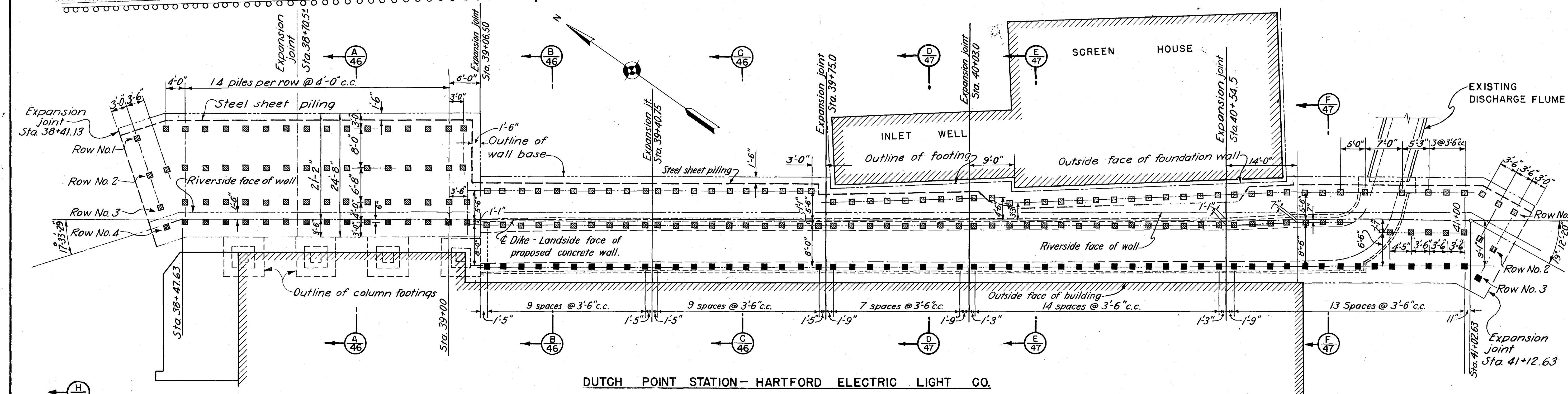
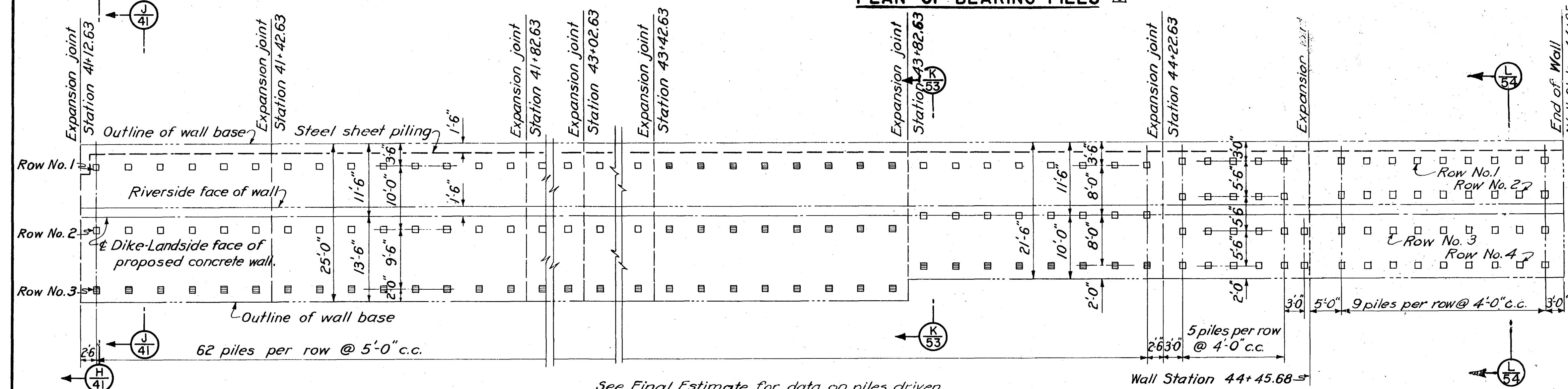


CONNECTICUT

RIVER

DUTCH POINT STATION - HARTFORD ELECTRIC LIGHT CO.
PLAN OF BEARING PILES

See Final Estimate for data on piles driven.

STEEL PILE SCHEDULE

ROW NO. 1 *							ROW NO. 2 *							ROW NO. 3 *							ROW NO. 4 *						
STATION FROM	STATION TO	TOP ELV.	BOT. ELV.	PILE LGTH	NO. PILES	TOTAL LENGTH	STATION FROM	STATION TO	TOP ELV.	BOT. ELV.	PILE LGTH	NO. PILES	TOTAL LENGTH	STATION FROM	STATION TO	TOP ELV.	BOT. ELV.	PILE LGTH	NO. PILES	TOTAL LENGTH	STATION FROM	STATION TO	TOP ELV.	BOT. ELV.	PILE LGTH	NO. PILES	TOTAL LENGTH
38+41.13	39+06.50	7.91	-55.09	63	17	1071	38+41.13	39+06.50	11.91	-55.09	67	17	1139	38+41.13	39+06.50	11.91	-55.09	67	16	1072	38+41.13	39+06.50	11.91	-55.09	67	16	1072
39+06.50	40+80.75	10.41	-57.59	58	50	3400	39+06.50	40+84.50	-4.41	-57.59	62	43	2666	39+06.50	40+84.50	-4.41	-57.59	62	43	2666	39+06.50	40+84.50	-4.41	-57.59	62	43	2666
40+80.75	40+91.25	0.48	-57.52	58	2	116	40+84.50	40+86.0	Varies	-57.52	61	7	427	40+84.50	40+86.0	Varies	-57.52	61	9	549	40+84.50	40+86.0	Varies	-57.52	61	9	549
40+91.25	41+12.63	10.41	-57.59	68	6	408	40+86.0	40+89.00	1.38	-57.62	59	1	59	40+86.0	41+12.63	9.41	-57.59	67	6	402	40+86.0	41+12.63	9.41	-57.59	67	6	402
41+12.63	41+16.00	10.41	-57.59	68	1	68	40+89.00	41+12.63	9.41	-57.59	67	6	402	41+12.63	41+16.0	10.91	-57.09	68	1	68	41+12.63	41+16.0	10.91	-57.09	68	1	68
41+16.00	43+82.63	14.91	-57.09	72	53	3816	41+12.63	41+16.00	10.91	-57.09	68	1	68	41+16.00	43+82.63	14.91	-57.09	72	53	3816	41+16.00	43+82.63	14.91	-57.09	72	53	3816
43+82.63	43+87.00	15.41	-57.59	73	1	73	41+16.00	43+82.63	14.91	-57.09	72	53	3816	43+82.63	43+87.00	16.41	-57.59	74	1	74	43+82.63	43+87.00	16.41	-57.59	74	1	74
43+87.00	44+85.68	19.91	-57.09	77	21	1617	43+82.63	43+87.00	16.41	-57.59	74	1	74	43+87.00	44+85.68	19.91	-57.09	77	23	1771	43+87.00	44+85.68	19.91	-57.09	77	23	1771
							43+87.00	44+85.68	19.91	-57.09	77	21	1617														

* Top elevation varies from 4.23 to 1.28 in increments of 0.35.

* Top elevation varies from 4.23 to 1.43 in increments of 0.35.

* Lengths given in schedule are approximate and for bidding purposes only. Length to be ordered to be determined by test piles or explorations. See specification P 4-07

12-31-45	As built revisions				
6-5-41	Wall and Flume changed.	E.P.C.	968	283	
KEY	DATE	REVISION (Indicated by Δ)	REV. BY	CK. BY	AP. BY

STEEL "H" PILE LEGEND			
SYMBOL	NORMAL PILE LOADING (River down)	MAXIMUM PILE LOADING (River at El. 44)	SIZE OF PILE
▨	35 TON	35 TON	10" @ 42"
▩	25 TON	50 TON	12" @ 53"
■	36 TON	65 TON	14" @ 73"
▤	35 TON	-17 TON	10" @ 42"
▥	35 TON	45 TON	12" @ 53"
□	35 TON	30 TON	10" @ 42"

NOTES:

Elevations refer to Mean Sea Level Datum.
All bearing piles shown on this sheet are steel and will be paid for under Item No. 45

THIS SHEET SUPERSEDES SHEET NO. 45 FILE NO. CT-4-2505

CONNECTICUT RIVER FLOOD CONTROL	
HARTFORD DIKE	
RIVERFRONT, MORGAN ST. TO STA. 96+73	
STEEL "H" PILING LAYOUT	
DUTCH POINT STATION	
CONNECTICUT RIVER	CONNECTICUT
IN 35 SHEETS	SCALE: 1" = 10 FT.
SHEET NO. 45	
U.S. ENGINEER OFFICE, PROVIDENCE, R.I., FEB. 1941	
SUBMITTED: <i>W. C. M. Mc.</i>	APPROVAL: <i>W. C. M. Mc.</i>
SENIOR ENGINEER	PRINCIPAL ENGINEER
HEAD, DESIGN SECTION	CHIEF, ENGINEERING DIV.
DESIGNED: <i>W. C. M. Mc.</i>	DRAWN: D.W.C. & M.B.Mc.
ASSOC. ENGINEER	TRACED: H.R.F.
	CHECKED: <i>W. C. M. Mc.</i>
	FISCAL YEAR 1940
	FILE NO. CT-4-2847

File 11-14-3