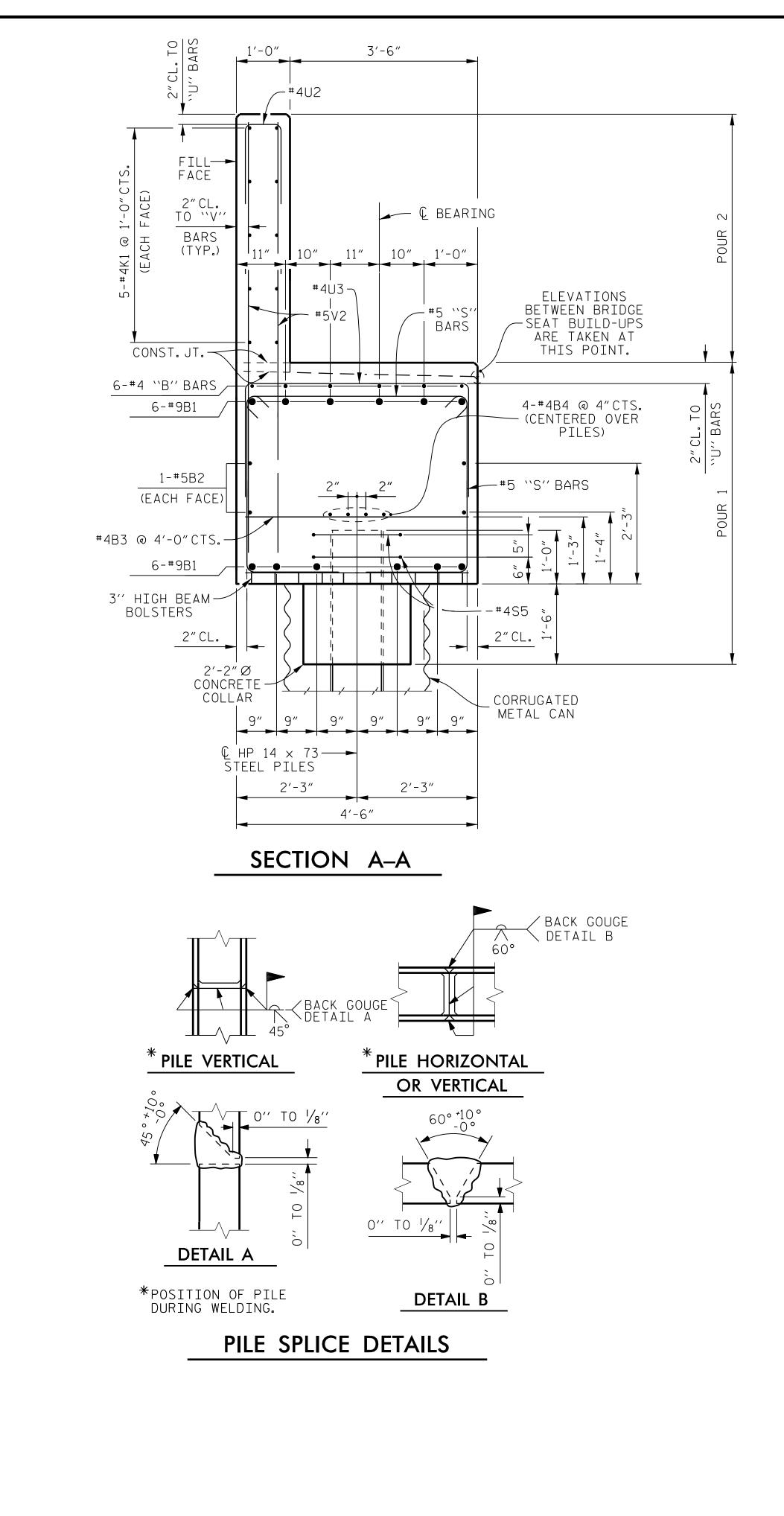
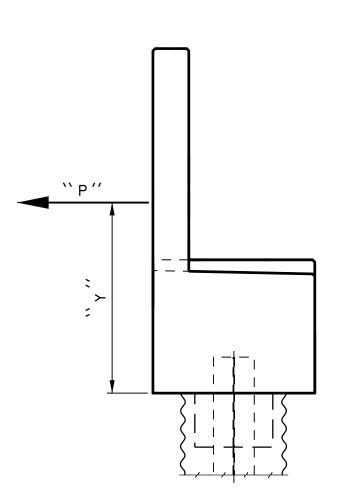
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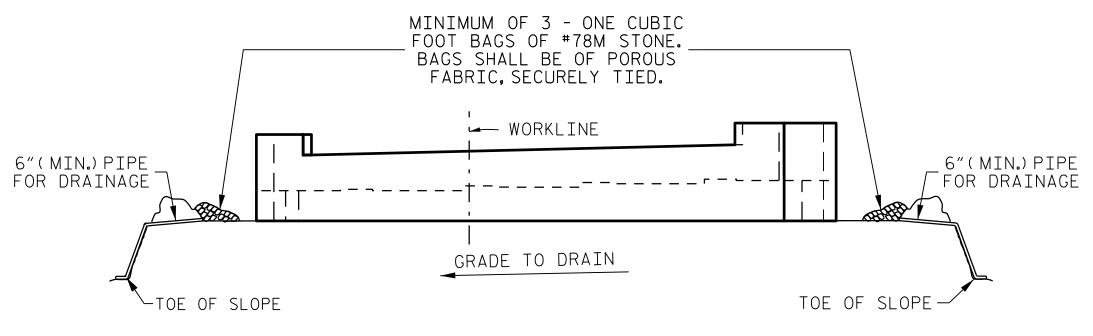
## END BENT TIEBACK FORCE

COMPONENT		<sup></sup> "P″ (K ∕FT.)	"Y" (FT.)
WIND ON STRUCTURE	(WS)	0.10	3.514
WIND ON LIVE LOAD	(WL)	0.05	3.514
BRAKING FORCE	(BR)	0.57	3.514
THERMAL FORCE	(TU)	0.21	3.514
EARTH FORCE	(EH)	1.28	2.684
LIVE LOAD SURCHARGE	(LS)	1.27	4.025

NOTE:

"P" IS UNFACTORED SERVICE LOAD NORMAL TO FILL FACE.

	BILI	_ OF	MA	TERIAL	
	E	IND	BEN	NT 1	
BAR B1 B2 B3 B4 B5 B6 B7	No. 24 8 16 8 6 24 6	SIZE #9 #5 #4 #4 #4 #4 #4	TYPE 2 STR STR STR STR STR STR STR	LENGTH WEIGHT 40'- 8" 3,318 33'- 8" 281 4'- 2" 45 33'- 2" 177 6'- 0" 24 9'- 6" 152 13'- 6" 54	
H1 H2 H3 H4	8 14 6 14	#5 #5 #5	STR 6 STR 7	8'- 7" 72 9'- 6" 139 7'- 9" 48 8'- 9" 128	
К1	20	#4	STR	31'- 8" 423	
S1 S2 S3 S4 S5	6 66 66 24	#5 #5 #5 #4	4 8 4 8 1	5'-3" 33 10'-6" 66 5'-1" 350 10'-4" 711 7'-7" 122	
U1 U2 U3	4 51 43	#4 #4 #4	5 3 3	9'- 6" 25 4'- 2" 142 7'- 2" 206	
V1 V2 V3	28 102 28	#5 #5 #5	STR STR STR	9'- 6" 277 7'- 9" 824 8'-11" 260	
REIN	IFORC	ENG ST	EEL	7,755 LBS.	
	JR 1 C A	′CONC OLLAR ND LO /INGS	S,CAP	57.0 CU.YDS.	
POL			LL ANI WINGS TOTAL		
			EL PIL		
				IENT SETUP ILES 12 EACH	



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 FOR THE SEVERAL PAY ITEMS.

## TEMPORARY DRAINAGE AT END BENT



UNLESS ALL SIGNATURES COMPLETED

TH CARO

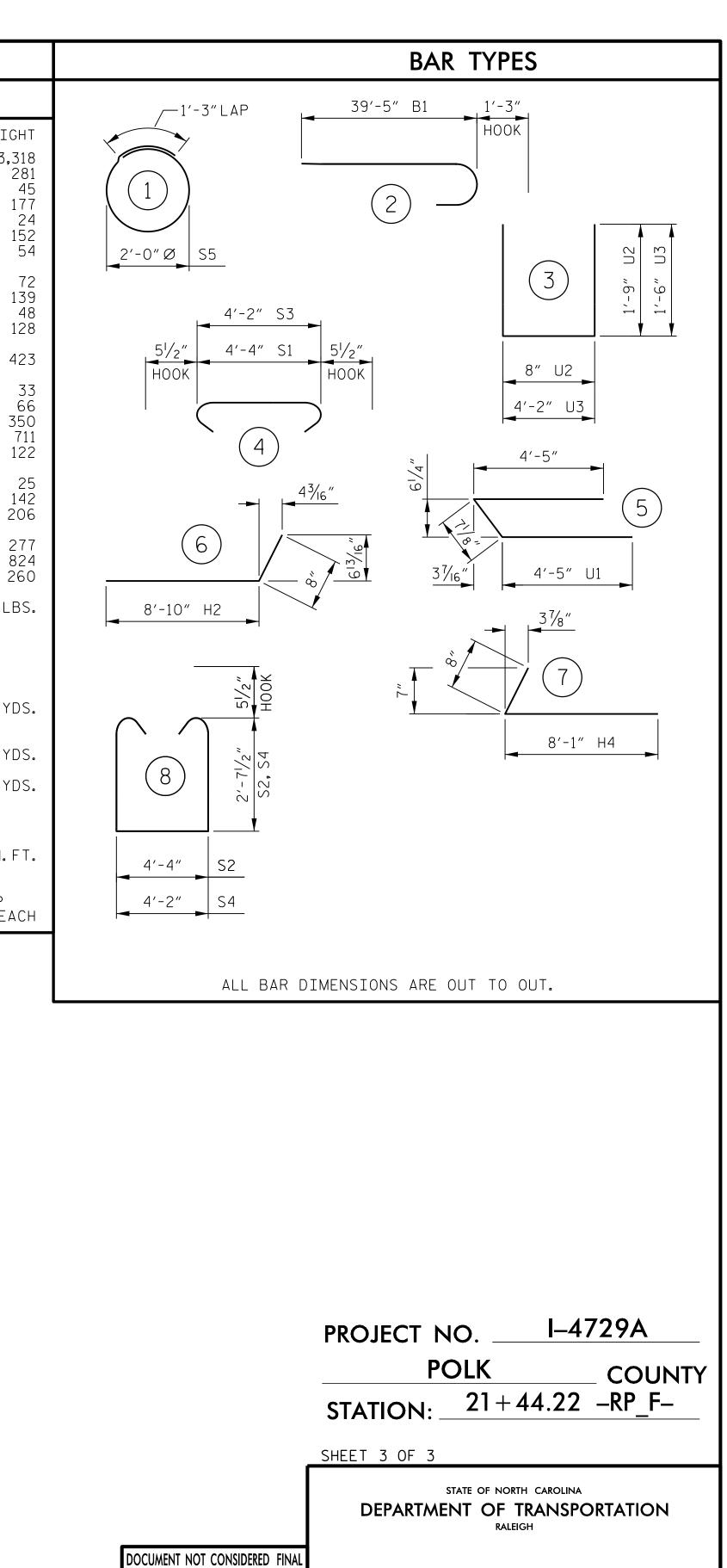
SEAL 029979

LOCULINE AND INE

Som Approl.

8/16/2017

DRAWNBY :M. CLAREY / T. DETMERSDATE :7-17CHECKEDBY :D. PRETORIUSDATE :7-17DESIGNENGINEER :D. PRETORIUSDATE :7-17



SUBST	RUCTURE

END	BENT	1

	REVISIONS					SHEET No.
No.	BY:	DATE:	No.	BY:	DATE:	S2–22
1			3			TOTAL SHEETS
2			4			31
						STR. #2