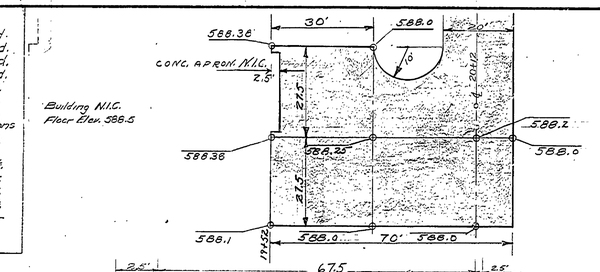
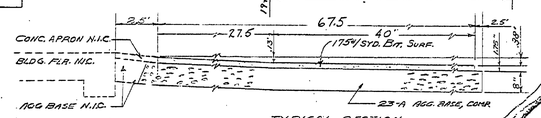
COMMERCIAL BLUEPRINT SERVICE 500 11-67

QUANTITIES THIS SHEET

Bituminous (115#/yd²)	12,911	S.Yd.
Bituminous (100#/yd²)	330	S.Yd.
Conc. Sidewalk, 4" Unif.	62	S.Yd.
23-A Aggregate Bse. Crse. 8" Depth	11,090	S.Yd.
Bit. Prime Coat (0.25 gal/yd²)	3,310	Gal.
Bit. Bond Coat (0.15 gal/yd.)	50	Gal.
6' Chain Link Fence	230	L.Ft.
3' Pipe Parking Lot Divider	57	Sections
Sewer Pipe (4")	230	L.Ft.
Manhole	1	Ea.
(N.I.C.) #2 U.G. Cu. Elec. Wire	—	L.Ft.
3" Elec. Conduct	25	L.Ft.
2" Elec. Conduct	25	L.Ft.
(N.I.C.) 2" Water Service	—	L.Ft.
(N.I.C.) 3/4" Gas Line	—	L.Ft.
Adj. Water Shutoff Manhole	1	Ea.



Building N.I.C.
Floor Elev. 588.5



TYPICAL SECTION

SERVICE AREA PARKING LOT DETAIL

Not To Scale

SCALE: 1"=50'

LAKE MICHIGAN

WITNESSES

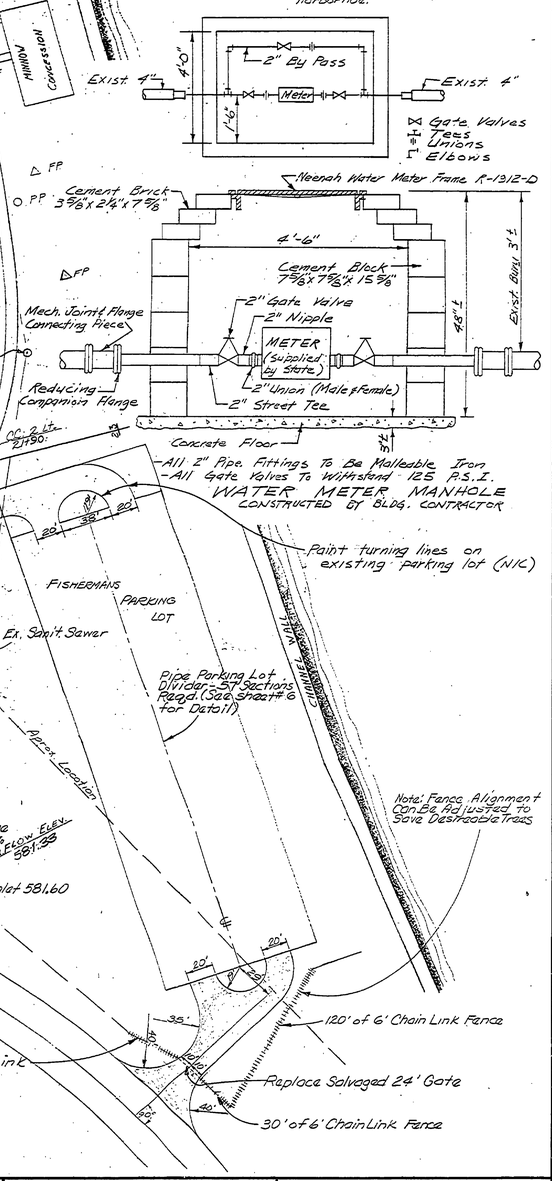
BOT Sta. 14+99.9, 3/4 Iron Pipe Flush with ground.
N 31°21' - Trans. Pole, Spike & Tag - 9.59'.
N 54° E - Power Pole, " - 10.15'.

ROE Sta. 23+35.59 Iron Pipe Flush With Ground
N 62° E, 8' Scope of Eng. Sign Post - 23.35'.
S 61° E, Eng. Guard Rail, Spike & Tag - 23.35'.
S 58°11' - E.D. Post of Corps of Eng. Sign 76.59'.
N 25' - Scarroll

BM #12 Elev. 592.64
S.E. Corner Concrete Slab S. Side of Pumping Station (City)

BM #13 Elev. 592.62
S.W. Corner Concrete Slab S. Side of Pumping Station (City)

BM #15 Elev. 592.00
N. Bolt in Hydrant Cap at Entrance to Fishermens Parking Lot at Harbor Ave.



Paint turning lines on existing parking lot (N.I.C.)

Note: Fence Alignment Can Be Adjusted to Save Desirable Trees

NEW BITUMINOUS SURFACE 175 #/SYD.

NEW BITUMINOUS OVER EXISTING PAVEMENT 100 #/SYD.

NEW CONCRETE SIDEWALK 4" UNIFORM

SURVEYED BY		DRAWN BY L. W. SMITH	NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	
DESIGNED BY		CHECKED BY	1.	1-26-70	JNN	Exit Rd widening & Add conduit	3.	11-24-70	BB	Added Water Meter Manhole	
	DATE		2.	5-1-70	GM	REVISED PARKING & BLDG. SITE	4.				

MICHIGAN
DEPARTMENT OF NATURAL RESOURCES

NEW CONSTRUCTION

SHEET NO. 5 OF 7
FOR PROJECT NO. PA-, LC-75-2499-061-C4

GRAND HAVEN STATE PARK
SHEET 5 OF 7 PLAN NO. E-108