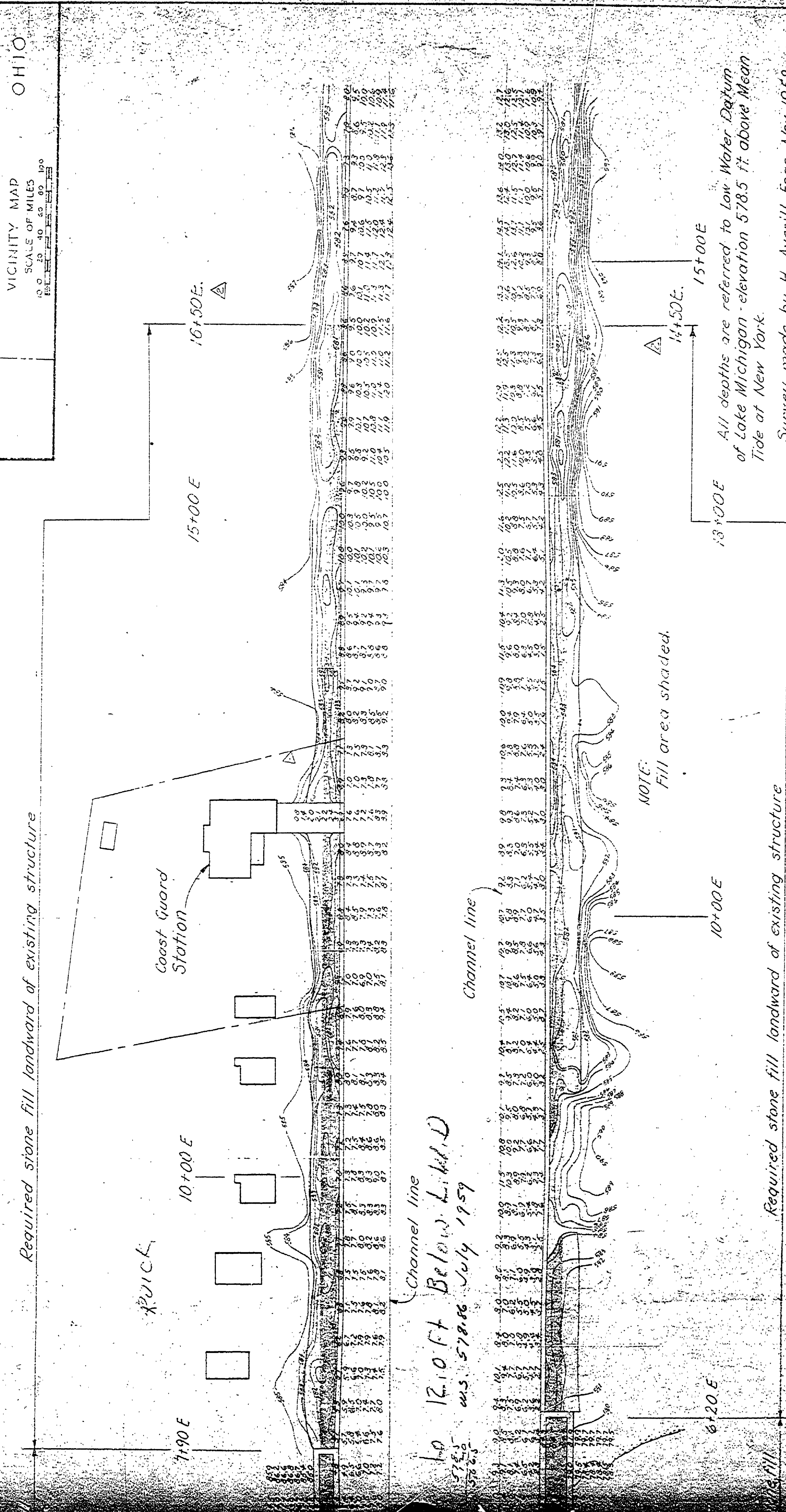


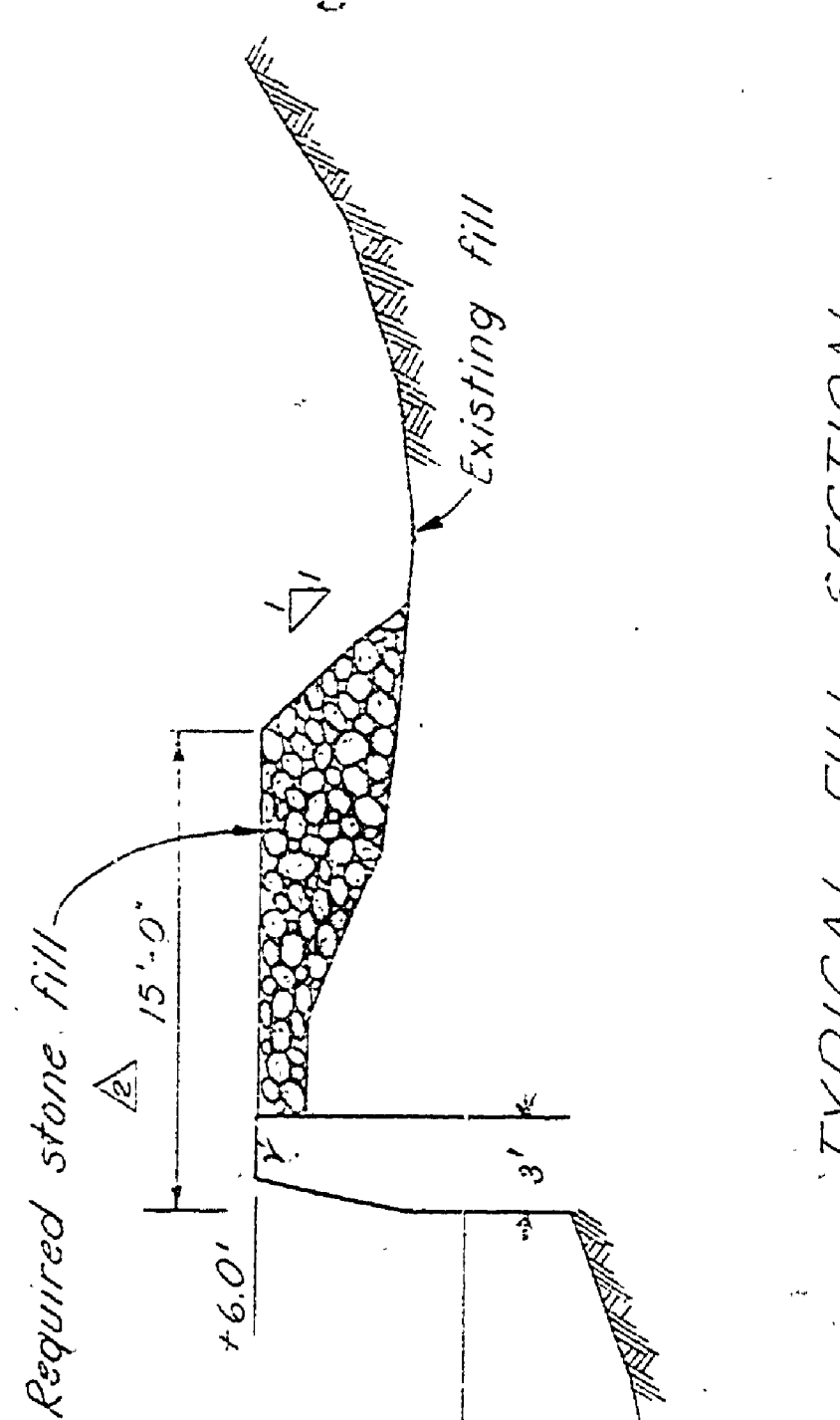
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Toe stone  
9 in min.  
2'-0" min.  
4'-0" max.



10 12.10 FT Below L.M.D  
ST. WS. 5780.6 July 1959

PLAN  
1"=50' 1"



TYPICAL FILL SECTION  
Scale: 1"=6'-0"  
Mears State Park  
E-109 P(x) CAB

NOTE:  
All depths are referred to low Water Datum of Lake Michigan - elevation 578.5 ft. above Mean Tide at New York.  
Survey made by H. Averill, Engr., Nov. 1958.  
See notebook "Pentwater #1".  
NOTE:  
Elevations on concrete were taken from survey of May, 1953 by M. Plimsek.

NO.	DATE	REVISION	BY
1	14 March 1959	Station revised	W. J. P. / J. S. P.
2	5 March 1959	Station revised	W. J. P. / J. S. P.

APPROVED  
W. J. P. / J. S. P.  
CHIEF DESIGN BRANCH  
ENGINEERING DIVISION

APPROVED  
W. J. P. / J. S. P.  
CHIEF ENGINEER  
ENGINEERING DIVISION

U.S. ARMY ENGINEER DISTRICT, DETROIT  
CORPS OF ENGINEERS  
DETROIT, MICHIGAN

PENTWATER HARBOR, MICHIGAN  
RUBBLE MOUND PIER EXTENSION  
RIPRAP AND STONE FILL  
GENERAL PLAN AND TYPICAL SECTIONS

SCALE AS SHOWN  
DATE: 4 MARCH 1959  
DRAWING NUMBER  
SHEET 1 OF 4  
14-10-10  
Invitation No. CIVENG - 20 - 064 - 59 - 72