~~Almodovar~~ E. READ
BOOK I

Oxon Hill

CREW
CHIEF

TELEDYNE
416
FIELD / TRANSIT BOOK

READ BOOK I

Oxon Hill

LAB# 568-0001
568-0002

Property of Esther Read

Address

Telephone

INITIALS: ESTHER READ - ER
ALLYSON BROOKS - ALB
EMILY FREEMAN - EF
DAVID FINLEY LIPE - DFL
LYNN PIETAK - LP
MARK R. MIKESON - MRM
DAVID JONES - DJ

This Book is manufactured of a High Grade 50% Rag Paper having a Water Resisting Surface, and is sewed with Nylon Waterproof Thread.

INDEX

OXEN HILL JAN - MARCH 1985

	Page
unit 23	6, 7, 8
Feature 2	7, 8,
unit 65	10, 12, 13, 14, 17, 18
unit 24	10, 11, 12, 14, 16, 17, 18
unit 26	15,
unit 25	18
unit 239	23, 25, 27
unit 198	23 25, 27
Feature 27	25, 33, 35, 49
unit 157	25, 27, 29, 31, 35, 39
unit 197	27
unit 238	27
Feature 13	27
unit 116	27, 29, 31, 39, 43, 45, 47 52, 53
unit 156	27, 29, 31, 35, 39, 41
unit 115	31, 48, 49, 51, 53
unit 74	31, 35, 43, 48, 51, 69
unit 75	31, 35, 48, 49 51, 52, 53, 69
Fea 34	33
Fea 35	33
Fea 47	51

continued

Subject	page
unit 33	55, 56, 57, 63, 65, 66, 70, 71
unit 107	55, 56, 57, 59, 61, 63, 65, 70, 71
unit 108	61, 65, 66, 70, 73
unit 34	73, 75
Feature 58	73
unit 148	73, 75, 76
Features 64 & 65	75
unit 149	76
Feature 48	73

THURSDAY 1.3.85

weather - rainy & overcast
met at 9AM in Park & Ride lot, Oxen Hill near site.
spent day moving into crew housing and purchasing equipment.

Friday 1.4.85

weather - ice storm over night. We tried to go out to the site this morning but were hindered by fallen (& falling) trees and limbs which were downed by the storm. We spent the day in the lab building screens for out on the site. We also continued to purchase equipment.

Monday 1.7.84

Weather - much warmer than Friday, somewhere in the 40's.

We spent the day in area #1 clearing brush, vines, and trees from the area. This involved a large amount of heaving and hauling and chain sawing. We are only striping the area inside the delineated [redacted] zone (i.e. the flagged area.).

Tuesday 1.8.84

Weather - cooler than yesterday (more humid).

Continued clearing the site of brush & very large trees in area #1.

Wednesday 1.9.84

Weather - very cold, clear.

I spent part of today helping to clear area #1. Around noon I went out & bought 2 Kerosene heaters and tried to buy a 5 gallon water cooler for the site. (Evidently this is a seasonal item as no one close to us had it in stock... determined after many phone calls... we have one on order). Back at the Site all of us worked on putting up the Shelter on area #1. I think most of us were very surprised that it stood (it did fall over once). We had some problems getting tape to stick on the plastic as it was too cold for the adhesive to work... well. We solved this by trying to warm it before using it.

Thursday 1.10.84

We completed the shelter today and started to lay out the grid. We also erected the 2nd shelter for the screeners. The question is whether or not both will survive tonight's snow fall should it become heavy. Otherwise it was a very very slow day.

Friday 1.11.84

weather - 4 inches (about) of snow on the ground.

Crew spent the morning in the lab, building screens for the lab and working on a shelter for the water screening (or dry screening) area. This afternoon the crew rejoined Julie Barnes and a few others out in the field. The crew chiefs met with

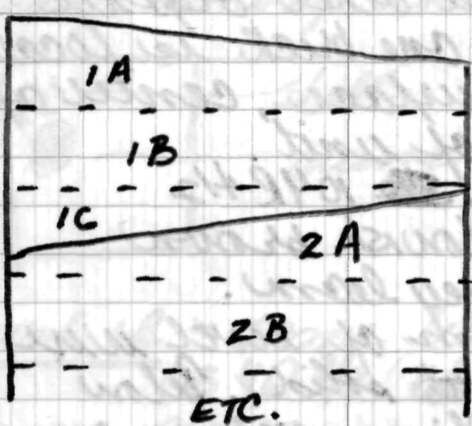
Tom to discuss [redacted] field techniques.

unit #s:

U / / , / / / / / / 0 / / /

area — subarea — unit# — level #

level #s:
dig in stratum
if greater than 10 cm
split into arbitrary levels:
i.e. 1A, 1B, 1C.



feature #: F / , / / / / / / / / / /

area — subarea — unit# — feature #

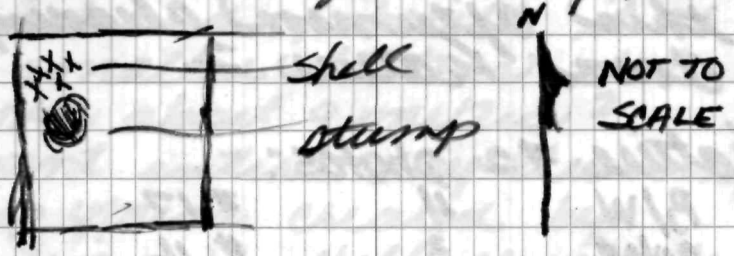
14 January '85 Monday

Weather - Clear, sunny, 40°ish
snow is almost all melted
except in patches. road in
is very muddy and
slick. Cold in morning (<32°).

AM - dug in unit # 23 with
Bill Bryant & Chuckie.

~~[illegible]~~
LEVEL 1A - frozen solid (freeze
dried) surface was
littered with twigs and
roots and other organic
debris. One brick is located
on the surface, center of
the S1/2 of unit.
Munsell: [redacted] 10YR 4/2
dark yellowish brown
silty clayey loam.
The top 5cm of level were
frozen ~~[illegible]~~ solid. Below
freeze line soil is a
loose loam: 5YR 3/2 grayish
brown clayey silt

no sign of freezing at this point. Removed level as a 10 cm arbitary level. Feed contained a stump and several roots (dia. ≥ 3 inches). Small hunks of Bricks occured thru-out level. at 37 cm to stick (no absolute elevation available yet), NW corner of unit, shell concentration occured (center of concentration at S 21 cm E 21 cm from NW). This is just beyond the stump. Glass wine bottle kick up located among roots of stump.



Level 1B - same fill as 1A (5 YR 3/2 clayey silt). Came down on Feature 2 in this level, an OYSTER

SHELL CONCENTRATION.
Level also bottoms of stratum #2 (5YR 3/4 moderate brown with mottles of 5YR 4/4 moderate brown silty loam.). Feature is located along western wall of unit. Lots of roots & rootlets in level

Afternoon - Chuck & Bill transferred elsewhere. Allyson Brooks & Emily Creamer worked with me this afternoon cleaning down Feature 2.

Feature #2 photos:

B/W	4	#17
COLOR	3	#16

Bag # 4 artifacts } level
#7 soil sample } 1B.

15 January 1985 Tuesday

weather - very very very cold
(-10° with wind chill).

Morning -
crews assigned: Allyson Brooks
and Emily Freeman with me.

Shelter plastic blown off by
winds during night crew
repaired & replaced it.
However PVC pipe supports
began to break up in
the wind. We dropped
the shelter & pulled it
apart and rebuilt it as
4 smaller shelters that
cover about 9 meters^2.
Spent entire day cleaning
up mess created by
winds. Will excavate
tomorrow.

16 January 1985 Wednesday

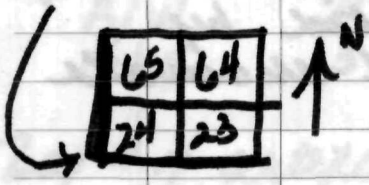
crew: Esther, Emily, Allyson.

Weather: very cold, not at all windy.

We completed our small shelter this morning and set it up over units 24 & 65 (which we had triangulated in.

Assigned units:
ALB - unit 65
EF - unit 24

We are using the SW corner of the 2X2 as the datum.



NOT TO SCALE

Soil is <u>completely</u> frozen

through; as it was exposed to the air all last night (not covered with plastic & straw).

10:30 AM left site to go to bank with Joe, Dick, Loretta, and Steve F.

11:20 AM returned to site Tom had decided to pull Allyson and Emily for rest of morning to work on another shelter. We are putting one of the Kerosene heaters in the shelter in a last ditch attempt to be able to work in the units this afternoon. We're hoping that the heaters will thaw the frozen earth.

Lunch 12:00 - 12:30.

units:

		Bag #s	
24	(1A)	32	
65	(1A)	33	NO ARTIFACTS
65	(1B)	48	

Unit 24 - [redacted] Emily.
Reached Feature 2 in Level 1A at 9cmbs, [redacted] SW 1/4 of unit.

[redacted] afternoon temp must be at least 20 degrees warmer than mornings temp. Allyson and Emily still hacking away at frozen ground. It has gotten a bit better but not much.

3:30: Allyson finished Unit 65 Level 1A. Still frozen solid. No artifacts recovered.

2x2 meter unit we are presently working in:

65	64
24	23

S216E226 (main datum) ← all elevations from this point.

Allyson now removing LEVEL 1B, UNIT 65 S215E227. I am ~~[illegible]~~ assisting her in removing it. She seems to have hit feature 2 (oyster midden) in the SE corner of her unit, at 15 cmbs.

17 January 1985 Thursday

Crew: Esther Allyson Brooks, Emily Freeman and (a new addition: David Lupe).

Units:		Level		Bag #
S216 E225	#26	1A	DFL	58
S216 E227	#24	1A	EF	32
S215 E 227	#65	1B	AEB	48

Allyson continuing in unit #65 unit is still frozen solid and she is still having problems chopping thru it. (Level 1B)

Emily is continuing in unit 24. She is definitely on top of feature 2 - an oyster shell midden. The soil there is also frozen. However it pops off the top of the shell very easily. (Level 1A)

David laid out unit 26 this morning and has started excavating level 1A. The soil is also frozen solid and he has a rather large stump along the north wall.

Lunch 12:00 - 12:20
Tom pulled the "Chiefs" in at lunch to explain the time sheets.

Crew chief meeting - photos designation -

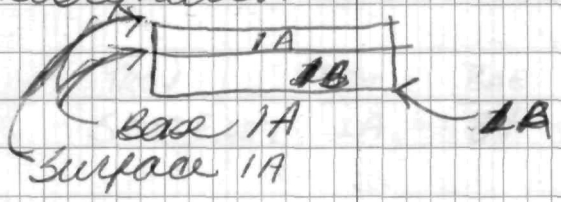


photo at bottom of level is that level not the next.

3 PM

EMILY HAS COMPLETED LEV. 1A UNIT 24. SHE HAS NOW BEGUN TO EXCAVATE LEVEL 1B LEAVING THE FEATURE #2 IN SITU.

UNIT 24 LEV 1B BAG 72

SOIL IS NOT QUITE AS FROZEN

DAVID STILL IN UNIT 26

Allyson STILL IN UNIT 65

4:00 PM - CLEAN UP - ALL FILL DOWN TO LORETTA.

18 JANUARY 1987 FRIDAY!! TGIF

CREW - ESTHER, EMILY, Allyson, DAVID

UNIT	PROV	LEV.	BAG	EXCAVATOR
24	S216 E227	1B	72	EF
26	S216 E225	1A	58	DEL
65	S215 E227	1B	48	ALB

WEATHER - COLD & OVERCAST. SNOW STILL ON GROUND FROM WEDNESDAY NITE/THURSDAY MORNING STORM.

10 AM - Allyson HAS COMPLETED UNIT 65 LEVEL 1B. SHE IS DOWN ON LEVEL 2 SOILS NOW - THE REDDISH BROWN SOIL.

UNIT	PROV	LEV	BAG	EXCAVATOR
65	S215 E227	2A	84	ALB

11:30 AM

UNIT 65 - LEVEL 2A - ALB - COMPLETE

UNIT 24 - LEVEL - 1B - EF - COMPLETE

EMILY HAS REACHED THE SUBSOIL SURROUNDING FEA. 2 (OYSTER SHELL MIDDEN). FEA. 2 IS IN SITU PLASTOLED.

COMPRISES 80% OF UNIT FLOOR.

UNIT 26 - LEVEL 1A DAVID IS ALMOST DOWN TO LEVEL'S END.

12:00 PM - LUNCH - 12:30 PM.

UNIT	PROV	LEVEL	BAG#	EXCAVA	TYPE
25	S216 E226	1A	87	ALB	SOIL
25	S216 E226	1A	88	ALB	ARTIF.

1:30

ALLYSON IS DONE WITH UNIT 65 IS NOW beginning UNIT 25. DAVID IS DRAWING LEVEL 1A IN UNIT 26. EMILY DONE WITH 24 & IS CONSTRUCTING WHEELBARROWS.

UNIT	LEVEL	PROV.	BAG#	EXCA	TYPE
26	1B	S216 E225	91	DFL	ARTIFACT

3:00: ALL DIRT DOWN TO SCREENS ENTIRE CREW SCREENING LAST HOUR.

21 January 1985 Monday

NO WORK - Called off due to bitterly cold temps.

22 JANUARY 1985 TUESDAY

CREW: Esther, Lynn, David, Allyson, and Emily.

WEATHER: Chill breeze, cold temps, some sunshine.

Spent day screening. We will be screening crew for the week.

Afternoon - Julie Barnes took over for me at 1:45 as I was pretty sick and left the site to go home.

See bags screened log.

processed - 12 bags new
5 bags additional } 17 TOTAL

23 January Wednesday

crew: Esther, David, Emily
Allyson, Lynn

weather-warmer... for January.

screened all day (2 barrows left)

16 bags new
5 bags additional } 21 TOTAL

24 January Thursday

crew: Esther, David, Emily
Allyson (Lynn-sick).

weather: sunny

screened all day

17 bags new
6 bags additional } 23 bags

(6 barrows left)

25 January Friday

crew: Esther, David, Allyson, Lynn (Emily in Phila.)

weather - warm - sunny to snow.

18 bags new
9 additional } 27 bags

(no barrows left)

26 January Saturday

crew: Esther, Emily

weather - freezing & windy

screened til noon

2 bags new
1 additional } 3 bags

No wheel barrows left.

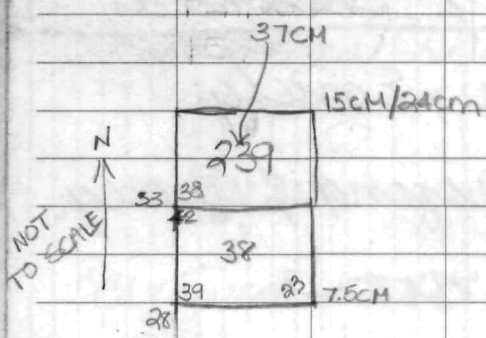
Closed site at noon.

28 January 1985 Monday

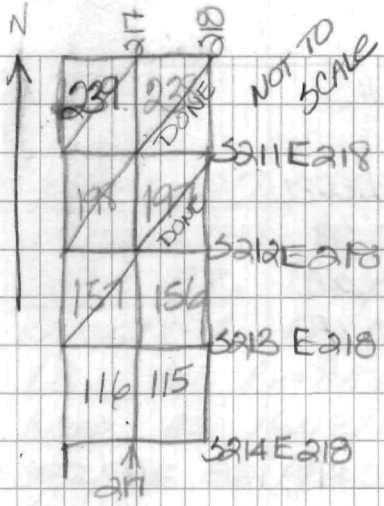
Crew: Esther, Allyson, Emily, Lynn, & David

Weather: Temps 30/40°
fairly mild.

BAG #	UNIT #,	LEVEL	PROV.		EXCAVATOR
194	239	2A	S211	E217	LP
195	198	2A	S212	E217	ALB
196	156	1A	S213	E218	EM
197	157	1A	S213	E217	DFL



center & NW corner blocked by stump



ASSIGNED 6 NEW UNITS THIS MORNING AS diagramed to the left.
UNITS 238 & 197 WERE completed by Bryant's CREW last WEEK.
Units 239 & 198 WERE completed down to the SURFACE OF LEVEL 2A.

assigned units as listed on page 22 FOR morning.

David & Emily had to string in their 2x2 1st thing this morning. Have started digging.

LEEANN & MARC discussed units 239 & 198 (RESPECTIVELY) with me as they had dug the 1A & 1B LEVELS.

Lynn & Allyson working on LEVEL 2A
David & Emily chipping through FROZEN

Feature 27 - Trench

units	prov.		Level
237	S211	E217	2A
198	S212	E217	2A
157	S213	E217	1B

2x2 Photos - units 197, 198, 238, 239

Color	Roll	10	Frame	32 & 33
B&W	Roll	9	Frame	32

Feature 13 Photo

Earth.

Feature 27 - TRENCH
Excavated through in units 239 & 198. Bulpitt crews Removed Feature as Level 1B. We removed 5cm of base as level 2A before any of us realized that we had screwed up. David assigned Feature # at noon. Feature still intact in unit 157.

Lunch 12:00 - 12:30

We constructed a shelter for our new 2x2 this afternoon.

Continued to chip at dirt in Emily and David's units.

29 January 1985 Tuesday

Crew: Esther, Allyson, David, Emily, and Lynn.

Weather: mid 30's w/ sun.

BAG#	UNIT	LEVEL	PROV.		EXCAVATOR
196	156	1A	S213	E218	EF
197	157	1A	S213	E217	DFL
225	116	1A	S214	E217	LP/EM
231	156	1B	S213	E218	EF

Lynn & Allyson spent morning planning units 198 and 239. They then profiled the south wall of 198 and the north walls of 239 and 238. They also cleaned down the 2x2 with units 197, 198, 238, & 239 and Feature 13 in it. That 2x2 is now complete and is covered over. I did the last of the paper work this morning.

Emily and David are still chipping away at their frozen level 1A's. (units 156, 157)

Lunch 12:00 - 12:30

Lynn and Allyson have begun unit 116 LEVEL 1A This level is also frozen solid.

4:00

Completed units: None

Completed levels;

Unit	Level
156	1A

In progress:

Unit	Level
156	1B
157	1A
116	1A

3:00

Emily has <u>completed Level 1A - unit 156</u>; done the plan view, the photos, and the paper work.

She has <u>started Level 1B</u>

David has <u>completed Level 1B - unit 157</u> but is still doing the paper work.

Allyson & Lynn still <u>struggling with Level 1A Unit 116</u>. They've covered a ceramic marble from this unit.

30 January 1985 Wednesday

crew: Esther, Allyson, David, Emily and Lynn.

weather: upper 30's, clear.

Bag #	Unit	Level	Prov.		initials
236	157	1B	S213	E217	DFL
247	74	1A	S215	E218	AZB
248	75	1A	S215	E217	LP
231	156	1A	S213	E217	EF

unit 157 - LEVEL 2A

POST HOLE FEA. 34

POST MOLD FEA. 35

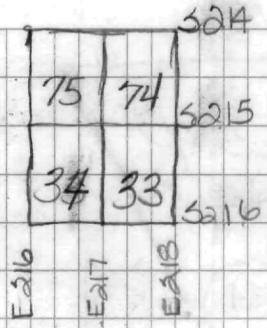
Feature photos

B&W roll # 11 frame # 14 } 34 &

Color roll # 12 frame # 30 } 35

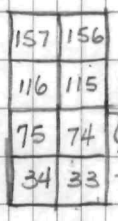
unit 157

B&W	11	15
Color	12	31



Lynn and Allyson screening this A.M. David and Emily in their respective units.

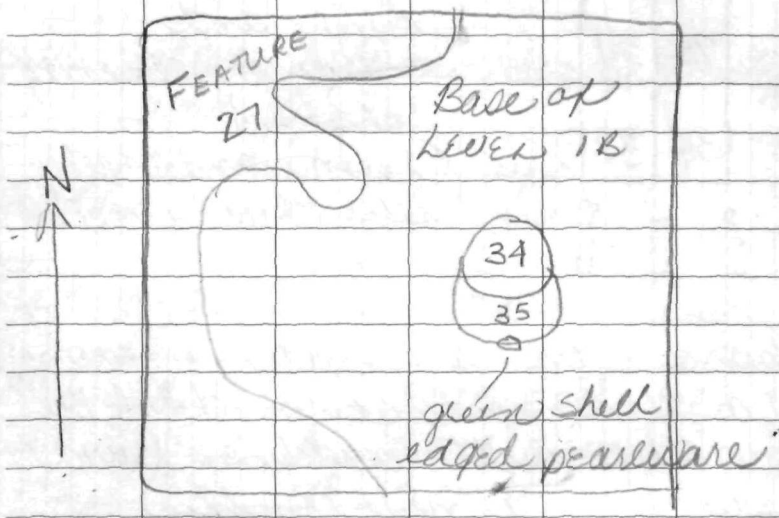
Have decided to operate 2 2x2's at a time so that we don't kill each other with maddo's. David S. assigned me a new 2x2 this morning.



David & Emily are working in units 157 & 156. Lynn & Allyson will be working in units 75 & 74. Units 116 & 115 will remain unworked so that I can keep a 2x1 meter strip between the swinging maddoxes.

David is working in unit #157 and is maddoxing as

Unit #157



not to Scale

level 1B is also entirely frozen. At base of level 1B slightly to the east of the center point of the unit, David has uncovered 2 features -

34 a Posthole & 35 a Post mold associated with the Post Hole. Feature 27 (trench feature) continues into this unit from units 198 and 239 (which are to the north.) This feature is pedastoled along the west wall. David and Seth had problems seeing features and the changes from one natural soil layer (level 1) to another (level 2) while going through the level 1B fill with a pick axe. As a matter of fact its become very depressing to work as the floor line has now sunk into the subsoil. Chipping it out with the machete has become almost impossible as part of level 2A

is also popping out now too.

Emily is still hacking through level 1B. She is also hacking through some substantial tree roots. She is pulling out a lot of glass (window glass). (and 156 Level 1B).

Allyson and Lynn both have their own units now. Both have frozen 1A levels.

Lynn - unit 75, level 1A
Allyson - unit 74, level 1A

Emily and David spent 2 hours at the screens today going through their dirt (12:30-2:30).

2:30 Julie Barnes joinned us for the afternoon and helped us clean down Finley's unit (157) for a photograph. Julie suggested

completed units: 157

completed levels:

157 1A
157 1B

in progress:

156 1B
116 1A
74 1A
75 1A

that Feature 27 may be a planting trench for ornamental trees, which would explain the amorphous shape of the trench thus far

4:00 - Dick is photographing Finley's unit its completed except for final paper work.

4:19 covered units for night
Expect snow fall tonight.

31 January Thursday

crew: Esther, Allyson, Emily, and David
Lynn stuck in Baltimore due to snow.

weather: 2 inches of wet heavy snow fell last night. Overcast morning - it's still snowing.

Allyson Brooks farmed out to David M for day as I can't cover all my units with a small shelter.

Bag #	Unit	Level	Prov.		initials
231	156	1B	S213	E218	EF
225	116	1A	S214	E217	DFL
275	156	2A	S213	E218	EF

9:00 - Emily arrived, late due to snow.

David spent most of the morning completing the paper work for unit 157.

Emily spent morning taking out LEVEL 1b in unit 156. She definitely has some heavy root action in the bottom of her unit. By lunch she had it down to level. After lunch she cleaned and photographed it. We thought she had a feature on the floor of the unit but further scraping showed it to be a root molding (i.e. it disappeared with further scraping).

Bob Dunn joined us briefly this afternoon. He tried to help Emily hack out her roots. Unfortunately most of the roots are too heavy for the machete to chop through.

David is working on Unit 116.

completed units: 156

completed levels:

156	1B
156	2A

in progress:

116	1A
74	1A
75	1A

which was begun by Allyson and Lynn on Tuesday (see pages 26-29). This level - 1A is also totally frozen. So he is also removing his level with a maddox. He has recovered some grey saltglazed stoneware.

Emily has begun level 2A in Unit 156. This level is entirely in subsoil and is very loose and easy to remove. She is having to remove it by hand with a trowel as the roots tend to hamper shoveling.

Emily has completed Unit 156 Level 2A; unit is completed. Unit has been photographed. All she has left to do is the paperwork.

1 February 1985 Friday

crew: Esther, Allyson, David, Emily, Lynn.

Weather: miserable. Pouring rain.
The inside of the shelter is a muddy mess. The shelter isn't leaking, but as we're on a downhill slope we have water pouring in the sides under the edges of the shelter.

Emily and Lynn are farmed out today as there isn't room under this small shelter for 5 of us. Emily is with Dana M. Lynn is screening.

Bag #	unit	level	prov	initials
225	116	1A	S214 E217	DFL
247	74	1A	S 215 E218	ALB

10:45AM
Allyson seems to be having better luck cutting through the top of her unit this morning. The rain is a mixed blessing - the mild temps have thawed the soil somewhat. She is still madddging through it.
Unit 74 level 1A.

David is nearing the end of level 1A (unit 116). Noted several ceramic sherds in the fill - mostly 19th century whiteware & a piece of 19th century grey salt-glaze (Albany slip exterior) with cobalt blue exterior decoration.

1:30 David is finished with level 1A, unit 116.
photographed:
B&W ROLL 12 FRAME 13
Color ROLL 13 FRAME 34

completed units: none

completed lines:

116 1A

in progress:

74 1A
75 1A

Unit 116 Level 1A - David has come down on top of Feature 27. This is the trench feature that was 1st uncovered in units 239, 198, and 157 to the north of this unit. Surface of feature is littered with small brick fragments. Several roots run thru.

4 February 1985 Monday

crew: Esther, Allyson, Finley, Lynn, Emily.

weather: freezing cold. (~ 15°) overcast.

Bag #	unit	level	prov		initial
247	74	1A	S215	E218	ALB
248	75	1A	S215	E217	LP
295	115	1A	S214	E218	EF
225	116	1A	S214	E217	DFL
* soil 301	115	1A	S214	E218	EF

Photos		B&W		Color	
unit	level	Roll	Frame	Roll	Frame
75	1A	12	34	15	12
115	1A	12	35	15	13

completed units: none

completed levels:

115 1A

75 1A

in progress:

74 1A

feature code: (A thru Z)

A Posthole & postmold
B Postmold only
C Planting hole
D Planting ditch
E Well
F Privy
G Pit
H Foundation
I Cellar Hole
J Building trench
K Chimney base
L Drip line
M Cistern
N Walkway
O Root Cellar
P Shell midden
Q dump
Z Unknown

David is "floating" today. (Screening etc.) This morning he is finishing up the paper work from unit 116 level 1A.

Emily has opened up unit 115, level 1A. This is the South East corner of the 2x2

157	156
116	115

so she will be taking a soil sample out of this level.

Allyson is still in unit 74 level 1A and Lynn is still in unit 75, level 1A However the soil seems to be in slightly better condition today. The rain thawed it some and there is only a 2 inch layer of ice on top... but all 3 are still maddening.

Lunch 12:00 - 12:30

This afternoon Emily and Lynn completed their 1A levels. Allyson is very close also.

Lynn's unit, 75 level 1A comes down on Feature 27. That trench is still extending South across site. Thus far Feature 27 has been uncovered in units: 239, 198, 157, 116, and 75. But only a small part of it. more of it seems to be located to the west of these units (which are all in a direct N/S line.

David screened: 12:47-3:00.

Emily's Level 1A unit 115 comes down on a tremendous root system of the tree that sets in its SW corner. This tree affects - directly - 4 units as diagramed below & to the left

NOT TO SCALE.

Lynn & Emily will complete paperwork tomorrow.

5 February 1985 Tuesday

Crew: Esther, Allyson, Emily, David, and Lynn

Weather: Cold, upper 20° range and overcast.

Bag #'s	unit #	level	pin		excavator
327	116	2A	S214	E217	DFL
328	115	2A	S214	E218	EF
* SOIL 329	115	2A	S214	E218	EF
247	74	1A	S215	E218	ALB
330	75	2A	S215	E217	LP
346	74	2A	S215	E217	EF

2:30PM - Lynn left / 3PM Allyson left

PHOTOS:		B&W		COLOR	
unit	level	ROLL	FRAME	ROLL	FRAME
115	2A	13	9	15	22
156					
157	2X2	13	10, 11	15	23, 24,
116	Fea. 27				25, 26
115	34, 35	13	19, 20	16	1, 2
74	1A Fea 47	13	12	15	27, 28

Allyson has completed unit 74 Level 1A. There is a Feature showing up on the surface of Level 2A: Feature 47. Need to remove rest of 2A level to expose rest of Feature it shows only in the NE corner presently.

Lynn did unit 75 Level 1A paperwork this morning. And is now excavating Level 2A. This is only the NE corner of the unit which slopes up at the base of the tree stump. She is leveling it down even with the rest of the floor (more-or-less)

Emily has completed the paperwork for unit 115 level 1A and is excavating level 2A. Her unit is full of roots.

David is excavating out level 2A unit 116.

11:00 - after David completed his unit he cleaned down the 2x2 for its final picture:

157	156
116	115

see page 50 for #s. Emily has completed unit 115 level 2A and is helping David clean out the 2x2.

Lunch 12:00 - 12:30.

Allyson to screen for afternoon.

Lynn has completed unit 75 Level 2A. Unit is completed. She is cleaning down for picture.

Tom Wheaton decided he didn't like all the roots

I left in site in the 2x2
David & Emily cleaned. There-
fore Even though the photo had
been taken & units completed
Ferney & Emily have to cut out
the roots & rephotograph.
They are not happy - neither
am I.
2:00 PM - ice storm has begun.
2:30 PM - Lynn's car pool has
left for Baltimore as roads
are getting bad.
3:00 PM - Allyson has left for
Silver Spring as she is ill &
roads are getting worse.
2x2 Finished & rephoto'd - Dick
said because of rain/sleet water
washing in the earlier 2x2
Photos will be the better ones
(ie those with roots).
4:00 - paper work completed
for units 116, 115, & 75. Emily
David & I are finishing 74 now.
4:30 All units completed
none in progress.

6 February 1985 Wednesday

crew: Esther, Allyson, Lynn, David
Emily - EF arrived 9 AM.

weather: lots of ice due to
ice storm yesterday.
Temp: mid 30's.

Bag #	Unit	Level	prov.		excavator
354	33	1A	S216	E218	LP/ALB
* SOIL 353	33	1A	S216	E218	LP/ALB
356	107	1A	S214	E226	EF/DFL
* SOIL 359	107	1A	S214	E226	EF/DFL

Photographs

		B&W		COLOR	
unit	level	roll	frame	roll	frame
107	1A	14	10	16	36

	E 224	E 225	E 226	
	149	148		S 212
	108	107		S 213
				S 214

N ↑

David assigned me a new 2x2 this morning as diagramed above. Units are located in David M's shelter. Emily and Finley are going to work the 2x2.

The shelter that has Allyson and Lynn's 2x2s under it has fallen apart. Hence the 1st thing we are doing this morning is repairing it.

10:00 Shelter is completed.
Allyson in unit 33 Level 1A starting unit today.
Emily and Finley stringing their 2x2 & starting unit 107 level 1A. They are delighted that there's no tree roots in their unit!

Lunch 12-12:30.

David 1/2 late from lunch.
1:00 PM
David & Emily have managed to maddox out 1/2 of unit 107 level 1A. Emily is excavating presently. David is down on the screens.

Lynn still on screens has been there since 8:30 AM.

Allyson still chipping away at unit 33 level 1A with maddox. Temps have improved and she is thawing top of unit is flooded.

2PM David & Emily have switched places. Emily is down at the screens. David is digging out unit 107 level 1. Digging conditions are fairly decent. Some of the soil is still frozen

and a madax is needed to cut through it. But in places its shovelable.

Allyson & Lynn have switched places. Allyson is down at the screens, Lynn is slogging thru unit 33 Level 1A Conditions in this unit are worsening as the temps raise more than runoff pours into unit and we are helpless to stop it.

2:30 Emily back up from screens to help David clean down unit 107 Level 1A.

3:00 - Lynn has a nice wine bottle neck in the NE 1/4 of her unit around tree roots. Stump is not actually in the unit but is just to the south of the unit.

completed units - none

completed levels

107 1A

in progress

33 1A

4:00 David & Emily have completed unit 107 level 1A
Dick is taking pictures.
Paperwork will be completed tomorrow.
- Lynn is cleaning up her loose dirt.

7 February 1985 Thursday

crew: Esther, Emily, David, Lynn and Mark.
Allyson Brooks has been switched to Brenda's crew; Mark McKeson from Brenda's crew has joined ours.

Weather: 30's, clear & sunny

Bag #	unit #	Level	prov		Excavator
378	107	2A	S214	E226	EF
* SOIL 379	107	2A	S214	E226	EF
377	108	1A	S214	E225	DFL
354	33	1A	S216	E218	MM/LP

Screen Time		TOTAL
MARK:	8-10 (2) 1:40-2:40 (1)	3
Emily:	8-9 (1) 2:15-4:00 (1 3/4)	2 3/4
Lynn:	8-12 (4)	4
DAVID:	10:30-12 (1 1/2)	1 1/2
		11 1/4

Allyson requested a transfer to Brenda's crew after yesterday afternoon's conversation with Tom Wheaton. She has been put on probation for a week & is afraid that she will be fired if she stays on this crew. At any rate she probably won't be fired if she stays but to minimize further problems she is now with Brenda. Brenda has traded off Mark McKeson for Allyson Brooks.

Screens are backed up this morning. Almost all my crew is screening (Lynn, Emily, Mark). David is completing the paperwork for unit 107 Level 1A.

9AM Emily back from screens with 4 buckets. She has started unit 107 Level 2A.
David is starting unit 108 Level 1A the surface of this unit is

Photos:

		B&W		Color	
unit	level	roll	frame	roll	frame
107	2A (FEA's 54 & 55)	14	24, 25	17	16
33	1A	14	29	17	20

Completed units: 107 1A & 2A
completed levels: 33 1A
in progress: 108 1A

a mushy mess. There is also some redeposited overburden on the surface as we uncovered a cardboard box in the unit... which someone on the crew had been using as a knee pad.

10AM I finally got a wheelbarrow. Mark Thukson has been given the wheelbarrow and is removing the rest of Level 1A unit 33. I spent about an hour in unit this morning assessing the damage from yesterdays flood. Somehow or another Allyson & Lynn managed to come down to the surface of the Level 2 soil instead of gouging it out. Even though they were tossing it out with a crowbar and a maddox and had standing (or running) water in the unit. Only a small portion was washed out along the north wall.

11:30: Emily has completed unit 107 Level 2A. She appears to come down on a feature which Dave Singer is fusing at now. Actually I believe its 2 seperate postholes. David has pointed out 2 areas of clay subsoil disturbing the other wise sandy clay subsoil surrounding the dark stain (or stains).

Lunch 12:00 - 12:30

Tom Wheaton has looked at the above described features and said he doubted they were anything but then we wouldn't know 'til they were excavated. Oh well. At any rate he assigned 2 feature #s: 54 The large stain
55 the smaller stain

Emily is at present completing her paper work (Level 2A form and plan view of 2A and unit summary.)

Lynn, Mark & I began to clean down their walls right after lunch. By 1:30, although we were very close to completing the unit we had run out of space in the wheel barrow. The up-hill slope is still draining into this unit so that the SE corner of unit 33 Level 1A is totally saturated.

David is still working in Unit 108 Level 1A. Soil is frozen so he is beating it out with a maddock. Lots of small pieces of brick rubble in the unit.

2:15 Emily is all finished with her paperwork and she is now down at the screen. Dick is photographing unit. (Unit 107 Level 2A Fa 54 & 55)

Finally stole some buckets for Lynn, around 1:45 - She is finishing

the unit at present. Mark is still screening.

2:40 - unit 33 Level 1A is ready for trowel down for photos. Pulled Mark to help Lynn.

3:30 - Dick has arrived & is photographing unit 33, Level 1A.

3:45 - David is finishing up level 1A unit 108. It may have 2 features, at least one feature - Feature 61, extends into this unit from unit 109 (one of Murara's units).

4:00 - Lynn & Mark have completed their paper work and are covering

4:15 - Emily and David helping Murara to cover.

8 February 1985 Friday!

crew: Esther, Mark, Finley, Emily and Lynn.

weather: very very very cold

SCREENING TIME:

			TOTAL
MARK	9:30 - 12:00 (2½)	12:00-	
LYNN	10:30 - 11:30 (1)		
DAVID	8:00 - 12:00 (4)		
Emily	8:30 - 12:00 (3½)	3:00-4:30 (1½)	5

BAG #	UNIT #	LEVEL	PROV.		EXCAVATOR
403	33	2A	S 216	E 218	LP ER
SOIL 404	33	2A	S 216	E 218	LP ER
405	34	1A	S 216	E 217	LP/MRH
407	148	1A	S 213	E 226	EF

FEATURES:

UNIT 108 LEVEL 2A #58

Photos:

		B&W		COLOR	
UNIT	LEVEL	ROLL	FRAME	ROLL	FRAME
33	2A	14	4	18	1, 2
108	1A (FEA 47 & 58)	14	6	18	4

the weather has screwed up my units. The SHA arrives today at 9:30 for their Friday inspection tour. Tom has ordered a complete clean up of all units. Unfortunately my 5 open units are all frozen solid. Units 75 & 74 were an absolute mess. These units were completed several days ago. During yesterday's flood these units were totally inundated. The clay floors became a "sink hole". Mark, in the course of excavating unit 33 stepped backwards into unit 74 and almost had his boot sucked off his foot by the mire. Today unit 74 was about 5cm deep in mire. Unit 75 was not in much better shape. However while it was muck along the east edge next to unit 74,

N ↑

75	74
34	33

NOT TO SCALE

the west wall, over Feature 27, was frozen solid. We did not clean back over Feature 27 as we were afraid that we'd rip up the Feature. Around 9:30 Mark began to feel really ill and asked to screen. He is still down there now. Lynn and I started Level 2A in Unit 33.

David Lipe is spending the morning screening. As his unit - 108, Level 1A is frozen solid. The level is down but the freezing has made it impossible to tell where the 2 features are. The ground is so frozen that the soil colors are uniform - sort of like a baked out soil only not baked out, "frozen out". I can vaguely tell where the feature was. (or is), by the concentration of brick in the areas of the features. However

it is impossible, at this time, to delineate the edges (for reasons already explained).

Emily joined David at the screens around 8:30. She spent 1/2 an hour completing the paperwork on unit 107.

10:30 am - Lynn is turning blue literally. It is so damn cold today. I just sent her down to the screens to warm up. The screens are pretty badly backed up. My entire crew is down there.

I am finishing up Level 2A in unit 33 at present. Not much is being removed from that level as the 1A level went rather deep into the 2A. Lots of root distrubance in this level also. Level finished noon.

Lunch 12:00 - 12:30

completed units: 33 and 108

in progress:

34 1A

148 1A

*3:00 - Everyone screening. Except Mark, he & I tied down the shelter. It has gotten much much colder - its, bitterly cold. 4:30 - done!

Mark is feeling better and is beating out Unit 34 Level 1A with a maddox. The ground has thawed somewhat since this morning. But not much. He has a fairly good sized root running down almost the complete center of the unit. Lynn is screening.

David, Emily and I have cleaned down unit 108 Level 1A There are 2 features on the floor. One is an extension of Feature 48 in unit 109 (Muraca) the other, Feature 58, lies in the center of this unit. Roughly circular in shape, its surface is flecked with bricks. A small stump sits on the east side of the feature.

Emily has begun wacking out unit 148 1A, with a maddox it too is frozen.

11 February 1983 Monday

crew: Esther, David, Lynn, Mark, and Emily.

weather: a "heat wave!" 40 F! and very sunny.

Bag #	Unit #	Level	plot		Excavator
407	148	1A	S213	E226	DFL
416	149	1A	S213	E225	EF
405	34	1A	S216	E217	MRM

9:45 Lynn to lab to help reconstruct shelters.
12:00 Lynn returned.

completed units: 148

in progress: 34 1A
149 1A

David and Emily are jointly working on Unit 148 Level 1A this morning. Level bottoms on subsoil and 2 postholes - Features 64 & 65 (part of 64 in unit 149)

Mark, Lynn, and I had a small problem this morning: our shelter fell apart. We spent from 8 to 9:30 trying to repair it then tearing it down. Tom agreed that we needed to tear it down and then ship it back to the lab for glue job. We hope to be able to build a 3rd generation shelter this afternoon - before tomorrow's rain fall. Lynn has gone to the lab with Tom to help repair the PVC framework.

Mark is continuing with Unit 34 Level 1A - its still frozen.

David and Emily are finished with unit 148, level 1A. Emily is doing the paper work.
Emily is starting unit 149 level 1A.

Lunch: 12:00 - 12:30.

Lynn returned at noon, with the repaired shelter framework. My entire crew spent between the end of lunch and 2:00 PM building a new shelter.

David spent part of afternoon completing the paper work.

Emily is down to the base of level 1A in unit 149. There may or may not be a feature in that area as there is a heavy scattering of Bricks in almost the

exact center of the unit.
Will clean down good tomorrow.

Mark and Lynn are cleaning down their walls.

3:00 - pulled crew from their various units to cover the new shelter with plastic.

4:30 - done!

12 February 1985 Tuesday

crew: Esther, Lynn, Mark, Emily, David.

Weather: pouring rain.

Crew spent day in lab and a few hours screening.

	Screen	Lab	TOTAL
MARK	0	8	8
LYNN	1	7	8
EMILY	3½	4½	8
DAVID	3½	4½	8
ESTHER	0	8	8

13 February 1985 Wednesday

crew: Esther, Mark, David, Emily and Lynn.

weather: sunny, mid 30's.

Mark & Lynn are cleaning down Unit 341A for final picture.

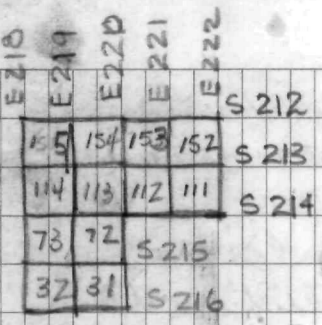
Emily and David are cleaning down Unit 149 1A there appears to be a large amphorus shaped feature with brick scattered across the top of it Feature is more or less located in the center of unit.

Singer Muraca, and I have been haggling over the feature or features in unit 149 1A
The large amphorus feature after much scraping and cleaning the 3 of us have come to

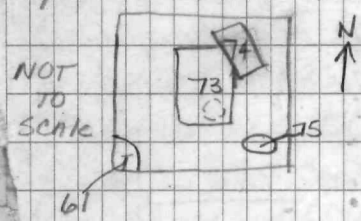
BAG #	UNIT #	LEVEL	PROV.		EXCAVATOR
✓405	34	1A	S216	E217	LP/MRM
✓448	34	2A	S216	E217	LP/MRM
✓457	75	2B	S215	E217	MRM/LP
✓458	111	1Y	S214	E222	EF/DFL
459	112	1Y	S214	E221	EF/DFL
460	152	1Y	S213	E222	EF/DFL
461	153	1Y	S213	E221	EF/DFL
416	149	1A	S213	E225	EF/DFL
407	148	1A	S213	E226	EF DFL

FEATURES:	73	UNIT #:	149	LARGE postbole?
	74		149	dk FILL ✓intrusive SQUARE
	75		149	mortar FILL AROUND tree root

Photos		B&W		COLOR	
UNIT	Level	Roll	FRAME	ROLL	FRAME
33	1A	16	6	20	2
33	2A	16	17	20	13
148	1A	16	24	20	21
2x2 149 | 148 108 | 107	FEAS: 48, 54, 55, 58, 61, 64, 65 73, 74, 75	16	25 & 26	20	22 & 23



the conclusion that we have 4 features in this unit as follows:



Feature 61 was one of Murasa's features 1st located in Units 150 & 109 2A by Murasa's crew. It is roughly circular in shape. (also extends into unit 108). 10YR 4/3 brown/dk brown clayey loam. Tree stump located in center of unit. Feature 73 is roughly rectangular - a possible posthole/post mold combination, 10YR 4/4 dk yellowish brown silty loam mottled with 7.5YR 5/6 strong brown clayey silty loam. This feature is intruded on by

Feature 74 a squarish, darker, darker soil feature which may be a later post. 10 YR 3/3 dark brown silty loam.
Feature 75 an oblist posthole with a stump growing out of it. Surface is littered with mortar.

Emily and David are cleaning down unit 149 1A for photos.

Mark & Lynn are taking level 2B out of unit 75. We discovered yesterday while removing unit 34 that Fea. 20 does not extend into the unit 75 after Lynn and I removed the remaining 1A Level. Mark excavated level 2B in this unit. 2B lies entirely in the subsoil.

Emily and David are doing their paperwork for unit 149 1A

2:00
Mark and Lynn are still excavating level 2B in unit 75.

Emily & David have started the "dig thru" 2x2. Soil from these units will not be processed thru the screens but will be dumped directly onto the back dirt pile. Any artifacts noted will be packed into artifact bags. They are presently dealing with units 111, 112, 152, 153. No soil sample will be taken out of the SE corner of the 2x2. Levels designated 1Y. (1A & 1B together).

4:00
Emily & David have completed unit 111 1Y.

Lynn & Mark have smoothed down unit 75 2B for photo but will have to wait until tomorrow as Dick could not get to it by days end.

14 February 1985 Thursday ♡

Crew: Esther, Mark, Lynn, Emily, David.

weather: sunny & chilly

BAG #	Unit	LEVEL	PROV		excavator
459	112	1Y	S214	E221	DFL/EF
460	152	1Y	S213	E222	DFL/EF
461	153	1Y	S213	E221	DFL/EF
474	113	1Y	S214	E220	ER
* 475	114	1Y	S214	E219	TREE
476	154	1Y	S213	E220	LP/ER
477	155	1Y	S213	E219	MRM
478	33	2B	S216	E218	MRM/LP
488	74	2B	S&T5	E218	MRM/LP

trench Feature, units 111, 112, 152, 153 - FEA 10
Square Feature, unit 152 - FEA 82
edge of Posthole - Fea 26

Photos		B&W		COLOR	
Unit	Level	ROLL	FRAME	ROLL	FRAME
74	2B	17	7	21	8
153 / 152 / 112 / 111	2A	17	8 & 9	20	9 & 10

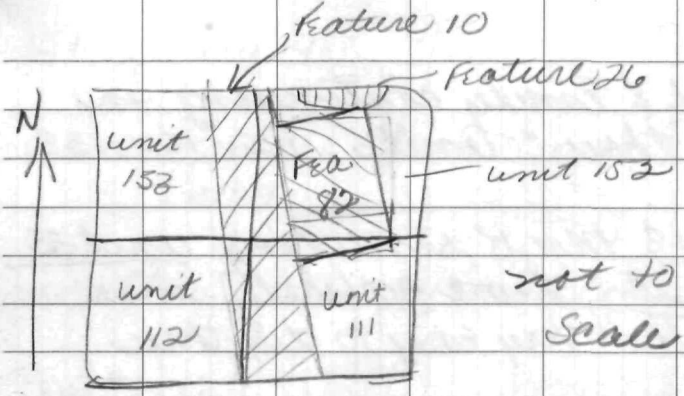
David & Emily continuing in "dig thru" units: 112, 152, 153.

Lynn & Mark removing unit 33 Level 2B, Level entirely in subsoil. Very easy to dig thru.

Mid morning:

David & Emily making good progress in units 112 & 152. David appears to be coming down on a feature or features although its rather premature to tell.

Lynn & Mark are really moving the dirt this morning. They have finished unit 33 2b and Mark is now screening it. Dick has photoed it. I am helping Lynn remove unit 74 2B. We are sloping unit to accomodate Feature 47 in the northeast corner. The circular feature encountered in



feature 10 - planting trench 1st encountered in David Muraca's units lies in all 4 units of 2x2 (111, 112, 152, 153).

feature 82 - sits flush against feature 10. Surface of feature is littered with bricks (big ones). Feature lies in units 111 & 152. ?function

Feature 26 - Edge of post mold 1st uncovered in Brenda / Andre's units. very little in unit 152.

level 2A of this unit.

Lunch

Emily and David are finishing up unit 153.

Lynn and Mark are cleaning down their 2x2 for a photo.

2:00 PM
Emily and David are finishing with their units are doing paperwork & cleaning for photos. They have 3 features in their 2x2 (see the description & sketch page 86).

Lynn & Mark starting a dig thru 2x2 units 113, 114, 154, 155 (see sketch page 81).

4:00 have closed Dave & Emily's units. Mark & Lynn still in progress

15 February 1985 Friday

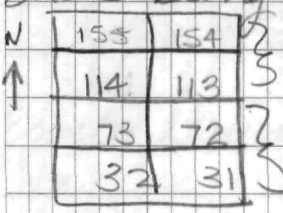
Crew: Esther, Emily, David, Mark
(Lynn is ill).

Weather: sunny & chilly.

Brg #	Unit	Level	Prev		Excavator
524	31	1Y	S216	E220	DFL
525	32	1Y	S216	E219	DFL
526	72	1Y	S215	E220	EF
527	73	1Y	S215	E219	EF

We are all digging thru chunkout units today:

2x2's being worked in:



Lunch 12:00-12:30

Still chunking out units. Tom has told us not to remove unit 114 as 90% of it contains a tree stump.

Emily has pulled Yesterworld out of her unit 73.

units completed: 155, 154, 73, 32,
in progress: 113, 72, 31

18 February 1985 Monday

Crew: Esther, David, Emily, Mark, & Lynn.

Weather: sunny (30's to 40's)

Features:

Unit	level	Feature #	
73	2A	47	circular stain
155	2A	104	brick hunk
155	2A	105	(?) posthole
154	2A	107	(?) posthole

Photos

Units			B & W Roll	B & W Frame	Color Roll	Color Frame
155	154	Fea 104	18	32	28	33
114	113	105				

We are working in chunk-out 2x2s still:

Mark:

155	154
114	113

N ↑ not to scale

Emily, David:

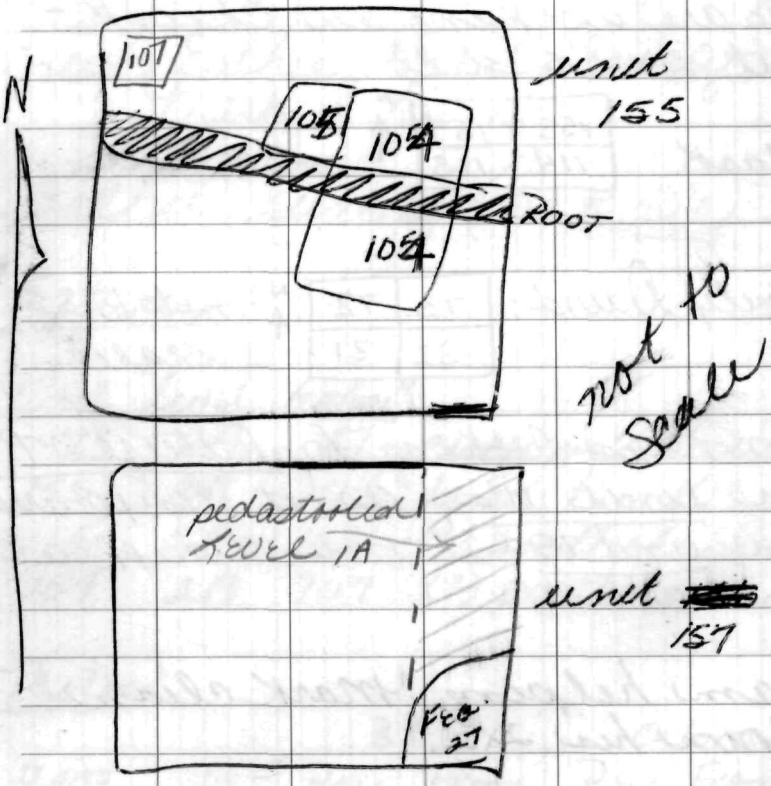
73	72
32	31

N ↑ not to scale

Lynn is looking for Feature 27 in unit 116, as it disappeared in unit 75. it may disappear in 116.

I am helping Mark clean down his 2x2.

Feature 27 does not exist in unit 116. again we had pedestooled Level 1A materials. Bagged materials: glass, brick metal (#225).
Lynn is helping Emily and David trowel down their units.



Feature 27 - possible planting trench.

Feature 104 - Squarish to rectangular shaped feature w/heavy brick concentration.

Feature 105 } possible post.
Feature 107

Lunch 12 - 12:30

3:00 - Mark's 2x2 is down & cleaned & photoed. He & Lynn are drawing right now.

Emily and David have finished their 2x2, it has been photoed and they are drawing.

Earlier this afternoon Lynn located the edge of Feature 27 in unit 156 (see sketch on pg 92.) part of what we had thought was feature 27 was, once again, pedastoled level 1A.

Mark has 3 features in his 2x2, see sketch page 92.

Emily and David have stringed in a new 2x2 and are starting to chunk U 810. However it is now closing.

19 February 1985 Tuesday

crew: Esther, David, Emily, Lynn, Mark

weather: overcast, 40's, feels like rain.

Bag #	unit	level	plot		excavator
590	769	1Y	S218	E220	EF/DFL
591	770	1Y	S218	E219	EF/DFL
592	810	1Y	S217	E220	EF/DFL
593	811	1Y	S217	E219	EF/DFL
594	117	1Y	S214	E216	LP/MRM
595	118	1Y	S214	E215	LP/MRM
596	158	1Y	S213	E216	LP/MRM
597	159	1Y	S213	E215	LP/MRM

Morning:
Emily and David are continuing in their new units:

811	810
770	769

N ↑ not to Scale

again this is another chunk out 2x2 where the units are being removed with 1x1 controls down to the subsoil. No soil will be screened.

Mark and Lynn are also opening up a new 2x2:

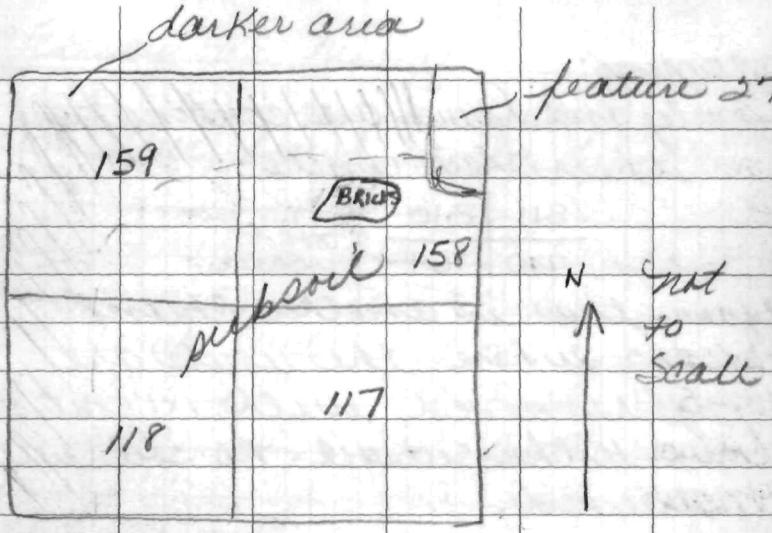
159	158
118	117

N ↑ not to Scale

Also another chunk out unit.

Lunch 12:00-12:30

Afternoon:
Emily & David are continuing in their 2x2. as are Lynn and Mark. Lynn and Mark have recovered vesterwold in their units. The unusual



thing about this unit is that it slopes down hill east to west so that it appears that there may be another one of those crazy planting trenches here; (or that once again we have left-over Level 1A!) at any rate David Singer has looked at the "anomally" and has decided to let Wheaton look at it once Lynn & Mark have it cleaned up.

3:00 - David & Emily have completed their 2x2 and are drawing

it, I am drawing too. There is absolutely nothing on the floor - no features present & only a few roots on the floors of 811 & 810. Photos have been taken.
3:45
David, Emily, & I joined Mark and Lynn in their 2x2 to finish cleaning it down. Wheaton came & looked at it and decided to have us map it and then remove it down to subsoil. So far the only known features in unit are feature 27 the planting trench which extends into unit 158's NE corner from unit 157. and then north into units 198 & 199. There is also a possible feature in unit 158 - a brick concentration just to the SW of feature 27.

20 February 1985 Wednesday

Crew: Esther, Lynn, Mark, Emily, David

bag	unit	level	prov		
635	35	1Y	S216	E216	DFL/EF
636	36	1Y	S216	E215	DFL/EF
637	76	1Y	S215	E216	DFL/EF
638	77	1Y	S215	E215	DFL/EF
666	444	1A	S206	E217	MRM/ER
667	443	1A	S206	E218	
668	484	1A	S205	E218	
669	485	1A	S205	E217	
* 670	443	1A	S206	E218	

↳ soil

Lynn, Mark, & I did drawings (planviews) of units in their 2x2 with darker stain before removal of stain (see sketch, page 96 & discussion page 97).

Emily and David have started a new 2x2:

77	76
36	35

N ↑ not to scale

this is also a chunk out unit.

10:30 AM - I've got the flu and am leaving for the day. Mark Mikeson is taking my place as crew chief.

Work continued on the units this morning. Lynn & I continued work on our frozen 2x2 as did Dave & Emily.

12-12:30 - lunch

afternoon - Lynn & I finished our 2x2. It was mapped, photo'd, paperwork turned in. A new unit was assigned by Julie & bag numbers by David. Work commenced on this new unit late in the day. David & Emily fought frozen ground in their unit all afternoon. Mark Nikerson.

Also, a feature was found in unit # 158. It was a small pile of bricks (see map, 2 pages preceding) and was assigned feature # 125.

21 February 1985 Thursday

crew: Esther, Mark, Lynn, Emily, & David

weather: sunny & marginally warm to mild.

Mark and Lynn in their 1x1 Unit 444 Level 1A. This is a normal excavation unit with screened dirt. Excavated as Level 1A thru the dark organic layer to the Level 2A sterile subsoil. Interesting artifacts being recovered - one is a transfer-printed (black) creamware body piece - the design is a woman's head.

David and Emily have finished their chunk out 2x2. Dick has photoed it and they are drawing their planviews. No features showing in unit, just roots.

77	76
36	35

N ↑ not to scale

Bag #	Unit	level	Prov		excavator
666	444	1A	S206	E217	MRM/LP
667	443	1A	S206	E218	DFL
668	484	1A	S205	E218	DFL/EF
669	485.	1A	S205	E217	ER
*670	443	1A	S206	E218	SOIL

485	484
444	443

NORTH

NOT TO SCALE

✓FEATURE 133 (U10044401A)

Photos		B&W		Color	
UNIT	LEVEL	ROLL	FRAME	ROLL	FRAME
444	1A (FEA 133)	21	11	27	12

10:00 Mark and David screening unit 444 1A dirt. Emily is assisting Lynn in the unit with rest of 444 level 1A. It's gotten very sunny and warmer.

Completed paperwork on Emily & David's 2x2 this morning.

Emily & David have begun unit 484 Level 1A.

Lunch 12:00-12:30 cupcake lunch! for Loretta's birthday

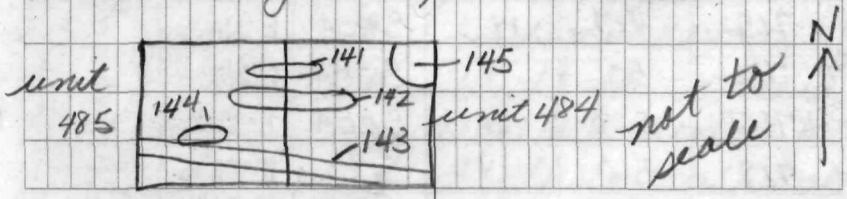
2:00 Mark & Lynn have taken the 1A level out of their unit and have come down on the sterile subsoil. Feature 133 an amorphus shaped feature lies on the floor and has small pebbles littering its surface. a small stump sits along the center of the south wall. Artifacts include, pearware

creamware, porcelain, bone, shell, nails, glass (bottle & window). Fairly heavy amount as compared to rest of units we have dug thus far. Also noted some late westerwold

Emily and David continuing in their unit, also a "normal" excavation unit. ie. we are screening it. Unit 484 Level 1A, Level is heavily "infested" with roots which is making the going rather difficult. Floor of unit (Level 2A) is bottoming on 4 features. All garden activity related. Muraca thinks we may have a post & pale fence line or lines as 3 of these features - 141, 142, & 143 are very long & very narrow (say 15 to 20 cm wide) affairs which extend across the unit into unit 485 and in the case of

feature 143 into unit 483 (Jeff Synder's unit). In the NE corner of the unit lies feature 145 a semi roundish-square. There is alot of bone in this feature particularly right in the NE corner against the wall. Function unknown.

I excavated unit 485 Level 1A. (My 1st very own unit!) Again lots of roots but the soil is wonderful - no more frozen dirt! This unit bottoms on Level 2A (the subsoil) and 4 features - 141, 142, 143, & 144. The first 3 features are continuations from Emily & David's unit 484 while 144 lies entirely in my unit. It may be a post hole along the fence line.



22 February 1985 Friday (Sergey's Birthday)

crew: Esther, Mark, Lynn, David, Emily.

weather: Warm!!!!!! 50-60°s and sunny.

features

#	unit	level	description
✓ 141	485	2A	northern most trench
✓ 142	485	2A	middle trench
✓ 143	485	2A	southern trench
✓ 144	485	2A	post associated with 143
* 145	424	2A	squared feature
✓ 151	445	2A	southern trench
✓ 152	445	2A	bust
✓ 153	487	2A	round feature

Bag #	unit	level	prov.	
712	445	1Y	S206	E216
713	446	1Y	S206	E215
714	486	1Y	S205	E216
715	487	1Y	S205	E215
716	526	1Y	S204	E217
717	525	1Y	S204	E218
718	566	1Y	S203	E218
719	567	1Y	S203	E217

610	609	608	607
569	568	567	566
528	527	526	525
487	486	485	484
446	445	444	443

N

445 S 206 E 216
446 S 206 E 215
486 S 205 E 216
487 S 205 E 215

525 S 204 E 218
526 S 204 E 217
527 S 204 E 216
528 S 204 E 215

566 S 203 E 218
567 S 203 E 217
568 S 203 E 216
569 S 203 E 215

607 S 202 E 218
608 S 202 E 217

609 S 202 E 216
610 S 202 E 215

photos:

Roll 22 frame 4 B&W } 485 | 484
Roll 29 frame 1,12 Color } 444 | 443

features

✓154 487 2A plant hole (SE)
✓155 486 2A bush SW corner
✓156 487 2A bush NW corner
✓157 487 2A plant hole next to 156
✓158 487 2A plant hole north wall
✓165 486 2A bush hole

troweled down and photoed units 484 & 485 1st thing this morning.

Lynn & Mark have begun a new 2x2 units: 445, 446, 486 and 487. This is a chunkout 2x2.

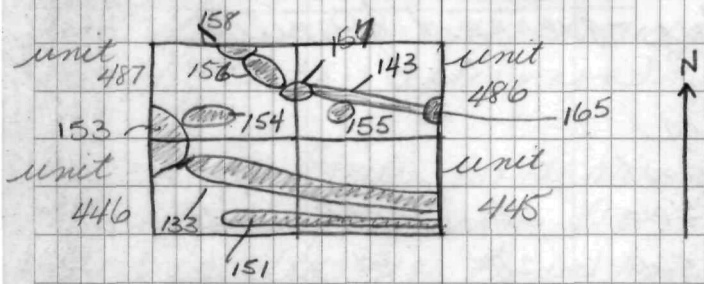
Emily and David have begun unit 443, Level 1A. This is a screen unit (i.e. a normal unit). Tons of roots in this unit. A little bit of Feature 143, a planting trench lies along the north wall but not much of it (scm worth).

Lunch 12:00-12:30.

Emily and David are finished with 443 Level 1A. They are now opening up a new 2x2 - units 525, 526, 566, & 567.

Lynn and Mark have completed their units - 445, 446, 486 & 487.

There is intensive cultural activity in these units, 7 features all total. Plus extensions of 3 others from a previous unit. See sketch below:



features 133, 143 and 151 are all planting trenches and features 152, 153, 154, 155, 156, 157 and 158 are planting holes. What we had thought of as post & pole fence line now appears to be a garden area (ie. formal gardens).

Emily & David are almost finished they will have clean up to do Monday. There is a mule mandible being in unit 525 on the surface of feature 145.

Lynn & Mark have planned units 445 & 446.

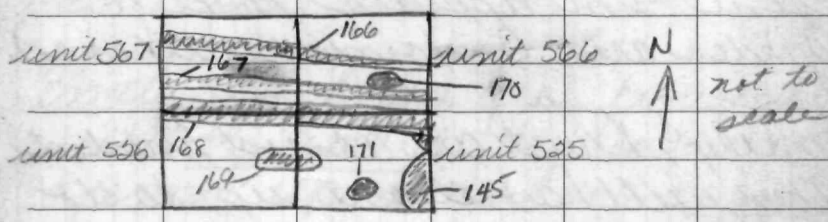
25 February 1985 Monday

crew: Esther, Emily, Mark
Lynn (until 2PM)
ill - David

weather - overcast & mild.

features)

#	unit		
166	566	2A	① northern trench
167	566	2A	2nd trench
168	525	2A	3rd trench
169	526	2A	④ southern trench
170	566	2A	planting hole
171	525	2A	oblong sandy stain



running a little short handed today. Mark and Lynn finished their plan views and began to aid Emily cleaning down her units - 525, 526, 527 and 528. This took the entire morning and most of the afternoon.

afternoon - Emily is drawing Mark is helping her. I am really short handed now. Lynn had to leave at 2PM to go back to Baltimore as her ride had left.

Features in units 525, 526, 527, 528 4 planting trenches: 166, 167, 168, 169 and 2 plant or bush holes - 170 & 171 also the NW corner of feature 145 in unit 525. More bone poping up - mandible is still in situ.

I caught up with paperwork today.

26 February 1985 Tuesday

crew: Esther, Emily, David, Mark and Lynn.

weather: overcast and damp w/occasional misting

bags	unit	level		
780	527	1Y	S 204	E 216
781	528	1Y	S 204	E 215
782	568	1Y	S 203	E 216
783	569	1Y	S 203	E 215
784	523	1A	S 204	E 220
785	524	1A	S 204	E 219
786	564	1A	S 203	E 220
787	565	1A	S 203	E 219

features)

	unit	level	
187	568	2A	bush hole
188	527	2A	trench
189	528	2A	round feature

565	564
524	523

N

not to Scale

new units assigned:
523 - S204 E220
524 - S204 E219
564 - S203 E220
565 - S203 E219

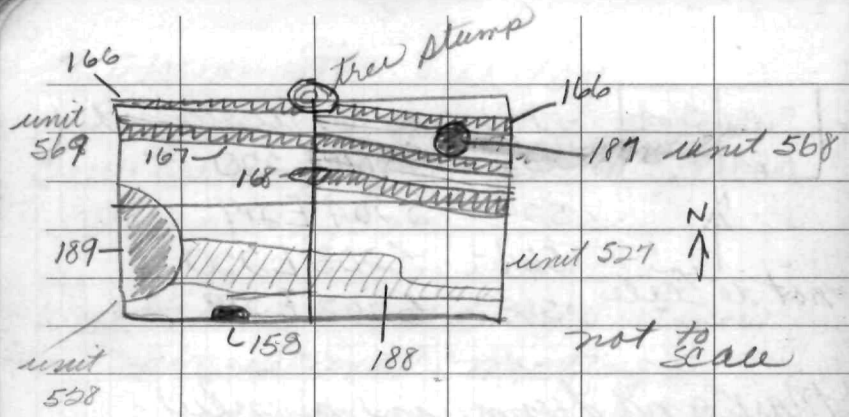
Mark and Lynn in a new chunk out 2x2 - units 527, 528, 568, 569.

David and Emily in screen units as diagramed at top of page. units 523 & 524

I spent morning writing feature forms.

Lunch 12:00 - 12:30.

Mark & Lynn have bottomed on 3 new features in their 2x2 as well as several features extending into the units from other units. Features are all garden related features:

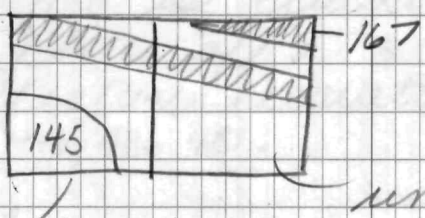


again the rather nebulous trenches - almost impossible to tell where the edges are or aren't.

4 trench features in the 2x2: 166, 167, 168 are extensions from other units. Feature 188 was 1st noticed in this 2x2.

3 plant hole features: 158 is a continuation of a feature located previously. 187 and 189 were located in this unit. Again rather nebulous edges w/ heavy pebble concentrations to mark the middle.

David and Emily are also down but Dick was too sacked up to take our photos this afternoon - will complete tomorrow morning. Unit 523 Level 1A bottoms on Features 167 & 168 - planting trenches discussed on previous page. Unit 524 Level 1A bottoms on Features 145 and 168. 145 being a large amorphus feature surrounding a stump and 168 - a planting trench.



27 February 1985 Wednesday.

crew: Esther, Mark, Lynn, David, Emily.

weather: overcast to sunny & cool to cold.

Bags	unit/feature	prov.		
830	F100145 Z14			EF DFL
842	F100154 C02	S205	E215	LP
843	F100154 C02	S205	E215	LP
844	F100154 C01	S205	E215	LP
845	607 fw. 1Y	S202	E218	MRM

David and Emily are removing units 564 and 565. Both are screen units. Dick has photed their units from yesterday

Mark and Lynn are completing the paperwork on their 5x2.

10AM - Mark is chunking out unit 607 which will give us a profile down to the road.

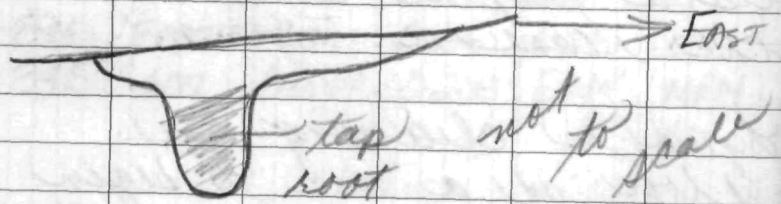
Lynn is cleaning the floor of a 2x2 to begin feature excavation - units 445, 446, 486, 487.

Lunch 12:00 - 12:30.

David & Emily pulled the mule mandible in feature 145 as it was becoming damaged. They are nearing final clean

down on units 564 & 565

Lynn has opened up feature 154 one of the bush holes so far it is rather strange there appears to be a tap root running thru the bottom of the 5½ of the feature (F100154C02). More or less in profile:



soil in the tap root area is slightly looser than in the upper feature. Soil is hard to follow. Surrounding Matrix is a tad yellower than that in the feature. But in the sunshine its hard to see any

color differentiation. The best definition is by texture. The feature walls & surrounding matrix are harder packed than the soil fill within the feature. Feature fill is loose and clumpy while the matrix shows off in lens. Material thus far: nails, stones, brick, shell.

Mark has completed unit 607 level 14. No features (for a change). Some nice stoneware recovered. Bottoms on subsoil with a very nice clear profile.
Photoed & planned.

28 February 1985 Thursday

crew: Esther, Mark, Lynn, Emily & David.

weather: sunny but cool but great!

Bags	feature #	prov.		excavator
878	F100156C01	S205	E215	MRM
* 879	F100156C01	S205	E215	MRM
917	F100156C02	S205	E215	MRM
918	F100~~166D11~~ 206A11	S203	E217	LP
* 919	F100~~166D11~~ 206A11	S203	E217	LP

* soil sample

Feature	unit	level	description
* 145	524	3A	bush hole
202	483	2A	bush hole
203	524	2A	bush hole

Feature designations

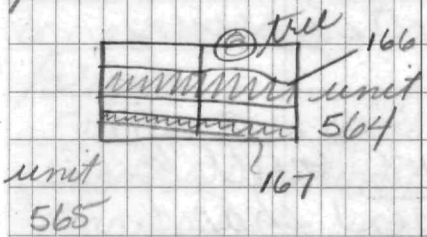
F100166D11 — trench in unit 567 West 1/2

F100166D12 - trench in unit 567 E1/2

F100166D13 - trench in unit 569

F100166D14 - trench in unit 565

David and Emily completing unit 564 & 565 paper work only 2 features: 166 & 167 trench features from previous units.



Lynn is down in Feature 154 S 1/2 F100154C02 and is propling and mapping.

Mark began Feature 156 N 1/2 F100156C01 a bush hole just to the northeast of 154.

Lunch 12:00 - 12:30

Lynn has completed Feature 154 very amorphus shaped feature with tap root in the center of it. Only architectural

artifacts recovered (i.e nails & brick fragments). Feature fill is weird. finding sides only by textural difference - fill is silty clay - dark yellowish brown, sides are harder packed strong brown silty clay.

Mark's feature 156, north 1/3 is very shallow, basin shaped. contained lots of pebbles and shell. again, loose silty clay beneath the dark area as contrasted with the hard packed silty clay walls. Recovered nails, glass.

David & Emely have completed their units. Along with Lynn they have started to work on Feature 166. One of the planting trenches.

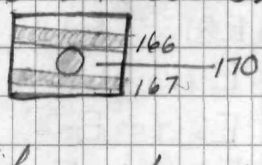
Mark is working on feature 157, another bush hole like

154 & 156.

Feature 166 - feature is located in 6 units: 564, 565, 566, 567, 568 and 569. Every other unit will be excavated - numbered as follows:

F100166D11 - unit 567 West 1/2
F100166D12 - unit 567 East 1/2
F100166D13 - unit 569
F100166D14 - unit 565

166 - in unit 567 is split in 1/2 as it is intruded on by Fea. 170. 170 lies between Fea 166 & 167. Therefore it was decided to section them along a joint profile line to get a handle on the situation, i.e.



which is sitting on which.

Lynn has uncovered a posthole at the base of 166D11. Feature 206.

1 March 1985 Friday (TGIF)

crew: Esther, Mark, Lynn, David, Emily.

weather: sunny & cool.

Bags	Feature	prov		excavator
931	F100166D13	S203	E215	DFL
* 932	F100166D13	S203	E215	DFL
933	F100 ~~166D14~~ 207A11	S203	E219	EF
* 934	F100 ~~166D14~~ 207A11	S203	E219	EF
935	F100157C02	S205	E215	MRM
936	F100157C01	S205	E215	MRM
* 937	F100157C01	S205	E215	MRM
938	F100206B11	S203	E217	LP
* 939	F100206B11	S203	E217	LP
954	F100158C02	S205	E215	MRM
* 955	F100158C02	S205	E215	MRM
956	F100158C01	S205	E215	MRM
957	F100207B11	S203	E219	EF
* 958	F100207B11	S203	E219	EF

Feature 206 - posthole, base of unit 166D11. (Level 2A)

*soil

Feature 206 B11: B11 = entire postmold removed in bulk not sectioned.

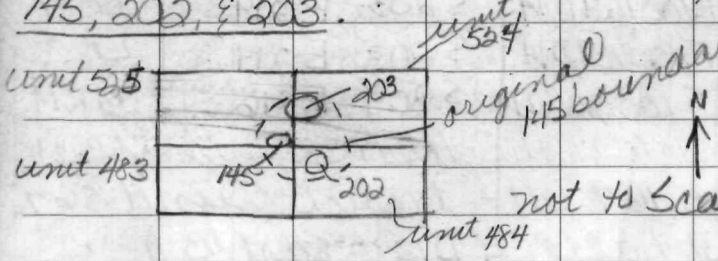
Feature 207 B11 - posthole unit 565 in 166 D14. B11 = entire postmold removed in bulk not sectioned

Bags	Feature	prov.	excavator
987	F100167D11	S205 E215	LP
* 988	F100167D11	S205 E215	LP
989	U648017	S201 E218	DFL
994	F100170C04	S205 E215	LP
* 995	F100170C04	S205 E215	LP
996	F100167D14	S203 E219	EF
* 997	F100167D14	S203 E219	EF
998	F100155C11	S205 E216	MRM

Feature 167 D11 - trench, unit 567 west half. (D12 = east 1/2)

Feature

Forgot to include in yesterday's discuss problem with feature 145. Feature 145 was once a large feature located in the 4 corners of a group of 4 units: 483, 484, 524 and 525. However after Pat Garrow looked at it he decided that it was remaining Level 1A and had David & Emily shovel scrape it down. The twins discovered 3 smaller features instead of one large feature all probable bust holes: features 145, 202, & 203.



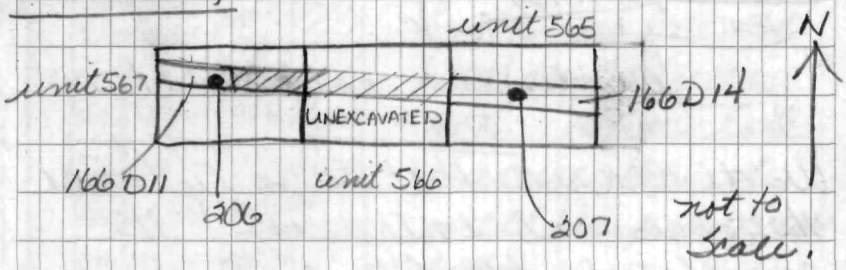
Morning

Feature 166

F100166D13 - David is down to

Base of the feature. Feature here is rather amorphous in shape. There is also a tree stump sitting in it (along the units eastern edge). The western end of feature dives down deeper than the east and gets much wider at this point probably due to the massive amount of roots growing in this particular spot.

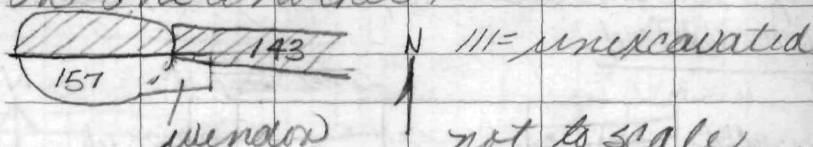
F100166D11 - Lynn is excavating the postmold at the bottom of the trench. Emily also has a postmold at the base of her section of the trench: F100166D14.



Dave Singer has suggested that

perhaps we should take unit 566 out as there may be another post there and its quite probable that we have a fence line now.
Emily and Lynn are removing the posts in bulk as they are too small to section (hence they are given the #11 designation) –
F100206B11 & F100207B11

Mark has spent the morning finishing feature 157 which I had him section with a small "window" so we could see if and/or where 157 & 143 intrude on one another.



We discovered that 2 only touch there is no intrusion. He completed the 5½ and while waiting for Singer to

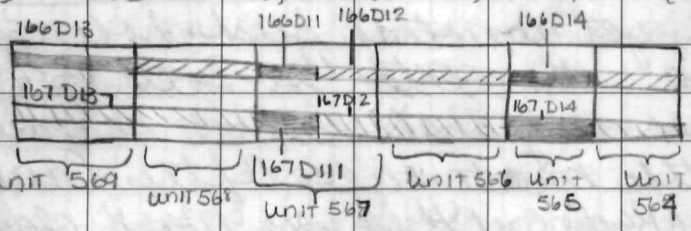
check it. He moved on to Feature 158, yet another bush hole & did its south 1/2. Both 157 & 158 were very shallow and contained little material. After David checked out these 2, Mark planned & profiled them, they were photoed and then he chunked out their north 1/2's.

David is removing the last 1x1 meter unit we had assigned to us: unit 648. (Chunk-level 14) It is located to the north of 607 and extends down to the road. It is being excavated so we can get a good look at the profile.

area we are in

Lynn has moved back to Feature 167. 167 is like Feature 166, it will be removed like 166. 167 is located in

6 units): 564, 565, 566, 567, 568 & 569



Late afternoon - everyone is tired. its been very confusing keeping everything straight.

Emily started Feature 167D14.

Mark started Feature 155. This is another bush hole. He has sectioned it removing W 1/2 1st. Again, shallow basin with an area of very loose clay beneath it. Singer is of the opinion that Mark was a little over enthusiastic about the removal of dirt. Looking at the profile I'd agree now but at the time the fill was so repulsive so as to almost render it

impossible to tell what the hell is going on. Whether or not we're still in feature or not. Texture is occassionally helpful but the bottom of every feature we've dug thus far has been very loose and indeterminate as to where it is... unlike the sides which are fairly easy to define

Closing 4 PM (Cleanup)
To be done

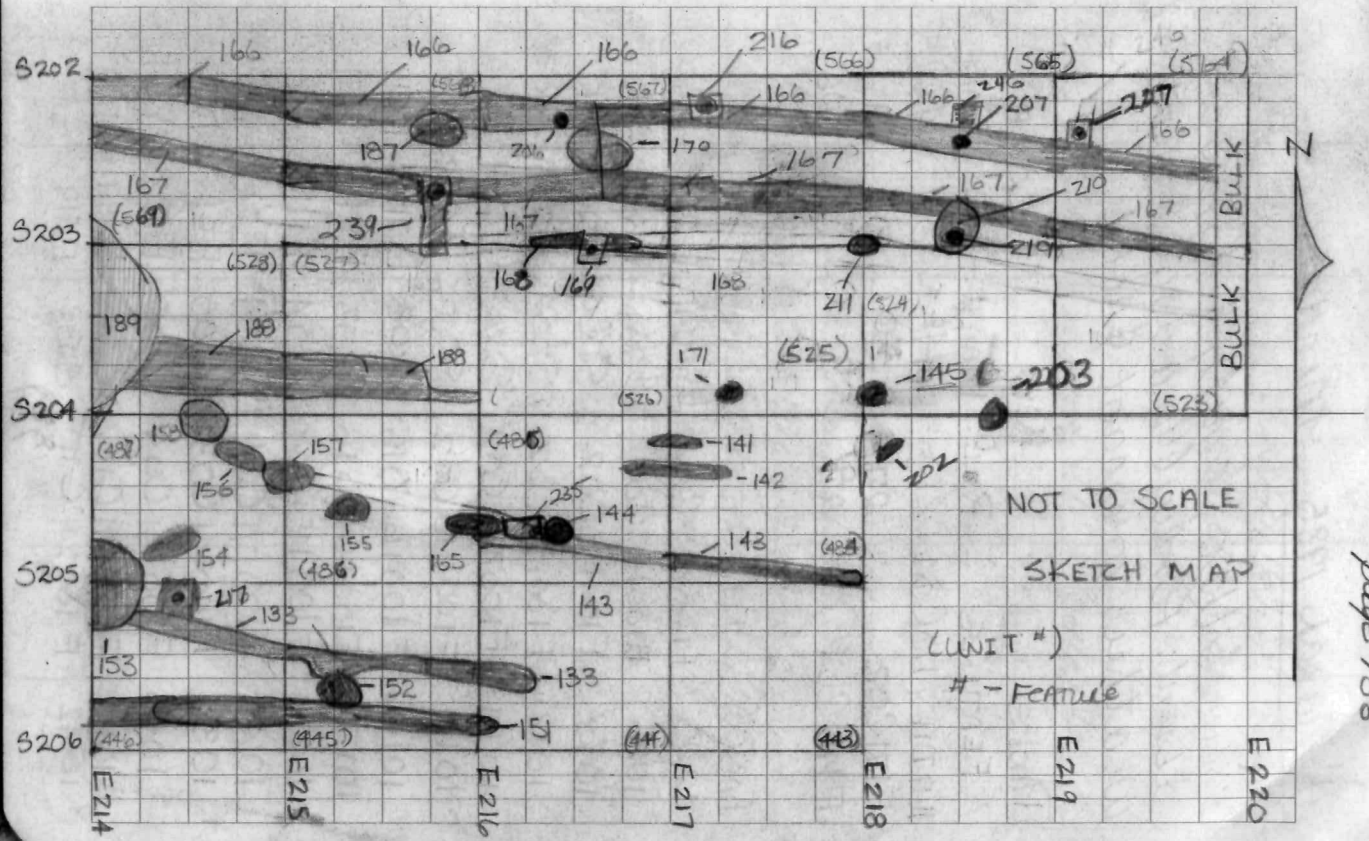
1. Measurements for David's units.

2. Continue on F167 D11 & 14

3. Continue in F155

4. Profile F166 D14 & F207

Feature	Started	Finished	Feature	Started	Finished
✓ 133	3/6/85	3/7/85	✓ 203	3/7/85	3/7/85
✓ 141	3/4/85	3/5/85	✓ 206	3/1/85	3/1/85
✓ 142	3/4/85	3/5/85	✓ 207	3/1/85	3/1/85
✓ 143	3/8/85	3/12/85	✓ 210	3/5/85	3/5/85
✓ 144	3/8/85	3/8/85	✓ 211	3/4/85	3/5/85
✓ 145	3/4/85	3/4/85	✓ 216	3/5/85	3/6/85
✓ 151	3/8/85	3/8/85	✓ 217	3/5/85	3/6/85
✓ 152	3/7/85	3/7/85	✓ 219	3/6/85	3/6/85
✓ 153	3/12/85	3/12/85	✓ 227	3/7/85	3/12/85
✓ 154	2/27/85	2/28/85	✓ 235	3/11/85	3/12/85
✓ 155	3/1/85	3/5/85	✓ 239	3/11/85	3/12/85
✓ 156	2/28/85	2/28/85	✓ 246	3/12/85	3/13/85
✓ 157	3/1/85	3/1/85			
✓ 158	3/1/85	3/1/85			
✓ 165	3/11/85	3/12/85			
166	2/28/85	3/21/85			
✓ 167	3/1/85	3/11/85			
✓ 168	3/8/85	3/11/85			
✓ 169	3/8/85	3/11/85			
✓ 170	3/1/85	3/4/85			
✓ 171	3/4/85	3/4/85			
✓ 187	3/7/85	3/11/85			
✓ 188	3/11/85	3/12/85			
✓ 189	3/12/85	3/12/85			
✓ 202	3/7/85	3/7/85			


S202
S203
S204
S205
S206
E214
E215
E216
E217
E218
E219
E220
BULK
BULK
Z
NOT TO SCALE
SKETCH MAP
(UNIT #)
- FEATURE

4 March 1985 Monday

Crew: Esther, Emily & Lynn.
absent: Finley (1/2 a day) & Mark.
Weather: overcast & cold.

Photos	B&W		Color	
Features	Roll	Frame	Roll	Frame
167 D11 & 170 C04	26	24	39	14 & 15
F171 C02	27	2	39	24 & 25
F145 C04	27	3	39	26

Bags	Feature	Prov		
1005	F100145 C04	S204	E219	ER
* 1006	F100145 C04	S204	E219	ER
1012	F100171 C02	S204	E218	ER
* 1013	F100171 C02	S204	E218	ER
1014	F100210 C02	S203	E219	EF
* 1015	F100210 C02	S203	E219	EF
1016	F100166 D16	S203	E218	DFL
* 1017	F100166 D16	S203	E218	DFL
1027	F100145 C03	S204	E219	ER
1028	F100171 C01	S204	E218	ER
* 1039	F100141 C03	S205	E218	DJ
1040	F100141 C04	S205	E218	DFL
1041	F100211 ~~C11~~ B11	S203	E219	EF
* 1042	F100211 ~~C11~~ B11	S203	E219	EF

Lynn - cleaning down 167 D11 for a photo & 206C04. Will profile when finished

Emily - continuing to excavate 167 D14.

Esther - beginning 145C04.

10AM - it's raining, what a miserable day. We are under shelter.
Esther - I am down in 145's west 1/2 (145C04), entire half taken as soil sample. Very very shallow burst hole. Noted brick, shell, glass & 1 piece of buff banded combed slipware.

Lynn - almost completed East profile of Features 166D11, 167D11 and 206B11. She will do the south profile of 166D11 & 206B11 next.

Emily is almost finished

with Feature 167 D14.

11:30 - Lynn completing south profile F166D11 and 206B11. Emily completing map of Feature 167 D14. I have completed 171C02 (3½) excavation and I am drawing plans & profiles of 145C04 & 171C02

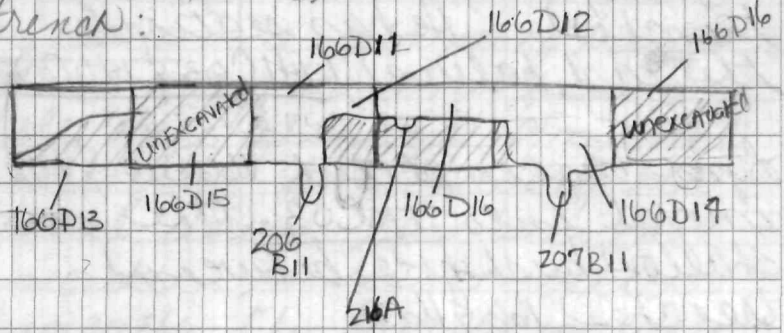
Lunch 12:00 - 12:30

David Lupe appeared on site this afternoon. I am back up to full quota.

Photos	B&W Roll	B&W exp#	Color Roll	Color Exp#
F167D14, 210, 211	27	4	39	27, 28
F171 completed	27	5	39	29, 30

Bags	Feature			
* 1043	F100142C03	5205	E217	DJ
1044	F100142C04	5205	E217	ER
1047	F100170C03	5203	E217	LP

Feature 216 - post appeared in the bottom of 166D16. 166D16 is the section of Feature 166 located in unit 566. Feature 216 is actually a post mold & hole. David is excavating this trench. It is much shallower at this point than 166D11 or D14. Lynn is excavating 166D12 it also is much shallower than 166D11 or D14. What I think is happening here is that D11 & D14 are actually post mold/hole's and that D12 & 16 are the actual trench:



This means that 4 bags will have to be changed, from Fea 166 designations to Features 206 &

207 designation:
918 & 919 (soil) become 206A11 (11 = entire feature removed).
933 & 934 (soil) become 207B11 (11 = entire post mold removed.

David Jones joined us this afternoon. He helped Emily finish her 167D14 plan & he drew the profile for Feature 210. Emily is excavating Feature 211 a bush hole. David has sectioned features 141 and 142, 2 very very very shallow (?) planting trenches. He has sectioned the east halves (141C03 & 142C03)

Lynn has completed 166D12 & has moved into 170C03. (The shallow bush hole between trenches 166 & 167.

Pat Garrow feels that feature 166 is architectual in nature and is hence not a planting trench

5 March 1985 | Tuesday

crew: Esther, Emily, David, Lynn and Mark.

weather - warm & sunny!!

10AM: Mark is finishing up 155C11 - 11 denotes entire feature removed and bagged together. Even though it was removed in seperate halves (West then East).

Lynn is removing Feature 167B-12 - a planting trench. There may be another post hole there although I'm not sure yet - I'm having her trowel down the surface inorder to see it better. basically the trench is very narrow here and it widens out all of a sudden.

David cleaned up 166D16

* = SOIL SAMPLE

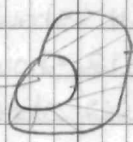
Bag	Feature			
* 1055	F216 B11	S203	E218	DFL
1056	F167 D12	S203	E217	LP
* 1057	F167 D12	S203	E217	LP
* 1058	F216 B02	S203	E218	DFL
1059	F216 B01	S203	E218	DFL
* 1069	F155 C11	S205	E216	MRM
1070	F211 ~~C12~~ A11			EF
* 1071	F211 ~~C12~~ A11			EF
* 1085	F216 A02	S203	E218	DFL
* 1086	F217 A03	S206	E215	MRM
* 1087	F217 B03	S206	E215	MRM
1092	F217 A03	S206	E215	MRM
1096	F216 A02	S203	E218	DFL
1097	F217 A04	S206	E215	MRM
1098	F217 B04	S206	E215	MRM

219 post
under 210.

for a photo and is now on a long waiting list for the photographer so he is profiling & planning Feature 141 and 142.

11 AM

Emily is still working on 210 which is a strange feature. Bottom of it wanders all over - probably from roots but while it at 1st looked small on the surface it got real big with depth. And now has a mottled border around where the bust hole was:



Emily has planned it and is now excavating it. I had originally thought that this was a post and post mold combination. Tom

disagreed with me, calling it a bust or plant hole. Now that she is finished it sure looks like a post & mold to me. Dave Singer looked at it too and agreed with me. This of course requires changing the bags again.

photos for 141 & 142 C03
B&W roll: 27 exp: 21
Color roll: 40 exp: 24,25

Bag changes for feature 211.

1041 WAS F211C11 should be 211B11
1042 WAS F211C11 should be 211B11 (soil)
1070 WAS F211C12 should be 211A11
1071 WAS F211C12 should be 211A11 (soil)

11:30: Mark has completed 155 and will be cleaning down units 445 & 446 in order to locate Feature 133 a (?) planting trench).

unfortunately he has located another post hole/mold combination along the northern edge of the trench in unit 446. New post hole & mold - Feature 217.

Lunch 12:00-12:30

Lynn - planning features 166D111, 167D111, 170 and 206.

David is excavating feature 141, west 1/2. Two scrapes with the trowel and 142 disappeared. Both of them are 3cm deep at the most.

Emily is done with Feature 211. She did an after the fact profile of it (i.e. she drew a north/south profile of the shape of the feature after excavation). She is now excavating Feature 210.

She came down on a pile of bricks in situ in 210. She mapped it (no photos) as per Tom's instructions. She removed the bricks and under them is another possible postmold: feature 319. She is cleaning this down for a plan and a photo.

6 March 1985 Wednesday

crew: Esther, Mark, Emily, David, Lynn

weather: sunny & cold.

Bags	feature	PROV. (UNIT)	
1112	F100133D11	S206 E215 (446)	MRM
✓* 1113	F100133D11	S206 E215 (446)	MRM
1114	F100167D13	S203 E215 (569)	DFL
* 1115	F100167D13	S203 E215 (569)	DFL
1144	F100216A01	S203 E218 (516)	DFL
1145	F100219A11	S203 E219 (567)	EF
✓* 1146	F100219A11	S203 E219 (567)	EF
1166	F100133D12	S206 E216 (445)	MRM
✓* 1167	F100133D12	S206 E216 (445)	MRM
1171	F100166D17	S203 E220 (564)	LP
✓* 1172	F100166D17	S203 E220 (564)	LP

photos	B&W			
167 D13	28	12	42	17 & 18
216/166	28	22	43	3 & 4

1178	F100166D15
✓* 1179	F100166D15

9 AM

Lynn is finishing up the last of the 166D12, 166D13, 170C and 206 A&B drawings.

Emily is finishing her map of 319A.

David is finishing up 167D13 (maps, photos).

Mark is finishing up the paperwork on 133D11.

I am trying to write the feature report for feature 166 entire.

11 AM

Lynn is scraping down 166D17 unit 564. There appears to be a possible Feature to the north of 166 But she needs to remove some 1A that is left in the northeast corner. I also

want her to slowly remove this one as I'm tired of finding post mold holes after we've wiped out the top 10-15 cm. But the soil is so nebulous its almost impossible to tell what is what - where feature stops or subsoil begins. It appears at times that some of these features are just slightly heavier mottled areas of subsoil.

Emily is excavating 219A11 entire removed. This one started small at the top and got larger & wider with depth. It's also full of bricks. Emily located it under bricks at the bottom of 210 and it continues to contain bricks.

David has moved over

to 216, has done all its paperwork & is now removing the north 1/2 of the posthole.

Mark is still working on 133 D11/12 basically its a fairly shallow planting trench. Pretty boring.

Lunch 12:00-12:30

afternoon - I'm still struggling with that stupid feature report, 166.

Emily is still excavating 219 A11. It appears to be on its way to China. Its also full of bricks still.

Lynn is continuing down in 166 D17. It appears to be rather shallow without any thing in it.

David is completing feature

216A - he is just about done with it (has some paper work to do.) He is also going to finish up the last of Feature 166D15 (unit 568). Which is intruded on by feature 187C (a bush hole).

Mark has finished 133D12 and is completing the paperwork before beginning 133D13.

7 March 1985 Thursday

crew: Esther, David, Emily, Mark and Lynn.

Weather: partly sunny & chilly.

Lynn has cleaned 166D17 down for its photo & there is a feature to the north - 227 a post mold/hole feature. She is sectioning it east/west removing west 1/3 1st: 227B04 and then 227A04.

Mark is finishing off 133D13 - he uncovered a point tip.

Emily finished 219A11 paperwork and is presently sectioning 202. Large Brick on surface.

David is sectioning 187C04. It's begining to look like 210/211 full of brick. He is planning it at present.

*soil

Bag	feature	prov (unit)	
1186	F133 D13	S206 E217 (444)	MRM
* 1187	F133 D13	S206 E217 (444)	MRM
* 1188	F227 B04	S203 E220 (564)	LP
1189	F227 A04	S203 E220 (564)	LP
* 1190	F227 A04	S203 E220 (564)	LP
1191	F187 C04	S203 E216 (568)	DFL
* 1192	F187 C04	S203 E216 (568)	DFL
1212	F202 Z11	S205 E218 (484)	EF
1213	F202 C04	S205 E218 (484)	EF
* 1214	F202 C04	S205 E218 (484)	EF
1215	F227 B04	S203 E220 (564)	LP
1216	F227 A03	S203 E220 (564)	LP
1217	F227 B03	S203 E220 (564)	LP
1218	F187 C03	S203 E216 (568)	DFL
1219	F202 C03	S205 E218 (483)	EF
1220	F152 C04	S206 E216 (445)	MRM
* 1221	F152 C04	S206 E216 (445)	MRM
1222	F152 C03	S206 E216 (445)	MRM
1223	F203 C04	S204 E219 (524)	EF
* 1224	F203 C04	S204 E219 (524)	EF
1225	F203 C03	S204 E219 (524)	EF
1226	F151 D11	S206 E215 (446)	MRM
* 1227	F151 D11	S206 E215 (446)	MRM
1228	F167 D15	S203 E216 (568)	DFL
* 1229	F167 D15	S203 E216 (568)	DFL

Lunch 12:00-12:30
Have to go to Baltimore for the afternoon Emily & David are crew chiefs

@ 1:00 - 1:15 (?)

Time has no meaning since the watch-lady (Esther) took off. Mark has completed Feat. 133, both in terms of excavation and paperwork.

FEAT. 133 D-13 photo #s

	Roll	exp.
B&W	29	11
color	44	21, 22
Feature	202C	
B&W	29	13
Color	44	24 & 25

Emily finished Feat. 202 & 203.
Lynn still working on post hole 227.
Mark working on paper on 152.
Findlay nearly done on 187. Bye for now

8 March 1985 Friday

Crew: Esther, Lynn, Emily, David
(Mark has been rotated to
the brush clearing crew).

Weather: damp, clammy, rain

Mark with us until 9:30 AM
then left to join brush crew
clearing areas for backhoe.

Bag #	feature	prov (unit)	excavatr
1267	F143 D11	S205 E218 (484)	EF
* 1268	F143 D11	S205 E218 (484)	EF
1269	F144 C08	S205 E217 (485)	LP
* 1270	F144 C03	S205 E217 (485)	LP
1271	F144 C04	S205 E217 (485)	LP

photos	B&W		Color	
description	roll	exp#	Roll	exp#
144 C03	29	25	45	11 & 12
151 D11	29	26	45	13 & 14

Feature 235 bottom of 144 in
unit 485, level 2A
intersects 165,

Well the "water lady" is back. We are HUNG OVER! (David's exact editorial comment). As its raining & miserable we are under the shelter.

Emily is excavating Feature 143D11 (another planting trench).
Lynn is excavating Feature 144C03 another (I hope) bush or plant hole.
David is completing the 181C paperwork.
Mark was with us until 9:30 AM - he completed the 152C paperwork.
Dan going over completed feature forms this morning

Shelter is leaking like a sieve. Lynn has come down on another feature beneath 144 this is a post hole & mold combination. 144 was a bush hole. At this point there are 4 intrusive features

BAG#	FEATURE				
* 1298	F151	D12	S206	E215	EF
1299	F188	Z04	S204	E216	MRM
1300	F165	C02	S205	E217	ER
* 1301	F165	C02	S205	E217	ER
1302	F165	C01	S205	E217	ER
* 1303	F167	D17	S203	E220	EF
1304	F165 A11 & 235 A11 INTERFACE		S205	E217	LP
* 1305	F235	A09	S205	E217	ER
1306	F235	A10	S205	E217	ER
1307	F235	B09	S205	E217	ER
* 1308	F235	B09	S205	E217	ER
1309	F235	B10	S205	E217	ER
1310	F143	D12	S205	E217	ER
* 1311	F143	D12	S205	E217	ER

D12 1566)
Feature 168 D14 disappeared 1567, 56
in this area. 143 a planting trench runs thru here (143 D12) 144 a bush or plant hole, 165 another bush or plant hole. and the new feature - 235 a post hole/mold. I am having Lynn dig an interface "window where 143, 235, & 165 meet to determine whats going on; all material bagged together.

David discovered that 187C takes a dive for China when cleaning it up for a photo. it goes really deep. While cleaning he hit a brick at the bottom & when he moved it... oh no. This thing is beginning to act like Emily's feature 219... swaling it in depth, perhaps even deeper.

Emily has finished 143 D11, she

can't take 143 D12 out yet because Lynn is working on the 143 D12/144/165/235 mess.
So, Emily is finishing up feature 151 - D12, Mark has already removed D11.

Lynn's window shows the following:
143 D12 is the earliest feature intruded on by 235 & 165. (144 has already been seen to intrude on it too.
144C is the next feature.
235 A&B cuts thru 144. Then 165C cuts thru the western edge of 235.
Lynn is drawing the plan.

David is still headed for China in 187C

Emily is now in 167 D17 excavating the last of the

planting trench left for Feature 167, She is in unit 564.

Mark wandered back they're finished for the day He is cleaning off the top of Feature 188Z (an unknown blob of a feature).

Emily is searching for feature 168. (She has finished 167D17) Feature 168 was suppose to be another 6 meter long 15 to 20 cm wide feature but it has disappeared with traveling in units 566, 567 & 568 It may be that we got a little too excited about planting trenches after 166 & 167 were uncovered and just imagined ourselves another one - i.e. 168 just to the South of 166 & 167.

BAG#	FEATURE				
1323	F187C11				DFL
* 1324	F169A11				EF
* 1325	F168D11				EF
* 1333	F169B04				EF
* 1334	F169A04				EF
1335	F168D11				EF
1374	F239Z04				DFL
* 1375	F239Z04				DFL
1373	F188Z11				MRM

INDEX OF
CURVE AND REDUCTION TABLES

Table I—SLOPE STAKE

Table II—STADIA CORRECTION AND HORIZONTAL DISTANCES

Table III—TRIGONOMETRIC FORMULAE

Table IV—NATURAL TRIGONOMETRICAL FUNCTIONS

CURVE FORMULAE

Table V—TANGENTS AND EXTERNALS TO A 1° CURVE

USEFUL RELATIONS

Table VI—INCHES TO DECIMALS OF A FOOT

Table VII—MINUTES IN DECIMALS OF A DEGREE

Table VIII—MIDDLE ORDINATES OF RAILS

Table IX—SHORT RADIUS CURVES

Table X—RODS IN FEET, 10THS AND 100THS OF FEET

Table XI—LINKS IN FEET, 10THS AND 100THS OF FEET

TABLE X. RODS IN FEET, 10THS AND 100THS OF FEET

Rods	Feet	Rods	Feet	Rods	Feet	Rods	Feet	Rods	Feet
1	16.50	21	346.50	41	676.50	61	1006.50	81	1336.50
2	33.00	22	363.00	42	693.00	62	1023.00	82	1353.00
3	49.50	23	379.50	43	709.50	63	1039.50	83	1369.50
4	66.00	24	396.00	44	726.00	64	1056.00	84	1386.00
5	82.50	25	412.50	45	742.50	65	1072.50	85	1402.50
6	99.00	26	429.00	46	759.00	66	1089.00	86	1419.00
7	115.50	27	445.50	47	775.50	67	1105.50	87	1435.50
8	132.00	28	462.00	48	792.00	68	1122.00	88	1452.00
9	148.50	29	478.50	49	808.50	69	1138.50	89	1468.50
10	165.00	30	495.00	50	825.00	70	1155.00	90	1485.00
11	181.50	31	511.50	51	841.50	71	1171.50	91	1501.50
12	198.00	32	528.00	52	858.00	72	1188.00	92	1518.00
13	214.50	33	544.50	53	874.50	73	1204.50	93	1534.50
14	231.00	34	561.00	54	891.00	74	1221.00	94	1551.00
15	247.50	35	577.50	55	907.50	75	1237.50	95	1567.50
16	264.00	36	594.00	56	924.00	76	1254.00	96	1584.00
17	280.50	37	610.50	57	940.50	77	1270.50	97	1600.50
18	297.00	38	627.00	58	957.00	78	1287.00	98	1617.00
19	313.50	39	643.50	59	973.50	79	1303.50	99	1633.50
20	330.00	40	660.00	60	990.00	80	1320.00	100	1650.00

TABLE XI. LINKS IN FEET, 10THS AND 100THS OF FEET

Links	Feet	Links	Feet	Links	Feet	Links	Feet	Links	Feet	Links	Feet
1	0.66	18	11.88	35	23.10	52	34.32	69	45.54	86	56.76
2	1.32	19	12.54	36	23.76	53	34.98	70	46.20	87	57.42
3	1.98	20	13.20	37	24.42	54	35.64	71	46.86	88	58.08
4	2.64	21	13.86	38	25.08	55	36.30	72	47.52	89	58.74
5	3.30	22	14.52	39	25.74	56	36.96	73	48.18	90	59.40
6	3.96	23	15.18	40	26.40	57	37.62	74	48.84	91	60.06
7	4.62	24	15.84	41	27.06	58	38.28	75	49.50	92	60.72
8	5.28	25	16.50	42	27.72	59	38.94	76	50.16	93	61.38
9	5.94	26	17.16	43	28.38	60	39.60	77	50.82	94	62.04
10	6.60	27	17.82	44	29.04	61	40.26	78	51.48	95	62.70
11	7.26	28	18.48	45	29.70	62	40.92	79	52.14	96	63.36
12	7.92	29	19.14	46	30.36	63	41.58	80	52.80	97	64.02
13	8.58	30	19.80	47	31.02	64	42.24	81	53.46	98	64.68
14	9.24	31	20.46	48	31.68	65	42.90	82	54.12	99	65.34
15	9.90	32	21.12	49	32.34	66	43.56	83	54.78	100	66.00
16	10.56	33	21.78	50	33.00	67	44.22	84	55.44	101	66.66
17	11.22	34	22.44	51	33.66	68	44.88	85	56.10	102	67.32

2/14 - Lynn
7/1 - David
March { 9/11 - Emily
9/21 - allyson

G-2: well

area 2 - H

area 3 - I 1 (units) & clearing
I 2 (trench)

area 4 - terrace - J-1 (trench
J-2 (units)
J-3 (10X10)

area 5 - K

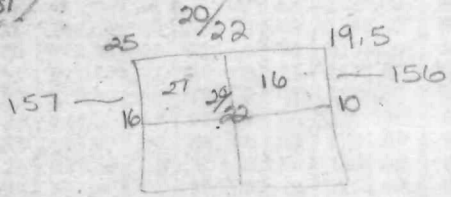
area 6 - L

A-Z FEATURE TYPE

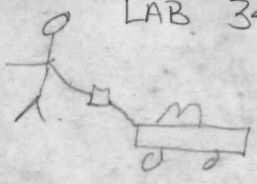
A —

01. NORTH 1/2
02. SOUTH 1/2
03. EAST 1/2
04. WEST 1/2
05. NE 1/4
06. SE 1/4
07. NW 1/4
08. SW 1/4
09. N 1/2 Post
10 S 1/2 Post

PROV. W/IN FEATURE



OFFICE DC. 426-6660 (202)
LAB 344-3442



179 A04 1815
*1816

11