ADDIS 3

1

PAGE NO

AREA XVI-A

PREPARED BY bLW
DATE 4-28-87

			El./m	
	S 354	E 445	58.17	
	S 354	E 426	57.57	
⊡	S 354	E 424	57.40	⊼ over S 354 E 424 spk
	S 354	E 414	57.02	HI 1.53
	S 354	E 412	56.80	

			Dist /m	El./m above M.S.L.	
1)	2.25			56.68	S 348 E 423 spk. SE corner 1x2
2)	2.04			56.89	S 354 E 413 Datum SE spk
3)	2.12			56.81	S 354 E 412
* 4)	2.0			56.93	S 352 E 415 SE corner
5)	2.12			56.81	S 352 E 414
6)	2.38			56.55	S 352 E 412
7)	0.63 0.55 0.48	207°	15 m	58.38	N. Edge of Rd.
8)	0.67 0.63 0.59	82° 31'	8	58.30	" "
9)	0.74 0.67 0.61	132° 30'	13	58.26	S. edge of Rd.

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			Dist	EL	
10)	0.58 0.47 0.36	19.7° 4/0'	22	58.46	
11)	1.92 1.85 1.79	32° 28'	13	57.08	cpt. along slope near base of rd. Grade along wedge of Disturbance (Dirt Mound)
12)	1.89 1.82 1.75	25°	14	57.11	farther down slope w. of disturbance
13)	1.975 1.89 1.80	23°	17.5	57.04	Near N. edge of dist.
14)	1.72 1.63 1.54	30°	18	57.30	" "
15)	1.78 1.68 1.58	27°30'	20	57.25	STP #10
16)	1.78 1.66 1.54	26°30'	24	57.27	STP #11
17)	1.48 1.35 1.22		26	57.58	cpt./w. crest of Ravine ~6m S. from rd.

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			Dist/M	El.	
18)	1.79 1.65 1.51	32°	28	57.28	edge of crest of main ravine
19)	2.78 2.61 2.46	32°40'	32	57.32	on ravine slope
20)	2.64 2.49 2.33		31	56.44	cpt. down slope
21)	1.85 1.71 1.57	24°35'	28	57.22	cpt. on Ravine Crest
22)	2.50 2.34 2.18	16°40'	32	56.59	cpt. N. edge of slope near top.
23)	3.59 3.41 3.24	16°40'	35	55.52	cpt. down W. slope
24)	3.30 3.13 2.96	9°50'	34	55.80	near N. edge at "base"
25)	2.54 2.40 2.26	13°50'	28	56.53	STP #12
26)	2.69 2.57 2.45	12°22'	24	56.36	cpt. along West slope
27)	2.61 2.52 2.41	15°	20	56.41	"

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28)	3.86 3.71 3.56	4°	30	55.22	cpt N. on slope ~6m S. of N. edge
29)	3.66 3.53 3.39	4° 20'	27	55.40	toward W. edge of knowl
30)	2.76 2.67 2.58	3° 30'	18	56.26	" "
31)	2.30 2.19 2.07	17°	23	56.74	cpt. on knowl slope
32)	2.83 2.74 2.65	12° 30'	18	56.19	cpt. W. of knowl on slope
33)	4.00 3.93 3.86	354° 40'	14	55.00	" "
34)	2.65 2.60 2.55	355°	10	56.33	W. side of small. kaline
35)	3.85 3.78 3.70	338°	15	55.15	cpt. N. slope of site
36)	3.95 3.87 3.79	329° 40'	16	55.06	" "

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			dist	El.	
37)	2.75 2.70 2.65	330°	10	56.23	cpt. at STP #7
38)	2.26 2.22 2.185	303°	7.5	56.71	STP #1
39)	3.74 3.665 3.59	315°	15	55.265	cpt. along N. slope
40)	3.85 3.77 3.69	299° 30′	16	55.16	" "
41)	3.64 3.56 3.48	286°	16	55.37	cpt. N. slope of site
42)	3.30 3.21 3.12	271°	18	55.72	N. side of slope
43)	1.64 1.57 1.51	245°	13	57.36	STP #13
44)	0.93 0.86 0.78	219°	15	58.07	cpt ~3m S. of N. rd. edge
45)	1.12 1.08 1.04	216° 50′	8	57.85	cpt along rd. grade slope

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			dist.	EL.	
46)	1.31	215° 22′	~3 m	57.62	along Rd. grade slope
47)	1.98 1.89 1.80	243°	18	57.04	cpt. w. side of site
48)	1.64 1.59 1.55	254°	9	57.34	cpt.
49)	3.17 3.10 3.035	292°	13.5	55.83	"
50)	2.98 2.91 2.83	274° 20′	15	56.02	"
51)	2.32 2.27 2.22	304°	10	56.66	Black locust Tree center of site
52)	1.85	289	~6 m	57.08	cpt.
53)	2.29 2.26 2.23	323° 20′	6	56.67	"
54)	2.215 2.185 2.155	1° -15′	6	56.745	S 348 E 424
55)	1.80	20°	2.30 m	57.13	STA #3

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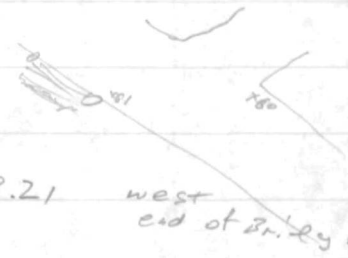
56)	1.02			57.91	S 354 E 427
57)	1.11 1.07 1.04	61°	7	57.86	cpt. N. of Rd. along rd. grade slope
58)	1.87 1.825 1.78	32°	9	57.105	" " "
59)	2.40 2.36 2.32	2° 30'	8	56.57	STP #4
60)	0.92 0.81 0.70	87° 25'	22	58.12	selse of Rd.
61)	0.84 0.72 0.60	57°	24	58.21	west end of Bridge



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XVI-A cont. contour and El.

Area.

5-9-88
DCW

		∠°	Dist.	El/A ⊼ over Tube Horizontal	S 352 E 415 ∠56.93 at G.S. HI 1.51 Alligned G. North.
62)	1.935			56.505	Spike at S358 E407 SE of 1x2
63)	1.69			56.75	S 360 E407 " "
64)	1.54			56.90	S 362 E407 " "
65)	1.80			56.64	S 350 E 415 " "
66)	3.97 3.90 3.82	25° 30'	15 m	54.54	Cpt. along slope base of sm midway ravine NE of from top. Extent XVI-A
67)	2.78 2.71 2.66	26°	12 m	55.73	cpt. W. cre of sm. ravine
68)	3.68 3.62 3.56	3°	12	54.82	Cpx ~3 m from site edge (Hill)
69)	4.07 3.99 3.91	4° 30'	16	54.45	cpt. Slope N. of site ~2 m from N. edge

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XVI-A cu. pts.

5-9-88
DLW

			Dist./m	EL/m	
70)	3.93 3.87 3.81	343° 15'	12	54.57	cpt. N. of site
71)	3.16 3.12 3.08	348° 25'	8	55.32	" "
72)	3.66 3.62 3.58	318°	8	54.82	" "
73)	3.34 3.30 3.27	292° 20'	7	55.14	" "
74)	3.89 3.835 3.78	290'	11	54.605	" " ~ 8 m S of N. edge of site
75)	3.50 3.45 3.40	265° 30'	10	54.99	cpt. NW of site on slope
76)	4.04 3.97 3.90	270° 40'	14	54.47	" " farther down N. slope
77)	3.43 3.34 3.25	247° 40'	18	55.10	working up slope W. of site.
78)	3.11 3.01 2.91	241° 29'	20	55.43	" "

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XVIA Contour Pts

			Dist/m	EL/m	
79)	2.30 2.18 2.06	233°	24	56.26	cpt. s.w. of site
80)	0.77 0.68 0.58	208° 40'	19	57.76	"
81)	0.48 0.40 0.31	195°	17	58.04	" No. of Rd.
82)	0.74 0.67 0.61	185° 30'	13	57.77	" "
83)	1.015 0.97 0.93	187°	8.5 m	57.47	" "
84)	1.13 1.11 1.08	186° 30'	5 m	57.33	"

E 327 E 478

11

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Area ~~XVI~~ Datum EL.

5-9-88

★ over S 326 E 496 EL 58.29
HI = 1,525

1) Stake
Base 1.415 58.40 — Top 1.365 58.45 — S 326 E 488 ✓

2) Base 1.60 58.21 — Top 1.51 58.305 — S 322 E 488 ✓

3) 1.40 — 58.415 — S 326 E 490 ✓ Datum? Spike

4) Base 1.48 58.335 — Top 1.48 58.415 — S 326 E 492

5) G.S. 2.075 57.74 & Top of spike 2.01 57.805 — S 312 E 480

6) 1.38 58.435 — G.S. spike — S 326 E 483

7) 1.31 58.505 — " — S 328 E 483

8) 1.33 58.485 — " — S 326 E 482

9) 1.38 58.435 — S 328 E 481

10) Base 1.33 58.485 — Top 1.28 58.535 — S 330 E 480 ✓

11) 1.28 58.535 — G.S. — S 332 E 478 spike

12) 1.41 58.405 — G.S. — S 334 E 472 Spk.

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5-9-88 XVI EL.

13) 1.43 58,385 S 327 E 478 ✓ G.S. spike

14) 1.45 58.365 S 326 E 478 ✓ G.S. spk

AREA XVI cont. Datum EL's

5-12-88 DLW

57.62 G.S.

⊼ over S 307 E 460 HI = 1.51

		EL/m. above M.S.L.	G surface / spike
15)	0.61	58.52	S 328 E 482
16)	0.78	58.35	S 324 E 482
17)	0.78	58.35	S324 E 484
18)	1.02	58,11	S 316 E 476
19)	1.25	57.88	S 314 E 474
20)	1.36	57.77	S 312 E 474
21)	1.39	57.74	S 312 E 476
22)	1.29	57.84	S 312 E 470
23)	0.765	58,385	S 321 E 504
24)	1.10	58.05	S 322 E 462
25)	1.20	57.95	S 314 E 478

5-19-88 ⊼ over 307/460 HI = 1.53

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PREPARED BY

DATE 5-13-88

E 55.84 m/

HI = 1.505

⊼ over S254 E330 on Grid N. from AREA XII to ? to locate "trash midden - area" previously heavily impacted by road-crew heavy equipment.

F.666

1.18
-0.935
0.69

273° 13'

1.18
-0.69
49

Base of Hub "A" * or NOTES called "East Stk"

Datum
** 0.87 " " Top of Hub "A" 56.475

1.13
0.875
0.62

273° 13'

1.13
0.62
51 m

Base of Hub

0.805 Top of Hub

1.17
0.90
0.635

273° 13'

1.17
-0.635
53.5 m

Base

0.81 → Top of Hub

5-20-87 HI = 1.565

Cont. ⊼ over S254 E330 → Base El.? to extend ▽ stake EL's across Fea. Area

Datum/EL.'s

STAKE B 0.54 m CHair 56.865

" C 0.64 " 56.765

" D 0.65 "

" ~~E~~ " 56.755

executive

Addis 3

Plotted on map

⊼ over S 254 E 330 HI = 1.485
in Grid N.
shot to circular Fea. ~ARA V Feadiam. 1.30 m

53.99

3.72
3.33 295° 56' 78 m
2.94

156 m

"clean up π shots for AREA XIV Datum EL's

57.87

π over S200 E 45.0 HI = 1.48

S 243 E 457 3.34

S225 E451 2.27

S 230 E 455 2.63

S237 E 455

2.83

π over S 254 E 330 on grid shot to Area X

HI = 1.53 m

2.54

1) 2.34 291°35' Spike "A" circular 1.45 m Dia w/ spk. "A" as center

2.14

40 m

2) Spike "B"

2.22 41 m

4-28-88
DLW

AREA XVI-A

			EL.	
S 354	E 445		58.17	
S 354	E 426		57.57	
* S 354	E 424		57.40	* over S 354 E 424 spike
S 354	E 414		57.02	H.I. = 1.53
S 354	E 412		56.80	

	Dist.	EL.	
1)	2.25	56.68	S 348 E 423 spike SE corner of 1x2
2)	2.04	56.89	S 354 E 413 Datum Spike SE
3)	2.12	56.81	S 354 E 412
4)	2.0	56.93	S 352 E 415 (SE corner)
5)	2.12	56.81	S 352 E 414
6)	2.38	56.55	S 352 E 412
7)	0.63 0.55 0.48	207° 15 m 58.38	N. edge of Rd.
8)	0.67 0.63 0.59	82°31' 8 58.30	" "

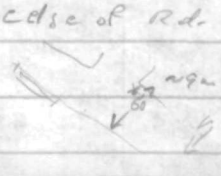
			Dist/m	El. m/above MSL	
9)	0.74 0.67 0.61	132° 30′	13	58.26	S. edge of Rd.
10)	058 0.47 0.36	197° 40′	22	58.46	" "
11)	1.92 1.85 1.79	32° 28′	13	57.08	Cpt. along slope near base of Rd. by Grade along W. edge of Dist.
12)	1.89 1.82 1.75	25°	14	57.11	further down slope west edge of Distrc
13)	1.975 1.89 1.80	23°	17.5	57.04	" " near W. edge of disturbance
14)	1.72 1.63 1.54	30°	18	57.30	" "
15)	1.78 1.68 1.58	27°30′	20	57.25	STP #10
16)	1.78 1.66 1.54	26°30′	24	57.27	STP #11
17)	1.48 1.35 ~~1.22~~	42°20′	26	57.58	cpt. along west crest of main ravine ~18m from Rd.
18)	1.79 1.65 1.51	32°	28	57.28	edge of crest of Main Ravine
19)	2.78 2.61 2.46	32°40′	32	56.32	on slope of Ravine

			Dist/m	El.		
20)	2.64 2.49 2.33	25°	31	56.44	cpt.	down slope
21)	1.85 1.71 1.57	24° 35'	28	57.22	cpt	on crest of Ravine
22)	2.50 2.34 2.18	16° 40'	32	56.59	cpt.	N. edge of slope near top
23)	3.54 3.41 3.24	16° 40	35	55.52	cpt.	down N. slope.
24)	3.30 3.13 2.96	9° 50'	34	55.80		" " near N. edge at "base"
25)	254 2.40 2.26	13° 50'	28	56.53	St p # 12	
26)	2.69 2.57 2.45	12° 22'	24	56.36	cpt.	down S. slope W.
27)	2.61 2.52 2.41	15°	20	56.41	"	"
28)	3.86 3.71 3.56	4°	30	55.22	cpt. ~6m S. of N. edge.	North on slope ~~of slope~~ toward North edge.
29)	3.66 3.53 3.39	4° 20'	27	55.40		toward west edge of NROWI.
30)	2.26 2.67 2.58	13° 30'	18	56.26	"	"

			Dist/m	EL.	
31)	2.30 2.19 2.07	17°	23	56.74	cpt. on knowl slope
32)	2.83 2.74 2.65	12° 30'	18	56.19	cpt. west of knowl on slope
33)	4.00 3.93 3.86	354° 40'	14	55.00	" "
34)	2.65 2.60 2.55	355°	10	56.33	west side of sm. knoll
35)	3.85 3.78 3.70	338°	15	55.15	" "
36)	3.95 3.87 3.79	329° 40'	16	55.06	cpt. N. slope of site
37)	2.75 2.70 2.65	330°	10	56.23	cpt & STP #7
38)	2.26 2.22 2.185	303°	7.5	56.71	STP #1
39)	3.74 3.665 3.59	315°	15	55.265	cpt. in site [illegible]
40)	3.85 3.77 3.69	299° 30'	16	5.16	along N. slope

			Dist/M	El. m/above MSL		
41)	3.64 3.56 3.48	286°	16	55.37	cpt.	N. slope of site
42)	3.30 3.21 3.12	271°	18	55.72	cpt.	west slope of site
43)	1.64 1.57 1.51	245°	13	57.36	Stp #13	
44)	0.93 <0.86 0.78	219°	15	58.07	cpt. ~3 m from N. RD. edge.	
45)	1.12 1.08 1.04	216°50'	8	57.85	cpt.	along RID grade slope
46)	1.31	215°22'	~3m	57.62	"	"
47)	1.98 1.89 1.80	243°	18	57.04	cpt.	west side of site
48)	1.64 1.59 1.55	2.54°	9	57.34	cpt.	
49)	3.17 3.10 3.035	2.92	13.5	55.83	"	
50)	2.98 2.91 2.83	274°20'	15	56.02	"	

			Dist/m	EL.	
51)	2.32 2.27 2.22	304°	10	56.66	Dead ?Black Locust Tree center of side
52)	1.85	289°	~6 m	57.08	cpt.
53)	2.29 2.26 2.23	323° 20'	6.	56.67	cpt.
54)	2.215 2.185 2.155	1° 15'	6	56.745	S 348 E 424
55)	1.80	28°	2.30 m	57.13	STP #3
56)	1.02			57.91	S 354 E 427
57)	1.11 1.07 1.04	61°	7	57.86 cpt.	N of Road along Rd. Grade
58)	1.87 1.825 1.78	32°	9	57.105	" " slope
59)	2.40 2.36 2.32	2° 30'	8	56.57	STP #4
60)	0.82 0.81 0.70	87° 25'	22	58.12	S. edge of Rd.



	0.84		Dist/M		El./m	
61	0.72 0.60	57°	24		58.21	west edge of Bridge
62)	2.39 2.23 2.07	.70 0°	Dist incorr. + corr. 32 31.92	HI = 1.53 El. w/ 60.33	4° * Tube declinated 4° below Horiz. ~~2.231~~ 2.931	Hill slope West of Bridge Ravine North slope of knowl.
63)	3.49 3.32 3.14	1.79 352° 28'	35 34.91	61.63	~~2.44~~ 4.23	" " No Extent of knowl
64)	3.54 3.40 3.27	1.87 354° 30'	27 26.93	61.15	~~1.88~~ 3.75	west slope of knowl
65)	3.87 3.77 3.665	2.24 356° 35'	20.5 20.449		~~1.43~~ 3.67	" " farther down
66)	3.86 3.77 3.68	2.24 351° 50'	18 17.95		~~1.25~~ 3.49	Base/ center of sm. ravine
67)	2.89 2.81 2.74	1.28 356° 20'	15 14.96		~~1.045~~ 2.32	" " farther up slope
68)	2.44 2.35 2.26	.82 7°	18 17.95		~~1.254~~ 2.07	" "
69)	2.32 2.22 2.10	.69 5°	22 21.94		~~1.53~~ 3.75	west of knowl. on W. slope

			bist vac ore.	EL/m		
70)	3.92 2.29 3.82 3.72	338° 30'	20 19.95	~~1.394~~ 3.68	4° below horiz. "	down slope N. of site
71)	3.92 2.28 3.81 3.70	326° 25'	22 21.94	~~1.53~~ 3.81	"	" "
72)	3.90 2.26 3.79 3.68	323°	22 21.94	~~1.53~~ 3.79	"	" ST p # 6
73)	3.71 2.07 3.60 3.49	307°	22 21.94	~~1.53~~ 3.60	"	N. Edge of site
74)	3.72 2.06 3.59 3.47	294°	25 24.93	~~1.74~~ 3.80	"	" "
75)	3.29 1.63 3.16 3.03	277° 30'	26 25.93	~~1.81~~ 3.44	4° cpt.	" "
76)	1.02 -.585 0.945 0.87	254°	15 14.96	~~1.04~~ .455	4° dec.	cpt. on slope N. of Rd.
	0.80 -0.82 0.71 0.63	246°	17 16.95	~~1.18~~ .36	"	" "