

W

1897

1897

1897

1897

#689-A.

DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.

Roadway 16 feet wide.

Side Slopes 1 on 1.

For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	0
1	9.0	9.1	9.2	9.3	9.4	9.5	9.6	9.7	9.8	9.9	1
2	10.0	10.1	10.2	10.3	10.4	10.5	10.6	10.7	10.8	10.9	2
3	11.0	11.1	11.2	11.3	11.4	11.5	11.6	11.7	11.8	11.9	3
4	12.0	12.1	12.2	12.3	12.4	12.5	12.6	12.7	12.8	12.9	4
5	13.0	13.1	13.2	13.3	13.4	13.5	13.6	13.7	13.8	13.9	5
6	14.0	14.1	14.2	14.3	14.4	14.5	14.6	14.7	14.8	14.9	6
7	15.0	15.1	15.2	15.3	15.4	15.5	15.6	15.7	15.8	15.9	7
8	16.0	16.1	16.2	16.3	16.4	16.5	16.6	16.7	16.8	16.9	8
9	17.0	17.1	17.2	17.3	17.4	17.5	17.6	17.7	17.8	17.9	9
10	18.0	18.1	18.2	18.3	18.4	18.5	18.6	18.7	18.8	18.9	10
11	19.0	19.1	19.2	19.3	19.4	19.5	19.6	19.7	19.8	19.9	11
12	20.0	20.1	20.2	20.3	20.4	20.5	20.6	20.7	20.8	20.9	12
13	21.0	21.1	21.2	21.3	21.4	21.5	21.6	21.7	21.8	21.9	13
14	22.0	22.1	22.2	22.3	22.4	22.5	22.6	22.7	22.8	22.9	14
15	23.0	23.1	23.2	23.3	23.4	23.5	23.6	23.7	23.8	23.9	15
16	24.0	24.1	24.2	24.3	24.4	24.5	24.6	24.7	24.8	24.9	16
17	25.0	25.1	25.2	25.3	25.4	25.5	25.6	25.7	25.8	25.9	17
18	26.0	26.1	26.2	26.3	26.4	26.5	26.6	26.7	26.8	26.9	18
19	27.0	27.1	27.2	27.3	27.4	27.5	27.6	27.7	27.8	27.9	19
20	28.0	28.1	28.2	28.3	28.4	28.5	28.6	28.7	28.8	28.9	20
21	29.0	29.1	29.2	29.3	29.4	29.5	29.6	29.7	29.8	29.9	21
22	30.0	30.1	30.2	30.3	30.4	30.5	30.6	30.7	30.8	30.9	22
23	31.0	31.1	31.2	31.3	31.4	31.5	31.6	31.7	31.8	31.9	23
24	32.0	32.1	32.2	32.3	32.4	32.5	32.6	32.7	32.8	32.9	24
25	33.0	33.1	33.2	33.3	33.4	33.5	33.6	33.7	33.8	33.9	25
26	34.0	34.1	34.2	34.3	34.4	34.5	34.6	34.7	34.8	34.9	26
27	35.0	35.1	35.2	35.3	35.4	35.5	35.6	35.7	35.8	35.9	27
28	36.0	36.1	36.2	36.3	36.4	36.5	36.6	36.7	36.8	36.9	28
29	37.0	37.1	37.2	37.3	37.4	37.5	37.6	37.7	37.8	37.9	29
30	38.0	38.1	38.2	38.3	38.4	38.5	38.6	38.7	38.8	38.9	30
31	39.0	39.1	39.2	39.3	39.4	39.5	39.6	39.7	39.8	39.9	31
32	40.0	40.1	40.2	40.3	40.4	40.5	40.6	40.7	40.8	40.9	32
33	41.0	41.1	41.2	41.3	41.4	41.5	41.6	41.7	41.8	41.9	33
34	42.0	42.1	42.2	42.3	42.4	42.5	42.6	42.7	42.8	42.9	34
35	43.0	43.1	43.2	43.3	43.4	43.5	43.6	43.7	43.8	43.9	35
36	44.0	44.1	44.2	44.3	44.4	44.5	44.6	44.7	44.8	44.9	36
37	45.0	45.1	45.2	45.3	45.4	45.5	45.6	45.7	45.8	45.9	37
38	46.0	46.1	46.2	46.3	46.4	46.5	46.6	46.7	46.8	46.9	38
39	47.0	47.1	47.2	47.3	47.4	47.5	47.6	47.7	47.8	47.9	39
40	48.0	48.1	48.2	48.3	48.4	48.5	48.6	48.7	48.8	48.9	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 30.6. For same slopes but other widths of roadbed, correct above figures by one-half difference in width of roadbed; thus in example above, for 20 ft. roadbed distance will be $30.6 + (20 - 16) \div 2$ or 2 ft. added to $30.6 = 32.6$. For slopes of 1 on $1\frac{1}{2}$ see inside of back cover.

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IX-sects (10's) Alvarado Treatment Plant site
 Pasonia Filter site
 CONT. from BK. 688 Page 156
 545.38 ✓

3450	10.5	534.9 ✓
10's	9.7	35.7 ✓
20's	8.6	36.8 ✓
30's	8.4	37.0 ✓
40's	7.9	37.5 ✓
50's	7.5	37.9 ✓
60's	7.2	38.2 ✓
70's	7.0	38.4 ✓
80's	6.8	38.6 ✓
90's	6.2	39.2 ✓
100's	5.2	40.2 ✓
110's	5.0	40.4 ✓
120's	4.6	40.8 ✓
130's	4.6	40.8 ✓
140's	5.0	40.4 ✓
150's	5.4	40.0 ✓
160's	5.2	40.2 ✓
170's	5.3	40.1 ✓

King 9-21-45

HANLEY
 KLINGSTAD
 LEONARD

2.

545.38 ✓

3150		
180's	5.7	539.7 ✓
190's	6.2	39.2 ✓
200's	6.9	38.5 ✓
210's	7.1	38.3 ✓
220's	7.5	37.9 ✓
230's	7.8	37.6 ✓
240's	8.4	37.0 ✓
250's	8.7	36.7 ✓
260's	9.1	36.3 ✓
270's	9.4	36.0 ✓
280's	10.0	35.4 ✓
290's	10.3	35.1 ✓
300's	SEE PAGE 70	10.7 34.7 ✓
3140	10.6	34.8 ✓
10's	9.9	35.5 ✓
20's	8.6	36.8 ✓
30's	8.6	36.8 ✓
40's	8.3	37.1 ✓

	545.38 ✓		
3+40			
50's	7.8	537.6	✓
60's	7.5	37.9	✓
70's	7.0	38.4	✓
80's	7.1	38.3	✓
90's	6.8	38.6	✓
100's	5.6	39.8	✓
110's	5.1	40.3	✓
120's	4.6	40.8	✓
130's	4.5	40.9	✓
140's	5.0	40.4	✓
150's	5.1	40.3	✓
160's	5.6	39.8	✓
170's	5.5	39.9	✓
180's	5.5	39.9	✓
190's	6.0	39.4	✓
200's	6.6	38.8	✓
210's	7.1	38.3	✓
220's	7.4	38.0	✓

	545.38 ✓		
3+40			
230's	7.7	537.7	✓
240's	8.1	37.3	✓
250's	8.5	36.9	✓
260's	8.7	36.7	✓
270's	9.2	36.2	✓
280's	9.7	35.7	✓
290's	10.2	35.2	✓
300's	SEE PAGE 72	10.6	34.8
3+30		10.8	34.6
10's		10.0	35.4
20's		8.7	36.7
30's		8.5	36.9
40's		8.3	37.1
50's		8.0	37.4
60's		7.5	37.9
70's		7.0	38.4
80's		6.8	38.6
90's		6.7	38.7

	545.38 ✓		
3+30			
100's	5.7	539.7 ✓	
110's	5.1	40.3 ✓	
120's	4.9	40.5 ✓	
130's	4.5	40.9 ✓	
140's	4.9	40.5 ✓	
150's	5.2	40.2 ✓	
160's	5.2	40.2 ✓	
170's	6.1	39.3 ✓	
180's	5.8	39.6 ✓	
190's	5.8	39.6 ✓	
200's	6.3	39.1 ✓	
210's	6.7	38.7 ✓	
220's	7.4	38.0 ✓	
230's	7.0	38.4 ✓	
240's	7.8	37.6 ✓	
250's	8.1	37.3 ✓	
260's	8.6	36.8 ✓	
270's	9.0	36.4 ✓	

	545.38 ✓		
3+30			
280's	9.8	535.6 ✓	
290's	10.0	35.4 ✓	
300's	SEE PAGE 79	10.4	35.0 ✓
3+20	10.6	34.8 ✓	
10's	10.1	35.3 ✓	
20's	8.7	36.7 ✓	
30's	8.5	36.9 ✓	
40's	8.2	37.2 ✓	
50's	7.8	37.6 ✓	
60's	7.5	37.9 ✓	
70's	7.2	38.2 ✓	
80's	6.8	38.6 ✓	
90's	6.4	39.0 ✓	
100's	5.6	39.8 ✓	
110's	5.3	40.1 ✓	
120's	5.0	40.4 ✓	
130's	4.8	40.6 ✓	
140's	4.7	40.7 ✓	

	545.38 ✓		
3+20			
150's	5.1	540.3 ✓	
160's	5.2	40.2 ✓	
170's	5.4	40.0 ✓	
180's	6.2	39.2 ✓	
190's	6.1	39.3 ✓	
200's	6.0	39.4 ✓	
210's	6.5	38.9 ✓	
220's	7.0	38.4 ✓	
230's	6.7	38.7 ✓	
240's	7.6	37.8 ✓	
250's	7.8	37.6 ✓	
260's	7.9	37.5 ✓	
270's	8.9	36.5 ✓	
280's	9.5	35.9 ✓	
290's	9.8	35.6 ✓	
300's	10.0	35.4 ✓	SEE PAGE 74
3+10	10.7	34.7 ✓	
10's	10.0	35.4 ✓	

	545.38 ✓		
3+10			
20's	8.6	536.8 ✓	
30's	8.5	36.9 ✓	
40's	8.3	37.1 ✓	
50's	8.0	37.4 ✓	
60's	7.7	37.7 ✓	
70's	7.2	38.2 ✓	
80's	7.0	38.4 ✓	
90's	6.1	39.3 ✓	
100's	5.9	39.5 ✓	
110's	5.1	40.3 ✓	
120's	4.9	40.5 ✓	
130's	4.8	40.6 ✓	
140's	4.7	40.7 ✓	
150's	5.0	40.4 ✓	
160's	5.1	40.3 ✓	
170's	5.2	40.2 ✓	
180's	5.3	40.1 ✓	
190's	5.8	39.6 ✓	

3+10	545.38 ✓		
200's	6.4	539.0 ✓	
210's	6.3	39.1 ✓	
220's	6.7	38.7 ✓	
230's	7.4	38.0 ✓	
240's	7.7	37.7 ✓	
250's	7.8	37.6 ✓	
260's	8.0	37.4 ✓	
270's	8.9	36.5 ✓	
280's	9.3	36.1 ✓	
290's	9.5	35.9 ✓	
300's	9.9	35.5 ✓	SEE PAGE 76
3+00	10.7	34.7 ✓	
10's	10.1	35.3 ✓	
20's	8.6	36.8 ✓	
30's	8.5	36.9 ✓	
40's	8.3	37.1 ✓	
50's	8.1	37.3 ✓	
60's	7.7	37.7 ✓	

3+00	545.38 ✓		
70's	7.4	538.0 ✓	
80's	7.0	38.4 ✓	
90's	6.3	39.1 ✓	
100's	5.7	39.7 ✓	
110's	5.2	40.2 ✓	
120's	4.8	40.6 ✓	
130's	4.7	40.7 ✓	
140's	4.7	40.7 ✓	
150's	4.9	40.5 ✓	
160's	5.2	40.2 ✓	
170's	5.3	40.1 ✓	
180's	5.4	40.0 ✓	
190's	5.7	39.7 ✓	
200's	6.1	39.3 ✓	
210's	6.5	38.9 ✓	
220's	6.6	38.8 ✓	
230's	6.9	38.5 ✓	
240's	7.5	37.9 ✓	

2100	545.38 ✓	
250's	8.0	537.4 ✓
260's	8.4	37.0 ✓
270's	8.8	36.6 ✓
280's	9.2	36.2 ✓
290's	9.5	35.9 ✓
300's	9.7	35.7 ✓
2190	10.9	34.5 ✓
10's	10.1	35.3 ✓
20's	8.5	36.9 ✓
30's	8.5	36.9 ✓
40's	8.4	37.0 ✓
50's	8.2	37.2 ✓
60's	7.9	37.5 ✓
70's	7.6	37.8 ✓
80's	7.2	38.2 ✓
90's	6.3	39.1 ✓
100's	5.6	39.8 ✓
110's	5.1	40.3 ✓

SEE PAGE 77

2190	545.38	
120's	4.9	540.5 ✓
130's	4.9	40.5 ✓
140's	4.6	40.8 ✓
150's	4.7	40.7 ✓
160's	5.0	40.4 ✓
170's	5.1	40.3 ✓
180's	5.3	40.1 ✓
190's	5.5	39.9 ✓
200's	6.4	39.0 ✓
210's	7.2	38.2 ✓
220's	6.6	38.8 ✓
230's	6.9	38.5 ✓
240's	7.3	38.1 ✓
250's	7.8	37.6 ✓
260's	8.1	37.3 ✓
270's	8.8	36.6 ✓
280's	9.0	36.4 ✓
290's	9.2	36.2 ✓

2+90	545.38	
300's	SEE PAGE 79	9.5 535.9 ✓
2+80		11.0 34.4 ✓
10's		10.0 35.4 ✓
20's		8.6 36.8 ✓
30's		8.5 36.9 ✓
40's		8.4 37.0 ✓
50's		8.3 37.1 ✓
60's		8.0 37.4 ✓
70's		7.6 37.8 ✓
80's		7.3 38.1 ✓
90's		6.5 38.9 ✓
100's		5.4 40.0 ✓
110's		5.1 40.3 ✓
120's		4.9 40.5 ✓
130's		4.8 40.6 ✓
140's		4.5 40.9 ✓
150's		4.7 40.7 ✓
160's		4.9 40.5 ✓

2+90	545.38	
170's		4.9 540.5 ✓
180's		5.2 40.2 ✓
190's		5.4 40.0 ✓
200's		5.4 40.0 ✓
210's		5.8 39.6 ✓
220's		6.7 38.7 ✓
230's		7.0 38.4 ✓
240's		7.2 38.2 ✓
250's		7.3 38.1 ✓
260's		7.1 38.3 ✓
270's		8.4 37.0 ✓
280's		8.8 36.6 ✓
290's		9.0 36.4 ✓
300's	SEE PAGE 80	9.4 36.0 ✓
2+70		11.0 34.4 ✓
10's		10.2 35.2 ✓
20's		8.6 36.8 ✓
30's		8.5 36.9 ✓

2+70	545.38		
40's	8.4	537.0	✓
50's	8.3	37.1	✓
60's	8.0	37.4	✓
70's	7.7	37.7	✓
80's	7.3	38.1	✓
90's	7.1	38.3	✓
100's	5.5	39.9	✓
110's	5.1	40.3	✓
120's	5.0	40.4	✓
130's	4.8	40.6	✓
140's	4.6	40.8	✓
150's	4.5	40.9	✓
160's	4.8	40.6	✓
170's	4.9	40.5	✓
180's	5.2	40.2	✓
190's	5.4	40.0	✓
200's	SEE PAGE 105	5.6	39.8
2+60	10.8	34.6	✓

2+60	545.38		
10's	9.7	535.7	✓
20's	8.7	36.7	✓
30's	8.5	36.9	✓
40's	8.3	37.1	✓
50's	8.2	37.2	✓
60's	8.0	37.4	✓
70's	7.6	37.8	✓
80's	7.5	37.9	✓
90's	6.7	38.7	✓
100's	5.7	39.7	✓
110's	5.1	40.3	✓
120's	5.0	40.4	✓
130's	4.8	40.6	✓
140's	4.6	40.8	✓
150's	4.6	40.8	✓
160's	4.7	40.7	✓
170's	4.8	40.6	✓
180's	5.0	40.4	✓

2+60	545.38		
190's	5.3	540.1	✓
200's	SEE PAGE 106	5.5	39.9 ✓
2+50	10.7	34.7	✓
10's	9.5	35.9	✓
20's	8.7	36.7	✓
30's	8.4	37.0	✓
40's	8.1	37.3	✓
50's	8.0	37.4	✓
60's	7.8	37.6	✓
70's	7.5	37.9	✓
80's	7.3	38.1	✓
90's	5.6	39.8	✓
100's	5.2	40.2	✓
110's	4.9	40.5	✓
120's	4.8	40.6	✓
130's	4.7	40.7	✓
140's	4.6	40.8	✓
150's	4.3	41.1	✓

2+50	545.38		
160's	4.5	540.9	✓
170's	4.6	40.8	✓
180's	4.9	40.5	✓
190's	5.0	40.4	✓
200's	SEE PAGE 106	5.2	40.2 ✓
2+40	10.6	34.8	✓
10's	9.8	35.6	✓
20's	8.6	36.8	✓
30's	8.3	37.1	✓
40's	7.9	37.5	✓
50's	7.7	37.7	✓
60's	7.2	38.2	✓
70's	7.1	38.3	✓
80's	6.8	38.6	✓
90's	5.2	40.2	✓
100's	4.7	40.7	✓
110's	4.4	41.0	✓
120's	4.8	40.6	✓

	545.38		
2740			
130's	4.3	541.1	✓
140's	4.5	40.9	✓
150's	4.2	41.2	✓
160's	4.4	41.0	✓
170's	4.4	41.0	✓
180's	4.8	40.6	✓
190's	4.9	40.5	✓
200's	SEE PAGE 107	5.0	40.4
2730		10.5	34.9
10's		9.4	36.0
20's		8.4	37.0
30's		8.1	37.3
40's		7.5	37.9
50's		7.0	38.4
60's		6.9	38.5
70's		6.4	39.0
80's		6.1	39.3
90's		5.0	40.4

	545.38		
2730			
100's	4.5	540.9	✓
110's	4.5	40.9	✓
120's	4.5	40.9	✓
130's	4.5	40.9	✓
140's	4.4	41.0	✓
150's	4.3	41.1	✓
160's	4.1	41.3	✓
170's	4.2	41.2	✓
180's	4.5	40.9	✓
190's	SEE PAGE 107	4.5	40.9
			35.0
2720		10.4	34.5
10's		9.1	36.3
20's		8.4	37.0
30's		8.1	37.3
40's		7.7	37.7
50's		7.1	38.3
60's		6.8	38.6
70's		6.5	38.9

2+20	545.38		
80's	6.0	539.4	✓
90's	4.8	40.6	✓
100's	4.4	41.0	✓
110's	4.3	41.1	✓
120's	4.4	41.0	✓
130's	4.3	41.1	✓
140's	4.1	41.3	✓
150's	4.1	41.3	✓
160's	4.2	41.2	✓
170's	4.1	41.3	✓
180's	4.2	41.2	✓
185's	House SEE PAGE 108	4.2	41.2 ✓
2+10	10.0	35.4	✓
10's	8.4	37.0	✓
20's	8.5	36.9	✓
30's	8.2	37.2	✓
40's	7.6	37.8	✓
50's	7.0	38.4	✓

2+10	545.38		
60's	6.7	538.7	✓
70's	6.3	39.1	✓
80's	5.7	39.7	✓
90's	4.8	40.6	✓
100's	4.4	41.0	✓
110's	4.4	41.0	✓
120's	4.2	41.2	✓
130's	4.3	41.1	✓
140's	4.2	41.2	✓
150's	GARAGE 3.9	41.5	✓
170's	4.5	40.9	✓
180's	SEE PAGE 109 4.5	40.9	✓
2+00	10.0	35.4	✓
10's	8.6	36.8	✓
20's	8.5	36.9	✓
30's	8.2	37.2	✓
40's	7.7	37.7	✓
50's	7.0	38.4	✓

545.38

2700			
60's	6.7	538.7	✓
70's	6.2	39.2	✓
80's	4.9	40.5	✓
90's	4.6	40.8	✓
100's	4.3	41.1	✓
110's	4.4	41.0	✓
120's	4.3	41.1	✓
130's	4.2	41.2	✓
140's	4.0	41.4	✓
145's	SEE PAGE 109	4.0	41.4
1490	10.1	35.3	✓
10's	8.7	36.7	✓
20's	8.5	36.9	✓
30's	8.4	37.0	✓
40's	7.7	37.7	✓
50's	7.0	38.4	✓
60's	6.8	38.6	✓

GARAGE

SEE PAGE 109

545.38

1490			
70's	6.2	539.2	✓
80's	4.7	40.7	✓
90's	4.6	40.8	✓
100's	4.4	41.0	✓
110's	4.3	41.1	✓
120's	4.1	41.3	✓
130's	4.0	41.4	✓
140's	SEE PAGE 110	4.0	41.4
1480	10.3	35.1	✓
10's	9.8	35.6	✓
20's	8.6	36.8	✓
30's	8.4	37.0	✓
40's	7.8	37.6	✓
50's	7.2	38.2	✓
60's	6.8	38.6	✓
70's	6.0	39.4	✓
80's	4.7	40.7	✓
90's	4.6	40.8	✓

	545.38		
1180			
100's		4.4	541.0 ✓
110's		4.3	41.1 ✓
120's		4.1	41.3 ✓
130's		4.1	41.3 ✓
140's		4.3	41.1 ✓
150's		4.2	41.2 ✓
160's	SEE PAGE 111	4.2	41.2 ✓
1170		10.5	34.9 ✓
10's		9.8	35.6 ✓
20's		8.7	36.7 ✓
30's		8.5	36.9 ✓
40's		8.0	37.4 ✓
50's		7.4	38.0 ✓
60's		6.7	38.7 ✓
70's		5.8	39.6 ✓
80's		4.4	41.0 ✓
90's		4.6	40.8 ✓
100's		4.5	40.9 ✓

	545.38		
1170			
110's	0.182	4.5	540.9 ✓
120's		4.4	41.0 ✓
130's		4.4	41.0 ✓
140's		4.2	41.2 ✓
150's		4.3	41.1 ✓
160's	SEE PAGE 111	4.4	41.0 ✓
1160		10.8	34.6 ✓
10's		10.3	35.1 ✓
20's		9.0	36.4 ✓
30's		8.6	36.8 ✓
40's		8.2	37.2 ✓
50's		7.5	37.9 ✓
60's		6.8	38.6 ✓
70's		5.6	39.8 ✓
80's		4.9	40.5 ✓
90's		4.7	40.7 ✓
100's		4.6	40.8 ✓
110's		4.4	41.0 ✓

1160	545.38		
120's		4.4	541.0 ✓
130's		4.1	41.3 ✓
140's		4.2	41.2 ✓
150's		4.1	41.3 ✓
160's	SEE PAGE 112	4.3	41.1 ✓
1750		11.2	34.2 ✓
10's		10.5	34.9 ✓
20's		9.8	35.6 ✓
30's		8.7	36.7 ✓
40's		8.4	37.0 ✓
50's		7.8	37.6 ✓
60's		7.0	38.4 ✓
70's		5.7	39.7 ✓
80's		4.9	40.5 ✓
90's		5.0	40.4 ✓
100's		4.9	40.5 ✓
110's		4.7	40.7 ✓
120's		4.3	41.1 ✓

1150	545.38		
130's		4.2	541.2 ✓
140's		4.2	41.2 ✓
150's		4.2	41.2 ✓
160's	SEE PAGE 113	4.2	41.2 ✓
1740		11.5	33.9 ✓
10's		10.8	34.6 ✓
20's		10.3	35.1 ✓
30's		9.3	36.1 ✓
40's		8.5	36.9 ✓
50's		8.1	37.3 ✓
60's		7.3	38.1 ✓
70's		6.1	39.3 ✓
80's		5.4	40.0 ✓
90's		5.2	40.2 ✓
100's		5.3	40.1 ✓
110's		4.4	41.0 ✓
120's		4.3	41.1 ✓
130's		4.3	41.1 ✓

	545.38		
1+40			
140's	4.2	541.2	✓
150's	4.3	41.1	✓
160's	4.2	41.2	✓
170's	4.4	41.0	✓
1+30	11.7	33.7	✓
10's	11.2	34.2	✓
20's	10.6	34.8	✓
30's	10.2	35.2	✓
40's	8.7	36.7	✓
50's	8.3	37.1	✓
60's	7.2	38.2	✓
70's	6.5	38.9	✓
80's	6.0	39.4	✓
90's	5.6	39.8	✓
100's	5.6	39.8	✓
110's	4.7	40.7	✓
120's	5.0	40.4	✓
130's	4.7	40.7	✓

SEE PAGE 114

	545.38		
1+30			
140's	4.9	540.5	✓
150's	4.8	40.6	✓
160's	4.8	40.6	✓
170's	5.0	40.4	✓
1+20	12.1	33.3	✓
10's	11.7	33.7	✓
20's	11.1	34.3	✓
30's	10.8	34.6	✓
40's	9.2	36.2	✓
50's	8.4	37.0	✓
60's	7.9	37.5	✓
70's	7.0	38.4	✓
80's	6.3	39.1	✓
90's	6.3	39.1	✓
100's	5.9	39.5	✓
110's	5.7	39.7	✓
120's	5.3	40.1	✓
130's	5.5	39.9	✓

SEE PAGE 115

	545.38		
1720			
140's	5.2	540.2	✓
150's	4.9	40.5	✓
160's	SEE PAGE 115	40.4	✓
1710	12.7	32.7	✓
10's	12.2	33.2	✓
20's	12.0	33.4	✓
30's	11.0	34.4	✓
40's	9.3	36.1	✓
50's	8.8	36.6	✓
60's	8.2	37.2	✓
70's	7.6	37.8	✓
80's	7.3	38.1	✓
90's	6.8	38.6	✓
100's	6.3	39.1	✓
110's	6.3	39.1	✓
114's	HOUSE SEE PAGE 116	39.1	✓
1700	13.1	32.3	✓
10's	12.7	32.7	✓

	545.38		
1700			
20's	12.2	533.2	✓
30's	11.0	34.4	✓
40's	9.8	35.6	✓
50's	9.2	36.2	✓
60's	8.7	36.7	✓
70's	8.0	37.4	✓
80's	7.7	37.7	✓
90's	7.4	38.0	✓
100's	6.0	39.4	✓
106's	HOUSE SEE PAGE 117	6.0	39.4
T.P	8.74	541.52	12.60 532.78 ✓
0790	9.9	531.6	✓
10's	9.2	32.3	✓
20's	8.0	33.5	✓
30's	7.2	34.3	✓
40's	6.3	35.2	✓

	541.52		
0+90			
50's	6.0	535.5	✓
60's	5.1	36.4	✓
70's	4.7	36.8	✓
80's	4.3	37.2	✓
90's	3.9	37.6	✓
100's	3.9	37.6	✓
110's	3.4	38.1	✓
113's	HOUSE SEE PAGE 118	3.1	38.4
0+80	10.3	31.2	✓
10's	9.4	32.1	✓
20's	8.3	33.2	✓
30's	7.7	33.8	✓
40's	7.1	34.4	✓
50's	6.3	35.2	✓
60's	6.0	35.5	✓
70's	5.5	36.0	✓
80's	5.1	36.4	✓
90's	4.8	36.7	✓

	541.52		
0+80			
100's		4.5	537.0
110's		4.0	37.5
120's	HOUSE	3.6	37.9
122's	SEE PAGE 120	3.6	37.9
0+70		10.5	31.0
10's		9.7	31.8
20's		8.8	32.7
30's		8.2	33.3
40's		7.6	33.9
50's		6.9	34.6
60's		6.6	34.9
70's		6.2	35.3
80's		5.7	35.8
90's		5.3	36.2
100's		5.0	36.5
110's		4.6	36.9
120's		4.5	37.0
130's		4.3	37.2

0+70	HOUSE	541.52		
134's	SEE PAGE	122	4.3	537.2 ✓
0+60			11.1	30.4 ✓
10's			10.5	31.0 ✓
20's			9.7	31.8 ✓
30's			8.6	32.9 ✓
40's			7.8	33.7 ✓
50's			7.3	34.2 ✓
60's			7.2	34.3 ✓
70's			6.8	34.7 ✓
80's			6.2	35.3 ✓
90's			6.0	35.5 ✓
100's			5.3	36.2 ✓
110's			5.0	36.5 ✓
120's			4.9	36.6 ✓
130's			4.8	36.7 ✓
140's			4.3	37.2 ✓
150's	SEE PAGE	124	4.2	37.3 ✓
0+50			12.1	29.4 ✓

0+50		541.52		
10's			11.4	530.1 ✓
20's			10.4	31.1 ✓
30's			9.2	32.3 ✓
40's			8.3	33.2 ✓
50's			7.9	33.6 ✓
60's			7.6	33.9 ✓
70's			7.0	34.5 ✓
80's			7.2	34.3 ✓
90's			6.5	35.0 ✓
100's			6.0	35.5 ✓
110's			5.6	35.9 ✓
120's			5.5	36.0 ✓
130's			5.3	36.2 ✓
140's			5.5	36.0 ✓
150's			5.3	36.2 ✓
160's	SEE PAGE	125	5.4	36.1 ✓
0+40			12.0	28.5 ✓
10's			12.0	29.5 ✓

	541.52		
0+10			
20's	11.4	530.1	✓
30's	10.4	31.1	✓
40's	9.5	32.0	✓
50's	9.0	32.5	✓
60's	8.5	33.0	✓
70's	7.5	34.0	✓
80's	7.8	33.7	✓
90's	7.1	34.4	✓
100's	6.6	34.9	✓
110's	5.9	35.6	✓
120's	6.1	35.4	✓
130's	6.0	35.5	✓
140's	6.2	35.3	✓
150's	6.3	35.2	✓
160's	6.1	35.4	✓
0+30	13.8	27.7	✓
10's	12.8	28.7	✓
20's	12.1	29.4	✓

	541.52				
0+30					
30's	11.3	530.2	✓		
40's	9.8	31.7	✓		
50's	8.8	32.7	✓		
60's	8.8	32.7	✓		
70's	9.1	32.4	✓		
80's	8.3	33.2	✓		
90's	7.8	33.7	✓		
100's	7.2	34.3	✓		
110's	7.2	34.3	✓		
120's	7.0	34.5	✓		
130's	7.3	34.2	✓		
140's	7.2	34.3	✓		
150's	7.0	34.5	✓		
160's	7.2	34.3	✓		
170's	6.4	35.1	✓		
T.P.	4.39	533.02	12.89	528.63	✓

533.02

0+20		6.1	526.9 ✓
10'S		5.3	27.7 ✓
20'S		4.1	28.9 ✓
30'S	SEE PAGE 65	3.0	30.0 ✓
0+10		7.1	25.9 ✓
10'S		6.2	26.8 ✓
20'S		5.3	27.7 ✓
30'S	SEE PAGE 64	4.2	28.8 ✓
0+00		7.7	25.3 ✓
10'S		6.8	26.2 ✓
20'S	SEE PAGE 63	5.2	27.8 ✓
10'N		8.9	24.1 ✓
20'N		10.0	23.0 ✓
30'N		11.1	21.9 ✓
40'N		12.3	20.7 ✓
44'N	Water Level 9 AM. 9-22-45	12.7	20.3 ✓
0+10 10'N		8.0	25.0 ✓
20'N		8.7	24.3 ✓

533.02

0+10			
30'N		10.0	523.0 ✓
40'N		11.2	21.8 ✓
50'N		12.5	20.5 ✓
52'N	Water		
	END	12.7	20.3 ✓
0+20 10'N		6.8	26.2 ✓
20'N		7.6	25.4 ✓
30'N		8.5	24.5 ✓
40'N		9.9	23.1 ✓
50'N		11.2	21.8 ✓
60'N	Water		
	END	12.7	20.3 ✓
0+30 10'N		6.0	27.0 ✓
20'N		6.8	26.2 ✓
30'N		8.0	25.0 ✓
40'N		9.4	23.6 ✓
50'N		11.0	22.0 ✓
60'N		12.2	20.8 ✓
62'N	Water		
	END	12.7	20.3 ✓
0+40 10'N		5.2	27.8 ✓

533.02

0+40			
20'N		6.1	526.9 ✓
30'N		7.5	25.5 ✓
40'N		9.0	24.0 ✓
50'N		10.6	22.4 ✓
60'N		11.9	21.1 ✓
66'N	WATER END	12.7	20.3 ✓
0+50			
10'N		4.2	28.8 ✓
20'N		5.1	27.9 ✓
30'N		6.9	26.1 ✓
40'N		8.1	24.9 ✓
50'N		9.5	23.5 ✓
60'N		10.8	22.2 ✓
70'N		12.2	20.8 ✓
74'N	water END	12.7	20.3 ✓
0+60			
10'N		3.5	29.5 ✓
20'N		5.2	27.8 ✓
30'N		6.5	26.5 ✓
40'N		7.6	25.4 ✓

533.02

0+60			
50'N		9.0	524.0 ✓
60'N		10.5	22.5 ✓
70'N		11.9	21.1 ✓
75'N	WATER END	12.7	20.3 ✓
0+70			
10'N		3.4	29.6 ✓
20'N		4.5	28.5 ✓
30'N		5.7	27.3 ✓
40'N		7.1	25.9 ✓
50'N		8.3	24.7 ✓
60'N		9.5	23.5 ✓
70'N		10.8	22.2 ✓
80'N	WATER END	12.7	20.3 ✓
0+80			
10'N		2.5	30.5 ✓
20'N		3.8	29.2 ✓
30'N		5.4	27.6 ✓
40'N		6.6	26.4 ✓
50'N		7.7	25.3 ✓
60'N		9.1	23.9 ✓

	533.02		
0+80			
70'N		10.4	522.6 ✓
80'N		11.8	21.2 ✓
87'N	WATER END	12.7	20.3 ✓
0+90 10'N		2.0	31.0 ✓
20'N		3.2	29.8 ✓
30'N		4.6	28.4 ✓
40'N		6.0	27.0 ✓
50'N		7.1	25.9 ✓
60'N		8.5	24.5 ✓
70'N		9.9	23.1 ✓
80'N		11.1	21.9 ✓
90'N	WATER END	12.7	20.3 ✓
1+00 10'N		1.7	31.3 ✓
20'N		2.8	30.2 ✓
30'N		3.7	29.3 ✓
40'N		5.3	27.7 ✓
50'N		6.7	26.3 ✓
60'N		8.0	25.0 ✓

	533.02		
1+00			
70'N		9.3	523.7 ✓
80'N		10.8	22.2 ✓
90'N		12.4	20.6 ✓
95'N	WATER END	12.7	20.3 ✓
1+10 10'N		1.1	31.9 ✓
20'N		2.3	30.7 ✓
30'N		3.5	29.5 ✓
40'N		4.8	28.2 ✓
50'N		6.3	26.7 ✓
60'N		7.5	25.5 ✓
70'N		8.8	24.2 ✓
80'N		10.4	22.6 ✓
90'N		11.6	21.4 ✓
98'N	WATER END	12.7	20.3 ✓
1+20 10'N		0.6	32.4 ✓
20'N		1.7	31.3 ✓
30'N		2.9	30.1 ✓
40'N		4.5	28.5 ✓

	533.02		
1+20			
50'N	6.0	527.0	✓
60'N	7.1	25.9	✓
70'N	8.4	24.6	✓
80'N	10.0	23.0	✓
90'N	11.4	21.6	✓
98'N	12.7	20.3	✓
1+30			
10'N	0.2	32.8	✓
20'N	1.4	31.6	✓
30'N	2.8	30.2	✓
40'N	4.0	29.0	✓
50'N	5.7	27.3	✓
60'N	6.9	26.1	✓
70'N	8.0	25.0	✓
80'N	9.4	23.6	✓
90'N	10.8	22.2	✓
100'N	12.7	20.3	✓
1+40			
10'N	0.00	33.0	✓
20'N	1.1	31.9	✓

WATER
ENDWATER
END

	533.02		
1+40			
30'N	2.6	530.4	✓
40'N	3.8	29.2	✓
50'N	5.4	27.6	✓
60'N	6.5	26.5	✓
70'N	7.8	25.2	✓
80'N	9.0	24.0	✓
90'N	10.7	22.3	✓
99'N	12.7	20.3	✓
1+50			
10'N	+0.4	33.4	✓
20'N	0.7	32.3	✓
30'N	2.0	31.0	✓
40'N	3.2	29.8	✓
50'N	4.8	28.2	✓
60'N	6.0	27.0	✓
70'N	7.4	25.6	✓
80'N	8.6	24.4	✓
90'N	10.4	22.6	✓
100'N	12.7	20.3	✓

WATER
ENDWATER
END

	533.02		
H60			
10'N		+1.0	534.0 ✓
20'N		0.4	32.6 ✓
30'N		1.4	31.6 ✓
40'N		2.7	30.3 ✓
50'N		4.8	28.2 ✓
60'N		6.2	26.8 ✓
70'N		7.3	25.7 ✓
80'N		8.8	24.2 ✓
90'N		10.5	22.5 ✓
100'N	WATER END	12.7	20.3 ✓
1+70 10'N		+1.0	34.0 ✓
20'N		+0.2	33.2 ✓
30'N		1.2	31.8 ✓
40'N		2.2	30.8 ✓
50'N		4.0	29.0 ✓
60'N		5.7	27.3 ✓
70'N		7.0	26.0 ✓
80'N		8.8	24.2 ✓

	533.02		
1+70			
90'N		10.5	522.5 ✓
100'N		11.8	21.2 ✓
104'N	WATER END	12.7	20.3 ✓
1+80 10'N		+1.4	34.4 ✓
20'N		+0.8	33.8 ✓
30'N		1.2	31.8 ✓
40'N		2.1	30.9 ✓
50'N		3.5	29.5 ✓
60'N		5.2	27.8 ✓
70'N		6.8	26.2 ✓
80'N		8.5	24.5 ✓
90'N		10.2	22.8 ✓
100'N		11.8	21.2 ✓
103'N	WATER END	12.7	20.3 ✓
1+90 10'N		+1.5	34.5 ✓
20'N		+0.2	33.2 ✓
30'N		0.9	32.1 ✓
40'N		2.0	31.0 ✓

	533.02			
1+90				
50'N		3.3	529.7	✓
60'N		4.8	28.2	✓
70'N		6.0	27.0	✓
80'N		7.7	25.3	✓
90'N		9.3	23.7	✓
100'N		11.4	21.6	✓
108'N	WATER END	12.7	20.3	✓
2+100 10'N		+1.6	34.6	✓
20'N		+0.4	33.4	✓
30'N		0.7	32.3	✓
40'N		2.0	31.0	✓
50'N		3.4	29.6	✓
60'N		4.5	28.5	✓
70'N		5.7	27.3	✓
80'N		7.3	25.7	✓
90'N		9.8	23.2	✓
100'N		11.6	21.4	✓
109'N	WATER END	12.7	20.3	✓

	533.02			
2+10				
10'N		+1.4	534.4	✓
20'N		+0.3	33.3	✓
30'N		1.0	32.0	✓
40'N		2.0	31.0	✓
50'N		2.8	30.2	✓
60'N		4.0	29.0	✓
70'N		5.6	27.4	✓
80'N		7.4	25.6	✓
90'N		9.9	23.1	✓
100'N		11.4	21.6	✓
110'N		12.4	20.6	✓
113'N	WATER END	12.7	20.3	✓
2+20 10'N		+1.2	34.2	✓
20'N		+0.7	33.7	✓
30'N		0.9	32.1	✓
40'N		2.0	31.0	✓
50'N		2.9	30.1	✓
60'N		4.1	28.9	✓

	533.02		
2+20			
70'N	5.5	527.5	✓
80'N	7.5	25.5	✓
90'N	9.4	23.6	✓
100'N	11.0	22.0	✓
110'N	12.2	20.8	✓
115'N	12.7	20.3	✓
2+30			
10'N	+1.1	34.1	✓
20'N	+0.4	33.4	✓
30'N	0.9	32.1	✓
40'N	1.7	31.3	✓
50'N	2.8	30.2	✓
60'N	4.1	28.9	✓
70'N	5.5	27.5	✓
80'N	6.9	26.1	✓
90'N	9.2	23.8	✓
100'N	10.5	22.5	✓
110'N	12.0	21.0	✓
115'N	12.7	20.3	✓

WATER
ENDWATER
END

	533.02		
2+40			
10'N	+1.2	534.2	✓
20'N	+0.2	33.2	✓
30'N	1.1	31.9	✓
40'N	1.9	31.1	✓
50'N	3.0	30.0	✓
60'N	4.3	28.7	✓
70'N	5.8	27.2	✓
80'N	7.5	25.5	✓
90'N	9.1	23.9	✓
100'N	10.4	22.6	✓
110'N	11.6	21.4	✓
115'N	12.7	20.3	✓
2+50			
10'N	+1.2	34.2	✓
20'N	0.00	33.0	✓
30'N	1.1	31.9	✓
40'N	2.2	30.8	✓
50'N	3.2	29.8	✓
60'N	4.5	28.5	✓

WATER
END

	533.02		
2+50			
70'N		5.9	527.1 ✓
80'N		7.6	25.4 ✓
90'N		9.3	23.7 ✓
100'N		10.5	22.5 ✓
110'N		12.2	20.8 ✓
112'N	Water END	12.7	20.3 ✓
2+60			
10'N		+0.5	33.5 ✓
20'N		0.3	32.7 ✓
30'N		1.3	31.7 ✓
40'N		2.0	31.0 ✓
50'N		2.8	30.2 ✓
60'N		4.4	28.6 ✓
70'N		6.1	26.9 ✓
80'N		7.7	25.3 ✓
90'N		9.3	23.7 ✓
100'N		11.0	22.0 ✓
110'N	Water END	12.7	20.3 ✓
2+70			
10'N		+0.4	33.4 ✓

	533.02		
2+70			
20'N		0.1	532.9 ✓
30'N		1.0	32.0 ✓
40'N		1.9	31.1 ✓
50'N		2.8	30.2 ✓
60'N		4.4	28.6 ✓
70'N		6.1	26.9 ✓
80'N		7.7	25.3 ✓
90'N		9.7	23.3 ✓
100'N		11.2	21.8 ✓
110'N		12.4	20.6 ✓
111'N	Water END	12.7	20.3 ✓
2+80			
10'N		+0.6	33.6 ✓
20'N		0.2	32.8 ✓
30'N		1.3	31.7 ✓
40'N		2.0	31.0 ✓
50'N		3.3	29.7 ✓
60'N		4.7	28.3 ✓
70'N		6.2	26.8 ✓

2+80	533.02		
80'N		8.6	524.4 ✓
90'N		10.4	22.6 ✓
100'N		12.0	21.0 ✓
106'N	WATER END	12.7	20.3 ✓
2+90 10'N		+0.8	33.8 ✓
20'N		0.00	33.0 ✓
30'N		1.0	32.0 ✓
40'N		2.2	30.8 ✓
50'N		2.9	30.1 ✓
60'N		4.8	28.2 ✓
70'N		6.7	26.3 ✓
80'N		8.6	24.4 ✓
90'N		10.4	22.6 ✓
100'N		11.8	21.2 ✓
109'N	WATER END	12.7	20.3 ✓
2+00 10'N		+0.8	33.8 ✓
20'N		0.5	32.5 ✓
30'N		1.3	31.7 ✓

2+00	533.02		
40'N		2.1	530.9 ✓
50'N		3.0	30.0 ✓
60'N		5.0	28.0 ✓
70'N		7.0	26.0 ✓
80'N		8.6	24.4 ✓
90'N		10.0	23.0 ✓
100'N		11.4	21.6 ✓
110'N	WATER END	12.7	20.3 ✓
2+10 10'N		+0.8	33.8 ✓
20'N		0.2	32.8 ✓
30'N		1.4	31.6 ✓
40'N		2.1	30.9 ✓
50'N		3.3	29.7 ✓
60'N		5.1	27.9 ✓
70'N		6.8	26.2 ✓
80'N		8.0	25.0 ✓
90'N		9.7	23.3 ✓
100'N		11.0	22.0 ✓

533.02

3+10				
10'N		12.3	520.7	✓
115'N	WATER END	12.7	20.3	✓
3+20				
10'N		+1.0	34.0	✓
20'N		0.00	33.0	✓
30'N		0.9	32.1	✓
40'N		1.9	31.1	✓
50'N		3.3	29.7	✓
60'N		5.4	27.6	✓
70'N		6.3	26.7	✓
80'N		8.1	24.9	✓
90'N		10.1	22.9	✓
100'N		11.2	21.7	✓
110'N		12.3	20.7	✓
113'N	WATER END	12.7	20.3	✓
3+30				
10'N		+0.9	33.9	✓
20'N		0.00	33.0	✓
30'N		0.8	32.2	✓
40'N		2.2	30.8	✓

533.02

3+20				
50'N		3.6	529.4	✓
60'N		4.8	28.2	✓
70'N		6.2	26.8	✓
80'N		8.0	25.0	✓
90'N		9.7	23.3	✓
100'N		10.9	22.1	✓
110'N		12.1	20.9	✓
117'N	WATER END	12.7	20.3	✓
3+40				
10'N		+1.1	34.1	✓
20'N		+0.3	33.3	✓
30'N		0.7	32.3	✓
40'N		2.0	31.0	✓
50'N		3.8	29.2	✓
60'N		4.7	28.3	✓
70'N		6.1	26.9	✓
80'N		7.9	25.1	✓
90'N		9.2	23.8	✓

3+40	533.02		
100'N	10.5	522.5	✓
110'N	11.3	21.7	✓
118'N	12.7	20.3	✓
3+50			
10'N	+1.1	34.1	✓
20'N	+0.4	33.4	✓
30'N	0.8	32.2	✓
40'N	2.0	31.0	✓
50'N	3.6	29.4	✓
60'N	4.4	28.6	✓
70'N	5.8	27.2	✓
80'N	7.3	25.7	✓
90'N	8.7	24.3	✓
100'N	10.0	23.0	✓
110'N	11.0	22.0	✓
120'N	12.7	20.3	✓
3+60			
10'N	+1.2	34.2	✓
20'N	+0.5	33.5	✓
30'N	0.2	32.8	✓

WATER
ENDWATER
END

3+60	533.02		
40'N	1.7	531.3	✓
50'N	3.2	29.8	✓
60'N	4.0	29.0	✓
70'N	4.5	28.5	✓
80'N	6.4	26.6	✓
90'N	8.0	25.0	✓
100'N	9.6	23.4	✓
110'N	11.0	22.0	✓
120'N	12.3	20.7	✓
122'N	12.7	20.3	✓
3+70			
10'N	+2.0	35.0	✓
20'N	+0.7	33.7	✓
30'N	0.1	32.9	✓
40'N	1.5	31.5	✓
50'N	2.9	30.1	✓
60'N	3.6	29.4	✓
70'N	4.2	28.8	✓
80'N	5.9	27.1	✓

WATER
END

	533.02		
3+90			
90'N	7.7	525.3	✓
100'N	9.2	23.8	✓
110'N	10.6	22.4	✓
120'N	11.7	21.3	✓
126'N	12.7	20.3	✓
3+80			
10'N	+2.0	35.0	✓
20'N	+1.0	34.0	✓
30'N	0.00	33.0	✓
40'N	0.9	32.1	✓
50'N	1.8	31.2	✓
60'N	3.0	30.0	✓
70'N	4.4	28.6	✓
80'N	5.6	27.4	✓
90'N	7.2	25.8	✓
100'N	8.7	24.3	✓
110'N	9.7	23.3	✓
120'N	11.3	21.7	✓
127'N	12.7	20.3	✓

WATER
ENDWATER
END

	533.02		
3+90			
10'N	+2.7	535.7	✓
20'N	+1.9	34.9	✓
30'N	+0.9	33.9	✓
40'N	0.1	32.9	✓
50'N	1.0	32.0	✓
60'N	2.6	30.4	✓
70'N	4.1	28.9	✓
80'N	5.2	27.8	✓
90'N	6.4	26.6	✓
100'N	8.0	25.0	✓
110'N	9.2	23.8	✓
120'N	10.7	22.3	✓
130'N	12.4	20.6	✓
132'N	12.7	20.3	✓
TP	8.42	539.73	1.71 531.31 ✓
B.M. Top 04M		3.36	536.37 ✓ 536.39

WATER
END

City Datum

63

9-24-45
King
KlingerHunley
Leonard

TOP DAM

B.M.	3.57	539.96	536.39	City Datum
0+00				
40's		12.0	28.0	✓
50's		11.8	28.2	✓
60's		11.2	28.8	✓
70's		10.7	29.3	✓
80's		10.4	29.6	✓
90's		10.0	30.0	✓
100's		9.4	30.6	✓
110's		9.0	31.0	✓
120's		8.7	31.3	✓
130's		8.6	31.4	✓
140's	TOILET	8.5	31.5	✓
150's		8.3	31.7	✓
160's		8.0	32.0	✓
170's		8.6	31.4	✓
180's		8.3	31.7	✓
190's		8.8	31.2	✓

64

539.96

0+00				
200's		6.6	533.4	✓
210's	SEE PAGE 133	6.5	33.5	✓
0+10 50's		10.5	29.5	✓
60's		9.8	30.2	✓
70's		9.5	30.5	✓
80's		8.8	31.2	✓
90's	GARAGE	7.1	32.9	✓
108's	SOUTH END GARAGE			
110's		8.4	31.6	✓
120's		7.7	32.3	✓
130's		7.9	32.1	✓
140's		7.6	32.4	✓
150's		7.1	32.9	✓
160's		7.3	32.7	✓
170's		6.8	33.2	✓
180's		6.8	33.2	✓
190's	SEE PAGE 132	5.8	34.2	✓
193's	BARN	5.8	34.2	✓

		539.96			
0+20					
55's	DAM		9.3	530.7	✓
60's			9.0	31.0	✓
70's			8.6	31.4	✓
80's			7.9	32.1	✓
88's	GARAGE		7.0	33.0	✓
107's	SOUTH END GARAGE		6.3	33.7	✓
110's			6.3	33.7	✓
120's			6.1	33.9	✓
130's			6.5	33.5	✓
146's			6.5	33.5	✓
150's			6.5	33.5	✓
160's			6.3	33.7	✓
170's			5.8	34.2	✓
180's	SEC PAGE 130		5.8	34.2	✓
185's	SHED		5.2	34.8	✓
TP	9.42	545.81	3.57	536.39	✓
TP	1.01	538.19	8.63	537.18	✓

		538.19			
3+90					
316's			4.3	533.9	✓
320's			4.7	33.5	✓
330's			5.1	33.1	✓
340's			5.6	32.6	✓
350's			6.1	32.1	✓
360's			6.4	31.8	✓
370's			6.8	31.4	✓
380's			7.2	31.0	✓
390's			7.7	30.5	✓
400's			8.1	30.1	✓
410's			8.5	29.7	✓
420's			8.8	29.4	✓
430's			9.0	29.2	✓
440's			9.4	28.8	✓
450's			10.0	28.2	✓
460's			10.5	27.7	✓
470's			10.8	27.4	✓
480's			11.2	27.0	✓

	53819		
3+90			
490's	11.6	526.6	✓
500's	11.8	26.4	✓
510's END	12.0	26.2	✓
3+80, 310's	4.1	34.1	✓
320's	4.5	33.7	✓
330's	4.9	33.3	✓
340's	5.2	33.0	✓
350's	5.9	32.3	✓
360's	6.3	31.9	✓
370's	6.7	31.5	✓
380's	7.3	30.9	✓
390's	7.6	30.6	✓
400's	8.0	30.2	✓
410's	8.2	30.0	✓
420's	8.3	29.9	✓
430's	8.7	29.5	✓
440's	9.2	29.0	✓
450's	9.6	28.6	✓

	538.19		
3+80			
460's	10.1	528.1	✓
470's	10.5	27.7	✓
480's	10.9	27.3	✓
490's	11.4	26.8	✓
500's	11.6	26.6	✓
510's END	11.8	26.4	✓
3+70 310's	4.1	34.1	✓
320's	4.4	33.8	✓
330's	4.9	33.3	✓
340's	5.2	33.0	✓
350's	5.7	32.5	✓
360's	6.3	31.9	✓
370's	6.6	31.6	✓
380's	7.2	31.0	✓
390's	7.5	30.7	✓
400's	7.8	30.4	✓
410's	8.0	30.2	✓
420's	8.3	29.9	✓

3+70	538.19		
430's		8.7	529.5 ✓
440's		9.1	29.1 ✓
450's		9.5	28.7 ✓
460's		10.0	28.2 ✓
470's		10.4	27.8 ✓
480's		10.7	27.5 ✓
490's		11.1	27.1 ✓
500's		11.3	26.9 ✓
510's		11.7	26.5 ✓
520's	END	12.0	26.2 ✓
3+60 310's		3.7	34.5 ✓
320's		4.3	33.9 ✓
330's		4.6	33.6 ✓
340's		4.9	33.3 ✓
350's		5.4	32.8 ✓
360's		5.8	32.4 ✓
370's		6.3	31.9 ✓
380's		6.8	31.4 ✓

3+60	538.19		
390's		7.1	531.1 ✓
400's		7.6	30.6 ✓
410's		7.9	30.3 ✓
420's		8.3	29.9 ✓
430's		8.5	29.7 ✓
440's		8.8	29.4 ✓
450's		9.3	28.9 ✓
460's		9.5	28.7 ✓
470's		10.0	28.2 28.0 ✓
480's		10.4	27.8 ✓
490's		10.7	27.5 ✓
500's		11.1	27.1 ✓
510's		11.4	26.8 ✓
520's		11.8	26.4 ✓
530's		12.1	26.1 ✓
540's	END	12.3	25.9 ✓
3+50 310's		3.8	34.4 ✓
320's		4.0	34.2 ✓

	538.19		
3+50			
330's	4.4	533.8	✓
340's	4.8	33.4	✓
350's	5.2	33.0	✓
360's	5.5	32.7	✓
370's	6.2	32.0	✓
380's	6.6	31.6	✓
390's	6.9	31.3	✓
400's	7.3	30.9	✓
410's	7.8	30.4	✓
420's	7.9	30.3	✓
430's	8.4	29.8	✓
440's	8.7	29.5	✓
450's	9.0	29.2	✓
460's	9.3	28.9	✓
470's	9.7	28.5	✓
480's	10.0	28.2	✓
490's	10.5	27.7	✓
500's	10.9	27.3	✓

	538.19		
3+50			
510's	11.1	527.1	✓
520's	11.4	26.8	✓
530's	11.8	26.4	✓
540's	12.0	26.2	✓
3+40 310's	3.7	34.5	✓
320's	4.0	34.2	✓
330's	4.3	33.9	✓
340's	4.6	33.6	✓
350's	5.0	33.2	✓
360's	5.4	32.8	✓
370's	6.0	32.2	✓
380's	6.3	31.9	✓
390's	6.7	31.5	✓
400's	7.1	31.1	✓
410's	7.5	30.7	✓
420's	7.9	30.3	✓
430's	8.3	29.9	✓
440's	8.4	29.8	✓

	538.19		
3+40			
450's	8.8	529.4	✓
460's	9.2	29.0	✓
470's	9.6	28.6	✓
480's	10.0	28.2	✓
490's	10.2	28.0	✓
500's	10.6	27.6	✓
510's	10.8	27.4	✓
520's	11.0	27.2	✓
530's	11.4	26.8	✓
540's	11.8	26.4	✓
3+30 310's	2.4	34.8	✓
320's	2.7	34.5	✓
330's	4.1	34.1	✓
340's	4.3	33.9	✓
350's	4.7	33.5	✓
360's	5.2	33.0	✓
370's	5.6	32.6	✓
380's	6.0	32.2	✓

	538.19		
3+30			
390's	6.4	531.8	✓
400's	6.8	31.4	✓
410's	7.1	31.1	✓
420's	7.5	30.7	✓
430's	8.0	30.2	✓
440's	8.3	29.9	✓
450's	8.8	29.4	✓
460's	8.9	29.3	✓
470's	9.3	28.9	✓
480's	9.6	28.6	✓
490's	9.9	28.3	✓
500's	10.1	28.1	✓
510's	10.4	27.8	✓
520's	10.9	27.3	✓
530's	11.1	27.1	✓
540's	11.5	26.7	✓
3+20 310's	3.1	35.1	✓
320's	3.7	34.5	✓

	538.19		
3120			
330's	4.0	534.2	✓
340's	4.2	34.0	✓
350's	4.6	33.6	✓
360's	5.0	33.2	✓
370's	5.5	32.7	✓
380's	5.9	32.3	✓
390's	6.2	32.0	✓
400's	6.5	31.7	✓
410's	6.9	31.3	✓
420's	7.5	30.7	✓
430's	7.8	30.4	✓
440's	8.0	30.2	✓
450's	8.3	29.9	✓
460's	8.7	29.5	✓
470's	9.0	29.2	✓
480's	9.2	29.0	✓
490's	9.6	28.6	✓
500's	9.8	28.4	✓

	538.19		
3120			
510's	10.4	527.8	✓
520's	10.4	27.8	✓
530's	10.8	27.4	✓
540's	11.3	26.9	✓
550's	11.6	26.6	✓
3+10 310's	3.4	34.8	✓
320's	3.5	34.7	✓
330's	3.9	34.3	✓
340's	4.2	34.0	✓
350's	4.5	33.7	✓
360's	5.0	33.2	✓
370's	5.3	32.9	✓
380's	5.7	32.5	✓
390's	6.1	32.1	✓
400's	6.4	31.8	✓
410's	6.8	31.4	✓
420's	7.1	31.1	✓
430's	7.3	30.9	✓

	538.19		
310			
440's	7.7	530.5	✓
450's	8.0	30.2	✓
460's	8.4	29.8	✓
470's	8.7	29.5	✓
480's	9.0	29.2	✓
490's	9.2	29.0	✓
500's	9.4	28.8	✓
510's	10.0	28.2	✓
520's	10.3	27.9	✓
530's	10.7	27.5	✓
540's	11.0	27.2	✓
550's	11.3	26.9	✓
560's	11.6	26.6	✓
3100			
310's	2.7	35.5	✓
320's	3.2	35.0	✓
330's	3.5	34.7	✓
340's	4.0	34.2	✓
350's	4.3	33.9	✓

	538.19		
3100			
360's	4.8	533.4	✓
370's	5.3	32.9	✓
380's	5.4	32.8	✓
390's	5.8	32.4	✓
400's	6.2	32.0	✓
410's	6.5	31.7	✓
420's	6.8	31.4	✓
430's	7.1	31.1	✓
440's	7.4	30.8	✓
450's	7.7	30.5	✓
460's	8.0	30.2	✓
470's	8.3	29.9	✓
480's	8.6	29.6	✓
490's	8.9	29.3	✓
500's	9.2	29.0	✓
510's	9.7	28.5	✓
520's	10.0	28.2	✓
530's	10.3	27.9	✓

	538.19		
3100			
540's	10.7	527.5	✓
550's	11.0	27.2	✓
560's	11.2	27.0	✓
570's	11.6	26.6	✓
580's	12.2	26.0	✓
2190			
310's	2.6	35.6	✓
320's	2.9	35.3	✓
330's	3.4	34.8	✓
340's	3.9	34.3	✓
350's	4.1	34.1	✓
360's	4.5	33.7	✓
370's	4.9	33.3	✓
380's	5.4	32.8	✓
390's	5.5	32.7	✓
400's	5.8	32.4	✓
410's	6.1	32.1	✓
420's	6.5	31.7	✓
430's	6.9	31.3	✓

	538.19		
2190			
440's	7.0	531.2	✓
450's	7.2	31.0	✓
460's	7.7	30.5	✓
470's	8.0	30.2	✓
480's	8.5	29.7	✓
490's	8.9	29.3	✓
500's	9.1	29.1	✓
510's	9.4	28.8	✓
520's	9.8	28.4	✓
530's	10.0	28.2	✓
540's	10.4	27.8	✓
550's	10.5	27.7	✓
560's	11.0	27.2	✓
570's	11.3	26.9	✓
580's	12.0	26.2	✓
590's	12.5	25.7	✓
2180			
310's	2.4	35.8	✓
320's	2.9	35.3	✓

	538.19		
2780			
330's		3.2	535.0 ✓
340's		3.5	34.7 ✓
350's		3.9	34.3 ✓
360's		4.4	33.8 ✓
370's		4.7	33.5 ✓
380's		5.1	33.1 ✓
390's		5.4	32.8 ✓
400's		5.8	32.4 ✓
410's		6.1	32.1 ✓
420's		6.5	31.7 ✓
430's		6.7	31.5 ✓
440's		7.0	31.2 ✓
450's		7.3	30.9 ✓
460's		7.6	30.6 ✓
470's		8.0	30.2 ✓
480's		8.1	30.1 ✓
490's		8.5	29.7 ✓
500's		9.0	29.2 ✓

	538.19		
2780			
510's		9.1	529.1 ✓
520's		9.3	28.9 ✓
530's		9.6	28.6 ✓
540's		9.9	28.3 ✓
550's		10.3	27.9 ✓
560's		10.8	27.4 ✓
570's		11.3	26.9 ✓
580's		11.7	26.5 ✓
590's		11.9	26.3 ✓
600's	END	12.3	25.9 ✓
2790			
310's		2.3	35.9 ✓
320's		2.6	35.6 ✓
330's		3.2	35.0 ✓
340's		3.4	34.8 ✓
350's		3.6	34.6 ✓
360's		4.2	34.0 ✓
370's		4.4	33.8 ✓
380's		5.0	33.2 ✓

	538.19		
270			
390's	5.2	533.0	✓
400's	5.5	32.7	✓
410's	5.7	32.5	✓
420's	6.0	32.2	✓
430's	6.4	31.8	✓
440's	6.7	31.5	✓
450's	6.9	31.3	✓
460's	7.3	30.9	✓
470's	7.7	30.5	✓
480's	8.1	30.1	✓
490's	8.3	29.9	✓
500's	8.5	29.7	✓
510's	8.7	29.5	✓
520's	9.0	29.2	✓
530's	9.4	28.8	✓
540's	9.9	28.3	✓
550's	10.3	27.9	✓
560's	10.8	27.4	✓

	538.19		
270			
570's	8.82	11.0	527.2 ✓
580's	7.5	11.2	27.0 ✓
590's	6.2	11.4	26.8 ✓
600's	5.1	12.0	26.2 ✓
610's	4.2	12.7	25.5 ✓
620's	END	12.7	25.5 ✓
2760 310's		2.2	36.0 ✓
320's		2.6	35.6 ✓
330's		3.0	35.2 ✓
340's		3.2	35.0 ✓
350's		3.6	34.6 ✓
360's		4.0	34.2 ✓
370's		4.3	33.9 ✓
380's		4.6	33.6 ✓
390's		5.0	33.2 ✓
400's		5.4	32.8 ✓
410's		5.8	32.4 ✓
420's		6.0	32.2 ✓

2+60	538.19		
430's	6.4	531.8	✓
440's	6.6	31.6	✓
450's	7.0	31.2	✓
460's	7.0	31.2	✓
470's	7.3	30.9	✓
480's	7.5	30.7	✓
490's	7.9	30.3	✓
500's	8.4	29.8	✓
510's	8.7	29.5	✓
520's	8.9	29.3	✓
530's	9.0	29.2	✓
540's	9.7	28.5	✓
550's	10.0	28.2	✓
560's	10.3	27.9	✓
570's	10.5	27.7	✓
580's	11.1	27.1	✓
590's	11.1	27.1	✓
600's	11.8	26.4	✓

2+60	538.19			
610's	12.2	526.0	✓	
620's	12.2	26.0	✓	
630's	12.3	25.9	✓	
640's	END	12.2	26.0	✓
2+50 310's	2.1	36.1	✓	
320's	2.6	35.6	✓	
330's	2.8	35.4	✓	
340's	3.3	34.9	✓	
350's	3.6	34.6	✓	
360's	3.8	34.4	✓	
370's	4.2	34.0	✓	
380's	4.7	33.5	✓	
390's	5.1	33.1	✓	
400's	5.3	32.9	✓	
410's	5.5	32.7	✓	
420's	6.0	32.2	✓	
430's	6.2	32.0	✓	
440's	6.3	31.9	✓	

	538.19		
2+50			
450's	6.4	531.8	✓
460's	6.7	31.5	✓
470's	7.0	31.2	✓
480's	7.4	30.8	✓
490's	7.5	30.7	✓
500's	8.0	30.2	✓
510's	8.4	29.8	✓
520's	8.8	29.4	✓
530's	8.8	29.4	✓
540's	9.3	28.9	✓
550's	9.8	28.4	✓
560's	10.2	28.0	✓
570's	10.4	27.8	✓
580's	10.7	27.5	✓
590's	11.0	27.2	✓
600's END:	11.5	26.7	✓
2+40 310's	2.2	36.0	✓
320's	2.5	35.7	✓

	538.19		
2+40			
330's	2.7	535.5	✓
340's	3.1	35.1	✓
350's	3.5	34.7	✓
360's	4.0	34.2	✓
370's	4.2	34.0	✓
380's	4.6	33.6	✓
390's	4.7	33.5	✓
400's	5.1	33.1	✓
410's	5.4	32.8	✓
420's	5.7	32.5	✓
430's	5.7	32.5	✓
440's	5.9	32.3	✓
450's	6.4	31.8	✓
460's	6.5	31.7	✓
470's	6.6	31.6	✓
480's	6.8	31.4	✓
490's	7.6	30.6	✓
500's	7.4	30.8	✓

538.19

2+40			
510's	8.4	529.8	✓
520's	8.6	29.6	✓
530's	9.1	29.1	✓
540's	9.5	28.7	✓
550's	9.7	28.5	✓
560's	9.9	28.3	✓
570's	10.1	28.1	✓
580's	10.6	27.6	✓
590's	10.8	27.4	✓
600's	11.3	26.9	✓
2+30			
310's	1.8	36.4	✓
320's	2.3	35.9	✓
330's	2.6	35.6	✓
340's	3.1	35.1	✓
350's	3.3	34.9	✓
360's	3.5	34.7	✓
370's	3.8	34.4	✓
380's	4.2	34.0	✓

538.19

2+30			
390's	4.4	533.8	✓
400's	4.6	33.6	✓
410's	5.0	33.2	✓
420's	5.3	32.9	✓
430's	5.6	32.6	✓
440's	6.1	32.1	✓
450's	6.4	31.8	✓
460's	6.6	31.6	✓
470's	6.9	31.3	✓
480's	7.2	31.0	✓
490's	7.4	30.8	✓
500's	7.9	30.3	✓
510's	8.4	29.8	✓
520's	8.6	29.6	✓
530's	9.0	29.2	✓
540's	9.3	28.9	✓
550's	9.5	28.7	✓
560's	9.7	28.5	✓

	538.19		
2+30			
570's	10.0	528.2	✓
580's	10.3	27.9	✓
590's END	10.5	27.7	✓
2+20			
310's	1.6	36.6	✓
320's	1.9	36.3	✓
330's	2.4	35.8	✓
340's	2.7	35.5	✓
350's	3.1	35.1	✓
360's	3.1	35.1	✓
370's	3.6	34.6	✓
380's	3.9	34.3	✓
390's	4.2	34.0	✓
400's	4.4	33.8	✓
410's	4.8	33.4	✓
420's	5.3	32.9	✓
430's	5.3	32.9	✓
440's	5.7	32.5	✓
450's	6.2	32.0	✓

	538.19		
2+20			
460's	6.5	531.7	✓
470's	6.6	31.6	✓
480's	7.4	30.8	✓
490's	7.5	30.7	✓
500's	7.8	30.4	✓
510's	8.2	29.9	✓
520's	8.4	29.8	✓
530's	8.8	29.4	✓
540's	9.0	29.2	✓
550's	9.3	28.9	✓
560's	9.5	28.7	✓
570's	9.8	28.4	✓
580's END	10.2	28.0	✓
2+10			
310's	1.9	36.3	✓
320's	1.8	36.4	✓
330's	1.9	36.3	✓
340's	2.3	35.9	✓
350's	2.9	35.3	✓

	538.19		
2+10			
360's		3.1	535.1 ✓
370's		3.2	35.0 ✓
380's		3.7	34.5 ✓
390's		4.0	34.2 ✓
400's		4.4	33.8 ✓
410's		4.9	33.3 ✓
420's		4.9	33.3 ✓
430's		5.0	33.2 ✓
440's		5.2	33.0 ✓
450's		5.9	32.3 ✓
460's		6.4	31.8 ✓
470's		6.4	31.8 ✓
480's		6.8	31.4 ✓
490's		7.2	31.0 ✓
500's		7.7	30.5 ✓
510's		8.0	30.2 ✓
520's		8.2	30.0 ✓
530's		8.3	29.9 ✓

	538.19		
2+10			
540's		8.5	529.7 ✓
550's		9.0	29.2 ✓
560's	END	9.3	28.9 ✓
2+00 310's		1.7	36.5 ✓
320's		2.0	36.2 ✓
330's		1.9	36.3 ✓
340's		2.0	36.2 ✓
350's		2.6	35.6 ✓
360's		3.0	35.2 ✓
370's		2.9	35.3 ✓
380's		3.8	34.4 ✓
390's		4.4	33.8 ✓
400's		4.4	33.8 ✓
410's		4.6	33.6 ✓
420's		4.8	33.4 ✓
430's		5.3	32.9 ✓
440's		5.2	33.0 ✓
450's		5.5	32.7 ✓

	538.19		
2400			
460's	5.9	532.3	✓
470's	6.0	32.2	✓
480's	6.9	31.3	✓
490's	7.2	31.0	✓
500's	7.5	30.7	✓
510's	7.8	30.4	✓
520's	8.0	30.2	✓
530's	8.3	29.9	✓
540's	8.4	29.8	✓
550's	8.6	29.6	✓
560's	8.9	29.3	✓
1490			
310's	1.4	36.8	✓
320's	1.7	36.5	✓
330's	2.2	36.0	✓
340's	2.1	36.1	✓
350's	2.2	36.0	✓
360's	2.5	35.7	✓
370's	3.1	35.1	✓

	538.19		
1190			
380's	3.4	534.8	✓
390's	3.9	34.3	✓
400's	4.4	33.8	✓
410's	4.4	33.8	✓
420's	4.7	33.5	✓
430's	5.1	33.1	✓
440's	5.3	32.9	✓
450's	5.3	32.9	✓
460's	6.2	32.0	✓
470's	6.6	31.6	✓
480's	6.8	31.4	✓
490's	7.2	31.0	✓
500's	7.4	30.8	✓
510's	7.7	30.5	✓
520's	8.0	30.2	✓
530's	8.1	30.1	✓
1480			
310's	1.3	36.9	✓
320's	1.7	36.5	✓

1480	538.19		
320's	1.8	536.4	✓
340's	2.3	35.9	✓
350's	2.3	35.9	✓
360's	2.4	35.8	✓
370's	2.9	35.3	✓
380's	3.2	35.0	✓
390's	3.7	34.5	✓
400's	4.2	34.0	✓
410's	4.4	33.8	✓
420's	4.9	33.3	✓
430's	5.0	33.2	✓
440's	5.5	32.7	✓
450's	5.9	32.3	✓
460's	6.3	31.9	✓
470's	6.4	31.8	✓
480's	6.6	31.6	✓
490's	6.8	31.4	✓
500's	7.0	31.2	✓

1480	538.19		
570's	7.4	530.8	✓
520's EMD	7.8	30.4	✓
1470 310's	1.1	37.1	✓
320's	1.5	36.7	✓
330's	1.5	36.7	✓
340's	2.0	36.2	✓
350's	2.6	35.6	✓
360's	2.5	35.7	✓
370's	2.6	35.6	✓
380's	3.0	35.2	✓
390's	3.5	34.7	✓
400's	3.7	34.5	✓
410's	4.6	33.6	✓
420's	5.0	33.2	✓
430's	5.3	32.9	✓
440's	5.5	32.7	✓
450's	5.7	32.5	✓
460's	6.1	32.1	✓

1+70	538.19		
470's	6.2	532.0	✓
480's	6.4	31.8	✓
490's	6.5	31.7	✓
500's	6.7	31.5	✓
1+60 310's	0.8	37.4	✓
320's	1.4	36.8	✓
330's	1.9	36.3	✓
340's	2.2	36.0	✓
350's	2.5	35.7	✓
360's	2.8	35.4	✓
370's	2.8	35.4	✓
380's	2.9	35.3	✓
390's	3.3	34.9	✓
400's	3.8	34.4	✓
410's	4.3	33.9	✓
420's	4.7	33.5	✓
430's	5.0	33.2	✓
440's	5.1	33.1	✓

1+60	538.19		
450's	5.4	532.8	✓
460's	5.6	32.6	✓
470's	5.8	32.4	✓
480's	6.0	32.2	✓
490's	6.2	32.0	✓
500's	6.6	31.6	✓
1+50 310's	1.0	37.2	✓
320's	1.4	36.8	✓
330's	1.9	36.3	✓
340's	1.9	36.3	✓
350's	2.1	36.1	✓
360's	2.1	36.1	✓
370's	2.3	35.9	✓
380's	3.2	35.0	✓
390's	3.2	35.0	✓
400's	3.5	34.7	✓
410's	4.1	34.1	✓
420's	4.1	34.1	✓

538.19

1450			
430's	4.7	533.5	✓
440's	4.9	33.3	✓
450's	5.2	33.0	✓
460's	5.4	32.8	✓
470's	5.7	32.5	✓
480's	5.8	32.4	✓
1440 310's	0.7	37.5	✓
320's	1.0	37.2	✓
330's	1.6	36.6	✓
340's	1.9	36.3	✓
350's	2.4	35.8	✓
360's	2.7	35.5	✓
370's	3.3	34.9	✓
380's	3.6	34.6	✓
400's	3.4	34.8	✓
410's	3.7	34.5	✓
420's	4.2	34.0	✓
430's	4.4	33.8	✓

538.19

1440			
440's	4.7	533.5	✓
450's	4.9	33.3	✓
460's	5.4	32.8	✓
470's	5.3	32.9	✓
480's	5.5	32.7	✓
1430 310's	0.7	37.5	✓
320's	1.2	37.0	✓
340's	1.6	36.6	✓
350's	1.7	36.5	✓
360's	1.9	36.3	✓
370's	2.2	36.0	✓
380's	2.6	35.6	✓
390's	3.0	35.2	✓
400's	3.7	34.5	✓
410's	3.7	34.5	✓
420's	3.6	34.6	✓
430's	3.7	34.5	✓
440's	4.1	34.1	✓

538.19

1430			
450's	4.5	533.7	✓
460's	4.9	33.3	✓
470's	END	5.0	33.2
1+20 310's	0.4	37.8	✓
320's	1.3	36.9	✓
330's	1.5	36.7	✓
340's	1.5	36.7	✓
350's	2.3	35.9	✓
360's	2.4	35.8	✓
370's	2.4	35.8	✓
380's	2.6	35.6	✓
390's	2.9	35.3	✓
400's	3.8	34.4	✓
410's	3.7	34.5	✓
420's	3.6	34.6	✓
430's	3.8	34.4	✓
440's	END	4.4	33.8
1+10 310's	0.7	37.5	✓

538.19

1710			
320's	1.2	537.0	✓
330's	1.2	37.0	✓
340's	1.5	36.7	✓
350's	2.1	36.1	✓
360's	2.0	36.2	✓
370's	2.1	36.1	✓
380's	2.6	35.6	✓
390's	2.7	35.5	✓
400's	3.3	34.9	✓
410's	4.1	34.1	✓
420's	3.9	34.3	✓
430's	3.7	34.5	✓
440's	END	3.9	34.3
1+00 310's	0.6	37.6	✓
320's	0.9	37.3	✓
330's	1.1	37.1	✓
340's	1.3	36.9	✓
350's	1.7	36.5	✓

	538.19		
1100			
360's	2.0	536.2	✓
370's	2.1	36.1	✓
380's	2.3	35.9	✓
390's	2.7	35.5	✓
400's	3.0	35.2	✓
410's	3.7	34.5	✓
420's	4.5	33.7	✓
430's	3.9	34.3	✓
440's	3.8	34.4	✓
TP	7.68	543.79	2.08 536.11
2170			
210's	4.7	539.1	✓
220's	4.6	39.2	✓
230's	5.4	38.4	✓
240's	6.1	37.7	✓
250's	5.9	37.9	✓
260's	5.8	38.0	✓

	543.79		
2170			
270's	5.1	38.7	✓
280's	6.6	37.2	✓
290's	7.3	36.5	✓
300's	SEE PAGE 82	7.7	36.1
2160 210's	4.2	39.6	✓
220's	4.5	39.3	✓
230's	5.0	38.8	✓
240's	5.7	38.1	✓
250's	6.3	37.5	✓
260's	6.1	37.7	✓
270's	6.3	37.5	✓
280's	6.8	37.0	✓
290's	7.3	36.5	✓
300's	SEE PAGE 84	7.5	36.3
2150 210's	4.0	39.8	✓
220's	4.3	39.5	✓
230's	4.6	39.2	✓
240's	5.0	38.8	✓

	543.79		
2+50			
250's	5.7	538.1	✓
260's	6.4	37.4	✓
270's	6.6	37.2	✓
280's	6.6	37.2	✓
290's	7.1	36.7	✓
300's	SEE PAGE 86	7.5	36.3
2+40			
210's	3.7	40.1	✓
220's	4.0	39.8	✓
230's	4.4	39.4	✓
240's	4.7	39.1	✓
250's	5.1	38.7	✓
260's	4.6	39.2	✓
270's	5.6	38.2	✓
280's	6.6	37.2	✓
290's	6.8	37.0	✓
300's	SEE PAGE 87	7.2	36.6
2+30			
205's	House	3.6	40.2
210's		3.6	40.2

	543.79		
2+30			
220's	3.9	539.9	✓
230's	4.1	39.7	✓
240's	4.5	39.3	✓
250's	4.9	38.9	✓
260's	4.0	39.8	✓
270's	5.2	38.6	✓
280's	6.2	37.6	✓
290's	7.0	36.8	✓
300's	SEE PAGE 89	7.0	36.8
2+20			
218's	House	3.9	39.9
220's		3.9	39.9
230's		4.1	39.7
240's		4.4	39.4
250's		4.5	39.3
260's		5.4	38.4
270's		5.8	38.0
280's		6.4	37.4
290's		6.9	36.9

		543.79	
2+20			
300's	SEE PAGE 91	7.1	536.7 ✓
2+10			
217's [±]	HOUSE	3.8	40.0 ✓
220's		3.8	40.0 ✓
230's		4.1	39.7 ✓
240's		4.3	39.5 ✓
250's		4.6	39.2 ✓
260's		5.2	38.6 ✓
270's		5.0	38.8 ✓
280's		5.9	37.9 ✓
290's		6.4	37.4 ✓
300's	SEE PAGE 92	6.9	36.9 ✓
2+00			
145-180's	GARAGE - PATIO etc	No Shots	
190's		2.8	41.0 ✓
222's	CORNER OF HOUSE	3.7	40.1 ✓
230's		4.1	39.7 ✓
240's		4.3	39.5 ✓
250's		5.0	38.8 ✓
260's		5.5	38.3 ✓

		543.79	
2+00			
270's		5.9	537.9 ✓
280's		6.4	37.4 ✓
290's		6.7	37.1 ✓
300's	SEE PAGE 94	6.7	37.1 ✓
1490			
150's		2.7	41.1 ✓
160's		2.7	41.1 ✓
170's		2.8	41.0 ✓
180's		2.7	41.1 ✓
190's		3.0	40.8 ✓
200's		3.6	40.2 ✓
210	AREA OF HOUSE		
220's		3.7	40.1 ✓
230's		4.1	39.7 ✓
240's		4.3	39.5 ✓
250's		4.6	39.2 ✓
260's		5.0	38.8 ✓
270's		5.4	38.4 ✓
280's		5.7	38.1 ✓

	543.79		
1490			
290's	6.0	537.8	✓
300's	SEE PAGE 95	37.3	✓
1480 170's	2.4	41.4	✓
180's	2.7	41.1	✓
190's	3.0	40.8	✓
200's	3.2	40.6	✓
210's	3.6	40.2	✓
220's	3.8	40.0	✓
230's	3.8	40.0	✓
240's	4.2	39.6	✓
250's	4.5	39.3	✓
260's	4.8	39.0	✓
270's	5.2	38.6	✓
280's	5.7	38.1	✓
290's	6.1	37.7	✓
300's	SEE PAGE 96	37.4	✓
1470 170's	2.4	41.4	✓
180's	2.7	41.1	✓

	543.79		
1470			
190's	8.1	540.7	✓
20	2.2	40.6	✓
21	2.4	40.4	✓
22	2.8	40.0	✓
23	3.2	39.9	✓
24	3.6	39.6	✓
25	4.0	39.4	✓
26	4.4	39.1	✓
27	4.8	38.8	✓
28	5.2	38.4	✓
29	5.6	37.7	✓
300's	SEE PAGE 98	37.5	✓
1460 170's	2.4	41.4	✓
180's	2.7	41.1	✓
190's	3.0	40.6	✓
200's	3.2	40.6	✓
210's	3.2	40.6	✓
220's	3.8	40.0	✓

	543.79		
1760			
230's	4.0	539.8	✓
240's	4.2	39.6	✓
250's	4.4	39.4	✓
260's	4.6	39.2	✓
270's	4.9	38.9	✓
280's	5.4	38.4	✓
290's	5.8	38.0	✓
300's	SEE PAGE 99	6.1	37.7 ✓
1750			
170's	2.6	41.2	✓
180's	2.9	40.9	✓
190's	3.1	40.7	✓
200's	3.2	40.6	✓
210's	3.4	40.4	✓
220's	3.8	40.0	✓
230's	4.1	39.7	✓
240's	4.3	39.5	✓
250's	4.3	39.5	✓
260's	4.7	39.1	✓

	543.79		
1750			
270's	5.0	538.8	✓
280's	5.3	38.5	✓
290's	5.8	38.0	✓
300's	SEE PAGE 100	6.1	37.7 ✓
1740			
180's	3.1	40.7	✓
190's	3.0	40.8	✓
200's	3.2	40.6	✓
210's	3.6	40.2	✓
220's	3.7	40.1	✓
230's	4.2	39.6	✓
240's	4.4	39.4	✓
250's	4.3	39.5	✓
260's	4.9	38.9	✓
270's	5.1	38.7	✓
280's	5.2	38.6	✓
290's	5.8	38.0	✓
300's	SEE PAGE 101	6.0	37.8 ✓
T.P.	2.16	543.80	2.15 541.64 ✓

115

543.80

1730			
180's	2.5	540.3	✓
190's	3.5	40.3	✓
200's	3.4	40.4	✓
210's	3.7	40.1	✓
220's	3.9	39.9	✓
230's	4.3	39.5	✓
240's	4.6	39.2	✓
250's	4.7	39.1	✓
260's	5.0	38.8	✓
270's	5.2	38.6	✓
280's	5.4	38.4	✓
290's	5.7	38.1	✓
300's	SEE PAGE 102	5.9	37.9
1720			
170's	4.1	39.7	✓
180's	4.0	39.8	✓
190's	4.0	39.8	✓
200's	3.7	40.1	✓
210's	3.9	39.9	✓

116

543.80

1720			
220's	4.0	539.8	✓
230's	4.5	39.3	✓
240's	4.8	39.0	✓
250's	5.1	38.7	✓
260's	5.0	38.8	✓
270's	5.3	38.5	✓
280's	5.6	38.2	✓
290's	5.6	38.2	✓
300's	SEE PAGE 103	5.9	37.9
1710			
181's	EDGE OF HOUSE	4.2	39.6
140's		4.7	39.1
150's		4.7	39.1
160's		4.8	39.0
170's		4.4	39.4
180's		4.4	39.4
190's		4.4	39.4
200's		4.1	39.7
210's		4.1	39.7

117

543.80

1110

220's

4.2 539.6 ✓

230's

4.6 39.2 ✓

240's

4.9 38.9 ✓

250's

5.1 38.7 ✓

260's

5.2 38.6 ✓

270's

5.3 38.5 ✓

280's

5.5 38.3 ✓

290's

5.6 38.2 ✓

300's SEE PAGE 103

5.9 37.9 ✓

1100

110 AREA OF HOUSE

120

130

138's EDGE OF HOUSE

4.5 39.3 ✓

140's

4.5 39.3 ✓

150's

4.5 39.3 ✓

160's

4.6 39.2 ✓

170's

4.6 39.2 ✓

180's

4.6 39.2 ✓

190's

4.6 39.2 ✓

118

543.80

1400

200's

4.4 539.4 ✓

210's

4.4 39.4 ✓

220's

4.6 39.2 ✓

230's

4.8 39.0 ✓

240's

5.0 38.8 ✓

250's

5.1 38.7 ✓

260's

5.4 38.4 ✓

270's

5.3 38.5 ✓

280's

5.4 38.4 ✓

290's

5.7 38.1 ✓

300's

SEE PAGE 104

5.9 37.9 ✓

0+90

140's HOUSE

4.5 39.3 ✓

150's

5.0 38.8 ✓

160's

5.1 38.7 ✓

170's

5.1 38.7 ✓

180's

4.9 38.9 ✓

190's

5.0 38.8 ✓

200's

5.0 38.8 ✓

	543.80		
0+90			
210's	5.0	538.8	✓
220's	5.1	38.7	✓
230's	5.2	38.6	✓
240's	5.4	38.4	✓
250's	5.3	38.5	✓
260's	5.5	38.3	✓
270's	5.5	38.3	✓
280's	5.8	38.0	✓
290's	5.9	37.9	✓
300's	6.0	37.8	✓
310's	6.4	37.4	✓
320's	6.5	37.3	✓
330's	6.8	37.0	✓
340's	7.1	36.7	✓
350's	7.4	36.4	✓
360's	7.6	36.2	✓
370's	7.8	36.0	✓
380's	8.1	35.7	✓

	543.80		
0+90			
390's	8.2	535.6	✓
T.P.	7.30	543.12	7.98 535.82 ✓
0+90			
400's		7.8	535.3 ✓
410's		8.4	34.7 ✓
420's		8.5	34.6 ✓
430's		8.8	34.3 ✓
440's		8.9	34.2 ✓
450's		8.8	34.3 ✓
460's	END	8.8	34.3 ✓
0+80	HOUSE		
141's		4.7	38.4 ✓
150's		4.7	38.4 ✓
160's		4.7	38.4 ✓
170's		4.7	38.4 ✓
180's		4.5	38.6 ✓
190's		4.6	38.5 ✓
200's		4.6	38.5 ✓

121

	543.12		
0+80			
210's	4.7	538.4	✓
220's	4.8	38.3	✓
230's	4.7	38.4	✓
240's	4.8	38.3	✓
250's	4.7	38.4	✓
260's	5.0	38.1	✓
270's	5.2	37.9	✓
280's	5.2	37.9	✓
290's	5.2	37.9	✓
300's	5.5	37.6	✓
310's	5.6	37.5	✓
320's	5.8	37.3	✓
330's	5.9	37.2	✓
340's	6.2	36.9	✓
350's	6.5	36.6	✓
360's	6.9	36.2	✓
370's	7.1	36.0	✓
380's	7.3	35.8	✓

122

	543.12		
0+80			
390's	7.3	535.8	✓
400's	8.0	35.1	✓
410's	8.4	34.7	✓
420's	7.9	35.2	✓
430's	9.2	33.9	✓
440's	8.9	34.2	✓
450's	8.6	34.5	✓
460's	8.7	34.4	✓
0+70			
140's	AREA OF HOUSE		
150's	"	"	"
160's	6.0	37.1	✓
170's	5.7	37.4	✓
180's	5.7	37.4	✓
190's	5.5	37.6	✓
200's	5.4	37.7	✓
210's	5.2	37.9	✓
220's	5.2	37.9	✓
230's	5.1	38.0	✓

123

543.12

0+70			
240's	5.0	538.1	✓
250's	5.3	37.8	✓
260's	5.5	37.6	✓
270's	5.2	37.9	✓
280's	5.3	37.8	✓
290's	5.4	37.7	✓
300's	5.6	37.5	✓
310's	5.6	37.5	✓
320's	5.7	37.4	✓
330's	5.8	37.3	✓
340's	5.8	37.3	✓
350's	6.4	36.7	✓
360's	6.8	36.3	✓
370's	7.0	36.1	✓
380's	7.1	36.0	✓
390's	7.0	36.1	✓
400's	7.5	35.6	✓
410's	7.1	35.4	✓

124

543.12

0+70			
420's	8.0	535.1	✓
430's	8.2	34.9	✓
440's	8.0	35.1	✓
450's	9.2	33.9	✓
460's	8.8	34.3	✓
0+60			
179's	6.0	37.1	✓
180's	6.0	37.1	✓
190's	6.0	37.1	✓
200's	6.0	37.1	✓
210's	6.4	36.7	✓
220's	6.1	37.0	✓
230's	5.8	37.3	✓
240's	6.2	36.9	✓
250's	6.0	37.1	✓
260's	5.7	37.4	✓
270's	5.6	37.5	✓
280's	5.6	37.5	✓
290's	5.4	37.7	✓

125
0+60

543.12

300's	5.7	537.4	✓
310's	5.5	37.6	✓
320's	5.6	37.5	✓
330's	5.9	37.2	✓
340's	6.2	36.9	✓
350's	6.3	36.8	✓
360's	6.6	36.5	✓
370's	6.7	36.4	✓
380's	7.2	35.9	✓
390's	7.2	35.8	✓
400's	7.6	35.5	✓
410's	7.5	35.6	✓
420's	7.5	35.6	✓
430's	7.9	35.2	✓
440's	8.1	35.0	✓
450's	8.4	34.7	✓
460's	8.7	34.4	✓
0+50			
185's	6.8	36.3	✓

END

HOUSE

126

0+50

543.12

190's	6.8	536.3	✓
200's	6.8	36.3	✓
210's	6.7	36.4	✓
220's	7.2	35.9	✓
230's	6.9	36.2	✓
240's	6.7	36.4	✓
250's	6.3	36.8	✓
260's	6.1	37.0	✓
270's	6.0	37.1	✓
280's	5.9	37.2	✓
290's	5.9	37.2	✓
300's	5.9	37.2	✓
310's	6.1	37.0	✓
320's	5.7	37.4	✓
330's	5.8	37.3	✓
340's	6.1	37.0	✓
350's	6.3	36.8	✓
360's	6.4	36.7	✓

	543.12		
0+50			
370's	7.1	536.0	✓
380's	7.1	36.0	✓
390's	7.4	35.7	✓
400's	7.3	35.8	✓
410's	7.5	35.6	✓
420's	7.5	35.6	✓
430's	7.7	35.4	✓
440's	7.9	35.2	✓
450's	8.1	35.0	✓
460's END	8.2	34.9	✓
0+40			
170's AREA OF HOUSE			
180's " " "			
192's HOUSE	8.3	34.8	✓
200's	8.2	34.9	✓
210's	7.7	35.4	✓
220's	7.5	35.6	✓
230's	7.2	35.9	✓
240's	6.9	36.2	✓
242's HOUSE	6.9	36.2	✓

	543.12		
0+40			
250's AREA OF HOUSE			
260's " " "			
270's HOUSE	6.4	536.7	✓
280's	6.3	36.8	✓
290's	6.3	36.8	✓
300's	6.1	37.0	✓
310's	6.0	37.1	✓
320's	6.1	37.0	✓
330's	5.9	37.2	✓
340's	6.2	36.9	✓
350's	6.2	36.9	✓
360's	6.7	36.4	✓
370's	6.9	36.2	✓
380's	7.3	35.8	✓
390's	7.2	35.9	✓
400's	7.3	35.8	✓
410's	7.2	35.9	✓
420's	7.4	35.7	✓

0+40	543.12		
430's	7.5	535.6	✓
440's	7.6	35.5	✓
450's	7.8	35.3	✓
460's END	7.8	35.3	✓
0+30			
180's	AREA OF GARAGE		
190's	" " "		
200's	GARAGE	8.1	35.0 ✓
210's		8.1	35.0 ✓
220's		8.0	35.1 ✓
230's		7.8	35.3 ✓
240's	HOUSE	7.2	35.9 ✓
250's	AREA OF HOUSE		
260's	" " "		
270's	" " "		
280's	HOUSE	6.5	36.6 ✓
290's		6.5	36.6 ✓
300's		6.4	36.7 ✓
310's		6.3	36.8 ✓

0+30	543.12		
320's	6.3	536.8	✓
330's	6.4	36.7	✓
340's	6.2	36.9	✓
350's	6.2	36.9	✓
360's	6.8	36.3	✓
370's	7.0	36.1	✓
380's	7.1	36.0	✓
390's	7.4	35.7	✓
400's	7.1	36.0	✓
410's	7.1	36.0	✓
420's	7.1	36.0	✓
430's	7.2	35.9	✓
440's END	7.6	35.5	✓
0+20			
190's	AREA OF GARAGE		
200's	" " "		
210's		8.2	34.9 ✓
220's		8.2	34.9 ✓
230's		8.5	34.6 ✓

	0+20	543.12		
240's	HOUSE	8.5	534.6	✓
250's	AREA OF HOUSE			
260's	"	"	"	
270's	"	"	"	
282's	HOUSE	7.0	36.1	✓
290's		7.0	36.1	✓
300's		6.7	36.4	✓
310's		6.6	36.5	✓
320's		6.5	36.6	✓
330's		6.5	36.6	✓
340's		6.6	36.5	✓
350's		6.6	36.5	✓
360's		6.7	36.4	✓
370's		7.0	36.1	✓
380's		7.1	36.0	✓
390's		7.1	36.0	✓
400's		7.0	36.1	✓
410's		7.1	36.0	✓

	0+20	543.12		
420's	END	7.0	536.1	✓
⁰⁺¹⁰ 200's	AREA OF GARAGE			
210's		9.4	33.7	✓
220's		9.0	34.1	✓
230's		8.9	34.2	✓
240's		8.5	34.6	✓
249's	HOUSE	8.5	34.6	✓
260's	HOUSE	8.0	35.1	✓
270's		8.0	35.1	✓
280's		7.8	35.3	✓
290's		7.6	35.5	✓
300's		7.1	36.0	✓
310's		6.7	36.4	✓
320's		6.5	36.6	✓
330's		6.8	36.3	✓
340's		6.8	36.3	✓
350's		6.7	36.4	✓
360's		6.8	36.3	✓

133

0+10	543.12		
370's		7.0	536.1 ✓
380's		7.1	36.0 ✓
390's		7.1	36.0 ✓
400's	END	7.0	36.1 ✓

TP	5.46	541.51	7.07	536.05 ✓
----	------	--------	------	----------

0+00			
220's		7.6	533.9 ✓
230's		7.7	33.8 ✓
240's		7.4	34.1 ✓
250's		6.9	34.6 ✓
260's		7.0	34.5 ✓
270's		6.7	34.8 ✓
280's		6.5	35.0 ✓
290's		5.8	35.7 ✓
300's		5.6	35.9 ✓
310's		5.3	36.2 ✓
320's		5.3	36.2 ✓

134

0+00	541.57		
330's		5.3	536.2 ✓
340's		5.2	36.3 ✓
350's		5.2	36.3 ✓
360's		5.2	36.3 ✓
370's		5.3	36.2 ✓
380's		5.5	36.0 ✓
390's		5.4	36.1 ✓
400's	END	5.4	36.1 ✓

TP	1.80	534.98	8.33	533.18 ✓
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NOTE: ALL SLATS ARE MINUS ZERO SLATS

0+10			
38's	DAM	7.9	527.1 ✓
40's	BEGIN	7.9	27.1 ✓
50's		7.6	27.4 ✓
60's		7.0	28.0 ✓
70's		6.6	28.4 ✓
80's		6.3	28.7 ✓

135			
0-10	534.98		
90's	6.2	528.8	✓
100's	5.8	29.2	✓
110's	5.4	29.6	✓
120's	4.9	30.1	✓
130's	5.0	30.0	✓
140's	4.6	30.4	✓
150's	4.3	30.7	✓
160's	4.5	30.5	✓
170's	5.0	30.0	✓
180's	5.3	29.7	✓
190's	4.7	30.3	✓
200's	2.2	32.8	✓
210's	1.8	33.2	✓
220's	2.0	33.0	✓
230's	2.2	32.8	✓
240's	1.6	33.4	✓
250's	1.2	33.8	✓
260's	1.3	33.7	✓

136			
0-10	534.98		
270's	1.3	533.7	✓
280's	1.3	33.7	✓
290's	1.3	33.7	✓
300's END	1.2	33.8	✓
300's HOUSE	1.2	33.8	✓
0-20 30's DAM	9.4	25.6	✓
40's	9.1	25.9	✓
50's	8.4	26.6	✓
60's	8.4	26.6	✓
70's	8.0	27.0	✓
80's	7.5	27.5	✓
90's	7.2	27.8	✓
100's	6.7	28.3	✓
110's	6.1	28.9	✓
120's	6.2	28.8	✓
130's	6.2	28.8	✓
140's	6.3	28.7	✓
150's	5.5	29.5	✓

534.98

0-20			
160's		5.6	529.4 ✓
170's		5.7	29.3 ✓
180's		5.9	29.1 ✓
190's		5.8	29.2 ✓
200's		4.3	30.7 ✓
210's		1.6	33.4 ✓
220's		3.2	31.8 ✓
230's		3.5	31.5 ✓
240's		2.7	32.3 ✓
250's		2.6	32.4 ✓
260's		2.4	32.6 ✓
270's		1.9	33.1 ✓
280's		1.5	33.5 ✓
290's	Patio END	1.5	33.5 ✓
295's	House	1.5	33.5 ✓
0-30			
24's	Dann	10.6	24.4 ✓
30's		10.6	24.4 ✓
40's		10.0	25.0 ✓

534.98

0-30			
50's		9.6	525.4 ✓
60's		9.0	26.0 ✓
70's		8.6	26.4 ✓
80's		8.1	26.9 ✓
90's		7.7	27.3 ✓
100's		8.1	26.9 ✓
110's		9.0	26.0 ✓
120's		8.1	26.9 ✓
130's		7.9	27.1 ✓
140's		7.7	27.3 ✓
150's		7.5	27.5 ✓
160's		7.5	27.5 ✓
170's		8.0	27.0 ✓
180's		7.6	27.4 ✓
190's		6.8	28.2 ✓
200's		6.1	28.9 ✓
210's		4.1	30.9 ✓
220's		4.9	30.1 ✓

139

534.98

0-30			
230's	4.6	530.4	✓
240's	4.1	30.9	✓
250's	3.6	31.4	✓
260's	3.6	31.4	✓
270's	3.1	31.9	✓
280's	2.6	32.4	✓
282's	2.6	32.4	✓
0-40			
17's	12.0	23.0	✓
20's	12.0	23.0	✓
30's	12.0	23.0	✓
40's	11.3	23.7	✓
50's	10.6	24.4	✓
60's	10.7	24.3	✓
70's	10.5	24.5	✓
80's	11.2	23.8	✓
90's	11.2	23.8	✓
100's	11.2	23.8	✓
110's	10.8	24.2	✓

END

PATIO
WALL

DAM

140

534.98

0-40			
120's	9.2	525.8	✓
130's	8.8	26.2	✓
140's	9.3	25.7	✓
150's	9.0	26.0	✓
160's	8.9	26.1	✓
170's	8.9	26.1	✓
180's	8.7	26.3	✓
190's	8.2	26.8	✓
200's	6.5	28.5	✓
210's	6.1	28.9	✓
220's	5.7	29.3	✓
230's	5.6	29.4	✓
240's	4.9	30.1	✓
250's	4.7	30.3	✓
260's	4.0	31.0	✓
270's	3.5	31.5	✓
280's	3.4	31.6	✓
290's	3.4	31.6	✓
292's	3.4	31.6	✓

END

STONE
HOUSE

534.98

0-50			
110's	BEGIN	11.9	523.1 ✓
120's		10.2	24.8 ✓
130's		9.5	25.5 ✓
140's		10.8	24.2 ✓
150's		10.6	24.4 ✓
160's		10.5	24.5 ✓
170's		10.5	24.5 ✓
180's		8.8	26.2 ✓
190's		8.3	26.7 ✓
200's		7.3	27.7 ✓
210's		7.7	27.3 ✓
220's		7.1	27.9 ✓
230's		6.5	28.5 ✓
240's		6.0	29.0 ✓
250's		5.7	29.3 ✓
260's	END	4.8	30.2 ✓
0-60	BEGIN	12.6	22.4 ✓
150's			
160's		12.3	22.7 ✓

534.98

0-60			
170's		11.3	523.7 ✓
180's		10.1	24.9 ✓
190's		9.6	25.4 ✓
200's		9.4	25.6 ✓
210's		8.8	26.2 ✓
220's	END	8.0	27.0 ✓

TP 11.40 541.25 5.13 529.85 ✓
 B.M. TOP OF DAM 4.79 536.46 = 536.39

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DISTANCES FROM CENTER OF ROADWAY FOR CROSS-SECTIONING.
 Roadway 16 feet wide. Side Slopes 1 on 1 1/2
 For Single Track Embankment.

H	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	H
0	8.0	8.2	8.3	8.5	8.6	8.8	8.9	9.1	9.2	9.4	0
1	9.5	9.7	9.8	10.0	10.1	10.3	10.4	10.6	10.7	10.9	1
2	11.0	11.2	11.3	11.5	11.6	11.8	11.9	12.1	12.2	12.4	2
3	12.5	12.7	12.8	13.0	13.1	13.3	13.4	13.6	13.7	13.9	3
4	14.0	14.2	14.3	14.5	14.6	14.8	14.9	15.1	15.2	15.4	4
5	15.5	15.7	15.8	16.0	16.1	16.3	16.4	16.6	16.7	16.9	5
6	17.0	17.2	17.3	17.5	17.6	17.8	17.9	18.1	18.2	18.4	6
7	18.5	18.7	18.8	19.0	19.1	19.3	19.4	19.6	19.7	19.9	7
8	20.0	20.2	20.3	20.5	20.6	20.8	20.9	21.1	21.2	21.4	8
9	21.5	21.7	21.8	22.0	22.1	22.3	22.4	22.6	22.7	22.9	9
10	23.0	23.2	23.3	23.5	23.6	23.8	23.9	24.1	24.2	24.4	10
11	24.5	24.7	24.8	25.0	25.1	25.3	25.4	25.6	25.7	25.9	11
12	26.0	26.2	26.3	26.5	26.6	26.8	26.9	27.1	27.2	27.4	12
13	27.5	27.7	27.8	28.0	28.1	28.3	28.4	28.6	28.7	28.9	13
14	29.0	29.2	29.3	29.5	29.6	29.8	29.9	30.1	30.2	30.4	14
15	30.5	30.7	30.8	31.0	31.1	31.3	31.4	31.6	31.7	31.9	15
16	32.0	32.2	32.3	32.5	32.6	32.8	32.9	33.1	33.2	33.4	16
17	33.5	33.7	33.8	34.0	34.1	34.3	34.4	34.6	34.7	34.9	17
18	35.0	35.2	35.3	35.5	35.6	35.8	35.9	36.1	36.2	36.4	18
19	36.5	36.7	36.8	37.0	37.1	37.3	37.4	37.6	37.7	37.9	19
20	38.0	38.2	38.3	38.5	38.6	38.8	38.9	39.1	39.2	39.4	20
21	39.5	39.7	39.8	40.0	40.1	40.3	40.4	40.6	40.7	40.9	21
22	41.0	41.2	41.3	41.5	41.6	41.8	41.9	42.1	42.2	42.4	22
23	42.5	42.7	42.8	43.0	43.1	43.3	43.4	43.6	43.7	43.9	23
24	44.0	44.2	44.3	44.5	44.6	44.8	44.9	45.1	45.2	45.4	24
25	45.5	45.7	45.8	46.0	46.1	46.3	46.4	46.6	46.7	46.9	25
26	47.0	47.2	47.3	47.5	47.6	47.8	47.9	48.1	48.2	48.4	26
27	48.5	48.7	48.8	49.0	49.1	49.3	49.4	49.6	49.7	49.9	27
28	50.0	50.2	50.3	50.5	50.6	50.8	50.9	51.1	51.2	51.4	28
29	51.5	51.7	51.8	52.0	52.1	52.3	52.4	52.6	52.7	52.9	29
30	53.0	53.2	53.3	53.5	53.6	53.8	53.9	54.1	54.2	54.4	30
31	54.5	54.7	54.8	55.0	55.1	55.3	55.4	55.6	55.7	55.9	31
32	56.0	56.2	56.3	56.5	56.6	56.8	56.9	57.1	57.2	57.4	32
33	57.5	57.7	57.8	58.0	58.1	58.3	58.4	58.6	58.7	58.9	33
34	59.0	59.2	59.3	59.5	59.6	59.8	59.9	60.1	60.2	60.4	34
35	60.5	60.7	60.8	61.0	61.1	61.3	61.4	61.6	61.7	61.9	35
36	62.0	62.2	62.3	62.5	62.6	62.8	62.9	63.1	63.2	63.4	36
37	63.5	63.7	63.8	64.0	64.1	64.3	64.4	64.6	64.7	64.9	37
38	65.0	65.2	65.3	65.5	65.6	65.8	65.9	66.1	66.2	66.4	38
39	66.5	66.7	66.8	67.0	67.1	67.3	67.4	67.6	67.7	67.9	39
40	68.0	68.2	68.3	68.5	68.6	68.8	68.9	69.1	69.2	69.4	40

Example—If point is 22.6 ft. above grade, how far should it be from center line to be a slope stake point? Ans. from Table 41.9. For same slopes but other widths of roadbed correct above figures by one-half difference in width of roadbed; thus in example above for 20 ft. roadbed distance will be $41.9 + (20 - 16) \div 2$ or 2 ft. added to 41.9 = 43.9. For slopes of 1 on 1 see inside of front cover.

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 Telephone Main 5161

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