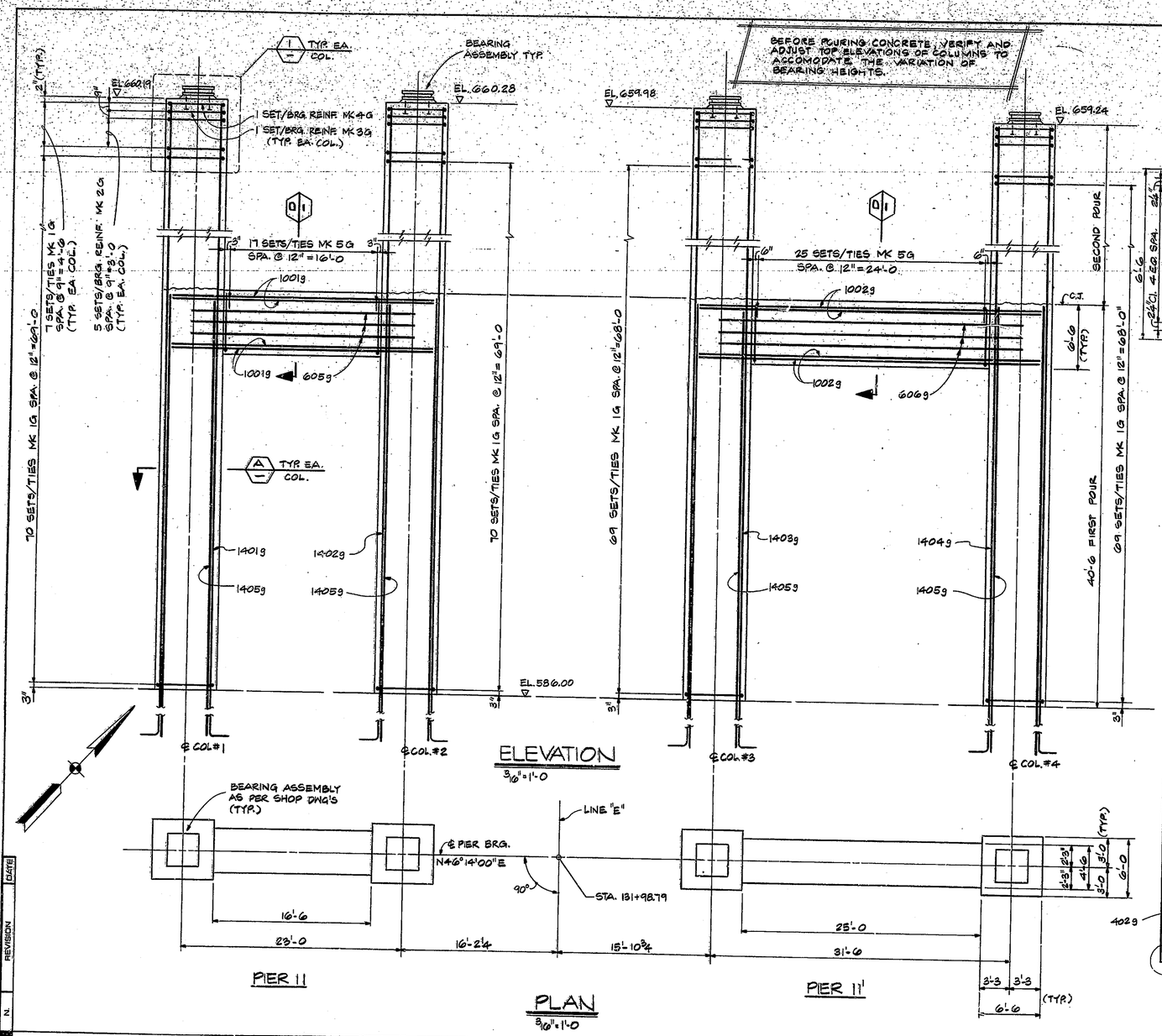


| MARK Nº | TYPE | Nº REQ'D | A | B | C | D | E | LGTH | WEIGHT LBS. |
|---|---|---|---|---|---|---|---|---|---|
| 4019 | 2 | 300 | 0'-8 | 6'-3 | 5'-9 | | | 25'-4 | |
| 4029 | 6 | 612 | 0'-8 | 5'-9 | 0'-8 | | | 7'-1 | |
| 4039 | 6 | 612 | 0'-8 | 6'-3 | 0'-8 | | | 7'-7 | |
| 4049 | 7 | 300 | 0'-8 | 1'-11 | 1'-5 | 2'-2 | | 20'-3 | |
| | | | | | | | TOTAL | #4 | 15,314 |
| 5019 | 5 | 42 | 0'-7 | 4'-3 | 6'-3 | | | 17'-11 | |
| 5029 | 3 | 42 | 0'-9 | 4'-3 | | | | 5'-9 | |
| | | | | | | | TOTAL | #5 | 1,037 |
| 6019 | 3 | 28 | 4'-6 | 6'-1 | | | | 15'-1 | |
| 6029 | 3 | 28 | 4'-6 | 5'-7 | | | | 14'-7 | |
| 6039 | 3 | 108 | 0'-11 | 6'-1 | | | | 7'-11 | |
| 6049 | 3 | 108 | 0'-11 | 5'-7 | | | | 7'-5 | |
| 6059 | 1 | 6 | | 28'-0 | | | | 28'-0 | |
| 6069 | 1 | 6 | | 31'-6 | | | | 31'-6 | |
| | | | | | | | TOTAL | #6 | 4,226 |
| 10019 | 1 | 24 | | 29'-0 | | | | 29'-0 | |
| 10029 | 1 | 24 | | 31'-6 | | | | 31'-6 | |
| | | | | | | | TOTAL | #10 | 6,168 |
| 14019 | 4 | 28 | 2'-7 | 81'-0 | | | | 83'-7 | |
| 14029 | 4 | 28 | 2'-7 | 81'-1 | | | | 83'-8 | |
| 14039 | 4 | 28 | 2'-7 | 80'-10 | | | | 83'-5 | |
| 14049 | 4 | 28 | 2'-7 | 80'-1 | | | | 82'-8 | |
| 14059 | 1 | 16 | | 47'-4 | | | | 47'-4 | |
| | | | | | | | TOTAL | #14 | 77,196 |
| | | | | | | | TOTAL REINF. | | 104,041 |
| | | | | | | | CONC. f'c' = 5000 P.S.I. | | |
| | | | | | | | TOTAL PIER CONCRETE VOLUME | | 472.0 C.Y. |

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

| N. | REVISION | DATE |
|---|---|---|

T. Y. LIN INTERNATIONAL
STRUCTURAL ENGINEERS

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

T. Y. Lin
9-12-1979

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. 11 E.B.L. AND W.B.L. COLUMN DETAILS**

CLINE AVENUE EXTENSION OVER INDIANA HARBOR CANAL
BRIDGE FILE: 912-45-2548 CONTRACT NO. B-11812
INDIANA STATE HIGHWAY COMMISSION

SHEET N.
307