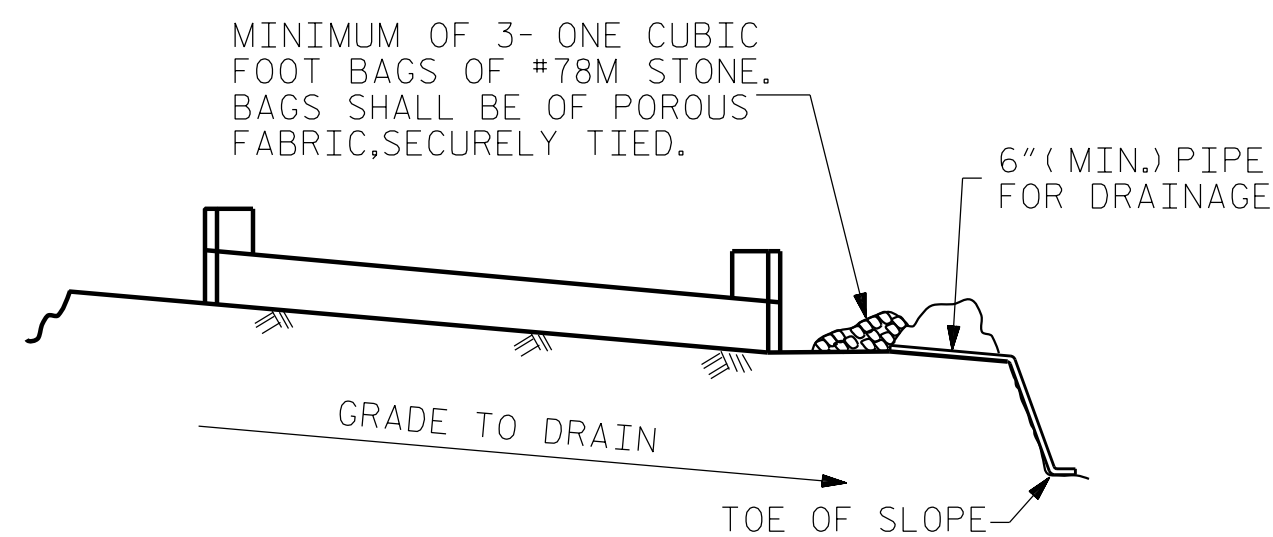


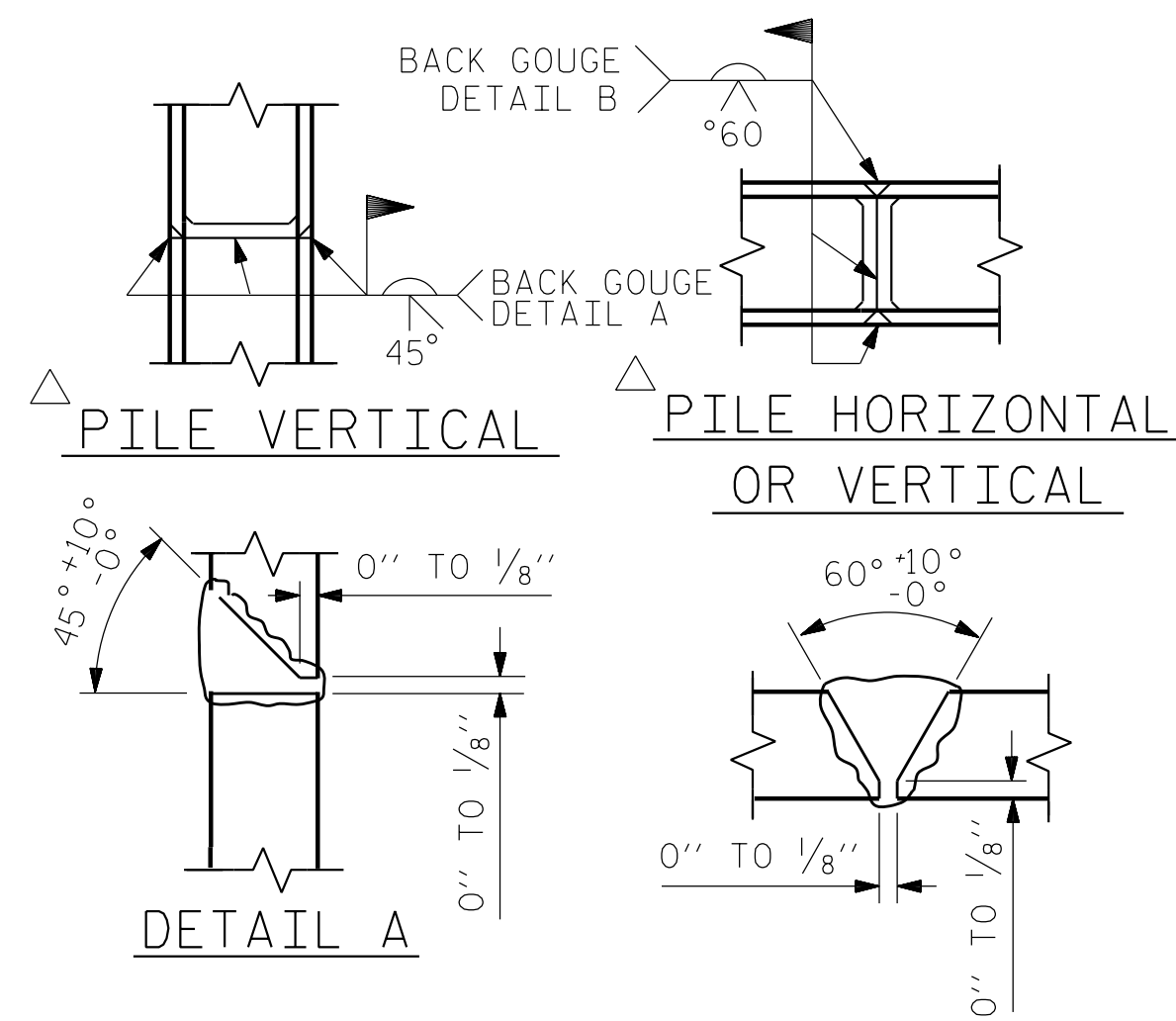


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR EFFECTIVENESS.

NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

TEMPORARY DRAINAGE AT END BENT



FILE VERTICAL

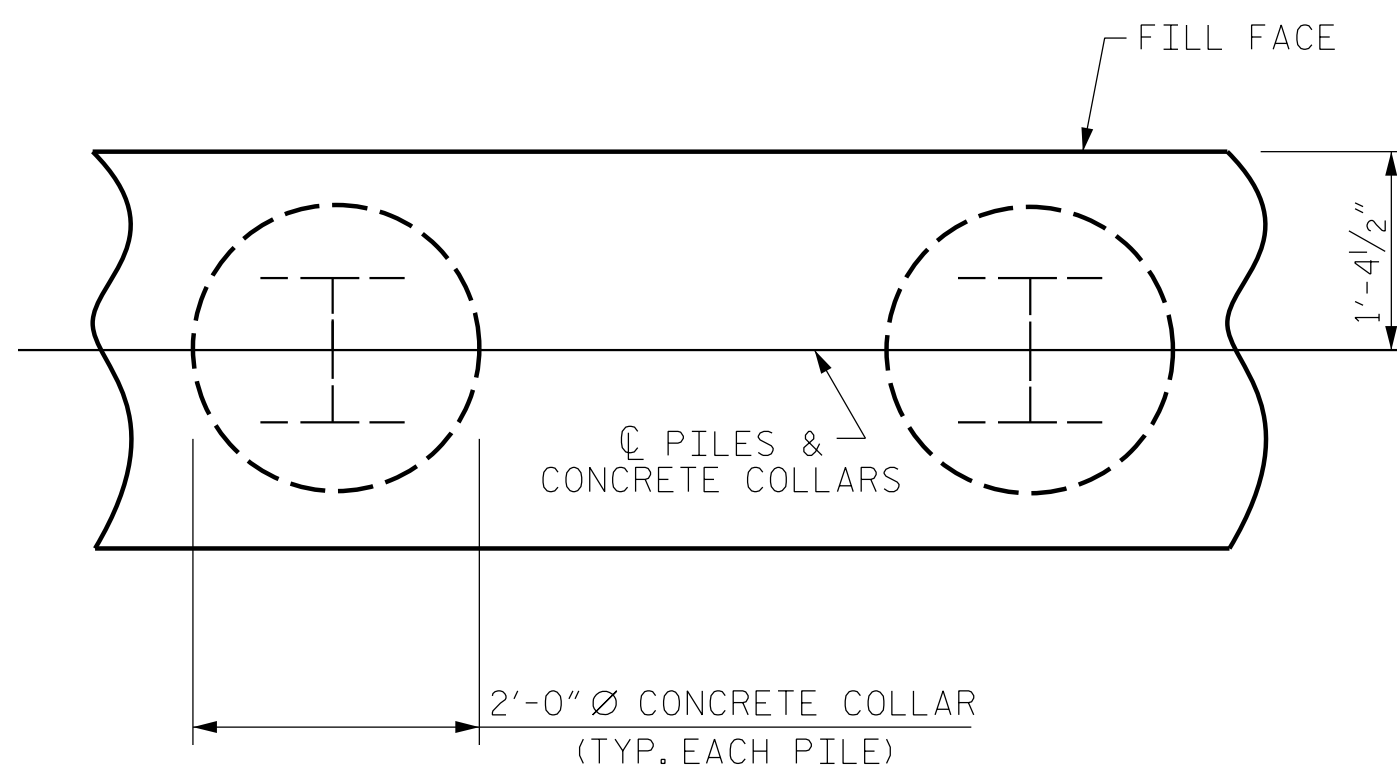
PILE HORIZONTAL
OR VERTICAL

DETAIL A

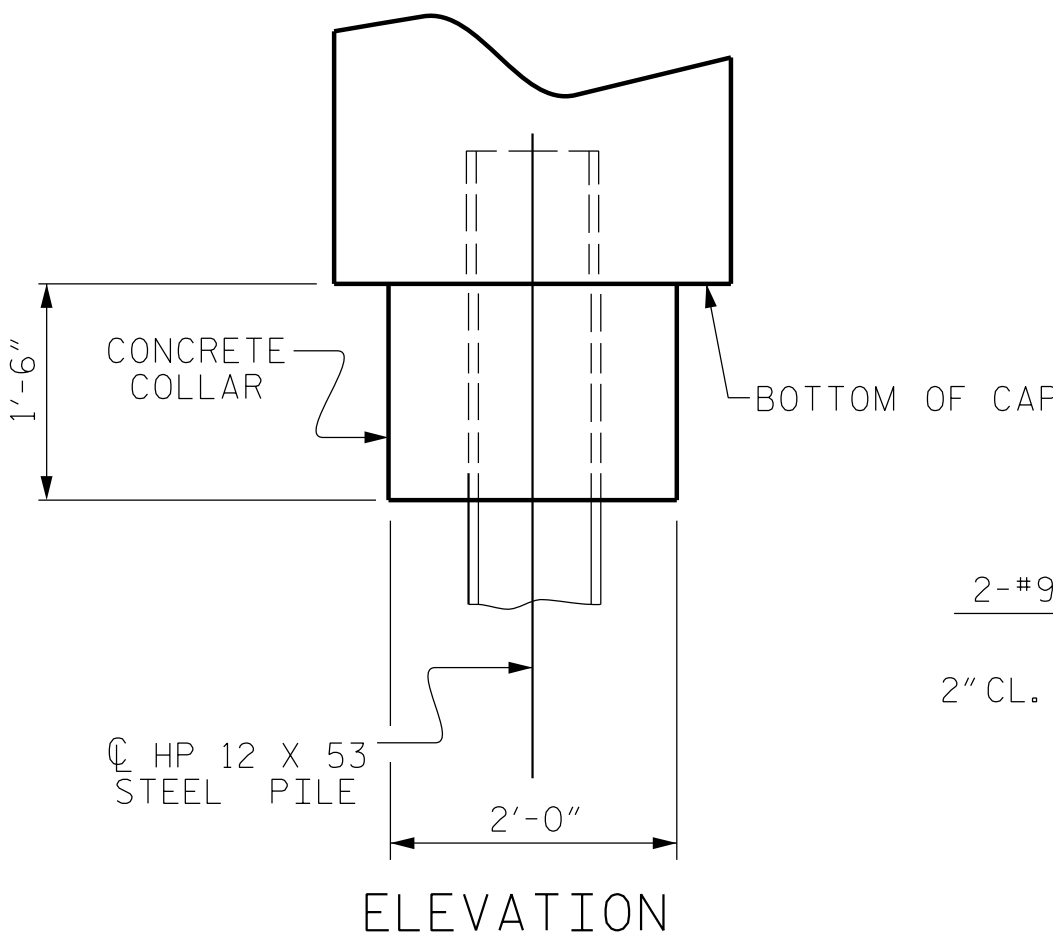
DETAIL B

POSITION OF PILE DURING WELDING.

PILE SPLICE DETAILS



PLAN



ELEVATION

CORROSION PROTECTION FOR STEEL PILES DETAIL

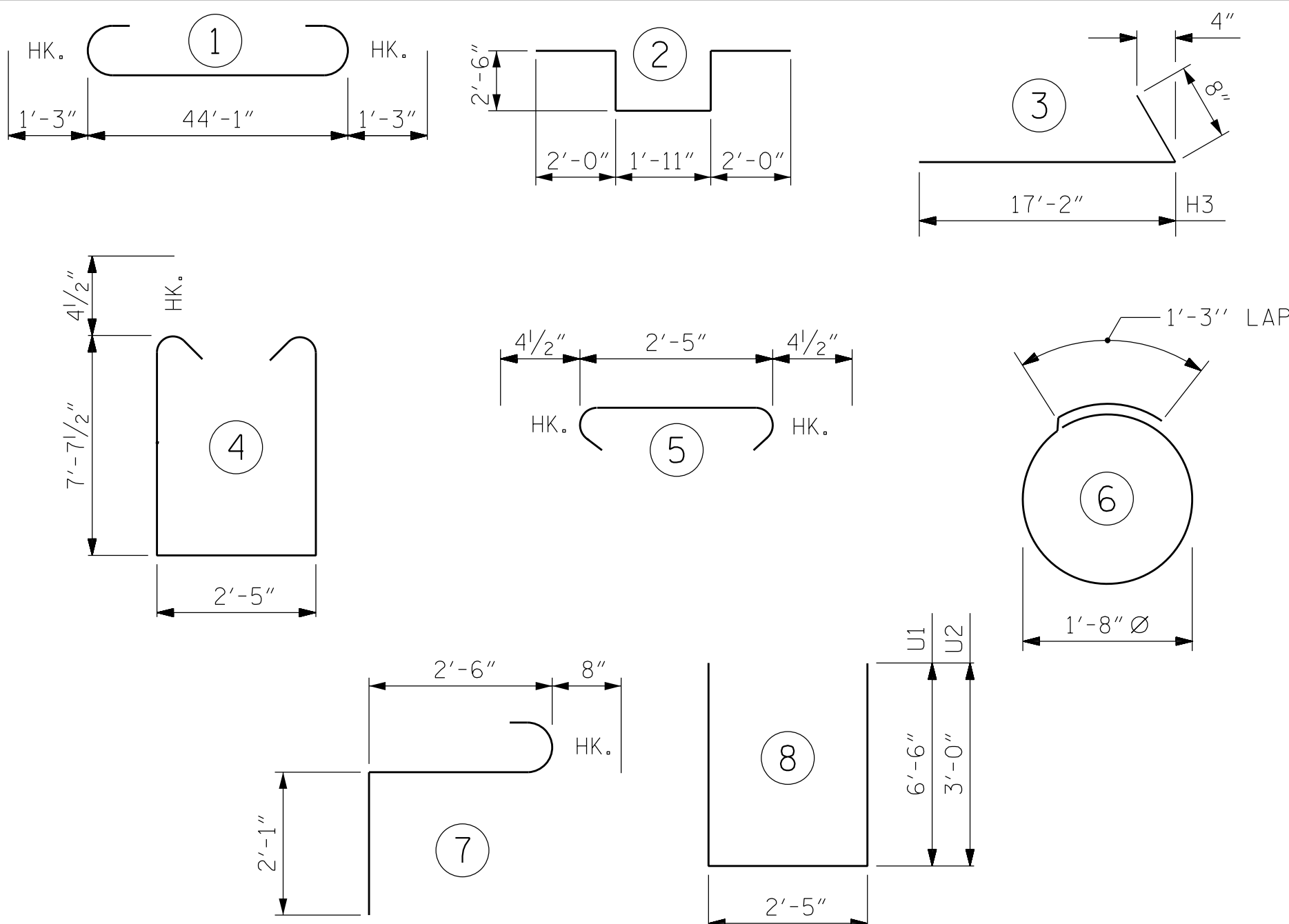
(END BENT No. 2 ONLY)

ASSEMBLED BY : J. M. DAVIS DATE : 6/24
CHECKED BY : R. C. LARSON DATE : 6/24

DRAWN BY : WJH 12/11	REV. 4/17	MAA/THC
CHECKED BY : AAC 12/11		

DESIGN ENGINEER OF RECORD: R. C. LARSON DATE : 6/24

BAR TYPES



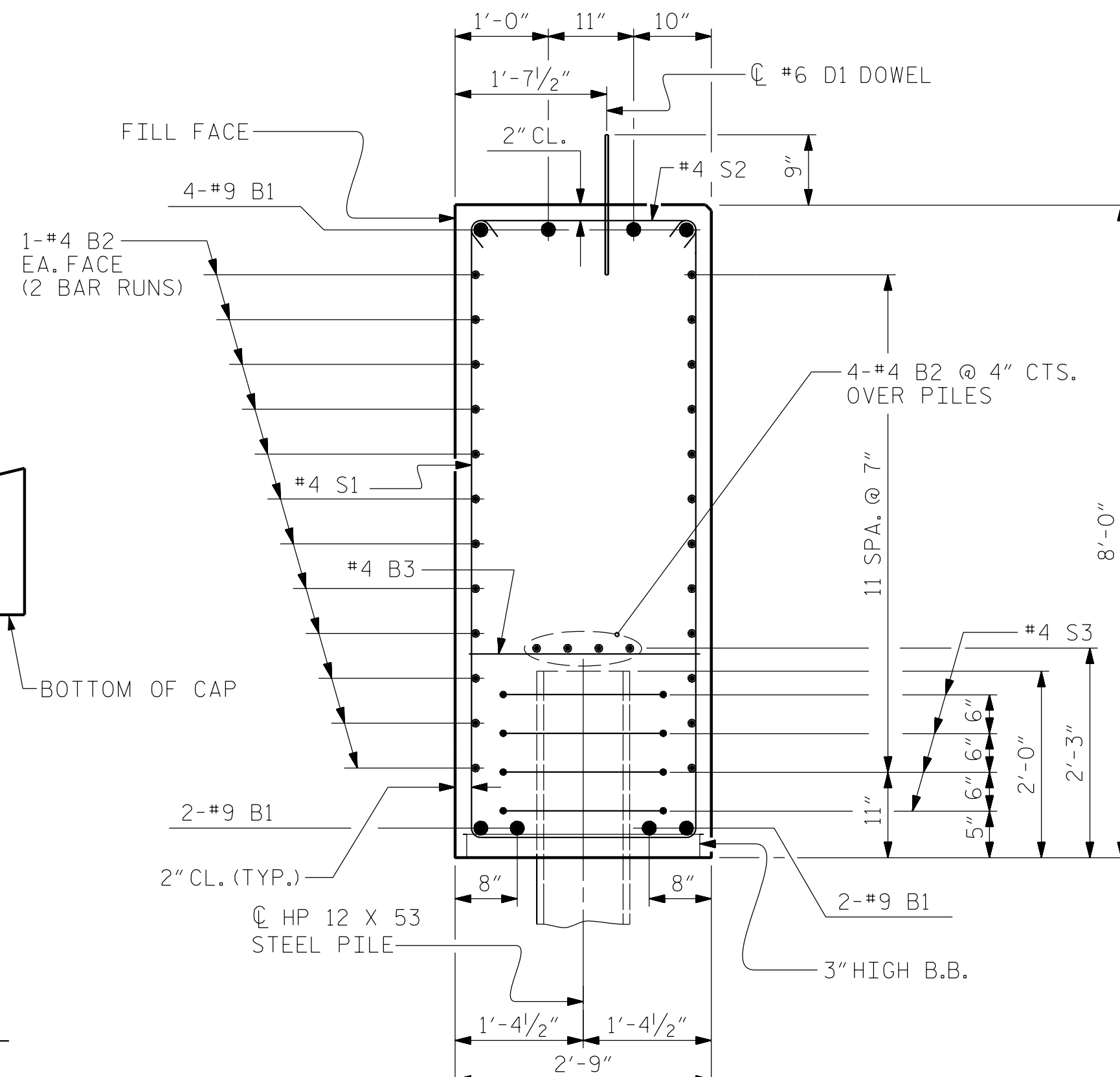
END BENT No. 2 ONLY

HP 12 X 53 STEEL PILES	No: 6	LIN. FT. = 90
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PILE DRIVING EQUIPMENT SETUP FOR HP 12 X 53 STEEL PILES

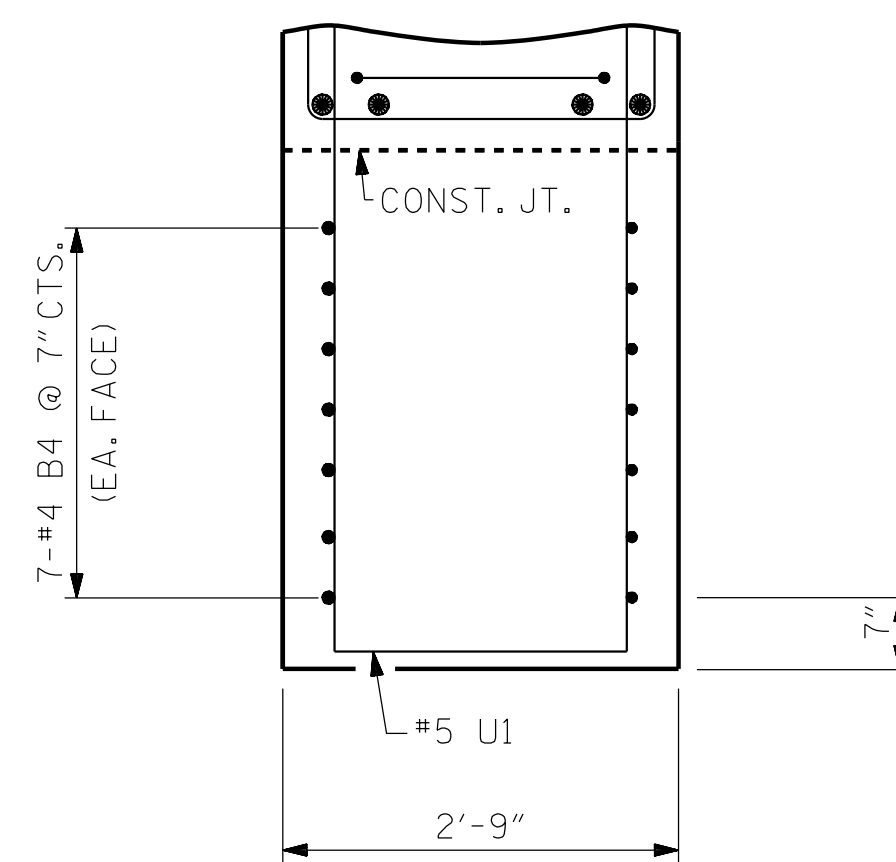
STEEL PILE POINTS No: 6

PILE EXCAVATION NOT IN SOIL	24.0 LIN. FT.
PILE EXCAVATION IN SOIL	48.0 LIN. FT.



SECTION A-A

(CONCRETE COLLAR NOT SHOWN FOR CLARITY,
SEE "CORROSION PROTECTION FOR STEEL PILES DETAIL.")
END BENT No.2 SHOWN, FOR END BENT No.1 OMIT
STEEL PILE AND ASSOCIATED REINFORCEMENT
(BARS S3, B3, B2 OVER PILES)



SECTION B-B



**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

PROJECT NO. B-5921

JACKSON COUNTY

STATION: 16+60.00 -L-

SHEET 4 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

END BENT No. 1 & 2
DETAILS

REVISIONS						SHEET NO. S-18
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 20
2			4			

STD. NO. EB_30_60S4