAILS

SCALE: 1' = 1'-0"

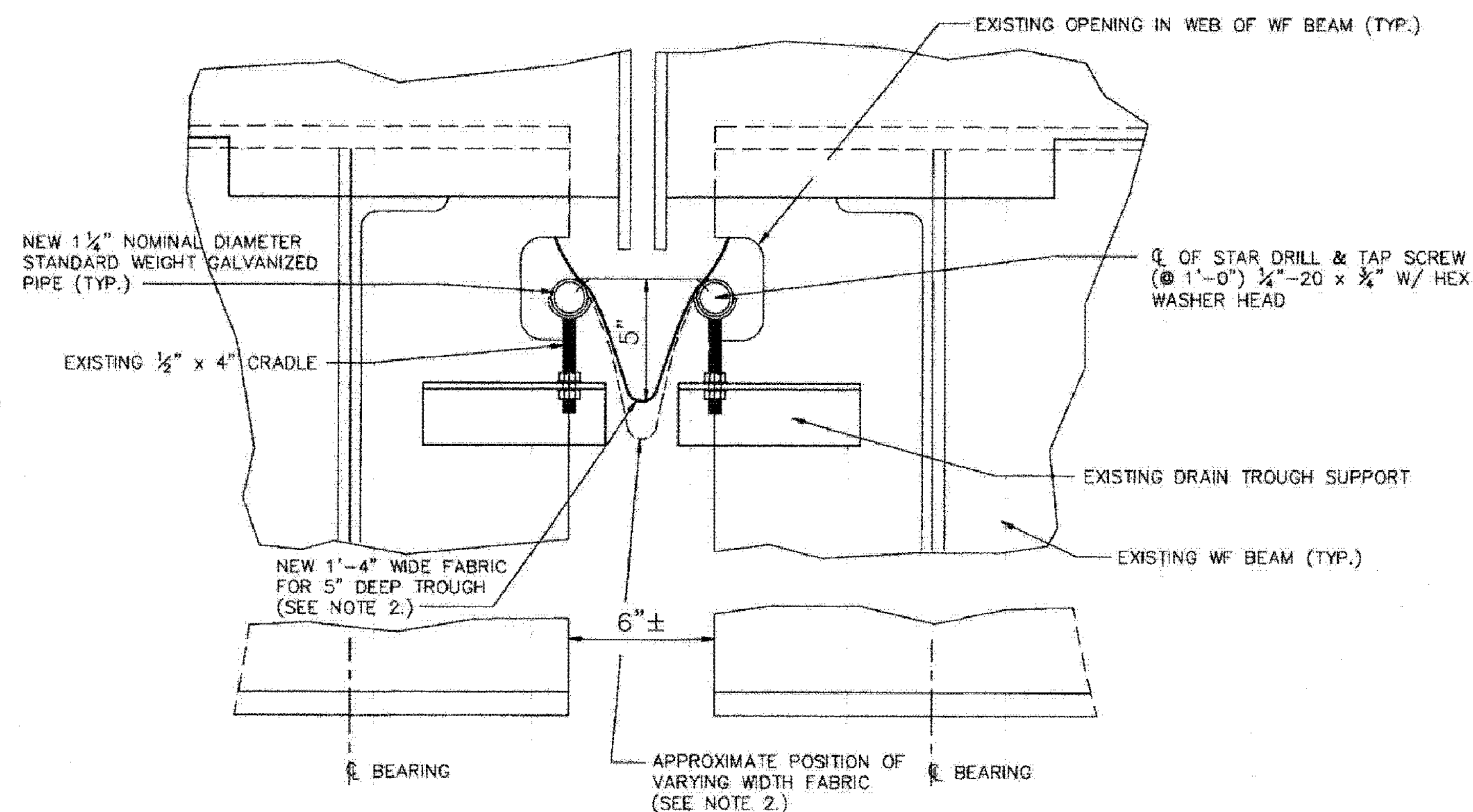
NOTES:

1. THE CONTRACTOR SHOULD BID ON THE COMPLETE REMOVAL AND TOTAL REPLACEMENT OF THE ENTIRE EXISTING DRAIN TROUGHS AND ALL RELATED HARDWARE AND COMPONENTS. THE ENGINEER WILL ONLY EVALUATE THE EXISTING CONDITIONS OF THE DRAIN TROUGH SUPPORTS ATTACHED TO THE BEAMS INCLUDING THE 1/2" X 4" CRADLES FOR POSSIBLE REUSE.
2. FABRIC USED IN THE CONSTRUCTION OF THE DRAIN TROUGHS SHALL BE A THREE PLY PREFORMED FABRIC MATERIAL AS SPECIFIED IN SUBSECTION 707.07. IT WILL BE ONE CONTINUOUS STRIP. THE APPROXIMATE WIDTH FOR A 5' DEEP TROUGH IS ABOUT 16". HOWEVER A VARYING WIDTH MAY BE REQUIRED TO MAINTAIN A MINIMUM FLOW LINE GRADE OF 1/2' PER FOOT. A STEEPER GRADE IS DESIRABLE. THE ENGINEER WILL DETERMINE THE GRADE FOR EACH TROUGH BASED ON FIELD CONDITIONS.
3. 1/4" (NOMINAL DIAMETER) STANDARD WEIGHT GALVANIZED PIPE SHALL BE CONTINUOUS FOR THE ENTIRE LENGTH OF TROUGH. ALL COSTS FOR THE PIPE AND COUPLINGS, SUPPORTS, CRADLES, SCREWS AND RELATED HARDWARE SHALL BE INCLUDED IN THE UNIT BID PRICE FOR THE APPROPRIATE CONTRACT 900.640 DRAIN TROUGH ITEM.
4. THE ENGINEER WILL DETERMINE THE CROSS SLOPE OF EACH DRAIN AND REQUIRED TOTAL LENGTH OF EACH NEW DRAIN TROUGH LOCATION PRIOR TO REMOVAL OF THE EXISTING TROUGH.



ELEVATION VIEW OF APRON AT FASCIA

N.T.S.



DRAIN TROUGH REPLACEMENT DETAIL

N.T.S.