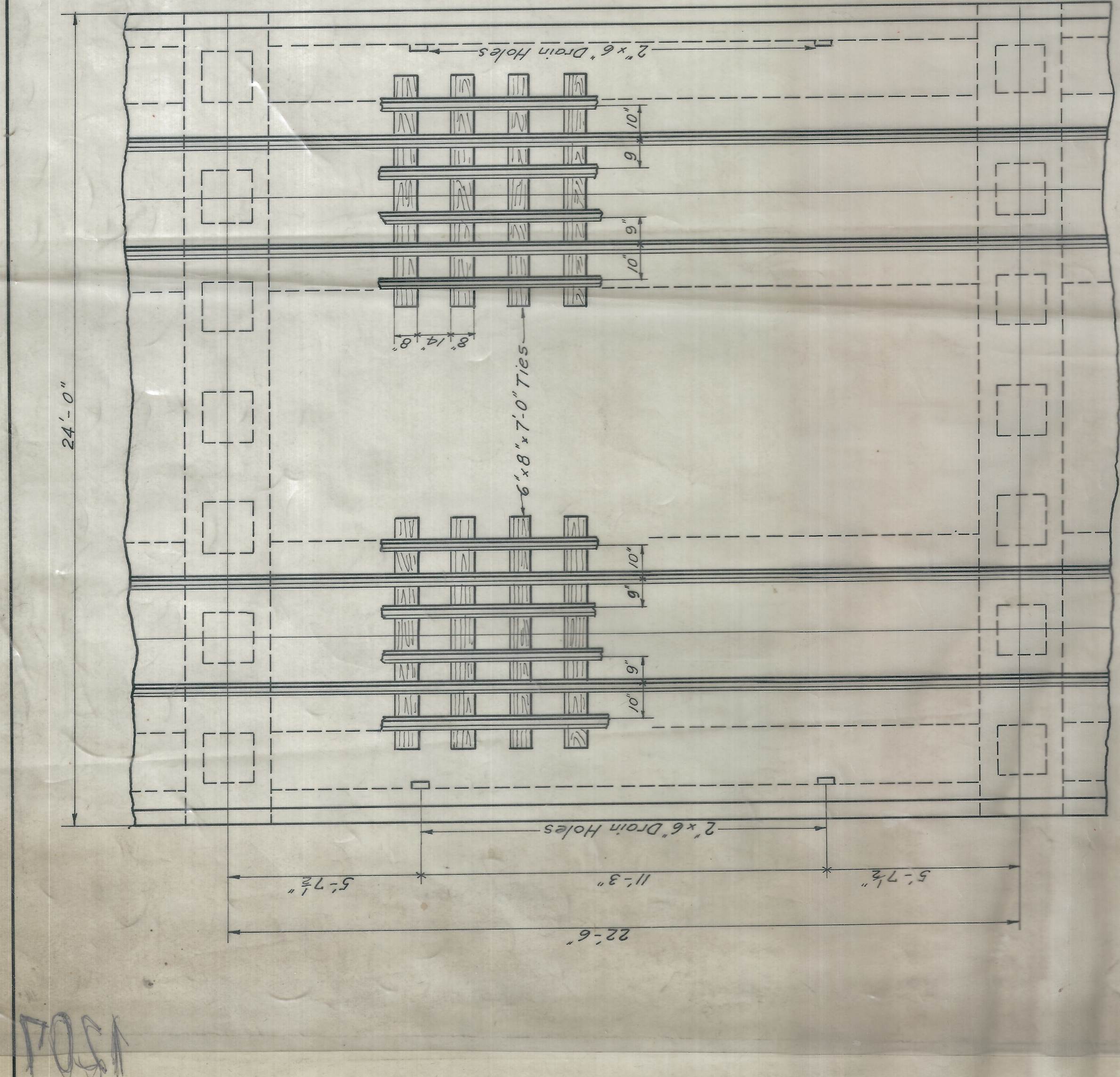
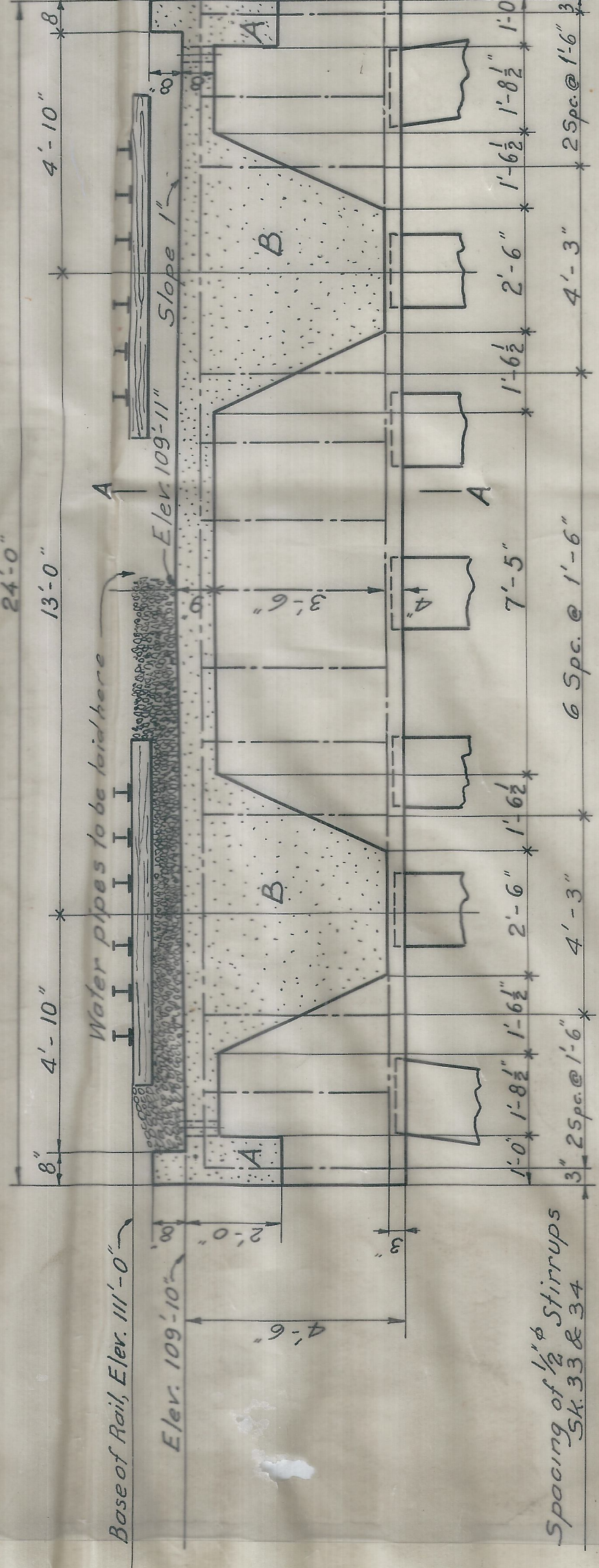
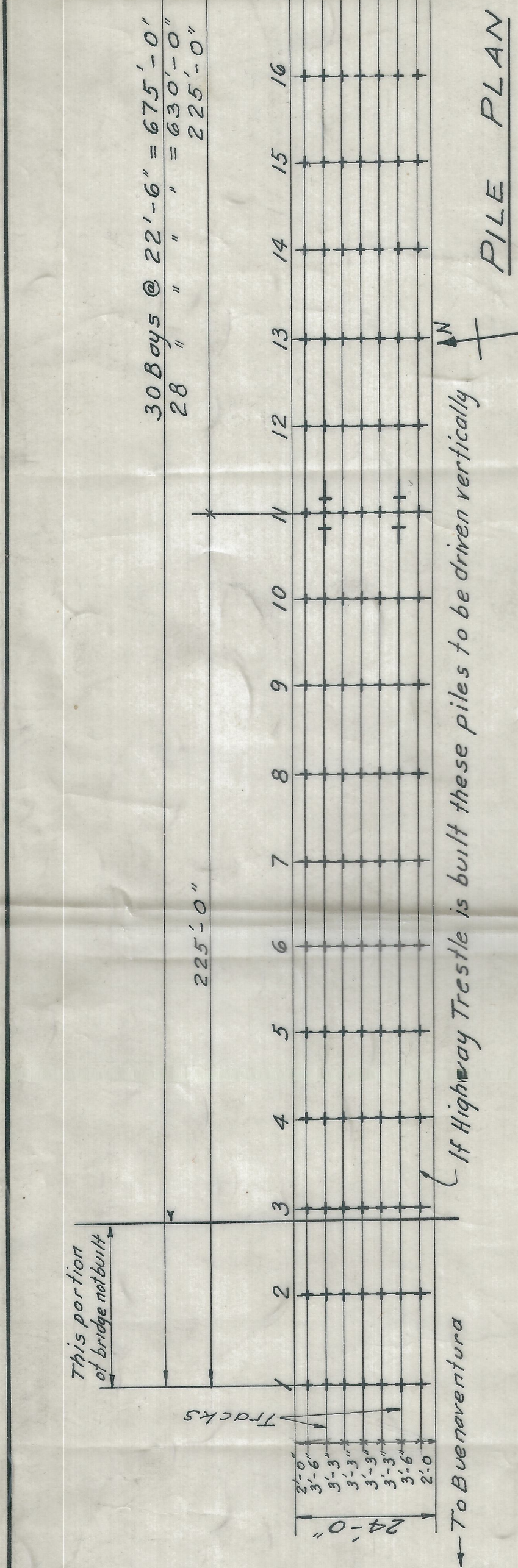
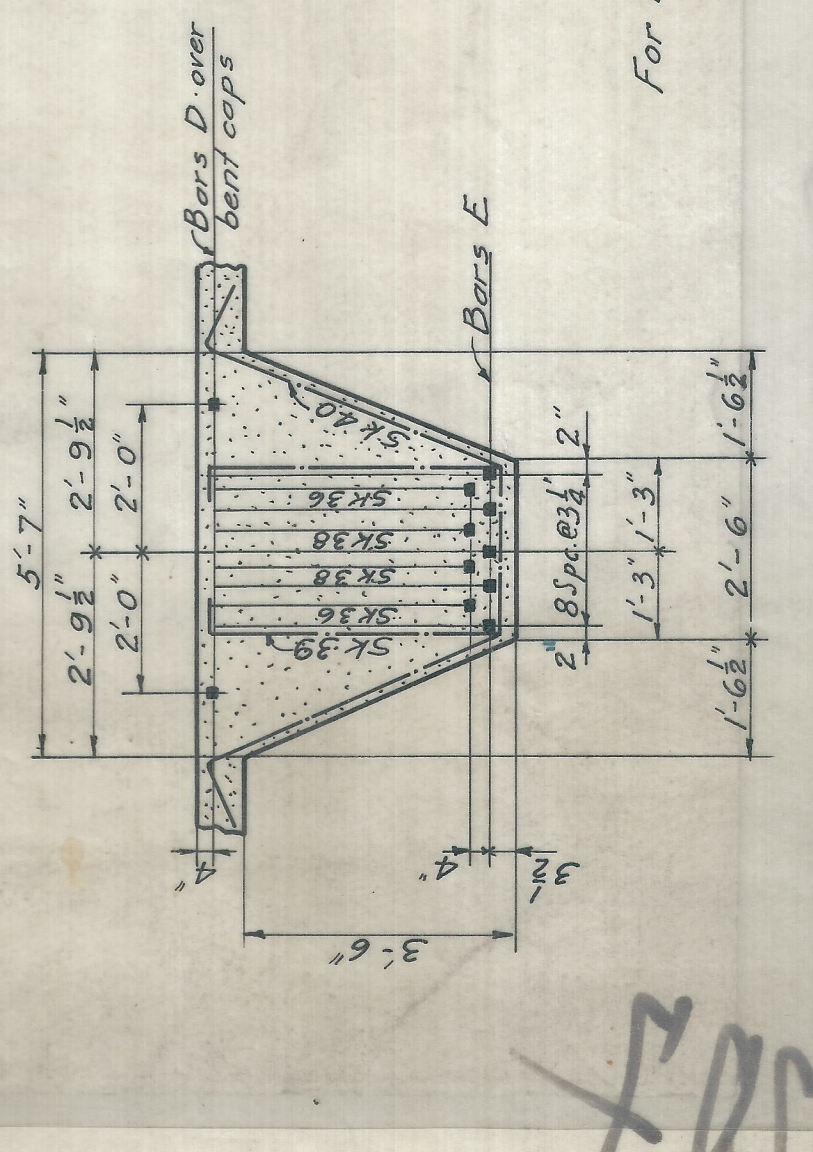
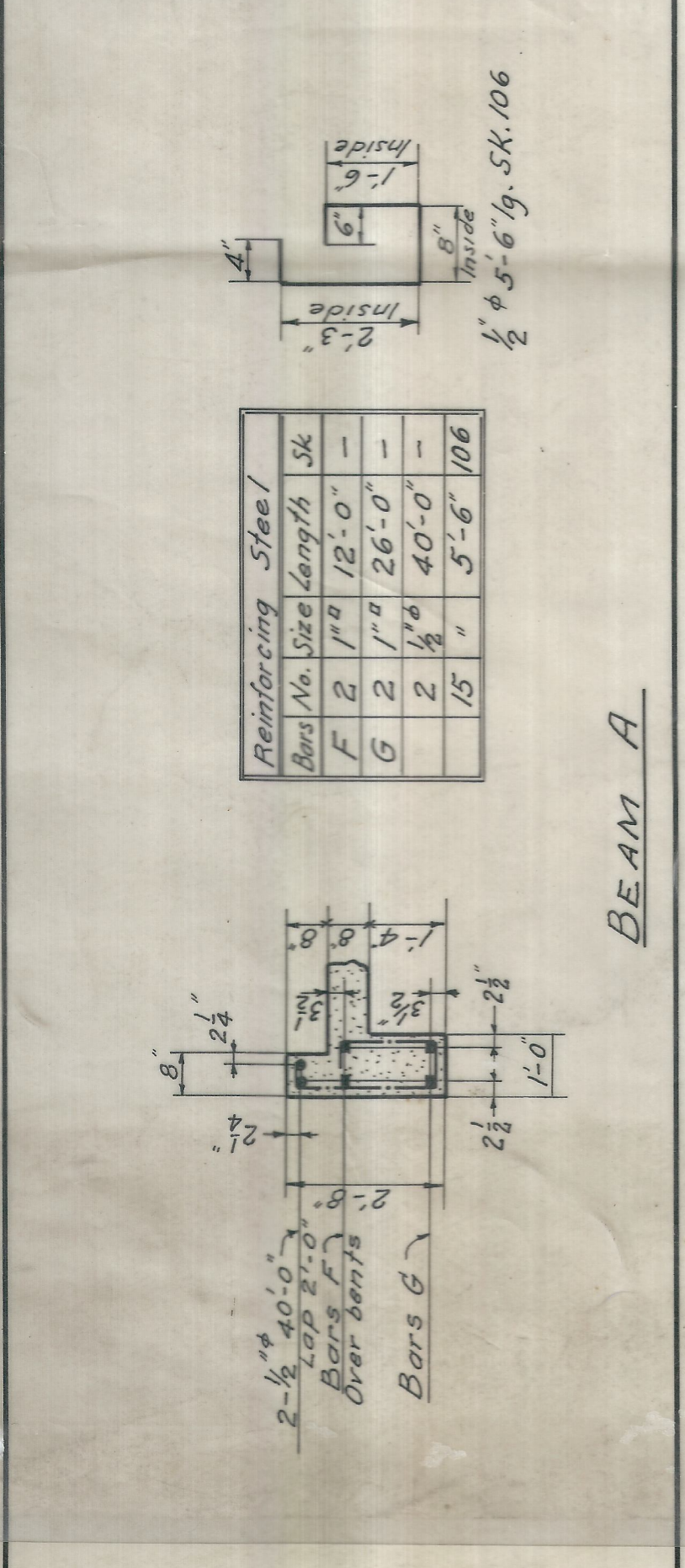




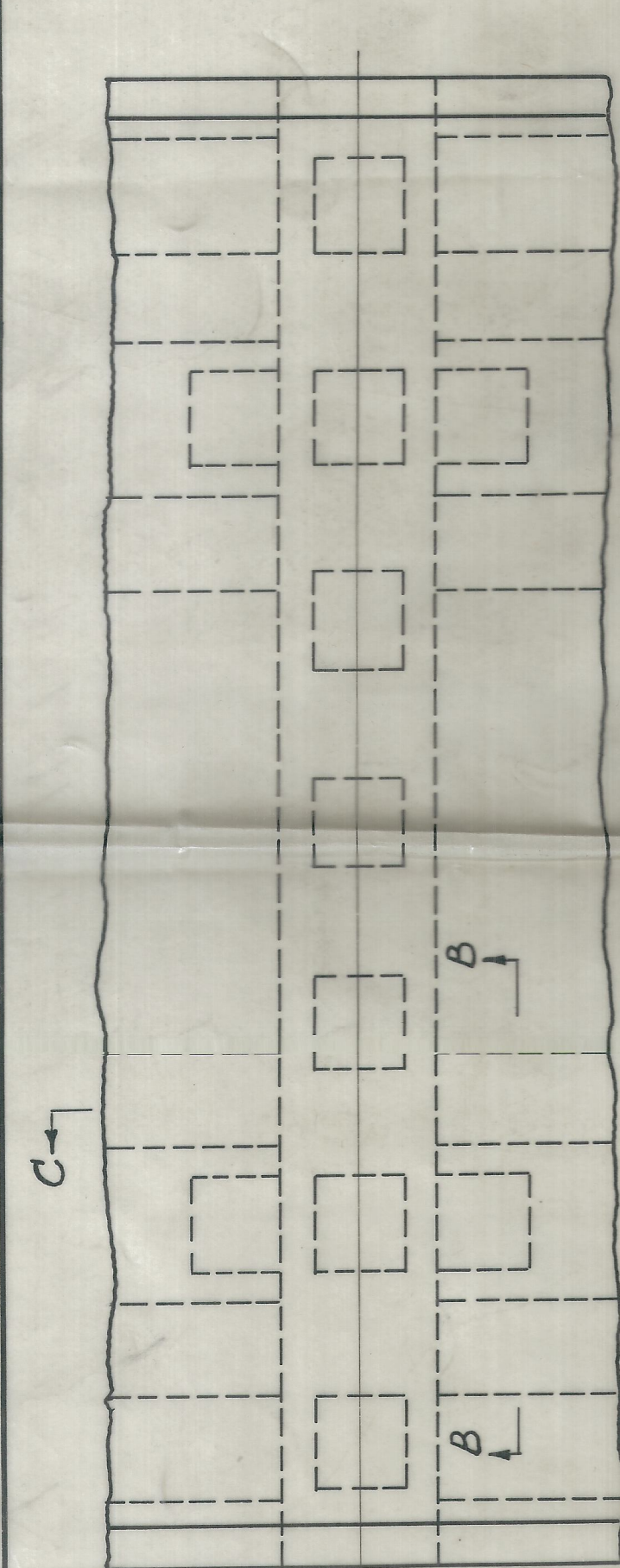
PLAN OF TYPICAL BAY



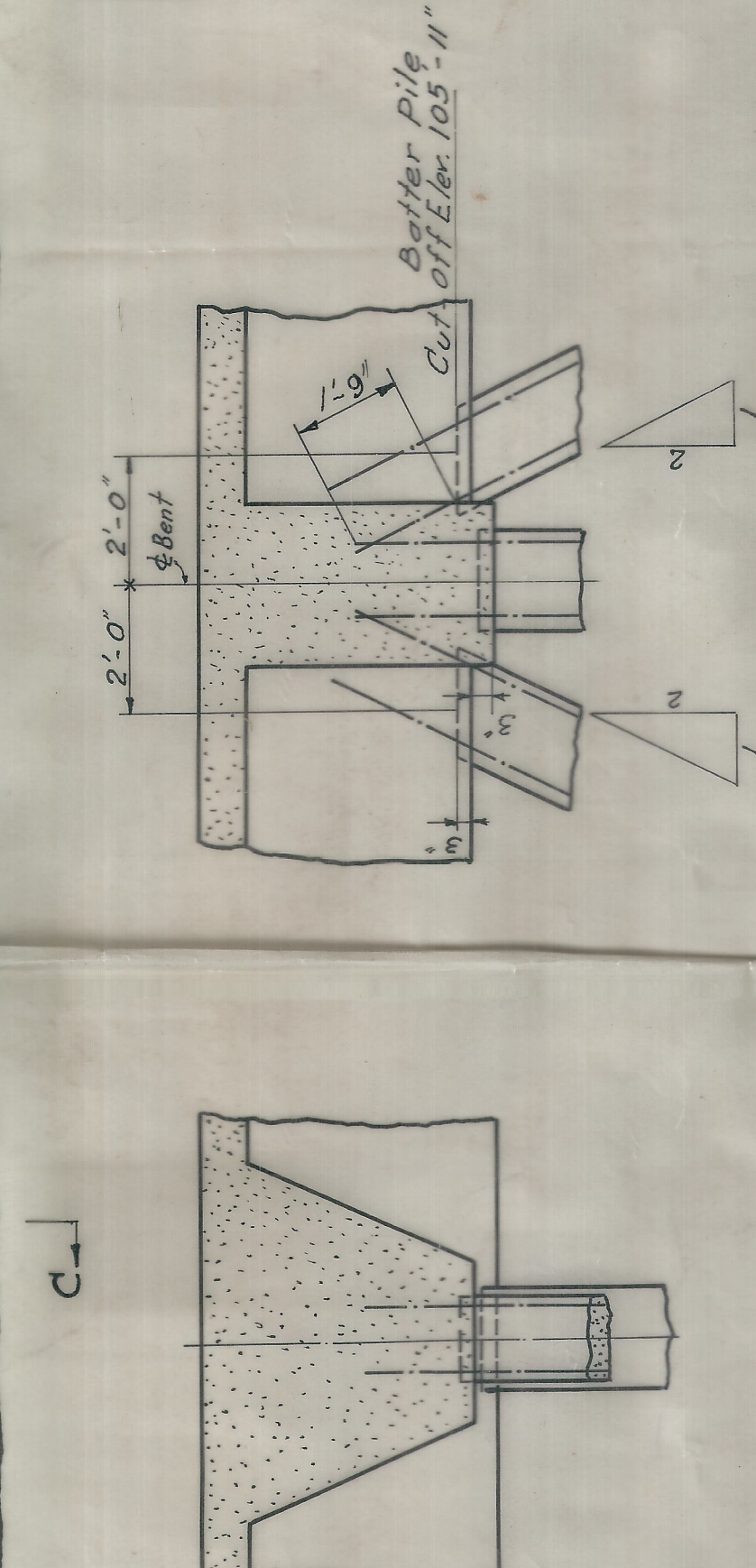
CROSS SECTION



PILE PLAN



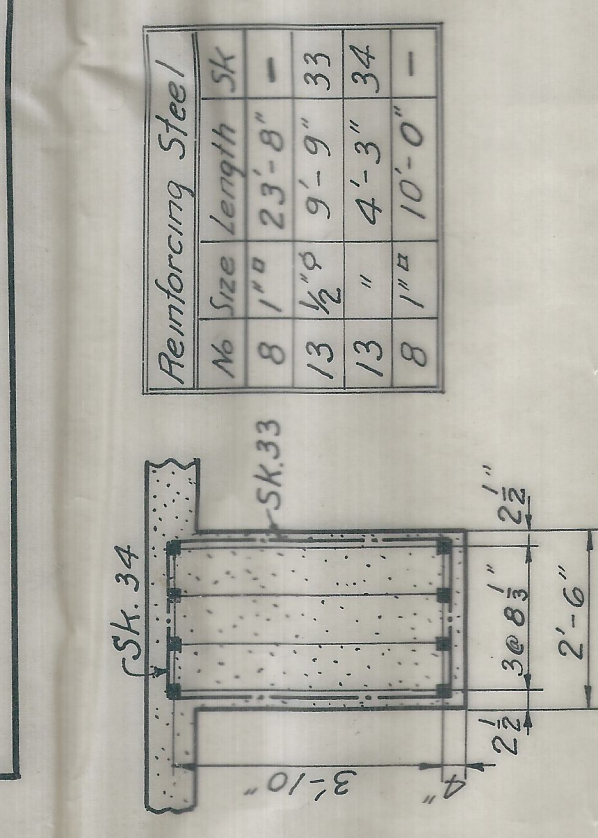
SECTION B-B



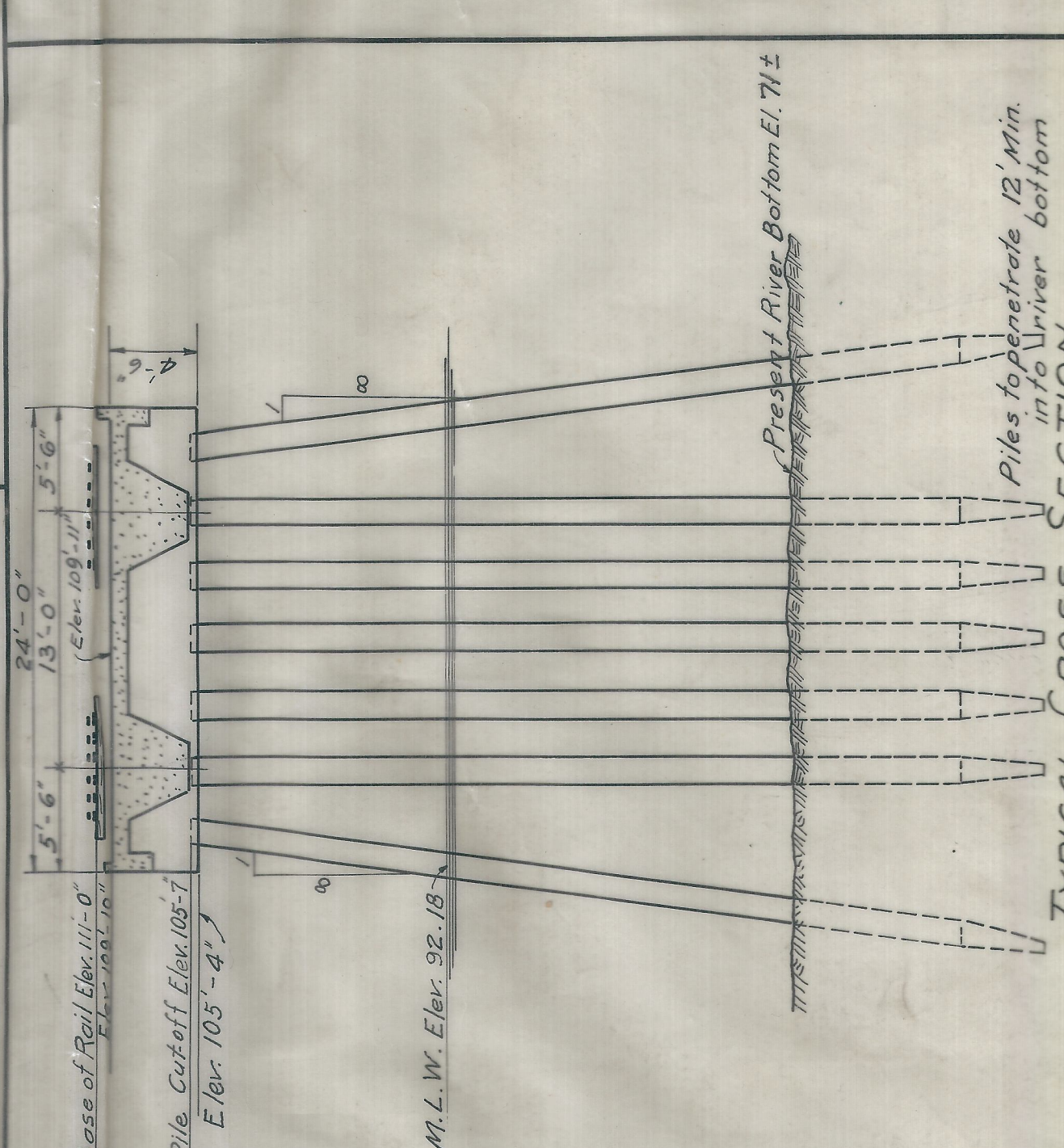
SECTION C-C

BATTER PILE BENT

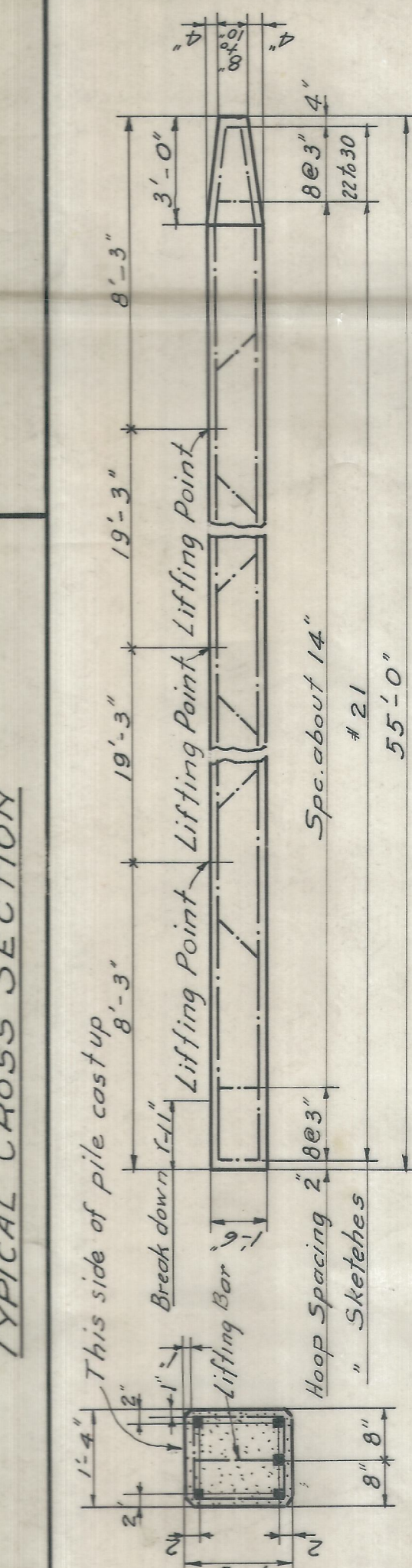
BENTS 1 & 2



SECTION A-A



TYPICAL CROSS SECTION



18" x 16" BATTER PILES

SK	Size	Length	C	D
21	1/2"	4'-0"	1'-0"	1'-2"
22	3/4"	4'-2"	1'-0"	1'-0"
23	3/4"	3'-11"	9"	11"
24	3/4"	3'-9"	8"	10"
25	3/4"	3'-6"	8"	10"
26	3/4"	3'-4"	7"	9"
27	3/4"	3'-1/2"	6"	8"
28	3/4"	2'-11"	6"	8"
29	3/4"	2'-8"	5"	7"
30	3/4"	2'-6"	5"	7"

SK	Size	Length	C	D
21	1/2"	4'-0"	1'-0"	1'-2"
22	3/4"	4'-2"	1'-0"	1'-0"
23	3/4"	3'-11"	9"	11"
24	3/4"	3'-9"	8"	10"
25	3/4"	3'-6"	8"	10"
26	3/4"	3'-4"	7"	9"
27	3/4"	3'-1/2"	6"	8"
28	3/4"	2'-11"	6"	8"
29	3/4"	2'-8"	5"	7"
30	3/4"	2'-6"	5"	7"

SLAB DETAILS

For bending sketches see Dwg. 4963-A

BEAM A

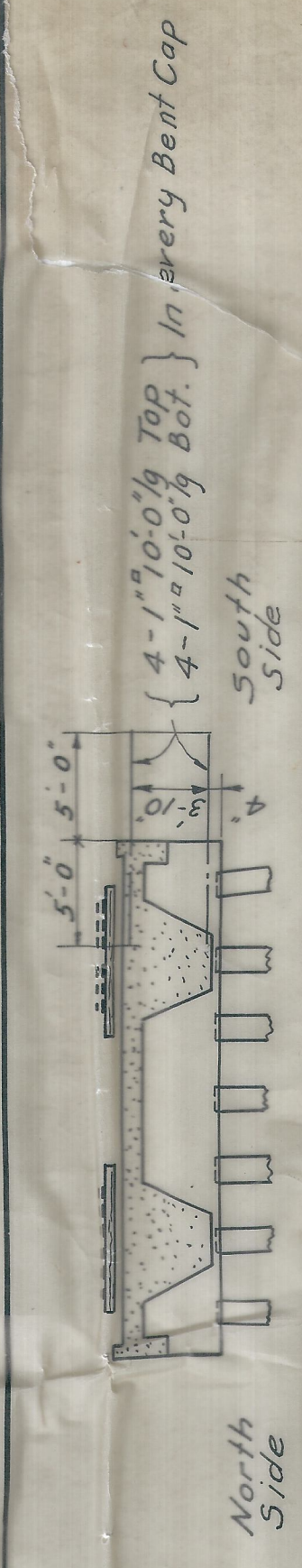
BEAM B

PILE REINFORCING STEEL	No	Size	Length	SK
40	1/2"	36'-8"	-	38
120	3/4"	31'-8"	-	36
300	3/4"	26'-0"	-	-
124	3/4"	15'-0"	-	-
3350	3/4"	5'-2"	21	-
344	3/4"	4'-10"	21	-
217	3/4"	3'-0"	22	-
8	3/4"	3'-0"	22	-

PILE REINFORCING STEEL	No	Size	Length	SK
120	3/4"	36'-8"	-	38
300	3/4"	26'-0"	-	-
124	3/4"	15'-0"	-	-
3350	3/4"	5'-2"	21	-
344	3/4"	4'-10"	21	-
217	3/4"	3'-0"	22	-
8	3/4"	3'-0"	22	-

These quantities are for 30 Bays

5400 Lin. Ft. Guard Rails



SECTION SHOWING BARS EXTENDING ON SOUTH SIDE FOR FUTURE HIGHWAY TRUSTEE

NOTES:-
Pile concrete 1-1/2-3 Mix
Deck 1-2-4
Load-Cooper's E 40 + 25% impact.

Note:- This Bridge was built 28 Bays - 630' long.

COPY

RAYMOND CONCRETE PILE COMPANY
140 CEDAR STREET
NEW YORK CITY
PORT OF BUENAVENTURA
COLOMBIA, S.A.
PINAL-BRIDGE
No. N. Y. 4974-A