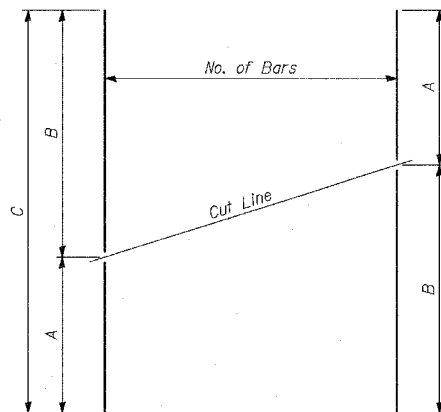


PILE LAYOUT

Pile	Station at Working Point	Top of Parapet El.	Top of Pile El.	Bot. of Wall El.	Section	Pile Tip El.	Pile Length
P-1	2216+34.03	8.00	3.83	0.13	HP14x117	-19.92	23'-9"
P-2	2216+26.54	8.19	4.03	0.18		-19.89	23'-11"
P-3	2216+19.04	8.39	4.22	0.23		-19.78	24'-0"
P-4	2216+11.55	8.58	4.42	0.28		-19.75	24'-2"
P-5	2216+04.05	8.78	4.61	0.33		-19.72	24'-4"
P-6	2215+96.56	8.97	4.81	0.38		-19.69	24'-6"
P-7	2215+89.06	9.17	5.00	0.44		-19.58	24'-7"
P-8	2215+81.57	9.36	5.20	0.49	HP14x117	-19.55	24'-9"
P-9	2215+74.07	9.58	5.41	0.54	W18x130	-24.51	29'-11"
P-10	2215+66.58	9.81	5.64	0.59		-24.44	30'-1"
P-11	2215+59.08	10.04	5.88	0.64		-24.37	30'-3"
P-12	2215+51.59	10.28	6.11	0.69		-24.39	30'-6"
P-13	2215+44.09	10.51	6.34	0.74		-24.32	30'-8"
P-14	2215+36.60	10.74	6.58	0.79		-24.26	30'-10"
P-15	2215+29.10	10.98	6.81	0.84		-24.19	31'-0"
P-16	2215+21.60	11.21	7.04	0.89	W18x130	-24.12	31'-2"
P-17	2215+14.11	11.47	7.30	0.94	W21x147	-27.12	34'-5"
P-18	2215+06.61	11.74	7.57	0.99		-27.01	34'-7"
P-19	2214+99.12	12.01	7.85	1.04		-26.99	34'-10"
P-20	2214+91.62	12.29	8.12	1.09		-26.96	35'-1"
P-21	2214+84.13	12.56	8.40	1.15		-26.94	35'-4"
P-22	2214+76.63	12.84	8.67	1.20		-26.83	35'-6"
P-23	2214+69.14	13.11	8.95	1.25		-26.80	35'-9"
P-24	2214+61.64	13.39	9.22	1.30		-26.78	36'-0"
P-25	2214+54.15	13.66	9.49	1.35		-26.67	36'-2"
P-26	2214+46.65	13.94	9.77	1.40		-26.65	36'-5"
P-27	2214+39.16	14.21	10.04	1.45		-26.62	36'-8"
P-28	2214+31.66	14.48	10.32	1.50	W21x147	-26.52	36'-10"
P-29	2214+25.16	14.72	10.56	1.54	W24x176	-28.53	39'-1"
P-30	2214+18.67	14.96	10.79	1.59		-28.46	39'-3"
P-31	2214+12.17	15.20	11.03	1.63		-28.38	39'-5"
P-32	2214+05.68	15.44	11.27	1.68		-28.40	39'-8"
P-33	2213+99.18	15.67	11.51	1.72		-28.33	39'-10"
P-34	2213+92.69	15.91	11.75	1.76		-28.25	40'-0"
P-35	2213+86.19	16.15	11.98	1.81		-28.27	40'-3"
P-36	2213+79.69	16.39	12.22	1.85		-28.20	40'-5"
P-37	2213+73.20	16.63	12.46	1.90		-28.12	40'-7"
P-38	2213+66.70	16.86	12.70	1.94		-28.14	40'-10"
P-39	2213+60.21	17.10	12.93	1.98		-28.07	41'-0"
P-40	2213+53.71	17.34	13.17	2.03		-27.99	41'-2"
P-41	2213+47.21	17.58	13.41	2.07		-28.01	41'-5"
P-42	2213+40.72	17.82	13.65	2.12	W24x176	-27.93	41'-7"
P-43	2213+34.22	18.02	13.85	2.16	W30x211	-31.90	45'-9"
P-44	2213+27.56	18.20	14.04	2.20		-31.80	45'-10"
P-45	2213+20.90	18.39	14.22	2.25		-31.78	46'-0"
P-46	2213+14.23	18.57	14.40	2.30		-31.76	46'-2"
P-47	2213+07.24	18.76	14.60	2.34		-31.74	46'-4"
P-48	2213+00.91	18.94	14.77	2.39		-31.65	46'-5"
P-49	2212+94.24	19.12	14.95	2.43		-31.63	46'-7"
P-50	2212+87.58	19.30	15.14	2.48		-31.53	46'-8"
P-51	2212+80.92	19.49	15.32	2.52	W30x211	-31.51	46'-10"
P-52	2212+76.76	19.59	15.42	2.55	W24x176	-31.50	46'-11"
P-53	2212+70.93	19.67	15.50	2.59	W30x211	-31.42	46'-11"
P-54	2212+64.26	19.76	15.59	2.63		-31.41	47'-0"
P-55	2212+57.60	19.85	15.68	2.68		-31.40	47'-1"
P-56	2212+50.94	19.94	15.78	2.72		-31.31	47'-1"
P-57	2212+44.25	19.98	15.81	2.82		-31.19	47'-0"
P-58	2212+37.60	19.97	15.80	2.96		-31.11	46'-11"
P-59	2212+30.96	19.96	15.79	3.09		-30.96	46'-9"
P-60	2212+24.31	19.95	15.78	3.23		-30.80	46'-7"
P-61	2212+17.41	19.94	15.77	3.37		-30.64	46'-5"
P-62	2212+11.02	19.93	15.77	3.50		-30.57	46'-4"
P-63	2212+04.37	19.92	15.76	3.63		-30.41	46'-2"
P-64	2211+97.72	19.91	15.75	3.77		-30.25	46'-0"
P-65	2211+91.08	19.91	15.74	3.90	W30x211	-30.18	45'-11"

PILE LAYOUT

Pile	Station at Working Point	Top of Parapet El.	Top of Pile El.	Bot. of Wall El.	Section	Pile Tip El.	Pile Length
P-66	2211+87.09	19.90	15.73	3.98	W24x176	-30.10	45'-10"
P-67	2211+81.11	19.89	15.73	4.10	W30x211	-29.94	45'-8"
P-68	2211+74.46	19.88	15.72	4.24		-29.78	45'-6"
P-69	2211+67.81	19.87	15.71	4.37		-29.71	45'-5"
P-70	2211+61.17	19.86	15.70	4.51		-29.55	45'-3"
P-71	2211+54.52	19.86	15.69	4.64		-29.39	45'-1"
P-72	2211+47.87	19.85	15.68	4.78		-29.24	44'-11"
P-73	2211+41.23	19.84	15.67	4.91		-29.16	44'-10"
P-74	2211+34.58	19.83	15.66	5.05		-29.00	44'-8"
P-75	2211+27.68	19.82	15.65	5.19		-28.85	44'-6"
P-76	2211+21.29	19.81	15.64	5.32		-28.69	44'-4"
P-77	2211+14.64	19.80	15.63	5.45		-28.62	44'-3"
P-78	2211+07.99	19.79	15.63	5.59		-28.46	44'-1"
P-79	2211+01.35	19.78	15.62	5.72	W30x211	-28.30	43'-11"
P-80	2210+97.19	19.78	15.61	5.92	W24x176	-24.14	39'-9"
P-81	2210+91.71	19.77	15.60	6.52		-23.56	39'-2"
P-82	2210+85.23	19.76	15.59	7.22		-22.82	38'-5"
P-83	2210+78.75	19.75	15.59	7.93		-22.08	37'-8"
P-84	2210+72.27	19.74	15.58	8.63		-21.42	37'-0"
P-85	2210+65.78	19.73	15.57	9.34		-20.68	36'-3"
P-86	2210+59.14	19.73	15.56	10.06		-19.94	35'-6"
P-87	2210+52.49	19.72	15.55	10.78		-19.28	34'-10"
P-88	2210+45.84	19.71	15.54	11.51	W24x176	-18.54	34'-1"



SERIES OF BAR CUTTING DIAGRAM

See table for dimensions. Make all cuts normal to bar axis

BAR TABLE SCHEDULE

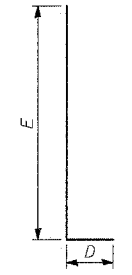
Bar	No. of Sets Req'd	No. of Bars Per Set	A	B	C
v(E)	1	31	4'-8"	5'-3"	9'-11"
v ₁ (E)	1	31	5'-3"	5'-10"	11'-1"
v ₂ (E)	1	31	5'-10"	6'-7"	12'-5"
v ₃ (E)	1	31	6'-7"	7'-3"	13'-10"
v ₄ (E)	1	31	7'-3"	8'-2"	15'-5"
v ₅ (E)	1	31	8'-2"	9'-1"	17'-3"
v ₆ (E)	1	31	9'-1"	10'-0"	19'-1"
v ₇ (E)	1	31	10'-0"	10'-10"	20'-10"
v ₈ (E)	1	31	10'-10"	11'-9"	22'-7"
v ₉ (E)	1	31	11'-9"	12'-8"	24'-5"
v ₁₀ (E)	1	31	12'-8"	13'-3"	25'-11"
v ₁₁ (E)	1	31	13'-3"	13'-11"	27'-2"
v ₁₂ (E)	1	31	14'-1"	13'-6"	27'-7"
v ₁₃ (E)	1	31	13'-6"	12'-10"	26'-4"
v ₁₄ (E)	1	31	12'-10"	12'-2"	25'-0"
v ₁₅ (E)	1	31	12'-2"	11'-6"	23'-8"
v ₁₆ (E)	1	31	11'-6"	10'-11"	22'-5"
v ₁₇ (E)	1	31	10'-11"	7'-7"	18'-6"
v ₁₈ (E)	1	27	7'-7"	4'-8"	12'-3"

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
d(E)	429	#4	3'-0"	L
d ₁ (E)	429	#5	3'-0"	L
d ₂ (E)	429	#4	3'-10"	L
d ₃ (E)	429	#5	4'-10"	L
d ₄ (E)	213	#4	5'-3"	L
d ₅ (E)	192	#6	6'-6"	—
d ₆ (E)	21	#5	4'-3"	—
d ₇ (E)	21	#5	5'-4"	—
e(E)	54	#4	31'-8"	—
e ₁ (E)	40	#5	32'-2"	—
e ₂ (E)	18	#8	34'-6"	—
e ₃ (E)	30	#4	29'-8"	—
e ₄ (E)	26	#5	29'-8"	—
e ₅ (E)	10	#5	29'-8"	—
e ₆ (E)	8	#5	25'-10"	—
h(E)	332	#5	32'-2"	—
h ₁ (E)	191	#5	29'-8"	—
h ₂ (E)	21	#5	25'-10"	—
v(E)	31	#4	9'-11"	—
v ₁ (E)	31	#4	11'-1"	—
v ₂ (E)	31	#4	12'-5"	—
v ₃ (E)	31	#4	13'-10"	—
v ₄ (E)	31	#4	15'-5"	—
v ₅ (E)	31	#4	17'-3"	—
v ₆ (E)	31	#4	19'-1"	—
v ₇ (E)	31	#4	20'-10"	—
v ₈ (E)	31	#4	22'-7"	—
v ₉ (E)	31	#4	24'-5"	—
v ₁₀ (E)	31	#4	25'-11"	—
v ₁₁ (E)	31	#4	27'-2"	—
v ₁₂ (E)	62	#4	14'-0"	—
v ₁₃ (E)	31	#4	27'-7"	—
v ₁₄ (E)	31	#4	26'-4"	—
v ₁₅ (E)	31	#4	25'-0"	—
v ₁₆ (E)	31	#4	23'-8"	—
v ₁₇ (E)	31	#4	22'-5"	—
v ₁₈ (E)	31	#4	18'-6"	—
v ₁₉ (E)	27	#4	12'-3"	—

Material	Unit	Quantity
Reinforcement Bars, Epoxy Coated	POUND	40,310
Concrete Structures	CU YD	336
Protective Coat	SQ YD	1,045
Furnishing Soldier Piles (HP Section)	FOOT	194
Furnishing Soldier Piles (W Section)	FOOT	3,268
Drilling and Setting Soldier Piles (in Soil)	CU FT	23,276

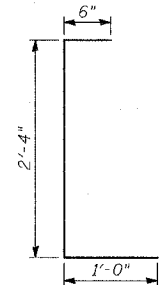
Reinforcement bars designated (E) shall be epoxy coated.



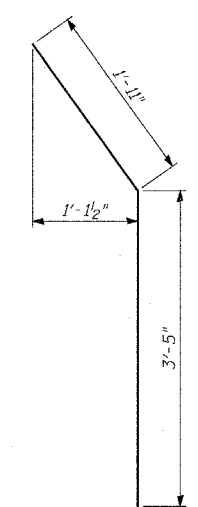
MARK TABLE

Bar	D	E
d(E)	6"	2'-6"
d ₁ (E)	6"	2'-6"
d ₄ (E)	11"	4'-4"

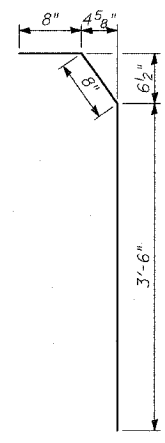
BARS d(E), d₁(E) & d₄(E)



BAR d₂(E)



BAR d₇(E)



BAR d₃(E)

