

SAMPLE BUILDING H/HP14x117-69'/HP14x89-45'  
OP: ACS Date: 10-September-2019

RMX: Maximum Case Method Capacity (JC) STK: Hammer Stroke  
CSX: Compression Stress Maximum EMX: Maximum Energy  
CSB: Compression Stress at Bottom of Pile

BL#	Depth ft	BLC **	TYPE	RMX kips	CSX ksi	CSB ksi	STK ft	EMX k-ft
10	67.1	4	AV10	119	24.4	8.7	5.9	57.3
20	69.5	4	AV10	137	24.0	9.3	5.8	54.5
30	71.7	5	AV10	145	25.7	10.4	6.1	61.0
40	73.7	5	AV10	164	26.2	11.3	6.3	61.0
50	75.6	6	AV10	191	27.6	12.5	6.7	65.0
60	77.3	6	AV10	211	29.0	13.5	7.0	69.0
70	78.9	6	AV10	239	29.1	13.7	7.1	68.2
80	80.4	7	AV10	254	29.6	13.8	7.2	70.3
90	81.9	7	AV10	280	30.3	13.8	7.4	73.0
100	83.4	7	AV10	310	30.4	14.3	7.4	72.2
110	84.9	7	AV10	320	30.4	14.5	7.4	71.4
120	86.2	8	AV10	334	30.6	15.2	7.5	72.1
130	87.4	8	AV10	345	31.1	15.5	7.6	74.3
140	88.7	8	AV10	352	31.0	15.2	7.6	73.6
150	90.0	8	AV10	361	30.9	15.3	7.6	73.5
160	91.2	8	AV10	369	31.5	15.2	7.8	75.6
170	92.4	8	AV10	381	31.3	15.4	7.7	74.1
180	93.7	8	AV10	390	32.0	16.5	7.9	77.6
190	94.9	8	AV10	391	31.7	16.2	7.8	75.8
200	96.1	8	AV10	391	31.5	15.8	7.8	74.8
210	97.3	8	AV10	396	32.0	16.3	7.9	76.0
220	98.5	8	AV10	397	32.3	17.0	8.0	76.4
230	99.6	8	AV10	449	34.3	18.9	8.5	83.0
240	100.5	15	AV10	505	34.8	20.9	8.7	83.5
250	101.1	15	AV10	540	35.4	23.0	8.9	84.0
260	101.8	15	AV10	573	35.9	24.6	9.0	84.3
270	102.5	15	AV10	597	36.3	25.9	9.2	85.4
280	103.1	15	AV10	599	36.4	25.9	9.2	85.5
290	103.8	15	AV10	606	36.3	26.0	9.1	84.2
300	104.4	17	AV10	617	35.9	26.6	9.2	84.2
310	105.0	17	AV10	645	36.0	27.8	9.2	84.3
320	105.4	24	AV10	726	37.0	30.4	9.6	89.0
330	105.8	24	AV10	775	37.4	31.7	9.8	92.0
340	106.3	24	AV10	773	37.4	31.5	9.8	91.5
350	106.7	24	AV10	756	37.3	30.8	9.7	90.8
360	107.1	24	AV10	739	36.7	30.0	9.5	88.9
370	107.5	24	AV10	761	37.1	30.7	9.7	90.8
380	107.9	24	AV10	778	37.0	31.1	9.6	90.0
390	108.3	31	AV10	788	37.4	31.1	9.8	92.0
400	108.6	31	AV10	814	37.6	31.5	9.9	92.6
410	108.9	31	AV10	856	37.7	32.2	9.9	93.1
420	109.2	31	AV10	913	37.8	33.1	10.0	94.0
430	109.5	31	AV10	966	38.5	34.4	10.3	97.6
440	109.9	31	AV10	1,000	38.8	35.3	10.4	99.6
444	110.0	31	AV4	1,024	39.0	35.8	10.5	99.7
Average				510	33.3	21.6	8.4	79.9

Total number of blows analyzed: 444



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