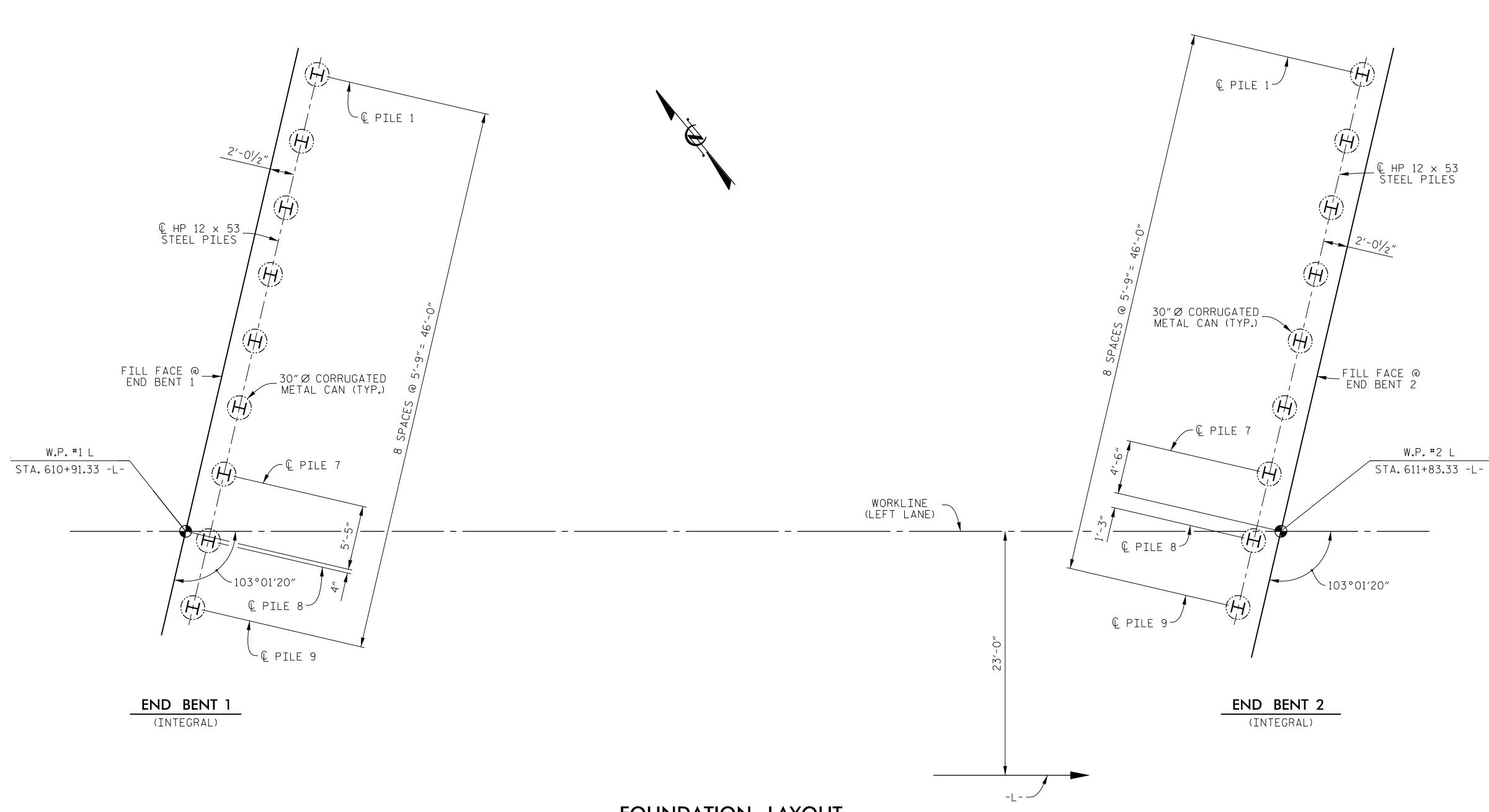
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NOTES

ALL END BENT PILES ARE VERTICAL HP 12 × 53 STEEL PILES. DIMENSIONS LOCATING PILES ARE SHOWN TO PILE CENTERLINES AT THE BOTTOM OF THE END BENT CAPS.	IT HAS BEEN ESTIMA RATED ENERGY IN TH BLOW WILL BE REQUI THIS ESTIMATED ENE CONTRACTOR FROM PI ACCORDANCE WITH SU SPECIFICATIONS.
FOR PILES, SEE GEOTECHNICAL SPECIAL PROVISIONS AND SECTION 450 OF THE STANDARD SPECIFICATIONS.	
PILES AT END BENT 1 AND END BENT 2 ARE DESIGNED FOR A FACTORED RESISTANCE OF 105 TONS PER PILE.	REDRIVING MAY BE F NEED FOR PDA TESTI THE STANDARD SPECI INSTALLATION OF 30
DRIVE PILES AT END BENT 1 TO A REQUIRED DRIVING RESISTANCE OF 240 TONS PER PILE. THIS REQUIRED DRIVING RESISTANCE INCLUDES ADDITIONAL RESISTANCE FOR DOWNDRAG.	
	THE BOTTOM OF THE IS REQUIRED FOR PI CANS SHALL BE DESI COMPACTION OPERAT AT A MINIMUM. CORR
DRIVE PILES AT END BENT 1 AND END BENT 2 AFTER MSE WALL CONSTRUCTION AND AFTER THE 1 MONTH WAITING PERIOD.	•

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FOUNDATION LAYOUT

MATED THAT A HAMMER WITH AN EQUIVALENT THE RANGE OF 35,000 TO 55,000 FT.-LBS. PER UIRED TO DRIVE PILES AT THE END BENTS. ENERGY RANGE DOES NOT RELEASE THE PROVIDING DRIVING EQUIPMENT IN SUBARTICLE 450-3(D)(2) OF THE STANDARD

TH THE PDA DURING DRIVING, RESTRIKING OR REQUIRED. THE ENGINEER WILL DETERMINE THE ING.FOR PDA TESTING, SEE SECTION 450 OF CIFICATIONS.

30" DIAMETER CORRUGATED METAL CANS FROM PILE CAP TO THE LEVELING PAD ELEVATION PILES AT END BENT 1 AND END BENT 2. THE SIGNED TO WITHSTAND THE PRESSURES FROM TIONS ON ADJACENT FILLS WITHOUT DISTORTION. RRUGATED METAL CANS SHALL BE 16-GAUGE KNESS OF 0.064".

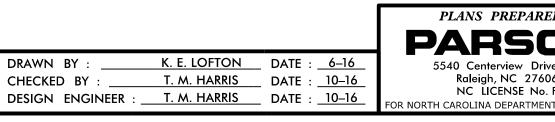
LOOSELY BACKFILL CORRUGATED METAL CANS USING SAME MATERIAL AS MSE REINFORCEMENT ZONE PRIOR TO CONSTRUCTION OF THE END BENT PILE CAP. DO NOT COMPACT MATERIAL WITHIN THE CAN.

OBSERVE A 1 MONTH WAITING PERIOD AFTER CONSTRUCTING MSE RETAINING WALL AT END BENT 1 AND END BENT 2 TO THE BOTTOM OF CAP ELEVATION BEFORE BEGINNING END BENT CONSTRUCTION. FOR BRIDGE WAITING PERIODS, SEE ROADWAY PLANS AND SPECIAL PROVISIONS.

OBSERVE A 1 MONTH WAITING PERIOD AFTER CONSTRUCTING THE EMBANKMENT, END BENT AND REINFORCED BRIDGE APPROACH FILL, IF APPLICABLE, BEFORE BEGINNING APPROACH SLAB CONSTRUCTION AT END BENT 1. FOR BRIDGE WAITING PERIODS, SEE ROADWAY PLANS AND SPECIAL PROVISIONS.

DRAWN BY

CHECKED BY :



	PROJECT NO CLEVELAND STATION:611		
	STATE OF NORTH DEPARTMENT OF TI RALEIG	RANSPORTATION	
DOCUMENT NOT CONSIDERED FINAL			
UNLESS ALL SIGNATURES COMPLETED	BRIDGE OVER NC 150 (–Y14–) ON SHELBY BYPASS (–L–) BETWEEN NC 180 AND US 74 BUSINESS (LEFT LANE)		
ED BY ISEAL			
	REVISIONS SHEET No.		
tive, Suite 217	No. BY: DATE: No. BY	: DATE: \$9–2 TOTAL	
606–3386 5. F–0246 SNT OF TRANSPORTATION	1 3 2 4	SHEETS 25	
ENT OF TRANSPORTATION		STR. #9	