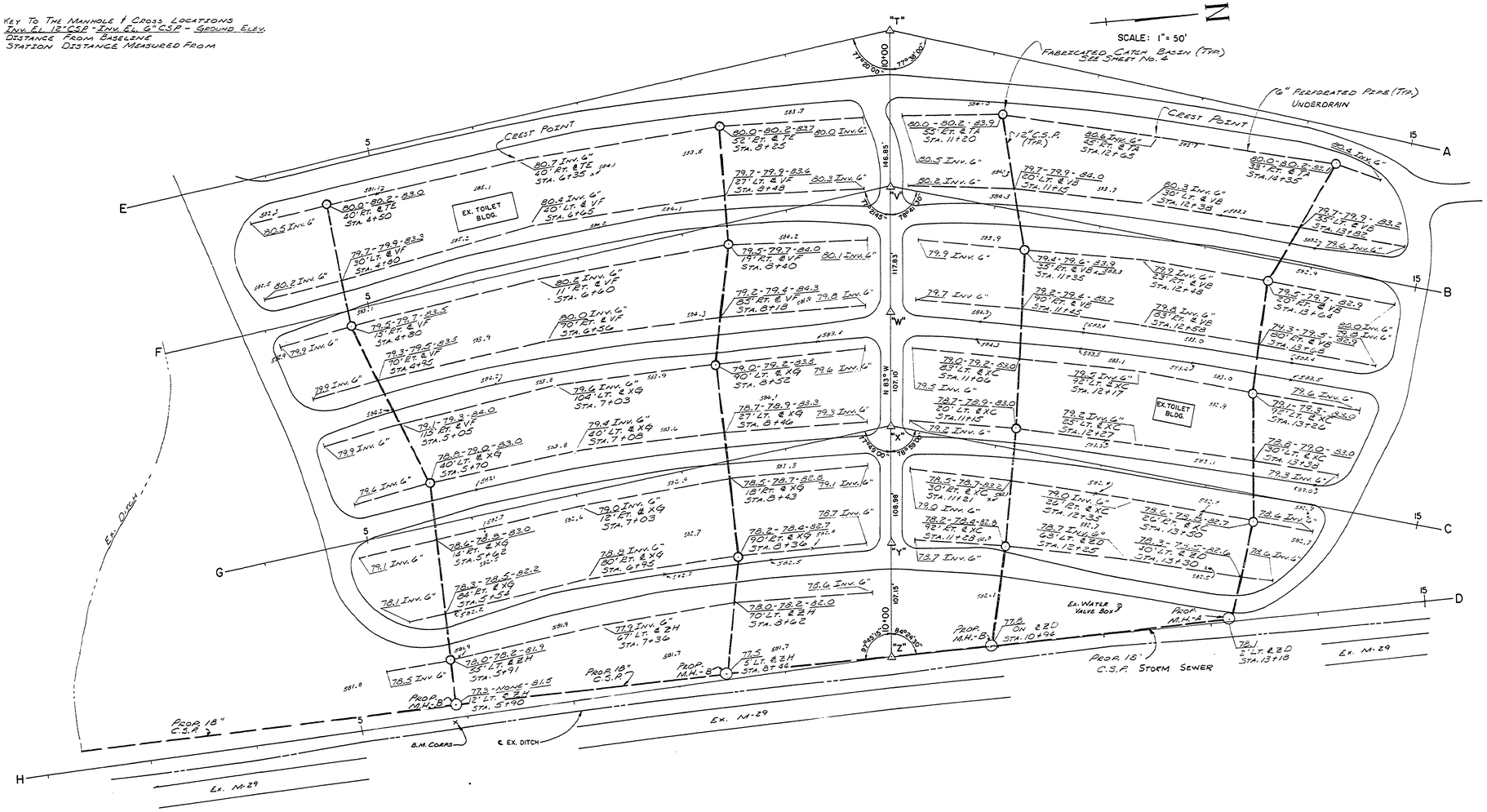
KEY TO THE MANHOLE & CROSS LOCATIONS
INV. EL. 12"CSP - INV. EL. 6" C.S.P. - GROUND ELEV.
DISTANCE FROM BASELINE
STATION DISTANCE MEASURED FROM



WITNESSES TO SURVEY POINT "T"
N 70° W 16.03' NAIL & RP TAG IN 5" ASH
S 17° W 24.19' NAIL & RP TAG IN 10" ASH
N 62° E 44.58' NAIL & RP TAG IN 7" ASH
3/8" PIPE

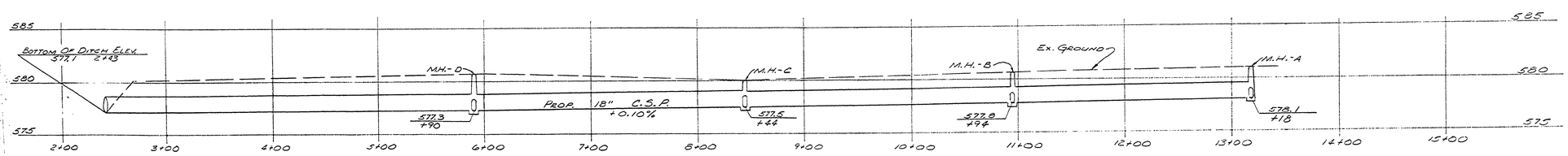
WITNESSES TO SURVEY POINT "Z"
S 50° E 13.29' NAIL & RP TAG IN 9" PEAR
N 12° E 41.35' NAIL & RP TAG IN 6" ASH
N 65° W 38.8' ELECTRIC BOX
EAST 38.9' ℄ M-29
3/8" PIPE

B.M. ELEV. 591.76
TOP BRASS TRIANGULATION STATION (CORPS OF ENG.) 4' RT. OF STA 58 ℄ "Z", 20' W. OF ℄ M-29 AND 100' N. OF S. END OF CAMPGROUND (CORPS DESIGNATION OBLITERATED)

LEGEND
⊙ CATCH BASIN
-+- CROSS FITTING
⊢ CAP END FITTING

NOTE:
ALL 6" PERF. C.S.P. LAYED AT GRADE OF 0.30%
ALL 12" C.S.P. LAYED AT GRADE OF 0.40%

NOTE:
USE TYP. CROSS SHOP FABRICATED C.S.P. FITTING WHEREVER 12" PIPE & 6" CROSSING (18 REQ'D.)
TO BE INCIDENTAL TO 12" PIPE.
ALL STORM SEWERS TO BE CONSTRUCTED BEFORE PLACING BIT. SURF ON ROADWAYS.



PROPOSED 18" C.S.P. PROFILE
SCALE: 1" = 50' HORZ.
1" = 5' VERT.

SURVEYED BY G. BILOW	7-79	DRAWN BY S. BANDY	8-79	NO.	DATE	BY	REVISIONS	NO.	DATE	BY	REVISIONS	MICHIGAN DEPARTMENT OF NATURAL RESOURCES	DRAINAGE SYSTEM PLAN
DESIGNED BY B. PEROOZ	8-79	CHECKED BY		1.				3.					SHEET TITLE
	DATE		DATE	2.				4.					

ALGONAC STATE PARK — AREA OR PARK
PAVING & DRAINAGE SYSTEM — PROJECT
PROJECT NO. 24-2022
SHEET 3 OF 4
PLAN NO. E 117