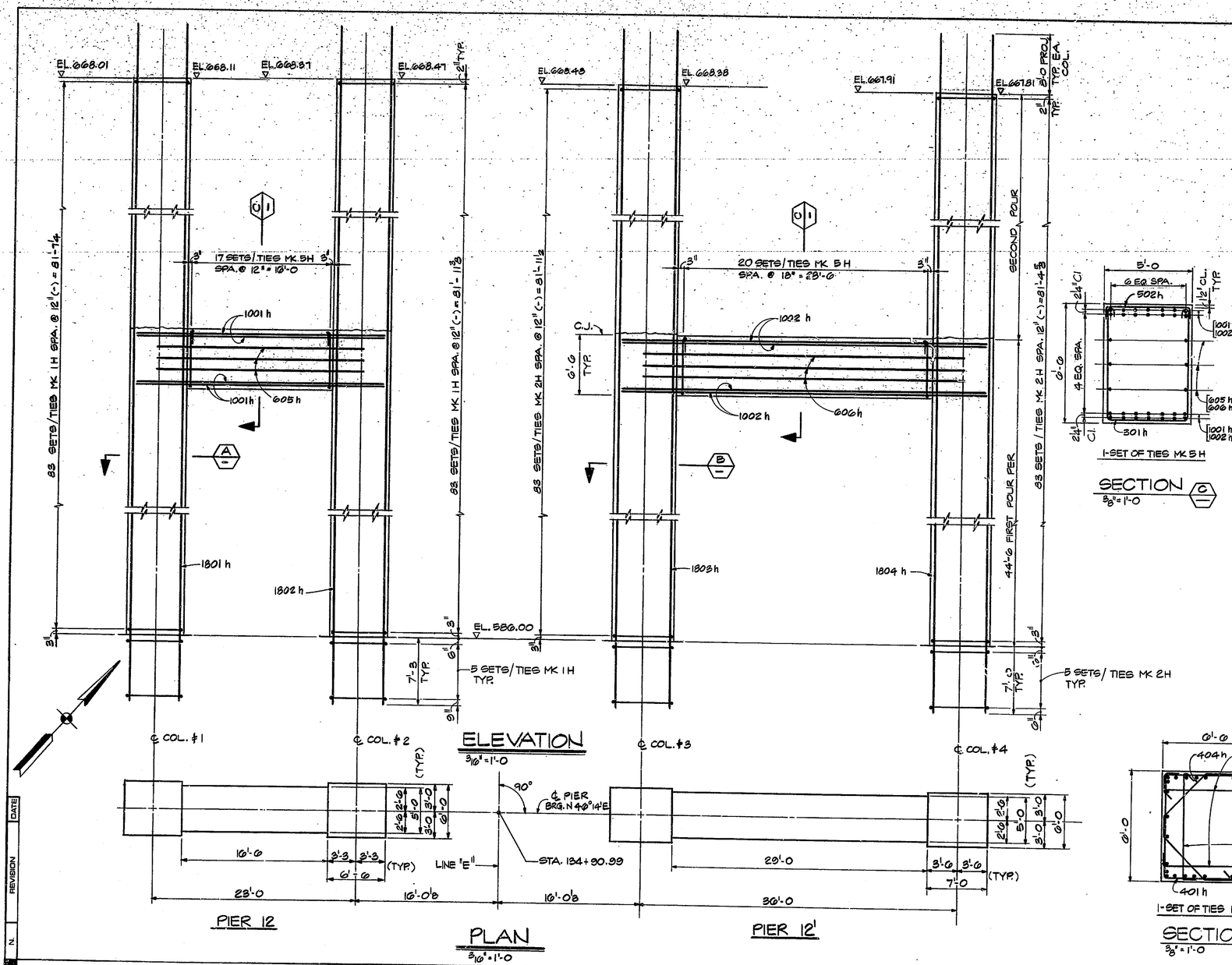
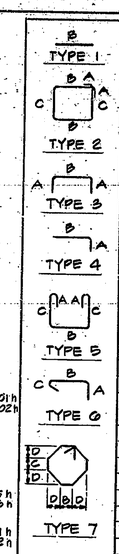
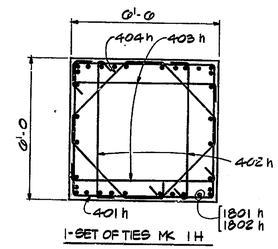


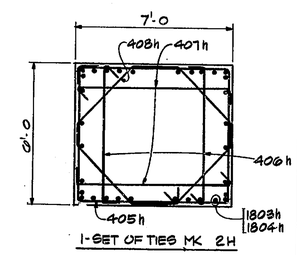


MARK Nº	TYPE	Nº REQ'D	A	B	C	D	E	LGTH	WEIGHT LBS.
PIER No. 12									
401 h	2	176	0'-8	6'-3	5'-9			25'-4	
402 h	6	352	0'-8	5'-9	0'-8			7'-1	
403 h	6	352	0'-8	6'-3	0'-8			7'-7	
404 h	7	176	0'-8	1'-7	1'-1	2'-4		19'-10	
TOTAL # 4									8,700
501 h	5	17	0'-7	4'-9	6'-3			18'-5	
502 h	3	17	0'-9	4'-9				6'-3	
TOTAL # 5									438
605 h	1	6		23'-0				23'-0	207
1001 h	1	28		24'-0				24'-0	3,494
1801 h	1	32		97'-3				97'-3	
1802 h	1	32		97'-7				97'-7	
TOTAL # 18									84,700
TOTAL REINF.									97,059
CONC. f'_c = 5000 P.S.I.									
TOTAL PIER CONCRETE VOLUME									257.5CY.
PIER No. 12'									
405 h	2	176	0'-8	6'-9	5'-9			26'-4	
406 h	6	352	0'-8	5'-9	0'-8			7'-1	
407 h	6	352	0'-8	6'-9	0'-8			8'-1	
408 h	7	176	0'-8	2'-1	1'-1	2'-4		20'-10	
TOTAL # 4									9118
501 h	5	20	0'-7	4'-9	6'-3			18'-5	
502 h	3	20	0'-9	4'-9				6'-3	
TOTAL # 5									515
606 h	1	6		26'-0				26'-0	525
1002 h	1	28		42'-6				42'-6	5,120
1803 h	1	32		97'-4				97'-4	
1804 h	1	32		90'-10				90'-10	
TOTAL # 18									84,503
TOTAL REINF.									99,570
CONC. f'_c = 5000 P.S.I.									
TOTAL PIER CONCRETE VOLUME									290.5CY.



1-SET OF TIES MK 1H

SECTION A
3/8" = 1'-0



1-SET OF TIES MK 2H

SECTION B
3/8" = 1'-0

ISSUED FOR APPROVAL
9-4-79

N.	REVISION	DATE

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

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

T.Y. Lin

T. Y. LIN REGISTERED No. 15266 STATE OF INDIANA PROFESSIONAL ENGINEER

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

SHEET TITLE

PIER No. 12 E.B.L. AND W.B.L. COLUMN DETAILS

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 912-45-2548 CONTRACT NO. 8-11612
INDIANA STATE HIGHWAY COMMISSION

SHEET N.
308