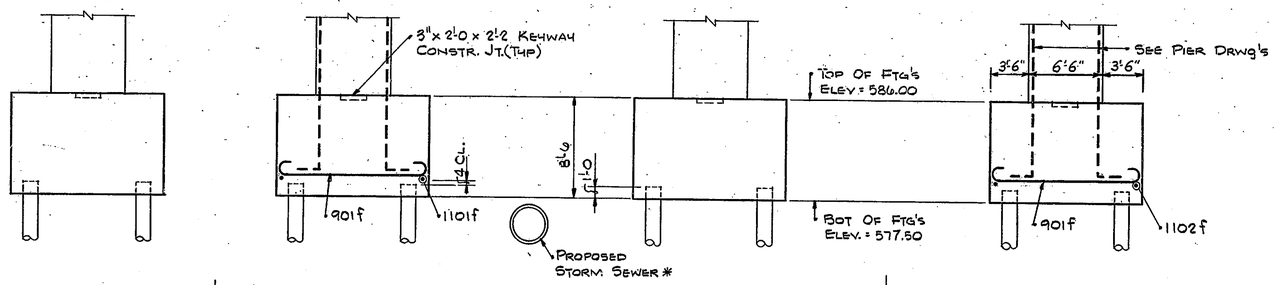
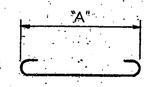
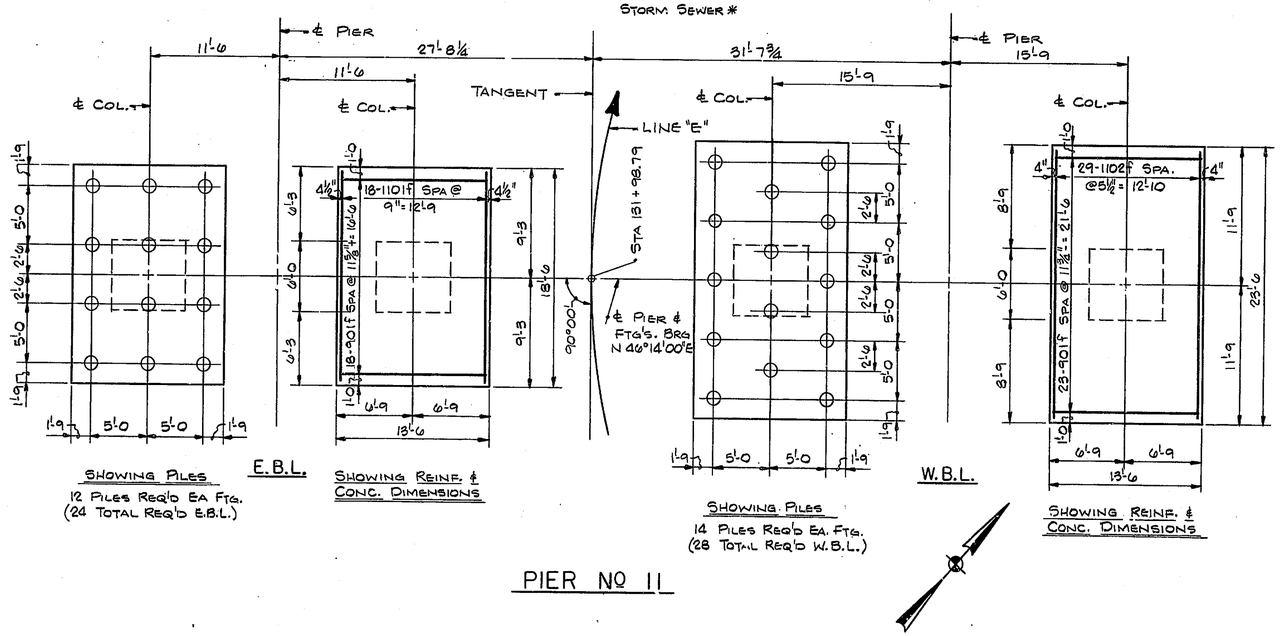




MARK	"A"	LENGTH
1101f	18'-0	21'-2
1102f	23'-0	26'-2
901f	13'-0	15'-6

BILL OF MATERIALS

REINFORCING STEEL			
SIZE & MARK	Nº OF BARS	LENGTH	WEIGHT (LBS.)
1101f	36	21'-2	
1102f	58	26'-2	
	TOTAL #11		12,112
901f	82	15'-6	
	TOTAL #9		4,321
	TOTAL REINF.		16,433
CONCRETE (f'c = 4000 P.S.I.)			C.Y.S
FTG'S E.B.L. 2 @ 78.6 EA.			157.2
FTG'S W.B.L. 2 @ 99.9 EA.			199.8
		TOTAL	357.0
MISCELLANEOUS			QTY.
52-HIGH CAPACITY PILE x 109 LFT. EA (APPROX)			5668 LFT.



SHOWING PILES
12 PILES REQ'D EA FTG.
(24 TOTAL REQ'D E.B.L.)

SHOWING REINF. & CONC. DIMENSIONS

SHOWING PILES
14 PILES REQ'D EA. FTG.
(28 TOTAL REQ'D W.B.L.)

SHOWING REINF. & CONC. DIMENSIONS

PIER Nº 11

NOTE:
FOR REINFORCING BAR NOTES, SEE BR. STD. C1.
FOR ADDITIONAL NOTES & DETAILS, SEE SHEET 201.
* LOCATION OF THIS LINE IS APPROXIMATE ONLY.
CONTRACTOR TO TAKE NECESSARY PRECAUTIONS DURING FOUNDATION EXCAVATION.

N.	REVISION	DATE

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

REID, QUEBE, ALLISON, WILCOX AND ASSOCIATES INC.
CONSULTING ENGINEERS
SEPT. 12, 1979

No. 13050 STATE OF INDIANA

WALSH CONSTRUCTION COMPANY
A DIVISION OF GUY F. ATKINSON CO.
DARIEN, CONNECTICUT

SHEET TITLE
PIER Nº 11 E.B.L. & W.B.L. FOOTING DETAILS

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 912-45-2546 CONTRACT NO. B-11612
INDIANA STATE HIGHWAY COMMISSION

SHEET N.
211
OF