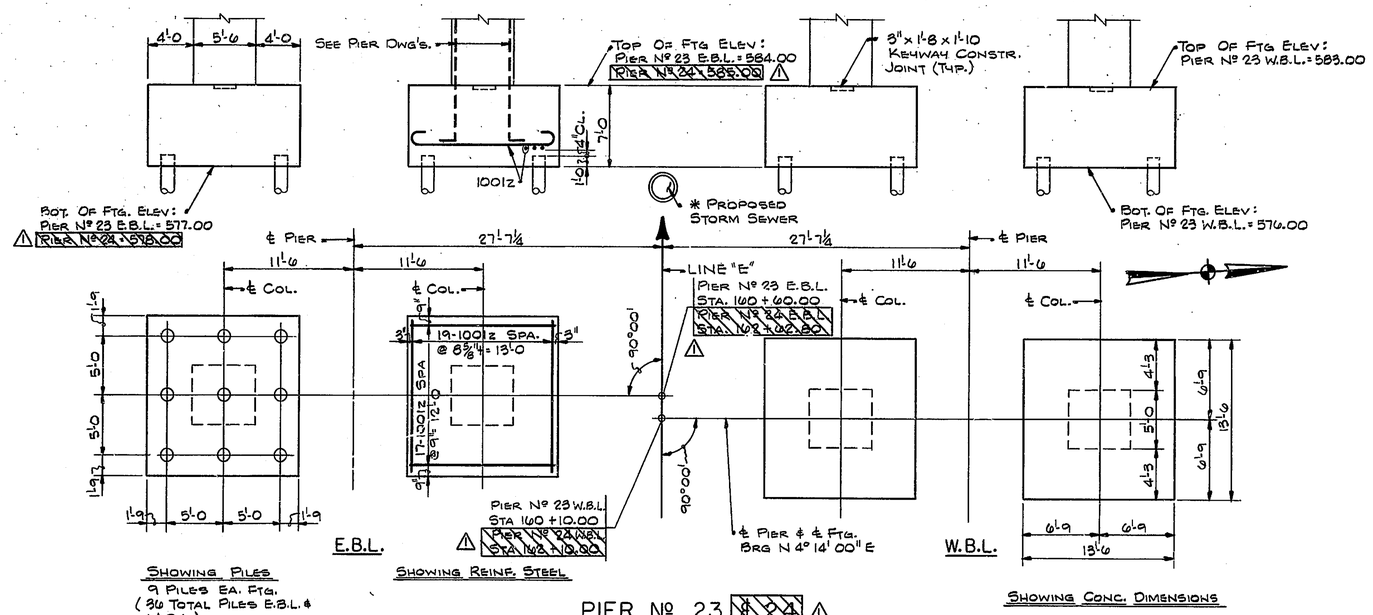
BILL OF MATERIALS

PIER Nº 23			
REINFORCING STEEL			
SIZE & MARK	Nº OF BARS	LENGTH	WEIGHT (LBS.)
1001z	144	15'-10	
	TOTAL REINF.		9811
CONCRETE (f'_c=4,000 PSI)			C45
FTG's. E.B.L. 2 @ 47.3			94.6
FTG's. W.B.L. 2 @ 47.3			94.6
TOTAL FTG. CONC			189.2
MISCELLANEOUS			QTY.
PIER Nº 23 E.B.L. 18 HIGH CAPACITY PILES x 78' LFT. EA. (APPROX.)			1404 LFT.
PIER Nº 23 W.B.L. 18 HIGH CAPACITY PILES x 77' LFT. EA. (APPROX.)			1386 LFT.
⚠ ~~PIER Nº 24 E.B.L. & W.B.L. 36 HIGH CAPACITY PILES x 79' LFT. EA. (APPROX.)~~			~~2844 LFT.~~
30 STEEL PIPE SLEEVES x 60 LFT. EA			2160 LFT.

⚠ ~~NOTE: PIER Nº 24 SAME UNLESS OTHERWISE NOTED.~~

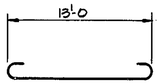


SHOWING PILES
9 PILES EA. FTG.
(36 TOTAL PILES E.B.L. & W.B.L.)

SHOWING REINF. STEEL

SHOWING CONC. DIMENSIONS

PIER Nº 23 ~~& 24~~ ⚠
SCALE 3/16" = 1'-0



1001z X 15'-10

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

N.	REVISION	DATE
⚠	DELETED PIER Nº 24 E.B.L. & W.B.L.	9/10/85

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 23 ~~& 24~~ ⚠ E.B.L. & W.B.L. FOOTING DETAILS

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 912-46-2548 CONTRACT NO. B-11812 INDIANA STATE HIGHWAY COMMISSION

SHEET N.
220