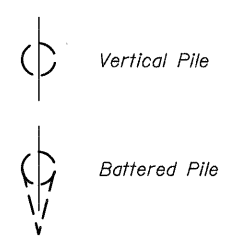


PLAN - PILE CAP

LEGEND



PILE DATA

Type: Metal Shell Piles 14" x 0.312"
 Nominal Required Bearing: 466 kips
 Factored Resistance Available: 256 kips
 Est. Length: 58'
 No. Production Piles: 45
 No. Test Piles: 1

The Contractor shall limit the pile hammer size selected considering the relatively high soil strengths indicated in the borings and avoid overdriving the piles beyond their nominal required bearing to prevent pile damage during driving.

<p>McDonough Associates Inc. Engineers / Architects 137 East Randolph Street, Chicago, Illinois 60601</p>	FILE NAME = _0600345-76A91-087-ABD.dgn	DESIGNED - KJH	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	E. ABUTMENT - FOOTING PLAN STRUCTURE NO. 060-0345	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	USER NAME = \$USER\$	CHECKED - JCE	REVISED -			270	60-1B-1	MADISON	712	466
	PLOT SCALE = NONE	DRAWN - RJ	REVISED -			CONTRACT NO. 76A91				
PLOT DATE = 3/18/11	CHECKED - JCE	REVISED -	BRIDGE SHEET NO. 87 OF 133 SHEETS			ILLINOIS FED. AID PROJECT				