OXON HILL

Ben Meadows Co.

Field Book
131595

BAG INVENTORY

FEATURE LOG

OXON HILL BAG INVENTORY + FEATURE LOG

Name D. SINGER / J. SNYDER

Address

Phone

This book is published on a fine 50% cotton-content ledger paper, specially treated for maximum archival service, and protected by a water resistant surface sizing.

Projects Mark

Loretta

Marta

Mid boxes.

Equipment Supplier to Professionals Throughout the World

Ben Meadows Company

3589 Broad Street
Post Office Box 80549
Atlanta (Chamblee), Georgia 30366

2601-B West 5th Avenue
Post Office Box 2781
Eugene, Oregon 97402

Projects (continued)

CASSAndra 864-8257
LAB 568-0001
" 2
FIELD OFFICE 567-6115

BAG #	AREA/ UNIT Level FEATURE	DATE INITIALS	# BAGS	SCREENED	LAB
1	1-12-1A	DM, AH, JS 1-14-85	1	✓	✓ 1
2	1-23-1A	ER, WB, CN 1-14-85	1	✓	✓ 1
3	1-12-2A	DM AH JS 1-14-85	2	✓	✓ 2
4	1-23-1B	ER WB CN 1-14-85	6	✓	✓ 6
5	1-14-1A	DM AH 1-14-85	3	✓	✓ 3
6	1-18-1A	CN JC 1-14-85	1	✓	✓ 1
7 Soil	1-23-1B	ER 1-14-85	1	—	
8	1-15-1A	DM 1-14-85	2	✓	✓ 1
9	1-55-1A	DM 1-14-85	2	✓	✓ 2
10	1-56-1A	DM 1-14-85	1	✓	✓ 1
11	1-13-1A	AH 1-14-85	2	✓	✓ 2
12 Soil	1-12-1A	AH 1-14-85	1	—	
13	1-21-1A	WB 1-14-85	1	✓	✓ 1
14	1-22-1A	WB 1-14-85	2	✓	✓ 2
15	1-63-1A	WB 1-14-85	1	✓	✓ 1
16	1-62-1A	WB 1-14-85	1	✓	✓ 1
17	1-16-1A	JS 1-14-85	2	✓	✓ 2
18	1-63-1B	WB 1-14-85	1	✓	✓ 1
19 Soil	1-21-1A	WB 1-14-85	1	—	
20 Soil	1-18-1A	CN 1-14-85	1	—	
21 Soil	1-16-1A	JS 1-14-85	1	—	
22	1-18-1B	CN 1-15-85	3	✓	✓ 4 1 Bottle
23 Soil	1-12-2A	AH 1-15-85	1	—	
24	1-16-1B	JS 1-15-85	3	✓	✓ 3
25 Soil	1-14-1A	DM 1-16-85	1	—	

1/28

Change 6, 20, 22, 30 from
UNIT 19 > 18

1/17
1/28

1/16

BAG #	AREA-UNIT-Level FEATURE	DATE INITIALS	# BAGS	SCREENED	LAB
26	1-21-1B	WB 1-16-85	1	✓	✓ 1
27	1-22-1B	WB 1-16-85	1	✓	✓ 1
28	1-62-1B	WB 1-16-85	1	✓	✓ 1
29	1-57-1A	JS 1-16-85	1	✓	✓ 1
30 SOIL	1-18-1B	CN 1-16-85	1	—	
31 SOIL	1-21-1B	WB 1-16-85	1	—	
32	1-24-1A	ER 1-16-85	1	✓	✓ 1
33	1-65-1A	ER 1-16-85	1	✓	✓ EMPTY 1
34	1-53-1A	AH 1-16-85	1	✓	✓ 1
35	1-13-2A	AH 1-16-85	1	✓	✓ 2 1BR
36	1-53-1A	AH 1-16-85	2	✓	✓ 2
37	1-12-3A	AH 1-16-85	2	✓	✓ 2
38	1-56-1B	DM 1-16-85	1	✓	✓ 1
* 12 OK 39	1-18-2A	OX CN 1-16-85	1	✓	✓ 1
40 SOIL	1-18-2A	OX CN 1-16-85	1	—	
41	1-63-2A	WB 1-16-85	1	✓	✓ 1
42	1-62-2A	WB 1-16-85	1	✓	✓ 1
43	1-22-2A	WB 1-16-85	1	✓	✓ 1
44	1-21-2A	WB 1-16-85	1	✓	✓ 1
45 SOIL	1-21-2A	WB 1-16-85	1	—	
46	1-18-3A	IN CN 1-16-85	2	✓	✓ 2
47 SOIL	1-18-3A	IN CN 1-16-85	1	—	
48	1-65-1B	ER 1-16-85	2	✓	✓ 2
49	1-57-1B	JS 1-16-85	4	✓	✓ 4
50	1-60-1A	CN 1-16-85	3	✓	✓ 3

UNIT 12 - #1, 3, 37 AH

OK

#39 + 212 combined, U1000180OX = OX for ~~dist~~ combined level. Combined 1M + 2A. Received OX designation.

BAG #	AREA UNIT-LEVEL PROVENIENCE	DATE INITIALS	# BAGS	SCREENED	CAB.
51	1-53-1B	AH 1-17-85	2	✓	✓ 2
52	1-683-1A	DM 1-17-85	2	✓	✓ 2
53	1-684-1A	DM 1-17-85	1	✓	✓ 1
54	1-725-1A	DM 1-17-85	1	✓	✓ 1
55	1-724-1A	DM 1-17-85	1	✓	✓ 1
56	1-56-1B	JS 1-17-85	2	✓	✓ 2
57 SOIL	1-683-1A	DM 1-17-85	1	—	
58	1-26-1A	ER 1-17-85	1	✓	✓ 1
59	1-29-1A	WB 1-17-85	1	✓	✓ 1
60	1-30-1A	WB 1-17-85	1	✓	✓ 1
61	1-70-1A	WB 1-17-85	1	✓	✓ 1
62	1-71-1A	WB 1-17-85	2	✓	✓ 2
63 SOIL	1-29-1A	WB 1-17-85	1	—	
64	1-59-1A	CN 1-17-85	1	✓	✓ 1
65	1-54-1A	AH 1-17-85	3	✓	✓ 3
66	1-15-1A	JS 1-17-85	1	✓	✓ 1
67	1-683-2A	DM 1-17-85	1	✓	✓ 1
68 SOIL	1-683-2A	DM 1-17-85	1	—	
69	1-724-2A	DM 1-17-85	2	✓	✓ 2
70	1-60-2A	CN 1-17-85	1	✓	✓ 1
71	1-15-1B	JS 1-17-85	2	✓	✓ 2
72	1-24-1B	ER 1-17-85	2	✓	✓ 2
73	1-59-1B	CN 1-17-85	1	✓	✓ 1
74	1-29-2A	WB 1-18-85	1	✓	✓ 1
75 SOIL	1-29-2A	WB 1-18-85	1	—	

— 1B

2A Change to 1B ✓

Area # not designated on

#	51	AH
	52	DM ✓
	63	WB
	65	AH
	69	DM ✓

1/25

Bag 63 - washed?

*Check completed unit summaries for Cars for accessioning

1/28

Bag #	AREA UNIT LEVEL FEATURE	DATE INITIALS	# BAGS	SCREENED	LAB
76	1-197-1A	WB 1-18-85	1	✓	✓ 1
77	1-198-1A	WB 1-18-85	1	✓	✓ 1
78	1-239-1A	WB 1-18-85	1	✓	✓ 1
79	1-238-1A	WB 1-18-85	1	✓	✓ 1
80 SOIL	1-197-1A	WB 1-18-85	1	—	
81	1-60-2B	CN 1-18-85	1	✓	✓ 1
82	1-19-1A	CN 1-18-85	4	✓	✓ 4
83	1-59-2A	CN 1-18-85	1	✓	✓ 1
84	1-65-2A	ER 1-18-85	1	✓	✓ 1
85	1-684-1B	DM 1-18-85	1	✓	✓ 1
86	1-725-2A	DM 1-18-85	1	✓	✓ 1
87 SOIL	1-25-1A	ER 1-18-85	1	—	
88	1-25-1A	ER 1-18-85	1	✓	✓ 1
89	1-61-1A	CN 1-18-85	4	✓	✓ 5 1=BRICK
90	1-20-1A	CN 1-18-85	1	✓	✓ 1
91	1-26-1B	ER 1-18-85	4	✓	✓ 4
92	1-684-2A	DM 1-18-85	1	✓	✓ 1
93	1-94-1A	AH 1-18-85	2	✓	✓ 2
94	1-56-2A	JS 1-18-85	2	✓	✓ 2
95	1-59-3A	CN 1-22-85	2	✓	✓ 2
96	1-57-2A	JS 1-22-85	2	✓	✓ 2
97	1-64-1A	LL 1-22-85	1	✓	✓ 1
98	1-30-1B	WB 1-22-85	2	✓	✓ 2
99	1-197-1B	WB 1-22-85	1	✓	✓ 1
100	1-198-1B	WB 1-22-85	1	✓	✓ 1

(B) 1/30

1/22

1/28

Check out - is it completed

1/23

1/25

BAG #	AREA UNIT-LEVEL FEATURE	DATE INITIALS	# BAGS	SCREENED	LAB
101	1-239-1B	WB 1-22-85	1	✓	✓ 1
102	1-238-1B	WB 1-22-85	1	✓	✓ 1
103 SOIL	1-197-1B	WB 1-22-85	1	—	
104	1-685-1A	DM 1-22-85	1	✓	✓ 1
105	1-726-1A	DM 1-22-85	1	✓	✓ 1
106 SOIL	1-685-1A	DM 1-22-85	1	—	
107	1-316-1A	AH 1-22-85	2	✓	✓ 2
108	1-275-1A	AH 1-22-85	2	✓	✓ 2
109	1-16-2A	JS 1-22-85	1	✓	✓ 1
110	1-15-2A	JS 1-22-85	1	✓	✓ 1
111	1-64-1B	LL 1-22-85	1	✓	✓ 1
112	1-59-4A	CN 1-22-85	1	✓	✓ 1
113	1-275-2A	AH 1-22-85	1	✓	✓ 1
114	1-316-2A	AH 1-22-85	1	✓	✓ 1
115	1-61-2A	CN 1-22-85	2	✓	✓ 2
116	1-29-2B	WD 1-22-85	1	✓	✓ 1
117 SOIL	1-29-2B	WD 1-22-85	1	—	
118	1-685-1M	DM 1-23-85	1	✓	✓ 1
119 SOIL	1-685-1M	DM 1-23-85	1	—	
120	1-64-2A	LL 1-23-85	1	✓	✓ 1
121	1-685-2A	DM 1-23-85	2	✓	✓ 2
122 SOIL	1-685-2A	DM 1-23-85	1	—	
123	1-726-2A	DM 1-23-85	2	✓	✓ 2
124	1-100-1A	CN 1-23-85	2	✓	✓ 3 1=BRICK
125	1-102-1A	CN 1-23-85	3	✓	✓ + 2

1/25

Check out 1/24

1/24

BAG #	AREA UNIT LEVEL FEATURE	DATE INITIALS	# BAGS	SCREENED	LAB
126	1-276-1A	AH 1-23-85	2	✓	✓ 2
127	1-64-2B	LL 1-23-85	1	✓	✓ 1
128	1-25-1B	LL 1-23-85	2	✓	✓ 2
129 SOIL	1-25-1B	LL 1-23-85	1	—	
130 SW SOIL	1-276-1A	AH 1-23-85	1	—	
131 SOIL	1-94-1A	AH 1-23-85	1	—	
132	1-317-1A	AH 1-23-85	2	✓	✓ 2
133	1-67-1A	LL 1-24-85	1	✓	✓ 1
134	1-686-1A	DM 1-24-85	1	✓	✓ 1
135	1-727-1A	DM 1-24-85	1	✓	✓ 1
136	1-276-2A	AH 1-24-85	1	✓	✓ NO artifacts
137	1-70-1B	WB 1-24-85	2	✓	✓ 2
138 SOIL	1-F.3 (03)	WB 1-24-85	1	—	
139	1-71-1B	WB 1-24-85	1	✓	✓ 1
140	1-317-2A	WB 1-24-85	1	✓	✓ 1
141	1-67-1B	LL 1-24-85	1	✓	✓ 1
142	1-FEA.3 (03)	WB 1-24-85	2	✓	✓ 2
143	1-194-1A	AH 1-24-85	3	✓	✓ 3
144 SOIL	1-100-1A	CN JE 1-24-85	1	—	
145 SOIL	1-102-1A	CN AC 1-24-85	1	—	
146	1-25-2A	LL 1-24-85	2	✓	✓ 2
147 SOIL	1-100-1B	CN JE 1-24-85	1	—	
148	1-100-1B	CN JE 1-24-85	1	✓	✓ 1
149 SOIL	1-25-2A	LL 1-24-85	1	—	
150	1-686-2A	DM 1-24-85	1	✓	✓ 1

1/25

Check out OK
1/25

1/25

BAG #	AREA UNIT-LEVEL FEATURE	DATE INITIALS	# BAGS	SCREENED	LAB
151	1-100-1M	CN JE 1-24-85	2	✓	✓ 2
152 SOIL	1-100-1M	CN JE 1-24-85	1	—	
153	1-66-1A	LL 1-24-85	1	✓	✓ 1
154	1-102-1B	CN 1-24-85	2	✓	✓ 2
155	1-66-1B	LL 1-24-85	1	✓	✓ 1
156 SOIL	1-102-1B	CN 1-24-85	1	—	
157	1-767-1A	DM 1-25-85	1	✓	✓ 1
158 SOIL	1-767-1A	DM 1-25-85	1	—	
159 SOIL	1-Feu.3 (04)	WB 1-25-85	1	—	
160	1-Feu.3 (04)	WB 1-25-85	2	✓	✓ 2
161	1-102-2A	CN 1-25-85	1	✓	✓ 1
162 SOIL	1-102-2A	CN 1-25-85	1	—	
163 SOIL	1-18-2A	OX CN 1-29-85			
164	1-66-2A	LL 1-25-85	1	✓	✓ 1
165	1-67-2A	LL 1-25-85	1	✓	✓ 1
166	1-26-2A	LL 1-25-85	1	✓	✓ 1
167	1-727-2A	DM 1-25-85	1	✓	✓ 1
168	1-100-1N	CN 1-25-85	1	✓	✓ 1
169 SOIL	1-100-1N	CN 1-25-85	1	—	
170	1-101-1A	CN 1-25-85	2	✓	✓ 2
* 171	1-193-1A	AH 1-25-85	3	✓	✓ 2
172 SOIL	1-193-1A	AH 1-25-85	1	—	
173	1-804-1A	LL 1-25-85	2	✓	✓ 2
174	1-100-1.0	CN 1-25-85	1	✓	✓ 1
175	1-111-1A	WB 1-25-85			

1/25

1/25

1/27

NOTE was #25 ON BAG OR LAB TRANSCRIPTION

1/28
(2) 1/28

1/28

BAG #	AREA UNIT-LEVEL FEATURE	DATE INITIALS	# BAGS	SCREENING	LAB
176	1-112-1A	WB 1-25-85			
177	1-153-1A	WB 1-25-85			
178	1-152-1A	WB 1-25-85			
179 SOIL	1-111-1A	WB 1-25-85	1	—	
180 SOIL	1-100-HO	CN 1-25-85	1	—	
181	1-100-2A	CN 1-25-85	2	✓	✓ 2
182 SOIL	1-100-2A	CN 1-25-85	1	—	
183	1-767-2A	DM 1-25-85	2	✓	✓ 2
184 SOIL	1-767-2A	DM 1-25-85	1	—	
185	1-98-1A	JS 1-26-85	1	✓	✓ 1
* 186	1-768-1A	WH 1-26-85	1	✓	✓ 2
187	1-768-2A	WH 1-26-85	1	✓	✓ 1
* 188	1-763-1A	LL 1-28-85	2	✓	✓ 1
189	1-138-1A	JS 1-28-85	1	✓	✓ 1
190	1-139-1A	JS 1-28-85	1	✓	✓ 1
191	1-799-1A	CN 1-28-85			
192	1-798-1A	CN 1-28-85	1	✓	✓ 1
193	1-763-1B	LL 1-28-85	1	✓	✓ 1
194	1-239-2A	ER 1-28-85	1	✓	✓ 1
195	1-198-2A	ER 1-28-85	1	✓	✓ 1
* 196	1-156-1A	ER 1-28-85	1	✓	✓ 2
197	1-157-1A	ER 1-28-85	2	✓	✓ 2
198 SOIL	1-763-1B	LL 1-28-85	1	—	
199	1-804-1B	LL 1-28-85	1	✓	✓ 1
200	1-101-1B	CN 1-28-85	3	✓	✓ 3

4/28

4/28

Check out!

Check out!

BAG #	AREA-UNIT LEVEL-SQUARE	DATE INITIALS	# BARS	SCREENED	LAB
226	1-98-1C	JS 1-29-85	1	✓	✓ 1
227	1-139-1B	JS 1-29-85	3	✓	✓ 3
228	1-763-1N	LL 1-29-85	1	✓	✓ 1
229 SOIL	1-763-1N	LL 1-29-85	1	—	
230	1-195-1A	AH 1-29-85	1	✓	
* 231	1-156-1B	ER 1-29-85	2	✓	✓ 1
232	1-236-1A	AH 1-29-85	1	✓	✓ 1
233	1-806-1A	DM 1-30-85	1	✓	✓ 1
234	1-807-1A	DM 1-30-85	1	✓	
235	1-809-1A	DM 1-30-85	1	✓	✓ 1
236	1-157-1B	ER 1-30-85	2	✓	✓ 2
237	1-97-1A	JS 1-30-85	2	✓	
238	1-139-1M	JS 1-30-85	1	✓	
239	1-19-2A	CN 1-30-85	1	✓	
240	1-798-2A	CN 1-30-85	1	✓	
241 SOIL	1-757-1A	CN 1-30-85	1	—	
242	1-763-1-0	LL 1-30-85	1	✓	
243 SOIL	1-763-1-0	LL 1-30-85	1	—	
244	1-803-1A (1-193-2A)	LL 1-30-85	2	✓	✓ 2
245	1-F.26 204 (1-193-2A)	AH 1-30-85	1	✓	
246 SOIL	1-F.26 204	AH 1-30-85	1	—	
247	1-74-1A	ER 1-30-85	1	✓	✓ 1
248	1-75-1A	ER 1-30-85	1	✓	✓ 1
249	1-138-2A	JS 1-30-85	1	✓	✓ 1
250	1-806-2A	DM 1-30-85			

$z_1(1/30)$

$1/3$

BAG #	AREA-UNIT LEVEL-FEA	DATE INITIAL	# BAGS	SCREENED	LAB
251	1-807-2A	DM 1-30-85	1	✓	✓ 1
252	1-809-2A	DM 1-30-85	1	✓	✓ 1
253	1-139-2A	JS 1-30-85	1	✓	✓ 1
254	1-97-1B	JS 1-30-85	1	✓	✓ 1
255	1-98-2A	JS 1-31-85	1	✓	✓ 1
256	1-799-1A	CN 1-31-85	2	✓	✓ 2
257	1-757-1B	CN 1-31-85	1	✓	✓ 1
258	1-195-2A	AH 1-31-85	1	✓	✓ 1
259	1-236-2A	AH 1-31-85			
260	(1-194-2A) F.28E00	AH 1-31-85	1	✓	✓ 1
261	1-96-1A	LL 1-31-85	1	✓	✓ 1
*262	1-95-1A	LL 1-31-85	1	✓	✓ 2
263 SOIL	1-95-1B	LL 1-31-85	1	—	
264	1-808-1A	DM 1-31-85			
265 SOIL	1-757-1B	CN 1-31-85	1	—	
266	1-757-1M	CN 1-31-85	1	✓	✓ 1
267	1-799-2A	CN 1-31-85	1	✓	✓ 1
268 SOIL	1-757-1M	CN 1-31-85	1	—	
269	1-96-1B	LL 1-31-85			
270 SOIL	1-97-1A	JS 1-31-85	1	—	
271 SOIL	1-97-1B	JS 1-31-85	1	—	
272	1-757-2A	CN 1-31-85			
273	1-95-1B	LL 1-31-85			
274 SOIL	1-95-1B	LL 1-31-85	1	—	
275	1-156-2A	ER 1-31-85			

Check

BAG #	AREA-UNIT LEVEL-REC	DATE INITIAL	# BAGS	SCREENED	LAB
276	1-758-1A	CN 2-1-85			
277	1-237-1A	BR 2-1-85			
278	1-196-1A	BR 2-1-85			
279 SOIL	1-196-1A	BR 2-1-85	1	—	
280	1-27-1A	DM 2-1-85			
281	1-68-1A	DM 2-1-85			
282	1-808-2A	DM 2-1-85			
283 SOIL	1-27-1A	DM 2-1-85	1	—	
284 SOIL	1-F.28A Ø9	BR 2-1-85	1	—	
285 SOIL	1-F.28A1Ø	BR 2-1-85	1	—	
286 SOIL	1-757-2A	CN 2-1-85	1	—	
287	1-180-1A	JS 2-1-85			
288	1-221-1A	JS 2-1-85			
289	1-758-1M	CN 2-1-85			
290	1-758-2A	CN 2-1-85			
291	1-27-2A	DM 2-4-85			
292	1-28-1A	DM 2-4-85			
293	1-68-2A	DM 2-4-85			
294 SOIL	1-27-2A	DM 2-4-85	1	-	
295	1-115-1A	ER 2-4-85			
296	1-220-1A	JS 2-4-85			
297 SOIL	1-F.28A Ø1	BR 2-4-85	1	—	
298 SOIL	1-F.28A Ø2	BR 2-4-85	1	—	
299	1-F.28A Ø9	BR 2-4-85			
300	1-F.28A1Ø	BR 2-4-85			

A = POST HOLE	N = WALKWAY
B = POST MOLD	S = ROOT CELLAR
C = PLANTING HOLE	P = SHELL MIDDEN
D = PLANTING DITCH	T = DUMP
E = WELL	
F = PRIVY	
G = PIT	
H = FOUNDATION	U =
R = CELLAR HOLE	V =
J = BUILDER'S TRENCH	W =
K = CHIMNEY BASE	X =
L = DRIP LINE	Y =
M = CISTERN	Z = UNKNOWN

N	Ø1	11 - SAND LEVEL	1 A - C
S	Ø2	12 = SOIL FILL AROUND FEA W 1/2	1 M - W
E	Ø3		Z - SURFACE FINDS
W	Ø4	13 SOIL FILL AROUND FEA E 1/2	Y = ANY LEVEL
NE	Ø5		X = MIXED LEVELS
SE	Ø6	14 FEATURE SURFACE	
NW	Ø7	15 W 1/2 SHELL MIDDEN	
SW	Ø8	16 E 1/2 SHELL MIDDEN	
N. POST MOLD	Ø9		
S. POST MOLD	10		

Bag #	AREA-UNIT CUBE-FIN	DATE INITIAL	# BAGS	Screened	LAB
301 SOIL	1-115-1A	ER 2-4-85			
302	1-F28 A Ø1	BR 2-4-85			
303	1-F28 A Ø2	BR 2-4-85			
304	1-141-1A	BH 2-4-85			
305	1-182-1A	BH 2-4-85			
306	1-180-2A	JS 2-4-85			
307	1-221-2A	JS 2-4-85			
308	1-220-2A	JS 2-4-85			
309	1-28-2A	DM 2-4-85			
310	1-95-2A	LL 2-4-85			
311 SOIL	1-95-2A	LL 2-4-85			
312	1-141-1M	BH 2-4-85			
313	1-182-1M	BH 2-4-85			
314 SOIL	1-277-1A	BR 2-4-85			
315 SOIL	1-196-2A	BR 2-4-85			
316	1-277-1A	BR 2-4-85			
317	1-96-2A	LL 2-5-85			
318	1-196-2A	BR 2-4-85			
319	1-803-1B	LL 2-4-85			
320	1-179-1A	JS 2-5-85			
321 SOIL	1-179-1A	JS 2-5-85			
322	1-96-1M	LL 2-5-85			
323	1-761-1A	LL 2-5-85			
324 SOIL	1-761-1A	LL 2-5-85			
325	1-219-1A	JS 2-5-85			

Bag #	AREA-UNIT Level Feet	Date INITIAL			
326	1-218-1A	2-5-85 JS			
327	1-116-2A	2-5-85 ER			
328	1-115-2A	2-5-85 ER			
329 SOIL	1-115-2A	2-5-85 ER			
330	1-75-2A	2-5-85 ER			
331	1-69-1A	2-5-85 DM			
332	1-179-2A	2-5-85 JS			
333	1-137-1A	2-5-85 LL			
334	1-278-1A	2-5-85 BR			
335	1-69-2A	2-5-85 DM			
336	1-109-1A	2-5-85 DM			
337 SOIL	1-109-1A	2-5-85 DM			
338	1-110-1A	2-5-85 DM			
339	1-150-1A	2-5-85 DM			
340	1-151-1A	2-5-85 DM			
341 SOIL	1-179-2A	2-5-85 JS			
342	1-219-2A	2-5-85 JS			
343	1-141-1-0	2-5-85 BH			
344	1-182-1-0	2-5-85 BH			
345	1-14-1B	2-5-85 BH			
346	1-74-2A	2-5-85 ER			
347	1-109-2A	2-6-85 DM			
348 SOIL	1-109-2A	2-6-85 DM			
349	1-137-1B	2-6-85 LL			
350	1-142-1A	2-6-85 BH			

Bag #	AREA-UNIT LEVEL-FEA	DATE INITIAL	BAG#	AREA-UNIT LEVEL-FEA	DATE INITIAL
351 SOIL	1-142-1A	BH 2-6-85	376	1-143-1A	BH 2-7-85
352	1-137-2A	LL 2-6-85	377	1-108-1A	ER 2-7-85
353	1-805-1A	LL 2-6-85	378	1-107-2A	ER 2-7-85
354	1-33-1A	ER 2-6-85	379 SOIL	1-107-2A	ER 2-7-85
355 SOIL	1-33-1A	ER 2-6-85	380	1-761-1M	LL 2-7-85
356	1-107-1A	ER 2-6-85	381 SOIL	1-761-1M	LL 2-7-85
357	1-183-1A	BH 2-6-85	382	1-110-2A	DM 2-7-85
358	1-178-1A	JS 2-6-85	383	1-183-2A	BH 2-7-85
359 SOIL	1-107-1A	ER 2-6-85	384	1-318-1A	BR 2-7-85
360	1-136-1A	LL 2-6-85	385	1-319-1A	BR 2-7-85
361	1-761-1B	LL 2-6-85	386	1-177-1B	JS 2-7-85
362 SOIL	1-761-1B	LL 2-6-85	387 SOIL	1-177-1B	JS 2-7-85
363	1-142-1-0	BH 2-6-85	388	1-136-1B	LL 2-7-85
364	1-762-1A	LL 2-6-85	389	1-184-1A	BA 2-7-85
365	1-F.28-A-10	BR 2-6-85	390	1-192-1A	DM 2-7-85
366	1-F.28-A-02	BR 2-6-85	391	1-762-1M	LL 2-7-85
367 SOIL	1-F.28-A-02	BR 2-6-85	392	1-176-1A	JS 2-8-85
368	1-151-2A	DM 2-6-85	393	1-217-1A	JS 2-8-85
369	1-178-2A	JS 2-6-85	394	1-135-1A	LL 2-8-85
370	1-183-1-0	BH 2-7-85	395	1-318-2A	BR 2-8-85
371 SOIL	1-277-2A	BR 2-7-85	396	1-319-2A	BR 2-8-85
372	1-277-2A	BR 2-7-85	397	1-158-2A	DM 2-8-85
373	1-177-1A	JS 2-7-85	398	1-192-2A	DM 2-8-85
374 SOIL	1-177-1A	JS 2-7-85	399	1-F.2 03	LL 2-8-85
375	1-218-1B	JS 2-7-85	400	1-F.2 04	LL 2-8-85

BAG #	AREA-UNIT Level-Feet	DATE INITIAL	BAG #	AREA-UNIT Level-Feet	DATE UNIT
401	1-184-10	BH 2-8-85	426	1-279-2A	BR 2-11-85
402	1-144-1A	BH 2-8-85	427	1-320-1A	BR 2-11-85
403	1-33-2A	ER 2-8-85	428	1-191-2A	DM 2-11-85
404 SOIL	1-33-2A	ER 2-8-85	429	1-232-2A	DM 2-11-85
405	1-34-1A	ER 2-8-85	430	1-233-2A	DM 2-11-85
406	1-176-1B	JS 2-8-85	431 SOIL	1-191-2A	DM 2-11-85
407	1-148-1A	ER 2-8-85	432	F-572Ø4	LL 2-11-85
408	1-135-1B	LL 2-8-85	433	V-802-2A	LL 2-13-85
409	1-103-1A	BH 2-11-85	434	1-803-2A	LL 2-13-85
410	1-145-1A	BH 2-11-85	435	1-764-1A	LL 2-13-85
411	1-232-1A	DM 2-11-85	436	Z20 1-F52ZØ4	CN 2-13-85
412	1-233-1A	DM 2-11-85	437	Z21 1-F52ZØ3	CN 2-13-85
413	1-191-1A	DM 2-11-85	438	1-104-1A	BH 2-13-85
414	1-805-1B	LL 2-11-85	439 SOIL	Z20 1-F52ZØ4	CN 2-13-85
415 SOIL	1-191-1A	DM 2-11-85	440	1-320-2A	BR 2-13-85
416	1-149-1A	ER 2-11-85	441	1-280-1A	BR 2-13-85
417 SOIL	1-103-1A	BH 2-11-85	442	1-321-2A	BR 2-13-85
418 SOIL	1-279-1A	BR 2-11-85	443	1-300-1A	CN 2-13-85
419	1-279-1A	BR 2-11-85	444	1-801-1A	CN 2-13-85
420	1-321-1A	BR 2-11-85	445	1-260-1A	CN 2-13-85
421	1-23-2A	LL 2-11-85	446	1-259-1A	CN 2-13-85
422	1-217-1B	CN 2-11-85	447 SOIL	1-259-1A	CN 2-13-85
423	1-24-2A	LL 2-11-85	448	1-34-2B	ER 2-13-85
424 SOIL	1-23-2A	LL 2-11-85	449	F-572Ø3	LL 2-13-85
425 SOIL	1-279-2A	BR 2-11-85	450	1-363-1A	BR 2-13-85

Z21

[illegible] 52 Z03?

BAG #	AREA-UNIT LEVEL-FEA	DATE INITIAL	BAG #	AREA-UNIT LEVEL-FEA	DATE INITIAL
451 SOIL	1-363-1A	BR 2-13-85	476	1-154-1Y	ER 2-14-85
452	1-301-2A	CN 2-13-85	477	1-155-1Y	ER 2-14-85
453	1-105-1Y	BH 2-13-85	478	1-33-2B	ER 2-14-85
454	1-146-1Y	BH 2-13-85	479	1-761-1N	LL 2-14-85
455	1-190-1Y	DM 2-13-85	480 SOIL	1-761-1N	LL 2-14-85
456	1-405-1A	BR 2-13-85	481	1-764-1B	LL 2-14-85
457	1-75-2A	ER 2-13-85	482	1-762-1N	LL 2-14-85
458	1-111-1Y	ER 2-13-85	483	1-258-1A	CN 2-14-85
459	1-112-1Y	ER 2-13-85	484	1-404-1A	BR 2-14-85
460	1-152-1Y	ER 2-13-85	485	1-364-1A	BR 2-14-85
461	1-153-1Y	ER 2-13-85	486	1-271-1A	DM 2-14-85
462	1-363-2A	BR 2-14-85	487 SOIL	1-271-1A	DM 2-14-85
463 SOIL	1-363-2A	BR 2-14-85	488	1-74-2B	ER 2-14-85
464	1-405-2A	BR 2-14-85	489	1-299-1A	CN 2-14-85
465	1-231-1Y	DM 2-14-85	490	1-343-1A	CN 2-14-85
466	1-230-1Y	DM 2-14-85	491	1-404-2A	BR 2-14-85
467	1-189-1Y	DM 2-14-85	492 SOIL	1-343-1A	CN 2-14-85
468	1-272-1A	DM 2-14-85	493	1-271-2A	DM 2-14-85
469	1-300-2A	CN 2-14-85	494 SOIL	1-271-2A	DM 2-14-85
470	1-259-2A	CN 2-14-85	495	1-272-2A	DM 2-14-85
471 SOIL	1-259-2A	CN 2-14-85	496	1-800-1Y	LL 2-14-85
472	1-106-1Y	BH 2-14-85	497	1-762-2A	LL 2-14-85
473	1-147-1Y	BH 2-14-85	498	1-F.85 A Ø1	BR 2-14-85
474	1-113-1Y	ER 2-14-85	499 SOIL	1-F.85 A Ø1	BR 2-14-85
475	1-114-1Y	ER 2-14-85	500	1-F85 A Ø2	BR 2-14-85

BAG #	AREA-UNIT LEVEL-FEA	DATE INITIAL	BAG #	AREA-UNIT LEVEL-FEA	DATE INITIAL
501	1-801-1Y	LL 2-15-85	526	1-72-1Y	ER 2-15-85
502	1-364-2A	BR 2-15-85	527	1-73-1Y	ER 2-15-85
503	1-312-1A	DM 2-15-85	528	1-229-1A	BH 2-15-85
504	1-313-1A	DM 2-15-85	529	1-312-2A	DM 2-15-85
505	1-273-1Y	DM 2-15-85	530	1-313-2A	DM 2-15-85
506	1-274-1Y	DM 2-15-85	531	1-384-1A	CN 2-15-85
507	1-314-1Y	DM 2-15-85	532	1-341-2A	BR 2-15-85
508	1-315-1Y	DM 2-15-85	533	1-228-1A	BH 2-15-85
509	1-385-1A	CN 2-15-85	534	1-344-1A	CN 2-15-85
510	1-764-2A	LL 2-15-85	535	1-200-1A	JS 2-18-85
511	1-187-1A	BH 2-15-85	536	1-240-1A	JS 2-18-85
512	1-188-1A	BH 2-15-85	537	1-281-1Y	JS 2-18-85
513 SOIL	1-187-1A	BH 2-15-85	538	1-282-1Y	JS 2-18-85
514	1-343-2A	CN 2-15-85	539	1-322-1Y	JS 2-18-85
515 SOIL	1-343-2A	CN 2-15-85	540	1-323-1Y	JS 2-18-85
516	1-136-2A	LL 2-15-85	541	1-355-1A	DM 2-18-85
517	1-199-1A	BR 2-15-85	542 SOIL	1-355-1A	DM 2-18-85
518 SOIL	1-199-1A	BR 2-15-85	543	1-356-1A	DM 2-18-85
519	1-241-1A	BR 2-15-85	544	1-396-1A	DM 2-18-85
520	1-260-1B	CN 2-15-85	545	1-397-1A	DM 2-18-85
521	1-299-2A	CN 2-15-85	546	1-353-1Y	DM 2-18-85
522	1-260-2A	CN 2-15-85	547	1-354-1Y	DM 2-18-85
523	1-385-2A	CN 2-15-85	548	1-394-1Y	DM 2-18-85
524	1-31-1Y	ER 2-15-85	549	1-395-1Y	DM 2-18-85
525	1-32-1Y	ER 2-15-85	550	1-760-1Y	LL 2-18-85

BAG #	AREA-UNIT LEVEL-FEA	DATE INITIAL	BAG #	AREA-UNIT LEVEL-FEA	DATE INITIAL
551	1-759-1Y	LL 2-18-85	576	1-362-1Y	JS 2-19-85
552	1-340-1Y	CN 2-18-85	577	1-402-1Y	JS 2-19-85
553	1-384-2A	CN 2-18-85	578	1-403-1Y	JS 2-19-85
554	1-381-1Y	CN 2-18-85	579	1-223-1A	BH 2-19-85
555	1-382-1Y	CN 2-18-85	580	1-224-1A	BH 2-19-85
556	1-383-1Y	CN 2-18-85	581	1-225-1A	BH 2-19-85
557	1-341-1Y	CN 2-18-85	582	1-269-1Y	BH 2-19-85
558	1-342-1Y	CN 2-18-85	583	1-270-1Y	BH 2-19-85
559	1-302-1Y	CN 2-18-85	584	1-310-1Y	BH 2-19-85
560	1-303-1Y	CN 2-18-85	585	1-311-1Y	BH 2-19-85
561	1-261-1Y	CN 2-18-85	586	1-267-1A	BH 2-19-85
562	1-262-1Y	CN 2-18-85	587	1-268-1A	BH 2-19-85
563	1-228-1B	BH 2-18-85	588	1-267-1M	BH 2-19-85
564	1-185-1Y	BH 2-18-85	589	1-268-1M	BH 2-19-85
565	1-226-1Y	BH 2-18-85	590	1-769-1Y	ER 2-19-85
566	1-227-1Y	BH 2-18-85	591	1-770-1Y	ER 2-19-85
567	1-186-1Y	BH 2-18-85	592	1-810-1Y	ER 2-19-85
568	1-721-1A	LL 2-18-85	593	1-811-1Y	ER 2-19-85
569	1-720-1A	LL 2-18-85	594	1-117-1Y	ER 2-19-85
570	1-355-2A	DM 2-18-85	595	1-118-1Y	ER 2-19-85
571 SOIL	1-355-2A	DM 2-18-85	596	1-158-1Y	ER 2-19-85
572	1-356-2A	DM 2-18-85	597	1-159-1Y	ER 2-19-85
573	1-240-2A	JS 2-18-85	598	1-437-1Y	DM 2-19-85
574	1-200-2A	JS 2-18-85	599	1-438-1Y	DM 2-19-85
575	1-361-1Y	JS 2-19-85	600	1-478-1Y	DM 2-19-85

Bag #	Area-Unit Level-Fea	Initial Date	Bag #	Area-Unit Level-Fea	Initial Date
601	1-479-1Y	DM 2-19-85	626	1-359-1Y	JS 2-19-85
602	1-347-1A	CN 2-19-85	627	1-360-1Y	JS 2-19-85
603 soil	1-347-1A	CN 2-19-85	628	1-400-1Y	JS 2-19-85
604	1-348-1A	CN 2-19-85	629	1-401-1Y	JS 2-19-85
605	1-388-1A	CN 2-19-85	630	1-422-2A	CN 2-20-85
606	1-389-1A	CN 2-19-85	631	1-357-1Y	JS 2-20-85
607	1-345-1Y	CN 2-19-85	632	1-358-1Y	JS 2-20-85
608	1-346-1Y	CN 2-19-85	633	1-398-1Y	JS 2-20-85
609	1-386-1Y	CN 2-19-85	634	1-399-1Y	JS 2-20-85
610	1-387-1Y	CN 2-19-85	635	1-35-1Y	ER 2-20-85
611	1-422-1A	CN 2-19-85	636	1-36-1Y	ER 2-20-85
612	1-423-1Y	CN 2-19-85	637	1-76-1Y	ER 2-20-85
613	1-421-1Y	CN 2-19-85	638	1-77-1Y	ER 2-20-85
614	1-380-1Y	CN 2-19-85	639	1-F.89PØ1	LL 2-20-85
615	1-396-2A	DM 2-19-85	640	1-F.89PØ2	LL 2-20-85
616	1-397-2A	DM 2-19-85	641	1-308-1A	BH 2-20-85
617	1-720-1M	LL 2-19-85	642	1-267-1N	BH 2-20-85
618	1-721-1M	LL 2-19-85	643	1-268-1N	BH 2-20-85
619	1-388-1M	CN 2-19-85	644	1-308-1M	BH 2-20-85
620	1-347-1M	CN 2-19-85	645	1-388-2A	CN 2-20-85
621	1-309-1A	BH 2-19-85	646	1-347-2A	CN 2-20-85
622	1-309-1M	BH 2-19-85	647 soil	1-347-2A	CN 2-20-85
623	1-267-2A	BH 2-19-85	648	1-718-1Y	LL 2-20-85
624	1-268-2A	BH 2-19-85	649	1-719-1Y	LL 2-20-85
625 soil	1-347-1M	CN 2-19-85	650 *	ARTIFACT 1-S Ample	DS 2-20-85

2/18 (25)

312 DM
314 DM
273 DM
313 DM
274 DM
315 DM
384 CN
385 CN
764 LL
344 CN
355 DM
113 ER
114 ER
154 ER
72 ER
31 ER
32 ER
73 ER
200 JS
155 ER
762 LL

187 BH
228 BH
188 BH
229 BH

2/19 (34)

340 CN
381 CN
262 CN
261 CN
302 CN
301 CN
240 JS
303 CN
355 DM
353 DM
354 DM
282 JS
322 JS
323 JS
395 DM
394 DM
356 DM
281 JS
342 CN
341 CN
383 CN

382 CN
185 BH
226 BH
227 BH
186 BH
811 ER
769 ER
770 ER
403 JS
402 JS
361 JS
362 JS
810 ER

ARTIFACT SAMPLE FROM BRICK PILE S. OF WELL

BAG #	AREA-UNIT LEVEL-FEA	INITIAL DATE	BAG #	AREA-UNIT LEVEL-FEA	INITIAL DATE
651	1-761-2A	LL 2-20-85	676	1-480-1A	JS 2-21-85
652 SOIL	1-761-2A	LL 2-20-85	677	1-481-1A	JS 2-21-85
653	1-435-1A	DM 2-20-85	678	1-441-1Y	JS 2-21-85
654	1-436-1A	DM 2-20-85	679	1-442-1Y	JS 2-21-85
655	1-476-1A	DM 2-20-85	680	1-482-1Y	JS 2-21-85
656	1-477-1A	DM 2-20-85	681	1-483-1Y	JS 2-21-85
657 SOIL	1-435-1A	DM 2-20-85	682 SOIL	1439-1A	JS 2-21-85
658	1-677-1Y	LL 2-20-85	683	1-389-2A	CN 2-21-85
659	1-678-1Y	LL 2-20-85	684	1-348-2A	CN 2-21-85
660	1-519-1Y	DM 2-20-85	685	1-503-1A	CN 2-21-85
661	1-520-1Y	DM 2-20-85	686 SOIL	1-503-1A	CN 2-21-85
662	1-560-1Y	DM 2-20-85	687	1-463-1A	CN 2-21-85
663	1-561-1Y	DM 2-20-85	688	1-504-1Y	CN 2-21-85
664	1-308-2A	BH 2-20-85	689	1-462-1Y	CN 2-21-85
665	1-309-2A	BH 2-20-85	690	1-435-2A	DM 2-21-85
666	1-444-1A	ER 2-20-85	691 SOIL	1-435-2A	DM 2-21-85
667	1-443-1A	ER 2-20-85	692	1-436-2A	DM 2-21-85
668	1-484-1A	ER 2-20-85	693	1-439-1B	JS 2-21-85
669	1-485-1A	ER 2-20-85	694 SOIL	1-439-1B	JS 2-21-85
670 SOIL	1-443-1A	ER 2-20-85	695	1-481-1B	JS 2-21-85
671	1-389-1M	CN 2-20-85	696	1-720-1N	LL 2-21-85
672	1-348-1M	CN 2-20-85	697	1-721-2A	LL 2-21-85
673	1-721-1N	LL 2-20-85	698	1-225-1B	BH 2-21-85
674	1-439-1A	JS 2-21-85	NOT USED DUP ~~699~~ VOID	1-224-1A	BH 2-21-85
675	1-440-1A	JS 2-21-85	700	1-224-1B	BH 2-21-85

2/20 (22)

800 LL
801 LL
380 CN
759 LL
760 LL
397 DM
479 DM
478 DM
438 DM
437 DM
347 CN
388 CN
421 CN
422 CN
117 ER
118 ER
158 ER
159 ER
401 JS
400 JS
359 JS
360 JS

Deleted 2/26/85

2/21 (18)

399 JS
357 JS
358 JS
398 JS
77 ER
76 ER
36 ER
35 ER
267 BH
268 BH
308 BH
309 BH
396 DM
348 CN
389 CN
387 CN
423 CN
346 CN

BAS #	AREA-UNIT LEVEL-FEA	INITIAL DATE	BAS #	AREA-UNIT LEVEL-FEA	INITIAL DATE
701	1-F.56P03	LL 2-21-85	726	1-393-1A	BH 2-22-85
702	1-F.56P04	LL 2-21-85	727	1-F.46A02	LL 2-22-85
703	1-257-1A	CN 2-22-85	728	1-F.146A01	LL 2-22-85
704	1-216-1Y	CN 2-22-85	729	1-133-1Y	CN 2-22-85
705	1-175-1Y	CN 2-22-85	730	1-174-1Y	CN 2-22-85
706	1-134-1Y	CN 2-22-85	731	1-F.53P13	BH 2-22-85
707	1-503-1B	CN 2-22-85	732	1-F.53P12	BH 2-22-85
708 Bolt	1-503-1B	CN 2-22-85	733	1-224-2A	BH 2-22-85
709	1-463-1B	CN 2-22-85	734 Bolt	1-439-1M	JS 2-22-85
710	1-481-1M	JS 2-22-85	NOT USED ~~735~~	VOID ~~1-439-2A~~	JS ~~2-22-85~~
711	1-439-1M	JS 2-22-85	NOT USED ~~736~~	VOID ~~1-481-2A~~	JS ~~2-22-85~~
712	1-445-1Y	ER 2-22-85	737	1-521-1Y	JS 2-22-85
713	1-446-1Y	ER 2-22-85	738	1-522-1Y	JS 2-22-85
714	1-486-1Y	ER 2-22-85	739	1-562-1Y	JS 2-22-85
715	1-487-1Y	ER 2-22-85	740	1-563-1Y	JS 2-22-85
716	1-526-1Y	ER 2-22-85	741	1-393-1B	BH 2-22-85
717	1-525-1Y	ER 2-22-85	742	1-476-2A	DM 2-22-85
718	1-566-1Y	ER 2-22-85	743	1-477-2A	DM 2-22-85
719	1-567-1Y	ER 2-22-85	744	1-215-1Y	CN 2-22-85
720	1-681-1Y	LL 2-22-85	745	1-404-1Y	CN 2-22-85
721	1-622-1Y	LL 2-22-85	746	1-505-1Y	CN 2-22-85
722	1-722-1Y	LL 2-22-85	747	1-393-2A	BH 2-22-85
723	1-723-1Y	LL 2-22-85	748	1-440-1A	JS 2-25-85
724	1-720-2A	LL 2-25-85	749	1-480-1A	JS 2-25-85
725	1-225-2A	BH 2-22-85	750	1-517-1Y	BZ 2-25-85

2/22 (20)

719 LL
718 LL
677 LL
678 LL
441 JS
442 JS
482 JS
483 JS
503 CN
463 CN
444 ER
485 ER
484 ER
443 ER
481 JS
439 JS
435 DM
436 DM
462 CN
504 CN

2/25 (27)

560 DM
561 DM
519 DM
477 DM
520 DM
761 LL
224 BH
394 DM
476 DM
298 CN
269 BH
310 BH
270 BH
311 BH
225 BH
393 BH
949 LL
352 BH
487 ER
~~487 ER~~
446 ER
445 ER
567 ER
566 ER
526 ER
525 ER
440 JS
480 JS

BAG #	AREA-UNIT LEVEL-FEA	INITIAL DATE	BAG #	AREA-UNIT LEVEL-FEA	INITIAL DATE
751	1-518-1Y	BR 2-25-85	776	1-680-1M	LL 2-25-85
752	1-558-1Y	BR 2-25-85	777	1-544-1B	CN 2-25-85
753	1-559-1Y	BR 2-25-85	778	1-352-2A	BH 2-25-85
754	1-352-1A	BH 2-25-85	779	1-257-2A	CN 2-25-85
755	1-949-1Y	LL 2-25-85	780	1-527-1Y	ER 2-26-85
756	1-680-1A	LL 2-25-85	781	1-528-1Y	ER 2-26-85
757	1-298-1Y	CN 2-25-85	782	1-568-1Y	ER 2-26-85
758	1-256-1Y	CN 2-25-85	783	1-569-1Y	ER 2-26-85
759	1-214-1Y	CN 2-25-85	784	1-523-1Y	ER 2-26-85
760	1-173-1Y	CN 2-25-85	785	1-524-1Y	ER 2-26-85
761	1-132-1Y	CN 2-25-85	786	1-564-1Y	ER 2-26-85
762	1-544-1A	CN 2-25-85	787	1-565-1Y	ER 2-26-85
763	1-480-1B	JS 2-25-85	788	1-351-1M	BH 2-26-85
764	1-440-1B	JS 2-25-85	789	1-349-1Y	BH 2-26-85
765	1-352-1B	BH 2-25-85	790	1-350-1Y	BH 2-26-85
766	1-223-1B	BH 2-25-85	791	1-390-1Y	BH 2-26-85
767	1-948-1Y	LL 2-25-85	792	1-391-1Y	BH 2-26-85
768	1-480-1M	JS 2-25-85	793	1-753-1Y	JS 2-26-85
769	1-440-1M	JS 2-25-85	794	1-754-1Y	JS 2-26-85
770	1-392-1A	BH 2-25-85	795	1-795-1Y	JS 2-26-85
771	1-392-1M	BH 2-25-85	796	1-794-1Y	JS 2-26-85
772	1-351-1A	BH 2-25-85	797	1-433-1Y	BR 2-26-85
773 SOIL	1-351-1A	BH 2-25-85	798	1-434-1Y	BR 2-26-85
774	1-599-1A	BR 2-25-85	799	1-474-1Y	BR 2-26-85
775 SOIL	1-599-1A	BR 2-25-85	800	1-475-1Y	BR 2-26-85

BRICK MUTBLE E + S OF WELL

change #774 from 601 → 599

BAG #	Area-Unit Level-Fea	Initial Date	BAG #	Area-Unit Level-Fea	Initial Date
PROVENIENCE [illegible] *801	* → TOP METER 1-F.176N3/4	2-26-85 DS	826	1-713-1Y	JS 2-27-85
802	1-950-1Y	LL 2-26-85	827	1-515-1A	BR 2-27-85
803	1-679-1A	LL 2-26-85	828	1-516-1A	BR 2-27-85
804 SOIL	1-679-1A	LL 2-26-85	829 SOIL	1-515-1A	BR 2-27-85
805	1-680-1N	LL 2-26-85	830	1-F.145Z14	ER 2-27-85
806	1-223-2A	BH 2-26-85	831	1-751-1Y	JS 2-27-85
807	1-544-1M	CN 2-26-85	832	1-752-1Y	JS 2-27-85
808 SOIL	1-351-1M	BH 2-26-85	833	1-792-1Y	JS 2-27-85
809 SOIL	1-351-2A	BH 2-26-85	834	1-793-1Y	JS 2-27-85
810	1-351-2A	BH 2-26-85	835	1-544-2A	CN 2-27-85
811	1-392-2A	BH 2-26-85	836	1-F.53P15	BH 2-27-85
812	1-956-1Y	LL 2-26-85	837	1-F.53P16	BH 2-27-85
813	1-929-1Y	LL 2-26-85	838	1-515-1M	BR 2-27-85
814	1-305-1Y	CN 2-26-85	839 SOIL	1-515-1M	BR 2-27-85
815	1-306-1Y	CN 2-26-85	840	1-516-1M	BR 2-27-85
816	1-307-1Y	CN 2-26-85	841	1-599-1M	ER 2-27-85
817	1-264-1Y	CN 2-26-85	*842	1-F.154C01	ER 2-27-85
818	1-265-1Y	CN 2-26-85	*843 SOIL	1-F.154C01	ER 2-27-85
819	1-266-1Y	CN 2-26-85	*844	1-F.154C02	ER 2-27-85
820	1-679-1M	LL 2-26-85	845	1-607-1Y	ER 2-27-85
821 SOIL	1-679-1M	LL 2-26-85	846	1-F.98Z01	LL 2-27-85
822 SOIL	1-523-1A	ER 2-26-85	847	1-F.98Z02	LL 2-27-85
823	1-671-1Y	JS 2-27-85	848 SOIL	1-F.98Z01	LL 2-27-85
824	1-672-1Y	JS 2-27-85	849	1-F117A09	LL 2-27-85
825	1-712-1Y	JS 2-27-85	850 SOIL	1-F117A09	LL 2-27-85

#842, 843 → 02
844 → 01

2/26 (23)

720 LL
223 BH
259 CN
177 CN
258 CN
176 CN
175 CN
257 CN
173 CN
174 CN
134 CN
133 CN
214 CN
215 CN
256 CN
216 CN
132 CN
722 LL
521 JS
522 JS
563 JS
562 JS
948 LL

2/27 (40)

681 LL
682 LL
723 LL
517 BR
518 BR
351 BH
558 BR
474 BR
475 BR
433 BR
434 BR
950 LL
956 LL
568 ER
569 ER
527 ER
528 ER
265 CN
264 CN
559 BR
929 LL
680 LL
753 JS
754 JS
794 JS
795 JS
464 CN
505 CN
392 BH
391 BH
306 CN
266 CN
305 CN
607 ER
523 ER
524 ER
712 JS
713 JS
671 JS
672 JS

BAG #	AREA-UNIT level-FEA	DATE INITIAL	BAG #	AREA-UNIT level-FEA	DATE INITIAL
851	1-F.792Ø1	LL 2-27-85	876	1-711-1Y	JS 2-28-85
852 SOIL	1-F792Ø1	LL 2-27-85	877	1-710-1Y	JS 2-28-85
853	1-F16ZØ1	A LL 2-27-85	878	156L01 1-F100CØ1	ER 2-28-85
854 SOIL	1-F16ZØ1	A LL 2-27-85	879 SOIL	156C01 1-F100CØ1	ER 2-28-85
855	1-679-1N	LL 2-27-85	880	1-431-1M	BH 2-28-85
856 SOIL	1-679-1N	LL 2-27-85	881	1-432-1M	BH 2-28-85
857 SOIL	1-599-1M	BR 2-27-85	882	1-472-1M	BH 2-28-85
858	1-431-1A	BH 2-27-85	883	1-473-1M	BH 2-28-85
859 SOIL	1-431-1A	BH 2-27-85	884 SOIL	1-431-1M	BH 2-28-85
860	1-432-1A	BH 2-28-85	885 SOIL	1-559-1N	BR 2-28-85
861	1-472-1A	BH 2-28-85	886	1-F10D14	DM 2-28-85
862	1-473-1A	BH 2-28-85	887 SOIL	1-F10D14	DM 2-28-85
863	1-585-1A	CN 2-28-85	888	1-F10D16	DM 2-28-85
864	1-673-1Y	JS 2-28-85	889 SOIL	1-F10D16	DM 2-28-85
865	1-674-1Y	JS 2-28-85	# 1865 COIN 890	1-F112ZØ2	CN 2-28-85
866	1-714-1Y	JS 2-28-85	~~891~~	~~1-F112ZØ1~~	~~CN 2-28-85~~
867	1-715-1Y	JS 2-28-85	892 SOIL	1-F112ZØ2	CN 2-28-85
868	1-556-1A	BR 2-28-85	893 ~~SOIL~~	~~1-F112ZØ1~~	~~CN 2-28-85~~
869	1-557-1A	BR 2-28-85	894	1-F198ZØ3	CN 2-28-85
870	1-599-1N	BR 2-28-85	895	1-F198ZØ4	CN 2-28-85
871	1-F.36ZØ2	LL 2-28-85	896 SOIL	1-F198ZØ3	CN 2-28-85
872 SOIL	1-F.36ZØ2	LL 2-28-85	897 SOIL	1-F198ZØ4	CN 2-28-85
873	1-F.172Ø2	2-28-85	898	1-F99A1Ø	LL 2-28-85
874	1-585-2A	CN 2-28-85	899 SOIL	1-F99A10	LL 2-28-85
875 SOIL	1-F.17202	LL 2-28-85	900	1-F99AØ2	LL 2-28-85

2/28 (15)

544 CN ✓
307 CN ✓
516 BR ✓
515 BR ✓
585 CN ✓
678 LL ✓
599 BR ✓
350 BH ✓
390 BH ✓
710 JS ✓
711 JS ✓
793 JS ✓
792 JS ✓
751 JS ✓
752 JS ✓
not exist
" "

BAG #	AREA-UNIT LEVEL-FEA	DATE INITIAL	BAG #	AREA-UNIT LEVEL-FEA	DATE INITIAL
901 SOIL	1-F99A02	LL 2-28-85	NOT DUG 926	1-676-1Y	JS 3-1-85
902	1-F117A01	LL 2-28-85	927	1-716-1Y	JS 3-1-85
903 SOIL	1-F117A01	LL 2-28-85	NOT DUG 928	1-717-1Y	JS 3-1-85
904	1-556-1M	BR 2-28-85	929	1-F23Z02	LL 3-1-85
905	1-557-1M	BR 2-28-85	930 SOIL	1-F23Z02	LL 3-1-85
906	52Z23 1-F70Z05	CN 2-28-85	931	1-F166D13	ER 3-1-85
907	1-F70Z06	CN 2-28-85	932 SOIL	1-F166D13	ER 3-1-85
908	52Z24 1-F70Z07	CN 2-28-85	933	1-F207A11 ~~1-F166D14~~	ER 3-1-85
909	52Z22 1-F70Z08	CN 2-28-85	934 SOIL	1-F207A11 ~~1-F166D14~~	ER 3-1-85
910 SOIL	52Z23 1-F70Z05	CN 2-28-85	935	1-F157C02	ER 3-1-85
911 SOIL	1-F70Z06	CN 2-28-85	936	1-F157C01	ER 3-1-85
912 SOIL	52Z24 1-F70Z07	CN 2-28-85	937 SOIL	1-F157C01	ER 3-1-85
913 SOIL	52Z22 1-F70Z08	CN 2-28-85	938	1-F206B11	ER 3-1-85
914	1-F10D12	DM 2-28-85	939 SOIL	1-F206B11	ER 3-1-85
915 SOIL	1-F10D12	DM 2-28-85	940	1-F112Z11	CN 3-1-85
916	1-F362D1	LL 2-28-85	941 SOIL	1-F112Z11	CN 3-1-85
917	1-F156C02	ER 2-28-85	942	1-F112Z12	CN 3-1-85
918	1-F206A11 ~~1-F166D11~~	ER 2-28-85	943 SOIL	1-F112Z12	CN 3-1-85
919 SOIL	1-F206A11 ~~1-F166D11~~	ER 2-28-85	944	1-F112Z13	CN 3-1-85
920	1-431-2A	BH 2-28-85	945 SOIL	1-F112Z13	CN 3-1-85
921 SOIL	1-431-2A	BH 2-28-85	946	1-F52Z11	CN 3-1-85
922	1-F172D1	LL 2-28-85	947 SOIL	1-F52Z11	CN 3-1-85
923	1-F33D11	LL 2-28-85	948	1-F52Z12	CN 3-1-85
924 SOIL	1-F33D11	LL 2-28-85	949 SOIL	1-F52Z12	CN 3-1-85
925	1-675-1Y	JS 3-1-85	950	1-F52Z13	CN 3-1-85

3/1 (8)

473 BH
431 BH
349 BH
432 BH
674 JS
673 JS
715 JS
714 JS

3/4 (5)

716 JS
675 JS
472 BH
556 BR
557 BR

Patti & Drew girl - fight!
screaming only.

BAG #	AREA-UNIT LEVEL-FEA	DATE INITIAL	BAG #	AREA-UNIT LEVEL-FEA	DATE INITIAL
951 SOIL	1-F52Z13	CN 3-1-85	976 SOIL	1-F112Z14	CN 3-1-85
952	1-F52Z14	CN 3-1-85	977	1-F112Z15	CN 3-1-85
953 SOIL	1-F52Z14	CN 3-1-85	978 SOIL	1-F112Z15	CN 3-1-85
954	1-F158C02	ER 3-1-85	979	1-F112Z16	CN 3-1-85
955 SOIL	1-F158C02	ER 3-1-85	980 SOIL	1-F112Z16	CN 3-1-85
956	1-F158C01	ER 3-1-85	981	1-F112Z17	CN 3-1-85
957	1-F207B11	ER 3-1-85	982 SOIL	1-F112Z17	CN 3-1-85
958 SOIL	1-F207B11	ER 3-1-85	983	1-F112Z18	CN 3-1-85
959	1-513-1Y	BH 3-1-85	984 SOIL	1-F112Z18	CN 3-1-85
960	1-F200Z11	BH 3-1-85	985	1-F112Z19	CN 3-1-85
961	1-555-1Y	BH 3-1-85	986 SOIL	1-F112Z19	CN 3-1-85
962	1-554-1Y	BH 3-1-85	987	1-F167D11	ER 3-1-85
963	1-F16A01	LL 3-1-85	988 SOIL	1-F167D11	ER 3-1-85
964 SOIL	1-F16A01	LL 3-1-85	989	1-648-1Y	ER 3-1-85
965	1-F23Z01	LL 3-1-85	990	1-17-1Y	JS 3-1-85
966	1-F117A22	LL 3-1-85	991	1-58-1Y	JS 3-1-85
967	52Z27 1-F70Z11	CN 3-1-85	992	1-F140Z07	BR 3-1-85
968 SOIL	52Z27 1-F70Z11	CN 3-1-85	993 SOIL	1-F140Z07	BR 3-1-85
969	1-F682Z02	LL 3-1-85	994	1-F170C04	ER 3-1-85
970 SOIL	1-F682Z02	LL 3-1-85	995 SOIL	1-F170C04	ER 3-1-85
971	1-F16A02	LL 3-1-85	996	1-F167D14	ER 3-1-85
972	1-472-2A	BH 3-1-85	997 SOIL	1-F167D14	ER 3-1-85
973	1-F140Z08	BR 3-1-85	998	1-F155C11	ER 3-1-85
974 SOIL	1-F140Z08	BR 3-1-85	999	1-F99A09	LL 3-1-85
975	1-F112Z14	CN 3-1-85	1000	1-F117A02	LL 3-4-85

BAG #	AREA-UNIT -LEVEL-FE	DATE INIT	BAG #	AREA-UNIT LEVEL-FEAT	DATE INIT
1001	1-F175Z02	LL 3/4	1026	SOIL 1-F208A02	LL 3/4
1002	SOIL 1-F175Z02	LL 3/4	1027	1-F145C03	LL 3/4
1003	1-F33D12	LL 3/4	1028	1-F171C01	LL 3/4
1004	SOIL 1-F33D12	LL 3/4	1029	1-F213D11	CN 3/4
1005	1-F145C04	ER 3/4	1030	SOIL 1-F213D11	CN 3/4
1006	SOIL 1-F145C04	ER 3/4	1031	1-F213Z12	CN 3/4
1007	1-F99A01	LL 3/4	1032	SOIL 1-F213Z12	CN 3/4
1008	1-R1001 AREA 1-F200Z12	BH 3/4	1033	1-F4Z01	LL 3/4
1009	1-F193Z04	BR 3/4	1034	SOIL 1-F4Z01	LL 3/4
1010	1-F134A10	LL 3/4	1035	1-F212C01	LL 3/4
1011	SOIL 1-F134A10	LL 3/4	1036	SOIL 1-F212C01	LL 3/4
1012	1-F171C02	ER 3/4	1037	1-F117A06	LL 3/4
1013	SOIL 1-F171C02	ER 3/4	1038	1-F117A08	LL 3/4
1014	1-F210C02	ER 3/4	1039	SOIL 1-F141C03	ER 3/4
1015	SOIL 1-F210C02	ER 3/4	1040	1-F141C04	ER 3/4
1016	1-F166D16	ER 3/4	1041	1-F211C11	ER 3/4
1017	SOIL 1-F166D16	ER 3/4	1042	SOIL 1-F211C11	ER 3/4
1018	1-F134A04	LL 3/4	1043	SOIL 1-F142C03	ER 3/4
1019	1-F134A02	LL 3/4	1044	1-F142C04	ER 3/4
1020	SOIL 1-F134A02	LL 3/4	1045	1-F134A09	LL 3/4
1021	1-F112Z20	CN 3/4	1046	1-F134A01	LL 3/4
1022	SOIL 1-F112Z20	CN 3/4	1047	1-F170C03	LL 3/4
1023	1-C991Y	JS 3/4	1048	1-F140Z05	DM 3-5-85
1024	1-C1401Y	JS 3/4	1049	SOIL 1-F140Z05	DM 3-5-85
1025	1-F208A02	LL 3/4	1050	1-F140Z06	DM 3-5-85

BAG #	AREA-UNIT level-FEA	DATE INITIAL	BAG #	AREA-UNIT level-FEA	DATE INITIAL
1051 SOIL	1-F140Z06	DM 3-5-85	1076 SOIL	1-K1001 A13 B60 1-F200Z13	BH 3-5-85
1052	1-F1012Ø1	DM 3-5-85	1077	K1-1001-B60 1-F200Z13	BH 3-5-85
1053 SOIL	1-F1012Ø1	DM 3-5-85	1078	1-F208A10	LL 3-5-85
1054	1-F1012Ø1	DM 3-5-85	1079	1-F117A24	LL 3-5-85
1055 SOIL	1-F216B11	ER 3-5-85	1080 SOIL	1-F117A24	LL 3-5-85
1056	1-F167D12	ER 3-5-85	1081	1-F218A01	CRN 3-5-85
1057 SOIL	1-F167D12	ER 3-5-85	1082 SOIL	1-F218A01	CRN 3-5-85
1058 SOIL	1-F216B02 ~~1-F216A02~~	ER 3-5-85	1083	1-F218A02	CRN 3-5-85
1059	1-F216B01 ~~1-F216A01~~	ER 3-5-85	1084 SOIL	1-F208A10	LL 3-5-85
1060	1-F175Z01	LL 3-5-85	1085 SOIL	1-F216A02	ER 3-5-85
1061	1-F117A23	LL 3-5-85	1086 SOIL	1-F217AØ3	ER 3-5-85
1062	1-F212CØ2	LL 3-5-85	1087 SOIL	1-F217BØ3	ER 3-5-85
1063	1-F942Ø3	BH 3-5-85	1088	1-F212Ø1	LL 3-5-85
1064 SOIL	1-F942Ø3	BH 3-5-85	1089 SOIL	1-F212Ø1	LL 3-5-85
NO SUCH #. 1065	~~1-F942Ø4~~	~~BH 3-5-85~~	1090	1-F10D13	DM 3-5-85
1066	1-F90ZØ1	BR/AC 3-5-85	1091 SOIL	1-F10D13	DM 3-5-85
1067 SOIL	1-F90ZØ1	BR/AC 3-5-85	1092	1-F217AØ3 ~~1-F217BØ3~~	ER 3-5-85
1068	1-F90ZØ2	BR/AC 3-5-85	1093 SOIL	1-F220BØ3	BH 3-5-85
1069 SOIL	1-F155C11	ER 3-5-85	1094	1-F220BØ3	BH 3-5-85
1070	1-F211 ~~C12~~	AH ER 3-5-85	1095	1-F22BØ4	BH 3-5-85
1071 SOIL	1-F211 ~~C12~~	AH ER 3-5-85	1096	1-F216AØ2 ~~1-F216AØ3~~	ER 3-5-85
1072	1-K1001 A X61 1-F200Z11	BH 3-5-85	1097	1-F217AØ4	ER 3-5-85
1073	1-F4Z02	LL 3-5-85	1098	1-F217BØ4	ER 3-5-85
1074	1-F74ZØ3	BR/BD 3-5-85	1099	1-F71AØ9	DM 3-5-85
1075 SOIL	1-F74ZØ3	BR/BD 3-5-85	1100 SOIL	1-F72AØ9	DM 3-5-85

3/5 (5)

17 JS
58 JS
99 JS
140 JS
648 ER

Completed Features as of 3/5

2
3
4
16
17
23
36
56
57
68
79
85
89
98
99
101
145
154
155
156
157
158
171
198
212

BAG #	AREA-UNIT LEVEL-FOR (AMENDED FROM 2)	DATE INITIAL	BAG #	AREA-UNIT LEVEL-FOR	DATE INITIAL
1101	1-F60A Ø2	DM 3-5-85	1112 SOIL	1-F72A Ø1	DM 3-6-85
1102 SOIL	1-F60~~Z~~ Ø2 A	DM 3-5-85	1127	1-F52Z15	CN 3-6-85
1103	1-F208A Ø9	LL 3-6-85	1128 SOIL	1-F52 Z15	CN 3-6-85
1104	1-F208A Ø1	LL 3-6-85	1129	1-F52 Z16	CN 3-6-85
1105	1-F6N11	JS 3-6-85	1130 SOIL	1-F52 Z16	CN 3-6-85
1106	1-F6N12	JS 3-6-85	1131	1-F52 Z17	CN 3-6-85
1107	1-F121Z11	DM 3-6-85	1132 SOIL	1-F52 Z17	CN 3-6-85
~~1108~~ SCREENED SOIL	1-F121Z11	DM 3-6-85	1133	1-K1001 ~~A14~~ G60 1-F200Z14	BH 3-6-85
1109	1-F175D13	LL 3-6-85	1134	1-F6N13	JS 3-6-85
1110	1-F186Z01	LL 3-6-85	1135	1-F6 N14	JS 3-6-85
1111 SOIL	1-F186Z01	LL 3-6-85	1136	1-F174A Ø4	LL 3-6-85
1112	1-F133D11	ER 3-6-85	1137 SOIL	1-F174A Ø4	LL 3-6-85
1113 SOIL	1-F133 D11	ER 3-6-85	1138	1-F174A Ø3	LL 3-6-85
1114	1-F167D13	ER 3-6-85	1139	1-F223C Ø1	DM 3-6-85
1115 SOIL	1-F167D13	ER 3-6-85	1140	1-F223C Ø2	DM 3-6-85
1116	1-F221B Ø1	BH 3-6-85	1141 SOIL	1-F223C Ø2	DM 3-6-85
1117	1-F221B Ø2	BH 3-6-85	1142	1-F121Z12	DM 3-6-85
1118 SOIL	1-F221B Ø2	BH 3-6-85	1143	1-F10D15	DM 3-6-85
1119	1-F220A Ø1	BH 3-6-85	1144	1-F216A Ø1	ER 3-6-85
1120	1-F73~~B Ø3~~ A11	BR/BD 3-6-85	1145	1-F219A11	ER 3-6-85
1121 SOIL	1-F73~~B Ø3~~ A11	BR/BD 3-6-85	1146 SOIL	1-F219 A11	ER 3-6-85
1122	1-F73A Ø3	BR/BD 3-6-85	1147 SOIL	1-F10 D15	DM 3-6-85
1123	1-F73A Ø4	BR/BD 3-6-85	1148	1-F10 D17	DM 3-6-85
1124	1-F73B Ø4	BR/BD 3-6-85	1149 SOIL	1-F10 D 17	DM 3-6-85
1125	1-F72A Ø1	DM 3-6-85	1150	1-F13 (P Ø4	BH 3-6-85

3/7

computed. Fees 3/6	COMPLETED: UNITS	FEATURES
117	513	
	514	
	554	
	TURNED IN BUT ALREADY SIGNED — 559	148 (NO FEA)
	518	
	476	
	477	
	515	

Bag (3/11)
1120 - Change 73B03 to 73A11

BAG #	AREA - UNIT LEVEL - FER	DATE INITIAL	BAG #	AREA - UNIT LEVEL - FER.	DATE INITIAL
1151 SOIL	1-F131P04	BH 3-6-85	1176 SOIL	1-F10D11	DM 3-6-85
1152	1-F224A03	LL 3-6-85	1177	(AMENDED)(FROM 2) 1-F60A01	DM 3-6-85
1153 SOIL	1-F224A03	LL 3-6-85	1178	1-F166D15	ER 3-6-85
1154	1-F95C06	LL 3-6-85	1179 SOIL	1-F166D15	ER 3-6-85
1155 SOIL	1-F95C06	LL 3-6-85	1180	1-F186Z02	LL 3-6-85
1156	1-F62Z04	BH 3-6-85	1181	1-K1001 ~~A15~~ H60 1-F100200Z15	BH 3/7/85
1157 SOIL	1-F6N13	JS 3-6-85	1182	1-F100094Z01	BH 3/7/85
1158 SOIL	1-F6N11	JS 3-6-85	1183	1-F100150Z02	BH 3/7/85
1159 SOIL	1-F6N12	JS 3-6-85	1184	1-F191Z04	CN 3/7/85
1160 SOIL	1-F6N14	JS 3-6-85	1185 SOIL	1-F191Z04	CN 3/7/85
1161	1-F131P03	DM 3-6-85	1186	1-F133D13	ER 3/7/85
1162	1-F132D11	CN 3-6-85	1187 SOIL	1-F133D13	ER 3/7/85
1163 SOIL	1-F132D11	CN 3-6-85	1188 SOIL	1-F227B04	ER 3/7/85
1164	1-F218B02	CN 3-6-85	1189	1-F227A04	ER 3/7/85
1165 SOIL	1-F218B02	CN 3-6-85	1190 SOIL	1-F227A04	ER 3/7/85
1166	1-F133D12	ER 3-6-85	1191	1-F187C04	ER 3/7/85
1167 SOIL	1-F133D12	ER 3-6-85	1192 SOIL	1-F187C04	ER 3/7/85
1168	1-F51B02	CN 3-6-85	1193 SOIL	1-F73A03	DM 3-7-85
1169 SOIL	1-F51B02	CN 3-6-85	1194	1-F73A03	DM 3-7-85
1170	1-F51B01	CN 3-6-85	1195	1-F221A11	BH 3-7-85.
1171	1-F166D17	ER 3-6-85	1196 SOIL	1-F221A11	BH 3-7-85
1172 SOIL	1-F166D17	ER 3-6-85	1197	1-F230Z03	BH 3-7-85
1173	1-F132D12	CN 3-6-85	1198 SOIL	1-F230Z03	BH 3-7-85
1174 SOIL	1-F132D12	CN 3-6-85	1199	1-F230Z04	BH 3-7-85
1175	1-F10D11	DM 3-6-85	1200	1-F83Z03	BH 3-7-85

COMPLETED: 3/8/85

FEATURES:

210
133
141
152
202
203
216
217
219
211
175
151
142

(no elevations
-or-
no horiz. dim.)

COMPLETED ALL BUT UNITS: 3/11

792-795
751-754
710-716
671-675

NEVER DUG

386
345
304
263
222
181
717
676

BAG #	AREA-UNIT LEVEL-FEA	DATE INITIAL	BAG #	AREA-UNIT LEVEL-FEA	DATE INIT.
1201	1-F83Z04	BH 3-7-85	1226	1-F151D11	ER 3-7-85
1202 SOIL	1-F83Z04	BH 3-7-85	1227 SOIL	1-F151D11	ER 3-7-85
1203	1-F6N15	MDR 3-7-85	1228	1-F167D15	ER 3-7-85
1204 SOIL	1-F6N15	MDR 3-7-85	1229 SOIL	1-F167D15	ER 3-7-85
1205	1-F95A05	LL 3-7-85	1230	1-F75Z03	DM 3-7-85
1206	1-F50A04	BH 3-7-85	1231	1-F75Z04	DM 3-7-85
1207	1-F50A09	BH 3-7-85	1232 SOIL	1-F75Z04	DM 3-7-85
1208 SOIL	1-F50A09	BH 3-7-85	1233	1-F6N16	MR 3-7-85
1209	1-F50B10	BH 3-7-85	1234 SOIL	1-F6N16	MR 3-7-85
1210	1-F50A01	BH 3-7-85	1235	1-F71A10	DM 3-7-85
1211	1-F50A02	BH 3-7-85	1236	1-F72A02	DM 3-7-85
1212	1-F202Z11	ER 3-7-85	1237	1-F175D14	LL 3-7-85
1213	1-F202C04	ER 3-7-85	1238	1-F224A26	LL 3-7-85
1214 SOIL	1-F202C04	ER 3-7-85	1239	1-K1001A~~11~~ I60 1-F200Z16	BH 3-7-85
1215	1-F227B04	ER 3-7-85	1240	1-F6N17	MR 3-7-85
1216	1-F227A03	ER 3-7-85	1241 SOIL	1-F6N17	MR 3-7-85
1217	1-F227B03	ER 3-7-85	1242	1-F129A02	CN 3-7-85
1218	1-F187C03	ER 3-7-85	1243 SOIL	1-F129A02	CN 3-7-85
1219	1-F202C03	ER 3-7-85	1244	1-F129A01	CN 3-7-85
1220	1-F152C04	ER 3-7-85	1245 SOIL	1-F129A01	CN 3-7-85
1221 SOIL	1-F152C04	ER 3-7-85	1246	1-F128C01	DM 3-7-85
1222	1-F152C03	ER 3-7-85	1247 SOIL	1-F128C01	DM 3-7-85
1223	1-F203C04	ER 3-7-85	1248	1-F128C02	DM 3-7-85
1224 SOIL	1-F203C04	ER 3-7-85	1249	1-F18Z04	BR 3-7-85
1225	1-F203C03	ER 3-7-85	1250 LIME SAMPLE	1-F18Z04	BR 3-7-85

COMPLETED 3/13 4/2

FEATURES:

147(Z), 18(Z), 37(Z or C), 72(A), 100(Z)
236A, 60A, 75A, 74C, 96A, 234Z 128C, 9.Z,
97C, 95A, 22A, 225Z, A2 NON FEA, 222A, 142C,
143D, 144C, 151D, 165C, 206A+B(?), 235A+B,

END OF DAY 3/13

190 NOT DUG,	165C
67 NOT A FEA.	97 NON-FEA
19A	173 NOT DUG
224A	149A

3/14 FEA. COMPLETED

94,	25
21	22
69	128
131	234
221	168
60	169
72	187
71	231
26	182
53	
24	

- Dated twice - only 1 bag

BAG #	AREA-UNIT LEVEL FEA	DATE INITIAL	BAG #	AREA-UNIT LEVEL-FEA	DATE INITIAL
~~1250~~ 1251 SOIL	1-F18Z04	BR 3-7-85	1276	1-F62Z25	CN 3/8
1252	1-F18Z11	BR 3-7-85	1277 SOIL	1-F52Z25	CN 3/8
1253	1-K1001 ~~A17~~ 369 1-F200Z17	BH 3-7-85	1278	1-F52Z26	CN 3/8
1254	1-F149B02	LL 3-7-85	1279 SOIL	1-F52Z26	CN 3/8
1255 SOIL	1-F149B02	LL 3-7-85	1280	1-F231A11	DM 3/8
1256	1-F94Z02	BH 3-7-85	1281 SOIL	1-F231A11	DM 3/8
1257	1-F229A01	CN 3-7-85	1282	1-F231A12	DM 3/8
1258 SOIL	1-F229A01	CN 3-7-85	1283	1-F52Z28	CN 3/8
1259	1-F229A02	CN 3-7-85	1284 SOIL	1-F52Z28	CN 3/8
1260 SOIL	1-F229A02	CN 3-7-85	1285	1-F52Z29	CN 3/8
1261	1-F21Z02	LL 3/8	1286 SOIL	1-F52Z29	CN 3/8
1262	1-F37Z01	LL 3/8	1287	1-F95A11	LL 3/8
1263	SOIL 1-F37Z01	LL 3/8	1288	1-F95A04	LL 3/8
1264	1-F175D15	LL 3/8	1289	1-F231A13	DM 3/8
1265	1-F22A01	LL 3/8	1290	1-F231A14	DM 3/8
1266 SOIL	1-F22A01	LL 3/8	1291 SOIL	1-F231A14	DM 3/8
1267	1-F143D11	ER 3/8	1292	1-F234Z03	DM 3/8
1268 SOIL	1-F143D11	ER 3/8	1293 SOIL	1-F234Z03	DM 3/8
1269	1-F144C03	ER 3/8	1294	1-F234Z04	DM 3/8
1270 SOIL	1-F144C03	ER 3/8	1295	1-F60A11	DM 3/8
1271	1-F144C04	ER 3/8	1296 SOIL	1-F60A11	DM 3/8
1272	1-F52Z18	CN 3/8	1297	1-F60A12	DM 3/8
1273 SOIL	1-F52Z18	CN 3/8	1298 SOIL	1-F151D12	ER 3/8
1274	1-F52Z19	CN 3/8	ER 1299	1-F188C04	ER 3/12
1275 SOIL	1-F52Z19	CN 3/8	1300	1-F165C02	ER 3/8

Trenches (backhoe)

T / / / Trench # / / /

location w/in trench.

1 = east trench

2 mid "

3 west "

4 W cross trench

5 S cross trench

explain where from in arbitrary #'s.

BAG#	AREA-UNIT LEVEL-FEA	DATE INITIAL	BAG#	AREA-UNIT LEVEL-FEA	DATE INITIAL
1301 SOIL	1-F165C02	ER 3/8	1326	1-F18Z03	BR 3/11
1302	1-F165C01	ER 3/8	1327	1-F18Z12	BR 3/11
1303 SOIL	1-F167D17	ER 3/8	1328	1-F9Z11	MR 3/11
1304	(INTERFACE) 1-F165A11 3 F235A11	ER 3/8	1329 SOIL	1-F9Z11	MR 3/11
1305 SOIL	1-F235A09	ER 3/8	1330	1-F60A13	DM 3/11
1306	1-F235A10	ER 3/8	1331 SOIL	1-F60A13	DM 3/11
1307	1-F235B09	ER 3/8	1332	1-F60A14	DM 3/11
1308 SOIL	1-F235B09	ER 3/9	1333 SOIL	1-F169B04	ER 3/11
1309	1-F235B10	ER 3/8	1334	1-F169A04	ER 3/11
1310	1-F143D12	ER 3/8	1335	1-F168D11	ER 3/11
1311 SOIL	1-F143D12	ER 3/8	1336	1-F130Z11	BH 3/11
1312	1-F69Z01	BH 3/8	1337	1-F130Z02	BH 3/11
1313	1-F69Z02	BH 3/8	1338	1-F130Z03	BH 3/11
1314	1-F135A11	CN 3/8	1339	1-F224A10	LL 3/11
1315	1-F136Z04	CN 3/11	1340 SOIL	1-F224A10	LL 3/11
1316 SOIL	1-F136Z04	CN 3/11	1341	1-F224A09	LL 3/11
1317	1-F136Z03	CN 3/11	1342	1-F225Z07	LL 3/11
1318 SOIL	1-F136Z03	CN 3/11	1343 SOIL	1-F225Z07	LL 3/11
1319	1-F96A02	LL 3/11	1344	1F222A01	DM 3/11
1320 SOIL	1-F96A02	LL 3/11	1345 SOIL	1F222A01	DM 3/11
1321	1-F22A02	LL 3/11	1346	1F222A02	DM 3/11
1322	1-F130Z01	BH 3/11	1347	1-F222A09	DM 3/11
1323	1F187C11	ER 3/11	1348	1-F222A10	DM 3/11
1324 SOIL	1-F169A11	ER 3/11	1349 SOIL	1-F222A10	DM 3/11
1325 SOIL	1-F168D11	ER 3/11	1350	1-F10D20	LL 3/11

Completed Units Features 3/18

149	239	74
280	189	76
321	188	123
	154	124
	153	116
	107	13
	175	18
	45	28
	20	115
	88	93
	86	224
	114	91
	83	56
	62	89
	57	
	87	
	125	
	230	
	220	
	130	
	38	
	75	
	73	
	39	
	150	

} ? artifact + soil ??

165 w/ ADD

TOTAL 135

ADD 1 251, 78, 55, 54, 27, 41, 102, 66, 34, 6, 129, 191, 241, 242, 136, 135, 132, 70, 226, 81, 240, 237, 51, 218, 229, 214, 213, 228, 112, 113 //

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIAL	BAG #	AREA, UNIT LEVEL, FEA.	DATE INITIAL
1351	1-F19A01	DM 3/11	1376	1-F240Z01	CN 3/11
1352	1-F19A02	DM 3/11	1377 SOIL	1-F240Z01	CN 3/11
1353 SOIL	1-F19A02	DM 3/11	1378	1-F240Z02	CN 3/11
1354	1-F19A09	DM 3/11	1379 SOIL	1-F240Z02	CN 3/11
1355	1-F19A10	DM 3/11	1380	1-F25A01	DM 3/12
1356 SOIL	1-F19A10	DM 3/11	1381 SOIL	1-F25A01	DM 3/12
1357	1-F6N18	MR 3/11	1382	1-F25A02	DM 3/12
1358 SOIL	1-F6N18	MR 3/11	1383	1-F25A09	DM 3/12
1359	1-F226Z03	CN 3/11	1384	1-F25A10	DM 3/12
1360 SOIL	1-F226Z03	CN 3/11	1385 SOIL	1-F25A10	DM 3/12
1361	1-F226Z04	CN 3/11	~~1386~~ 1386	1-F186A09	LL 3/12
1362 SOIL	1-F226Z04	CN 3/11	1387	1-F225Z02	LL 3/12
1363	1-F237Z01	CN 3/11	1388	1-F236Z01	LL 3/12
1364 SOIL	1-F237Z01	CN 3/11	1389 SOIL	1-F236Z01	LL 3/12
1365	1-F237Z02	CN 3/11	1390	1-F149A10	LL 3/12
1366 SOIL	1-F237Z02	CN 3/11	1391 SOIL	1-F149A10	LL 3/12
1367	1-F238B11	CN 3/11	1392	1-F149A09	LL 3/12
1368 SOIL	1-F238B11	CN 3/11	1393	1-F149A01	LL 3/12
1369	1-F160Z03	BH 3/11	1394	1-F157C11	ER 3/12
1370	1-F160Z04	BH 3/11	1395 SOIL	1-F157C11	ER 3/12
1371 SOIL	1-F160Z04	BH 3/11	1396	1-F239A03	ER 3/12
1372 SOIL	1-F130Z03	BH 3/11	1397 SOIL	1-F239A03	ER 3/12
1373	1-F188Z11	ER 3/11	1398	1-F239B03	ER 3/12
1374	1-F239Z04	ER 3/11	1399 SOIL	1-F239B03	ER 3/12
1375 SOIL	1-F239Z04	ER 3/11	1400	1-F37Z02	LL 3/12

FEATURES IN (3/19) 3/20

113, 172, 245, 78, 251, 161, 226, 237, 160, 244, 82, 247, 70, 77, 34, 66, 54, 27, 41, 191, 102, 55

FEATURES 3/20

257, 214, 197, 105, 184(void), 257(V), 47(V) 44(V), 252, 129, 241, 242, 81, 104, 120, 246 207, 51, 218, 240, 180, 132, 135, 136, 227, 14, 178, 43, 58

3/20

FEA. TO BE DONE	DONE	IN PROGRESS	
209 BH	162 ER	200 BH	232 BR
	138 "	204 BH	111 "
	253	166 ER	110 "
	256 "	167 "	31
	248	170	109
	29 DM	179	108
	40 "	181	66
	254 "	249 "	59 "
		257(V) DM	233 MR
		30 "	176 "
		92	
		47	
		106	
		119	
		32	
		184(V) "	
		179	
		258	
		191	
		48	
		7 BR	
		8 "	

UNITS:

MR IN PROGRESS	TURNED IN	
714	795	UNFINISHED FOLDER
671	794	
	793	
	756	
	755	
	753	
	752	
	14 - finished	
	711 "	
	712 "	
	713 "	
	672 - finished.	

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIAL	BAG #	AREA, UNIT LEVEL, FEA	DATE INITIAL
1401	1-F96A01	LL 3/12	1426	1-F33D13	LL 3/12/85
1402	1-F207A10	ER 3/12	1427	1-F172Z02	LL 3/12/85
1403 SOIL	1-F207A10	ER 3/12	1428 SOIL	1-F172Z02	LL 3/12
1404	1-F207A09	ER 3/12	1429	1-F147Z02	LL 3/12
1405	1-F20Z11	DM 3/13	1430 SOIL	1-F147Z02	LL 3/12
1406 SOIL	1-F82Z01	DM 3/12	1431	1-K1001 ~~M8K60~~ 1-F200Z18	BH 3/12
1407	1-F82Z02	DM 3/12	1432 ~~1432~~	1-F242Z11	CN 3/12
1408	1-F82Z01	DM 3/12	1433 SOIL	1-F242Z11	CN 3/12
1409	1-F20Z12	DM 3/13	1434	1-F147Z01	LL 3/13
1410 SOIL	1-F20Z12	DM 3/13	1435	1-F245Z03	DM 3/13
1411	1-F6N19	MR 3/12	1436	1-F245Z04	DM 3/13
1412 SOIL	1-F6N19	MR 3/12	1437 SOIL	1-F245Z04	DM 3/13
1413	1-795-2A	MR 3/12	1438	C 1-794-1N	MR 3/13
1414 SOIL	1-795-2A	MR 3/12	1439 SOIL	C 1-794-1N	MR 3/13
1415	1-F241Z11	CN 3/12	1440	C 1-754-1N	MR 3/13
1416 SOIL	1-F241Z11	CN 3/12	1441 SOIL	C 1-754-1N	MR 3/13
1417 SOIL	1-F188Z04	ER 3/12	1442	C 1-671-1N	MR 3/13
1418	1-F188Z03	ER 3/12	1443 SOIL	C 1-671-1N	MR 3/13
1419 SOIL	1-F188Z03	ER 3/12	1444	1-F125A11	BR 3/14
1420	1-F130Z04	BH 3/12	1445 SOIL	1-F125A11	BR 3/14
1421	1-F110D11	BH 3/12	1446	1-F182Z04	LL 3/13
1422	1-F100Z36	LL 3/12	1447 SOIL	1-F182Z04	LL 3/13
1423	1-F26Z11	DM 3/12	1448	1-F246C11	ER 3/13
1424 SOIL	1-F26Z11	DM 3/12	1449	1-F246C02	ER 3/13
1425	1-F26Z12	DM 3/12	1450 SOIL	1-F246C02	ER 3/13

FEATURES COMPLETED 3/21

FEA'S.	IN PROGRESS	ALMOST COMP.	COMPLETE
50	233 MR	166 BR	167 ER
138	250 MR	170 ER	195 VOID ER
253	179 ER	249 ER	92 DM
256	194 DM	177 ER	126 (HOOD)
164	258 DM	181 ER	119 DM
29	170 DM		30 DM
5	46 DM		103 VOID DM
40	232 BR		31 BR
254	185 WH 7 BR		110 BR
199	204 WH 8 BR		108 BR
10	200 WH 111 BR		59 BR
			109 BR
			127 BR
			64 BR
			65 BR

FEATURES COMPLETED 3/22

VOID: 195
64
127
92
59
31
49
139

BAG #	AREA, UNIT LEVEL, FEA.	DATE INITIALS	BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS
1451	1-F246C01	ER 3/13	1476 SOIL	1-F182A11	LL 3/13
1452	1-F104Z02	ER 3/13	1477	1-F182A03	LL 3/13
1453 SOIL	1-F104Z02	ER 3/13	1478	1-F86B01	BR 3/14
1454	1-F104Z01	ER 3/13	1479 SOIL	1-F86B01	BR 3/14
1455	1-F189C11	ER 3/13	1480	1-F76Z04	BR 3/13
1456 SOIL	1-F189C11	ER 3/13	1481	1-713-1N	MR 3/13
1457	1-F246C11	ER 3/13	1482 SOIL	1-14-1-0	MR 3/13 void
1458	1-F125A03	BR 3/13	1483	1-753-1N	MR 3/13
1459 SOIL	1-F125A03	BR 3/13	1484 SOIL	1-753N	MR 3/13
1460	1-F125A04	BR 3/13	1485	1-793-10	MR 3/13
1461	1-F107A04	ER 3/13	1486	1-14-1-0	MR 3/13
1462 SOIL	1-F107A04	ER 3/13	1487	1-F182-A12	LL 3/13
1463	1-F107B04	ER 3/13	1488	1-F167-D17	ER 3/13
1464 SOIL	1-F107B04	ER 3/13	1489	1-F244Z11	DM 3/13
1465	1-F107A03	ER 3/13	1490 SOIL	1-F244Z11	DM 3/13
1466	1-F107B03	ER 3/13	1491	1-F244Z12	DM 3/13
1467	1-F24Z02	LL 3/13	1492	1-F125A12	BR 3/14
1468 SOIL	1-F24Z02	LL 3/13	1493	1-F244Z13	DM 3/14
1469	1-F81Z11	CN 3/13	1494	1-F244Z14	DM 3/14
1470 SOIL	1-F81Z11	CN 3/13	1495 SOIL	1-F244Z14	DM 3/14
1471	1-F24Z01	LL 3/13	1496	1-K1001A~~19~~50 1-F200Z19	BH 3/14
1472 Changed from 49Z Changed back 3/20	1-F~~46A01~~ 48Z01	BR 3/13 (DM 3/22)	1496	~~1-F116Z11~~	BR 3/14 VOID
1473 SOIL	1-F~~46A01~~ 48Z01	BR 3/13 (DM 3/22)	1497 SOIL	~~1-F116Z11~~	BR 3/14 VOID
1474 Changed 11 SA	1-F46A02	BR 3/13	1498	1-F78A02	DM 3/14
1475	1-F182A11	LL 3/13	1499 SOIL	1-F78A02	DM 3/14

FEA'S - COMPLETE - UNITS MONDAY 3/25

232	2015	
46		
48		
260		
194		
258		
159		
106		
122		
118		
170		
FEA'S	UNITS	3/26
7	2024	
8	2025	
233	2015	
181 — A.M.	2014	
	2013	
FEA'S	UNITS	3/27
106 4000	4119	
159	2012	
258	2023	
194	2020	
48		
260		
46		
7		
232		
259		
181		
119		
179		

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS
1500	1-F78A10	DM 3/14	1525 SOIL	1-F5D14	DM 3/14
1501 SOIL	1-F78A10	DM 3/14	1526 SOIL	1-F5D13	DM 3/14
1502	1-712-1N	MR 3/14	1527	1-F5D14	DM 3/14
1503	1-F88Z02	BR 3/14	1528	1-F5D15	DM 3/14
1504	1-752-1N	MR 3/14	1529 SOIL	1-F5D15	DM 3/14
1505	1-F45Z11	DM 3/14	1530	1-F5D16	DM 3/14
1506	1-F45Z12	DM 3/14	1531 SOIL	1-F5D16	DM 3/14
1507 SOIL	1-F45Z12	DM 3/14	1532	1-F5D17	DM 3/14
1508	1-F164A03	BH 3/14	1533 SOIL	1-F5D17	DM 3/14
1509	1-F164A04	BH 3/14	1534	1-F247Z11	DM 3/14
1510	1-F164B03	BH 3/14	1535	1-F247Z12	DM 3/14
1511	1-F164B04	BH 3/14	1536 SOIL	1-F247Z12	DM 3/14
1512 SOIL	1-F164A03	BH 3/14	1537	1-F39Z02	DM 3/14
1513	1-F113 ~~Z03~~ Z04	BR 3/14	1538 SOIL	1-F39Z02	DM 3/14
1514 SOIL	1-F113 ~~Z03~~ Z04	BR 3/14	1539	1-F38Z02	DM 3/14
1515 SOIL	1-F88Z01	BR 3/14	1540 SOIL	1-F38Z02	DM 3/14
1516	1-F172Z11	LL 3/14	1541	1-711-1N	MR 3/14
1517 SOIL	1-F172Z11	LL 3/14	1542	1-756-1A	MR 3/15
1518	1-F114Z01	BR 3/14	1543	1-755-1N	MR 3/15
1519 SOIL	1-F114Z01	BR 3/14	1544 SOIL	1-755-1N	MR 3/15
1520	1-F5D11	DM 3/14	1545	1-F114Z02	BR 3/15
1521 SOIL	1-F5D11	DM 3/14	1546	1-F86B02	BR 3/15
1522	1-F5D12	DM 3/14	1547	1-F104A11	ER 3/15
1523 SOIL	1-F5D12	DM 3/14	1548	1-F180A03	ER 3/15
1524	1-F5D13	DM 3/14	1549	1-F180B03	ER 3/15
			1550	1-F180A04	ER 3/15

COMPLETED

UNITS	FEATURES 3/28
2021	205
2022	4002 } NOT COMPLETE TO BE COMPLETED
673	4001 }
711	250
712	
752	EXCAV. STOPPED ON:
753	673, 711, 712, 752, 753, 793,
793	794, 795
794	
795	
4150	

/ COMPLETED /

UNITS	FEATURES (TURNED IN) 4/1
2016	2000
2019	263 *
2018	4002
2038	4001
2039	166 *
2040	111 *
2017	126 * VOID
4150	
4086	
2041	
2051	
2050	

COMPLETED

UNITS	FEA'S 4/4
4117	213
4447	112
4448	229 stump hole ?
2044	228 — ?
2049	206
	52

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS
1551 SOIL	1-F180A04	ER 3/15	1576	1-F162A11	ER 3/15
1552	1-F180B04	ER 3/15	1577 SOIL	1-F162A11	ER 3/15
1553 SOIL	1-F180B04	ER 3/15	1578	1-F162A12	ER 3/15
1554	1-F166D18	ER 3/15	1579	1-F120Z01	ER 3/15
1555 SOIL	1-F166D18	ER 3/15	1580	1-F120Z02	ER 3/15
1556 SOIL	1-F104A11	ER 3/15	1581 SOIL	1-F120Z02	ER 3/15
1557	1-F46A12	BR 3/15	1582	1-F172Z13	LL 3/15
1558 SOIL	1-F46A12	BR 3/15	1583 SOIL	1-F172Z13	LL 3/15
1559	1-F88Z01	BR 3/15	1584	1-741N	MR 3/15
1560	1-F247Z13	DM 3/15	1585	1-F118D11	DM 3/15
1561	1-F247Z14	DM 3/15	1586 SOIL	1-F118D11	DM 3/15
1562 SOIL	1-F247Z14	DM 3/15	1587	1-F118D12	DM 3/15
1563	1-F248Z11	ER 3/15	1588 SOIL	1-F118D12	DM 3/15
1564 SOIL	1-F248Z11	ER 3/15	1589	1-F118D13	DM 3/15
1565	1-F248Z12	ER 3/15	1590 SOIL	1-F118D13	DM 3/15
1566	1-F159Z02	DM 3/15	1591	1-F118D14	DM 3/15
1567	1-F172Z12	LL 3/15	1592 SOIL	1-F118D14	DM 3/15
1568 SOIL	1-F172Z12	LL 3/15	1593	1-F122Z11	DM 3/15
1569	1-672IN	MR 3/15	1594 SOIL	1-F122Z11	DM 3/15
1570	1-752IO	MR 3/15	1595	4-ST. BRICK TRENCH	LL 3/15
1571	1-F113Z07	BR 3/15	1596	4 SOUTH TRENCH	LL 3/15
1572	1-F87Z04	BR 3/15	1597	4 EAST TRENCH	LL 3/15
1573 SOIL	1-F87Z04	BR 3/15	1598	4 NORTH TRENCH	LL 3/15
1574	1-F115Z01	BR 3/15	1599	1-F251Z11	DM 3/15
1575 SOIL	1-F115Z01	BR 3/15	1600 NOT USED	~~1-F251Z12~~	~~DM 3/15~~

UNITS	COMPLETED	FFA's. 4/5
4476		
4445		6
4414		
4413		
		4/8
4416		262
4437		
4406		
2029		
4385		
4436		
4404		
4405		
4435		

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIAL	BAG #	AREA, UNIT LEVEL, FEA	DATE INITIAL
1601 SOIL	1-F251Z12	DM 3/15	1626	1-F254Z11	DM 3/18
1602	1-F62Z03	BH 3/15	1627 SOIL	1-F254Z11	DM 3/18
1603	1-K1001 ~~A20~~ B50 1-F200Z20	BH 3/15	1628	1-F254Z12	DM 3/18
1604	1-F87Z03	BR 3/15	1629 SOIL	1-F254Z12	DM 3/18
1605 SOIL	1-F162B11	ER 3/15	1630	1-793 1R	MR 3/18
1606	1-F162B12	ER 3/15	1631	~~1-F176E11~~ 262Z11	~~MR~~ BR 3/18
1607	1-F251Z13	DM 3/15	1632 SOIL	~~1-F176E11~~ 262Z11	~~MR~~ BR 3/18
1608 NOT USED	~~1-F251Z14~~	~~DM 3/15~~	1633	1-F58A11	DM 3/18
1609 SOIL	1-F251Z14	DM 3/15	1634 VOID	~~1-F58A12~~	~~DM 3/18~~
1610	1-F172Z14	LL 3/18	1635 SOIL	1-F58A12	DM 3/18
1611 SOIL	1-F172Z14	LL 3/18	1636	1-F58A13	DM 3/18
1612	1-F172Z15	LL 3/18	1637 VOID	~~1-F58A14~~	~~DM 3/18~~
1613 SOIL	1-F172Z15	LL 3/18	1638 SOIL	1-F58A14	DM 3/18
1614	1-F172Z16	LL 3/18	1639	1-F253Z06	ER 3/18
1615 [redacted]	1-F40Z11	DM 3/18	1640	1-F253Z08	ER 3/18
1616 SOIL	1-F40Z11	DM 3/18	1641 SOIL	1-F253Z08	ER 3/18
1617	1-F106D11	DM 3/18	1642	1-F138A11	ER 3/18
1618	1-753 1P	MR 3/18	1643 SOIL	1-F138A11	ER 3/18
1619 SOIL	1-753 1P	MR 3/18	1644	1-F29Z11	DM 3/18
1620	1-756 1N	MR 3/18	1645	~~1-F29Z12~~	~~DM 3/18~~
1621	1-F161D11	ER 3/18	1646 SOIL	1-F29Z12	DM 3/18
1622 SOIL	1-F161D11	ER 3/18	1647	1-F14Z02	CN 3/18
1623	1-F161D12	ER 3/18	1648 SOIL	1-F14Z02	CN 3/18
1624 SOIL	1-F161D12	ER 3/18	1649	1-F14Z01	CN 3/18
1625	1-F122Z12	DM 3/18	1650 SOIL	1-F14Z01	CN 3/18

- void - not dug

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIAL	BAG #	AREA, UNIT LEVEL, FEA	DATE INITIAL
1651 SOIL	1-F249A11	ER 3/18	NON-FEA 1676	1-138ZA 1-~~F41Z03~~	BR 3/18
1652 SOIL	1-F249B11	ER 3/18	1677	1-F8Z04	BR 3/18
1653	1-F249A12	ER 3/18	1678 SOIL	1-F8Z04	BR 3/18
1654	1-F249B12	ER 3/18	1679	1-F7A01	BR 3/18
1655	1-756-1P	MR 3/18	1680 SOIL	1-F7A10	BR 3/18
1656	1-755-1P	MR 3/18	1681	1-K1001AZ310 919 1-~~2~~-1Y	BH 3/19
1657 SOIL	1-755-1P	MR 3/18	1682	1-794-1P	MR 3/19
1658	1-711-1P	MR 3/18	1683	1-712-1P	MR 3/19
1659	1-752-1R	MR 3/18	1684	1-F255A02	BR 3/19
CHUNK 1660	1-K1001AZ130 1-638-1Y	BH 3/18	1685 SOIL	1-F255A02	BR 3/19
CHUNK 1661	1-K1001AZZ20 973 1-~~1~~-1Y	BH 3/18	1686	1-F105B09	ER 3/19
1662	1-F253Z07	ER 3/18	1687	1-F105A09	ER 3/19
1663	1-F253Z05	ER 3/18	1688	1-F178D11	ER 3/19
1664 SOIL	1-F253Z05	ER 3/18	1689 SOIL	1-F178D11	ER 3/19
1665	1-F106D13	DM 3/18	1690 SOIL	1-F105B10	ER 3/19
1666 SOIL	1-F106D13	DM 3/18	1691	1-F105A10	ER 3/19
1667	1-F106D14	DM 3/18	1692 SOIL	1-F105A10	ER 3/19
1668 SOIL	1-F106D14	DM 3/18	1693	1-713-1P	MR 3/19
1669	1-F106D15	DM 3/18	1694	1-F31Z04	BR 3/19
1670 SOIL	1-F106D15	DM 3/18	1695	1-F197Z03	BH 3/19
1671	1-F106D16	DM 3/18	1696 SOIL	1-F197Z03	BH 3/19
1672 SOIL	1-F106D16	DM 3/18	1697	1-F197Z04	BH 3/19
1673	1-F252Z03	BH 3/18	1698	1-754-1P	MR 3/19
1674	1-F252Z04	BH 3/18	1699	1-F8Z03	BR 3/19
1675	1-F31Z03	BR 3/18	1700	1-F43Z11	DM 3/19

- NOT A FER. IN 2A LEVEL

F249 B12 should it be A12 or B12?? #1654

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIAL	BAG #	AREA, UNIT LEVEL, FEA.	DATE INITIAL
1701 SOIL	1-F43Z11	DM 3/19	1726		
1702	1-F138A10	ER 3/19	1727		
1703 SOIL	1-F138A10	ER 3/19	1728		
1704	1-F138B10	ER 3/19	1729		
1705 SOIL	1-F138B10	ER 3/19	1730		
1706	~~1-F77Z11~~	~~DM~~ 3/19	1731	VOID NO FEA.	
1707 ~~SOIL~~	~~1-F77Z11~~	~~DM~~ 3/19	1732		
1708	1-795-1P	MR 3/19	1733		
1709	1-F256Z03	ER 3/19	1734		
1710 SOIL	1-F256Z03	ER 3/19	1735		
1711	1-F256Z11	ER 3/19	1736		
1712	1-F232~~Z01~~ A09	BR 3/19	1737	" ↑	" ↑
1713 SOIL	1-F232~~Z01~~ A09	BR 3/19	1738	-changed to A09 from	
1714	1-F108Z03	BR 3/19	1739		
1715 SOIL	1-F108Z03	BR 3/19	1740		
1716	1-F177D11	ER 3/19	1741		
1717 SOIL	1-F177D11	ER 3/19	1742		
1718	1-F233Z02	MR 3/19	1743		
1719 SOIL	1-F233Z02	MR 3/19	1744		
1720	1-F29Z13	DM 3/19	1745		
1721	~~1-F29Z14~~	~~DM~~ 3/19	1746		
1722 SOIL	1-F29Z14	DM 3/19	1747		
1723	1-F111Z04 A	BR 3/19	1748		
1724 SOIL	1-F111Z04 A	BR 3/19	1749		
1725	1-F30Z11	DM 3/19	1750		

Z01

Bag #	area/unit level fea	Date initials	Comments		
1726	1-F30Z12	DM 3/19			
1727 SOIL	1-F30Z12	DM 3/19			
1728	1-F199Z03	BH 3/19			
1729 SOIL	1-F199Z03	BH 3/19			
1730	1-F199Z04	BH 3/19			
1731	1-F204A03	BH 3/19			
1732 SOIL	1-F204A03	BH 3/19			
1733	1-F204Z04	BH 3/19	- dug as an unknown	in profile discovered	
1734	1-F92Z11	DM 3/20			
1735 SOIL	1-F92Z11	DM 3/20			
1736	C 1-671-1P	MR 3/20			
1737 SOIL	C 1-671-1P	MR 3/20			
1738	1-672-1P	MR 3/20			
1739	1-F32Z11	DM 3/20			
1740 SOIL	1-F32Z11	DM 3/20			
1741	1-F232A01	BR 3/20			
1742 SOIL	1-F232A01	BR 3/20			
1743	1-F111 A Z03	BR 3/20			
1744	1-F256Z04	ER 3/20			
1745 SOIL	1-F179Z11	ER 3/20			
1746	1-F179Z11	ER 3/20			
1747	1-F181Z03	ER 3/20			
1748 SOIL	1-F181Z03	ER 3/20			
1749	1-F166D20	ER 3/20			
1750 SOIL	1-F166D20	ER 3/20			

post hole & mold
left as Z to explain. Turned over to
A.A.B.

Bag #	AREA, UNIT LEVEL, FEA.	DATE INITIALS	COMMENTS		
1751	1-F111 Z11 A	BR 3/20			
1752 SOIL	1-F111 Z11 A	BR 3/20			
1753	1-F108 Z04	BR 3/20			
1754	1-F119Z11	DM 3/20			
1755 SOIL	1-F119Z11	DM 3/20			
1756	1-98-2A	BR 3/20			
1757	1-F258Z11	DM 3/20			
1758 SOIL	1-F258Z11	DM 3/20			
1759	1-F177D12	ER 3/20			
1760 SOIL	1-F177D12	ER 3/20			
1761	2-2015-1A	DM 3/20			
1762 SOIL	2-2015-1A	DM 3/20			
1763	1-714-1N	MR 3/20			
1764	1-673-1N C	MR 3/20			
1765 SOIL	1-673-1N C	MR 3/20			
1766	1-F7A10	BR 3/20			
1767	1-F92Z13	DM 3/20			
1768 SOIL	1-F92Z13	DM 3/20			
1769	1-754-2B C	MR 3/21			
1770	2-2015-2A	DM 3/21			
1771 SOIL	2-2015-2A	DM 3/21			
1772	1-F181Z04	ER 3/21			
1773	1-F166D21	ER 3/21			
1774 SOIL	1-F166D21	ER 3/21			
1775	1-F177D13	ER 3/21			

BAG#	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS		
1776 SOIL	1-F177D13	ER 3/21			
1777	1-F204B03	BH 3/21			
1778 SOIL	1-F204B07	BH 3/21			
1779	1-F179A03	ER 3/21			
1780	1-F179A04	ER 3/21			
1781 SOIL	1-F179A04	ER 3/21			
1782 SOIL	1-F110Z11	BR 3/21			
1783	C 1-755-2B	MR 3/21			
1784 SOIL	C 1-755-2B	MR 3/21			
1785	1-714-1P	MR 3/21			
1786	C 1-673-1P	MR 3/21			
1787 SOIL	C 1-673-1P	MR 3/21			
1788	1-F233Z01	MR 3/21			
1789	1-F65Z03	BR 3/21			
1790 SOIL	1-F65Z07	BR 3/21			
1791	1-F166D19	ER 3/21			
1792 SOIL	1-F166D19	ER 3/21			
1793	1-F111 A Z12	BR 3/21			
1794 SOIL	1-F111 A Z12	BR 3/21			
1795	1-F65Z04	BR 3/21			
1796	1-F46A13	DM 3/21			
1797	1-F46A01	DM 3/21			
1798 SOIL	1-F46A01	DM 3/21			
1799	2-2015-3A	DM 3/21			
1800 SOIL	2-2015-3A	DM 3/21			

BAG #	AREA, UNIT LEVEL, FEA.	DATE INITIALS	COMMENTS
1801	1-F185Z11	BH 3/21	ALL OF FEA. REMOVED AT ONCE, CUT BY FEA. 200
1802	1-F232A10	BR 3/21	
1803 SOIL	1-F232A10	BR 3/21	
1804 SOIL	1-F185Z11	BH 3/21	
1805	1-K1002001 1-F176E11	BR 3/21	-WELL Changed from F to K #.
1806	1-K1002002 1-F176E12	BR 3/21	FROM WELL-WALL CLEANING
1807	1-F258Z12	DM 3/21	
1808	1-K1002003 1-F176E13	BR 3/22	} west edge + wall of well
1809 SOIL	1-K1002003 1-F176E13	BR 3/22	
1810	1-F232A02	BR 3/22	
1811 SOIL	1-F232A02	BR 3/22	
1812	1-F194Z11	DM 3/22	
1813	1-F194Z12	DM 3/22	
1814 SOIL	1-F194Z12	DM 3/22	
1815	~~1-F179A04~~	~~ER 3/22~~	SAME AS 1780
1816 ~~SOIL~~	~~1-F179A04~~	~~ER 3/22~~	SAME AS 1781
1817	5-5010-1A	ER 3/22	
1818 SOIL	5-5010-1A	ER 3/22	
1819	5-5012-1A	ER 3/22	
1820 SOIL	5-5012-1A	ER 3/22	
1821	2-2014-1A	DM 3/22	
1822 ~~SOIL~~	~~2-2014-1A~~	~~DM 3/22~~	-NOT NEEDED
1823	1-F250P02	MR 3/22	
1824 SOIL	1-F250P02	MR 3/22	
1825	1-F250P01	MR 3/22	

BAG#	AREA, UNIT LEVEL, FEA.	DATE INITIALS	COMMENTS		
1826	1-F205 Z12	MR 3/22			
1827	1-F205 Z11	MR 3/22			
1828 SOIL	1-F205 Z11	MR 3/22			
1829	1-F7 A02	BR 3/22			
1830 SOIL	1-F7A02	BR 3/22			
1831	1-F111 ~~Z12~~ A13	BR 3/22	-change from Z12		
1832	5-5010-18	ER 3/22			
1833	5-5010-1M	ER 3/22			
1834	1-F48Z02	DM 3/25			
1835	1-F260Z11	DM 3/25			
1836 SOIL	1-F260Z11	DM 3/25			
1837	1-K1002004 1-F176E14	BR 3/25			
1838 SOIL	1-K1002004 1-F176E14	BR 3/25			
1839	1-F111 ~~Z~~ A14	BR 3/25	change all Z's to A. in 111.		
1840 SOIL	1-F111A14	BR 3/25			
1841	2-2014-2A	DM 3/25			
1842	2-2014-3A	DM 3/25			
1843	2-2013-1A	DM 3/25			
1844	2-2013-2A	DM 3/25			
1845	2-2013-3A	DM 3/25			
1846	2-2012-1A	DM 3/25			
1847	2-2012-2A	DM 3/25			
1848	2-2012-3A	DM 3/25			
1849	5-5010-1N	ER 3/25			
1850 SOIL	5-5010-1N	ER 3/25			

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS
1851	5-5010 1P	ER 3/25	
1852 SOIL	5-5010-1P	ER 3/25	
1853	1-K1002005 1-F176E16	BR 3/25	
1854 SOIL	1-K1002005 1-F176E15	BR 3/25	
1855	2-2024-1A	DM 3/25	
1856	2-2025-1A	DM 3/25	
1857 SOIL	2-2025 1A	DM 3/25	
1858	2-2025-1M	DM 3/25	POSS. 2A, ON SLOPE WILL CHECK
1859	5-5012-~~1M~~ IN	ER 3/25	changed from 1M
1860 SOIL	5-5012-~~1M~~ IN	ER 3/25	" " "
1861	2-2024-1M	DM 3/25	
1862 SOIL	2-2025 1M	DM 3/25	
1863	2-2025-~~2A~~ IN	DM 3/25	changed from 3A
1864 SOIL	2-2025-~~3A~~ IN	DM 3/25	" " "
1865	1-985-1A	BH 3/25	changed to new designation
1866	2-2051-1A	BH 3/25	
1867	1-F111-A15	BR 3/25	
1868 SOIL	1-F111-A15	BR 3/25	
1869	1-K1002006 1-F176E16	BR 3/26	
1870 SOIL	1-K1002006 1-F176E16	BR 3/26	
1871	1-K1002007 1-F176E17	BR 3/26	
1872 SOIL	1-K1002007 1-F176E17	BR 3/26	
1873	1-K1002008 1-F176E18	BR 3/26	
1874 SOIL	1-K1002008 1-F176E18	BR 3/26	
1875	4-TRENCH 3 BACK FILL	LL 3/26	

5/3

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS
1876	5-5002-1A	ER 3/26	
1877 SOIL	5-5002-1A	ER 3/26	
1878	5-5011-1A	ER 3/26	
1879 SOIL	5-5011-1A	ER 3/26	
1880	4B-4114-1A	LL 3/26	REMOVED AS NATURAL LEVEL
1881 SOIL	4B-4114-1A	LL 3/26	
1882	1-F111-A16	BR 3/26	
1883 SOIL	1-F111-A16	BR 3/26	
1884	2-2024-1N	DM 3/26	
1885	~~2-2025-3A~~	DM 3/26	subsoil, not digging
1886	~~2-2024-3A~~	DM 3/26	" " "
1887	4B-4144-1A	LL 3/26	
1888 SOIL	4B-4144-1A	LL 3/26	
1889	4B-4112-1A	LL 3/26	
1890 SOIL	4B-4112-1A	LL 3/26	
1891	1-F259-C11	ER 3/26	
1892 SOIL	1-F259-C11	ER 3/26	
1893	2-2020-1A	DM 3/26	
1894	2-2021-1A	DM 3/26	
1895	2-2022-1A	DM 3/26	
1896	2-2023-1A	DM 3/26	
1897 SOIL	2-2023-1A	DM 3/26	
1898	4B-4119-1A	LL 3/26	
1899 SOIL	4B-4119-1A	LL 3/26	
1900	4B-4144-3M	LL 3/26	

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS		
1901 SOIL	4B-4144-3M	LL 3/26			
1902	5-5011-1M	ER 3/26			
1903 SOIL	5-5011-1M	ER 3/26			
1904	5-5011-1N	ER 3/26			
1905 SOIL	5-5011-1N	ER 3/26			
1906	2-2023-1M	DM 3/26			
1907 SOIL	2-2023-1M	DM 3/26			
1908	2-2051-1B	BH 3/26			
1909	2-2051-1C	BH 3/26			
1910	5-5002-1N	ER 3/26			
1911 SOIL	5-5002-1N	ER 3/26			
1912	4B-4115-1A	LL 3/26			
1913 SOIL	4B-4115-1A	LL 3/26			
1914	4B-4145-1A	LL 3/26			
1915	4B-4150-1A	LL 3/26			
1916	4B-4113-1A	LL 3/26			
1917 SOIL	4B-4113-1A	LL 3/26			
1918	5-5013-1A	ER 3/27			
1919 SOIL	5-5013-1A	ER 3/27			
1920	5-5001-1A	ER 3/27			
1921 SOIL	5-5001-1A	ER 3/27			
1922	2-2023-1N	DM 3/27			
1923 SOIL	2-2023-1N	DM 3/27			
1924	1-K1002009 1-F176E19	BR 3/27			
1925 SOIL	1-K1002009 1-F176E19	BR 3/27			

BAG#	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS		
1926	2-2020-1M	DM 3/27			
1927	2-2020-1N	DM 3/27			
1928	4B-4173-1A	LL 3/27			
1929 SOIL	4B-4173-1A	LL 3/27			
1930	1-K1002010 1-F176E20	BR 3/27			
1931 SOIL	1-K1002010 1-F176E20	BR 3/27			
1932	4B-4146-1A	LL 3/27			
1933	2-2050-1A	BH 3/27			
1934 SOIL	2-2050-1A	BH 3/27			
1935	2-2041-1A	BH 3/27			
1936 SOIL	2-2041-1A	BH 3/27			
1937	5-5013-1N	ER 3/27			
1938 SOIL	5-5013-1N	ER 3/27			
1939	1-K1002011 1-F176E21	BR 3/27			
1940 SOIL	1-K1002011 1-F176E21	BR 3/27			
1941	4B-4146-1A	LL 3/27			
1942	2-2021-1M	DM 3/27			
1943	2-2021-1N	DM 3/27			
1944	2-2022-1M	DM 3/27			
1945	2-2022-1N	DM 3/27			
1946	2-2050-1B	BH 3/27			
1947 SOIL	2-2050-1B	BH 3/27			
1948	2-2041-1B	BH 3/27			
1949 SOIL	2-2041-1B	BH 3/27			
1950	2-2041-2A	BH 3/27			

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS		
1951 SOIL	2-2041-2A	BH 3/27			
1952	5-5001-1M	ER 3/27			
1953 SOIL	5-5001-1M	ER 3/27			
1954	5-5001-1N	ER 3/27			
1955 SOIL	5-5001-1N	ER 3/27			
1956	5-5009-1A	ER 3/27			
1957 SOIL	5-5009-1A	ER 3/27			
1958	5-5013-1R	ER 3/27			
1959 SOIL	5-5013-1R	ER 3/27			
1960	1-K1002012 1-F176E22	BR 3/27			
1961 SOIL	1-K1002012 1-F176E22	BR 3/27			
1962	4B - TRENCH 5 BACKFILL	LL 3/27			
1963	1-K1002013 1-F176E23	BR 3/27			
1964 SOIL	1-K1002013 1-F176E23	BR 3/27			
1965	4B-4175-1A	LL 3/28			
1966 SOIL	4B-4175-1A	LL 3/24			
1967	4B-4111-1A	LL 3/24			
1968 SOIL	4B 4111-1A	LL 3/24			
1969	4B 4117-1A	LL 3/24			
1970 SOIL	4B-4117-1A	LL 3/28			
1971	1-K1002014 1-F176E24	BR 3/28			
1972 SOIL	1-K1002014 1-F176E24	BR 3/28			
1973	1-K1002015 1-F176E25	BR 3/28			
1974 SOIL	1-K1002015 1-F176E25	BR 3/28			
1975	2-2040-1A	CN 3/28			

Esther + Loretta's dirt should be water screened. Area 6 will be also.

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS
1976	2-2038-1A	CN 3/28	
1977	2-2039-1A	CN 3/26	
1978	4B-4085-1A	LL 3/28	
1979 SOIL	4B-4085-1A	LL 3/28	
1980	5-5009-1P	ER 3/28	
1981 SOIL	5-5009-1P	ER 3/28	
1982	5-5013-1P	ER 3/28	
1983 SOIL	5-5013-1P	ER 3/28	
1984	2-2008-1A	DM 3/28	
1985	2-2009-1A	DM 3/28	
1986	2-2010-1A	DM 3/28	
1987	2-2011-1A	DM 3/28	
1988 SOIL	2-2011-1A	DM 3/28	
1989	4B-4147-1A	LL 3/26	
1990	4B-4148-1A	LL 3/28	
1991	2-2008-1M	DM 3/28	
1992	2-2009-1M	DM 3/28	
1993	2-2010-1M	DM 3/28	
1994	2-2011-1M	DM 3/28	
1995 SOIL	2-2011-1M	DM 3/28	
1996	5-F5001Z11	ER 3/28	
1997 SOIL	5-F5001Z11	ER 3/28	
1998	1-K1002016 1-F176E26	BR 3/28	
1999 SOIL	1-K1002016 1-F176E26	BR 3/28	
2000	2-2034-1B	CN 3/28	

BAG#	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS
2001	2-2038-1B	CN 3/28	
2002	2-2038-2A	CN 3/28	
2003	1-715-1N	MR 3/28	
2004	4B-4174-1A	LL 3/28	
2005	1-K1002017 1-F176E27	BR 3/28	
2006 SOIL	1-K1002017 1-F176E27	BR 3/28	
2007	2-2011-1N	DM 3/28	
2008 SOIL	2-2011-1N	DM 3/28	
2009	2-2009-1N	DM 3/28	
2010	2-2010-1N	DM 3/28	
2011	2-2008-1N	DM 3/28	
2012	2-2000Z01	CN 3/28	
2013 SOIL	2-F2000Z01	CN 3/28	
2014	2-F2000Z02	CN 3/28	
2015 SOIL	2-F2000Z02	CN 3/28	
~~2016~~	~~1-714-1P~~	~~MR 3/28~~	bag is no more. to 1785.
2017	1-715-1N	MR 3/28	
2018	2-2011-1P	DM 3/289	
2019 SOIL	2-2011-1P	DM 3/289	
2020	2-2008-1P	DM 3/289	
2021	4B-4086-1A	LL 3/29	
2022	2-2040-1B	CN 3/29	
2023	2-2039-2A	CN 3/29	
2024	5-F5000-Z11	ER 3/29	5215/5274.
2025 SOIL	5-F5000Z11	ER 3/29	

BAG#	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS		
2026	4B-4116-3M	LL 3/29			
2027	1-F262Z12	BR 3/29			
2028 SOIL	1-F262Z12	BR 3/29			
2029	5-5003-1A	ER 3/29			
2030 SOIL	5-5003-1A	ER 3/29			
2031	2-2040-2A	CN 3/29			
2032	5-5012-1P	ER 3/29			
2033 SOIL	5-5012-1P	ER 3/29			
2034	5-5002-1P	ER 3/29			
2035 SOIL	5-5002-1P	ER 3/29			
2036	5-5002-1S	ER 3/29			
2037 SOIL	5-5002-1S	ER 3/29			
2038	5-5003-1N	ER 3/29			
2039 SOIL	5-5003-1N	ER 3/29			
2040	1-F263-Z11	MR 3/29			
2041 SOIL	1-F263Z11	MR 3/29			
2042	4B-4083-1A	LL 3/29			
2043	4B-4081-1A	LL 3/29			
2044	4B-4172-1A	LL 3/29			
2045	4B-4176-1A	LL 3/29			
2046	4B-4084-1A	LL 3/29			
2047	2-2019-1A	CN 3/29			
2048	2-2018-1A	CN 3/29			
2049	1-F262-Z13	BR 3/29			
2050 SOIL	1-F262Z13	BR 3/29			

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS		
2051	4B-4151-1A	LL 3/29			
2052	4B-4116-3N	LL 3/29			
2053 SOIL	2-2019-1A	CN 3/29			
2054	2-2019-2A	CN 3/29			
2055 SOIL	2-2019-2A	CN 3/29			
2056	2-2018-2A	CN 3/29			
2057	2-2016-1A	CN 4/1			
2058	2-2017-1A	CN 4/1			
2059	2-2016-2A	CN 4/1			
2060	2-2017-2A	CN 4/1			
2061	1-K1002018 1-F176E28	BR 4/1			
2062 SOIL	1-K1002018 1-F176E28	BR 4/1			
2063	1-K1002019 1-F176E29	BR 4/1			
2064 SOIL	1-K1002019 1-F176E29	BR 4/1			
2065 ~~2065~~	2-2009-1P	DM 4/1			
2066	2-2010-1P	DM 4/1			
2067	5-F5000Z24	MA 4/1	F505000204	Mixed w/	F505000211 2024
2068 ~~2068~~ SOIL	5-F5000Z24	MA 4/1			
2069	5-5003-1R	MA 4/1			
2070 SOIL	5-5003-1R	MA 4/1			
2071	1-F262-Z14	BR 4/1			
2072	2-2016-1B	CN 4/1			
2073	2-2045-1A	CN 4/1			
2074 SOIL	2-2045-1A	CN 4/1			
2075	2-2044-1A	CN 4/1			

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS
2076	2-2043-1A	CN 4/1	
2077	2-2042-1A	CN 4/1	
2078	4A-4416-1Y	LL 4/1	
2079	4A-4385-1Y	LL 4/1	
2080	4A-4448-1Y	LL 4/1	
2081	4A-4445-1Y	LL 4/1	
2082	4A-4413-1Y	LL 4/1	
2083	4A-4411-1Y	LL 4/1	
2084	5-5003-1P	MA 4/1	
2085 SOIL	5-5003-1P	MA 4/1	
2086	4B-4205-1A	MR 4/1	
2087	4B-4204-1A	MR 4/1	
2088	2-2045-1B	CN 4/1	
2089 SOIL	2-2045 1B	CN 4/1	
2090	2-2044-1B	CN 4/1	
2091	2-2043-1B	CN 4/1	
2092	2-2042-1B	CN 4/1	
2093	4B-4203-1A	MR 4/1	
2094	2-2045 2A	CN 4/1	
2095	4A-4447-1Y	LL 4/1	
2096	4A-4414-1Y	LL 4/1	
2097	2-2004-1A	DM 4/1	
2098	2-2005-1A	DM 4/1	
2099	2-2006-1A	DM 4/1	
2100	2-2007-1A	DM 4/1	

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS
2101 SOIL	2-2007-1A	DM 4/1	
2102	5-5014-1A	MA 4/1	
2103 SOIL	5-5014-1A	MA 4/1	
2104	5-5011-1P	MA 4/1	
2105 SOIL	5-5011-1P	MA 4/1	
2106	5-5001-1P	MA 4/1	
2107 SOIL	5-5001-1P	MA 4/1	
2108 SOIL	2-2045-2A	CN 4/1	
2109	2-2044-2A	CN 4/1	
2110	2-2043-2A	CN 4/1	
2111	2-2042-2A	CN 4/1	
2112	1-F262-Z15	BR 4/1	
2113	1-K1001 F#209 1-980-1Y	BR 4/1	
2114	4A-4476-1Y	LL 4/1	
2115	4A-4447-4A	LL 4/1	
2116	4A-4416-4A	LL 4/1	
2117	2-2007-2A	DM 4/2	
2118 SOIL	2-2007-2A	DM 4/2	
2119	2-2006-2A	DM 4/2	
2120	2-2005-2A	DM 4/2	
2121	2-2004-2A	DM 4/2	
2122	4A-4414-4A	LL 4/2	
2123	4A-4413-4A	LL 4/2	
2124	1-K1001 F#11 1-978-1Y	BR 4/2	
2125	4A-4448-4A	LL 4/2	

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS
2126	2-2046-1A	CN 4/2	
2127	2-2047-1A	CN 4/2	
2128	2-2048-1A	CN 4/2	
2129	2-2049-1A	CN 4/2	
2130	2-2042-2B	CN 4/2	
2131	4B-4206-1A	MR 4/2	
2132	1-K1001A08 1-981-1Y	~~BR~~ BH 4/2	
2133	1-K1001FM12 1-977-1Y	~~BR~~ BH 4/2	
2134	5-5000-1A	MA 4/2	
2135 SOIL	5-5000-1A	MA 4/2	
2136	5-5014-1N	MA 4/2	
2137 SOIL	5-5014-1N	MA 4/2	
2138	~~2-2007-3A~~	DM 4/2	DIDN'T USE
~~2139 SOIL~~	~~2-2007-3A~~	DM 4/2	" "
2140	2-2006-2M	DM 4/2	
2141	2-2005-2M	DM 4/2	
2142	~~2-2004-3A~~	DM 4/2	DIDN'T USE
2143	4A-4447-4B	LL 4/2	
2144	4A-4448-4B	LL 4/2	
2145	4A-4413-4B	LL 4/2	
2146	4A-4414-4B	LL 4/2	
2147	4A-4411-4A	LL 4/2	
2148 SOIL	4A-4413-4B	LL 4/2	
2149	5-5000-1N	MA 4/2	
2150 SOIL	2-2049-1A	CN 4/2	

★NOTE

AREA 2: CHUCK + BILL - 1A = David's 1A

1B = David's 2A

2A = David's 3A.

Lenses: 1M + 1N + 1P

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS		
2151	1-K1002020 1-F176E30	BR 4/2			
2152 SOIL	1-K1002020 1-F176E30	BR 4/2			
2153	1-K1002021 1-F176E31	BR 4/2	POSS. END TO "WELL". POSS. A		
2154 SOIL	1-K1002021 1-F176E31	BR 4/2	CISTERN		
2155	4A-4385-4A	LL 4/2			
2156	2-2049-1B	CN 4/2			
2157 SOIL	2-2049-1B	CN 4/2			
2158	2-2048-1~~B~~ M	CN 4/2			
2159	2-2047-~~1B~~ 2A	CN 4/2			
2160	2-2046-1B	CN 4/2			
2161	2-2005-2N	DM 4/2			
2162	2-2006-2N	DM 4/2			
2163	4B-4207-1A	MR 4/2			
2164	~~1-K1001A32 08 1-F200-Z21~~	~~BH 4/2~~	repeated of # 2132		
2165	2-2005-2P	DM 4/2			
2166	2-F2001Z11	DM 4/2			
2167	2-F2001Z12	DM 4/2			
2168 SOIL	2-F2001Z12	DM 4/2			
2169	2-2006-2P	DM 4/2			
2170	1-K1001F15 13 1-C976-1Y	BR 4/2			
2171	5-F5004Z11	MA 4/2	cobble feature		
2172 SOIL	5-F5004Z11	MA 4/2	"	"	
2173	5-5000-1P	MA 4/2			
2174 SOIL	5-5000-1P	MA 4/2			
2175	4A-4416-4B	LL 4/2			

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS		
2176	4A-4385-4B	LL 4/2			
2177	4A-4448-5A	LL 4/2			
2178	4A-4447-5A	LL 4/2			
2179	4B-4145-3M	MR 4/2			
2180	4B-4172-3M	MR 4/2			
2181	2-2049-1N	CN 4/3			
2182	2-2049-1M	CN 4/3			
2183 SOIL	2-2049-1M	CN 4/3			
2184	2-2046-2A	CN 4/3			
2185	4A-4445-4A	LL 4/3			
2186	4A-4380-1Y	LL 4/3			
2187	4A-4414-5A	LL 4/3			
2188	4A-4413-5A	LL 4/3			
2189	5-F5000 Z11	MA 4/3			
2190 SOIL	5-F5000 Z11	MA 4/3			
2191	5-5004 1A	MA 4/3			
2192 SOIL	4A-4413-5A	LL 4/3			
2193	4A 4448-5B	LL 4/3			
2194	4A-4447-5B	LL 4/3			
2195	2-2048-1N	CN 4/3			
2196	4A-4476-4A	LL 4/3			
2197	4A-4412-1Y	LL 4/3			
2198	4A-4416-5A	LL 4/3			
2199	4A-4385-5A	LL 4/3			
2200	4A-4414-5B	LL 4/3			

BAG #	AREA UNIT LEVEL, FEA	DATE INITIALS	COMMENTS		
2201	4A, 4413-5B	LL 4/3			
2202 SOIL	4A 4413 5B	LL 4/3			
2203 SOIL	5-5004-1A	MA 4/3			
2204	5-5004-1N	MA 4/3			
2205 SOIL	5-5004-1N	MA 4/3			
2206	2-2004-2M	DM 4/3			
2207	2-2004-2N	DM 4/3			
2208	2-2007-2M	DM 4/3			
2209 SOIL	2-2007-2M	DM 4/3			
2210	2-2007-2N	DM 4/3			
2211 SOIL	2-2007-2N	DM 4/3			
2212	1-K1001 F#14 1-1007-1Y	BH 4/3			
2213	1-K1001 F#15 1-1006-1Y	BH 4/3			
2214	1-K1001 F#16 1-1005-1Y	BH 4/3			
2215	2-2049-2A	CN 4/3			
2216	2-2049-2A	CN 4/3			
2217 SOIL	2-2049-1N	CN 4/3			
2218	4A 4445-4B	LL 4/3			
2219	4A-4476-4B	LL 4/3	MISTAKENLY PUT ON SUMMARY AS 2119		
2220	1-K1002022 1-F176E32	BR 4/3			
2221 SOIL	1-K1002022 1-F176E32	BR 4/3			
2222	4A-4404 1Y	LL 4/4			
2223	4A, 4405 1Y	LL 4/4			
2224	4A 44[illegible] 1Y	LL 4/4			
2225	4A 4437 1Y	LL 4/4			

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS		
2226	4A 4406 1Y	LL 4/4			
2227	4A 4407 1Y	LL 4/4			
2228	4A 4408 1Y	LL 4/4			
2229	4A-4445 5B	LL 4/4			
2230	1-K1001 F1917 1-1004 1Y	BA 4/4			
2231	2-2048-2A	CN 4/4			
2232	4A-4445-5A	LL 4/4			
2233	4A-4476 5A	LL 4/4			
2234	1-K1002023 1-176E 33	BR 4/4			
2235 SOIL	1-K1002023 1-176E 33	BR 4/4			
2236	1-K1001F 2027 1-997-1Y	BH 4/4			
2237	1-K1001F 2026 1-998-1Y	BH 4/4			
2238	2-2026-1A	CN 4/4			
2239	2-2027-1A	CN 4/4			
2240	2-2028-1A	CN 4/4			
2241	2-2029-1A	CN 4/4			
2242 SOIL	2-2029-1A	CN 4/4			
2243	4A-4446-5B	LL 4/4			
2244	4A-4404-4A	LL 4/4			
2245	4A 4405-4A	LL 4/4			
2246	4A 4406 4A	LL 4/4			
2247	4A 4407-4A	LL 4/4			
2248	4A 4408-4A	LL 4/4			
2249	4A 4436-4A	LL 4/4			
2250	4A 4437-4A	LL 4/4			

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS		
2251	4A-4435-14	LL 4/4			
2252	4A-4435-4A	LL 4/4			
2253	5-F5000 Z12	MA 4/4			
2254 SOIL	5-F5000Z12	MA 4/4			
2255	~~5-F5000Z13~~	~~MA 4/4~~	VOID - REPEATS		
2256 ~~SOIL~~	~~5-F5000Z13~~	~~MA 4/4~~	"	"	
2257	C4A 4438-14	LL 4/5			
2258	4A-4438-4A	LL 4/5			
2259 SOIL	4A-4405-4A	LL 4/5			
2260 SOIL	4A 4407-4A	LL 4/5			
2261 ~~SOIL~~	~~4A 4409 4A~~	~~LL 4/5~~	not used.		
2262	5-F5000Z12	MA 4/5			
2263 SOIL	5 F5000Z12	MA 4/5			
2264	5-F5000Z13	MA 4/5			
2265 SOIL	5-F5000Z13	MA 4/5			
2266	5-F5000Z14	MA 4/5			
2267 SOIL	5-F5000Z14	MA 4/5			
2268	2-2026-1B	CN 4/5			
2269	2-2029-1B	CN 4/5			
2270 SOIL	2-2029-1B	CN 4/5			
2271	2-2000-1A	DM 4/5			
2272	2-2001-1A	DM 4/5			
2273	2-2002-1A	DM 4/5			
2274	2-2003-1A	DM 4/5			
2275 SOIL	2-2003-1A	DM 4/5			

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS		
2276	2-2037-1A	BR 4/5			
2277 SOIL	2-2037-1A	BR 4/5			
2278	2-2034-1A	BR 4/5			
2279	2-2032-1A	BR 4/5			
2280 SOIL	2-2032-1A	BR 4/5			
2281	4A-4416-5B	LL 4/5			
2282	4A-4385-5B	LL 4/5			
2283	2-2032-2A	BR 4/5			
2284	2-2034-2A	BR 4/5			
2285 SOIL	2-2037-2A	BR 4/5			
2286	2-2000-2A	DM 4/5			
2287	2-2001-2A	DM 4/5			
2288	2-2002-2A	DM 4/5			
2289	2-2003-2A	DM 4/5			
2290 SOIL	2-2003-2A	DM 4/5			
2291	2-2029-1C	CN 4/5			
2292 SOIL	2-2029-1C	CN 4/5			
2293	1-F1001-G~~22~~ 30	BH 4/5			
2294	2-2003-2M	DM 4/5			
2295 SOIL	2-2003-2M	DM 4/5			
2296	~~2-2003-2N~~	DM ~~4/5~~	Layer didn't exist		
2297 ~~SOIL~~	~~2-2003-2N~~	DM ~~4/5~~	"	"	
2298 SOIL	F 1-1001 G ~~22~~ 30	BH 4/5			
2299	F 1-1001 ~~G 23~~ H30	BH 4/5			
2300 SOIL	F 1-1001 ~~G 23~~ H30	BH 4/5			

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS		
2301	2-2029-2A	CN 4/5			
2302 SOIL	2-2029-2A	CN 4/5			
2303	2-2026-1C	CN 4/5			
2304	1-F1001 I30 ~~G24~~	BH 4/5			
2305 SOIL	1-F1001 I30 ~~G24~~	BH 4/5			
2306	2-2029-2B	CN 4/5			
2307 SOIL	2-2029-2B	CN 4/5			
2308	1-F1001G 20 ~~G5~~	BH 4/5			
2309 SOIL	1-F1001G 20 ~~G25~~	BH 4/5			
2310	4A-F4007-203	LL 4/8			
2311	2-2032-2A	BR 4/8			
2312 SOIL	2-2032-2A	BR 4/8			
2313	1-K1001 H20 ~~G26~~	BH 4/8			
2314 SOIL	1-K1001 H20 ~~G26~~	BH 4/8			
2315	1-K1001 I20 ~~G27~~	BH 4/8			
2316 SOIL	1-K1001 I20 ~~G27~~	BH 4/8			
2317	1-K1001 J20 ~~G27~~	BH 4/8			
2318 SOIL	1-K1001 J20 ~~G27~~	BH 4/8			
2319	2-2029-3A	MR 4/8			
2320 SOIL	2-2029-3A	MR 4/8			
2321	1-K1002 024	BR 4/8			
2322 SOIL	1-K1002 024	BR 4/8			
2323	5-F5000 Z15	MA 4/8			
2324 SOIL	5-F5000 Z15	MA 4/8			
2325	5-F5000 Z16	MA 4/8			

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS
2326 SOIL	5-F5000 Z16	MA 4/8	
2327	5-F5000Z17	MA 4/8	
2328 SOIL	5-F5000Z17	MA 4/8	
2329	1-K1001 ~~629~~ K20	BH 4/8	
2330 SOIL	1-K1001 ~~629~~ K20	BH 4/8	
2331	1-K1001 ~~630~~ L20	BH 4/8	
2332 SOIL	1-K1001 ~~630~~ L20	BH 4/8	
2333	2-2000-2M	DM 4/8	
2334	2-2001-2M	DM 4/8	
2335	2-2002-2M	DM 4/8	
2336	1-K1001 ~~P12~~ P14	BH 4/8	
2337	1-K1001 ~~P13~~ P14	BH 4/8	
2338	1-K1001 P14	BH 4/8	
2339	4B-4172-3M	LL 4/8	
2340	4B-4082-1A	LL 4/8	
2341	2-2026-2A	MR 4/8	
2342	1-K1002025	BR 4/8	
2343 SOIL	1-K1002025	BR 4/8	
2344	5-F5008Z11	MA 4/8	
2345	4B-4120-1A	LL 4/8	
2346 SOIL	1-K1001 ~~P13~~ P14	BH 4/8	
2347 SOIL	1-K1002026	BR 4/8	ashy deposit.
2348	1-K1001 ~~631~~ M20	BH 4/8	
2349 SOIL	1-K1001 ~~631~~ M20	BH 4/8	
2350	2-2028-18	MR 4/9	

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS		
2351	1-K1002027	4/9 BR	next level down		no artifacts
2352 SOIL	1-K1002027	BR 4/9			
2353	4B-4080-1A	LL 4/9			
2354	4B-4173-3M	LL 4/9			
2355	4B-4174-3M	LL 4/9			
2356	4B-4175-3M	LL 4/9			
2357	4B-4080-3M	LL 4/10			
2358	4B-4182-1A	LL 4/9			
2359	5-5015-1Y	MA 4/9			
2360	5-5016-1Y	MA 4/9			
2361	5-5017-1Y	MA 4/9			
2362	4B-4181-1A	LL 4/9			
2363	2-2027-1B	MR 4/9			
2364	2-2026-3A	MR 4/9			
2365	2-F2005-Z11	MR 4/9			
2366	2-F2005-Z12	MR 4/9			
2367	2-F2005-Z13	MR 4/9			
2368 SOIL	2-F2005-Z11	MR 4/9			
2369	2-F2003 Z11	DM 4/9			
2370 SOIL	2-F2003 Z11	DM 4/9			
2371	2-F2003 Z12	DM 4/9			
2372	2-F2004 Z11	DM 4/9			
2373 SOIL	2-F2004 Z11	DM 4/9			
2374	2-F2004 Z12	DM 4/9			
2375	4B-4113-3M	LL 4/9			

BAG #	AREA, UNIT LEVEL, FEA	DATE INITIALS	COMMENTS
2376	48-4112-3M	LL 4/9	
2377	1-K1001A ~~25~~ 03	BH 4/9	
2378	1-K1001 ~~G32~~ J30	BH 4/9	
2379 SOIL	1-K1001 ~~G32~~ J30	BH 4/9	
2380	1-K1001 ~~G33~~ K30	BH 4/9	
2381 SOIL	1-K1001 ~~G33~~ K30	BH 4/9	
2382	2-F2006 Z11	DM 4/9	
2383 SOIL	2-F2006 Z11	DM 4/9	
~~2384~~	~~2-F2006 Z12~~	~~DM 4/9~~	unused.
2385	2-F2002 Z11	DM 4/9	
2386 SOIL	2-F2002 Z11	DM 4/9	
2387	2-F2002 Z12	DM 4/9	
2388 SOIL	2-F2002 Z12	DM 4/9	
2389	2-F2002 Z13	DM 4/9	
2390 SOIL	2-F2002 Z13	DM 4/9	
2391	2-F2002 Z14	DM 4/9	
2392 SOIL	2-F2002 Z14	DM 4/9	
2393	2-2028-1C	MR 4/9	
2394	2-2027-1C	MR 4/9	
2395	1-K1001 ~~G34~~ L30	BH 4/9	
2396 SOIL	1-K1001 ~~G34~~ L30	BH 4/9	
2397	1-K1001A ~~26~~ 11	BH 4/9	
2398	48-4116-3R	LL 4/9	
2399	5-5018-14	MA 4/9	
2400	2-2027-2A	MA 4/9	

FEA#	AREA	UNIT	LEVEL	DESCRIPTION
246	I	565	2A	DARK CIRCULAR STAIN INTRUDES 207 (FEA) PROBABLE BUSH HOLE.
247	I	152	2A	SQUARE MOTTLED, SUBSOIL FILLED UNKNOWN FEA.
248	I	481	2A	PLANTING HOLE, DIRECTLY ABOVE POST HOLE + MOLD FEA. 249
249	I	481	2A	POST HOLE + MOLD BENEATH FEA. 248
250	I	795	2A	SHELL FEA. ELONGATED
251	I	110	2A	SMALL ROUND STAIN, N. EDGE FEA. 5.
252	I	394/397	2A	RECTANGULAR DARK STAIN BENEATH FEA. 106 + FEA 164
253	I	563, 562 522/521	2A	CIRCULAR STAIN, INTRUSIVE INTO TRENCH 166 + 178 (FEA'S)
254	I	682	2A	POST HOLE + MOLD CUT BY FEA. 5.
~~255 VOID~~	~~I~~	~~ROOT 237~~	~~F46~~	~~POST MOLD. BASE OF FEA 46 NW 1/4 AT EDGE~~
256	I	397 & 398	2A	DARK AMORPHOUS STAIN W/ FEA 127 (trench) extending to E.
~~257 VOID~~	~~I~~	~~NO FEA 398~~	~~2A~~	~~SMALL DARK ROUND STAIN N of FEA. 256~~
258	I	395	2A	SQUARE DARK STAIN CUT BY FEA. 106
259	I	560	2A	ROUGHLY RECTANGULAR SHALLOW DARK FILLED HOLE
260	I	237	2A	SMALL BUSH HOLE, IRREGULAR ROUND, INTRUDES INTO FEA. 46.
~~261 VOID~~	~~I~~	~~715~~	~~F205 (bad)~~	~~CIRCULAR, DARK STAIN BENEATH FEA. 205~~
262	I	754	2A	LARGE ELIPTICAL DEEP STAIN, CUTS INTO FEA. 176. (the well)
263	I	714	1P	SMALL CIRCULAR STAIN CUT INTO IN UNIT 70 N.

FOUND	INIT	EXCAV	INIT
3/19/85	ER	3/19-	ER/DL
3/19/85	ER	3/20	DM
3/20/85	DM	3/20-	DM
3/22/85	ER	3/22	

Fea #	Area	Unit	Level	Description
222	I	70	F.10	P/C CIRCULAR STAIN — PLANT HOLE ? IN F.10 BASE
223	I	396	2A	PLANT HOLE
224	I	723	F.208	POST HOLE INTO F.208
225 VOID	~~I~~	~~27/68~~	~~2A~~	~~DARK IRREGULAR STAIN INTRUSIVE INTO FEATURE 21~~
226	I	175/216	F 52 216	DARK SEMI CIRCULAR STAIN EXTENDING INTO THE N. WALL AND INTO UNIT 216 - BOTTOM F 52.
227	I	564	2A	POST HOLE & MOLD, NEXT TO FEA. 166 D17
228	I	503/462	2A	LARGE OBLONG DEPRESSION RUNNING N-S, INTO SUBSOIL GRAVEL
229 VOID	~~I~~	~~423~~	~~2A~~	~~LARGE OBLONG DEPRESSION, PARTLY REMOVED. RUNS N-S. DARK STAIN INREST.~~
230	I	269	2A	TRENCH CUT BY POST HOLE & MOLD OF FEA 221 (S OF TRENCH).
231	I	150	2A	POST HOLE & POST MOLD INTRUSIVE FEA. GOES INTO FEA'S 60, 72
232	I	98	2A	DARK OVAL STAIN NEAR TREE STUMP UNDER, FEA 6.
233	I	15, 16, 794, 795	2A	CRACKED STONE - CIRCULAR - BENEATH FEA 6.
234	I	68	2A	SMALL CIRCULAR DARK STAIN, INTRUSIVE OF FEA 20
235	I	485	2A	POST MOLD & HOLE, INTRUSIVE W/ FEA'S 144 (BASE OF), 165 (ANOTHER POSS. POST MOLD & HOLE).
236	I	764	2A	POSS PLANTING TRENCH OR POST MOLD, INTRUSIVE IN FEA 96 & 95.
237	I	174, 175	2A	ROUND, SMALL PIT.
238 VOID	~~I~~	~~307~~ (147)	~~2A~~	~~POST MOLD~~
239	I	527	2A	IRREGULAR STAIN, INTRUSIVE IN FEA. 167 D15.
240	I	174	2A	SMALL CIRCULAR PIT, GRAVEL FILLED, BASE OF FEA. 237
241	I	307, 348	2A	IRREGULAR TRENCH, INTO W WALL, NW 1/4, INTERSECTS W EDGE FEA. 136, MAY CONNECT TO 130 (FEA) BEYOND BALK
242	I	347 346, 305	2A	SMALL AMORPHOUS FEATURE NEXT TO 136 TO E.
243	I	751	2A	SMALL SEMICIRCLE, DARK FILL, INTO E WALL - POSS POST HOLE
244	I	152	2A	OBLONG CIRCULAR DARK STAIN, INTRUDES 245 (FEA)
245	I	152	2A	CLAY FILL INTRUDED BY FEA 82, 244

PART OF 6 FEA'S!

Fea #	Area	Unit	Level	Description
197	I	390	2A	Possible post hole NW
198	I	503	1Y	DK SQUARE NW
199	I	473	1M	DK CIRCULAR STAIN NE
K101 001 200	I	599	1M	CIRCULAR GRAVEL PIT E1/2
201 NO FEA	VOID Part of 200 I	516	1M	PLANT hole INTO UNIT 515
202	I	483	2A	SM SANDY FILL SQUARE POST/BUSH
203	I	524	2A	SM SANDY POST/BUSH
204	I	431	2A	SM DK SQUARE POST? INTO 432
205	I	715	1Y	BRICK + COBBLE RUBBLE IN CIRCULAR FORMATION INTO 604, 714
206	I	567	2A	POST MOLD IN F.166 D11
207	I	565	2A	POST MOLD IN F.166 D14
208	J	682	2A	POST HOLE under F33
209 ✓	I	472	2A	SQUARE prob post hole
210	I	565	2A	BUSH HOLE w/ Brick
211	I	565	2A	SMALL DARK STAIN
212	I	723	2A	planting hole in F33 & F208
213	I	463	F112	linear trench E-W
214	I	421	F112	POSTHOLES? SMALL
215	I	421	F112	SMALL POSTHOLE?
216	I	566	F166D16	posthole & mold in trench
217	I	446	2A	POST HOLE + MOLD ADJACENT TO F.133
218	I	258/259	F 70	Post hole
219	I	565	F210	POST MOLD IN BASE F.210
220	I	225	F53	POST MOLD BASE F.53
221	I	269	F.53	POST MOLD AT BASE F.53 W

Formerly part of F145 - reduced

F #	Area	Unit	Level	Description
172	I	949	2A	SQUARE CUT / FILL NW
HOLD 173 VOID	~~I~~	~~949~~	~~2A~~	~~POST HOLE~~ SW
174	I	720	2A	POST HOLE INTO 721
175	I	681	2A	TRENCH N-S INTO UNIT 722, PIG + COMBED
* 176 NOW K1002	I	796, 797 755, 756	1A	WELL 2x2
177	I	559	2A	TRENCH N-S INTO 560
178	I	562	2A	SM TRENCH @ 90°C FROM F.137
179	I	521	2A	DK CIRCULAR FILL BELOW STUMP INTO 522
180	I	522	2A	DK SQ. POST HOLE W/BRICK, NW
181	I	562	2A	PLANT HOLE SE
182	I	948	2A	CIRCULAR FILLED AREA.
183 VOID	~~I~~	~~434~~	~~2A~~	~~SM. CIRCULAR STAIN, NE~~
VOID NO FEA. ~~184~~	~~I~~	~~433~~	~~2A~~	~~LG CIRCULAR STAIN~~ PLANT HOLE INTO 474
185	I	474	2A	Roughly CIRCULAR FILL NE + N. edge
186	I	680	1N	DK TRENCH N-S E. SIDE ⊥ F.175
187	I	568	2A	PLANT HOLE NE
188	I	527	2A	TRENCH, EW INTO 528
189	I	528	2A	ROUND STAIN, LARGE, W. WALL
190	I	950	1Y	LINEAR CUT, SW
VOID STUMP HOLE ~~191~~	~~I~~	~~264~~	~~1Y~~	SMALL SQ. STAIN CONNECTED TO ANOTHER STAIN, NE
VOID ~~192~~ NON-FEATURE	~~I~~	~~929~~	~~1Y~~	LINEAR CUT THROUGH SE CORNER F.10
193	I	392	2A	CIRCULAR SANDY STAIN NE SIDE
VOID TREE ROOT HOLE ~~194~~	~~I~~	~~559~~	~~2A~~	~~SM DK CIRCULAR FILL~~
VOID ROOT ~~195~~	~~I~~	~~518~~	~~2A~~	~~PLANT HOLE~~ ADJACENT TO F.177 + F.137
VOID 196 NO FEA	I	544	1M	SQUARE FILL SE

FOUND	INITIAL	EXCAVATED	INITIAL
→ F.175 Right Angle			
		3/19-	ER/LP
F184 disappeared			

FEA #	AREA	UNIT	TOP LEVEL	DESCRIPTION
147	I	719	2A	SQUARE STAIN W. SIDE
148 VOID	I	~~761~~	1N	POST MOLD W/ CHARCOAL SE
149	I	761	1N	ORANGE CLAY POST MOLD. W. SE
150	I	224	2A	DK CIRCULAR STAIN NE, PROBABLE POST HOLE
151	I	445	2A	NARROW TRENCH, S. INTO 446
152	I	445	2A	PLANT HOLE
153	I	487	2A	CIRCULAR STAIN, SW. INTO 446 NW
154	I	487	2A	PLANT HOLE SE
155	I	486	2A	PLANT HOLE SW
156	I	486	2A	PLANT HOLE NW
157	I	487	2A	PLANT HOLE NE
158	I	487	2A	PLANT HOLE N. EDGE. NE
159 VOID	I	~~477~~	~~2A~~	SQ. POST HOLE + MOLD. SW NO-POST STAIN
160	I	393	2A	SQ. DK FILL - POSSIBLE POST HOLE
161	I	439, 440	2A	TRENCH, NW-SE
162	I	481	2A	DK STAIN, POSSIBLE TRENCH
NON-FEA. ~~163~~	VOID I	394	2A	SM. CIRCULAR STAIN POSSIBLE POST
164	I	394	2A	LG CIRCULAR STAIN POSSIBLE POST HOLE
2/25 165	I	486	2A	PLANT HOLE INTO 485
~~166~~ 206	I	566	2A	TRENCH INTO UNIT 567 EW ~~NW~~ 206
167	I	566	2A	TRENCH INTO UNIT 567, EW
168	I	527	2A	TRENCH INTO 566, 567 526. E-W, INTRUDES FEA. 169
169	I	526	2A	POST HOLE + MOLD INTO 525. E-W. SHORT
170	I	567	2A	PLANTING hole
171	I	525	2A	OBLONG SANDY FILL / STAIN

F. #	AREA	UNIT	TOP LEVEL	DESCRIPTION
122	I	438 NE	2A	POSSIBLE POST HOLE INTO F.118, ALSO IN UNIT 437 NW
123	NO FEA VOID ~~I~~	~~400~~	~~2A~~	POSSIBLE POST HOLE E. SIDE
124	NO FEA VOID ~~I~~	~~359~~	~~2A~~	AMORPHOUS LINEAL STAIN ~~INTO 400~~ POSSIBLE TREE FALL, DK
125	I	158	1Y	BRICK CLUSTER - NE POSSIBLE POST HOLE
~~126~~ VOID	ROOT STAIN ~~I~~	~~396~~	~~2A~~	OVAL FILL AREA
127 VOID	~~I~~	~~397~~	~~2A~~	SM. TRENCH W. OF F.126 ~~INTO F.120~~
128	I	396	2A	POST HOLE INTO F.127.
129	I	387	2A	POST HOLE INTO UNIT 346
130	I	308	2A	AMORPHOUS STAIN W/ BRICK, SHELL, N½
131	I	267	2A	OYSTER CONCENTRATION NE, INTO 308 S. EDGE
132	I	346	1Y	DK NARROW TRENCH INTO 347, NE-SW
133	I	444	2A	DK AMORPHOUS STAIN, BRICK, SHELL
134	I	678	2A	POST HOLE + MOLDING, SIDE
135	I	348	2A	POST HOLE IN SE CORNER
136	I	348	2A	AMORPHOUS CLAYEY DISTURBANCE SW CORNER
~~137~~	VOID ~~I~~ IS FEA 166 NOW.	~~519~~	~~1Y~~	WIDE E-W ~~TRENCH INTO~~ UNIT 520 + 521, 52
138	I	561	1Y	SQUARE POST HOLE
139 VOID	~~I~~	~~519~~	SURFACE	BRICK PIER
140	I	435	2A	LG SQUARE W/ FILL INTO 436, 434
141	I	485	2A	SM. NARROW TRENCH INTO 484, N. EDGE
142	I	485	2A	SM NARROW TRENCH INTO 484
143	I	485	2A	LONG NARROW TRENCH INTO 484, 483
144	I	485	2A	POST HOLE IN/NEAR F.143
145	I	524	2A	SQUARE DK FILL
146	I	721	2A	POST HOLE W/ BRICK, NW

WOOD IN POST MOLD WOOD IS <u>LOCUST</u>

INTO UNITS 483, 524, 525 / 2/27/85 reduced

Fea #	AREA	UNIT	Level	DESCRIPTION
P.S. MOD. FEA → ~~97~~ VOID	PART OF 96. ~~I~~	~~764~~	~~2A~~	~~POSSIBLE PLANTING HOLE, SE, SMALL DK~~
98	I	762	2A	SM. DK CIRCULAR STAIN POSSIBLE PLANT HOLE
99	I	762	2A	CIRCULAR STAIN ENCOMPASS BY CLAY NE
ROOT HOLE ~~100 VOID~~	~~I~~	~~762~~	~~2A~~	~~DK MOTTLED STAIN SW, POSSIBLE PLANT/ ROOT~~
101	I	314	1Y	SM. SQUARE STAIN, MORTAR NE QUAD
VOID ROOT ~~102~~	~~I~~	~~229~~	~~2A~~	~~SM. AMORPHOUS DK FILL BRICK, GLASS, LOAF, W. SIDE INTO 230~~
VOID ~~103~~	~~I~~	~~200~~	~~2A~~	~~SM DK FILL, CENTER, POSSIBLE ROOT - CLEAR LINES.~~
104	I	155	2A	SQUARISH BRICK FILL, DK
105	I	155	2A	DK POSSIBLE POST HOLE, E. EDGE INTO 154 W. EDGE
106	I	394	2A	TRENCH-LIKE, DK RUBBLE FILL N. EDGE → W. 395, W. 355, W. 356
107	I	154	2A	SM. DK. POSSIBLE POST HOLE. E. EDGE
108	I	354	2A	NARROW TRENCH W/FILL INTO 355 + 356
109 VOID	~~I~~	~~353~~	~~2A~~	~~NARROW TRENCH W/FILL INTO 354, 355, 356~~
110	I	394	2A	NARROW TRENCH W/FILL INTO 395
111	I	354	2A	SM. CIRCULAR POST MOLD W/ FILL, NE
112	I	381	2A	DK LINEAR TRENCH-LIKE FILL INTO 382 N. EDGE
113	I	281, 280	2B	CIRCULAR FILL, SE, BRICK, SHELL, BONE
114	I	402	2A	DK CIRCULAR FILL, W INTO 403 E.
VOID ~~115~~	~~I~~	~~362~~	~~2A~~	~~DK RECTANGULAR FILL, NE~~
VOID TREE ROOT ~~116~~	~~I~~	~~361~~	~~2A~~	~~AMORPHOUS DK STAIN. SE~~
117	I	760/759	2A	DK SQUARE FILL IN S. WALL
118	I	437	2A	SM. DK TRENCH E-W INTO UNIT 438
119	I	478	2A	POSSIBLE POST HOLE W/BRICK, NE
120	I	438	2A	DK FILL LEVEL - LARGE S. INTO 397 W. EDGE
121	I	397	2A	SMALL TRENCH INTO F. 120, ENDS AT 396

— summary / extension of church's work
381 + 382

F. #	AREA	UNIT	LEVEL	DESCRIPTION
73	I	149	2A	LARGE POSSIBLE POST HOLE
74	I	149	2A	DK FILL, SQUARE INTRUSIVE INTO F73
75	I	149	2A	ROUND ROOT/MORTAR FILL
NO FEA.	TREE ROOT			LINEAR DK FILL · NORTH EDGE
VOID 76	I	321	2A	
77 VOID	I	191	2A	SMALL NARROW DK TRENCH
78	I	233	2A	DK CIRCULAR STAIN. W/MORTAR, NW
79	I	803	2A	SQUARISH DK FILL, NW INTO UNIT 24.
NON FEA. 231 SAME AS 80	I	VOID 191/190	2A	LARGE CIRCLE, BRICK + FILL, ASSOC F #77, #60
81	I	217/176/F.57	2A	SAND FILLED POST MOLD ?
82	I	152	2A	LG POST HOLE LIKE W/BRICK, DK
83	I	105	2A	POSSIBLE POST HOLE INTO #106
VOID NO FEA. 84	I	146	2A	POSSIBLE TRENCH, NARROW W/GRASS, LEANING BRICK, COAL INTO 147
85	I	364/INTO 405	2A	POSSIBLE POST HOLE SMALL, DK, FILL, STONE, UNDER, SHELL.
86	I	404	2A	SM. CIRCULAR FILL, BRICK + SHELL & SIZE POSSIBLE PLANT HOLE.
87	I	404	2A	DK CUT IN E WALL PROBABLE PLANT HOLE
88	I	404	2A	LT BRN SANDY FILL IN FLOOR, SW, SQUARISH
89	I	761	IN	SHELL MIDDEN. N 1/2 N. OF F. 56
90	I	272	2A	RECTANGULAR DK STAIN W/BRICK + 18TH C COLOR
VOID ROOT! 91	I	230	2A	LINEAR TRENCH, DK E-W TO UNIT 231
92	I	231	2A	CIRCULAR DK FILL, BRICK, 18TH C COLOR EXTENDS TO SOUTH N. UNIT 230
93 VOID	I	199	2A	LINEAR MOTTLED STAIN ADJACENT TO F. 27
94	I	188	2A	POSSIBLE POST HOLE SQUARE, DK FILL
95	I	764	2A	POSSIBLE POST HOLE + MOLD. NE ABUTTING F. 33 TRENCH.
96	I	764	2A	POSSIBLE POST HOLE + MOLD 5 1/2 W/BRICK

—MAYBE IN 217

F. #	AREA	UNIT	TOP LEVEL	DESCRIPTION
48	I	278	2A	LG RECTANGULAR DK BRN FILL, SE
~~49~~ VOID	NO FEATURE ~~I~~	~~69~~	~~2A~~	~~DK SMALL CIRCULAR STAIN - YROB ROOT~~
50	I	142	2A	DK SQUARE FILL - SW CORNER, POSS POST HOLE
51	I	218	2A	POSSIBLE POST HOLE N. WALL, DK SOIL
* 52	I	177 / 217 / 218 SE	1B	CIRCULAR DK FILL PIT NW
53	I	183	2A	SHELL CLUSTER BAND NW-SE
~~54~~ VOID	RODENT HOLE ~~I~~	~~107~~	~~2A~~	~~GRY SANDY STAIN AMORPHOUS - ROOT~~
~~55~~ VOID	ROOT ~~I~~	~~107~~	~~2A~~	~~GRY SANDY STAIN - SMALL RECTANGULAR~~
56	I	761	1M	SHELL CLUSTER SE
57	I	136	1B	BRICK RUBBLE W/ CERAMICS EXTENDS NORTH TO UNIT 177
58	I	108	2A	CIRCULAR DK FILL W/ BRICK,
~~59~~ VOID	~~I~~	~~318~~	~~2A~~	~~POSSIBLE PLANTING HOLE, DK FILL, N 1/2~~
60	I	150	2A	CIRCULAR FILL - BRICK MORTAR N 1/2
* ON HOLD 61	I	109/150	2A	ROUGHLY CIRCULAR BRICK FILL, NE, RUNS INTO 150 SE + 108 NW.
62	I	144	2A	DK FILL, BRICK, ROUGHLY RECTANGULAR, INTO N WALL
~~63~~ VOID - NOT FEA BUT SHALLOW BRICK SCATTER	~~I~~	~~192~~	~~2A~~	~~CIRCULAR DK FILL, BRICK, LOBBLE, SHELL NW~~
~~64~~ VOID	~~I~~	~~148~~	~~2A~~	~~POSSIBLE POST W/ BRICK WEST (SMALL)~~
65	I	148	2A	POSSIBLE POST W/ COAL (SMALL)
~~66~~ NON FEA. VOID	~~I~~	~~103~~	~~2A~~	~~POSSIBLE POST HOLE, MOTTLED LIGHT BRN SAND - NE~~
NOT A FEA. * ~~67~~	~~I~~ VOID	~~24~~	~~2A~~	~~AMORPHOUS DK STAIN, NW~~
68	I	23/24	2A	CIRCULAR DK FILLED PIT SW INTO # 24 SE
69	I	145	2A	POSSIBLE POST HOLE W/ BRICK, W. SIDE IN COMPACT
* ~~70~~ FILL OF FEA. 52	~~I~~	~~VOID 217~~	~~1B~~	~~SANDY CLAY~~
3/5 71	I	232	2A	SQUARISH DK FILL, NE POSSIBLE POST MOLD
72	I	232	2A	LINEAR DK FILL POSSIBLE TRENCH W/ BRICK + MORTAR

SOME BAGS OF 70 WERE CALLED 71
mold of fea. 72

Fea. #	Area	Unit	Top Level	Description
24	I	26	2A	DARK STAIN IN SW CORNER
25	I	767	2A	DARK BRICK FILL IRREGULAR SHAPE
26	I	193	2A	ROUGHLY CIRCULAR FILLED PIT W/ INSITU COMBED YELLOW SLIPWARE
NO TRENCH ~~27~~	~~I~~ VOID	~~157~~	~~1B~~	~~DARK FILLED TRENCH EXTENDS~~ TO 198 + 239 N-S → INADVERTENTLY EXCAVATED
28	I	194	2A	ROUGHLY SQUARE DARK FILL PIT BRICK, CHARCOAL
29	I	234	2A	POSSIBLE POST HOLE
30	I	234	2A	DARK FILL W/ METAL + BRICK.
31 VOID	~~I~~	~~101~~	~~2A~~	~~POSSIBLE POST HOLE W/ BRICK FRAGS~~
32 VOID	~~I~~	~~235~~	~~2A~~	~~POST HOLE~~
33	I	804	1C	DARK FILL - POSSIBLE TRENCH - SW CORNER
~~34~~ VOID - MINOR DEPRESSION	~~I~~	~~157~~	~~2A~~ NO FEA.	~~POST HOLE~~
same as #34 ~~35~~ VOID	~~I~~	~~157~~	~~2A~~	~~POST MOLD~~
same as 100 36	I	763	1.0	CIRCULAR STAIN NE
37	I	763	1-0	SQUARISH STAIN SE
38	I	807	2A	IRREGULAR ROUND DKER STAIN - SOUTHERN HALF ☐ x SE
ANIMAL BURROW 39 VOID	~~I~~	~~807~~	~~2A~~	~~SMALL ROUND - EAST CENTER~~ DKER STAIN ☐ x SE
40	I	807/806	2A	IN UNITS 806, DK CIRCULAR FEATURE. ☐ x SE
VOID ROOT ACTION ~~41~~	~~I~~	~~138~~	~~2B~~	~~SM. OBLONG DKER FEATURE IN N/W CORNER~~ 11 cm x 21 cm
same as #28 ~~42~~ VOID	~~I~~	~~194~~	~~2A~~	~~POST HOLE IN FEA 28.~~
43	I	806	2A	IRREGULAR CIRCLE DK SOIL FILL (LOOSE)
VOID ~~44~~	~~I~~	~~28~~	~~2A~~	~~SMALL DK STAIN - PROB ROOT IRREGULARITY~~
45	I	68	2A	RUBBLE FILL - DK SOIL
46	I	237	2A	RUBBLE FILL, N. WALL PIT/TRENCH
VOID ROOT ACTION ~~47~~	~~I~~	~~74~~	~~2A~~	~~DARK RUBBLE FILL TRENCH / PIT, NE~~

Feature Log

#	AREA	UNIT	TOP Level	DESCRIPTION
1	I	12	1A	BRICK RUBBLE
2	I	23	1B	SHELL CLUSTER
3	I	63/62/21/22	2B	RECTANGULAR STAIN
4	I	21/22	2A	POST HOLE
5	I	683/724	2A	TRENCH / TREE FALL
6	I	16/15/56/57	2A	COBBLE WALKWAY
7	I	53	1B	DARK CIRCULAR 1B FILL
8	I	53	1B	DARK FILL W/ OYSTER SHELL
9	I	56	1B	CONCRETE PAD
10	I	725	2A	DARK LINEAR STAIN W/ ARTIFACTS
11	I	684	2A	DARK CIRCULAR FILL STAIN CUTS INTO Fea 10
SILAS TEST UNIT 12	I	~~19/20~~	1A	RECTANGULAR DISTURBANCE (PARTY TEST)?
VOID ROOT! ~~13~~	~~I~~	~~358/197~~	~~2A~~	GARDEN / BUSH / ROOT
14	I	61	2A	DARK STAIN IN NW CORNER
~~15~~	~~DELETED~~		~~2A~~	~~DARK LINEAR STAIN~~ CUT VISIBLE IN S. WALL APPEARS TO CONNECT W/ FEA 10 TO SOUTH
16	I	25 E. wall	2A	DARK FILLED CUT IN E. WALL
17	I	25 W. wall	2A	DARK FILLED IN W. WALL + FLOOR
18	I	317	2A	FILLED POST HOLE?
19	I	71	2A	SUPERIMPOSED DARK FILL CUT INTO 1 OFF FEA 15.
20	I	67	2A	RECTANGULAR FILL IN NW CORNER / WALL
21	I	67	2A	CIRCULAR DARK FILL UNDER TREE
22	I	67/66	2A	LT MOTTLED RECTANGULAR FILL INTO 66
23	I	26/25	2A	DARK FILL RUBBLE CIRCULAR

call #10

NOTE: Delete Fea #15 - same as #10

CURVE TABLES

HOW TO USE CURVE TABLES

Table I. contains Tangents and Externals to a 1° curve. Tan. and Ext. to any other radius may be found nearly enough, by dividing the Tan. or Ext. opposite the given Central Angle by the given degree of curve.

To find Deg. of Curve, having the Central Angle and Tangent: Divide Tan. opposite the given Central Angle by the given Tangent.

To find Deg. of Curve, having the Central Angle and External: Divide Ext. opposite the given Central Angle by the given External.

To find Nat. Tan. and Nat. Ex. Sec. for any angle by Table I.: Tan. or Ext. of twice the given angle divided by the radius of a 1° curve will be the Nat. Tan. or Nat. Ex. Sec.

EXAMPLE

Wanted a Curve with an Ext. of about 12 ft. Angle of Intersection or I. P. = 23° 20′ to the R. at Station 542+72.

Ext. in Tab. I opposite 23° 20′ = 120.87
120.87 ÷ 12 = 10.07. Say a 10° Curve.

Tan. in Tab. I opp. 23° 20′ = 1183.1
1183.1 ÷ 10 = 118.31.

Correction for A. 23° 20′ for a 10° Cur. = 0.16
118.31 + 0.16 = 118.47 = corrected Tangent.

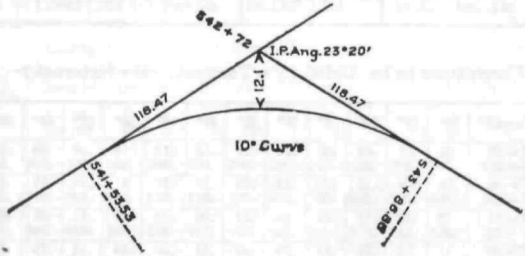
(If corrected Ext. is required find in same way)
Ang. 23° 20′ = 23.33° ÷ 10 = 2.3333 = L. C.

2° 19½′ = def. for sta.	542	I. P. = sta.	542+72
4° 49½′ = " " "	+50	Tan. =	1 .18.47
7° 19½′ = " " "	543	B. C. = sta.	541+53.53
9° 49½′ = " " "	+50	L. C. =	2 .33.33
11° 40′ = " " "	543+		
	86.86	E. C. = Sta.	543+86.86

100 − 53.53 = 46.47 × 3′ (def. for 1 ft. of 10° Cur.) = 139.41′ = 2° 19½′ = def. for sta. 542.

Def. for 50 ft. = 2° 30′ for a 10° Curve.

Def. for 36.86 ft. = 1° 50½′ for a 10° Curve.



Tangents and Externals to a 1° Curve.
Chord = 100 ft.

Int. Angle	Tangent	External	Int. Angle	Tangent	External	Int. Angle	Tangent	External
1°	50.00	.22	8°	400.66	13.99	15°	754.32	49.44
10′	58.34	.30	10′	409.03	14.58	10′	762.80	50.55
20	66.67	.39	20	417.41	15.18	20	771.29	51.68
30	75.01	.49	30	425.79	15.80	30	779.77	52.82
40	83.34	.61	40	434.17	16.43	40	788.26	53.97
50	91.68	.73	50	442.55	17.07	50	796.75	55.13
2	100.01	.87	9	450.93	17.72	16	805.25	56.31
10	108.35	1.02	10	459.32	18.38	10	813.75	57.50
20	116.68	1.19	20	467.71	19.06	20	822.25	58.70
30	125.02	1.36	30	476.10	19.75	30	830.76	59.91
40	133.36	1.55	40	484.49	20.45	40	839.27	61.14
50	141.70	1.75	50	492.88	21.16	50	847.78	62.38
3	150.04	1.96	10	501.28	21.89	17	856.30	63.63
10	158.38	2.19	10	509.68	22.62	10	864.82	64.90
20	166.72	2.43	20	518.08	23.38	20	873.35	66.18
30	175.06	2.67	30	526.48	24.14	30	881.88	67.47
40	183.40	2.93	40	534.89	24.91	40	890.41	68.77
50	191.74	3.21	50	543.29	25.70	50	898.95	70.09
4	200.08	3.49	11	551.70	26.50	18	907.49	71.42
10	208.43	3.79	10	560.11	27.31	10	916.03	72.76
20	216.77	4.10	20	568.53	28.14	20	924.58	74.12
30	225.12	4.42	30	576.95	28.97	30	933.13	75.49
40	233.47	4.76	40	585.36	29.82	40	941.69	76.86
50	241.81	5.10	50	593.79	30.68	50	950.25	78.26
5	250.16	5.46	12	602.21	31.56	19	958.81	79.67
10	258.51	5.83	10	610.64	32.45	10	967.38	81.09
20	266.86	6.21	20	619.07	33.35	20	975.96	82.53
30	275.21	6.61	30	627.50	34.26	30	984.53	83.97
40	283.57	7.01	40	635.93	35.18	40	993.12	85.43
50	291.92	7.43	50	644.37	36.12	50	1001.7	86.90
6	300.28	7.86	13	652.81	37.07	20	1010.3	88.39
10	308.64	8.31	10	661.25	38.03	10	1018.9	89.89
20	316.99	8.76	20	669.70	39.01	20	1027.5	91.40
30	325.35	9.23	30	678.15	39.99	30	1036.1	92.92
40	333.71	9.71	40	686.60	40.99	40	1044.7	94.46
50	342.08	10.20	50	695.06	42.00	50	1053.3	96.01
7	350.44	10.71	14	703.51	43.03	21	1061.9	97.57
10	358.81	11.22	10	711.97	44.07	10	1070.6	99.16
20	367.17	11.75	20	720.44	45.12	20	1079.2	100.75
30	375.54	12.29	30	728.90	46.18	30	1087.8	102.35
40	333.91	12.85	40	737.37	47.25	40	1096.4	103.97
50	392.28	13.41	50	745.85	48.34	50	1105.1	105.60

Corrections to be Added (T = Tangent. E = External.)

Int. Angle	Curve 5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
5°	T=.02	.03	.05	.06	.08	.10	.11	.13	.15	.16	.18	.20	.21	.23
	E=.000	.000	.001	.001	.002	.002	.002	.003	.003	.004	.004	.004	.005	.005
10°	T=.03	.06	.09	.13	.16	.19	.22	.25	.28	.31	.34	.38	.42	.46
	E=.001	.003	.004	.006	.007	.008	.009	.011	.012	.014	.015	.017	.018	.020
15°	T=.04	.10	.14	.19	.24	.29	.34	.39	.45	.51	.53	.58	.63	.68
	E=.003	.007	.010	.014	.018	.023	.027	.029	.032	.035	.039	.043	.047	.051
20°	T=.06	.13	.19	.26	.32	.39	.45	.51	.58	.65	.72	.79	.84	.90
	E=.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.076	.083
25°	T=.08	.16	.24	.33	.40	.49	.58	.67	.75	.83	.90	.99	1.06	1.14
	E=.009	.018	.027	.036	.046	.056	.065	.074	.083	.093	.106	.120	.127	.135

Tangents and Externals to a 1° Curve.
Chord = 100 ft.

Int. Angle	Tangent	External	Int. Angle	Tangent	External	Int. Angle	Tangent	External
22°	1113.7	107.24	**29°**	1481.8	188.51	**36°**	1861.7	294.9
10′	1122.4	108.90	10′	1490.7	190.74	10′	1870.9	297.7
20	1131.0	110.57	20	1499.6	192.99	20	1880.1	300.6
30	1139.7	112.25	30	1508.5	195.25	30	1889.4	303.5
40	1148.4	113.95	40	1517.4	197.53	40	1898.6	306.4
50	1157.0	115.66	50	1526.3	199.82	50	1907.9	309.3
23	1165.7	117.38	**30**	1535.3	202.12	**37**	1917.1	312.2
10	1174.4	119.12	10	1544.2	204.44	10	1926.4	315.2
20	1183.1	120.87	20	1553.1	206.77	20	1935.7	318.1
30	1191.8	122.63	30	1562.1	209.12	30	1945.0	321.1
40	1200.5	124.41	40	1571.0	211.48	40	1954.3	324.1
50	1209.2	126.20	50	1580.0	213.86	50	1963.6	327.1
24	1217.9	128.00	**31**	1589.0	216.3	**38**	1972.9	330.2
10	1226.6	129.82	10	1598.0	218.7	10	1982.2	333.2
20	1235.3	131.65	20	1606.9	221.1	20	1991.5	336.3
30	1244.0	133.50	30	1615.9	223.5	30	2000.9	339.3
40	1252.8	135.35	40	1624.9	226.0	40	2010.2	342.4
50	1261.5	137.23	50	1633.9	228.4	50	2019.6	345.5
25	1270.2	139.11	**32**	1643.0	230.9	**39**	2029.0	348.6
10	1279.0	141.01	10	1652.0	233.4	10	2038.4	351.8
20	1287.7	142.93	20	1661.0	235.9	20	2047.8	354.9
30	1296.5	144.85	30	1670.0	238.4	30	2057.2	358.1
40	1305.3	146.79	40	1679.1	241.0	40	2066.6	361.3
50	1314.0	148.75	50	1688.1	243.5	50	2076.0	364.5
26	1322.8	150.71	**33**	1697.2	246.1	**40**	2085.4	367.7
10	1331.6	152.69	10	1706.3	248.7	10	2094.9	371.0
20	1340.4	154.69	20	1715.3	251.3	20	2104.3	374.2
30	1349.2	156.70	30	1724.4	253.9	30	2113.8	377.5
40	1358.0	158.72	40	1733.5	256.5	40	2123.3	380.8
50	1366.8	160.76	50	1742.6	259.1	50	2132.7	384.1
27	1375.6	162.81	**34**	1751.7	261.8	**41**	2142.2	387.4
10	1384.4	164.86	10	1760.8	264.5	10	2151.7	390.7
20	1393.2	166.95	20	1770.0	267.2	20	2161.2	394.1
30	1402.0	169.04	30	1779.1	269.9	30	2170.8	397.4
40	1410.9	171.15	40	1788.2	272.6	40	2180.3	400.8
50	1419.7	173.27	50	1797.4	275.3	50	2189 9	404.2
28	1428.6	175.41	**35**	1806.6	278.1	**42**	2199.4	407.6
10	1437.4	177.55	10	1815.7	280.8	10	2209.0	411.1
20	1446.3	179.72	20	1824.9	283.6	20	2218.6	414.5
30	1455.1	181.89	30	1834.1	286.4	30	2228.1	418.0
40	1464.0	184.08	40	1843.3	289.2	40	2237.7	421.4
50	1472.9	186.29	50	1852.5	292.0	50	2247.3	425.0

Corrections to be Added (T = Tangent. E = External.)

Int. Angle	Curve 5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
20°	T=.06	.13	.19	.26	.32	.39	.45	.51	.58	.65	.72	.79	.84	.90
	E=.006	.011	.017	.022	.028	.034	.038	.045	.051	.057	.063	.070	.076	.083
25°	T=.08	.16	.24	.33	.40	.49	.58	.67	.75	.83	.90	.99	1.06	1.14
	E=.009	.018	.027	.036	.046	.056	.065	.074	.083	.093	.106	.120	.127	.135
30°	T=.10	.19	.29	.39	.49	.59	.69	.79	.89	.99	1.09	1.20	1.29	1.39
	E=.013	.025	.038	.051	.065	.078	.090	.103	.116	.129	.149	.170	.179	.188
35°	T=.11	.22	.34	.47	.58	.69	.80	.93	1.05	1.17	1.29	1.42	1.54	1.66
	E=.018	.035	.054	.072	.086	.109	.131	.153	.175	.197	.213	.230	.247	.264
40°	T=.13	.26	.40	.53	.67	.80	.93	1.06	1.20	1.34	1.49	1.64	1.79	1.94
	E=.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341
45°	T=.15	.30	.44	.60	.76	.91	1.06	1.21	1.37	1.52	1.70	1.87	2.04	2.21
	E=.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445

Tangents and Externals to a 1° Curve.
Chord = 100 ft.

Int. Angle	Tangent	External	Int. Angle	Tangent	External	Int. Angle	Tangent	External
43°	2257.0	428.5	**50°**	2671.8	592.3	**57°**	3110.9	790.1
10′	2266.6	432.0	10′	2681.9	596.6	10′	3121.7	795.2
20	2276.2	435.6	20	2692.1	600.9	20	3132.6	800.4
30	2285.9	439.2	30	2702.3	605.3	30	3143.4	805.6
40	2295.6	442.8	40	2712.5	609.6	40	3154.2	810.9
50	2305.2	446.4	50	2722.7	614.0	50	3165.1	816.1
44	2314.9	450.0	**51**	2732.9	618.4	**58**	3176.0	821.4
10	2324.6	453.6	10	2743.1	622.8	10	3186.9	826.7
20	2334.3	457.3	20	2753.4	627.2	20	3197.8	832.0
30	2344.1	461.0	30	2763.7	631.7	30	3208.8	837.3
40	2353.8	464.6	40	2773.9	636.2	40	3219.7	842.7
50	2363.5	468.4	50	2784.2	640.7	50	3230.7	848.1
45	2373.3	472.1	**52**	2794.5	645.2	**59**	3241.7	853.5
10	2383.1	475.8	10	2804.9	649.7	10	3252.7	858.9
20	2392.8	479.6	20	2815.2	654.3	20	3263.7	864.3
30	2402.6	483.4	30	2825.6	658.8	30	3274.8	869.8
40	2412.4	487.2	40	2835.9	663.4	40	3285.8	875.3
50	2422.3	491.0	50	2846.3	668.0	50	3296.9	880.8
46	2432.1	494.8	**53**	2856.7	672.7	**60**	3308.0	886.4
10	2441.9	498.7	10	2867.1	677.3	10	3319.1	892.0
20	2451.8	502.5	20	2877.5	682.0	20	3330.3	897.5
30	2461.7	506.4	30	2888.0	686.7	30	3341.4	903.2
40	2471.5	510.3	40	2898.4	691.4	40	3352.6	908.8
50	2481.4	514.3	50	2908.9	696.1	50	3363.8	914.5
47	2491.3	518.2	**54**	2919.4	700.9	**61**	3375.0	920.2
10	2501.2	522.2	10	2929.9	705.7	10	3386.3	925.9
20	2511.2	526.1	20	2940.4	710.5	20	3397.5	931.6
30	2521.1	530.1	30	2951.0	715.3	30	3408.8	937.3
40	2531.1	534.2	40	2961.5	720.1	40	3420.1	943.1
50	2541.0	538.2	50	2972.1	725.0	50	3431.4	948.9
48	2551.0	542.2	**55**	2982.7	729.9	**62**	3442.7	954.8
10	2561.0	546.3	10	2993.3	734.8	10	3454.1	960.6
20	2571.0	550.4	20	3003.9	739.7	20	3465.4	966.5
30	2581.0	554.5	30	3014.5	744.6	30	3476.8	972.4
40	2591.0	558.6	40	3025.2	749.6	40	3488.3	978.3
50	2601.1	562.8	50	3035.8	754.6	50	3499.7	984.3
49	2611.2	566.9	**56**	3046.5	759.6	**63**	3511.1	990.2
10	2621.2	571.1	10	3057.2	764.6	10	3522.6	996.2
20	2631.3	575.3	20	3067.9	769.7	20	3534.1	1002.3
30	2641.4	579.5	30	3078.7	774.7	30	3545.6	1008.3
40	2651.5	583.8	40	3089.4	779.8	40	3557.2	1014.4
50	2661.6	588.0	50	3100.2	784.9	50	3568.7	1020.5

Corrections to be Added (T = Tangent. E = External.)

Int. Angle	Curve 5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
40°	T=.13	.26	.40	.53	.67	.80	.93	.106	1.20	1.34	1.49	1.64	1.79	1.94
	E=.023	.046	.070	.093	.117	.141	.172	.203	.234	.265	.277	.290	.315	.341
45°	T=.15	.30	.44	.60	.76	.91	1.06	1.21	1.37	1.52	1.70	1.87	2.04	2.21
	E=.030	.060	.093	.119	.153	.184	.216	.254	.289	.325	.351	.378	.411	.445
50°	T=.17	.34	.51	.68	.85	1.02	1.19	1.36	1.54	1.72	1.91	2.10	2.29	2.48
	E=.037	.075	.116	.151	.189	.227	.266	.305	.345	.384	.425	.467	.508	.550
55°	T=.19	.38	.57	.76	.95	1.14	1.32	1.52	1.72	1.92	2.14	2.35	2.56	2.77
	E=.046	.093	.142	.188	.236	.283	.332	3.81	.420	.479	.530	.582	.641	.700
60°	T=.21	.42	.63	.84	1.05	1.27	1.49	1.71	1.94	2.17	2.38	2.60	2.83	3.07
	E=.056	.112	.168	.225	.283	.340	.398	.457	.516	.575	.636	.697	.774	.851
65°	T=.23	.46	.69	.93	1.16	1.40	1.64	1.88	2.13	2.38	2.63	2.88	3.13	3.39
	E=.067	.135	.204	.273	.343	.412	.483	.554	.625	.697	.711	.845	.922	1.01

Tangents and Externals to a 1° Curve.
Chord = 100 ft.

Int. Angle	Tangent	External	Int. Angle	Tangent	External	Int. Angle	Tangent	External
64°	3580.3	1026.6	**71°**	4086.9	1308.2	**78°**	4639.8	1643.0
10′	3591.9	1032.8	10′	4099.5	1315.6	10′	4653.6	1651.7
20	3603.5	1039.0	20	4112.1	1322.9	20	4667.4	1660.5
30	3615.1	1045.2	30	4124.8	1330.3	30	4681.3	1669.2
40	3626.8	1051.4	40	4137.4	1337.7	40	4695.2	1678.1
50	3638.5	1057.7	50	4150.1	1345.1	50	4709.2	1686.9
65	3650.2	1063.9	**72**	4162.8	1352.6	**79**	4723.2	1695.8
10	3661.9	1070.2	10	4175.6	1360.1	10	4737.2	1704.7
20	3673.7	1076.6	20	4188.5	1367.6	20	4751.2	1713.7
30	3685.4	1082.9	30	4201.2	1375.2	30	4765.3	1722.7
40	3697.2	1089.3	40	4214.0	1382.8	40	4779.4	1731.7
50	3709.0	1095.7	50	4226.8	1390.4	50	4793.6	1740.8
66	3720.9	1102.2	**73**	4239.7	1398.0	**80**	4807.7	1749.9
10	3732.7	1108.6	10	4252.6	1405.7	10	4822.0	1759.0
20	3744.6	1115.1	20	4265.6	1413.5	20	4836.2	1768.2
30	3756.5	1121.7	30	4278.5	1421.2	30	4850.5	1777.4
40	3768.5	1128.2	40	4291.5	1429.0	40	4864.8	1786.7
50	3780.4	1134.8	50	4304.6	1436.8	50	4879.2	1796.0
67	3792.4	1141.4	**74**	4317.6	1444.6	**81**	4893.6	1805.3
10	3804.4	1148.0	10	4330.7	1452.5	10	4908.0	1814.7
20	3816.4	1154.7	20	4343.8	1460.4	20	4922.5	1824.1
30	3828.4	1161.3	30	4356.9	1468.4	30	4937.0	1833.6
40	3840.5	1168.1	40	4370.1	1476.4	40	4951.5	1843.1
50	3852.6	1174.8	50	4383.3	1484.4	50	4966.1	1852.6
68	3864.7	1181.6	**75**	4396.5	1492.4	**82**	4980.7	1862.2
10	3876.8	1188.4	10	4409.8	1500.5	10	4995.4	1871.8
20	3889.0	1195.2	20	4423.1	1508.6	20	5010.0	1881.5
30	3901.2	1202.0	30	4436.4	1516.7	30	5024.8	1891.2
40	3913.4	1208.9	40	4449.7	1524.9	40	5039.5	1900.9
50	3925.6	1215.8	50	4463.1	1533.1	50	5054.3	1910.7
69	3937.9	1222.7	**76**	4476.5	1541.4	**83**	5069.2	1920.5
10	3950.2	1229.7	10	4489.9	1549.7	10	5084.0	1930.4
20	3962.5	1236.7	20	4503.4	1558.0	20	5099.0	1940.3
30	3974.8	1243.7	30	4516.9	1566.3	30	5113.9	1950.3
40	3987.2	1250.8	40	4530.4	1574.7	40	5128.9	1960.2
50	3999.5	1257.9	50	4544.0	1583.1	50	5143.9	1970.3
70	4011.9	1265.0	**77**	4557.6	1591.6	**84**	5159.0	1980.4
10	4024.4	1272.1	10	4571.2	1600.1	10	5174.1	1990.5
20	4036.8	1279.3	20	4584.8	1608.6	20	5189.3	2000.6
30	4049.3	1286.5	30	4598.5	1617.1	30	5204.4	2010.8
40	4061.8	1293.6	40	4612.2	1625.7	40	5219.7	2021.1
50	4074.4	1300.9	50	4626.0	1634.4	50	5234.9	2031.4

Corrections to be Added (T = Tangent. E = External.)

Int. Angle	Curve 5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
60°	T=.21 E=.056	.42 .112	.63 .168	.84 .225	1.05 .283	1.27 .340	1.49 .398	1.71 .457	1.94 .516	2.17 .575	2.38 .636	2.60 .697	2.83 .774	3.07 .851
65°	T=.23 E=.067	.46 .135	.69 .204	.93 .273	1.16 .343	1.40 .412	1.64 .483	1.88 .554	2.13 .625	2.38 .697	2.63 .711	2.88 .845	3.13 .922	3.39 1.01
70°	T=.25 E=.080	.51 .159	.76 .240	1.02 .321	1.28 .403	1.54 .485	1.80 .568	2.06 .652	2.33 .735	2.60 .819	2.88 .906	3.16 .994	3.44 1.08	3.72 1.17
75°	T=.27 E=.095	.56 .182	.83 .286	1.12 .383	1.40 .480	1.69 .578	1.98 .678	2.27 .777	2.57 .877	2.87 .977	3.16 1.07	3.47 1.18	3.78 1.29	4.09 1.39
80°	T=.30 E=.110	.61 .220	.91 .332	1.22 .445	1.53 .558	1.84 .671	2.15 .787	2.46 .903	2.78 1.02	3.10 1.13	3.44 1.25	3.78 1.38	4.12 1.50	4.46 1.62
85°	T=.33 E=.128	.66 .259	1.00 .391	1.33 .524	1.68 .657	2.02 .790	2.36 .926	2.70 1.06	3.05 1.20	3.40 1.34	3.77 1.47	4.14 1.62	4.55 1.76	4.89 1.91

Tangents and Externals to a 1° Curve.
Chord = 100 ft.

Int. Angle	Tangent	External	Int. Angle	Tangent	External	Int. Angle	Tangent	External
85°	5250.3	2041.7	**92°**	5933.2	2518.5	**99°**	6708.6	3092.7
10′	5265.6	2052.1	10′	5950.5	2531.0	10′	6728.4	3107.7
20	5281.0	2062.5	20	5967.9	2543.5	20	6748.2	3122.9
30	5296.4	2073.0	30	5985.3	2556.0	30	6768.1	3138.1
40	5311.9	2083.5	40	6002.7	2568.6	40	6788.1	3153.3
50	5327.4	2094.1	50	6020.2	2581.3	50	6808.2	3168.7
86	5343.0	2104.7	**93**	6037.8	2594.0	**100**	6828.3	3184.1
10	5358.6	2115.3	10	6055.4	2606.8	10	6848.5	3199.6
20	5374.2	2126.0	20	6073.1	2619.7	20	6868.8	3215.1
30	5389.9	2136.7	30	6090.8	2632.6	30	6889.2	3230.8
40	5405.6	2147.5	40	6108.6	2645.5	40	6909.6	3246.5
50	5421.4	2158.4	50	6126.4	2658.5	50	6930.1	3262.3
87	5437.2	2169.2	**94**	6144.3	2671.6	**101**	6950.6	3278.1
10	5453.1	2180.2	10	6162.6	2684.7	10	6971.3	3294.1
20	5469.0	2191.1	20	6180.2	2697.9	20	6992.0	3310.1
30	5484.9	2202.2	30	6198.3	2711.2	30	7012.7	3326.1
40	5500.9	2213.2	40	6216.4	2724.5	40	7033.6	3342.3
50	5517.0	2224.3	50	6234.6	2737.9	50	7054.5	3358.5
88	5533.1	2235.5	**95**	6252.8	2751.3	**102**	7075.5	3374.9
10	5549.2	2246.7	10	6271.1	2764.8	10	7096.6	3391.2
20	5565.4	2258.0	20	6289.4	2778.3	20	7117.8	3407.7
30	5581.6	2269.3	30	6307.9	2792.0	30	7139.0	3424.3
40	5597.8	2280.6	40	6326.3	2805.6	40	7160.3	3440.9
50	5614.2	2292.0	50	6344.8	2819.4	50	7181.7	3457.6
89	5630.5	2303.5	**96**	6363.4	2833.2	**103**	7203.2	3474.4
10	5646.9	2315.0	10	6382.1	2847.0	10	7224.7	3491.3
20	5663.4	2326.6	20	6400.8	2861.0	20	7246.3	3503.2
30	5679.9	2338.2	30	6419.5	2875.0	30	7268.0	3525.2
40	5696.4	2349.8	40	6438.4	2889.0	40	7289.8	3542.4
50	5713.0	2361.5	50	6457.3	2903.1	50	7311.7	3559.6
90	5729.7	2373.3	**97**	6476.2	2917.3	**104**	7333.6	3576.8
10	5746.3	2385.1	10	6495.2	2931.6	10	7355.6	3594.2
20	5763.1	2397.0	20	6514.3	2945.9	20	7377.8	3611.7
30	5779.9	2408.9	30	6533.4	2960.3	30	7399.9	3629.2
40	5796.7	2420.9	40	6552.6	2974.7	40	7422.2	3646.8
50	5813.6	2432.9	50	6571.9	2989.2	50	7444.6	3664.5
91	5830.5	2444.9	**98**	6591.2	3003.8	**105**	7467.0	3682.3
10	5847.5	2457.1	10	6610.6	3018.4	10	7489.6	3700.2
20	5864.6	2469.3	20	6630.1	3033.1	20	7512.2	3718.2
30	5881.7	2481.5	30	6649.6	3047.9	30	7534.9	3736.2
40	5898.8	2493.8	40	6669.2	3062.8	40	7557.7	3754.4
50	5916.0	2506.1	50	6688.8	3077.7	50	7580.5	3772.6

Corrections to be Added (T = Tangent. E. = External.)

Int. Angle	Curve 5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
85°	T=.33	.66	1.00	1.33	1.68	2.02	2.36	2.70	3.05	3.40	3.77	4.14	4.55	4.89
	E=.128	.259	.391	.524	.657	.790	.926	1.06	1.20	1.34	1.47	1.62	1.76	1.91
90°	T=.36	.72	1.09	1.45	1.83	2.20	2.57	2.94	3.32	3.70	4.10	4.50	4.91	5.32
	E=.149	.299	.450	.603	.756	.910	1.07	1.22	1.38	1.54	1.70	1.87	2.03	2.20
95°	T=.39	.79	1.19	1.55	2.00	2.40	2.80	3.20	3.61	4.02	4.49	4.98	5.38	5.83
	E=.174	.350	.522	.706	.985	1.06	1.25	1.43	1.62	1.80	1.99	2.18	2.38	2.58
100°	T=.43	.86	1.30	1.74	2.18	2.62	3.06	3.50	3.95	4.40	4.88	5.37	5.85	6.34
	E=.200	.401	.604	.809	1.01	1.22	1.43	1.64	1.85	2.06	2.28	2.50	2.73	2.96
105°	T=.46	.94	1.42	1.90	2.38	2.87	3.34	3.84	4.35	4.84	5.35	5.87	6.40	6.93
	E=.220	.470	.700	.938	1.17	1.42	1.65	1.90	2.14	2.39	2.64	2.90	3.16	3.41

Tangents and Externals to a 1° Curve.
Chord = 100 ft.

Int. Angle	Tangent	External	Int. Angle	Tangent	External	Int. Angle	Tangent	External
106°	7603.5	3791.0	**111°**	8336.7	4386.1	**116°**	9169.4	5082.7
10′	7626.6	3809.4	10′	8362.7	4407.6	10′	9199.1	5107.9
20	7649.7	3827.9	20	8388.9	4429.2	20	9229.0	5133.3
30	7672.9	3846.5	30	8415.1	4450.9	30	9259.0	5158.8
40	7696.3	3865.2	40	8441.5	4472.7	40	9289.2	5184.5
50	7719.7	3884.0	50	8468.0	4494.6	50	9319.5	5210.3
107	7743.2	3902.9	**112**	8494.6	4516.6	**117**	9349.9	5236.2
10	7766.8	3921.9	10	8521.3	4538.8	10	9380.5	5262.3
20	7790.5	3940.9	20	8548.1	4561.1	20	9411.3	5288.6
30	7814.3	3960.1	30	8575.0	4583.4	30	9442.2	5315.0
40	7838.1	3979.4	40	8602.1	4606.0	40	9473.2	5341.5
50	7862.1	3998.7	50	8629.3	4628.6	50	9504.4	5368.2
108	7886.2	4018.2	**113**	8656.6	4651.3	**118**	9535.7	5395.1
10	7910.4	4037.8	10	8684.0	4674.2	10	9567.2	5422.1
20	7934.6	4057.4	20	8711.5	4697.2	20	9598.9	5449.2
30	7959.0	4077.2	30	8739.2	4720.3	30	9630.7	5476.5
40	7983.5	4097.1	40	8767.0	4743.6	40	9662.6	5504.0
50	8008.0	4117.0	50	8794.9	4766.9	50	9694.7	5531.7
109	8032.7	4137.1	**114**	8822.9	4790.4	**119**	9727.0	5559.4
10	8057.4	4157.3	10	8851.0	4814.1	10	9759.4	5587.4
20	8082.3	4177.5	20	8879.3	4837.8	20	9792.0	5615.5
30	8107.3	4197.9	30	8907.7	4861.7	30	9824.8	5643.8
40	8132.3	4218.4	40	8936.3	4885.7	40	9857.7	5672.3
50	8157.5	4239.0	50	8965.0	4909.9	50	9890.8	5700.9
110	8182.8	4259.7	**115**	8993.8	4934.1	**120**	9924.0	5729.7
10	8208.2	4280.5	10	9022.7	4958.6	10	9957.5	5758.6
20	8233.7	4301.4	20	9051.7	4983.1	20	9991.0	5787.7
30	8259.3	4322.4	30	9080.9	5007.8	30	10025.0	5817.0
40	8285.0	4343.6	40	9110.3	5032.6	40	10059.0	5846.5
50	8310.8	4364.8	50	9139.8	5057.6	50	10093.0	5876.1

Corrections to be Added (T = Tangent. E = External.)

Int. Angle	Curve 5°	10°	15°	20°	25°	30°	35°	40°	45°	50°	55°	60°	65°	70°
100°	T=.43	.86	1.30	1.74	2.18	2.62	3.06	3.50	3.95	4.40	4.88	5.37	5.85	6.34
	E=.200	.401	.604	.809	1.01	1.22	1.43	1.64	1.85	2.06	2.28	2.50	2.73	2.96
105°	T=.46	.94	1.42	1.90	2.38	2.87	3.34	3.84	4.35	4.84	5.35	5.87	6.40	6.93
	E=.230	.470	.700	.938	1.17	1.42	1.65	1.90	2.14	2.39	2.64	2.90	3.16	3.41
110°	T=.50	1.03	1.55	2.08	2.60	3.14	3.66	4.21	4.76	5.31	5.86	6.43	7.01	7.59
	E=.260	.535	.808	1.08	1.36	1.63	1.91	2.19	2.49	2.61	3.05	3.35	3.65	3.95
115°	T=.54	1.13	1.70	2.29	2.86	3.45	4.03	4.63	5.23	5.83	6.44	7.07	7.70	8.35
	E=.307	.624	.939	1.26	1.57	1.89	2.21	2.54	2.87	3.20	3.53	3.88	4.23	4.58
120°	T=.61	1.25	1.89	2.52	3.16	3.81	4.44	5.11	5.78	6.44	7.11	7.80	8.51	9.21
	E=.339	.720	1.08	1.45	1.82	2.20	2.56	2.95	3.33	3.72	4.10	4.50	4.91	5.32

Radii, Ordinates and Deflections. Chord = 100 ft.

Deg.	Radius	Mid. Ord.	Tan. Dist.	Def. Dist.	Def. for 1 Ft.	Deg.	Radius	Mid. Ord.	Tan. Dist.	Def. Dist.	Def. for 1 Ft.
	ft.	ft.	ft.	ft.			ft.	ft.	ft.	ft.	′
0° 10′	34377.	.036	.145	.291	0.05	7°	819.0	1.528	6.105	12.21	2.10
20	17189.	.073	.291	.582	0.10	20′	781.8	1.600	6.395	12.79	2.20
30	11459.	.109	.436	.873	0.15	30	764.5	1.637	6.540	13.08	2.25
40	8594.4	.145	.582	1.164	0.20	40	747.9	1.673	6.685	13.37	2.30
50	6875.5	.182	.727	1.454	0.25	8	716.8	1.746	6.976	13.95	2.40
1	5729.6	.218	.873	1.745	0.30	20	688.2	1.819	7.266	14.53	2.50
10	4911.2	.255	1.018	2.036	0.35	30	674.7	1.855	7.411	14.82	2.55
20	4297.3	.291	1.164	2.327	0.40	40	661.7	1.892	7.556	15.11	2.60
30	3819.8	.327	1.309	2.618	0.45	9	637.3	1.965	7.846	15.69	2.70
40	3437.9	.364	1.454	2.909	0.50	20	614.6	2.037	8.136	16.27	2.80
50	3125.4	.400	1.600	3.200	0.55	30	603.8	2.074	8.281	16.56	2.85
2	2864.9	.436	1.745	3.490	0.60	40	593.4	2.110	8.426	16.85	2.90
10	2644.6	.473	1.891	3.781	0.65	10	573.7	2.183	8.716	17.43	3.00
20	2455.7	.509	2.036	4.072	0.70	30	546.4	2.292	9.150	18.30	3.15
30	2292.0	.545	2.181	4.363	0.75	11	521.7	2.402	9.585	19.16	3.30
40	2148.8	.582	2.327	4.654	0.80	30	499.1	2.511	10.02	20.04	3.45
50	2022.4	.618	2.472	4.945	0.85	12	478.3	2.620	10.45	20.91	3.60
3	1910.1	.655	2.618	5.235	0.90	30	459.3	2.730	10.89	21.77	3.75
10	1809.6	.691	2.763	5.526	0.95	13	441.7	2.839	11.32	22.64	3.90
20	1719.1	.727	2.908	5.817	1.00	30	425.4	2.949	11.75	23.51	4.05
30	1637.3	.764	3.054	6.108	1.05	14	410.3	3.058	12.18	24.37	4.20
40	1562.9	.800	3.199	6.398	1.10	30	396.2	3.168	12.62	25.24	4.35
50	1495.0	.836	3.345	6.689	1.15	15	383.1	3.277	13.05	26.11	4.50
4	1432.7	.873	3.490	6.980	1.20	30	370.8	3.387	13.49	26.97	4.65
10	1375.4	.909	3.635	7.271	1.25	16	359.3	3.496	13.92	27.84	4.80
20	1322.5	.945	3.718	7.561	1.30	30	348.5	3.606	14.35	28.70	4.95
30	1273.6	.982	3.926	7.852	1.35	17	338.3	3.716	14.78	29.56	5.10
40	1228.1	1.018	4.071	8.143	1.40	18	319.6	3.935	15.64	31.29	5.40
50	1185.8	1.055	4.217	8.433	1.45	19	302.9	4.155	16.51	33.01	5.70
5	1146.3	1.091	4.362	8.724	1.50	20	287.9	4.374	17.37	34.73	6.00
10	1109.3	1.127	4.507	9.014	1.55	21	274.4	4.594	18.22	36.44	6.30
20	1074.7	1.164	4.653	9.305	1.60	22	262.0	4.814	19.08	38.16	6.60
30	1042.1	1.200	4.798	9.596	1.65	23	250.8	5.035	19.94	39.87	6.90
40	1011.5	1.237	4.943	9.886	1.70	24	240.5	5.255	20.79	41.58	7.20
50	982.6	1.273	5.088	10.18	1.75	25	231.0	5.476	21.64	43.28	7.50
6	955.4	1.309	5.234	10.47	1.80	26	222.3	5.697	22.50	44.99	7.80
10	929.6	1.346	5.379	10.76	1.85	27	214.2	5.918	23.35	46.69	8.10
20	905.1	1.382	5.524	11.05	1.90	28	206.7	6.139	24.19	48.38	8.40
30	881.9	1.418	5.669	11.34	1.95	29	199.7	6.360	25.04	50.07	8.70
40	859.9	1.455	5.814	11.63	2.00	30	193.2	6.583	25.88	51.76	9.00

The middle ordinate in inches for any cord of length (C) is equal to .0012 C^2 multiplied by the middle ordinate taken from the above table. Thus, if it desired to bend a 30 ft. rail to fit a 10 degree curve, its middle ordinate should be .0012×900×2.183 or 2.36 inches.

TABLE III. Deflections for Sub Chords for Short Radius Curves.

Degree of Curve	Radius 50	$\frac{\frac{1}{2}\text{ sub chord}}{R}$ = sin of ½ def. angle				Length of arc for 100 ft.
	sin. ½ def. ang.	12.5 Ft.	15 Ft.	20 Ft.	25 Ft.	
30°	193.18	1° 51′	2° 17′	2° 58′	3° 43′	101.15
32°	181.39	1° 59′	2° 25′	3° 10′	3° 58′	101.33
34°	171.01	2° 06′	2° 33′	3° 21′	4° 12′	101.48
36°	161.80	2° 13′	2° 41′	3° 33′	4° 26′	101.66
38°	153.58	2° 20′	2° 49′	3° 44′	4° 40′	101.85
40°	146.19	2° 27′	2° 57′	3° 55′	4° 54′	102.06
42°	139.52	2° 34′	3° 05′	4° 07′	5° 08	102.29
44°	133.47	2° 41′	3° 13′	4° 18′	5° 22′	102.53
46°	127.97	2° 48′	3° 21′	4° 29′	5° 36′	102.76
48°	122.92	2° 55′	3° 29′	4° 40′	5° 50′	103.00
50°	118.31	3° 02′	3° 38′	4° 51′	6° 04′	103.24
52°	114.06	3° 09′	3° 46′	5° 02′	6° 17′	103.54
54°	110.11	3° 16′	3° 54′	5° 13′	6° 31′	103.84
56°	106.50	3° 22′	4° 02′	5° 23′	6° 44′	104.14
58°	103.14	3° 29′	4° 10′	5° 34′	6° 57′	104.43
60°	100.00	3° 35′	4° 18′	5° 44′	7° 11′	104.72

$T = R \tan \frac{1}{2} I$

$T = \frac{50 \tan \frac{1}{2} I}{\text{Sin.} \frac{1}{2} D}$

$\text{Sin.} \frac{1}{2} D = \frac{50}{R}$

$\text{Sin.} \frac{1}{2} D = \frac{50 \tan \frac{1}{2} I}{T}$

$R = T \cot. \frac{1}{2} I$

$R = \frac{50}{\text{Sin.} \frac{1}{2} D}$

$E = R \text{ ex. sec } \frac{1}{2} I$

$E = T \tan \frac{1}{4} I$

$\text{Chord def.} = \frac{\text{chord}^2}{R}$

$\text{No. chords} = \frac{I}{D}$

$\text{Tan. def.} = \frac{1}{2} \text{ chord def.}$

The square of any distance, divided by twice the radius, will equal the distance from tangent to curve. very nearly.

To find angle for a given distance and deflection.

Rule 1. Multiply the given distance by .01745 (def. for 1° for 1 ft.) and divide given deflection by the product.

Rule 2. Multiply given deflection by 57.3, and divide the product by the given distance.

To find deflection for a given angle and distance. Multiply the angle by .01745, and the product by the distance.

GENERAL DATA

Right Angle Triangles. Square the altitude, divide by twice the base. Add quotient to base for hypotenuse.

Given Base 100, Alt. $10.10^2 \div 200 = .5$. $100 + .5 = 100.5$ hyp.

Given Hyp. 100, Alt. $25.25^2 \div 200 = 3.125$. $100 - 3.125 = 96.875 =$ Base.

Error in first example, .002; in last, .045.

To find Tons of Rail in one mile of track: multiply weight per yard by 11, and divide by 7.

Leveling. The correction for curvature and refraction, in feet and decimals of feet is equal to $0.574\,d^2$, where d is the distance in miles. The correction for curvature alone is closely, $\frac{2}{3}d^2$. The combined correction is negative.

Probable Error. If d_1, d_2, d_3, etc. are the discrepancies of various results from the mean, and if Σd^2=the sum of the squares of these differences and n=the number of observations, then the probable error of the mean= $\pm 0.6745\sqrt{\frac{\Sigma d^2}{n(n-1)}}$

MINUTES IN DECIMALS OF A DEGREE

1′	.0167	11′	.1833	21′	.3500	31′	.5167	41′	.6833	51′	.8500
2	.0333	12	.2000	22	.3667	32	.5333	42	.7000	52	.8667
3	.0500	13	.2167	23	.3833	33	.5500	43	.7167	53	.8833
4	.0667	14	.2333	24	.4000	34	.5667	44	.7333	54	.9000
5	.0833	15	.2500	25	.4167	35	.5833	45	.7500	55	.9167
6	.1000	16	.2667	26	.4333	36	.6000	46	.7667	56	.9333
7	.1167	17	.2833	27	.4500	37	.6167	47	.7833	57	.9500
8	.1333	18	.3000	28	.4667	38	.6333	48	.8000	58	.9667
9	.1500	19	.3167	29	.4833	39	.6500	49	.8167	59	.9833
10	.1667	20	.3333	30	.5000	40	.6667	50	.8333	60	1.0000

INCHES IN DECIMALS OF A FOOT

1-16	3-32	⅛	3-16	¼	5-16	⅜	½	⅝	¾	⅞
.0052	.0078	.0104	.0156	.0208	.0260	.0313	.0417	.0521	.0625	.0729

1	2	3	4	5	6	7	8	9	10	11
.0833	.1667	.2500	.3333	.4167	.5000	.5833	.6667	.7500	.8333	.9167

Natural Trigonometrical Functions

Angle. ° ′	Sin.	Tan.	Sec.	Cosec.	Cotg.	Cosin.	
0	0	0	1.	∞	∞	1.	90
10	.0029	.0029		343.8	343.8	1.	50
20	.0058	.0058		171.9	171.9	.99998	40
30	.0087	.0087		114.6	114.6	.99996	30
40	.0116	.0116	1.0001	85.94	85.94	.99993	20
50	.0145	.0145	1.0001	68.76	68.75	.99989	10
1	.0175	.0175	1.0002	57.30	57.29	.99985	89
10	.0204	.0204	1.0002	49.11	49.10	.99979	50
20	.0233	.0233	1.0003	42.98	42.96	.99973	40
30	.0262	.0262	1.0003	38.20	38.19	.99966	30
40	.0291	.0291	1.0004	34.38	34.37	.99958	20
50	.0320	.0320	1.0005	31.26	31.24	.99949	10
2	.0349	.0349	1.0006	28.65	28.64	.99939	88
10	.0378	.0378	1.0007	26.45	26.43	.99929	50
20	.0407	.0407	1.0008	24.56	24.54	.99917	40
30	.0436	.0437	1.0010	22.93	22.90	.99905	30
40	.0465	.0466	1.0011	21.49	21.47	.99892	20
50	.0494	.0495	1.0012	20.23	20.21	.99878	10
3	.0523	.0524	1.0014	19.11	19.08	.99863	87
10	.0552	.0553	1.0015	18.10	18.07	.99847	50
20	.0581	.0582	1.0017	17.20	17.17	.99831	40
30	.0610	.0612	1.0019	16.38	16.35	.99813	30
40	.0640	.0641	1.0020	15.64	15.60	.99795	20
50	.0669	.0670	1.0022	14.96	14.92	.99776	10
4	.0698	.0699	1.0024	14.34	14.30	.99756	86
10	.0727	.0729	1.0027	13.76	13.73	.99736	50
20	.0756	.0758	1.0029	13.23	13.20	.99714	40
30	.0785	.0787	1.0031	12.75	12.71	.99692	30
40	.0814	.0816	1.0033	12.29	12.25	.99668	20
50	.0843	.0846	1.0036	11.87	11.83	.99644	10
5	.0872	.0875	1.0038	11.47	11.43	.99619	85
10	.0901	.0904	1.0041	11.10	11.06	.99594	50
20	.0929	.0934	1.0043	10.76	10.71	.99567	40
30	.0958	.0963	1.0046	10.43	10.39	.99540	30
40	.0987	.0992	1.0049	10.13	10.08	.99511	20
50	.1016	.1022	1.0052	9.839	9.788	.99482	10
6	.1045	.1051	1.0055	9.567	9.514	.99452	84
10	.1074	.1080	1.0058	9.309	9.255	.99421	50
20	.1103	.1110	1.0061	9.065	9.010	.99390	40
30	.1132	.1139	1.0065	8.834	8.777	.99357	30
40	.1161	.1169	1.0068	8.614	8.556	.99324	20
50	.1190	.1198	1.0072	8.405	8.345	.99290	10
7	.1219	.1228	1.0075	8.206	8.144	.99255	83
10	.1248	.1257	1.0079	8.016	7.953	.99219	50
20	.1276	.1287	1.0082	7.834	7.770	.99182	40
30	.1305	.1317	1.0086	7.661	7.596	.99144	30
40	.1334	.1346	1.0090	7.496	7.429	.99106	20
50	.1363	.1376	1.0094	7.337	7.269	.99067	10
							82 ° ′
	Cosin.	Cotg.	Cosec.	Sec.	Tan.	Sin.	Angle

Angle. ° ′	Sin.	Tan.	Sec.	Cosec.	Cotg.	Cosin.	
8	.1392	.1405	1.0098	7.185	7.115	.99027	82
10	.1421	.1435	1.0102	7.040	6.968	.98986	50
20	.1449	.1465	1.0107	6.900	6.827	.98944	40
30	.1478	.1495	1.0111	6.766	6.691	.98902	30
40	.1507	.1524	1.0115	6.636	6.561	.98858	20
50	1536	.1554	1.0120	6.512	6.435	.98814	10
9	.1564	.1584	1.0125	6.394	6.314	.98769	81
10	.1593	.1614	1.0129	6.277	6.197	.98723	50
20	.1622	.1644	1.0134	6.166	6.084	.98676	40
30	.1650	.1673	1.0139	6.059	5.976	.98629	30
40	.1679	.1703	1.0144	5.955	5.871	.98580	20
50	.1708	.1733	1.0149	5.855	5.769	.98531	10
10	.1736	.1763	1.0154	5.759	5.671	.98481	80
10	.1765	.1793	1.0160	5.665	5.576	.98430	50
20	.1794	.1823	1.0165	5.575	5.485	.98378	40
30	.1822	.1853	1.0170	5.488	5.396	.98325	30
40	.1851	.1883	1.0176	5.403	5.309	.98272	20
50	.1880	.1914	1.0181	5.320	5.226	.98218	10
11	.1908	.1944	1.0187	5.241	5.145	.98163	79
10	.1937	.1974	1.0193	5.164	5.066	.98107	50
20	.1965	.2004	1.0199	5.089	4.989	.98050	40
30	.1994	.2035	1.0205	5.016	4.915	.97992	30
40	.2022	.2065	1.0211	4.945	4.843	.97934	20
50	.2051	.2095	1.0217	4.877	4.773	.97875	10
12	.2079	.2126	1.0223	4.810	4.705	.97815	78
10	.2108	.2156	1.0230	4.745	4.638	.97754	50
20	.2136	.2186	1.0236	4.682	4.574	.97692	40
30	.2164	.2217	1.0243	4.620	4.511	.97630	30
40	.2193	.2247	1.0249	4.560	4.449	.97566	20
50	.2221	.2278	1.0256	4.502	4.390	.97502	10
13	.2250	.2309	1.0263	4.445	4.331	.97437	77
10	.2278	.2339	1.0270	4.390	4.275	.97371	50
20	.2306	.2370	1.0277	4.336	4.219	.97304	40
30	.2334	.2401	1.0284	4.284	4.165	.97237	30
40	.2363	.2432	1.0291	4.232	4.113	.97169	20
50	.2391	.2462	1.0299	4.182	4.061	.97100	10
14	.2419	.2493	1.0306	4.133	4.011	.97030	76
10	.2447	.2524	1.0314	4.086	3.962	.96959	50
20	.2476	.2555	1.0321	4.039	3.914	.96887	40
30	.2504	.2586	1.0329	3.994	3.867	.96815	30
40	.2532	.2617	1.0337	3.949	3.821	.96742	20
50	.2560	.2648	1.0345	3.906	3.776	.96667	10
15	.2588	.2679	1.0353	3.864	3.732	.96593	75
10	.2616	.2711	1.0361	3.822	3.689	.96517	50
20	.2644	.2742	1.0369	3.782	3.647	.96440	40
30	.2672	.2773	1.0377	3.742	3.606	.96363	30
40	.2700	.2805	1.0386	3.703	3.566	.96285	20
50	.2728	.2836	1.0394	3.665	3.526	.96206	10
							74 ° ′
	Cosin.	Cotg.	Cosec.	Sec.	Tan.	Sin.	Angle

Natural Trigonometrical Functions

Angle. ° ′	Sin.	Tan.	Sec.	Cosec.	Cotg.	Cosin.	Angle. ° ′	Sin.	Tan.	Sec.	Cosec.	Cotg.	Cosin.
16	.2756	.2867	1.0403	3.628	3.487	.96126	74	24	.4067	.4452	1.0946	2.459	2.246	.91355	66
10	.2784	.2899	1.0412	3.592	3.450	.96046	50	10	.4094	.4487	1.0961	2.443	2.229	.91236	50
20	.2812	.2931	1.0423	3.556	3.412	.95964	40	20	.4120	.4522	1.0975	2.427	2.211	.91116	40
30	.2840	.2962	1.0429	3.521	3.376	.95882	30	30	.4147	.4557	1.0989	2.411	2.194	.90996	30
40	.2868	.2994	1.0438	3.487	3.340	.95799	20	40	.4173	.4592	1.1004	2.396	2.177	.90875	20
50	.2896	.3026	1.0448	3.453	3.305	.95715	10	50	.4200	.4628	1.1019	2.381	2.161	.90753	10
17	.2924	.3057	1.0457	3.420	3.271	.95630	73	25	.4226	.4663	1.1034	2.366	2.145	.90631	65
10	.2952	.3089	1.0466	3.388	3.237	.95545	50	10	.4253	.4699	1.1049	2.351	2.128	.90507	50
20	.2979	.3121	1.0476	3.357	3.204	.95459	40	20	.4279	.4734	1.1064	2.337	2.112	.90383	40
30	.3007	.3153	1.0485	3.326	3.172	.95372	30	30	.4305	.4770	1.1079	2.323	2.097	.90259	30
40	.3035	.3185	1.0495	3.295	3.140	.95284	20	40	.4331	.4806	1.1095	2.309	2.081	.90133	20
50	.3062	.3217	1.0505	3.265	3.108	.95195	10	50	.4358	.4841	1.1110	2.295	2.066	.90007	10
18	.3090	.3249	1.0515	3.236	3.078	.95106	72	26	.4384	.4877	1.1126	2.281	2.050	.89879	64
10	.3118	.3281	1.0525	3.207	3.048	.95015	50	10	.4410	.4913	1.1142	2.268	2.035	.89752	50
20	.3145	.3314	1.0535	3.179	3.018	.94924	40	20	.4436	.4950	1.1158	2.254	2.020	.89623	40
30	.3173	.3346	1.0545	3.152	2.989	.94832	30	30	.4462	.4986	1.1174	2.241	2.006	.89493	30
40	.3201	.3378	1.0555	3.124	2.960	.94740	20	40	.4488	.5022	1.1190	2.228	1.991	.89363	20
50	.3228	.3411	1.0566	3.098	2.932	.94646	10	50	.4514	.5059	1.1207	2.215	1.977	.89232	10
19	.3256	.3443	1.0576	3.072	2.904	.94552	71	27	.4540	.5095	1.1223	2.203	1.963	.89101	63
10	.3283	.3476	1.0587	3.046	2.877	.94457	50	10	.4566	.5132	1.1240	2.190	1.949	.88968	50
20	.3311	.3508	1.0598	3.020	2.850	.94361	40	20	.4592	.5169	1.1257	2.178	1.935	.88835	40
30	.3338	.3541	1.0608	2.996	2.824	.94264	30	30	.4617	.5206	1.1274	2.166	1.921	.88701	30
40	.3365	.3574	1.0619	2.971	2.798	.94167	20	40	.4643	.5243	1.1291	2.154	1.907	.88566	20
50	.3393	.3607	1.0631	2.947	2.773	.94068	10	50	.4669	.5280	1.1308	2.142	1.894	.88431	10
20	.2420	.3640	1.0642	2.924	2.747	.93969	70	28	.4695	.5317	1.1326	2.130	1.881	.88295	62
10	.3448	.3673	1.0653	2.900	2.723	.93869	50	10	.4720	.5354	1.1343	2.119	1.868	.88158	50
20	.3475	.3706	1.0665	2.878	2.699	.93769	40	20	.4746	.5392	1.1361	2.107	1.855	.88020	40
30	.3502	.3739	1.0676	2.856	2.675	.93667	30	30	.4772	.5430	1.1379	2.096	1.842	.87882	30
40	.3529	.3772	1.0688	2.833	2.651	.93565	20	40	.4797	.5467	1.1397	2.085	1.829	.87743	20
50	.3557	.3805	1.0700	2.811	2.628	.93462	10	50	.4823	.5505	1.1415	2.073	1.816	.87603	10
21	.3584	.3839	1.0711	2.790	2.605	.93358	69	29	.4848	.5543	1.1434	2.063	1.804	.87462	61
10	.3611	.3872	1.0723	2.769	2.583	.93253	50	10	.4874	.5581	1.1452	2.052	1.792	.87321	50
20	.3638	.3906	1.0736	2.749	2.560	.93148	40	20	.4899	.5619	1.1471	2.041	1.780	.87178	40
30	.3665	.3939	1.0748	2.729	2.539	.93042	30	30	.4924	.5658	1.1490	2.031	1.767	.87036	30
40	.3692	.3973	1.0760	2.709	2.517	.92935	20	40	.4950	.5696	1.1509	2.020	1.756	.86892	20
50	.3719	.4006	1.0773	2.689	2.496	.92827	10	50	.4975	.5735	1.1528	2.010	1.744	.86748	10
22	.3746	.4040	1.0785	2.670	2.475	.92718	68	30	.5000	.5774	1.1547	2.000	1.732	.86603	60
10	.3773	.4074	1.0798	2.650	2.455	.92609	50	10	.5025	.5812	1.1566	1.990	1.720	.86457	50
20	.3800	.4108	1.0811	2.632	2.434	.92499	40	20	.5050	.5851	1.1586	1.980	1.709	.86310	40
30	.3827	.4142	1.0824	2.613	2.414	.92388	30	30	.5075	.5890	1.1606	1.970	1.698	.86163	30
40	.3854	.4176	1.0837	2.595	2.394	.92276	20	40	.5100	.5930	1.1626	1.961	1.686	.86015	20
50	.3881	.4210	1.0850	2.577	2.375	.92164	10	50	.5125	.5969	1.1646	1.951	1.675	.85866	10
23	.3907	.4245	1.0864	2.559	2.356	.92050	67	31	.5150	.6009	1.1666	1.942	1.664	.85717	59
10	.3934	.4279	1.0877	2.542	2.337	.91936	50	10	.5175	.6048	1.1687	1.932	1.653	.85567	50
20	.3961	.4314	1.0891	2.525	2.318	.91822	40	20	.5200	.6088	1.1707	1.923	1.643	.85416	40
30	.3987	.4348	1.0904	2.508	2.300	.91706	30	30	.5225	.6128	1.1728	1.914	1.632	.85264	30
40	.4014	.4383	1.0918	2.491	2.282	.91590	20	40	.5250	.6168	1.1749	1.905	1.621	.85112	20
50	.4041	.4417	1.0932	2.475	2.264	.91472	10	50	.5275	.6208	1.1770	1.896	1.611	.84959	10
							66 ° ′								58 °
Cosin.	Cotg.	Cosec.	Sec.	Tan.	Sin.		Angle	Cosin.	Cotg.	Cosec.	Sec.	Tan.	Sin.		Angle

Natural Trigonometrical Functions

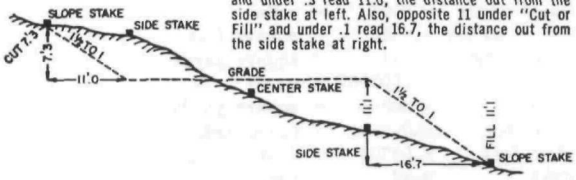
Angle. ° ′	Sin.	Tan.	Sec.	Cosec.	Cotg.	Cosin.	° ′
32	.5299	.6249	1.1792	1.887	1.600	.84805	58
10	.5324	.6289	1.1813	1.878	1.590	.84650	50
20	.5348	.6330	1.1835	1.870	1.580	.84495	40
30	.5373	.6371	1.1857	1.861	1.570	.84339	30
40	.5398	.6412	1.1879	1.853	1.560	.84182	20
50	.5422	.6453	1.1901	1.844	1.550	.84025	10
33	.5446	.6494	1.1924	1.836	1.540	.83867	57
10	.5471	.6536	1.1946	1.828	1.530	.83708	50
20	.5495	.6577	1.1969	1.820	1.520	.83549	40
30	.5519	.6619	1.1992	1.812	1.511	.83389	30
40	.5544	.6661	1.2015	1.804	1.501	.83228	20
50	.5568	.6703	1.2039	1.796	1.492	.83066	10
34	.5592	.6745	1.2062	1.788	1.483	.82904	56
10	.5616	.6787	1.2086	1.781	1.473	.82741	50
20	.5640	.6830	1.2110	1.773	1.464	.82577	40
30	.5664	.6873	1.2134	1.766	1.455	.82413	30
40	.5688	.6916	1.2158	1.758	1.446	.82248	20
50	.5712	.6959	1.2183	1.751	1.437	.82082	10
35	.5736	.7002	1.2208	1.743	1.428	.81915	55
10	.5760	.7046	1.2233	1.736	1.419	.81748	50
20	.5783	.7089	1.2258	1.729	1.411	.81580	40
30	.5807	.7133	1.2283	1.722	1.402	.81412	30
40	.5831	.7177	1.2309	1.715	1.393	.81242	20
50	.5854	.7221	1.2335	1.708	1.385	.81072	10
36	.5878	.7265	1.2361	1.701	1.376	.80902	54
10	.5901	.7310	1.2387	1.695	1.368	.80730	50
20	.5925	.7355	1.2413	1.688	1.360	.80558	40
30	.5948	.7400	1.2440	1.681	1.351	.80386	30
40	.5972	.7445	1.2466	1.675	1.343	.80212	20
50	.5995	.7490	1.2494	1.668	1.335	.80038	10
37	.6018	.7536	1.2521	1.662	1.327	.79864	53
10	.6041	.7581	1.2549	1.655	1.319	.79688	50
20	.6065	.7627	1.2577	1.649	1.311	.79512	40
30	.6088	.7673	1.2605	1.643	1.303	.79335	30
40	.6111	.7720	1.2633	1.636	1.295	.79158	20
50	.6134	.7766	1.2661	1.630	1.288	.78980	10
38	.6157	.7813	1.2690	1.624	1.280	.78801	52
10	.6180	.7860	1.2719	1.618	1.272	.78622	50
20	.6202	.7907	1.2748	1.612	1.265	.78442	40
30	.6225	.7954	1.2778	1.606	1.257	.78261	30
40	.6248	.8002	1.2808	1.601	1.250	.78079	20
50	.6271	.8050	1.2838	1.595	1.242	.77897	10
	Cosin.	Cotg.	Cosec.	Sec.	Tan.	Sin.	Angle

Angle. ° ′	Sin.	Tan.	Sec.	Cosec.	Cotg.	Cosin.	° ′
39	.6293	.8098	1.2868	1.589	1.235	.77715	51
10	.6316	.8146	1.2898	1.583	1.228	.77531	50
20	.6338	.8195	1.2929	1.578	1.220	.77347	40
30	.6361	.8243	1.2959	1.572	1.213	.77162	30
40	.6383	.8292	1.2991	1.567	1.206	.76977	20
50	.6406	.8342	1.3022	1.561	1.199	.76791	10
40	.6428	.8391	1.3054	1.556	1.192	.76604	50
10	.6450	.8441	1.3086	1.550	1.185	.76417	50
20	.6472	.8491	1.3118	1.545	1.178	.76229	40
30	.6494	.8541	1.3151	1 540	1.171	.76041	30
40	.6517	.8591	1.3184	1.535	1.164	.75851	20
50	.6539	.8642	1.3217	1.529	1.157	.75661	10
41	.6561	.8693	1.3251	1.524	1.150	.75471	49
10	.6583	.8744	1.3284	1.519	1.144	.75280	50
20	.6604	.8796	1.3318	1.514	1.137	.75088	40
30	.6626	.8847	1.3352	1.509	1.130	.74896	30
40	.6648	.8899	1.3386	1.504	1.124	.74703	20
50	.6670	.8952	1.3421	1.499	1.117	.74509	10
42	.6691	.9004	1.3456	1.494	1.111	.74314	48
10	.6713	.9057	1.3492	1.490	1.104	.74120	50
20	.6734	.9110	1.3527	1.485	1.098	.73924	40
30	.6756	.9163	1.3563	1.480	1.091	.73728	30
40	.6777	.9217	1.3600	1.476	1.085	.73531	20
50	.6799	.9271	1.3636	1.471	1.079	.73333	10
43	.6820	.9325	1.3673	1.466	1.072	.73135	47
10	.6841	.9380	1.3711	1.462	1.066	.72937	50
20	.6862	.9435	1.3748	1.457	1.060	.72737	40
30	.6884	.9490	1.3786	1.453	1.054	.72537	30
40	.6905	.9545	1.3824	1.448	1.048	.72337	20
50	.6926	.9601	1.3863	1.444	1.042	.72136	10
44	.6947	.9657	1.3902	1.440	1.036	.71934	46
10	.6967	.9713	1.3941	1.435	1.030	.71732	50
20	.6988	.9770	1.3980	1.431	1.024	.71529	40
30	.7009	.9827	1.4020	1.427	1.018	.71325	30
40	.7030	.9884	1.4061	1.422	1.012	.71121	20
50	.7050	.9942	1.4101	1.418	1.006	.70916	10
	.7071	1.	1.414	1.414	1.	.70711	45
	Cosin.	Cotg.	Cosec.	Sec.	Tan.	Sin.	Angle

DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING

Roadway of any Width. Side Slopes 1½ to 1.

In the figure below: opposite 7 under "Cut or Fill" and under .3 read 11.0, the distance out from the side stake at left. Also, opposite 11 under "Cut or Fill" and under .1 read 16.7, the distance out from the side stake at right.



Cut or Fill	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	Cut or Fill
	Distance out from Side or Shoulder Stake										
0	0.0	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	0
1	1.5	1.7	1.8	2.0	2.1	2.3	2.4	2.6	2.7	2.9	1
2	3.0	3.2	3.3	3.5	3.6	3.8	3.9	4.1	4.2	4.4	2
3	4.5	4.7	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	3
4	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	4
5	7.5	7.7	7.8	8.0	8.1	8.3	8.4	8.6	8.7	8.9	5
6	9.0	9.2	9.3	9.5	9.6	9.8	9.9	10.1	10.2	10.4	6
7	10.5	10.7	10.8	11.0	11.1	11.3	11.4	11.6	11.7	11.9	7
8	12.0	12.2	12.3	12.5	12.6	12.8	12.9	13.1	13.2	13.4	8
9	13.5	13.7	13.8	14.0	14.1	14.3	14.4	14.6	14.7	14.9	9
10	15.0	15.2	15.3	15.5	15.6	15.8	15.9	16.1	16.2	16.4	10
11	16.5	16.7	16.8	17.0	17.1	17.3	17.4	17.6	17.7	17.9	11
12	18.0	18.2	18.3	18.5	18.6	18.8	18.9	19.1	19.2	19.4	12
13	19.5	19.7	19.8	20.0	20.1	20.3	20.4	20.6	20.7	20.9	13
14	21.0	21.2	21.3	21.5	21.6	21.8	21.9	22.1	22.2	22.4	14
15	22.5	22.7	22.8	23.0	23.1	23.3	23.4	23.6	23.7	23.9	15
16	24.0	24.2	24.3	24.5	24.6	24.8	24.9	25.1	25.2	25.4	16
17	25.5	25.7	25.8	26.0	26.1	26.3	26.4	26.6	26.7	26.9	17
18	27.0	27.2	27.3	27.5	27.6	27.8	27.9	28.1	28.2	28.4	18
19	28.5	28.7	28.8	29.0	29.1	29.3	29.4	29.6	29.7	29.9	19
20	30.0	30.2	30.3	30.5	30.6	30.8	30.9	31.1	31.2	31.4	20
21	31.5	31.7	31.8	32.0	32.1	32.3	32.4	32.6	32.7	32.9	21
22	33.0	33.2	33.3	33.5	33.6	33.8	33.9	34.1	34.2	34.4	22
23	34.5	34.7	34.8	35.0	35.1	35.3	35.4	35.6	35.7	35.9	23
24	36.0	36.2	36.3	36.5	36.6	36.8	36.9	37.1	37.2	37.4	24
25	37.5	37.7	37.8	38.0	38.1	38.3	38.4	38.6	38.7	38.9	25
26	39.0	39.2	39.3	39.5	39.6	39.8	39.9	40.1	40.2	40.4	26
27	40.5	40.7	40.8	41.0	41.1	41.3	41.4	41.6	41.7	41.9	27
28	42.0	42.2	42.3	42.5	42.6	42.8	42.9	43.1	43.2	43.4	28
29	43.5	43.7	43.8	44.0	44.1	44.3	44.4	44.6	44.7	44.9	29
30	45.0	45.2	45.3	45.5	45.6	45.8	45.9	46.1	46.2	46.4	30
31	46.5	46.7	46.8	47.0	47.1	47.3	47.4	47.6	47.7	47.9	31
32	48.0	48.2	48.3	48.5	48.6	48.8	48.9	49.1	49.2	49.4	32
33	49.5	49.7	49.8	50.0	50.1	50.3	50.4	50.6	50.7	50.9	33
34	51.0	51.2	51.3	51.5	51.6	51.8	51.9	52.1	52.2	52.4	34
35	52.5	52.7	52.8	53.0	53.1	53.3	53.4	53.6	53.7	53.9	35
36	54.0	54.2	54.3	54.5	54.6	54.8	54.9	55.1	55.2	55.4	36
37	55.5	55.7	55.8	56.0	56.1	56.3	56.4	56.6	56.7	56.9	37
38	57.0	57.2	57.3	57.5	57.6	57.8	57.9	58.1	58.2	58.4	38
39	58.5	58.7	58.8	59.0	59.1	59.3	59.4	59.6	59.7	59.9	39
40	60.0	60.2	60.3	60.5	60.6	60.8	60.9	61.1	61.2	61.4	40

USEFUL RELATIONS

Lineal feet	$\times .00019$	=	miles
Lineal yards	$\times .0006$	=	miles
Square inches	$\times .007$	=	square feet
Square feet	$\times .111$	=	square yards
Square yards	$\times .0002067$	=	acres
Acres	$\times 4840$	=	square yards
Cubic inches	$\times .00058$	=	cubic feet
Cubic feet	$\times .03704$	=	cubic yards
Links	$\times .22$	=	yards
Links	$\times .66$	=	feet
Feet	$\times 1.5$	=	links

$360° = 21600' = 1296000''$

Radius = arc of 57.2957790°

Arc of 1° (radius = 1) = .017453292

Arc of 1′ (radius = 1) = .000290888

Arc of 1″ (radius = 1) = .000004848

Curvature of Earth's surface = about 0.7 feet in 1 mile

Curvature in feet = 0.667 (Dist. in miles)^2

Difference between arc and chord length, 0.05 feet in 11½ miles

Probable error of a single observation $= 0.6754 \sqrt{\frac{\Sigma v^2}{n - 1}}$

Error in chaining of 0.01 feet in 100 feet:

Due to—

1. Length of tape error of 0.01 feet
2. Alignment. One end 1.4 feet out of line
3. Sag of tape at center of 0.61 feet.
4. Temperature difference of 15°
5. Difference of pull of 15 lbs.

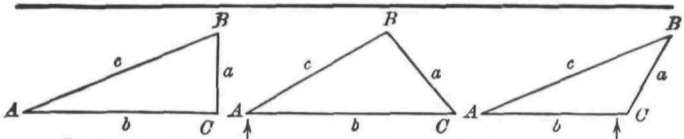
SQUARE MEASURE

144 sq. inches = 1 sq. ft.
9 sq. ft. = 1 sq. yard
30¼ sq. yds. = 1 sq. rd.
40 sq. rds. = 1 rood.
4 roods = 1 acre
640 acres = 1 sq. mile.

SURVEYORS' MEASURE

7.92 inches = 1 link.
25 links = 1 rod.
4 rds. = 1 chain.
10 sq. chains or 160 sq. rods = 1 acre.
640 acres = 1 sq. mile.
36 sq. miles (6 miles sq.) = 1 township.

TRIGONOMETRIC FORMULÆ



Right Triangle — Oblique Triangles

Solution of Right Triangles

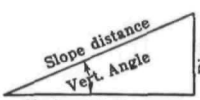
For Angle A. $\sin = \frac{a}{c}$, $\cos = \frac{b}{c}$, $\tan = \frac{a}{b}$, $\cot = \frac{b}{a}$, $\sec = \frac{c}{b}$, $\operatorname{cosec} = \frac{c}{a}$

Given	Required	
a, b	A, B, c	$\tan A = \frac{a}{b} = \cot B,\ c = \sqrt{a^2 + b^2} = a\sqrt{1 + \frac{b^2}{a^2}}$
a, c	A, B, b	$\sin A = \frac{a}{c} = \cos B,\ b = \sqrt{(c+a)(c-a)} = c\sqrt{1 - \frac{a^2}{c^2}}$
A, a	B, b, c	$B = 90° - A,\ b = a \cot A,\ c = \frac{a}{\sin A}.$
A, b	B, a, c	$B = 90° - A,\ a = b \tan A,\ c = \frac{b}{\cos A}.$
A, c	B, a, b	$B = 90° - A,\ a = c \sin A,\ b = c \cos A,$

Solution of Oblique Triangles

Given	Required	
A, B, a	b, c, C	$b = \frac{a \sin B}{\sin A},\ C = 180° - (A + B),\ c = \frac{a \sin C}{\sin A}$
A, a, b	B, c, C	$\sin B = \frac{b \sin A}{a},\ C = 180° - (A + B),\ c = \frac{a \sin C}{\sin A}$
a, b, C	A, B, c	$A + B = 180° - C,\ \tan \frac{1}{2}(A - B) = \frac{(a-b) \tan \frac{1}{2}(A+B)}{a + b},$ $c = \frac{a \sin C}{\sin A}$
a, b, c	A, B, C	$s = \frac{a+b+c}{2},\ \sin \frac{1}{2}A = \sqrt{\frac{(s-b)(s-c)}{b\,c}},$ $\sin \frac{1}{2}B = \sqrt{\frac{(s-a)(s-c)}{a\,c}},\ C = 180° - (A+B)$
a, b, c	Area	$s = \frac{a+b+c}{2},\ \text{area} = \sqrt{s(s-a)(s-b)(s-c)}$
A, b, c	Area	$\text{area} = \frac{b\,c \sin A}{2}$
A, B, C, a	Area	$\text{area} = \frac{a^2 \sin B \sin C}{2 \sin A}$

REDUCTION TO HORIZONTAL



Horizontal distance

Horizontal distance = Slope distance multiplied by the cosine of the vertical angle. Thus: slope distance = 319.4 ft. Vert. angle = 5°10'. From the table, cos 5°10' = .9959. Horizontal distance = 319.4 X .9959 = 318.09 ft.

Horizontal distance also = Slope distance minus slope distance times (1—cosine of vertical angle). With the same figures as in the preceding example, the following result is obtained. Cosine 5°10' = .9959. 1—.9959 = .0041. 319.4 X .0041 = 1.31. 319.4—1.31 = 318.09 ft.

When the rise is known, the horizontal distance is approximately:—the slope distance less the square of the rise divided by twice the slope distance. Thus: rise = 14 ft., slope distance = 302.6 ft. Horizontal distance = $302.6 - \frac{14 \times 14}{2 \times 302.6} = 302.6 - 0.32 = 302.28$ ft.

996 change to F167 D14
997 " " "