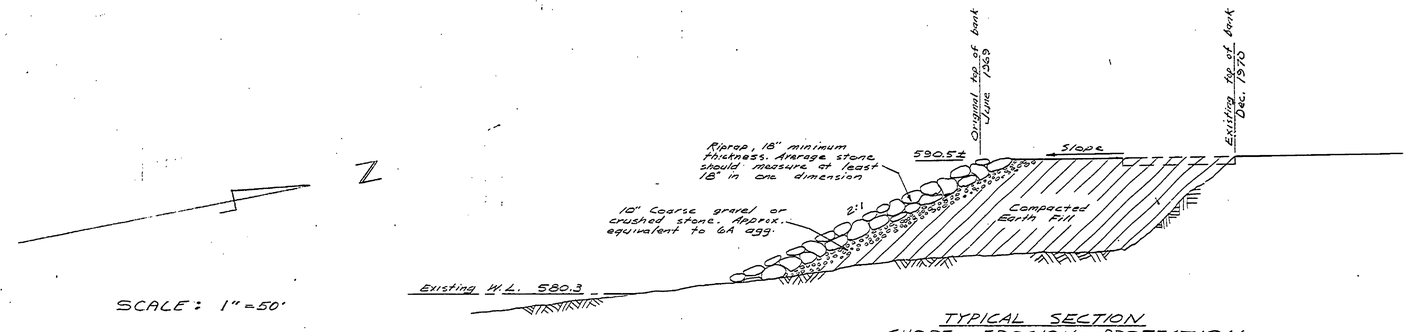
COMMERCIAL BLUEPRINT SERVICE 800 11-67



SCALE: 1" = 50'

TYPICAL SECTION
SHORE EROSION PROTECTION
SCALE: 1" = 5'

WITNESSES

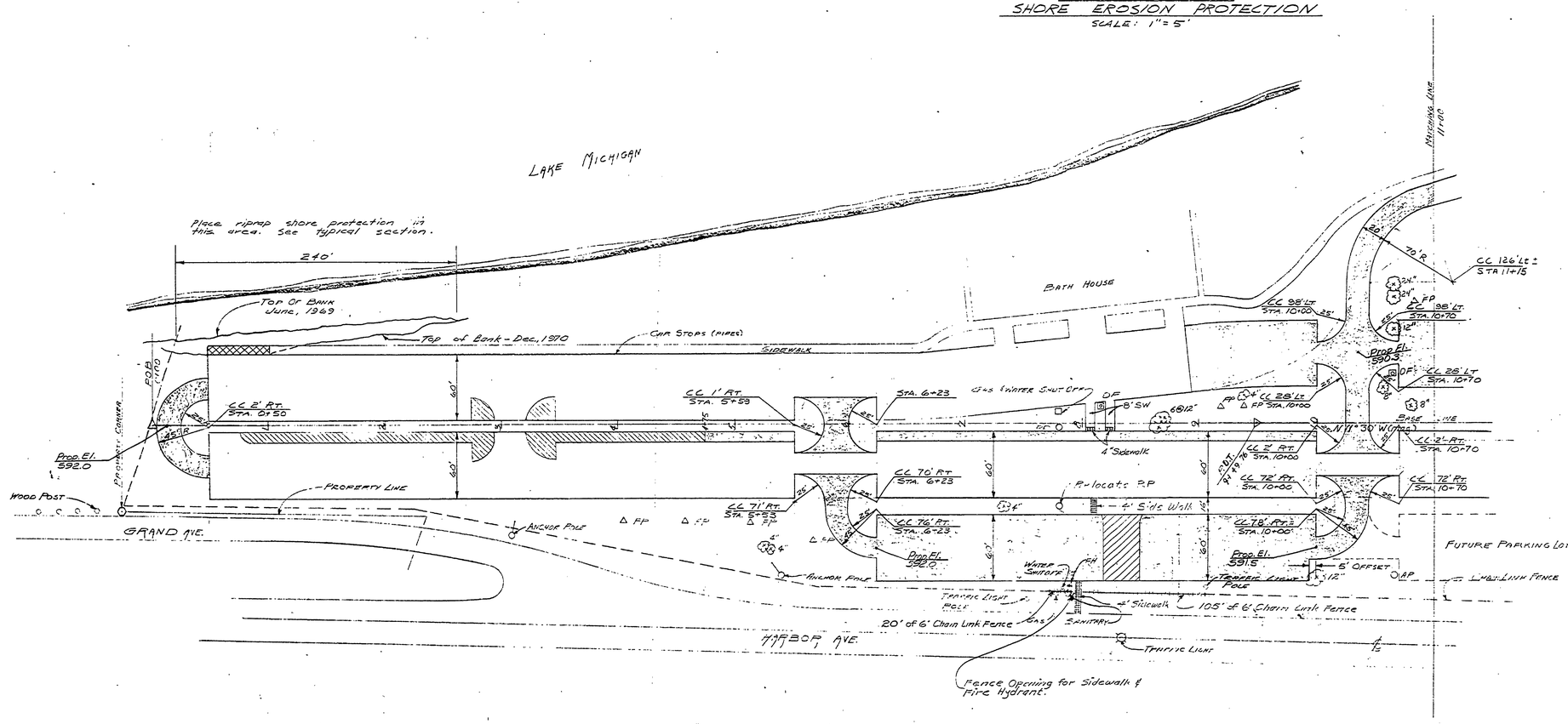
P.O.B. 3/4" Iron Pipe Flush With Ground
S11°30'E 3.4', Face of Chain Link Fence
S47°W. 6.4', ℄ of 8th Fence Post From SE Corner
S47°30'E 5.5' ℄ of 7th Fence Post From SE Corner
S32°W, 35.20' Outdoor Grill.

P.O.T. Sta. 9+49.76, 3/4" Iron Pipe Flush With Ground
S43°W, 29.52', 5" Maple, Spike & Tag
S58°W, 118.50', Light Pole, Spike & Tag
N65°W, 128.59', 16" Cottonwood, Spike & Tag

BENCH MARK DATA

BM#11, A Chiseled "□" On E. Edge of Sidewalk Along E. Edge of Bath House, In Line With N. Edge of Building Elev. 590.14

BM#14, W Bolt In Hydrant Cap At Park Entrance Harbor Ave. Elev. 594.36



QUANTITIES THIS SHEET		
Bituminous Aggregate 4.11	175#/yd²	5182 yd²
Bituminous " "	100#/yd²	200 yd²
Concrete, 5" Uniform		500 yd²
Concrete Sidewalk 4" Uniform		26 yd²
Bituminous Bond Coat (0.15 Gal/yd²)		30 Gal.
23-A Gravel Base Course, 8" Depth		5920 yd²
6' Chain Link Fence		25 lin. ft.
Bituminous Prime Coat (0.25 Gal/yd²)		1335 Gal.

NEW BITUMINOUS SURFACE 175#/SYD.
NEW BITUMINOUS OVER EXISTING PAVEMENT 100#/SYD
NEW CONCRETE PAVEMENT 5" UNIFORM
NEW CONCRETE SIDEWALK 4" UNIFORM

SURVEYED BY		DRAWN BY Lee W. Smith		NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	MICHIGAN DEPARTMENT OF CONSERVATION	SHORE PROTECTION
DESIGNED BY		CHECKED BY		1.				3.					
	DATE		DATE	2.				4.					

SHEET NO. 4A OF 7
FOR PROJECT NO. 03-6024
GRAND HAVEN STATE PARK
SHEET 4A OF 7 PLAN NO. E-108