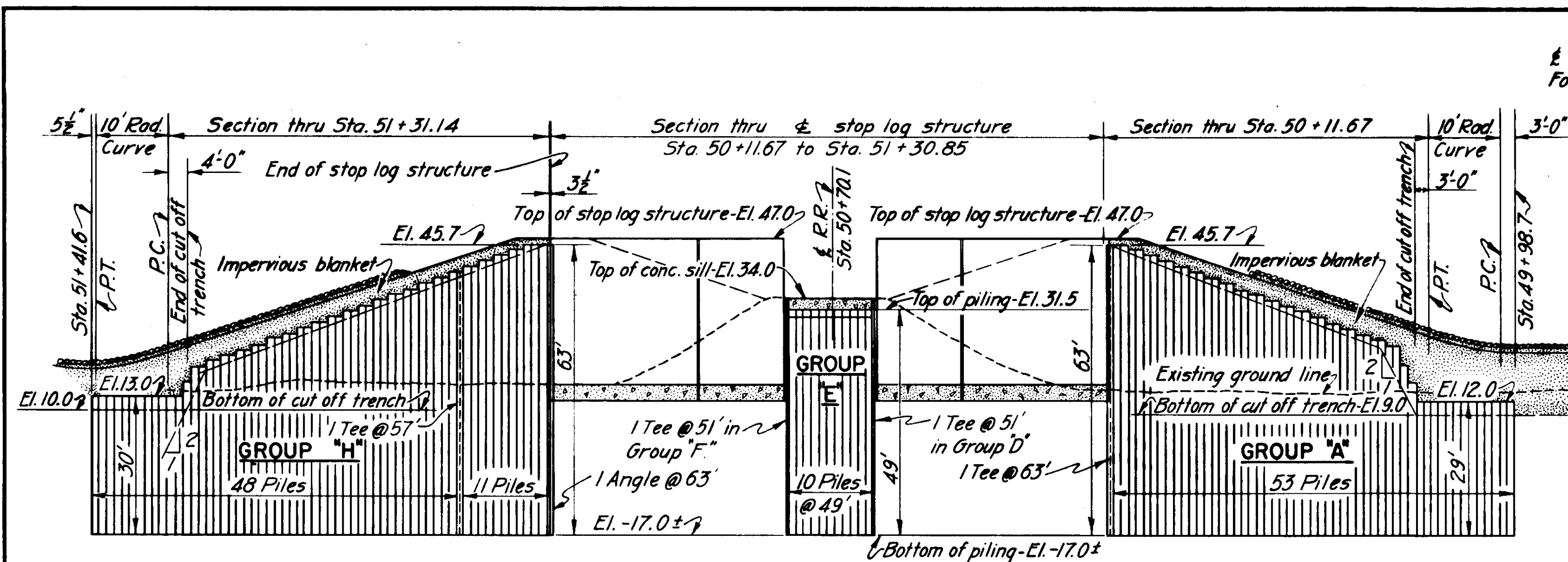
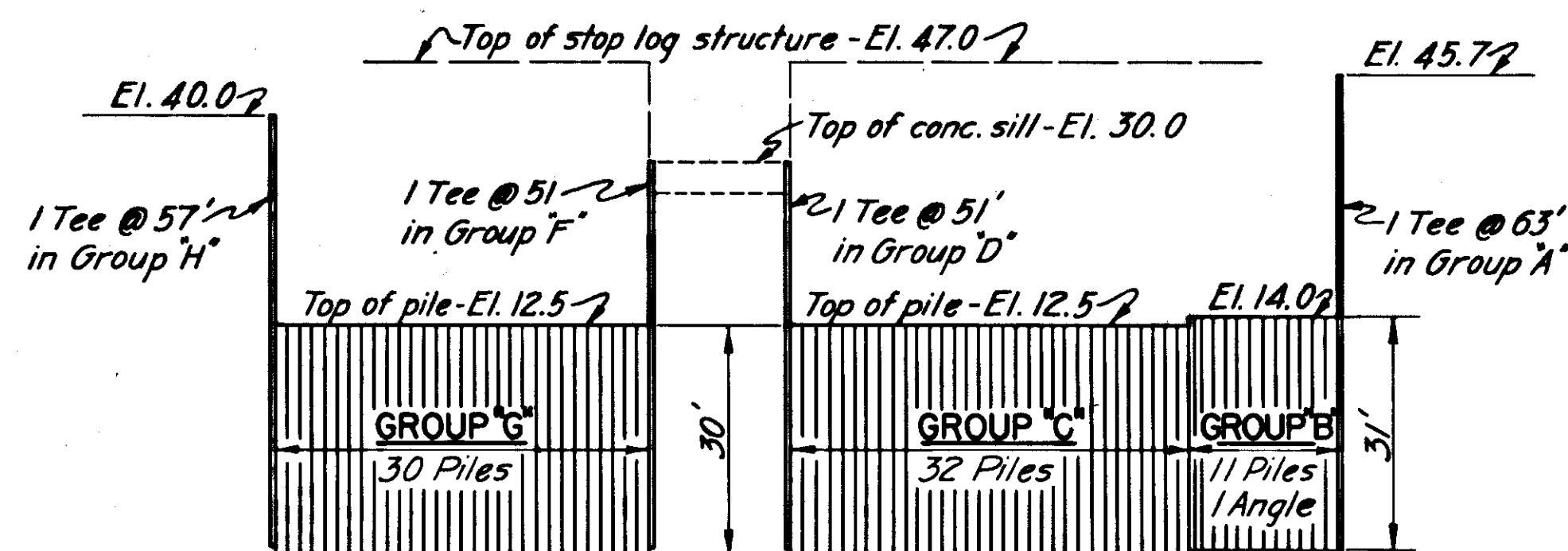
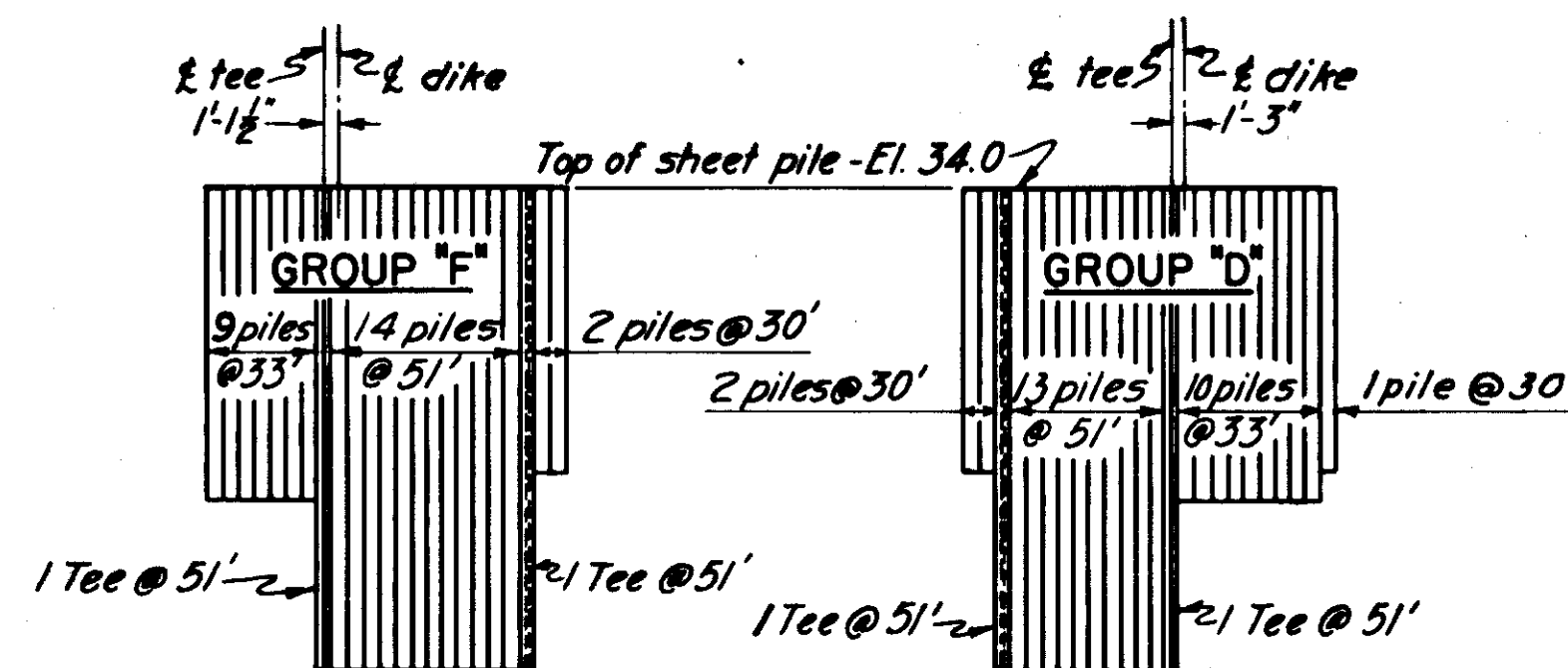




SECTION THRU STEEL SHEET PILE CUT-OFF AT WILLIMANTIC DIVISION STOP LOG STRUCTURE
(SECTION DEVELOPED)



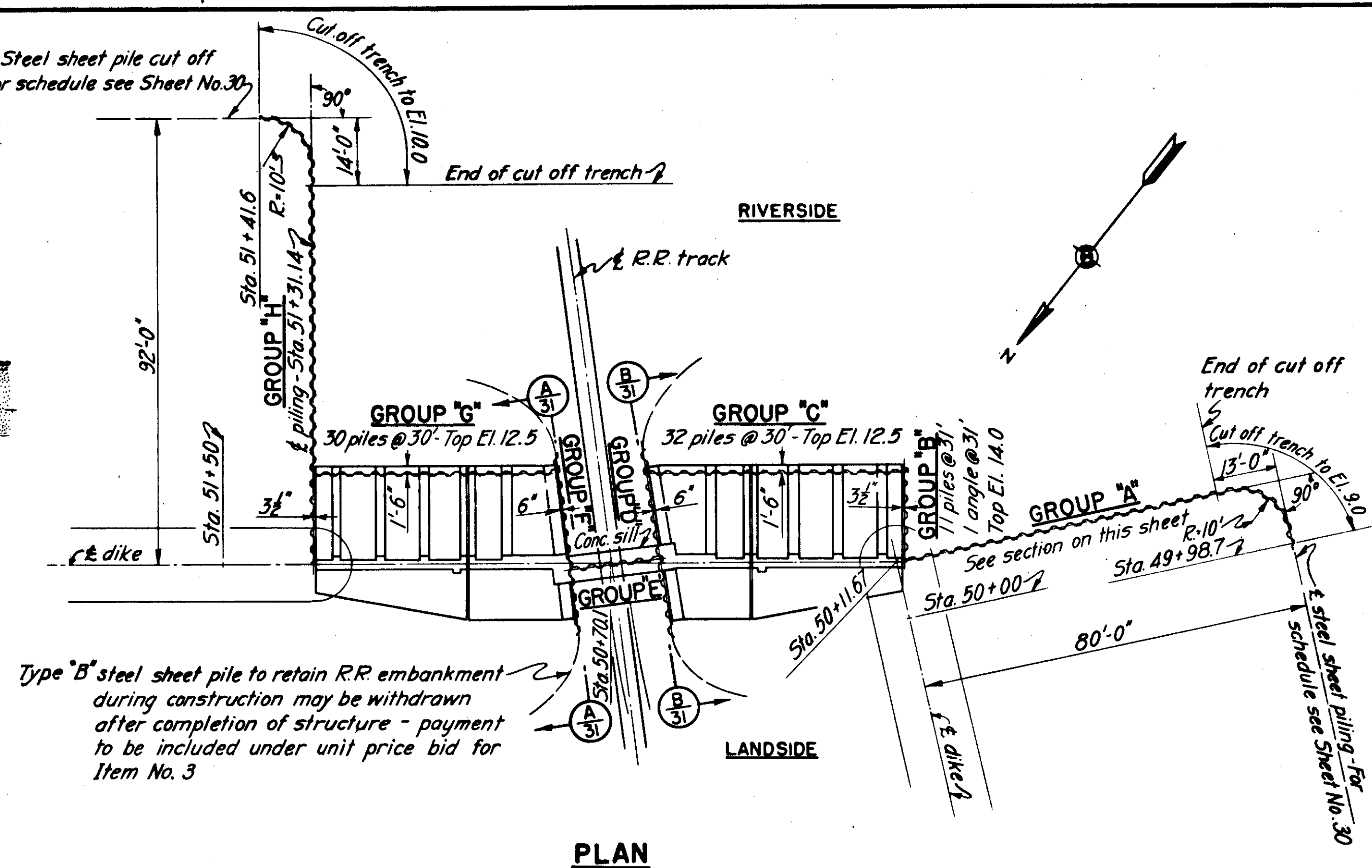
DEVELOPED SECTION SHOWING GROUPS "B", "C" AND "G"



SECTION A₃₁

SECTION B₃₁

DETAIL AT WILLIMANTIC DIVISION STOP LOG STRUCTURE



PLAN

NOTES

- Type "A" piling shall be Carnegie steel sheet piles M-115 or equal.
- Type "B" piling shall be Carnegie steel sheet piles M-110 or equal.
- Elevations refer to Mean Sea Level Datum.
- For concrete and steel reinforcement details of Stop-log Structure see Sheets No. 47 to 56 incl.
- Steel sheet piling incorporated in completed structure will be paid for under Item No. 12.
- Steel sheet piling in groups D and F to be Type B. All other steel sheet piling incorporated in completed structure on this sheet to be Type A.
- Top of piles shall extend into impervious blanket not less than 1'-0" or more than 2'-0", except in cut-off trench.
- R.R. Stop-log Structure No. 1 is on Willimantic Division of N.Y., N.H., and Hartford R.R.

LOCATION	NUMBER OF PILES AT LENGTH OF:																											ANGLES LENGTH	TEES LENGTH
	29'	30'	31'	33'	37'	38'	39'	40'	41'	43'	44'	45'	46'	47'	48'	49'	50'	51'	52'	54'	55'	56'	57'	58'	60'	61'	62'	63'	
GROUP "A"	13			1	1					2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1 @ 63'
GROUP "B"			11																										1 @ 31'
GROUP "C"		32																											
GROUP "D"		3		10														13											2 @ 51'
GROUP "E"																10													
GROUP "F"		2		9														14											2 @ 51'
GROUP "G"		30																											
GROUP "H"		12		1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3	1 @ 63'
TOTALS	13	79	11	21	3	2	2	2	4	4	4	4	4	2	2	14	4	31	4	4	4	4	3	4	4	4	4	5	94'
SQ. FT.	617	3831	558	944	182	124	128	131	268	281	288	294	301	154	157	1122	327	2170	340	353	360	366	280	379	392	399	406	515	118

TYPE "A" - TOTAL THIS SHEET = 13,565 SQ. FT.
TYPE "B" - TOTAL THIS SHEET = 2,872 SQ. FT.

12/31/45		As-Built			
DATE	REVISION	REV. BY	CK. BY	AP. BY	
CONNECTICUT RIVER FLOOD CONTROL					
NORTH MEADOWS DIKE					
FISCAL YEAR 1939 SECTION					
STEEL SHEET PILING LAYOUT NO. 2					
HARTFORD, CONN.					
CONNECTICUT RIVER		CONNECTICUT			
IN 66 SHEETS	SCALE: 1 IN. = 20 FT.	SHEET NO. 31			
U. S. ENGINEER OFFICE, PROVIDENCE, R. I., APRIL 1939					
SUBMITTED:	APPROVAL RECOMMENDED:	APPROVED:			
HEAD DESIGN SECTION	CHIEF F. C. ENGINEERING DIV.	DISTRICT ENGINEER			
DESIGNED:	DRAWN:	FILE NO. CT-4-1460			
ASOC. ENGINEER	W. M. M.				