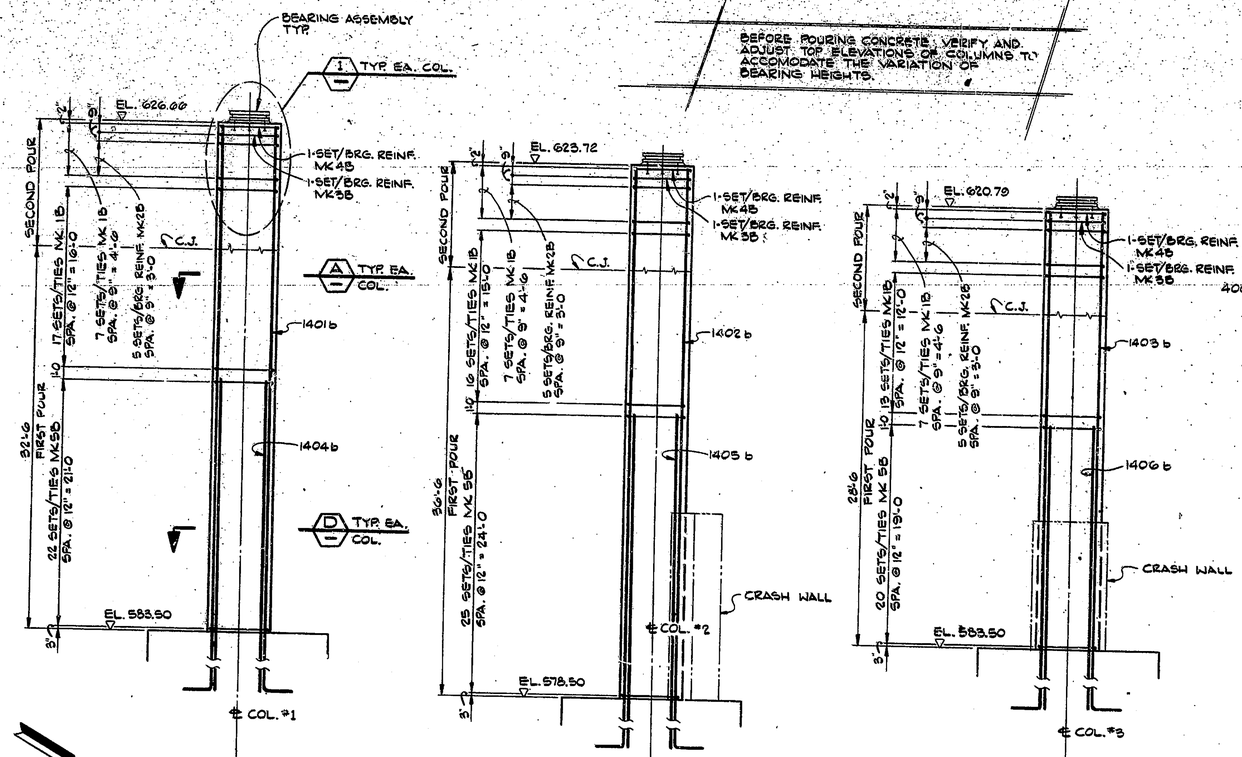
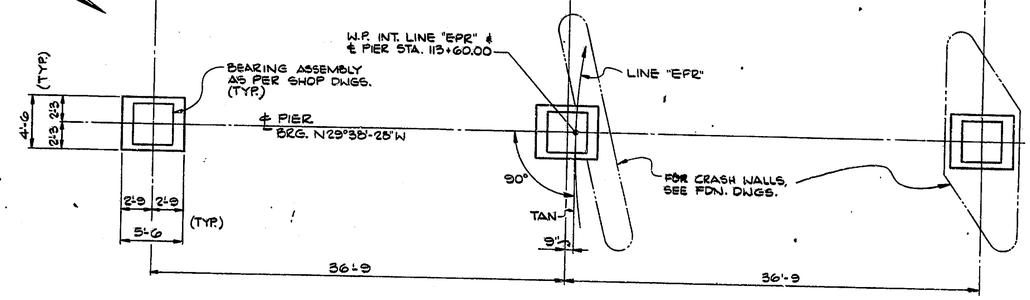
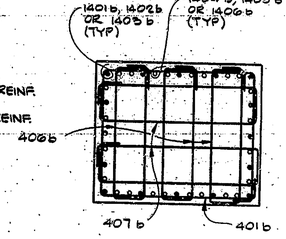
BEFORE POURING CONCRETE, VERIFY AND ADJUST TOP ELEVATIONS OF COLUMNS TO ACCOMODATE THE VARIATION OF BEARING HEIGHTS.



ELEVATION
3/16" = 1'-0

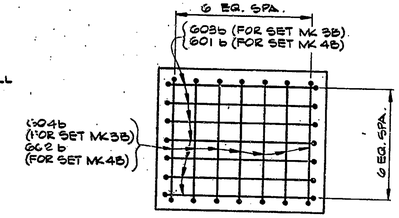


PLAN
3/16" = 1'-0



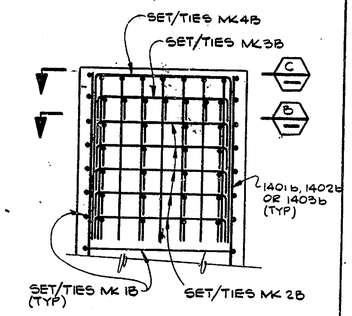
1-SET OF TIES MK 5B

SECTION D
1/2" = 1'-0

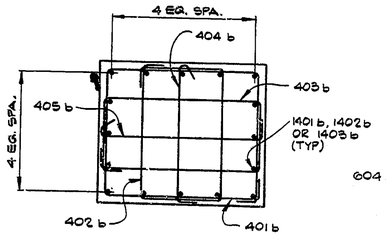


1-SET/BEARING REINF. MK 3B
1-SET/BEARING REINF. MK 4B
(VERT. REINF. & SET/TIES MK1B NOT SHOWN FOR CLARITY)

SECTION C
1/2" = 1'-0

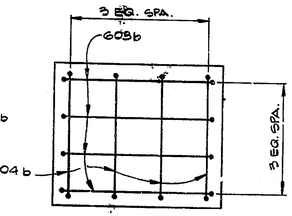


DETAIL 1
1/2" = 1'-0



1-SET OF TIES MK 1B

SECTION A
1/2" = 1'-0



1-SET/BEARING REINF. MK2B
(VERT. REINF. & SET/TIES MK 1B NOT SHOWN FOR CLARITY)

SECTION B
1/2" = 1'-0

MARK Nº	TYPE	Nº REQ'D	A	B	C	D	E	LGTH.	WEIGHT LBS.
401b	2	134	0'-8	5'-3	4'-3			20'-4	
402b	2	67	0'-8	2'-9	4'-3			15'-4	
403b	2	67	0'-8	5'-3	2'-3			16'-4	
404b	6	67	0'-8	4'-3	0'-8			5'-7	
405b	6	67	0'-8	5'-3	0'-8			6'-7	
406b	2	201	0'-8	1'-1	4'-3			12'-0	
407b	2	134	0'-8	5'-3	1'-3			14'-4	
								TOTAL #4	6676
601 b	3	21	4'-6	5'-1				14'-1	
602b	3	21	4'-6	4'-1				13'-1	
603b	3	81	0'-11	5'-1				6'-11	
604b	3	81	0'-11	4'-1				5'-11	
								TOTAL #6	1646
1401b	4	16	2'-7	49'-0				51'-7	
1402b	4	16	2'-7	51'-1				53'-8	
1403b	4	16	2'-7	43'-8				45'-9	
1404b	1	24	-	27'-3				27'-3	
1405b	1	24	-	30'-3				30'-3	
1406b	1	24	-	25'-3				25'-3	
								TOTAL #14	33696
TOTAL REINF.									42018
CONCRETE $f_c' = 5000$ PSI									
TOTAL PIER CONCRETE VOLUME									115.4 C.Y.

REVISED 12-14-79, DELETE THIS SHEET

N. | REVISION | DATE

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

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

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. 4 COLUMN DETAILS

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 812-45-2546 CONTRACT NO. 8-11612
INDIANA STATE HIGHWAY COMMISSION

SHEET N

302