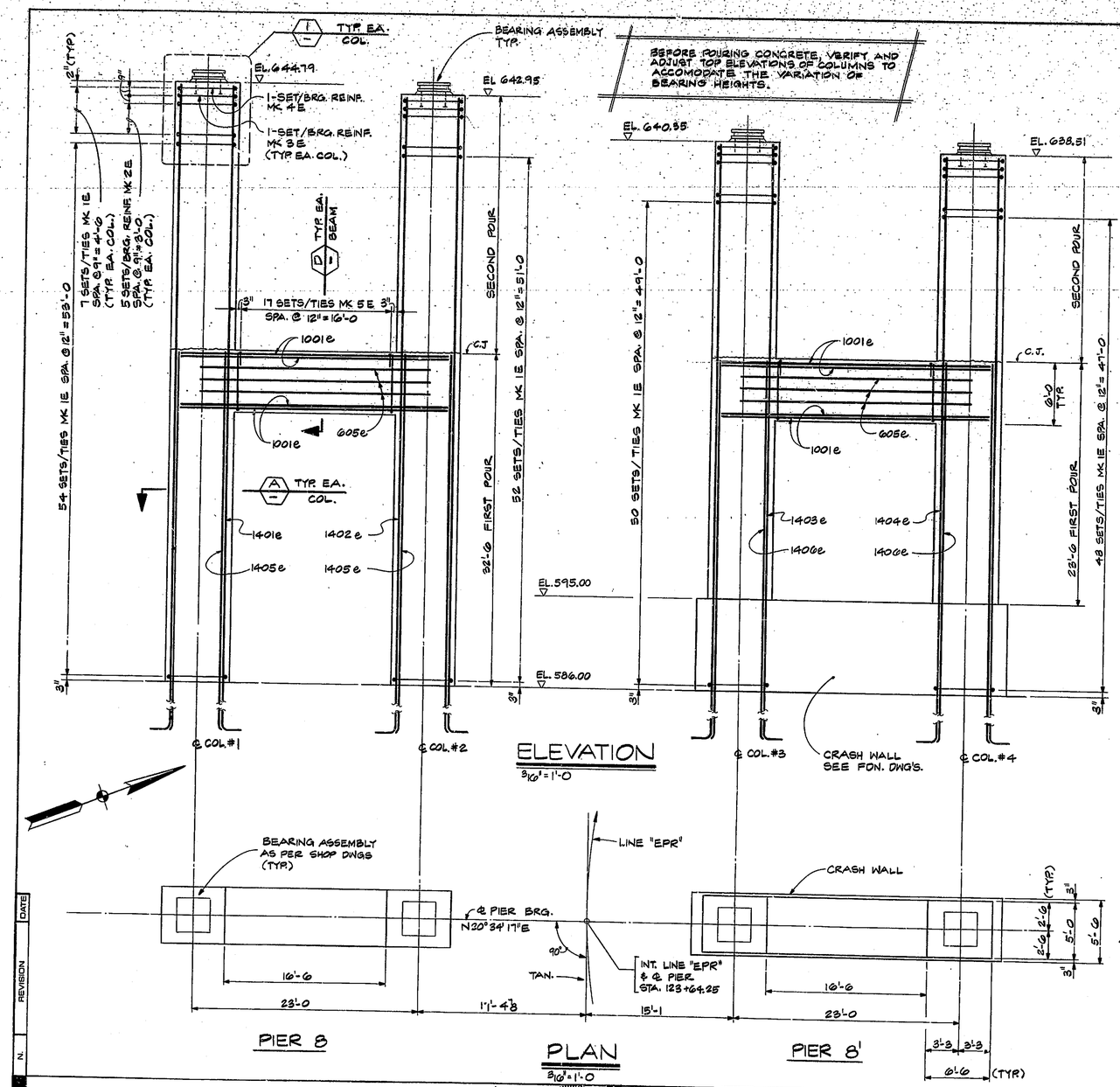
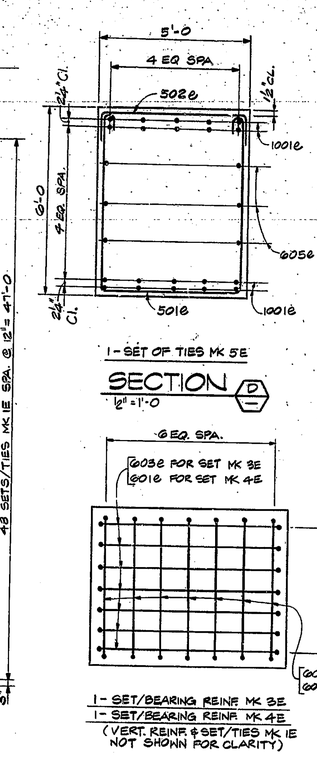


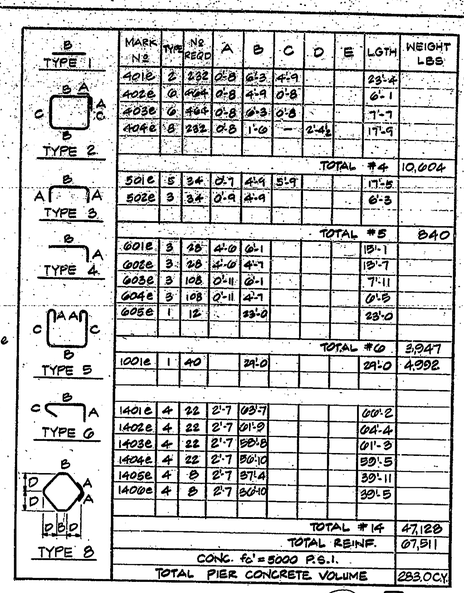
BEFORE POURING CONCRETE, VERIFY AND ADJUST TOP ELEVATIONS OF COLUMNS TO ACCOMODATE THE VARIATION OF BEARING HEIGHTS.

ELEVATION
3/16" = 1'-0

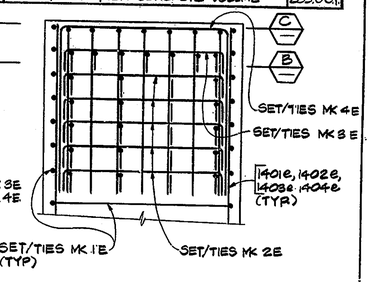


SECTION D
½" = 1'-0

SECTION
½" = 1'-0

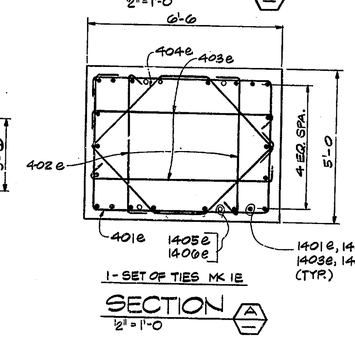


MARK N2	TYPE	N2 REQ'D	A	B	C	D	E	LGTH	WEIGHT LBS
401e	2	232	0'-8	6'-3	4'-9			23'-4	
402e	2	464	0'-8	4'-9	0'-8			6'-1	
403e	2	464	0'-8	6'-3	0'-8			7'-7	
404e	8	232	0'-8	1'-6	—	2'-4½		17'-9	
							TOTAL #4		10,604
501e	5	34	0'-7	4'-9	5'-9			17'-5	
502e	3	34	0'-9	4'-9				6'-3	
							TOTAL #5		840
601e	3	28	4'-0	6'-1				13'-1	
602e	3	28	4'-0	4'-7				13'-7	
603e	3	108	0'-11	6'-1				7'-11	
604e	3	108	0'-11	4'-7				6'-5	
605e	1	12		23'-0				23'-0	
							TOTAL #6		3,947
1001e	1	40		24'-0				24'-0	4,992
1401e	4	22	2'-7	60'-7				66'-2	
1402e	4	22	2'-7	61'-9				64'-4	
1403e	4	22	2'-7	59'-8				61'-3	
1404e	4	22	2'-7	60'-10				59'-5	
1405e	4	8	2'-7	37'-4				39'-11	
1406e	4	8	2'-7	60'-10				39'-5	
							TOTAL #14		47,128
							TOTAL REINF.		67,911
							CONC. f'c = 5000 P.S.I.		
							TOTAL PIER CONCRETE VOLUME		283.0 C.Y.

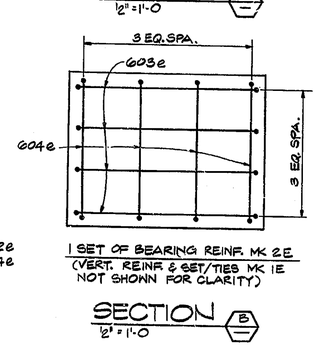


DETAIL C
½" = 1'-0

PLAN
3/16" = 1'-0



SECTION A
½" = 1'-0



SECTION B
½" = 1'-0

N.	REVISION	DATE

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

REID, QUEBE, ALLISON, WILCOX AND ASSOCIATES INC.
CONSULTING ENGINEERS

T. Y. Lin
9-12-1979

REGISTERED T. Y. LIN No. 18266 STATE OF INDIANA PROFESSIONAL ENGINEER

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

SHEET TITLE

PIER No. 8 E.B.L. AND W.B.L. COLUMN DETAILS

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 912-45-2546 CONTRACT NO. 8-11612
INDIANA STATE HIGHWAY COMMISSION

SHEET N.
305