PILE BENT NOTES:

THESE PIER BENTS ARE DESIGNED FOR USE IN LOCATIONS WHERE ICE AND DRIFT CONDITIONS ARE NOT SEVERE.

FOR DETAILS OF TRESTLE PILES, TYPES 1, 2 AND 3, SEE STANDARD PIOL.

MINIMUM CLEAR DISTANCE FROM FACE OF CONCRETE TO NEAR REINFORCING BAR SHALL BE 2 INCHES UNLESS OTHERWISE NOTED OR SHOWN.

PIER PILES SHALL BE DRIVEN TO VALUES SHOWN IN DESIGN PLANS.

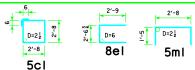
BAR LENGTH SHAPE NO. SIZE WEIGHTINO. SIZE WEIG	BENT BAR DETAILS							
QI 40'-8								
a1 40'-8 6 9 830 8 8 <td>13.8</td>	13.8							
a1 40'-8 6 9 830 6 9 832 83 83 83 83 83 8 83 8 </td <td></td>								
al 40'-8 6 9 830 8 8 <td>1964</td>	1964							
ol 40'-8 6 9 830 8 83 4 9 553	8 5 22							
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a1 40'-8 — 6 9 830 8 43 8 8 434 8 434 8 434 8 434 8 434 8 434 8 434 8 434 8 434	32 5 389							
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BAK LENGTH SHAPE NU. SIZE WEIGHINU. SIZE WEIGHINU. SIZE WEIGHINU. SIZE WEIGHINU. SIZE WEIGHINU. SIZE WEIGHINU.	4 9 553							
BAR LENGTH SHAPE NO. SIZE WEIGHTINO. SIZE WEIGHTINO. SIZE WEIGHTINO. SIZE WEIGHTINO. SIZE WEIGHTINO. SIZE WEIGHTINO.	TNO. SIZE WEIGH							
9 PILE BENT 10 PILE BENT 11 PILE BENT 12 PILE BENT 13 PILE BENT 14 PILE BENT 15 PILE BENT	16 PILE BENT							

REINFORCING BAR LIST AND ESTIMATED QUANTITIES - PER PILE BENT

NOTE: THE REINFORCING STEEL QUANTITY IS TO BE INCLUDED ON THE SUMMARY QUANTITIES SHEET IN THE PLAN.

NOTE: THE CONCRETE QUANTITY IS TO BE INCLUDED ON THE SUMMARY QUANTITIES SHEET IN THE PLAN.

NOTE: THE NUMBER OF PILES AND THE PILE TYPE ARE TO BE INCLUDED ON THE SUMMARY QUANTITIES SHEET IN THE PLAN.



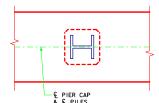
NOTE: ALL DIMENSIONS ARE OUT TO OUT. D=PIN DIAMETER.

ઈૄ-ઈૄ ABUTMENT BEARING	FRICTION	BEARI	NG PILING	FRICTION OR	POINT	BEARING PILING
	PIOL TYPE I OR 2			PIOL TYPE 3		
	NUMBER OF TRESTLE PILES	② _{"K"} (INCHES)	3 LRFD PU, STRENGTH I DES.LOAD (KIPS)	NUMBER OF TRESTLE PILES	PILE SIZE	3 LRFD PU, STRENGTH I DES.LOAD (KIPS)
138′-10	13	14	91	9	HP10x57	131
	Ш	16	107	9	HP12x53	131
151′-4	14	14	89	9	HP10x57	138
	12	16	104	10	HP12x53	124
163′-10				10	HP10x57	134
				10	HP12x53	134
176′-4				10	HP10x57	141
				- II	HP12x53	128
188′-10				- II	HP10x57	133
				II.	HP12x53	133
201′-4				12	HP10x57	136
				13	HP12x53	126
213′-10				12	HP10x57	143
				13	HP12x53	132
226′-4				13	HP10x57	139
				14	HP12x53	129
243′-0				14	HP10x57	136
				15	HP12x53	127

- ONCRETE QUANTITIES SHOWN HAVE HAD THE VOLUME OF EMBEDDED PILES DEDUCTED FOR TYPES I AND 2 BASED ON 0.8 FT PER FOOT OF EMBEDMENT. THE CONCRETE QUANTITIES FOR TYPE 3 PILES DO NOT REQUIRE REDUCTION FOR PILE EMBEDMENT.
- SEE STANDARD PIOL FOR "K" DIMENSION.
- 3 NOTE: PU, STRENGTH I DESIGN LOAD (KIPS) IS NOT THE VALUE USED IN THE FIELD FOR DRIVING PILES.

NOTE: FRICTION BEARING INCLUDES SIDE FRICTION AND END BEARING IN SOIL. POINT BEARING INCLUDES SIDE FRICTION AND POINT BEARING IN ROCK.





PILE ORIENTATION DETAIL FOR TYPE 3 TRESTLE BENT PILES