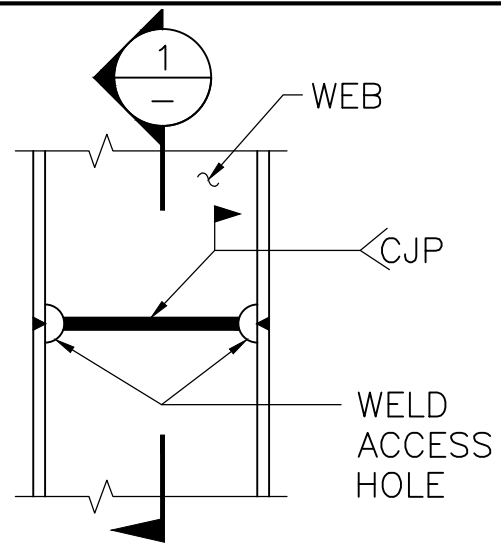


SECTION 1



ELEVATION

NOTES:

1. ALL WELDS SHALL BE COMPLETE PENETRATION AND SHALL CONFORM TO THE ANSI/AASHTO/AWS BRIDGE WELDING CODE, D1.5.
2. WELDING PROCEDURE SPECIFICATIONS MUST BE APPROVED BY THE ENGINEER PRIOR TO WELDING.
3. WHENEVER POSSIBLE ALL PILES SHALL BE SPLICED ON THE GROUND IN THE FLAT POSITION.
4. WEB SHALL BE COPEDED TO ALLOW FOR COMPLETE PENETRATION WELDING OF FLANGES.
5. WELDED MECHANICAL PILE SPLICERS MAY BE USED PROVIDED THAT COMPLETE DETAILS AND WELDING PROCEDURES HAVE BEEN REVIEWED AND APPROVED BY THE ENGINEER.

H-PILE SPLICE DETAILS

NOT TO SCALE

NOTES:

1. For piles subject to significant bending moment, add the following note on the plans: IF THE SPLICE LOCATION OCCURS WITHIN X FEET FROM THE BOTTOM OF THE ABUTMENT (*modify location as required*), ALL WELDS SHALL BE INSPECTED USING ULTRASONIC TESTING IN ACCORDANCE WITH THE BRIDGE WELDING CODE, ANSI/AASHTO/AWS D1.5. WELDS IN THIS LOCATION WILL BE CONSIDERED TO BE IN TENSION. TECHNICIANS PERFORMING THE TESTING SHALL HAVE PASSED THE PRACTICAL EXAM ADMINISTERED BY THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION.
2. Pile splice details shall be shown on Construction Drawings of all bridges requiring steel piles.



LRFD BRIDGE

MANUAL, PART II

H-PILE SPLICE DETAILS

FOUNDATIONS AND FILL

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