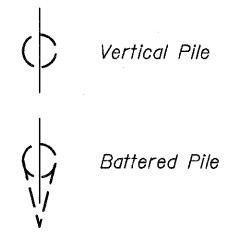


PLAN - PILE CAP

LEGEND



PILE DATA

Type: Metal Shell Piles 14" x 0.312"
 Nominal Required Bearing: 416 kips
 Factored Resistance Available: 229 kips
 Est. Length: 57'
 No. Production Piles: 33
 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.

FILE NAME = _0600345-76491-083-ABD.dgn McDonough Associates Inc. Engineers / Architects 130 East Randolph Street Chicago, Illinois 60601	USER NAME = \$USER#	DESIGNED - KJH CHECKED - JCE	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	W. ABUTMENT - FOOTING PLAN STRUCTURE NO. 060-0345	F.A.I. RTE. 270	SECTION 60-1B-1	COUNTY MADISON	TOTAL SHEETS 712	SHEET NO. 462
	PLOT SCALE = NONE PLOT DATE = 3/18/11	DRAWN - RJ CHECKED - JCE	REVISED - REVISED -			BRIDGE SHEET NO. 83 OF 133 SHEETS		CONTRACT NO. 76A91		[ILLINOIS] FED. AID PROJECT