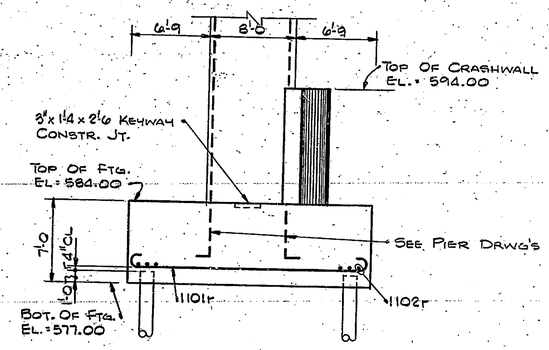
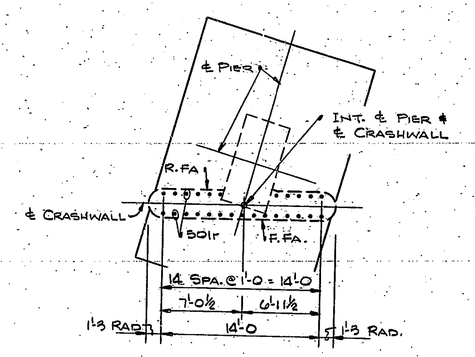
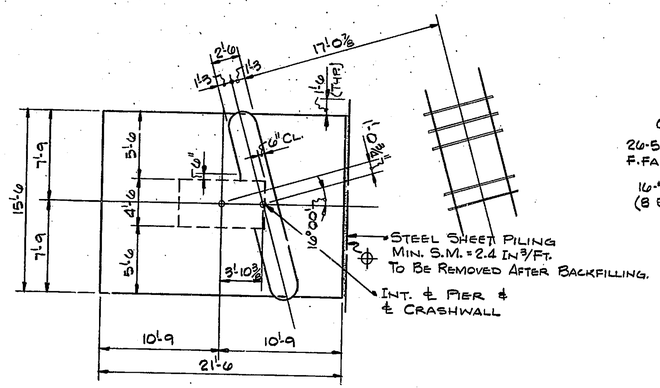
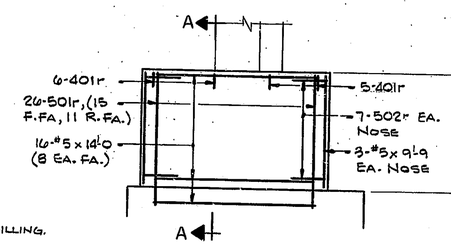


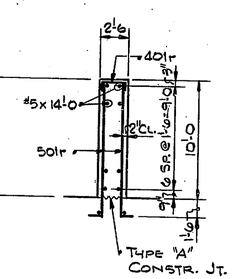




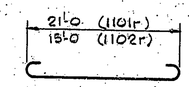
Showing Conc. Dimensions & Crashwall Tie-Up



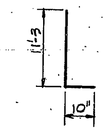
CRASHWALL DETAIL
Scale 3/16" = 1'-0



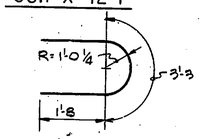
SECTION A-A
Scale 3/16" = 1'-0



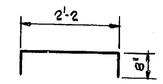
1101r X 24'-2
1102r X 18'-2



501r X 12'-1



502r X 6'-7



401r X 3'-6

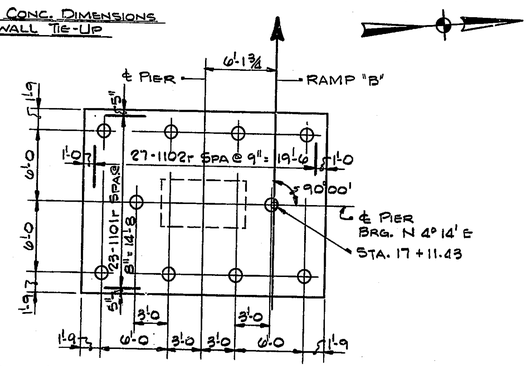
BILL OF MATERIALS

REINFORCING STEEL			
Size & Mark	No. of Bars	Length	Weight (Lbs.)
1101r	23	24'-2	
1102r	27	18'-2	
	Total #11		5,559
501r	26	12'-1	
502r	14	6'-7	
#5	16	14'-0	
#5	6	9'-9	
	Total #5		718
401r	11	3'-6	
	Total #4		26
	Total Reinf.		6,303
Concrete (f'c = 4000 psi)			Cys.
Ftg. Conc.			87.4
Crashwall			12.6
Miscellaneous			Qty.
10 High Capacity Piles @ 85 Lft. Ea. Approx.			850 Lft.
Steel Sheet Piling			222 Sft.

⊕ Includes 1.0 cys Additional Conc. Btwn. Sheet Piling & Footing

Notes

For Type "A" Constr. Jt., See Br. Std. C3.
For Reinf. Bar Notes, See Br. Std. C1.
For Additional Notes & Details, See Sheet 201.



Showing Piles & Ftg. Reinf.
10 Piles Req'd.

PIER No 302
Scale 3/16" = 1'-0

N.	REVISION	DATE

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

REID, QUEBE, ALLISON, WILCOX AND ASSOCIATES INC.
CONSULTING ENGINEERS
APRIL 24, 1980

HAMAN D. PAYEL
REGISTERED
No. 13050
STATE OF INDIANA
PROFESSIONAL ENGINEER

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

SHEET TITLE
PIER No 302 FOOTING & CRASHWALL DETAILS

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

SHEET N.
235