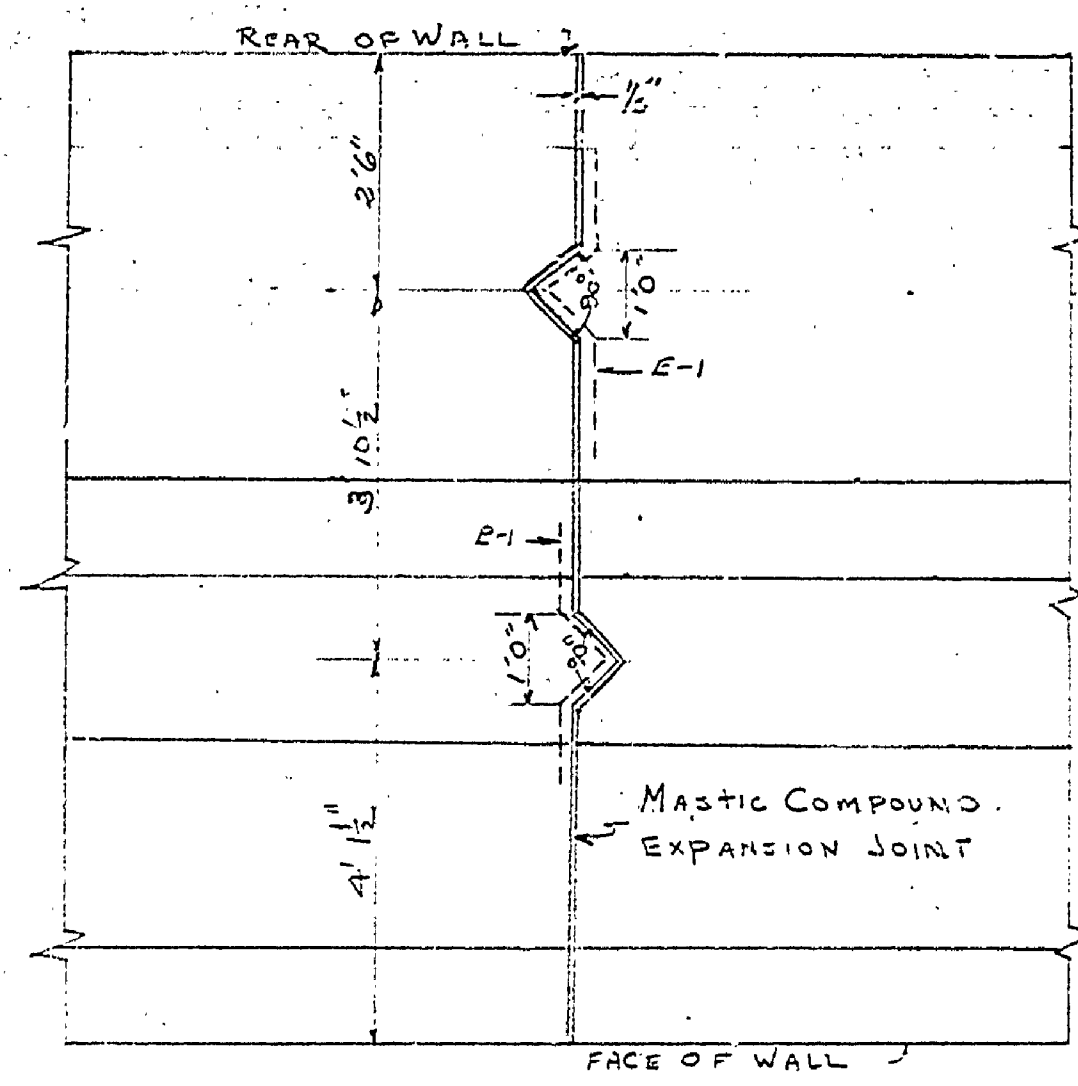
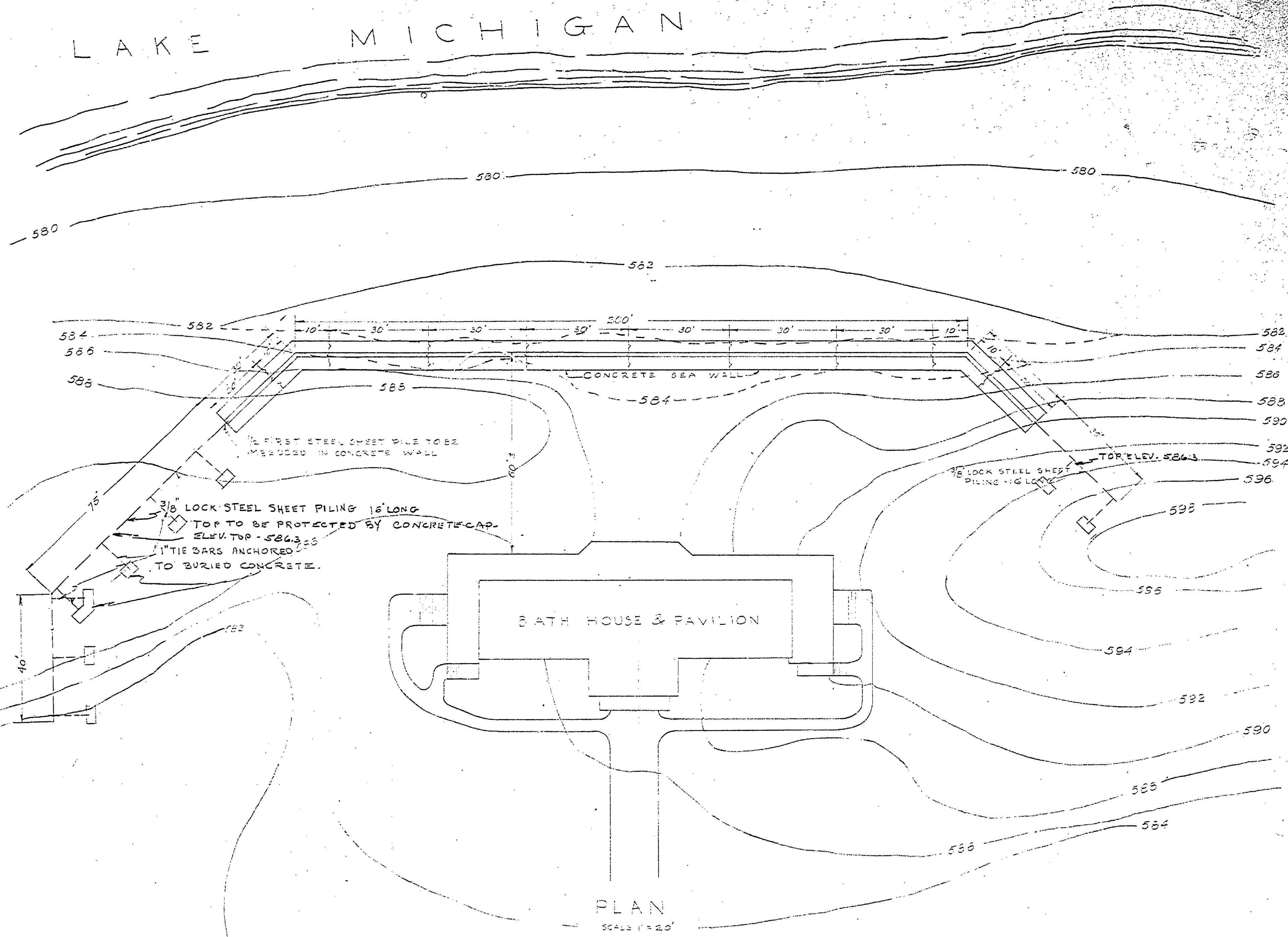


STEEL SCHEDULE						
MARK	SIZE	LENGTH	NO REQD	SPACING	WT./FT.	TOTAL WT.
B-1	3/8" φ	5' 0"	260	12"	1.05	2388.75
B-2	7/8" φ	3' 6"	300	5"	2.06	682.89
B-3	7/8" φ	10' 0"	425	7 1/2"	1.05	4494.00
B-4	1" φ	28' 10"	36	AS INDICATED	2.69	4148.96
B-5	7/8" φ	28' 10"	20	AS INDICATED	1.05	4068.23
F-1	3/4" φ	13' 0"	260	12"	1.52	5434.00
F-2	1/2" φ	15' 3"	260	12"	0.67	2654.55
F-3	3/8" φ	28' 10"	52	AS INDICATED	1.05	3525.80
D-1	3/4" φ	1' 3"	234	AS INDICATED	1.52	292.50
E-1	1/2" φ	3' 6"	117	12"	0.67	274.36

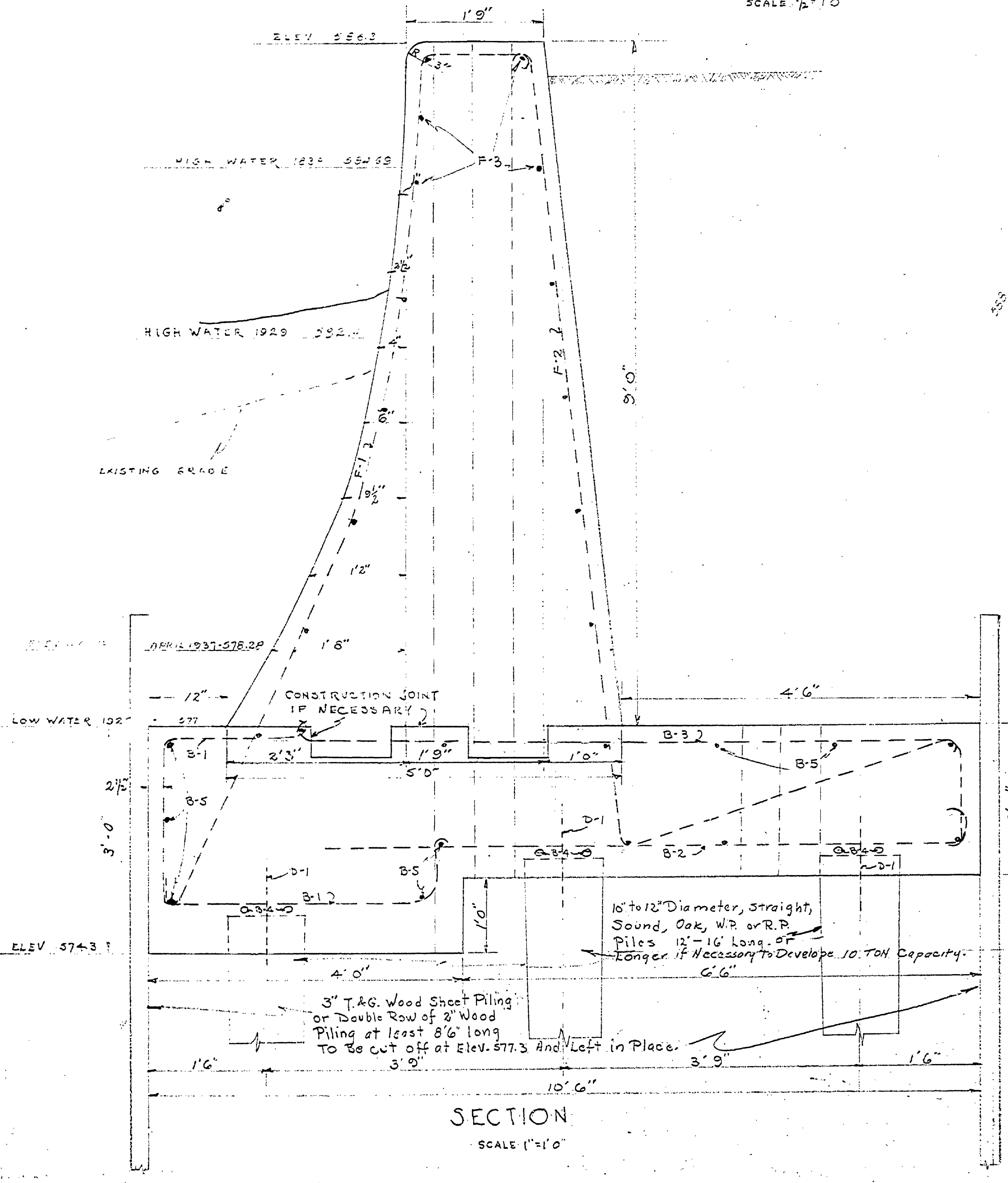
NOTE: 51.29 CU. FT. CONCRETE PER LIN. FT. OF WALL.
 CONCRETE TO BE 1:2:4 MIN.
 AGGREGATES MUST BE CLEAN, DENSE, HARD,
 DURABLE, STRUCTURALLY SOUND & INSOLUBLE.
 FINE & COARSE AGGREGATE MUST BE
 SEPARATED BEFORE MIXING TO INSURE
 PROPER PROPORTIONING OF THE MIX.
 ALL REINFORCING TO BE DEFORMED BARS.



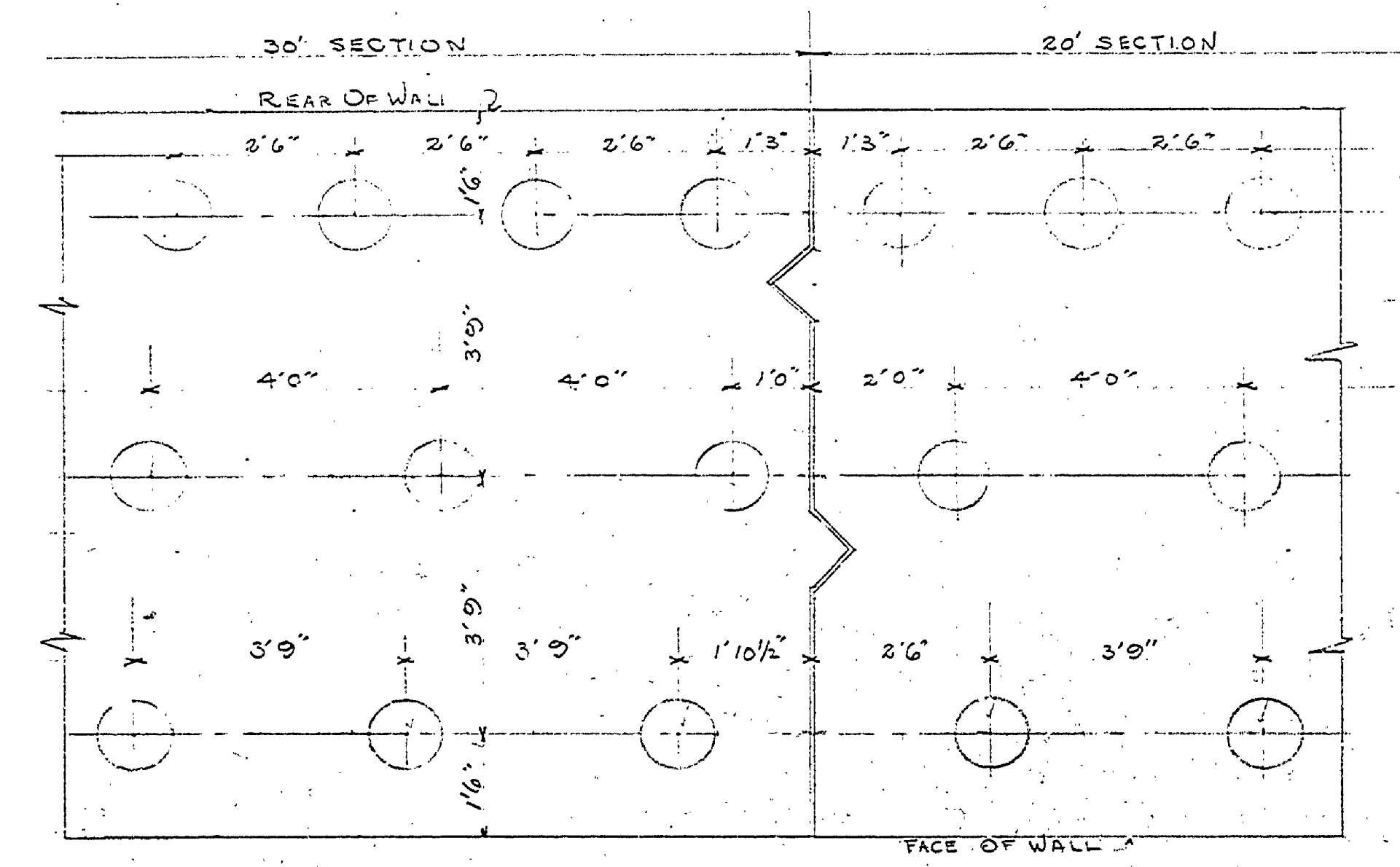
EXPANSION JOINT
 PLAN
 SCALE 1/2" = 1' 0"



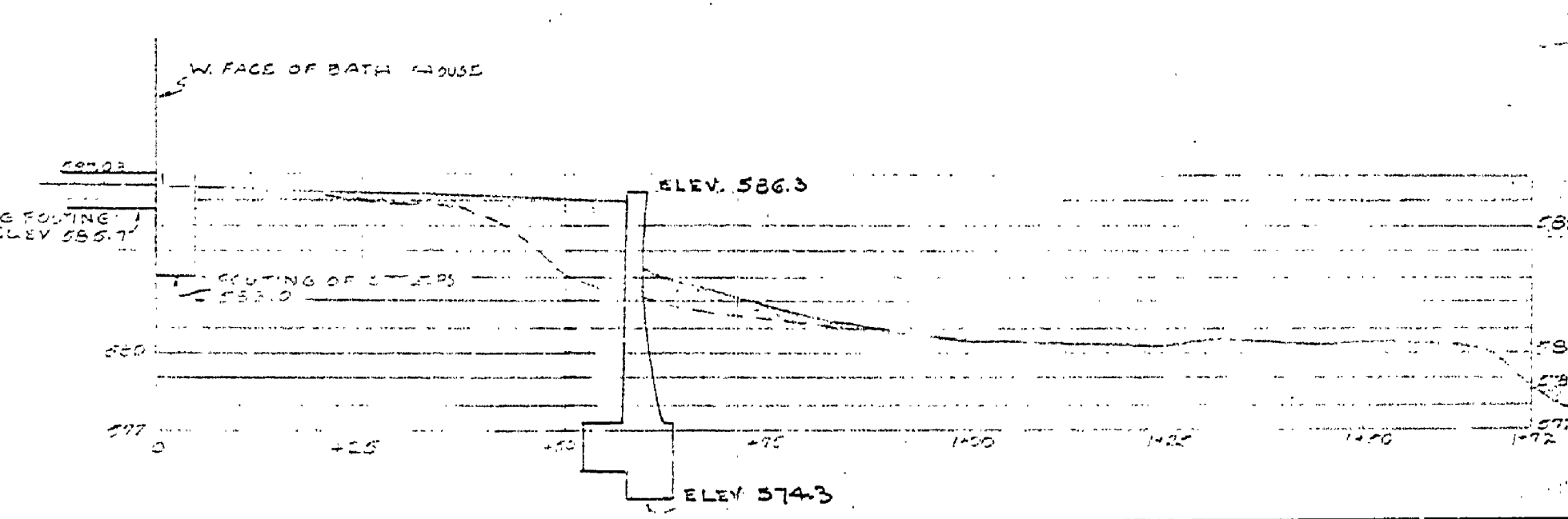
PLAN
 SCALE 1" = 20'



SECTION
 SCALE 1" = 1' 0"



PLAN
 SHOWING PILING LAYOUT
 SCALE 1" = 1' 0"



SECTION
 BATH HOUSE FOUNDATION
 SCALE 1" = 1' 0"

UNITED STATES
 DEPARTMENT OF THE INTERIOR
 NATIONAL PARK SERVICE
 COOPERATING WITH
 MICHIGAN
 DEPARTMENT OF CONSERVATION

LUDDINGTON STATE PARK
 JOB NO. 29 - WATER
 CONTROL STRUCTURES.

SCALE: AS INDICATED
 CAMP DESIGNATION: S.P.-2
 DATE: NOV 14 1937

PREPARED BY: *Stirling M. Smith*
 RECOMMENDED BY: *Stirling M. Smith*
 APPROVED BY: *Stirling M. Smith*

DATE: 5/14/37

