AREA 4

AREA 4 INITIALLY HAD 5 BACKHOE TRENCHES PUT IN, 3 CROSSING THE ARE NORTH-SOUTH AND 2 CROSSING EAST-WEST (SEE MAP). THESE WERE PROFILED AND THE SPECIFIC MITIGATION AREAS DESIGNATED. THE AREA WAS THEN GRIDDED AND ELEVATIONS SHOT IN

SOME PROBLEMS WITH ELEVATIONS WERE ENCOUNTERED APPARENTLY DUE TO BACKDIRT. THE AREA WAS HEAVILY DISTURBED BY THE BACKHOE AND EVERY ATTEMPT WAS MADE TO SHOOT ELEVATIONS AT ORIGINAL SURFACE. THERE WERE, HOWEVER, SEVERAL UNITS WHICH HAD MAJOR DIFFERENCES IN MAIN DATUM ELEVATIONS SHOT WITH TRANSIT AND THOSE TAKEN BY CREWS. AT THE MAIN DATUM THE SURFACE ELEV SHOULD BE 0 BUT THIS WAS NOT ALWAYS THE CASE. CHECKED WITH LORETTA LAUTENHEISER WHO NOTED THAT SURFACE ELEVATIONS WERE TAKEN AFTER BACKDIRT WAS REMOVED. THIS COULD ACCOUNT FOR ELEVATION DIFFERENCES.

IN SOME CASES NO SURFACE ELEVATIONS WERE TAKEN.

OTHER PROBLEMS NOTED WERE ALSO EXPLAINED, IF NOT CORRECTED. FOR EXAMPLE, UNIT 4206 WHERE TOP LEVEL 3m ELEVATIONS DO NOT CORRESPOND TO BOTTOM LEVEL 1A ELEVATIONS - ALSO UNIT 4203, 4204, 4172.

ALL MAPS OF AREA 4, ARE UP TO DATE.

AREA IV TRENCH ELEVATIONS:

TRENCH 1 -

CORNER	—	Above 5200 E200
+ 1 m	—	
2 m	—	
3 m	—	
4 m	—	
5 m	-.068	2.728
6 m	-.077	2.719
7 m	-.043	2.753
8 m	-.041	2.755
9 m	-.035	2.761
10 m	-.092	2.704
11 m	-.209	2.587
12m	-.292	2.504
13 m	-.517	2.279
14 m	-.837	1.959
NORTH END	-1.415	1.381

TRENCH 2 -

SOUTH END	-.399	2.397	+ 11	-1.16	1.636
+ 1m	-.458	2.338	+ 12	-1.345	1.451
+ 2 m	-.49	2.306	+ 13	-1.51	1.286
+ 3 m	-.515	2.281	+ 14	-1.692	1.104
+ 4 m	-.522	2.274	+ 15	-1.877	.919
+ 5 m	-.582	2.214	+ 16	-2.011	.785
+ 6	-.555	2.241	+ 17	-2.116	.68
+ 7 (CORNER-SW)	-.627	2.169	+ 18 (NORTH END)	-2.285	.511
+ 8 (CORNER-NW)	-.714	2.082			
+ 9	-.807	1.982			
+ 10 (5226)	-1.049	1.747			

TRENCH 5-

ABOVE S200 E200

(E 200) EAST END	-.253	2.543
+1	-.264	2.532
+2	-.38	2.416
+3	-.43	2.366
+4	-.482	2.314
+5	-.509	2.287
+6	-.623	2.173
+7	-.642	2.154
+8	-.69	2.106
+9	-.718	2.078
+10 (EAST EDGE-2)	-.766	2.03
+11 (WEST EDGE-2)	-.701	2.095
+12	-.729	2.067
+13	-.69	2.106
+14	-.758	2.038
+15	-.78	2.016
+16	-.875	1.921
+17	-.915	1.881
+18	-.941	1.855
+19	-.948	1.848
+20	-1.036	1.76
+21	-1.192	1.604
WEST END	-1.72	1.076

TRENCH 3 –

		ABOVE S200 E200
NORTH END	- 2.252	.544
SOUTH END	- .922	1.874
+ 1	- .879	1.917
+ 2	- .874	1.922
+ 3 (S240)	- .851	1.945
+ 4	- .885	1.911
+ 5	- .933	1.863
+ 6	- .98	1.816
+ 7	- .996	1.80
+ 8	-1.04	1.756
+ 9	- .978	1.818
+ 10	-1.065	1.731
+ 11	-1.095	1.701
+ 12	-1.173	1.623
+ 13	-1.213	1.583
+ 14	- 1.339	1.457
+ 15	-1.45	1.346
+ 16	- 1.592	1.204
+ 17	-1.729	1.067
+ 18	- 1.815	.981
+ 19	-1.91	.886
+ 20	- 2.033	.763
+ 21	- 2.14	.656

TRENCH 4 -

1.5 m FROM CORNER	-.245	2.551
3 m	-.235	2.561
4	-.258	2.538
5	-.307	2.489
6	-.358	2.438
7	-.398	2.398
8	-.452	2.344
9	-.399	2.397
10	-.438	2.358
11 (E 192)	-.459	2.337
12	-.509	2.287
13	-.42,	2.376
14	-.427	2.369
15	-.409	2.387
16	-.423	2.373
17	-.463	2.333
18	-.476	2.32
19	-.461	2.335
20	-.465	2.331
21	-.518	2.278
22	-.551	2.245
23	-.585	2.211
24 (END)	-.63	2.166

ABOVE S200 E200

NAIL CORNER
~~PIT~~ - TOP OF TRENCH 5 — -.762 2.034

NAIL - STRING LINE — -1.455 1.341

80N

OXON HILL PROJECT
SQUARE-LEVEL ELEVATION SUMMARY

AREA 4B

SE CORNER 5241 E184

UNIT 4080

MAIN DATUM 5240 E184

FEATURE 4005

OTHER DATUM(S) 5240 E182

ELEVATION OF MAIN DATUM 2.297 (2.289)

LEVEL	SE	NE	SW	NW	CENTER	OTHER
1A	2.197	2.227	2.187	2.217	2.187	
3M	2.167	2.147	2.137	2.147	2.137	
3R	2.129	2.119	2.099	2.099	2.099	
3S	2.019	1.999	1.989	1.989	1.999	

S 220

Item IV

Grid Coordinates / Unit	Date Comp.	Features	Grid Coordinates / Unit	Date Comp.	Features
S220 E203 4712			S220 E176 4739		
S220 E202 4713			S220 E175 4740		
S220 E201 4714			S220 E174 4741		
S220 E200 4715			S220 E173 4742		
S220 E199 4716					
S220 E198 4717					
S220 E197 4718					
S220 E196 4719					
S220 E195 4720					
S220 E194 4721					
S220 E193 4722					
S220 E192 4723					
S220 E191 4724					
S220 E190 4725					
S220 E189 4726					
S220 E188 4727					
S220 E187 4728					
S220 E186 4729					
S220 E185 4730					
S220 E184 4731					
S220 E183 4732					
S220 E182 4733					
S220 E181 4734					
S220 E180 4735					
S220 E179 4736					
S220 E178 4737					
S220 E177 4738					

Loretta

Area 4B – Elevations

All elevations expressed in meters, Below Datum (S240 E190)

Feature	Sec.	Surface E	Surface W	Bottom
K4B4001	A02	−0.418	−0.477	
K4B4001	A01	----	−0.558 (top of second course of brick)	
K4B4005	E01		−0.414	−0.915
K4B4013	M02		−0.408	−0.56
K4B4013	M01	−0.418		−0.529
K4B4015	P01		−0.409 (center	
K4B4015	P02		−0.391	−0.565
K4B4015	P03	−0.445	−0.48	
K4B4014	N02	−0.468	−0.473	
K4B4014	N04	−0.425		
B4018	—		−0.449 center	
K4B4002	C06	−0.608		
K4B4002	C05	−0.60		
K4B4002	C04	−0.608	−0.58	
K4B4002	C02	−0.614		
K4B4002	C01	−0.682	−0.7	
K4B4000	B07	third course of brick at collection −0.503		
K4B4000	B06		−0.442	
K4B4000	B04		−0.73 (lower (?) course	
K4B4001	A15		−0.051	
K4F4001	A16	−0.023		

Brick drain(?) south profile trench 4 Top −0.332 Bottom −0.492

		Interior E	Interior W
K4B4001	A15	−0.181	
K4B4001	A03	−0.565	−0.588
K4B4014	N02	−0.587	−0.605
K4B4015	P05	−0.565	−0.584
K4B4002	C07	−0.71	−0.724
K4B4000	B08	−0.659	−0.685

Table****. Area IV features.

Feature number	Elevation Top	Elevation Bottom	Depth in Meters	Length in Meters	Width in Meters	MCD	TPQ	Bracket Dates	Description
F4B4000U	57.932	57.612	.320	0.64 N/S	5.00 E/W	unknown	unknown		Brick drain
F4B4001U	57.956	57.809	.147	0.30 N/S	1.48 E/W	unknown	unknown		Brick drain
F4B4002U	57.760	57.620	.140	0.28 N/S	6.20 E/W	unknown	unknown		Brick drain
F4B4003Z	57.971			Unknown		Unknown	Unknown		NOT EXCAVATED
F4A4004						Unknown	Unknown		VOID
F4B4005Z	57.960	57.459	.501	0.63 N/S	0.50 E/W	unknown	unknown		large circular depression
F4A4006						Unknown	Unknown		VOID
F4A4007U	58.323	58.193	.130	0.20 N/S	1.08 E/W	Unknown	Unknown		Brick drain
F4B4008Z	57.606			Unknown		Unknown	Unknown		NOT EXCAVATED
F4C4009						Unknown	Unknown		VOID
F4D4010Z	57.745	57.715	.030	0.38 N/S	0.29 E/W	Unknown	Unknown		Shallow, circular stain
F4D4011Z	57.830	57.500	.330	0.34 N/S	0.30 E/W	Unknown	Unknown		Roughly circular
F4E4012Z	57.688	57.318	.370	0.34 N/S	0.17 E/W	unknown	Unknown		Semicircular pit
F4B4013Z	57.966	57.814	.152	1.60 N/S	0.60 E/W	unknown	unknown		Trench
F4B4015U	57.965	57.835	.130	0.24 N/S	2.60 E/W	unknown	unknown		Brick drain
F4D4016Z	57.810	57.490	.320	2.02 N/S	2.20 E/W	1825.00	1900		Broad, shallow hole
F4F4017						Unknown	Unknown		VOID
F4B4018Z	57.925			0.94 N/S	0.84 E/W	Unknown	Unknown		Large circular stain

F4F

ADD Feat. 14