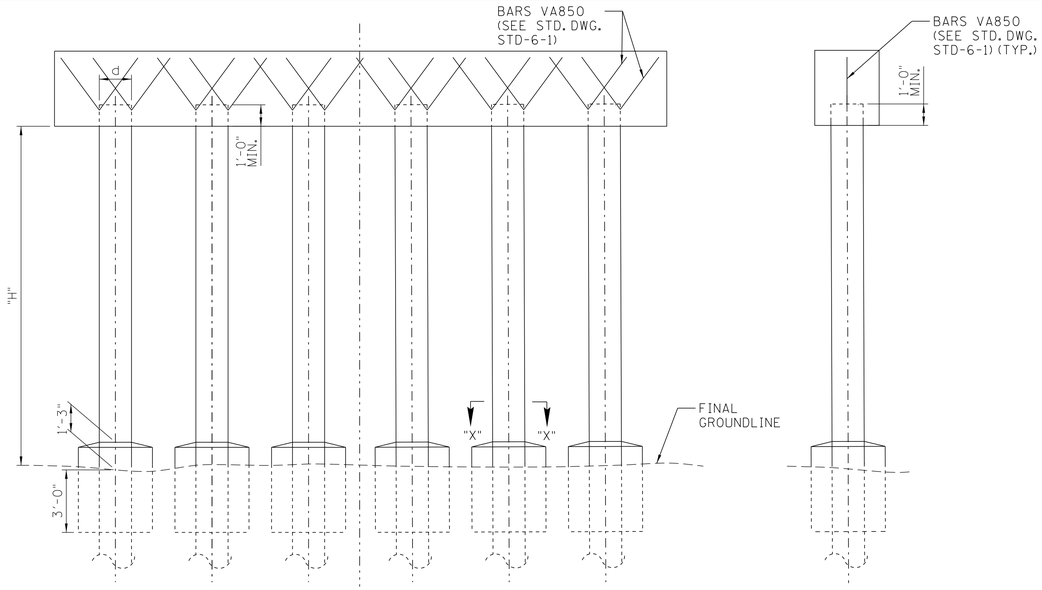
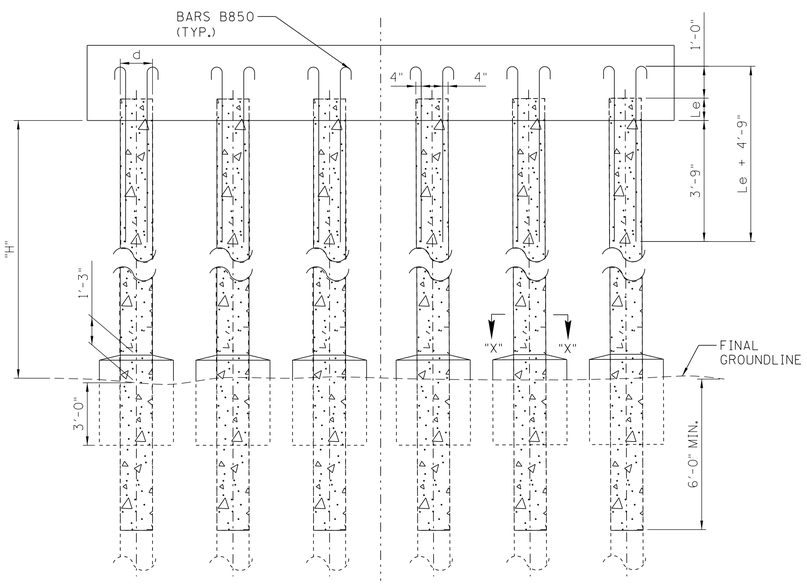
STD512.DGN

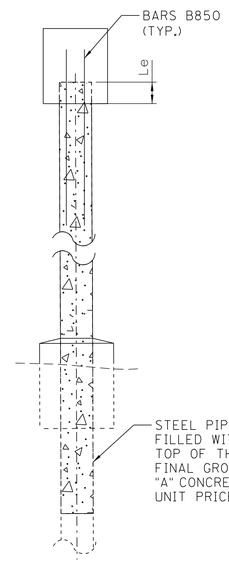


ELEVATION

END ELEVATION



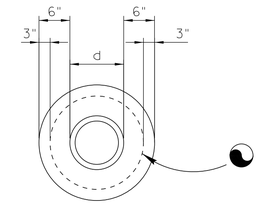
ELEVATION - CONCRETE FILLED PIPE PILES



END ELEVATION - CONCRETE FILLED PIPE PILES

STEEL PIPE PILES SHALL BE FILLED WITH CLASS "A" CONCRETE FROM TOP OF THE PILE TO MINIMUM 6'-0" BELOW FINAL GROUND. THE COST OF CLASS "A" CONCRETE TO BE INCLUDED IN THE UNIT PRICE BID FOR THE STEEL PILE.

PILE BENT DETAILS

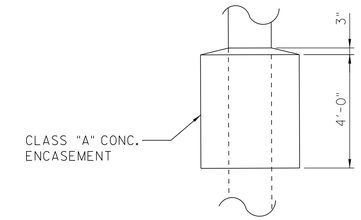


NOTE: WELDED WIRE REINFORCEMENT 2" × 2" NO. 10 WIRE. (MIN. LAP OF WELDED WIRE REINFORCEMENT = 1'-0"). COST TO BE INCLUDED IN UNIT PRICE BID FOR CLASS "A" CONCRETE.

SECTION "X"-"X"
(SHOWING PIPE PILE)

NOTE: CONTRACTOR MAY USE GALVANIZED PILES IN LIEU OF CONCRETE COLLAR ENCASEMENT FOR CORROSION PROTECTION. THE COST OF GALVANIZING SHALL BE INCLUDED IN THE COST OF THE PILE.

GALVANIZING: IF CONTRACTOR ELECTS TO GALVANIZE PILES IN LIEU OF CONCRETE COLLAR, ALL STEEL PIPE PILES SHALL BE GALVANIZED AFTER FABRICATION TO THE REQUIREMENTS OF ASTM A123 AND REPAIRED ACCORDING TO ASTM A780.



NOTE: TOP OF CONCRETE COLLAR ENCASING BLOCKS SHALL BE SLOPED TO DRAIN AS SHOWN.

NOTE: COST OF CONCRETE FOR CONCRETE ENCASEMENT SHALL BE INCLUDED IN THE UNIT PRICE BID FOR BENT CLASS "A" CONCRETE.

PROJECT NO.	YEAR	SHEET NO.
	2023	

REVISIONS

NO.	DATE	BY	BRIEF DESCRIPTION

STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION

STANDARD
PIPE PILE BENT
DETAILS
2023

DESIGNED BY K. MCLAUGHLIN DATE
DRAWN BY K. MCLAUGHLIN DATE
SUPERVISED BY TAK DATE
CHECKED BY TAK DATE

CORRECT Ted A Kmiazwyz
ENGINEER OF STRUCTURES

STD-5-2

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