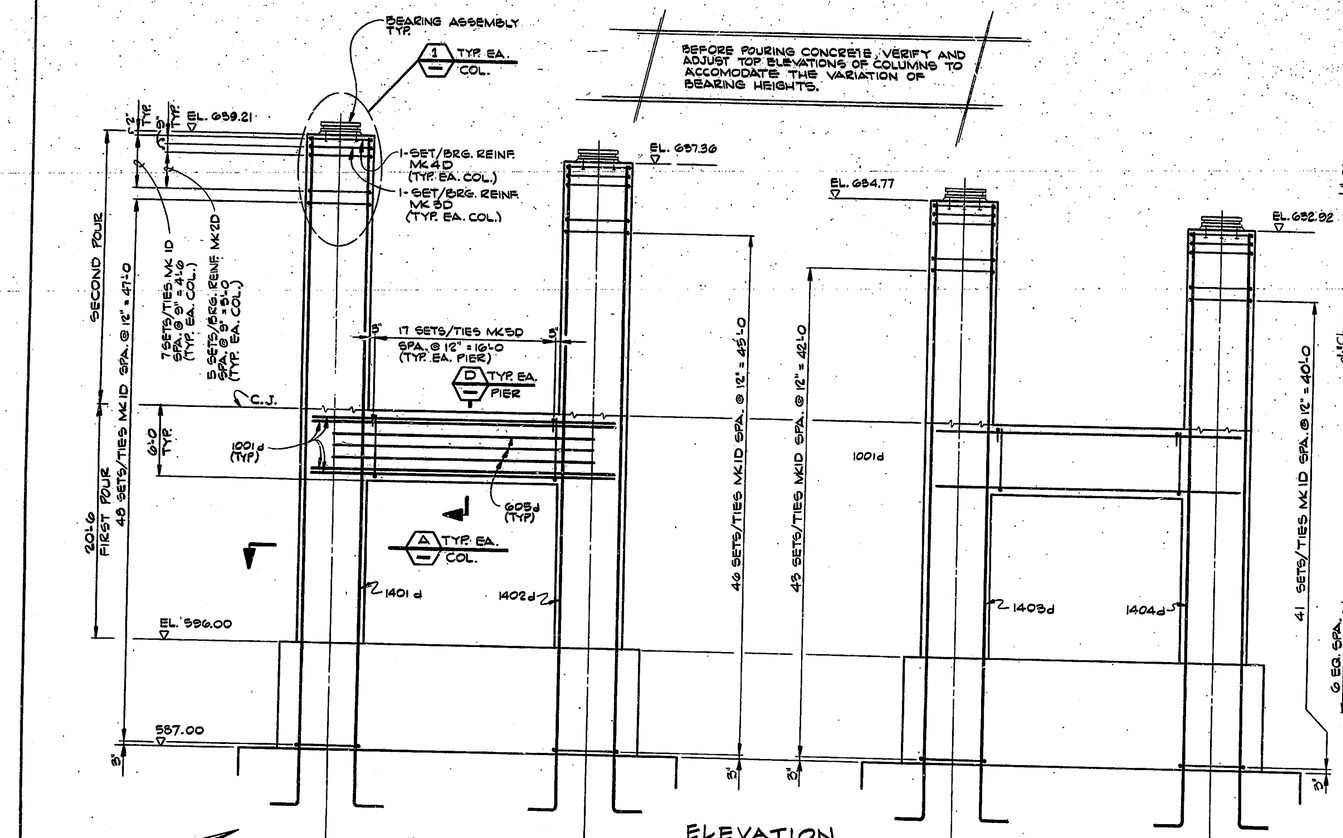
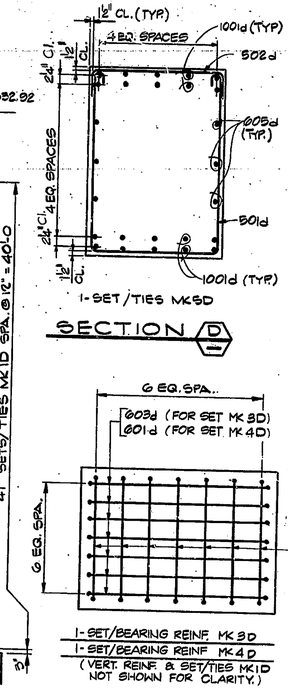
BEFORE POURING CONCRETE, VERIFY AND ADJUST TOP ELEVATIONS OF COLUMNS TO ACCOMODATE THE VARIATION OF BEARING HEIGHTS.

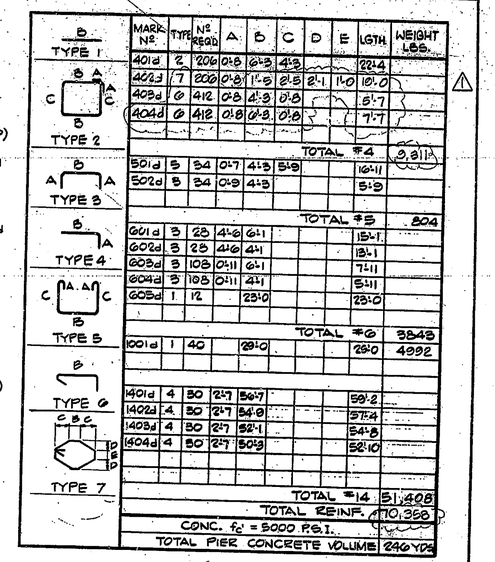


ELEVATION
3/16" = 1'-0



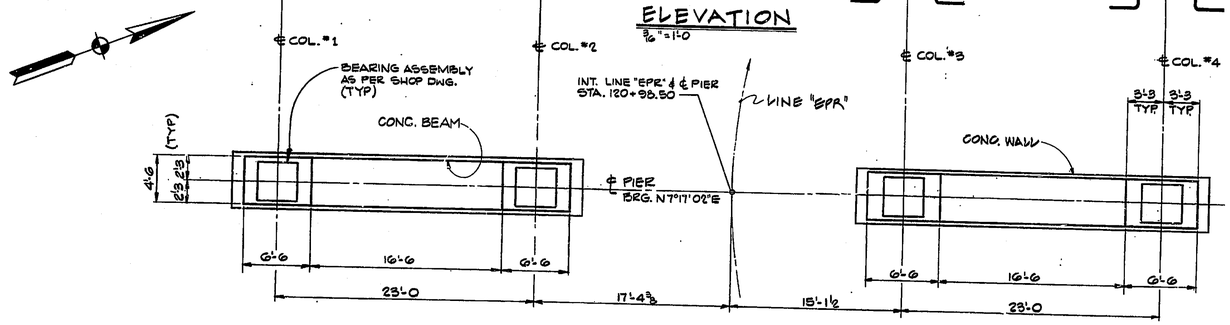
SECTION D

SECTION C
1/2" = 1'-0

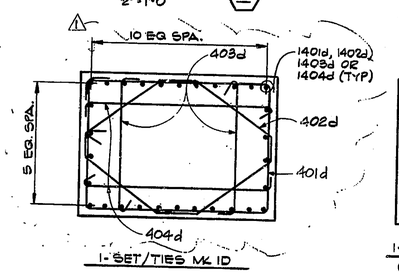


MARK No.	TYPE	No. REQD	A	B	C	D	E	LGTH.	WEIGHT LBS.
401d	2	206	0'-8	6'-3	4'-3			22'-4	
402d	7	202	0'-8	1'-5	2'-5	2'-1	1'-0	10'-0	
403d	6	412	0'-8	4'-3	0'-8			5'-7	
404d	6	412	0'-8	0'-8	0'-8			7'-7	
							TOTAL #4		9,811#
501d	5	34	0'-7	4'-3	5'-9			10'-11	
502d	5	34	0'-9	4'-3				5'-9	
							TOTAL #5		804
601d	3	28	4'-6	6'-1				15'-1	
602d	3	28	4'-6	4'-1				12'-1	
603d	3	108	0'-11	6'-1				7'-11	
604d	3	108	0'-11	4'-1				5'-11	
605d	1	12		23'-0				23'-0	
							TOTAL #6		3848
1001d	1	40		29'-0				29'-0	4992
1401d	4	50	2'-7	56'-7				59'-2	
1402d	4	50	2'-7	54'-0				57'-4	
1403d	4	50	2'-7	52'-1				54'-8	
1404d	4	50	2'-7	50'-3				52'-10	
							TOTAL #14		51,408
							TOTAL REINF.		70,368
							CONC. f'c = 5000 P.S.I.		
							TOTAL PIER CONCRETE VOLUME		240 YDS

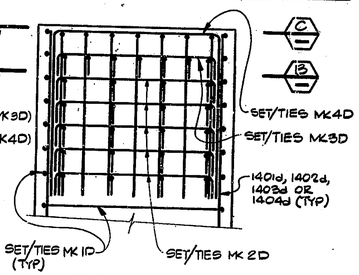
TYPE 1 · TYPE 2 · TYPE 3 · TYPE 4 · TYPE 5 · TYPE 6 · TYPE 7



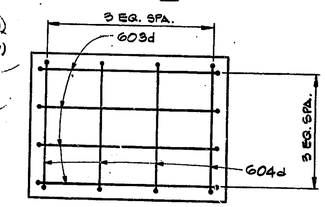
PIER-7 · PLAN 3/16" = 1'-0 · PIER-7'



SECTION A
1/2" = 1'-0



DETAIL 1
1/2" = 1'-0



1-SET/BEARING REINF. MK 2D
(VERT. REINF. & SET/TIES MK 1D NOT SHOWN FOR CLARITY.)

SECTION B
1/2" = 1'-0

REVISED 4-10-80

Rev 10-3-79 Section D

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

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

T. Y. Lin
JULY 20, 1979

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

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

SHEET TITLE
PIER No. 7 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.
304

N. | REVISION | DATE