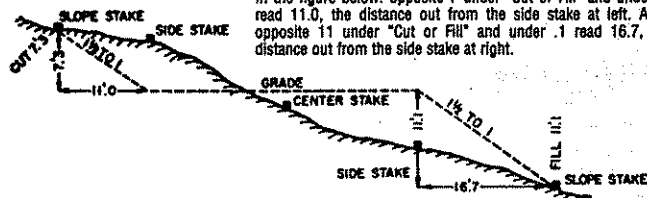


DISTANCES FROM SIDE STAKES FOR CROSS-SECTIONING

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	Distance out from Side or Shoulder Stake										Cut or Fill
	0	.1	.2	.3	.4	.5	.6	.7	.8	.9	
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

Darlene

The paper in this book is made of 50% high grade rag stock with a WATER RESISTING surface sizing.

[illegible][illegible]

2/4/13 BATESZ MMT CN/AV

1 N 1012.908 E 501.770 H 58.045

2 N 984.282 E 471.867 H 58.899

3 N 1016.420 E 531.542 H 60.392

4 N 1024.339 E 527.673 H 60.196

129 - 210 Elevations

211-223 Fence

224-260 Elevations

2/8/12

1408-1435 surrounding field elev.
from Pt. 4

1436-1444 Along Far side of road

2-4-13 Feltus

F. Pt 2
N 503.818
E 519.299
H 75.926

Pt ID

3 GPS Pt 1 N 490.060 E 485.153 H 68.813

4 GPS Pt 2 N 419.099 E 469.549 H 68.606

To Foster:

61

Washington

Margaret Rd - K

@ Y Foster Main Rd

Cross St. Cath. Church

2/5/13 - Smith Creek (Job SCD)

FP6 N1063.478 E605.428 H29.101

FP7 N1106.874 E617.573 H28.477

FP9 1147.355 609.434 27.449

Pt ID

5-185

elevations

from station 6

S Plaza + Mound C North
throughout plaza, road, etc.

FP11 1076.035 637.790 32.944

Pt ID

186-244

elevations

from station 11

S side of MC, top

FP 21 1029.690 638.130 22.480

22 1064.383 653.056 22.354

23 1103.306 664.310 22.257

Pt. ID

245 - 390

South Side of Mound C Bottom

391 = Bad Point

Shooting from 23

Pt. ID

392 - 409

Bottom of Northern Creek
Bank

Pt. ID

410 - 427

Bottom / foot of Southern Creek
Banks

2/6/13	Bayou Pierre (BDD)		
Fixpoint	N	E	H
3	628.911	982.131	39.538
4	619.585	992.872	39.482
5	618.592	984.403	39.739
Pt. ID	428-541	Elevations	MD
Fix Pt	N	E	H
3A	219.774	492.768	40.840
7A	230.855	482.125	40.908
Pt. ID	542-709	Elevations	MA
	shot from Pt. 3A		
Pt. ID	710-737	Outline Mound Summit	
	shot from Pt 3A		
Pt. ID	738-748	Far side of New Road	
	749-761	top of bank of New Road	
	shot from Pt 3A		
Pt. ID	762-811	Wedge elevations	
	shot from Pt 3A	S of Mound	

Fix Pt	N	E	H
8A	239.800	517.725	35.225
East of 1A	164.971	439.662	37.768
2A	80.840	461.055	37.599
West of 5A	278.384	411.373	36.763
Pt. ID	812-836	corner of Md. A	
	from Pt 8A		
Pt. ID	837-845	bottom of old road bank (w)	
	846-854	center of old road	
	855-863	bottom of old road bank (E)	
	864-872	top of old road bank (E)	
	873-880	a few steps into the woods	
Pt. ID	881-889	Few steps into Field on	
	from pt. 1A	west side new road	
	890-914	bottom of bank new road	
	from pt. 1A	east side	

2/7/13	Smith Creek Day 2	MK/AV	
915 - 1005	denver Pts on S side of MC		
	shot from 21		
1006 + 1007	BAD POINTS		
1008 - 1019	River bank (N)		
1020 - 1022	Elevations		
1023 - 1034	River bank Southside		
	N	E	H
FP 1146.959	636.934	28.130	
7	1106.874	617.573	check in E NWS 28.622
1	1061.460	581.664	28.433
2	1055.634	533.632	29.061
New 32	1146.979	636.903	28.152
1035 - 1043	That one plaza turn set		
1044 - 1058	Road Outline North East end of site		
1059 - 1103	Elevations		

2/8/13	MK/AV	Henderson	36 HEND-D
1104 - 1122		Inner Pavl Perimeter	
1123 - 1196		Pond Berm Elevations	
1197 - Bad Point		Mound Elevations	
1198 - 1371		Mound Elevations	
	N 1033, 198	E 553.906	H 56.648
1372 - 1386		Fence line	
1387 - Bad Point			
1388 - 1390		Fence line cont.	
1391 - 1407		Elevations	
2/8/13	cont. - finish filling in Pts @ Bates #2		

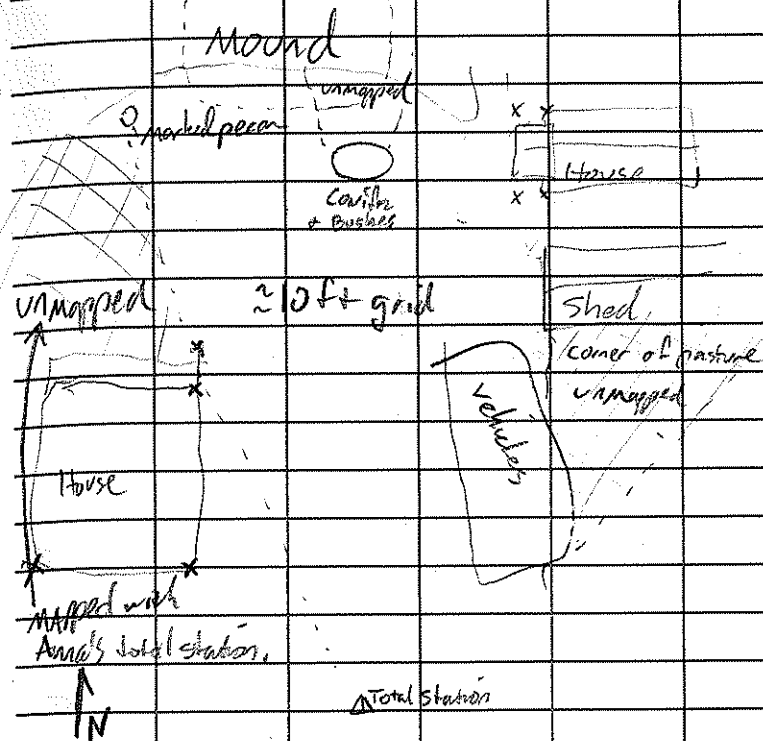
2/13/13 Foster D

FP	N	E	H
1	284.011	614.132	57.057
2	235.148	610.659	57.068

Pt ID

- 1445 - fence of main field
 - 1510 + elevations of main field
 1510-1546 side field w/cows
 1546-1562 " " "
 1563-1587 side field w/cows
 increased height to 2 meters - Rod + station
 1588-1634 horse field
 decreased height back down to
 1.6 m - Rod + station
 1635-1660 ^{white} House yard
 1661-1663 corrugated, white house - 3 corners
 1664-1696 white house yard continued
 1697-1698 corrugated shop
 1699-1709
 1710 - Porch corner
 1711 - House corner
 1712 - Porch corner
 1713 - House corner
 1714-1755 yard w/ one side of mound

white
house
w/bricks
front



214.12

	N	E	H
1	284.011	614.132	57.057
3	255.712	630.077	57.144
5	239.581	586.596	56.232
6	378.720	638.692	57.774
7	396.197	591.728	58.731
9	417.380	581.967	57.045
10	440.706	577.109	56.718

[1756-1815 - why not logged? 301]

2-14-12	P. Lieb - D. Abbott	Parlance
1816-1878		Driveway
1879-1881		
1882-1898		Middle of Field
1899-1939		Middle of Side Field 3 lines
1940-1947		Fence (wooden)
1948-1949		Shed Corners
1948-1951		Concrete Pad Corners
1952-1953		Barn Corners
1954-1956		Wire Fence to N. of Barn
1957-2007		Front of Barn area
2008-2021		Gravel driveway toward barns
2022-2045		South of barn (where brown horse is)
2046-2047	SW + NW	Corners of shed in
2048-		South of barn
2049-2057		Fence line height of road & transit
2058-2061		East of barn (changed to 2 m)
2062-2121	positive	north of barn
2122-2142		Missing slice of West yard next to big mound
2143-2189		other side of road including ditch
2190-2218		area north of fence
2219-2255		" " changed to 2 m road station
		up to south side of gravel road
2256-2261		pts on top of mound
2262-2341		RR bed

2-15-13 Mount Locust [MTLD]

FP	N	E	
1	1011.610	434.475	55.650
2	1033.151	E474.512	55.060
3	1025.679	381.081	56.123
4	1033.325	368.310	56.871
5	1010.492	371.884	56.222
6	1085.623	510.612	56.779
7	1100.011	527.796	56.460
8	1124.114	508.395	56.240
9	1108.384	490.666	56.247

→ these after re-cancelling GPS points 1 & 2.

- 2602 field between mounds & Mda

2-17-13 [Anna's TS - see notes in main book]

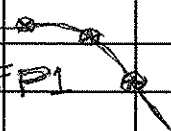
FP1:

FP2:

PL ID 12-

top-edge of summit

E 1/2 of mound from FP1



PL ID

2-18-13

EMERALD

ERIN

PL ID

2602 - 2656 base of rd N side from FP

2657 - 2719 base of rd E side from FP4

2602 - 2656 are bad! Shot w. wrong prism setting! Reshot w. Anna's.

2-20-13

Lessley

CN
HB

(LESSD)

FP

N

E

H

1

260.799

691.235

39.071

4

214.341

638.150

44.399

10

254.175

752.031

39.189

2720-2829

Mound across Street

11

163.746

705.498

35.957

2-22-13

Mount Locust

From
FP7:

2830-3161 S + SE side of mound and plaza

2-27-13

Bayou Pierre Mound A

From FPEA

PT ID

3162-3228

Flat area across new road

2.28.13	Lessley	CN H18	(LESSD)
FP	N	E	H
11	163.246	705.498	35.957
(BS) 8	188.166	642.556	44.203
3229-3264-field			
3265-3307 mound			
3308-3313 W mound base			
3314-3322 mound			
3323-3328 road by large mound			
3329-3438 mound			
12	181.750	720.793	37.915

3.1.13	Mt. Locust	(MTLD)	CN AV
FP	N	E	H
7	1100.011	527.796	56.460
(BS) 6	1085.623	510.612	56.779

3439-3554 section A-field & road (trace)

Test Trench

PHID 3555

3556

3557

3558

Unit -

Bates 2

AV/MCK

5/8/13

1018 R 523 SW

1019 R 523 MW

1019 R 525 ME

1018 R 525 SE

	Bates	AV/MCK	5/8/13
PT ID 3559 & 3561	→ No	Good	
PT ID 3564	361 R 964	SW	corner
3560	363 R 964	NW	
3562	363 R 965	NE	
3563	361 R 965	SE	

* = copper pipe

	Bates #	Points		
	N	E		H
ops 1	273.157	1006.304		58.107
2	358.178	1056.201		57.761
* 3	387.042	957.492		60.715
* 4	366.660	950.571		60.338
* 5	366.200	962.815		60.092
6	414.704	969.521		58.548
7	337.047	955.925		57.663
8	374.434	920.359		58.275
For UTM (15N), add				
	N	3513000		
	E	666000		

Test Trench Z

Pt ID 3569 389 R 948 SW corner

3570 391 R 948 NW

3571 391 R 949 NE

Triangulated due to tree 389 R 949 SE

3572 PVC Pipe datum from coring

E 956.619 N 386.905 H 60.928

Pumpkin Lake

AV/MCK

Test Trench

Job: PL

5/8/13

Pt ID

3565 275 R 384 NW corner

3566 274 R 384 SW

3567 274 R 386 SE

3568 275 R 386 NE

Test Trench 1

Pl ID

3573

3574

3575

3576

212 R 627

211 R 627

211 R 625

212 R 625

NE

SE

SW

NW

corner

3577-3578

NO GOOD

Test Trench 2

3579

3581

3582

3583

197 R 663

198 R 663

198 R 665

197 R 665

SW

NW

NE

SE

corner

3580

NO GOOD

MCK/AN

BAYOU PIERRE
MOUND (D)

5/24/13

Test Trench 1

Pt ID

3584

622 R 987

SW

Corner

3585

622 R 989

SE

3590

623 R 987

NW

3591

623 R 989

NE

Test Trench 2

Pt ID

3586

623 R 977

SE

Corner

3587

623 R 975

SW

3588

624 R 975

NW

3589

624 R 977

NE

BAYOU PIERRE
MOUND A 5/24

Test Trench 1

PT ID

3592

254 R 491

SW Corner

3593

254 R 492

SE

3594

256 R 492

NE

3595

256 R 491

NW

3596

Bad point

6/3/13

3597

237 R 509

3598

238 R 509

MA Trench

3599

238 R 503.5

3600

237 R 503.5 - SW

3601

302 R 488

3602

301 R 488 - SW

3603

301 R 490

3604

302 R 490

MB 1x4

3605

302 R 485

3606

Bad Point

3607

301 R 486 - SW

486

488

302

301

⊕

SMITH CREEK

Test Trench For Mound C

AV/MARW

Point ID

3741 1077 R 627 SW Corner

3742 1078 R 627 NW

Triangulated ^{due to} tree 1078 R 629 NE

3743 1077 R 629 SE

3740 NO GOOD

3612 Fixed point #33 N 1030.393

E 532.174

H 29.339

Test Trench 1x4 For potential floor

Pt ID

6/18/13

3727 1st 1x2: 1049 R 597 SW corner

3728 1050 R 597 NW

3729 1050 R 599 NE

3730 1049 R 599 SE

Undug
↓
↓

2nd 1x2: 1050 R 601 NE corner

1049 R 601 SE

1049 R 599 SW

1050 R 599 NW

Mound A Test Trench IX2

P# ID

3735

1058 R 460

SW corner

3734

1058 R 461

SE

3737

1060 R 461

NE

3736

1060 R 460

NW

P# ID

Description

3731

CP 16

E 560.115 N 1136.830 H 32.411

3732

CP 17

E 551.836 N 1150.625 H 32.425

3733

CP 18

E 563.512 N 1151.89 H 32.258

3738

CP 5

E 633.525 N 1088.321 H 31.672

3739

CP 4

E 632.207 N 1077.909 H 31.255

3740

BAD POINT

BAYOU PIERRE Mound A

AAP/AV

On Recording the 50cm Wide
Trench into Eastern Mound Flank.

6/12/2013

PT ID	Description	
Step 1: (Highest Step)		
3613	Top Slope Nail	South
3614	Top Slope Nail	North
3615	Bottom Nail	S.
3616	Bottom Nail	N.
3617	Edge Nail	S.
3618	Edge Nail	N.
Step 2		
3619	TS	S.
3620	TS	N.
3621	B	S.
3622	B	N.
3623	E	S.
3624	E	N.
Step 3		
3625	TS	S.
3627	TS	N.
3628	B	S.
3629	B	N.
3630	E	S.
3632	E	N.

3626, 3631, 3645 ← Bad Points

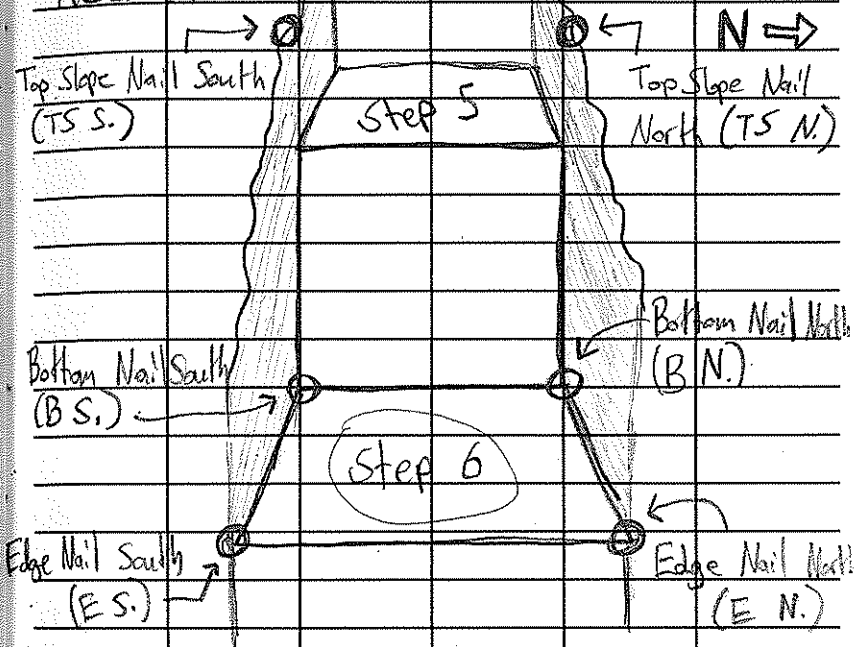
Pt. ID	Description	
	Step 4	
3633	TS	S.
3634	TS	N.
3635	B	S.
3636	B	N.
3637	E	S.
3638	E	N.
	Step 5	
3639	TS	S.
3640	TS	N.
3641	B	S.
3642	B	N.
3643	E	S.
3644	E	N.
	Step 6	
3646	TS	S.
3647	TS	N.
3648	B	S.
3649	B	N.
3650	E	S.
3651	E	N.

Pt. ID	Description	
	Step 7 (Lowest step)	
3652	TS	S.
3653	TS	N.
3654	B	S.
3655	B	N.
3656	E	S.
3657	E	N.

Schematic Explanation for Photo mosaic Points.

★ Viewing Trench
Head-on

★ As if mapping step 6



o On Recording Significant Soil Layers within 50cm Trench Profiles

Pt. ID	Description		
Step 7			
3658	Buried A (Top)	S	
3659	" "	S	
3660	↓	N.	-30 cm from Z
3661	↓	N.	-30 cm from Z
Step 6.		(Already done in ^{Exc 1})	
3662	Flank Midden (Top)	S	-30 cm from Z
3663	↓	S	
3664	↓	N	
3665	↓	N	
3666	↓	N	
Step 5			
3667	↓	S	
3668	↓	S	
3669	↓	N	
3670	↓	N	
Step 4			
3671	↓	S	
3672	↓	S	
3673	↓	N	
3674	↓	N	

o On Recording the Natural Mound Slope to Either Side of The 50cm Trench.

Pt ID	Description
3675-3698	South of Trench
3699-3722	North of Trench

	North	East
SW corner	806.996	152.003
SE corner	807.004	152.995
NE corner	809.005	153.002
NW corner	809.000	151.999

Windsor 6/14/13

AV/ERR

Test Trench 1 - Plowed Mound (1x2) (Mound D)

SW corner 807 R152

Test Trench 1 (Summit) Windsor Private Mound 2013

June 17,

AV/BD

Pt ID			(Mound B)
3724	80	316	SW Corner
3725	81	316	NW corner
3726	81	318	NE Corner
3727	80	318	SE Corner

(circumference
div by
4)

Windsor Plowed Mound

6/19/13

Megan/Andy

→ On the placement of copper pipes
into Mound A (3)

Pt ID	Description			
3744	FX3	E 78.490	N 883.657	H 53.133
3745	FX4	E 91.800	N 956.320	H 53.615
3746	CP5	E 65.201	N 953.154	H 62.101
3747	CP6	E 67.332	N 978.418	H 61.789
3748	CP7	E 69.677	N 942.126	H 60.173
3749	Former GPS1 (FX8) E 110.310 N 1003.607 H 53.248			

On Recording the Cores Throughout Windsor Plowed
- Andy/Morgan - 6/20/2013 Mound

Pt ID	Core #	
3750	1	} North to South Line
3751	2	
3752	3	
3753	4	
3754	5	
3755	6	
3756	7	} West to East Line
3757	8	
3758	9	
3759	10	