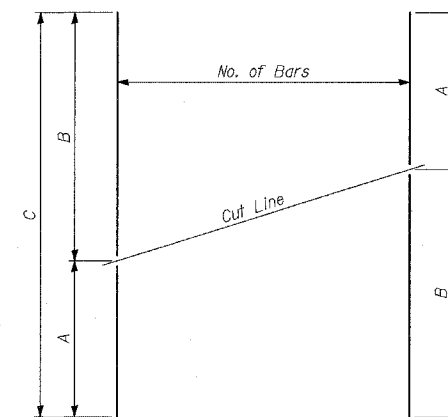


**PILE LAYOUT**

Pile	Station at Working Point	Top of Wall EL.	Top of Pile EL.	Bot. of Wall EL.	Section	Pile Tip EL.	Pile Length
P-1	2257+59.59	-0.41	-2.41	-5.20	W21x147	-31.24	28'-10"
P-2	2257+52.09	-0.39	-2.39	-5.74		-31.80	29'-5"
P-3	2257+44.59	-0.36	-2.36	-6.28		-32.36	30'-0"
P-4	2257+37.09	-0.33	-2.33	-6.83		-32.83	30'-6"
P-5	2257+29.59	-0.31	-2.31	-7.37		-33.39	31'-1"
P-6	2257+22.09	-0.28	-2.28	-7.91		-33.95	31'-8"
P-7	2257+14.59	-0.26	-2.26	-8.46		-34.51	32'-3"
P-8	2257+07.09	-0.23	-2.23	-9.00		-35.06	32'-10"
P-9	2256+99.59	-0.21	-2.21	-9.55		-35.62	33'-5"
P-10	2256+92.09	-0.18	-2.18	-10.09		-36.10	33'-11"
P-11	2256+84.59	-0.15	-2.15	-10.63		-36.65	34'-6"
P-12	2256+77.09	-0.13	-2.13	-11.18	W21x147	-37.21	35'-1"
P-13	2256+69.59	-0.10	-2.10	-11.43	W24x176	-39.44	37'-4"
P-14	2256+62.09	-0.08	-2.08	-11.39		-39.41	37'-4"
P-15	2256+54.59	-0.05	-2.05	-11.35		-39.38	37'-4"
P-16	2256+47.09	-0.03	-2.03	-11.31		-39.36	37'-4"
P-17	2256+39.59	0.00	-2.00	-11.27		-39.33	37'-4"
P-18	2256+32.09	0.03	-1.97	-11.23		-39.31	37'-4"
P-19	2256+24.59	0.05	-1.95	-11.19		-39.20	37'-3"
P-20	2256+17.09	0.08	-1.92	-11.15		-39.17	37'-3"
P-21	2256+09.59	0.10	-1.90	-11.11		-39.15	37'-3"
P-22	2256+02.09	0.13	-1.87	-11.08		-39.12	37'-3"
P-23	2255+94.59	0.15	-1.85	-11.04		-39.10	37'-3"
P-24	2255+87.09	0.18	-1.82	-11.00		-39.07	37'-3"
P-25	2255+79.59	0.21	-1.79	-10.96		-38.96	37'-2"
P-26	2255+72.09	0.23	-1.77	-10.92		-38.94	37'-2"
P-27	2255+64.59	0.26	-1.74	-10.88		-38.91	37'-2"
P-28	2255+57.09	0.28	-1.72	-10.84		-38.88	37'-2"
P-29	2255+49.59	0.31	-1.69	-10.80		-38.86	37'-2"
P-30	2255+42.09	0.33	-1.67	-10.76		-38.83	37'-2"
P-31	2255+34.59	0.36	-1.64	-10.72		-38.72	37'-1"
P-32	2255+27.09	0.39	-1.61	-10.68		-38.70	37'-1"
P-33	2255+19.59	0.41	-1.59	-10.64		-38.67	37'-1"
P-34	2255+12.09	0.44	-1.56	-10.60		-38.65	37'-1"
P-35	2255+04.59	0.46	-1.54	-10.57		-38.62	37'-1"
P-36	2254+97.09	0.49	-1.51	-10.53		-38.59	37'-1"
P-37	2254+89.59	0.51	-1.49	-10.49		-38.57	37'-1"
P-38	2254+82.09	0.54	-1.46	-10.45		-38.46	37'-0"
P-39	2254+74.59	0.57	-1.43	-10.41		-38.43	37'-0"
P-40	2254+67.09	0.59	-1.41	-10.37		-38.41	37'-0"
P-41	2254+59.59	0.62	-1.38	-10.33		-38.38	37'-0"
P-42	2254+52.09	0.64	-1.36	-10.29		-38.36	37'-0"
P-43	2254+44.59	0.67	-1.33	-10.25		-38.33	37'-0"
P-44	2254+37.09	0.69	-1.31	-10.21		-38.22	36'-11"
P-45	2254+29.59	0.72	-1.28	-10.17		-38.20	36'-11"
P-46	2254+22.09	0.75	-1.25	-10.13		-38.17	36'-11"
P-47	2254+14.59	0.77	-1.23	-10.09		-38.15	36'-11"
P-48	2254+07.09	0.80	-1.20	-10.06	W24x176	-38.12	36'-11"
P-49	2253+99.59	0.82	-1.18	-10.02	W21x147	-38.09	36'-11"
P-50	2253+92.09	0.85	-1.15	-9.98		-37.99	36'-10"
P-51	2253+84.59	0.87	-1.13	-9.94		-37.96	36'-10"
P-52	2253+77.09	0.90	-1.10	-9.90		-37.93	36'-10"
P-53	2253+69.59	0.93	-1.07	-9.86		-37.91	36'-10"
P-54	2253+62.09	0.95	-1.05	-9.82		-37.88	36'-10"
P-55	2253+54.59	0.98	-1.02	-9.78		-37.86	36'-10"
P-56	2253+47.09	1.00	-1.00	-9.74		-37.75	36'-9"
P-57	2253+39.59	1.03	-0.97	-9.70		-37.72	36'-9"
P-58	2253+32.09	1.05	-0.95	-9.66		-37.70	36'-9"
P-59	2253+24.59	1.08	-0.92	-9.62		-37.67	36'-9"
P-60	2253+17.09	1.11	-0.89	-9.58		-37.64	36'-9"
P-61	2253+09.59	1.14	-0.86	-9.55		-37.61	36'-9"
P-62	2253+02.09	1.19	-0.81	-9.51		-37.56	36'-9"
P-63	2252+94.59	1.24	-0.76	-9.47		-37.51	36'-9"
P-64	2252+87.09	1.29	-0.71	-9.43		-37.46	36'-9"
P-65	2252+79.59	1.34	-0.66	-9.39	W21x147	-37.41	36'-9"

**PILE LAYOUT**

Pile	Station at Working Point	Top of Wall EL.	Top of Pile EL.	Bot. of Wall EL.	Section	Pile Tip EL.	Pile Length
P-66	2252+72.09	1.39	-0.61	-9.35	W21x147	-37.36	36'-9"
P-67	2252+64.59	1.44	-0.56	-9.31		-37.31	36'-9"
P-68	2252+57.09	1.49	-0.51	-9.27		-37.35	36'-10"
P-69	2252+49.59	1.54	-0.46	-9.23		-37.30	36'-10"
P-70	2252+42.09	1.59	-0.41	-9.19		-37.25	36'-10"
P-71	2252+34.59	1.64	-0.36	-9.15		-37.20	36'-10"
P-72	2252+27.09	1.69	-0.31	-9.11	W21x147	-37.15	36'-10"
P-73	2252+19.59	1.76	-0.24	-9.07	W24x176	-37.15	36'-11"
P-74	2252+12.09	1.87	-0.13	-9.03		-37.05	36'-11"
P-75	2252+04.59	1.97	-0.03	-9.00		-37.03	37'-0"
P-76	2251+97.09	2.08	0.08	-8.96		-37.01	37'-1"
P-77	2251+89.59	2.18	0.18	-8.92		-36.98	37'-2"
P-78	2251+82.09	2.29	0.29	-8.88		-36.88	37'-2"
P-79	2251+74.59	2.39	0.39	-8.84		-36.86	37'-3"
P-80	2251+67.09	2.50	0.50	-8.80		-36.84	37'-4"
P-81	2251+59.59	2.60	0.60	-8.76		-36.82	37'-5"
P-82	2251+52.09	2.71	0.71	-8.72		-36.79	37'-6"
P-83	2251+44.59	2.81	0.81	-8.68		-36.69	37'-6"
P-84	2251+37.09	2.92	0.92	-8.64		-36.67	37'-7"
P-85	2251+29.59	3.02	1.02	-8.54		-34.56	35'-7"
P-86	2251+22.09	3.13	1.13	-8.37		-34.37	35'-6"
P-87	2251+14.59	3.23	1.23	-8.20		-34.27	35'-6"
P-88	2251+07.09	3.33	1.33	-8.03		-34.08	35'-5"
P-89	2250+99.59	3.44	1.44	-7.86		-33.89	35'-4"
P-90	2250+92.09	3.54	1.54	-7.69		-33.71	35'-3"
P-91	2250+84.59	3.65	1.65	-7.52		-33.52	35'-2"
P-92	2250+77.09	3.75	1.75	-7.34		-33.41	35'-2"
P-93	2250+69.59	3.86	1.86	-7.17		-33.22	35'-1"
P-94	2250+62.09	3.96	1.96	-7.00		-33.04	35'-0"
P-95	2250+54.59	4.07	2.07	-6.83		-32.85	34'-11"
P-96	2250+47.09	4.17	2.17	-6.66	W24x176	-32.74	34'-11"
P-97	2250+39.59	4.28	2.28	-6.49	W21x147	-32.55	34'-10"
P-98	2250+32.09	4.38	2.38	-6.32		-32.37	34'-9"
P-99	2250+24.59	4.49	2.49	-6.15		-32.18	34'-8"
P-100	2250+17.09	4.59	2.59	-5.98		-31.99	34'-7"
P-101	2250+09.59	4.70	2.70	-5.81		-31.89	34'-7"
P-102	2250+02.09	4.80	2.80	-5.64		-31.70	34'-6"
P-103	2249+94.59	4.91	2.91	-5.47		-31.51	34'-5"
P-104	2249+87.09	5.01	3.01	-5.30		-31.32	34'-4"
P-105	2249+79.59	5.12	3.12	-5.13		-31.13	34'-3"
P-106	2249+72.09	5.22	3.22	-4.96		-31.03	34'-3"
P-107	2249+64.59	5.33	3.33	-4.79		-30.84	34'-2"
P-108	2249+57.09	5.43	3.43	-4.62	W21x147	-30.65	34'-1"
P-109	2249+49.59	5.50	3.50	-4.46	W18x143	-29.50	33'-0"
P-110	2249+42.09	5.54	3.54	-4.30		-29.38	32'-11"
P-111	2249+34.59	5.57	3.57	-4.15		-29.18	32'-9"
P-112	2249+27.09	5.61	3.61	-4.00		-29.06	32'-8"
P-113	2249+19.59	5.64	3.64	-3.84		-28.86	32'-6"
P-114	2249+12.09	5.68	3.68	-3.69		-28.74	32'-5"
P-115	2249+04.59	5.71	3.71	-3.53		-28.54	32'-3"
P-116	2248+97.09	5.75	3.75	-3.38		-28.42	32'-2"
P-117	2248+89.59	5.78	3.78	-3.23		-28.30	32'-1"
P-118	2248+82.09	5.82	3.82	-3.07		-28.10	31'-11"
P-119	2248+74.59	5.85	3.85	-2.92		-27.98	31'-10"
P-120	2248+67.09	5.88	3.88	-2.77	W18x143	-27.78	31'-8"
P-121	2248+59.59	5.92	3.92	-2.61	HP14x117	-25.66	29'-7"
P-122	2248+52.09	5.95	3.95	-2.46		-25.46	29'-5"
P-123	2248+44.59	5.99	3.99	-2.31		-25.34	29'-4"
P-124	2248+37.09	6.02	4.02	-2.15		-25.23	29'-3"
P-125	2248+29.59	6.06	4.06	-2.00		-25.02	29'-1"
P-126	2248+22.09	6.09	4.09	-1.85		-24.91	29'-0"
P-127	2248+14.59	6.13	4.13	-1.69		-24.70	28'-10"
P-128	2248+07.09	6.16	4.16	-1.54		-24.59	28'-9"
P-129	2247+99.59	6.08	4.08	-1.38		-23.42	27'-6"
P-130	2247+92.09	5.88	3.88	-1.23		-23.29	27'-2"
P-131	2247+84.59	5.68	3.68	-1.08		-23.16	26'-10"
P-132	2247+77.09	5.48	3.48	-0.92		-22.94	26'-5"
P-133	2247+69.59	5.28	3.28	-0.77		-22.81	26'-1"
P-134	2247+62.09	5.07	3.07	-0.62		-22.68	25'-9"
P-135	2247+54.59	4.87	2.87	-0.46		-22.54	25'-5"
P-136	2247+47.09	4.67	2.67	-0.31	HP14x117	-22.33	25'-0"



**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
w(E)	1	31	5'-2"	7'-1"	12'-3"
v <sub>1</sub> (E)	1	31	7'-1"	9'-1"	16'-2"
v <sub>2</sub> (E)	1	31	9'-1"	11'-0"	20'-1"
v <sub>3</sub> (E)	2	31	10'-6"	10'-9"	21'-3"
v <sub>4</sub> (E)	2	31	10'-9"	11'-0"	21'-9"
v <sub>5</sub> (E)	2	31	11'-0"	11'-4"	22'-4"
v <sub>6</sub> (E)	1	31	10'-6"	10'-3"	20'-9"
v <sub>7</sub> (E)	1	31	10'-3"	10'-0"	20'-3"
v <sub>8</sub> (E)	1	31	10'-0"	9'-9"	19'-9"
v <sub>9</sub> (E)	1	31	9'-9"	9'-3"	19'-0"
v <sub>10</sub> (E)	1				