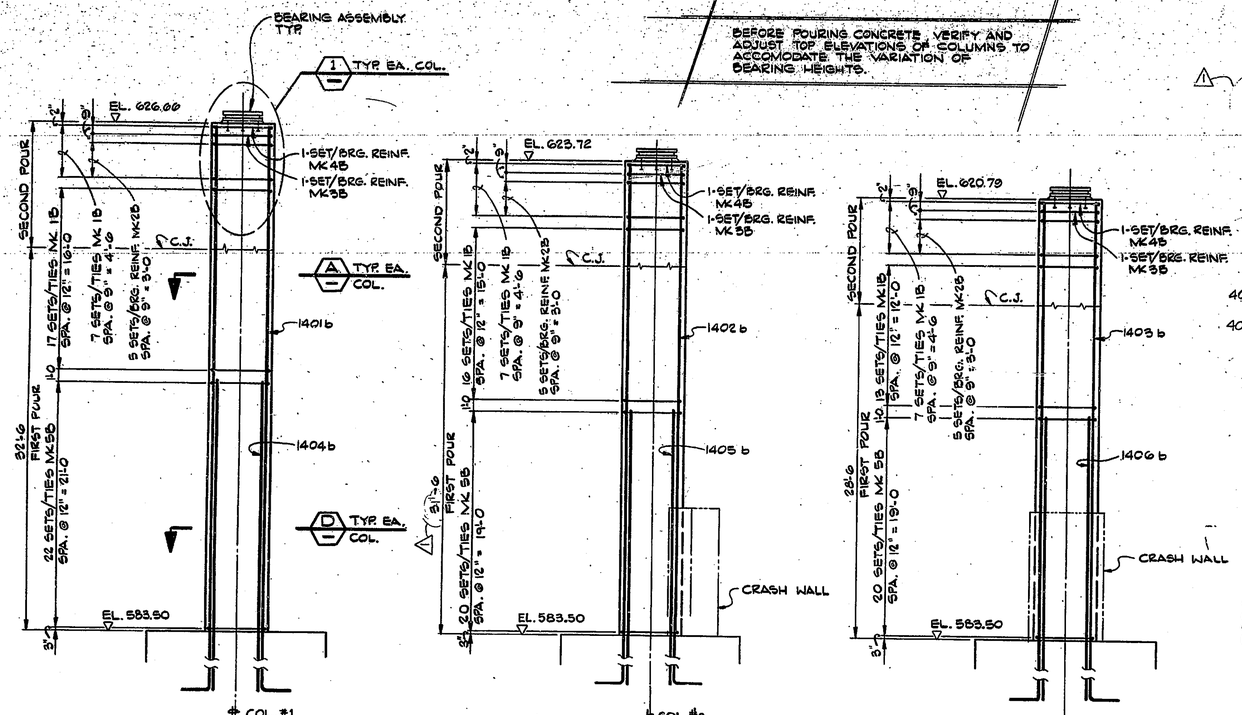
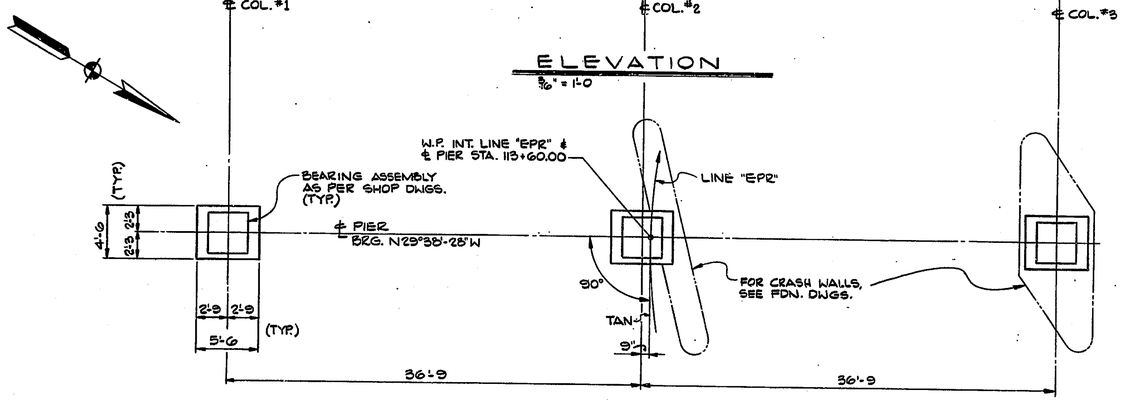
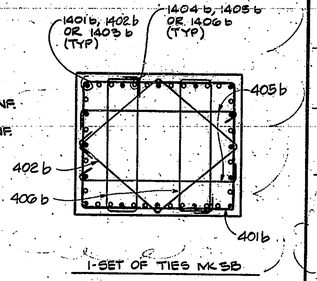
BEFORE POURING CONCRETE, VERIFY AND ADJUST TOP ELEVATIONS OF COLUMNS TO ACCOMODATE THE VARIATION OF BEARING HEIGHTS.



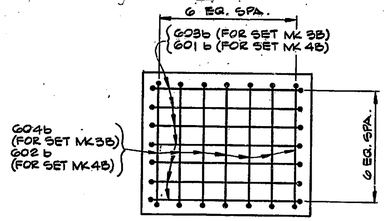
ELEVATION
3/16" = 1'-0



PLAN
3/16" = 1'-0

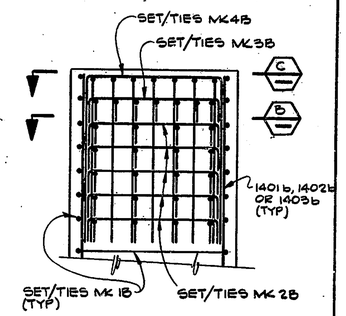


SECTION D
1/2" = 1'-0

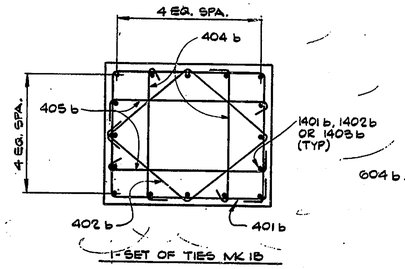


1-SET/BEARING REINF. MK 3B
1-SET/BEARING REINF. MK 4B
(VERT. REINF. & SET/TIES MK1B NOT SHOWN FOR CLARITY)

SECTION C
1/2" = 1'-0

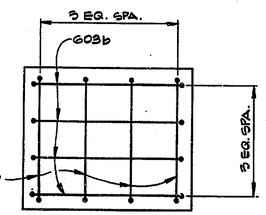


DETAIL 1
1/2" = 1'-0



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

B	MARK NO.	TYPE	NO. REQ'D	A	B	C	D	E	LGTH.	WEIGHT LBS.
TYPE 1	401 b	2	129	0'-8	5'-3	4'-3			20'-4	
	402 b	7	128	0'-8	2'-0	2'-2			15'-1	
TYPE 2	404 b	6	154	0'-8	4'-3	0'-8			5'-7	
	405 b	6	288	0'-8	5'-3	0'-8			6'-7	
	406 b	2	124	0'-8	1'-1	4'-3			12'-0	
TYPE 3										
									TOTAL # 4	5,080
TYPE 4	601 b	3	21	4'-6	5'-1				14'-1	
	602 b	3	21	4'-6	4'-1				13'-1	
	603 b	3	81	0'-11	5'-1				6'-11	
	604 b	3	81	0'-11	4'-1				5'-11	
TYPE 6										
									TOTAL # 6	1646
TYPE 7	1401 b	4	16	2-7	49'-0				51'-7	
	1402 b	4	16	2-7	46'-1				48'-8	
	1403 b	4	16	2-7	43'-8				45'-9	
	1404 b	1	24	-	27'-3				27'-3	
	1405 b	1	24	-	25'-3				25'-3	
	1406 b	1	24	-	25'-3				25'-3	
									TOTAL # 14	32,166
	TOTAL REINF.									39,491
	CONCRETE f_c' = 5000 PSI									
	TOTAL PIER CONCRETE VOLUME									110.8 CY.

12-14-79 ADD THIS SHEET

△1 REVISED 4-10-80

N.	REVISION	DATE

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

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

DECEMBER 14, 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: 912-45-2546 CONTRACT NO. B-11612
INDIANA STATE HIGHWAY COMMISSION

SHEET N.
302A