#### GENERAL NOTES

THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE

STARTING WORK ON THESE DRAWINGS: 1-800-257-7777 MISS UTILITY 725-9976 **VERIZON TELEPHONE** 313-2366 HOWARD COUNTY BUREAU OF UTILITIES: 393-3553 AT&T CABLE LOCATION DIVISION: B.G.&E. CO. CONTRACTOR SERVICES: 787-4620 B.G.&E. CO. UNDERGROUND DAMAGE CONTROL: STATE HIGHWAY ADMINISTRATION:

2. PROJECT BACKGROUND: LOCATION:

DEED REFERENCE:

DPZ REFERENCES:

TAX MAP 42, PARCEL 71 7& 73, GRID 17 R-SA-8 WP-06-20 AND F-06-087, AA-06-15

OWNER/DEVELOPER

ELLICOTT CITY LAND HOLDING, INC

ELLICOTT CITY MD 21042-7819

ATTN: MR. DONALD R. REUWER

(443) 367-0422

GENERAL SITE DATA

PROPOSED USE OF SITE:

PROPOSED WATER SYSTEM:

PROPOSED SEWER SYSTEM:

AREA TABULATION

TOTAL PROJECT AREA: 6.34 AC

NET AREA OF SITE: 5.72 AC.

REQUIRED AT 2.0 SPACES PER DU.

PARKING TABULATION

PARKING SPACES REQUIRED:

USE SETBACK.

AT (410) 313-1880.

DIVISION, HOWARD COUNTY.

R-SA-8

PUBLIC

PUBLIC

SINGLE FAMILY ATTACHED

2 SPACES PER UNIT=90 SPACES

1 SPACE IN GARAGE=45 SPACES (FOR 45 UNITS)

1 SPACE ON DRIVEWAY=45 SPACES(FOR 45 UNITS)

PARKING ON SITE=25 SPACES

APPLICABLE DPZ FILE REFERENCE: WP-06-20, F-06-87, AA-06-15

0.3 SPACES PER UNIT FOR GUEST/OVERFLOW PARKING= 14 SPACES

HC. ACCESSIBLE SPACES: MIN 2% OF TOTAL SPACES REQ.= 1 SPACE

PARKING SPACES PROVIDED: UNIT= 1 GARAGE/1 DRIVEWAY=2 SPACES

TOTAL PARKING SPACES PROVIDED: =115 SPACES

IN ACCORDANCE WITH ZONING SECTIONS 133.C.1.a AND 133.D.2.a

IN THE GARAGES IN UNITS 1-45 MUST BE USED FOR PARKING ONLY,

LOOP OF BIRDHOUSE CIRCLE AROUND THE 3 PARKING SPACES LOCATED

DIRECTLY ACROSS FROM THE SWM FACILITY SIMILAR TO THE OTHER PARKING

CIRCLE ADJACENT TO ALL COMMUNITY OWNED OPEN SPACES AREAS OR A 4'

35. THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION

INSPECTION DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK

36. FOLLOWING REQUESTS OF ALTERNATIVE COMPLIANCE TO DESIGN

MANUAL, VOLUME I HAVE BEEN DENIED ON SEPTEMBER 16, 2005 BY

DEPARTMENT OF PLANNING & ZONING & DEVELOPMENT ENGINEERING

REQUEST TO WAIVE SECTION 5.2.7.B.4 - REQUIRING A SAFETY BENCH.

REQUEST TO WAIVE SECTION 5.2.6.D.1 - REQUIRING A MAINTENANCE

REQUEST TO WAIVE SECTION 5.2.7.A.4 - REQUIRING A POND DRAIN.

WIDE ASPHALT PATHWAY SHALL BE PROVIDED WITHIN THE OPEN SPACES AREAS.

SPACES AREAS ON THE INSIDE LOOP. ADDITIONALLY, A 4' WIDE CONCRETE

SIDEWALK SHALL BE PROVIDED ALONG THE OUTSIDE EDGE OF BIRDHOUSE

PARKING IS NOT PERMITTED WITHIN THE SHOWN '30' OR 50' STRUCTURE AND

3. THE DEVELOPER SHALL PROVIDE A CONTINUOUS SIDEWALK ALONG THE INSIDE

TOTAL AREA OF BUILDABLE UNITS: 28,642 SF. (0.66 AC.)

APPROXIMATE LIMIT OF DISTURBANCE:174,540.77 (4.0 AC.)

TOTAL NUMBER OF UNITS ALLOWED AND PROPOSED

TOTAL PARKING SPACES REQUIRED: =104 SPACES

34. ALL TRASH COLLECTION TO BE PRIVATE.

PRESENT ZONING:

4. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.

THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.

THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK

TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE PLACEMENT OF ANY ASPHALT.

THE PROJECT BOUNDARY IS BASED ON A SURVEY PREPARED BY ROBERT H. VOGEL, INC. DATED OCTOBER 2004

THE TOPOGRAPHY SHOWN HEREON IS BASED ON FIELD RUN TOPOGRAPHIC SURVEY PREPARED BY ROBERT H. VOGEL, DATED

10. COORDINATE DATUM IS BASED ON THE MARYLAND COORDINATE SYSTEM (NAD 83) AS PROJECTED BY THE FOLLOWING HOWARD COUNTY GEODETIC CONTROL STATIONS: 42E3 & 42E4

11. WATER AND SEWER FOR THIS PROJECT WILL BE PUBLIC AND PROVIDED THROUGH 12" W—CONT.#24—1271—D, 8" S—CONT. #20—0907.

12. STORMWATER MANAGEMENT IS PROVIDED FOR THIS DEVELOPMENT. THE STORMWATER MANAGEMENT FACILITY IS P-5 POCKET POND PROVIDING THE REQUIRED WQv AND Cpv FOR THE DEVELOPMENT. THE FACILITY IS HAZARD

13. STORMWATER MANAGEMENT SOIL BORINGS FOR THIS SITE ARE BASED ON A GEOTECHNICAL ANALYSIS PREPARED BY HILLS-CARNES ENGINEERING ASSOC, DATED OCTOBER, 2004.

14. WETLANDS AND STREAMS SHOWN ON-SITE ARE BASED ON A FIELD INVESTIGATION BY ECO-SCIENCE, DATED OCTOBER 2005.

15. FLOODPLAIN SHOWN ON-SITE IS BASED ON A STUDY PREPARED BY ROBERT H. VOGEL ENGINEERING, INC. DATED APRIL 2005.

16. A FOREST STAND DELINEATION PLAN WAS PREPARED FOR THIS SITE BY ECO-SCIENCE PROFESSIONALS, INC. DATED MAY 2005

REQUIREMENTS PER SECTION 16.1202 OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION MANUAL. OBLIGATION FOR THIS PROJECT IS 1.58 AC. THE OBLIGATION WILL BE FULFILLED BY THE RETENTION OF EXISTING FOREST IN THE AMOUNT OF 0.77 ACRES, ON—SITE REFORESTATION IN THE AMOUNT OF 0.33 AC. AND FEE—IN—LIEU FOR THE REMAINING 0.48 AC. BOND FOR THE REQ. 1.10 AC. HAS BEEN PAID IN THE AMOUNT OF \$13,895.24 (RETENTION - (0.77 AC.) 33,541.20 SF x .20 = \$6,708.24)

 $(REFORESTATION - (0.33 AC.) 14,374.80 SF \times .50 = $7,187.40$ 

FEE-IN-LIEU FOR THE (0.48 AC.) 20,908.80 SF x 0.50 = \$10,454.40 SEE FINAL PLAT F-06-087 FOR FOREST CONSERVATION EASEMENTS BOUNDARY RECORDED IN THE HOWARD COUNTY

18. NO CLEARING, GRADING, OR CONSTRUCTION IS PERMITTED WITHIN THE WETLANDS, STREAMS, OR THEIR BUFFERS, THE

FOREST CONSERVATION EASEMENTS AND 100 YR FLOOD PLAIN AREA.

19. APFO TRAFFIC STUDY PREPARED BY THE TRAFFIC GROUP, DATED APRIL 14, 2005. 20. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING PROVIDED PER THE LANDSCAPE

MANUAL TO BE POSTED WITH THE DEVELOPER'S AGGREMENT LANDSCAPE SURETY IN THE AMOUNT OF \$49,650.00 FOR THE REQUIRED 137 SHADE TREES (\$41,100) AND 57 EVERGREEN TREES (\$8,550)

. TREE PROTECTION FENCING WILL BE PROVIDED AT THE LIMITS OF DISTURBANCE WHERE GRADING IS ADJACENT TO FOREST CONSERVATION RETENTION AREAS AND SENSITIVE ENVIRONMENTAL AREAS. SUCH AS STREAM BUFFERS AND STEEP SLOPES.

22. STREET LIGHTING HAS BEEN PROVIDED FOR THE PUBLIC ROAD IN ACCORDANCE WITH SECTION 16.135 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE DESIGN MANUAL. A MINIMUM OF 20' SHALL BE MAINTAINED

BETWEEN ANY STREET LIGHT AND ANY TREE. 23. SEDIMENT AND EROSION CONTROL HAS BEEN PROVIDED FOR THIS SITE.

24. THIS PROPERTY IS WITHIN THE METROPOLITAN DISTRICT.

25. TO THE BEST OF THE OWNERS KNOWLEDGE, THERE ARE NO BURIAL/CEMETARY LOCATIONS ON SITE. 26. A NOISE STUDY IS NOT REQUIRED FOR THIS SITE.

27. OPEN SPACE TO BE PRIVATELY OWNED AND MAINTAINED BY THE HOA.

28. REFUSE COLLECTION FOR THIS SITE WILL BE PRIVATE. THERE WILL BE NO COMMUNITY TRASH DUMPSTER FOR THIS PROJECT.

29. DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO ENSURE SAFE ACCESS FOR FIRE EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS:

A. WIDTH - 12 (14' FOR SERVING MORE THAN ONE RESIDENCE)

SURFACE -6 OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2 MIN) GEOMETRY - MAX 15% GRADE, MAX 10% GRADE CHANGE, AND MIN 45' TURNING RADIUS

STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING)

DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT OF DEPTH OVER

F. MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE

30. GARAGES SHALL BE USED FOR PARKING PURPOSES ONLY AND ARE NOT PERMITTED. TO BE CONVERTED TO OTHER USES PER THE HOWARD COUNTY ZONING REGULATIONS, UNLESS THE 2 OFF-STREET PARKING SPACES ARE PROVIDED WITHIN THE RESIDENTIAL UNIT DRIVEWAY.

A. SUPPLEMENTARY BULK REGULATIONS

THE FOLLOWING SUPPLEMENTARY REGULATIONS SHALL APPLY IN ADDITION TO THE REQUIREMENTS OF THE APPLICABLE

1. EXCEPTIONS TO SETBACK REQUIREMENTS a. IN ALL DISTRICTS EXCEPT THE NT DISTRICT. CORNICES, EAVES AND CANTILEVERED BUILDING FEATURES MAY PROJECT NOT MORE THAN THREE FEET INTO ANY REQUIRED SETBACK AREA.

b. IN ALL DISTRICTS EXCEPT THE NT DISTRICT, THE FOLLOWING BUILDING FEATURES, IF NOT MORE THAN 16 FEET IN WIDTH, MAY PROJECT NOT MORE THAN FOUR FEET INTO ANY REQUIRED SETBACK AREA OR REQUIRED DISTANCE BETWEEN BUILDINGS: BAY WINDOWS AND WINDOW WELLS; ORIELS; VESTIBULES

BALCONIES: CHIMNEYS: HEATING OR AIR CONDITIONING UNITS; AND EXTERIOR STAIRWAYS OR RAMPS,

c. IN ALL RESIDENTIAL DISTRICTS

WHETHER ABOVE OR BELOW GROUND LEVEL.

(BUT NOT IN THE NT DISTRICT), OPEN OR ENCLOSED PORCHES AND DECKS MAY PROJECT NOT MORE THAN 10 FEET INTO ANY REQUIRED FRONT OR REAR SETBACK AREA OR INTO A REQUIRED SETBACK FROM A PROJECT BOUNDARY OR DIFFERENT ZONING DISTRICT. EXTERIOR STAIRWAYS OR RAMPS, ABOVE OR BELOW GROUND LEVEL, MAY EXTEND NOT MORE THAN 10 FEET INTO A FRONT SETBACK AREA OR A SETBACK FROM A PROJECT BOUNDARY OR DIFFERENT ZONING DISTRICT, AND NOT MORE THAN 16 FEET INTO A REAR SETBACK AREA.

2. EXCEPTIONS TO LOT COVERAGE REQUIREMENTS

IN RESIDENTIAL DISTRICTS AND RESIDENTIAL LAND USE AREAS OF THE PGCC AND MXD DISTRICTS, BUT NOT IN THE NT DISTRICT, OPEN DECKS (DECKS WITHOUT ROOF OR WALLS) SHALL NOT BE CONSIDERED STRUCTURES FOR LOT COVERAGE PURPOSES WHEN CONSTRUCTED INTO A SINGLE-FAMILY ATTACHED DWELLING.

31. THIS SDP IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PER COUNCIL BILL NO 45-2003 AND THE AMENDED ZONING REGULATIONS PER COUNCIL BILL NO 75-2003. DEVELOPMENT OR CONSTRUCTION ON THIS PROPERTY MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, WAIVER PETITION APPLICATION OR BUILDING/GRADING PERMIT APPLICATIONS.

32. THIS PLAN IS SUBJECT TO AN APPROVAL OF JOINT FEDERAL/ STATE APPLICATION FOR THE ALTERATION OF ANY FLOOD PLAIN, WATERWAY, TIDAL OR NON TIDAL WETLAND IN MARYLAND BY THE NON TIDAL WETLANDS AND WATERWAYS DIVISION OF THE WATER MANAGEMENT ADMINISTRATION (WMA). APPLICATION TRACKING NUMBER: 05-NT-0172/200563801

33. THIS PLAN IS SUBJECT TO THE APPROVAL OF WAIVER PETITION, WP-06-20 APPROVED ON JUNE 22, 2006. FOR THE FOLLOWING WAIVERS:

SECTION 16.134(a)(1) WHICH REQUIRES THE CONSTRUCTION OF SIDEWALKS ON BOTH SIDES OF ALL STREET WITHIN A MULTI-FAMILY RESIDENTIAL DEVELOPMENT PROJECT, AND FROM SECTION 16.116(a) WHICH PROHIBITS THE GRADING. REMOVAL OF VEGETATIVE COVER AND TREES. PAVING AND NEW STRUCTURES WITHIN 25 FEET OF A WETLANDS AND 75 FEET OF A PERENNIAL STREAM FOR THE REPLACEMENT OF AN EXISTING METAL PIPE CULVERT UNDERNEATH GUILFORD ROAD WITH DUAL 54" AND 60" METAL PIPES.

APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. THE WAIVER PETITION APPROVAL PERTAINS ONLY TO THE LIMIT OF DISTURBANCE WITHIN THE 25' WETLANDS AND 75' STREAM BUFFERS AS SHOWN ON THE REVISED WAIVER PETITION PLAN EXHIBIT AND THE REVISED SITE DEVELOPMENT PLAN. SDP-05-151 SUBMITTED ON MAY 12, 2006. THE LIMIT OF DISTURBANCE SHALL BE THE MINIMUM NECESSARY FOR THE REPLACEMENT OF AN EXISTING METAL PIPE CULVERT UNDERNEATH GUILFORD ROAD, ALL WATER QUALITY PERMITS, MDE PERMITS AND U.S. ARMY CORPS OF ENGINEERS PERMITS WILL BE OBTAINED.

2. BEST MANAGEMENT PRACTICES FOR WORKING WITHIN THE STREAM, FLOOD PLAIN AND BUFFER AREAS SHALL BE USED BY ALL CONTRACTORS WHEN REPLACING THE GUILFORD ROAD PIPE CULVERT. STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF THE CONSTRUCTION WORK.

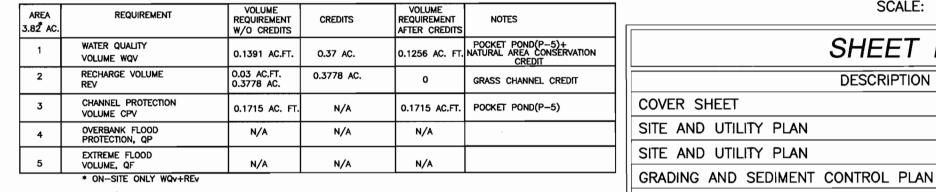
### SITE DEVELOPMENT PLAN

## OAKHURST II

**UNITS 1-45** HOWARD COUNTY, MARYLAND



ANY FUTURE IMPROVEMENTS OR THE ADDITION OF ANY IMPERVIOUS AREAS WILL REQUIRE THE SUBMISSION OF A NEW SDP TO DPZ-DED FOR REVIEW AND APPROVAL (EXCLUDING DECKS). STORMWATER MANAGEMENT SUMMARY TABLE AREA 1



#### STORMWATER MANAGEMENT SUMMARY TABLE AREA 2

AREA	REQUIREMENT	VOLUME REQUIREMENT	CREDITS	VOLUME REQUIREMENT	NOTES
1.00* AC.		W/O CREDITS		AFTER CREDITS	
1	WATER QUALITY VOLUME WQV	0.0154 AC.FT.	1.00 AC.FT.	0	GRASS CHANNEL CREDIT
2	RECHARGE VOLUME REV	0.0040 AC.FT. 0.0390 AC.	0.0390 AC.	o	GRASS CHANNEL CREDIT
3	CHANNEL PROTECTION VOLUME CPV	0	N/A	0.96 AC.FT.	Q1 DEV = 0.13 CFS Q1 EX = 0.14 CFS
4	OVERBANK FLOOD PROTECTION, QP	N/A	N/A	N/A	
5 EXTREME FLOOD 5 VOLUME, QF		N/A	N/A	N/A	
	* ON_SITE ONLY WOV+REV		•		

#### ON-SITE ONLY WQv+REV CTODAWATED MANIACEMENT CHAMADY TABLE ADEA

	STORMWATER	MANAGEMEN	T SUMMARY T	ABLE AREA	43
AREA 1.52 AC.	REQUIREMENT	VOLUME REQUIREMENT W/O CREDITS	CREDITS	VOLUME REQUIREMENT AFTER CREDITS	NOTES
1	WATER QUALITY VOLUME WQV	0.0248 AC.FT.	1.52 AC.	0 AC.FT.	SHEET FLOW TO BUFFER (0.39) CREDIT(0.39)+ NATURAL AREA CONSERVATION CREDIT(1.13)
2	RECHARGE VOLUME REV	0.0017 AC.FT. 0.0169 AC.	0.0169 AC.	0 AC.FT.	SHEET FLOW TO BUFFER (0.39) CREDIT(0.39)+ NATURAL AREA CONSERVATION CREDIT(1.13)
3	CHANNEL PROTECTION VOLUME CPV	INCLUDED WITH AREA 1	-	0 AC.FT.	
4	OVERBANK FLOOD PROTECTION, QP	N/A	N/A	N/A	
5	EXTREME FLOOD VOLUME, QF	N/A	N/A	N/A	
	* ON-SITE ONLY WQv+REv				

ADDRESS CHART

BENCHMARK INFORMATION

CONC. MONUMENT 13' OFF OF LEFT SHOULDER

CONC. MONUMENT IN GRASS MEDIAN WEST BOUND

MD ROUTE 32, 20.1' OFF OF LEFT SHOULDER

E 135789.375(FT)

E 413887.0332

E 135789.375(FT)

E 414366.1877(M)

WEST BOUND ROUTE 32, 54.2' NORTH/WEST

OF EXISTING CUT IN BRIDGE WALL

107.5' EAST OF STORMDRAIN INLET

HO. CO. #42E3

HO. CO. #42E4

N 546528.8416 (FT)

N 166582.3241 (M)

N 544851.1973 (FT)

N 166070.9771 (M)

		P								
UNIT	NO	STREET ADD	RESS	UNIT NO	STREET ADDR	ESS	LOT NO		STREET ADD	RESS
1		9410 BIRDHOUSE	CIRCLE	19	9470 BIRDHOUSE	CIRCLE	37	9449	BIRDHOUSE	CIRCLE
2	2	9412 BIRDHOUSE	CIRCLE	20	9472 BIRDHOUSE	CIRCLE	38	9453	<b>BIRDHOUSE</b>	CIRCLE
3	5	9414 BIRDHOUSE	CIRCLE	21	9474 BIRDHOUSE	CIRCLE	39	9455	BIRDHOUSE	CIRCLE
4	-	9416 BIRDHOUSE	CIRCLE	22	9476 BIRDHOUSE	CIRCLE	40	9457	<b>BIRDHOUSE</b>	CIRCLE
5	5	9418 BIRDHOUSE	CIRCLE	23	9478 BIRDHOUSE	CIRCLE	41	9459	BIRDHOUSE	CIRCLE
6	3	9420 BIRDHOUSE	CIRCLE	24	9480 BIRDHOUSE	CIRCLE	42	9441	GUILFORD	ROAD
7	,	9424 BIRDHOUSE	CIRCLE	25	9423 BIRDHOUSE	CIRCLE	43	9443	GUILFORD	ROAD
8	3	9426 BIRDHOUSE	CIRCLE	26	9425 BIRDHOUSE	CIRCLE	44	9445	GUILFORD	ROAD
9	•	9428 BIRDHOUSE	CIRCLE	27	9427 BIRDHOUSE	CIRCLE	45	9447	GUILFORD	ROAD
10	0	9430 BIRDHOUSE	CIRCLE	28	9429 BIRDHOUSE	CIRCLE				
1	1	9432 BIRDHOUSE	CIRCLE	29	9431 BIRDHOUSE	CIRCLE				
1:	2	9446 BIRDHOUSE	CIRCLE	30	9433 BIRDHOUSE	CIRCLE ,				
13	3	9448 BIRDHOUSE	CIRCLE	31	9435 BIRDHOUSE	CIRCLE				
14	4	9450 BIRDHOUSE	CIRCLE	32	9437 BIRDHOUSE	CIRCLE				
15	5	9452 BIRDHOUSE	CIRCLE	33	9441 BIRDHOUSE	CIRCLE				
10	6	9454 BIRDHOUSE	CIRCLE	34	9443 BIRDHOUSE	CIRCLE				
1	7	9456 BIRDHOUSE	CIRCLE	35	9445 BIRDHOUSE	CIRCLE				
1	Ω	9458 RIRDHOUSE	CIRCLE	36	0447 RIPDHOUSE	CIRCLE				

18 9458 BIRDHOUSE CIRCLE | 36 9447 BIRDHOUSE CIRCLE STEEP SLOPES OUTSIDE FLOODPLAIN 0.0 AC. 5.72 AC.

1360831.5928 545038.8000

1360842.9778 544910.5568 1360852.9773 544797.9208

1360645.8303 544707.5541

1360830.4387 544771.7233

15 1360868.6405 544691.3391

16 1361227.0278 544847.6835

17 1360975.4976 544969.2498

NORTHING

1361307.7549

1361317.9387

1361323.6548

1361071.4303

360822.5541

1360819.5388

1360651.7057

4 1361605.5704

8.0 DWELLING UNITS/NET AREA TOTAL NUMBER OF UNITS ALLOWED AND PROPOSED:45 ELLICOTT CITY, MD 21043

545389 9749

545384.2140

545188,1641 545012.8206

544889.8365

545011.7384

545143.1286

545174.5784

544693.7520

OPEN SPACE CALCULATION: 25% OF GROSS PROPERTY AREA OPEN SPACE REQUIRED: 1.59 AC (69,260 SF)

CREDITED OPEN SPACE PROVIDED ( 26%): 71,874 SF (1.65 AC.) NON CREDITED OPEN SPACE PROVIDED: 79,279.20 SF (1.82 AC.)

6.34 AC.

0.62 AC.

SPACE REQUIRED: RECREATION OPEN

18.390.80 SF 0.42 AC. SPACE PROVIDED:

PASSIVE RECREATIONAL OPEN SPACE ONLY: NO STRUCTURES ARE ALLOWED

LOCATION PLAN

SITE ANALYSIS:

DENSITY TABULATION

100-YEAR FLOODPLAIN

TRACT AREA

RECREATIONAL FACILITIES SUCH AS BASKETBALL OR TENNIS COURTS, FENCES. SWIMMING POOLS. PLAYGROUND EQUIPMENT OR TOT LOTS. ETC. THAT ARE PERMANENTLY ATTACHED TO THE GROUND ARE CONSIDERED TO BE STRUCTURES AND ARE NOT PERMITTED WITHIN THE PROPOSED RECREATIONAL AREA.

10% MODERATE INCOME

HOUSING REQUIRED: 10% MODERATE INCOME

5 UNITS (see note 39)

HOUSING PROVIDED: 37. THIS PROJECT IS SUBJECT TO COMPLIANCE WITH THE DECISION AND ORDER DATED MAY 26, 2006 FOR ADMINISTRATIVE ADJUSTMENT CASE NO. 06-15 FOR A 20% VARIANCE REDUCTION OF THE 50' DWELLING SETBACK REQUIREMENT FROM THE GUILFORD ROAD R/W LINE TO 40' FOR UNITS 33

38. OAKHURST II CONDOMINIUM, INC. HAS BEEN ESTABLISHED AS THE CONDOMINIUM ASSOCIATION FOR THIS PROJECT AND IS REGISTERED WITH MARYLAND DEPARTMENT OF ASSESSMENT AND TAXATION AS CHARTER NO. 39. THE 5 MIHU'S ARE PROVIDED AT AN OFF-SITE LOCATION AT 1. 8473 FREDRICK ROAD (CERTIFICATE # 2004-01)

2. 8475 FREDRICK ROAD (CERTIFICATE # 2004-02) ELLICOTT CITY, MD 21043 3. 8321 CHURCH ROAD, APARTMENT I (CERTIFICATE # 2004-03) ELLICOTT CITY, MD 21043 4. 8321 CHURCH ROAD, APARTMENT II (CERTIFICATE # 2004 -04)

5. 8321 CHURCH ROAD, APARTMENT III (CEIZTIFICATE # 2004-05) ELLICOTT CITY, MD 21043

#### PERMIT INFORMATION CHART SECTION/AREA UNIT

	NOOLO	14/ 11		32311311/711121   31111				L L	
	OAKHUR	ST		N/A		THRU			
DEED REF/RAT	BLOCK	NO	ZONE	TAX	MAP	ELECT [	DIST	CENSUS	S TR
10021/219	17		R-SA-8	4	<b>12</b>	6TH		6069.	.03
WATER CO	-14	S	EWER	CODE:	52	200400			
len gretaknin di turata, tarisat yan senjar di 1995 juwa digan, keningalawa tanpa sama	and the more and a statement of the stat	Constant Sales	مقطعه فرواجه <u>م</u> د د در که هم در برد که بردر رزد	A THE PARTY OF THE	janas garawey	7,7 37384356435447-5 3173	5 12 AL 15 55 13 65 71	Tulk Bulkbasan (albumba k. 1941 kwalidigi	(시네 나무수역/문학 [11년]

APPROVED: DEPARTMENT OF PLANNING AND ZONING

CHIEF. DIVISION OF LAND DEVELOPMENT

ELLICOTT CITY, MD 21043

**6TH ELECTION DISTRICT** HOWARD COUNTY, MARYLAND ROBERT H. VOGEL Engineering, Inc.

SCALE: 1" = 2000'

SHEET NO

1 OF 18

2 OF 18

3 OF 18

4 OF 18

5 OF 18

6 OF 18

7 OF 18

8 OF 18

9 OF 18

10 OF 18

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18 OF 18

SHEET INDEX

DESCRIPTION

GRADING AND SEDIMENT CONTROL PLAN

SEDIMENT AND EROSION CONTROL DETAILS

SEDIMENT AND EROSION CONTROL DETAILS

FLOODPLAIN STUDY AND STREAM IMPROVEMENTS

ROAD PROFILES AND DETAILS

STORM DRAIN PROFILES

SWM FACILITY DETAILS

SWM FACILITY DETAILS

LANDSCAPE PLAN AND DETAILS

LANDSCAPE PLAN AND DETAILS

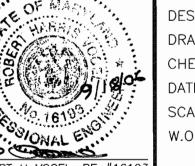
FOREST CONSERVATION PLAN

STORM DRAIN DRAINAGE AREA MAP

SEWER PROFILES

SITE DETAILS

ENGINEERS • SURVEYORS • PLANNERS 8407 MAIN STREET TEL: 410.461.7666 ELLICOTT CITY, MD 21043 FAX: 410.461.8961



TAX MAP 42 BLOCK 17

DESIGN BY: \_\_\_\_\_RJ/RHV DRAWN BY: \_\_\_ RJ/CMH CHECKED BY: RHV AUGUST, 2006 W.O. NO.: \_\_\_

SITE DEVELOPMENT PLAN

OAKHURST II

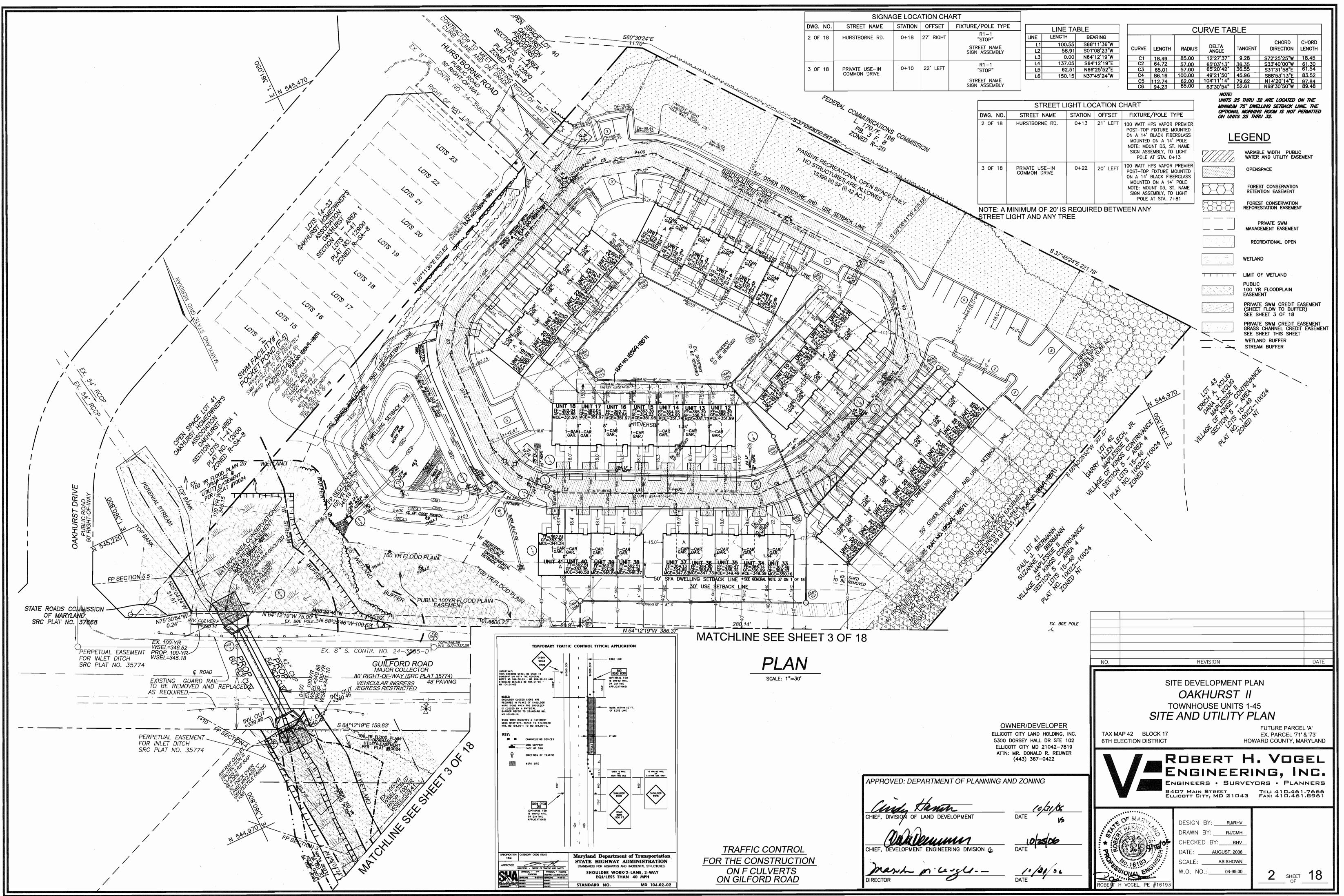
**TOWNHOUSE UNITS 1-45** 

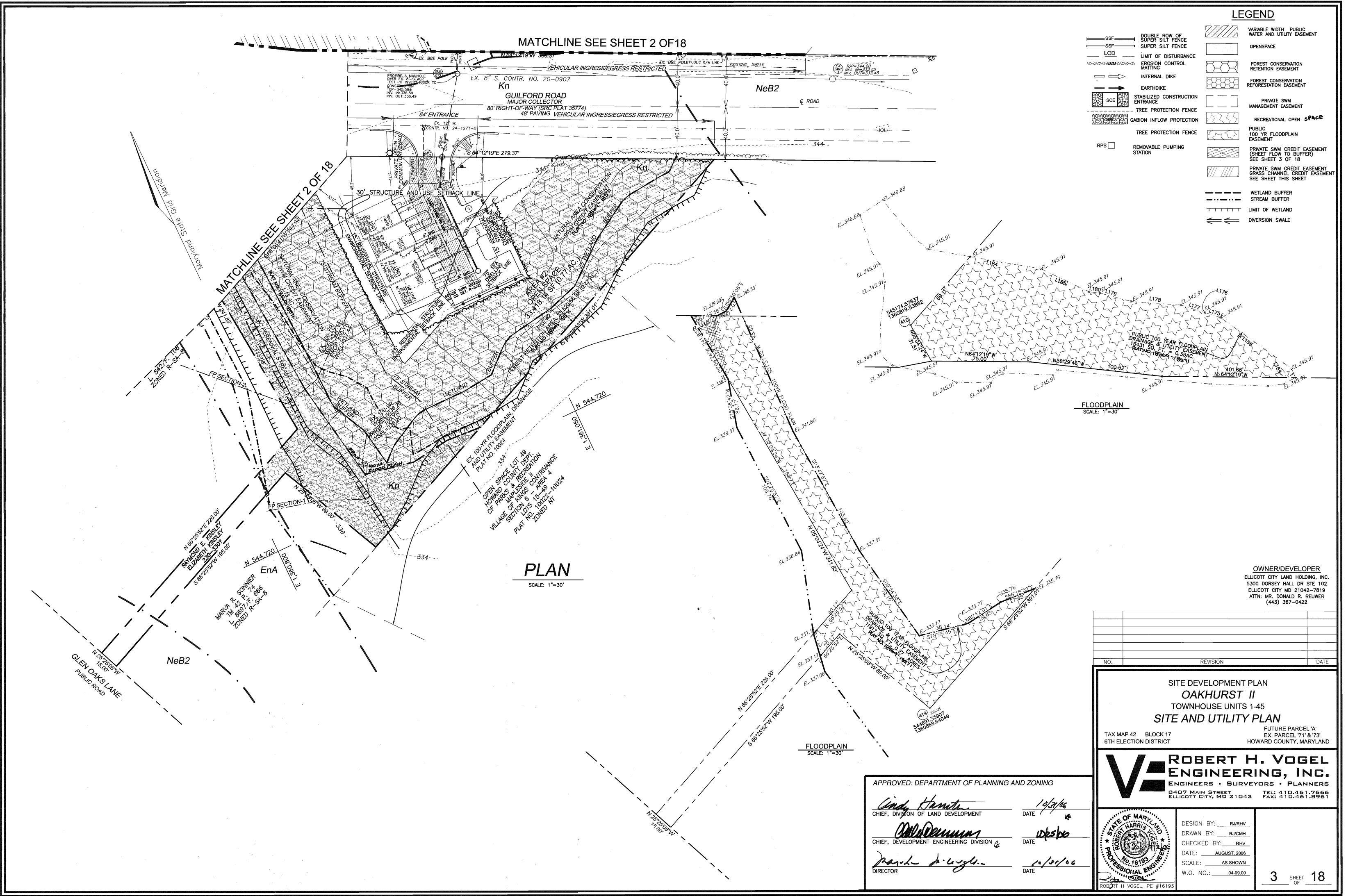
COVER SHEE

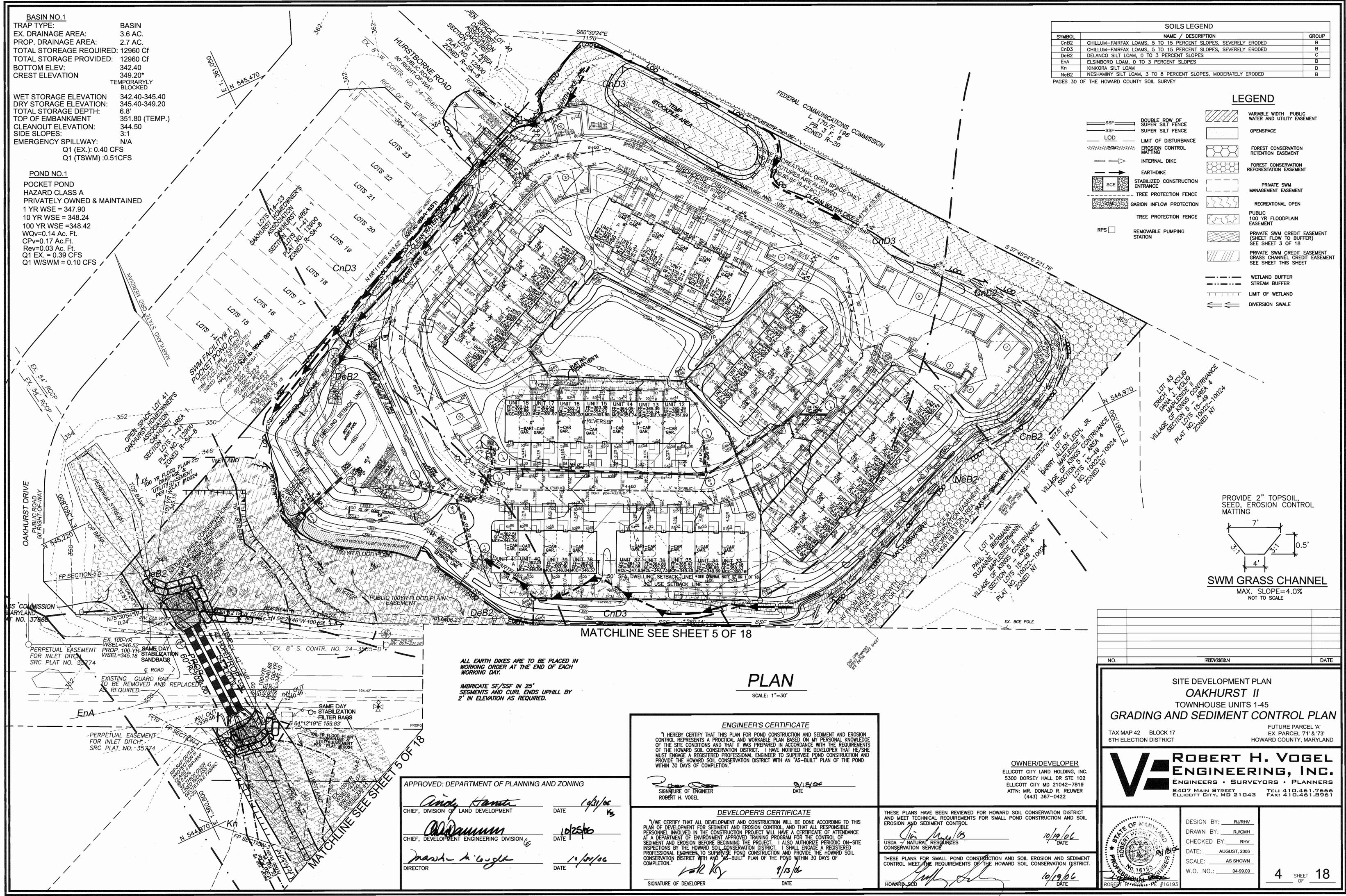
SHEET 18

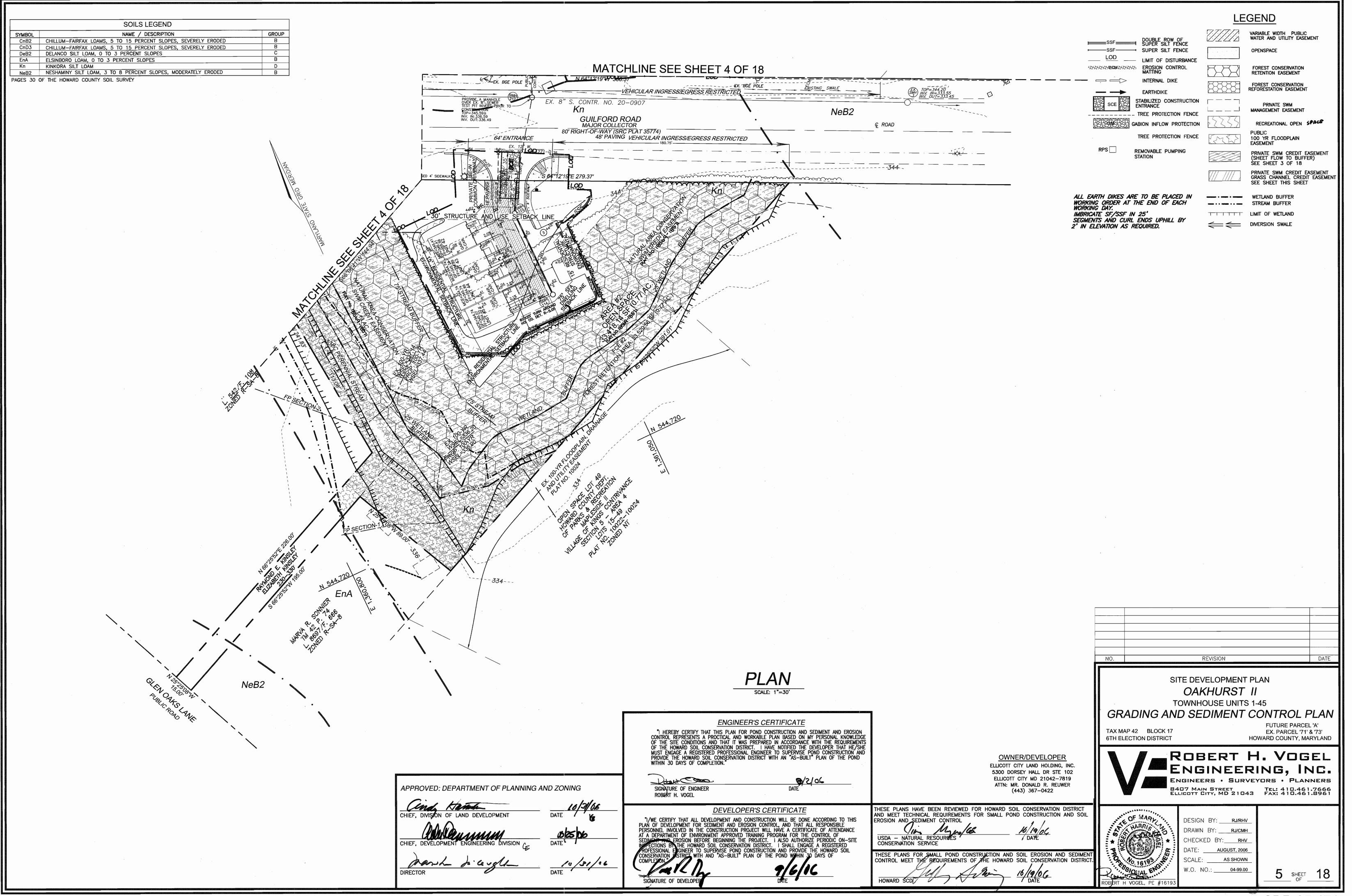
FUTURE PARCEL 'A'

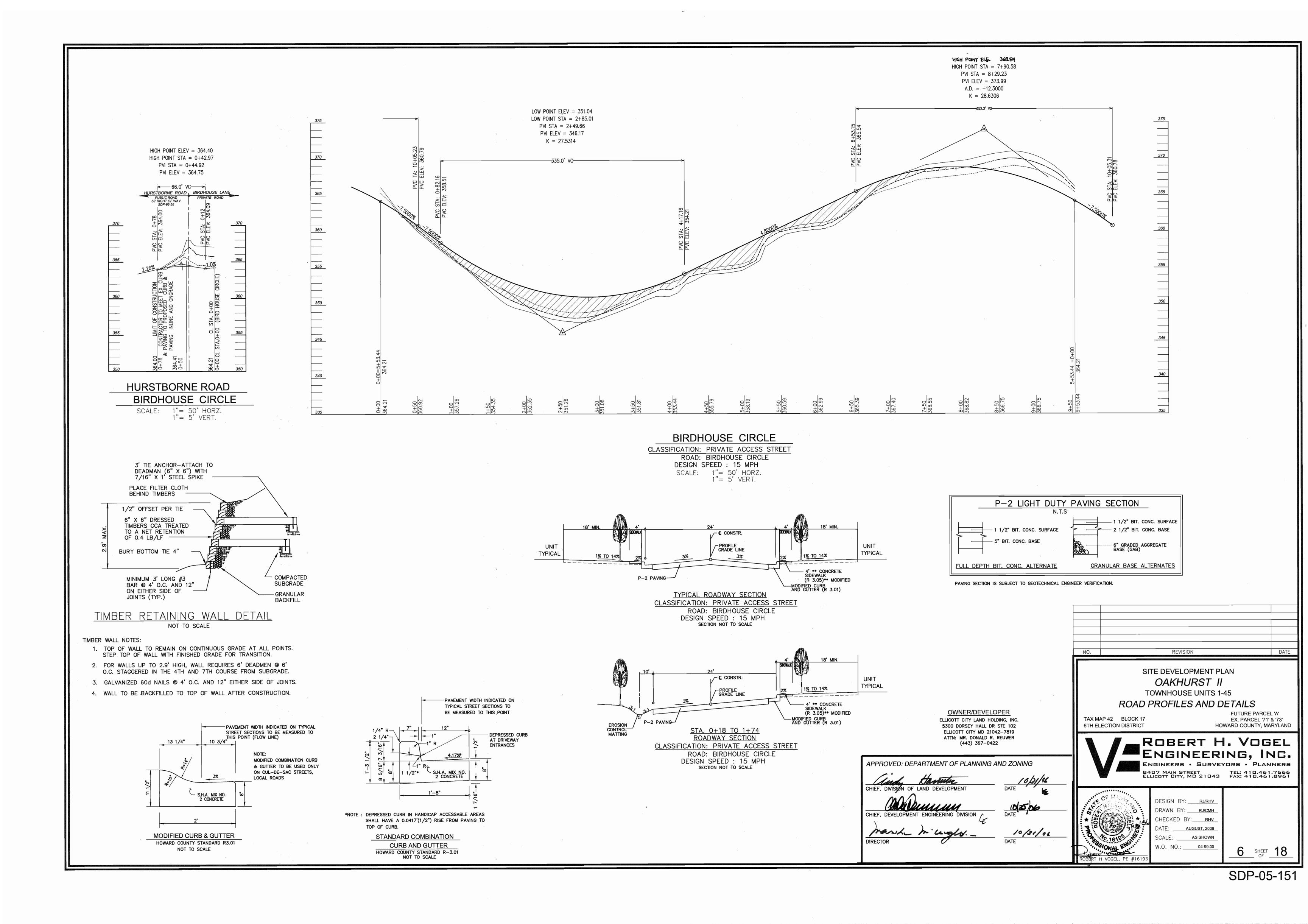
EX. PARCEL '71' & '73'

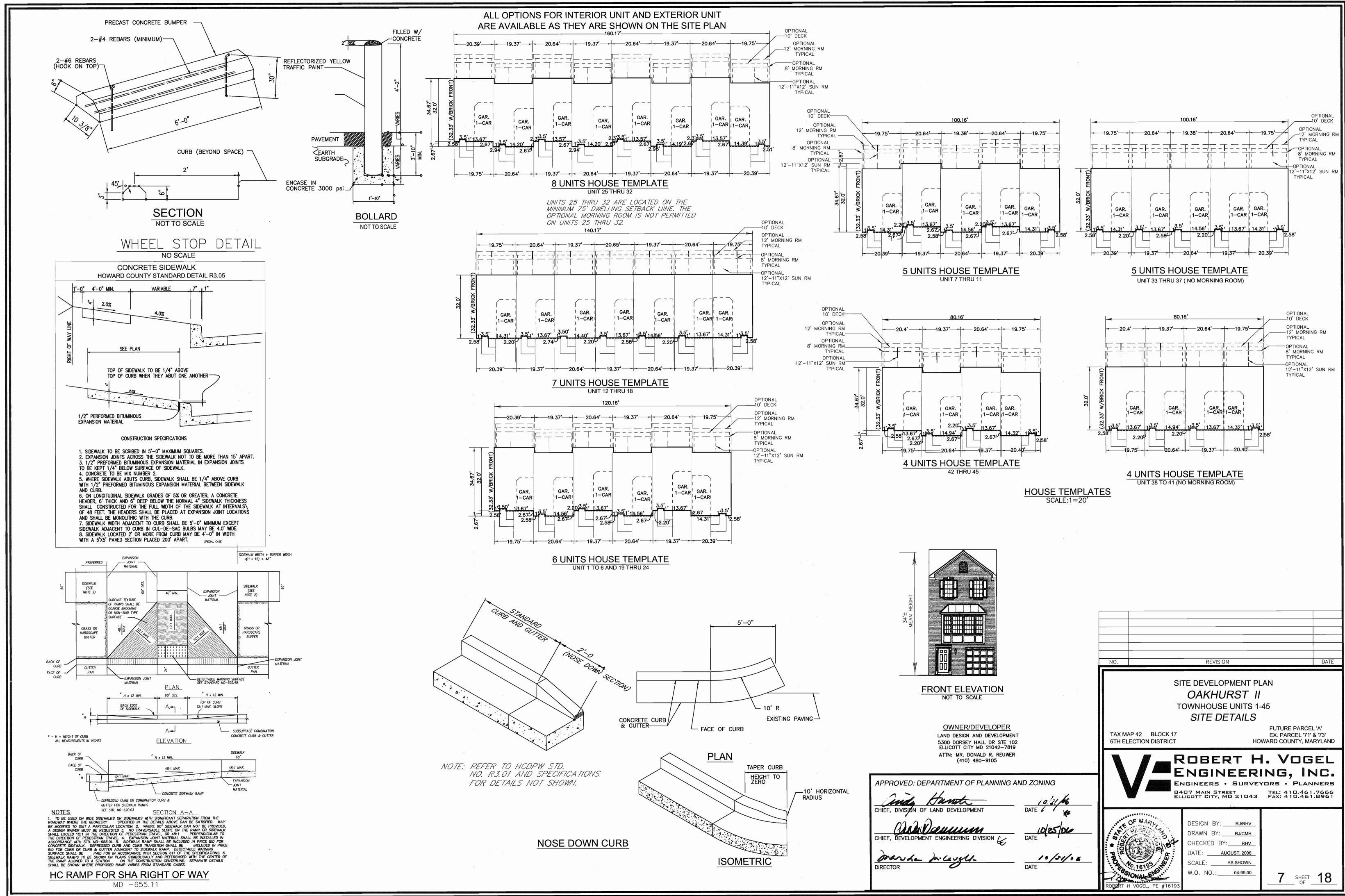


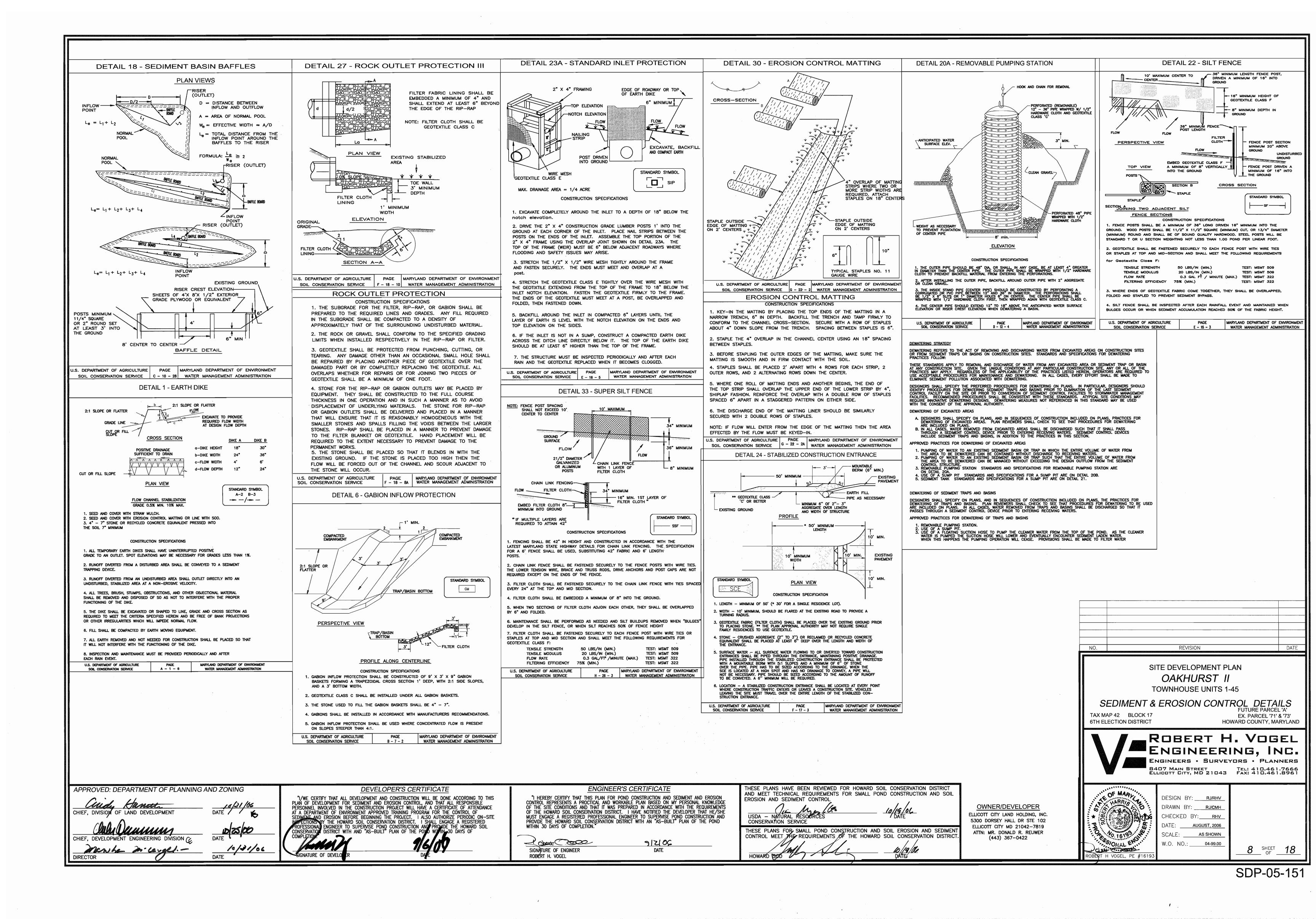


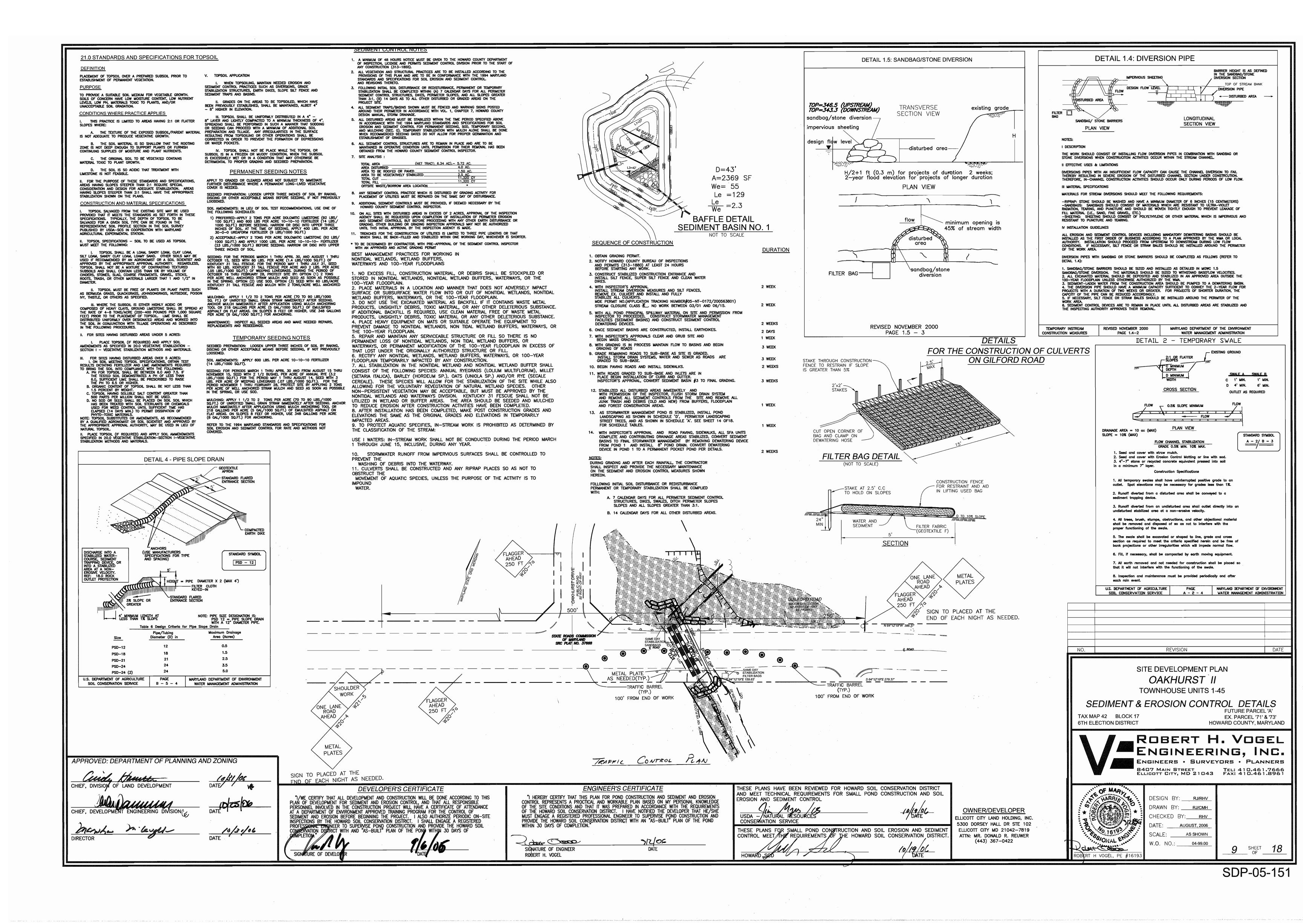


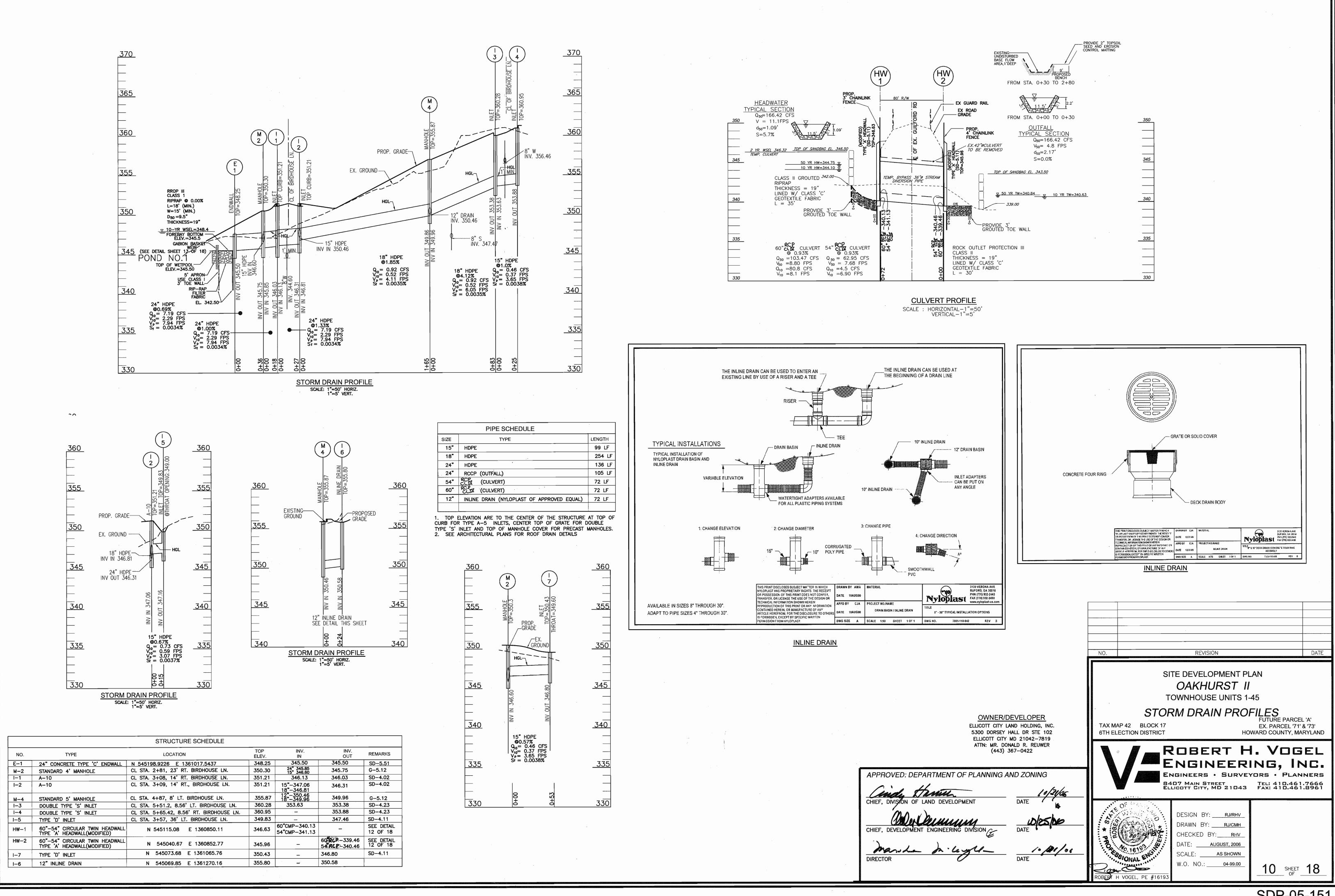


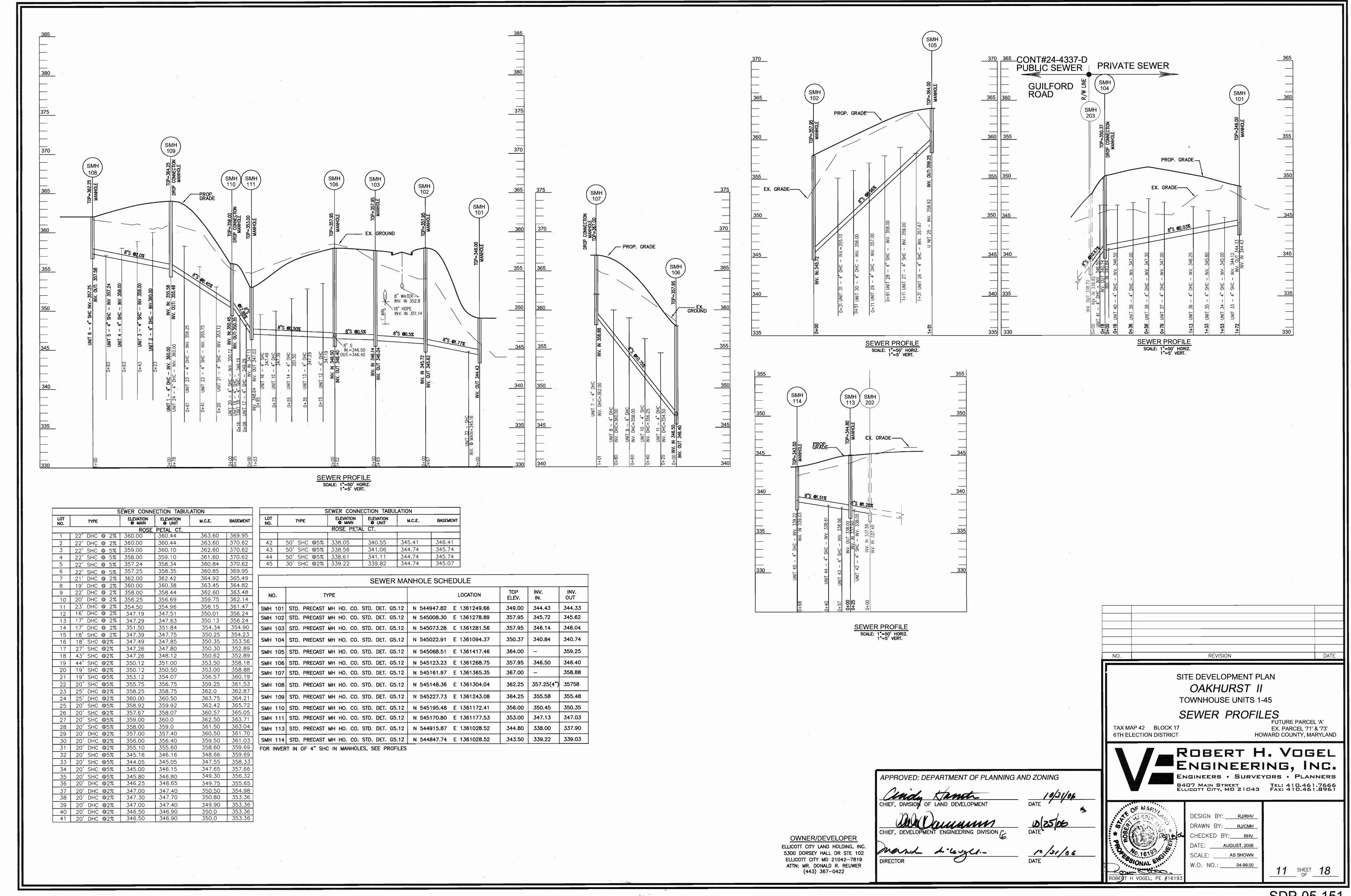


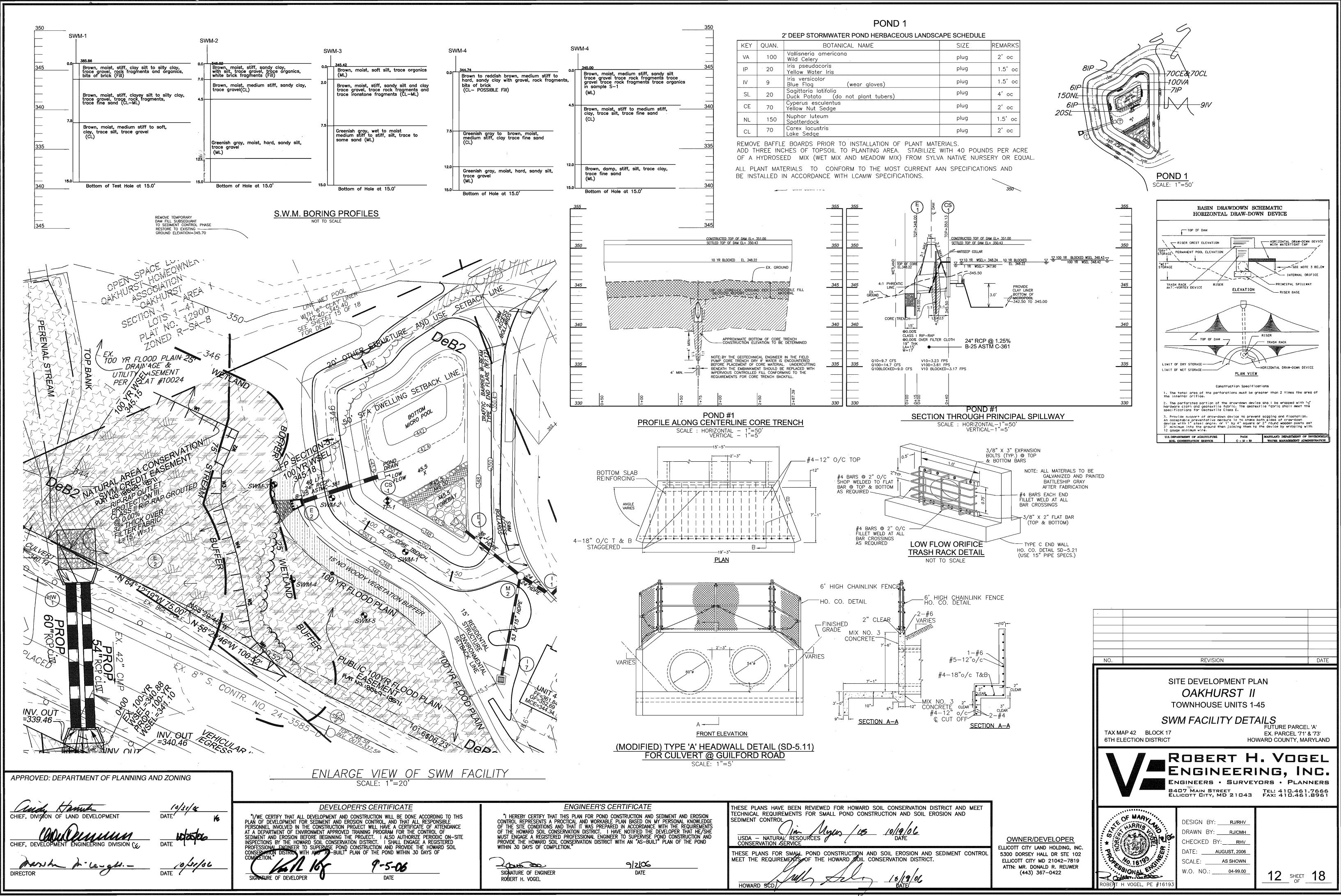


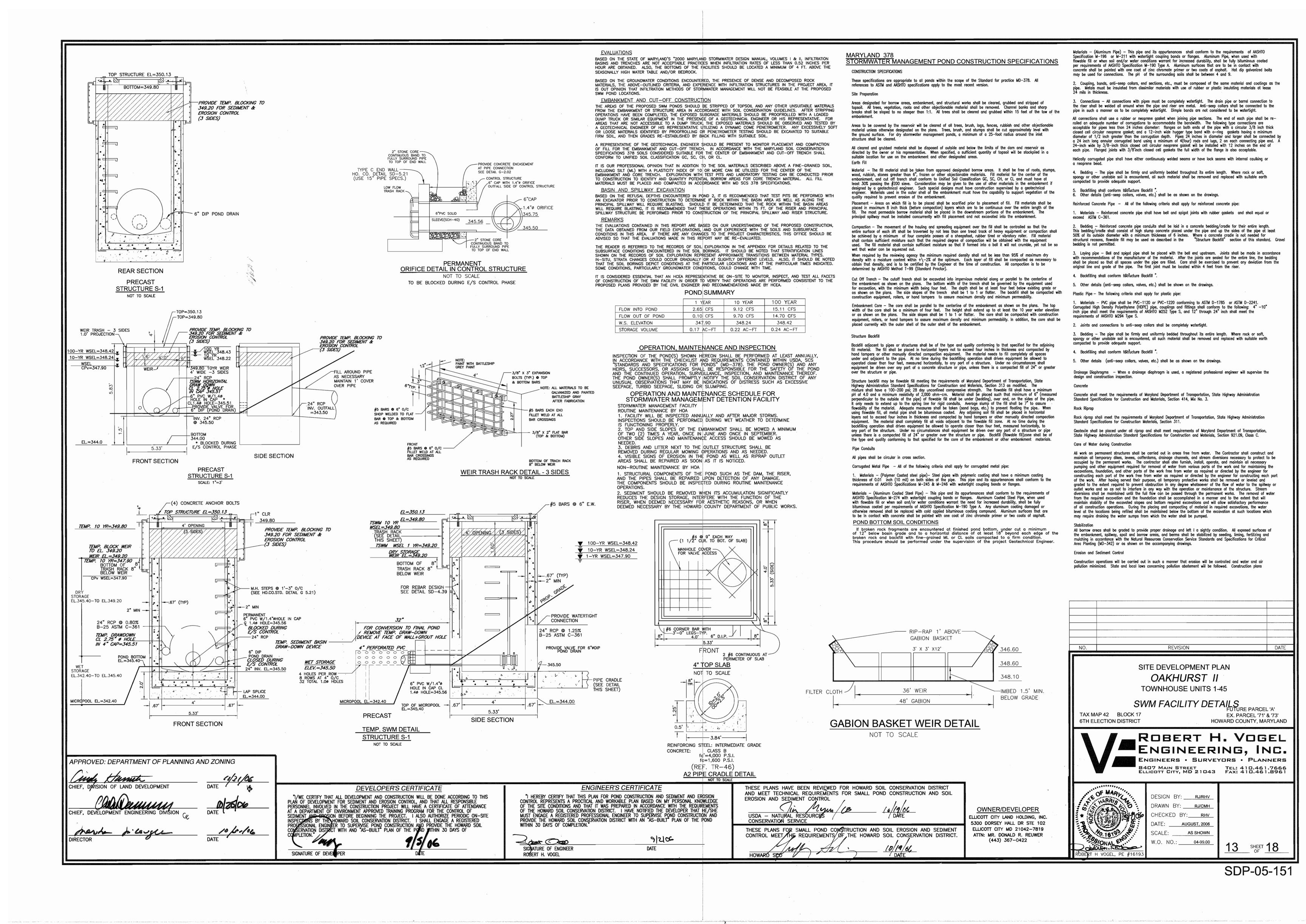


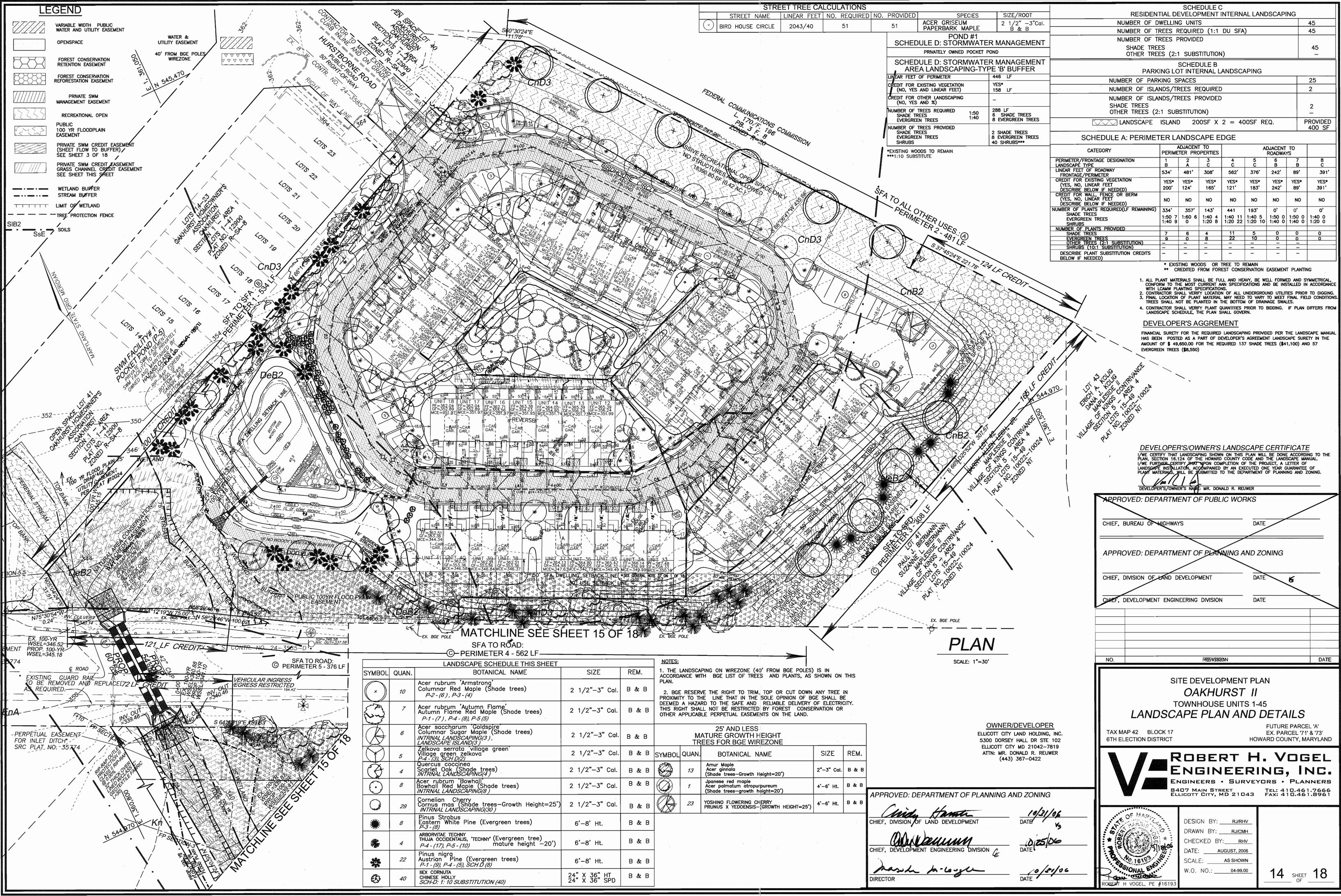


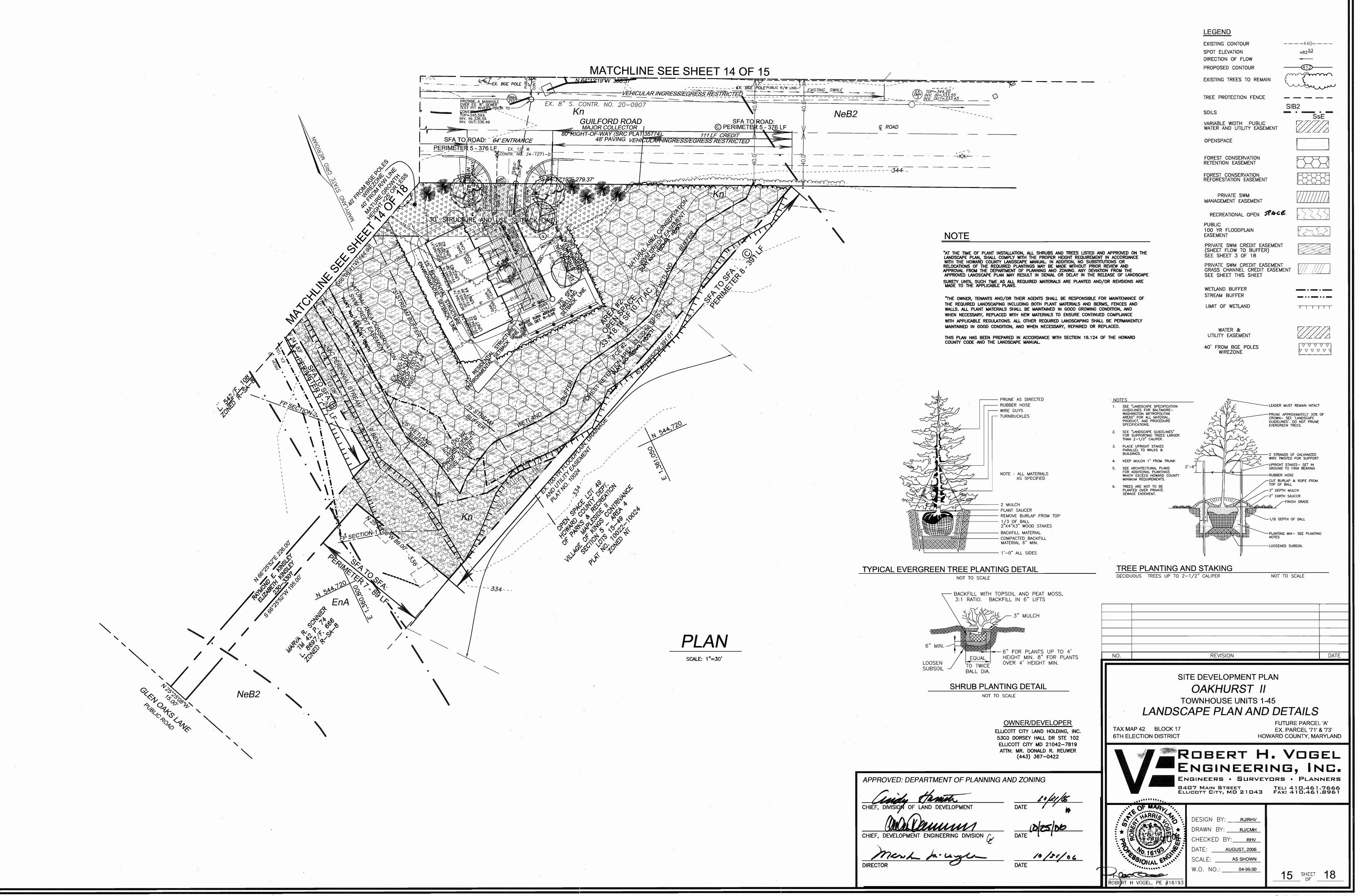


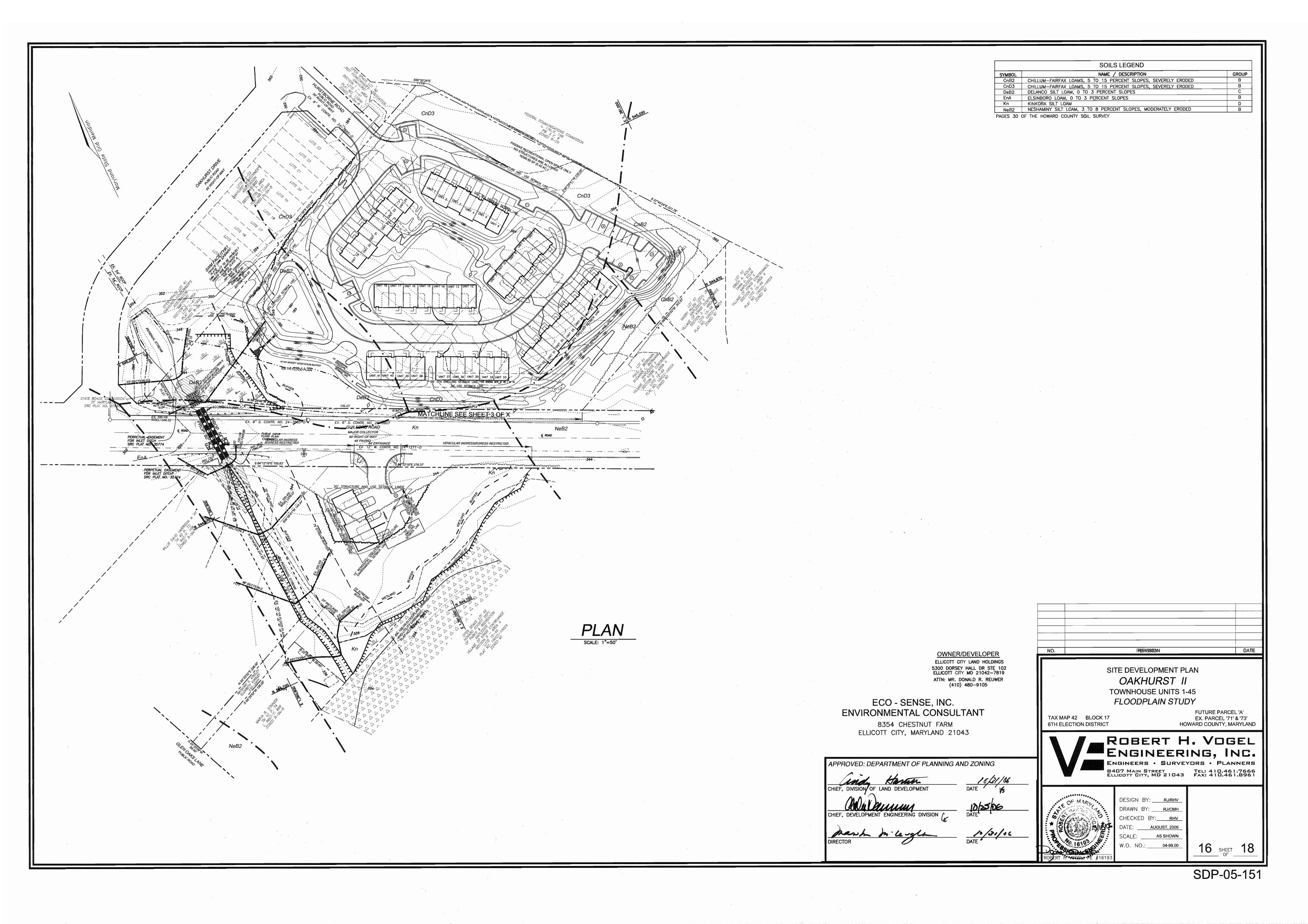


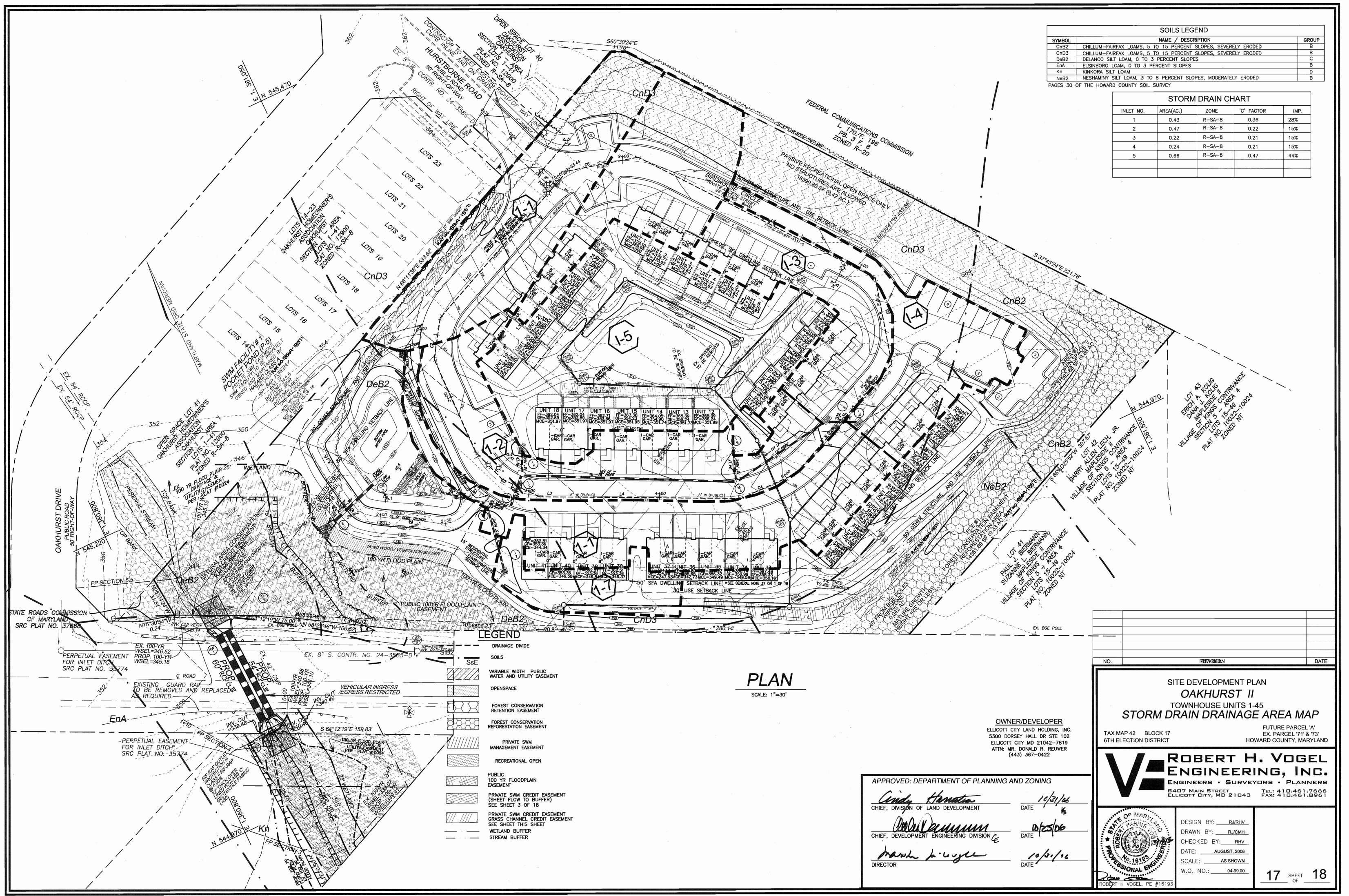


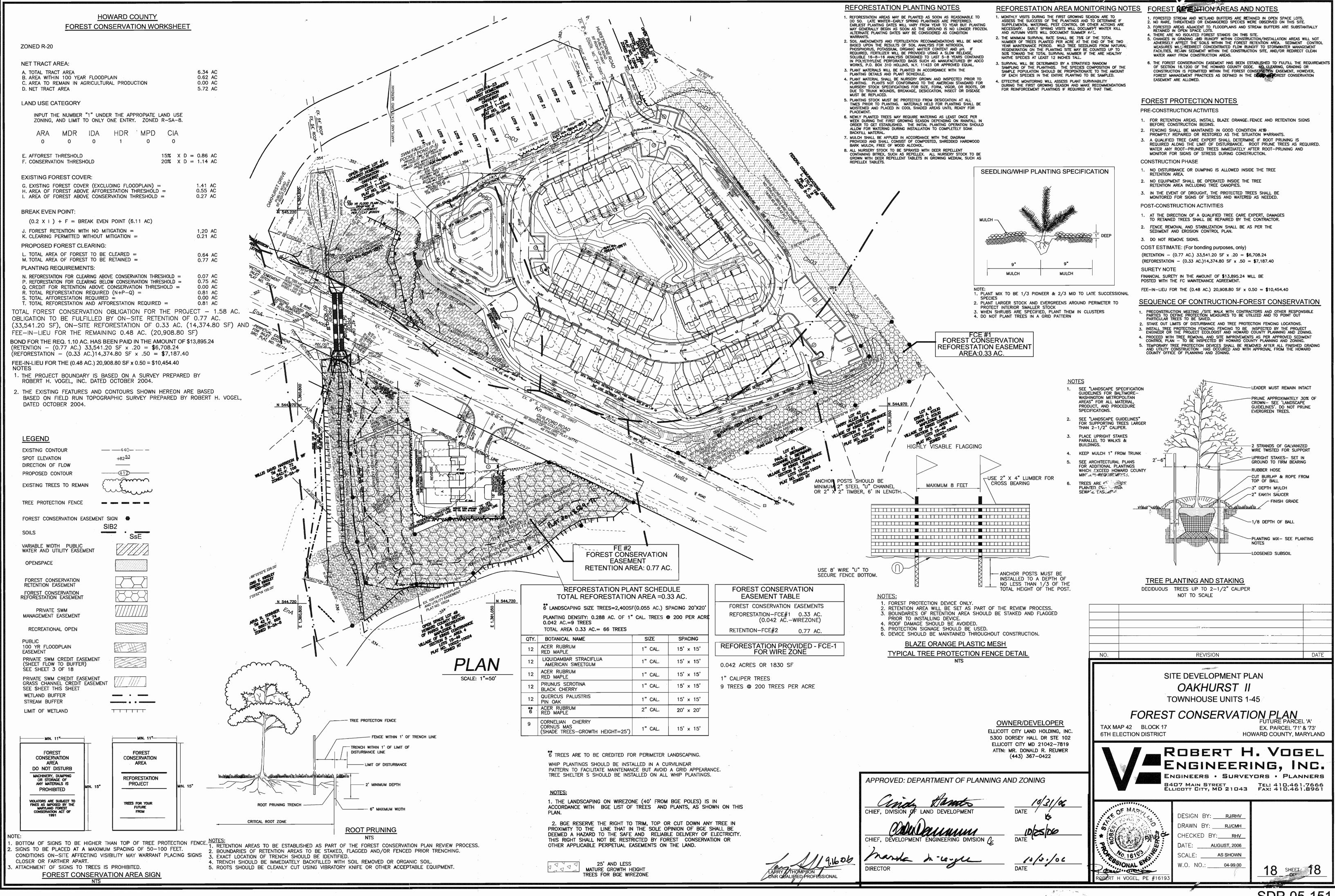


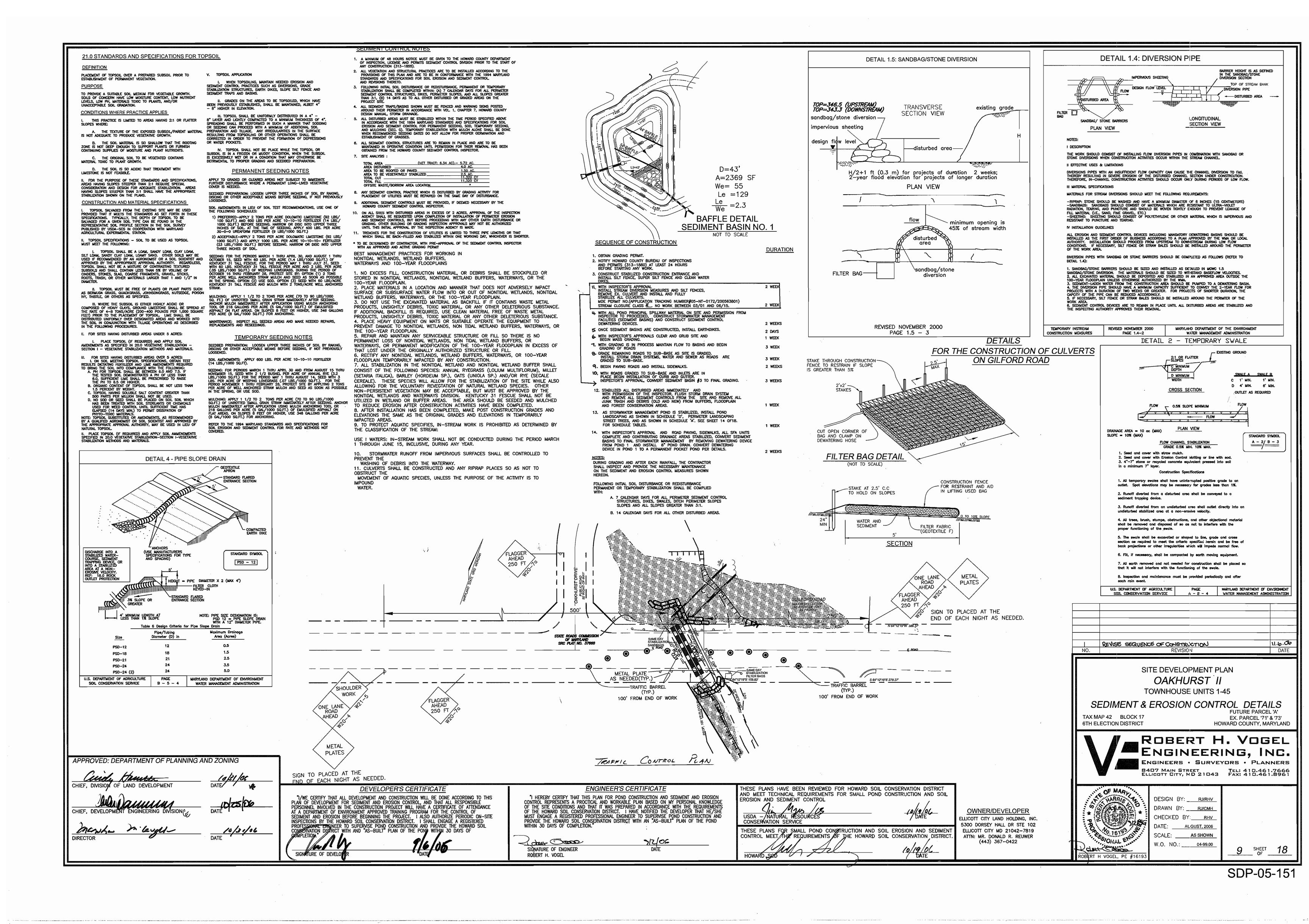












#### GENERAL NOTES THE CONTRACTOR IS TO NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE DAYS BEFORE STARTING WORK ON THESE DRAWINGS: 1-800-257-7777 MISS UTILITY 725-9976 VERIZON TELEPHONE HOWARD COUNTY BUREAU OF UTILITIES: 313-2366 393-3553 AT&T CABLE LOCATION DIVISION: 850-4620 B.G.&E. CO. CONTRACTOR SERVICES: B.G.&E. CO. UNDERGROUND DAMAGE CONTROL: STATE HIGHWAY ADMINISTRATION: PROJECT BACKGROUND: TAX MAP 42, PARCEL 71 7& 73, GRID 17 R-SA-8 542/0108 5222/455 DEED REFERENCE: ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE. DIVISION AT (410) 313-1880 AT LEAST FIVE (5) WORKING DAYS PRIOR TO THE START OF WORK.

ELLICOTT CITY LAND HOLDING, INC WP-06-20 AND F-06-087, A4-06-15 5300 DORSEY HALL DR STE 102 ELLICOTT CITY MD 21042-7819 ALL ASPECTS OF THE PROJECT ARE IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVERS HAVE ATTN: MR. DONALD R. REUWER (443) 367-0422

OWNER/DEVELOPER

GENERAL SITE DATA

PROPOSED USE OF SITE:

PROPOSED WATER SYSTEM:

PROPOSED SEWER SYSTEM:

AREA TABULATION

TOTAL PROJECT AREA: 6.34 AC

NET AREA OF SITE: 5.72 AC.

REQUIRED AT 2.0 SPACES PER DU.

PARKING TABULATION

PARKING SPACES REQUIRED:

R-SA-8

PUBLIC

SINGLE FAMILY ATTACHED

2 SPACES PER UNIT=90 SPACES

1 SPACE IN GARAGE=45 SPACES (FOR 45 UNITS)

1 SPACE ON DRIVEWAY=45 SPACES(FOR 45 UNITS)

PARKING ON SITE=25 SPACES

APPLICABLE DPZ FILE REFERENCE: WP-06-20, F-06-87, AA-06-15

TOTAL AREA OF BUILDABLE UNITS: 28,642 SF. (0.66 AC.)

APPROXIMATE LIMIT OF DISTURBANCE:174,540.77 (4.0 AC.)

0.3 SPACES PER UNIT FOR GUEST/OVERFLOW PARKING= 14 SPACES

HC. ACCESSIBLE SPACES: MIN 2% OF TOTAL SPACES REQ.= 1 SPACE

PARKING SPACES PROVIDED: UNIT= 1 GARAGE/1 DRIVEWAY=2 SPACES

TOTAL PARKING SPACES PROVIDED: =115 SPACES

IN ACCORDANCE WITH ZONING SECTIONS 133.C.1.a AND 133.D.2.a

IN THE GARAGES IN UNITS 1-45 MUST BE USED FOR PARKING ONLY,

LOOP OF BIRDHOUSE CIRCLE AROUND THE 3 PARKING SPACES LOCATED

DIRECTLY ACROSS FROM THE SWM FACILITY SIMILAR TO THE OTHER PARKING

SPACES AREAS ON THE INSIDE LOOP. ADDITIONALLY, A 4' WIDE CONCRETE

CIRCLE ADJACENT TO ALL COMMUNITY OWNED OPEN SPACES AREAS OR A 4'

35. THE CONTRACTOR OR DEVELOPER SHALL CONTACT THE CONSTRUCTION

36. FOLLOWING REQUESTS OF ALTERNATIVE COMPLIANCE TO DESIGN

MANUAL, VOLUME I HAVE BEEN DENIED ON SEPTEMBER 16, 2005 BY

REQUEST TO WAIVE SECTION 5.2.7.B.4 - REQUIRING A SAFETY BENCH.

REQUEST TO WAIVE SECTION 5.2.6.D.1 - REQUIRING A MAINTENANCE

REQUEST TO WAIVE SECTION 5.2.7.A.4 - REQUIRING A POND DRAIN.

DEPARTMENT OF PLANNING & ZONING & DEVELOPMENT ENGINEERING

INSPECTION DIVISION 24 HOURS IN ADVANCE OF COMMENCEMENT OF WORK

WIDE ASPHALT PATHWAY SHALL BE PROVIDED WITHIN THE OPEN SPACES AREAS.

SIDEWALK SHALL BE PROVIDED ALONG THE OUTSIDE EDGE OF BIRDHOUSE

PARKING IS NOT PERMITTED WITHIN THE SHOWN '30' OR 50' STRUCTURE AND

3. THE DEVELOPER SHALL PROVIDE A CONTINUOUS SIDEWALK ALONG THE INSIDE

TOTAL NUMBER OF UNITS ALLOWED AND PROPOSED

TOTAL PARKING SPACES REQUIRED: =104 SPACES

34. ALL TRASH COLLECTION TO BE PRIVATE.

AT (410) 313-1880.

DIVISION, HOWARD COUNTY.

PRESENT ZONING:

5. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF PUBLIC WORKS/BUREAU OF ENGINEERING/CONSTRUCTION INSPECTION

6. THE CONTRACTOR SHALL NOTIFY "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK

7. TRAFFIC CONTROL DEVICES, MARKINGS AND SIGNING SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL OF

UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ALL STREET AND REGULATORY SIGNS SHALL BE IN PLACE PRIOR TO THE

8. THE PROJECT BOUNDARY IS BASED ON A SURVEY PREPARED BY ROBERT H. VOGEL, INC. DATED OCTOBER 2004

9. THE TOPOGRAPHY SHOWN HEREON IS BASED ON FIELD RUN TOPOGRAPHIC SURVEY PREPARED BY ROBERT H. VOGEL, DATED

10. COORDINATE DATUM IS BASED ON THE MARYLAND COORDINATE SYSTEM (NAD 83) AS PROJECTED BY THE FOLLOWING HOWARD COUNTY GEODETIC CONTROL STATIONS: 42E3 & 42E4

II. WATER AND SEWER FOR THIS PROJECT WILL BE PUBLIC AND PROVIDED THROUGH 12" W-CONT.#24-1271-D, 8" S-CONT. #20-0907.

12. STORMWATER MANAGEMENT IS PROVIDED FOR THIS DEVELOPMENT. THE STORMWATER MANAGEMENT FACILITY IS P-5 POCKET POND PROVIDING THE REQUIRED WQV AND Cpv FOR THE DEVELOPMENT. THE FACILITY IS HAZARD

13. STORMWATER MANAGEMENT SOIL BORINGS FOR THIS SITE ARE BASED ON A GEOTECHNICAL ANALYSIS PREPARED BY HILLS-CARNES ENGINEERING ASSOC, DATED OCTOBER, 2004.

14. WETLANDS AND STREAMS SHOWN ON-SITE ARE BASED ON A FIELD INVESTIGATION BY ECO-SCIENCE, DATED OCTOBER 2005. 15. FLOODPLAIN SHOWN ON-SITE IS BASED ON A STUDY PREPARED BY ROBERT H. VOGEL ENGINEERING, INC. DATED APRIL 2005.

16. A FOREST STAND DELINEATION PLAN WAS PREPARED FOR THIS SITE BY ECO-SCIENCE PROFESSIONALS, INC. DATED MAY 2005. 17. FOREST CONSERVATION PLAN PREPARED BY ROBERT H. VOGEL ENGINEERING, INC. DATED JANUARY 2002. FOREST CONSERVATION

REQUIREMENTS PER SECTION 16.1202 OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION MANUAL. OBLIGATION FOR THIS PROJECT IS 1.58 AC. THE OBLIGATION WILL BE FULFILLED BY THE RETENTION OF EXISTING FOREST IN THE AMOUNT OF 0.77 ACRES, ON-SITE REFORESTATION IN THE AMOUNT OF 0.33 AC. AND FEE-IN-LIEU FOR THE REMAINING 0.48 AC. BOND FOR THE REQ. 1.10 AC. HAS BEEN PAID IN THE AMOUNT OF \$13,895.24  $(RETENTION - (0.77 AC.) 33,541.20 SF \times .20 = $6,708.24)$ 

 $(REFORESTATION) - (0.33 AC.) 14,374.80 SF \times .50 = $7,187.40$ FEE-IN-LIEU FOR THE (0.48 AC.) 20,908.80 SF x 0.50 = \$10.454.40

SEE FINAL PLAT F-06-087 FOR FOREST CONSERVATION EASEMENTS BOUNDARY RECORDED IN THE HOWARD COUNTY

18. NO CLEARING, GRADING, OR CONSTRUCTION IS PERMITTED WITHIN THE WETLANDS, STREAMS, OR THEIR BUFFERS, THE FOREST CONSERVATION EASEMENTS AND 100 YR FLOOD PLAIN AREA.

APFO TRAFFIC STUDY PREPARED BY THE TRAFFIC GROUP, DATED APRIL 14, 2005.

20. FINANCIAL SURETY FOR THE REQUIRED LANDSCAPING PROVIDED PER THE LANDSCAPE

MANUAL TO BE POSTED WITH THE DEVELOPER'S AGGREMENT LANDSCAPE SURETY IN THE AMOUNT OF \$49,650.00 FOR THE REQUIRED 137 SHADE TREES (\$41,100) AND 57 EVERGREEN TREES (\$8,550)

21. TREE PROTECTION FENCING WILL BE PROVIDED AT THE LIMITS OF DISTURBANCE WHERE GRADING IS ADJACENT TO FOREST CONSERVATION RETENTION AREAS AND SENSITIVE ENVIRONMENTAL AREAS, SUCH AS STREAM BUFFERS AND STEEP SLOPES.

22. STREET LIGHTING HAS BEEN PROVIDED FOR THE PUBLIC ROAD IN ACCORDANCE WITH SECTION 16.135 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE DESIGN MANUAL. A MINIMUM OF 20' SHALL BE MAINTAINED BETWEEN ANY STREET LIGHT AND ANY TREE.

23. SEDIMENT AND EROSION CONTROL HAS BEEN PROVIDED FOR THIS SITE.

24. THIS PROPERTY IS WITHIN THE METROPOLITAN DISTRICT.

25. TO THE BEST OF THE OWNERS KNOWLEDGE, THERE ARE NO BURIAL/CEMETARY LOCATIONS ON SITE. 26. A NOISE STUDY IS NOT REQUIRED FOR THIS SITE.

27. OPEN SPACE TO BE PRIVATELY OWNED AND MAINTAINED BY THE HOA. 28. REFUSE COLLECTION FOR THIS SITE WILL BE PRIVATE. THERE WILL BE NO COMMUNITY TRASH DUMPSTER FOR THIS PROJECT.

29. DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO ENSURE

SAFE ACCESS FOR FIRE EMERGENCY VEHICLES PER THE FOLLOWING MINIMUM REQUIREMENTS: A. WIDTH - 12 (14' FOR SERVING MORE THAN ONE RESIDENCE)

B. SURFACE - 6' OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING (1-1/2" MIN)

GEOMETRY - MAX 15% GRADE, MAX 10% GRADE CHANGE. AND MIN 45' TURNING RADIUS STRUCTURES (CULVERTS/BRIDGES) - CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING)

DRAINAGE ELEMENTS - CAPABLE OF SAFELY PASSING 100-YEAR FLOOD WITH NO MORE THAN 1 FOOT OF DEPTH OVER

F. MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE

30. GARAGES SHALL BE USED FOR PARKING PURPOSES ONLY AND ARE NOT PERMITTED TO BE CONVERTED TO OTHER USES PER THE HOWARD COUNTY ZONING REGULATIONS, UNLESS THE 2 OFF-STREET PARKING SPACES ARE PROVIDED WITHIN THE RESIDENTIAL UNIT DRIVEWAY.

A. SUPPLEMENTARY BULK REGULATIONS

THE FOLLOWING SUPPLEMENTARY REGULATIONS SHALL APPLY IN ADDITION TO THE REQUIREMENTS OF THE APPLICABLE

1. EXCEPTIONS TO SETBACK REQUIREMENTS a. IN ALL DISTRICTS EXCEPT THE NT DISTRICT, CORNICES, EAVES AND CANTILEVERED BUILDING FEATURES MAY PROJECT NOT MORE THAN THREE FEET INTO ANY REQUIRED SETBACK AREA.

b. IN ALL DISTRICTS EXCEPT THE NT DISTRICT, THE FOLLOWING BUILDING FEATURES, IF NOT MORE THAN 16 FEET IN WIDTH, MAY PROJECT NOT MORE THAN FOUR FEET INTO ANY REQUIRED SETBACK AREA OR REQUIRED DISTANCE BETWEEN BUILDINGS: BAY WINDOWS AND WINDOW WELLS: ORIELS: VESTIBULES BALCONIES; CHIMNEYS; HEATING OR AIR CONDITIONING UNITS; AND EXTERIOR STAIRWAYS OR RAMPS, WHETHER ABOVE OR BELOW GROUND LEVEL.

c. IN ALL RESIDENTIAL DISTRICTS

(BUT NOT IN THE NT DISTRICT), OPEN OR ENCLOSED PORCHES AND DECKS MAY PROJECT NOT MORE THAN 10 FEET INTO ANY REQUIRED FRONT OR REAR SETBACK AREA OR INTO A REQUIRED SETBACK FROM A PROJECT BOUNDARY OR DIFFERENT ZONING DISTRICT. EXTERIOR STAIRWAYS OR RAMPS, ABOVE OR BELOW GROUND LEVEL, MAY EXTEND NOT MORE THAN 10 FEET INTO A FRONT SETBACK AREA OR A SETBACK FROM A PROJECT BOUNDARY OR DIFFERENT ZONING DISTRICT, AND NOT MORE THAN 16 FEET INTO A REAR SETBACK AREA.

2. EXCEPTIONS TO LOT COVERAGE REQUIREMENTS

IN RESIDENTIAL DISTRICTS AND RESIDENTIAL LAND USE AREAS OF THE PGCC AND MXD DISTRICTS, BUT NOT IN THE NT DISTRICT, OPEN DECKS (DECKS WITHOUT ROOF OR WALLS) SHALL NOT BE CONSIDERED STRUCTURES FOR LOT COVERAGE PURPOSES WHEN CONSTRUCTED INTO A SINGLE-FAMILY ATTACHED DWELLING.

31. THIS SDP IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PER COUNCIL BILL NO 45-2003 AND THE AMENDED ZONING REGULATIONS PER COUNCIL BILL NO 75-2003. DEVELOPMENT OR CONSTRUCTION ON THIS PROPERTY MUST COMPLY WITH SETBACK AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF THE SITE DEVELOPMENT PLAN, WAIVER PETITION APPLICATION OR BUILDING/GRADING PERMIT APPLICATIONS.

32. THIS PLAN IS SUBJECT TO AN APPROVAL OF JOINT FEDERAL/ STATE APPLICATION FOR THE ALTERATION OF ANY FLOOD PLAIN, WATERWAY, TIDAL OR NON TIDAL WETLAND IN MARYLAND BY THE NON TIDAL WETLANDS AND WATERWAYS DIVISION OF THE WATER MANAGEMENT ADMINISTRATION (WMA). APPLICATION TRACKING NUMBER: 05-NT-0172/200563801

33. THIS PLAN IS SUBJECT TO THE APPROVAL OF WAIVER PETITION, WP-06-20 APPROVED ON JUNE 22, 2006. FOR THE FOLLOWING WAIVERS:

SECTION 16.134(a)(1) WHICH REQUIRES THE CONSTRUCTION OF SIDEWALKS ON BOTH SIDES OF ALL STREET WITHIN A MULTI-FAMILY RESIDENTIAL DEVELOPMENT PROJECT, AND FROM SECTION 16.116(a) WHICH PROHIBITS THE GRADING, REMOVAL OF VEGETATIVE COVER AND TREES. PAVING AND NEW STRUCTURES WITHIN 25 FEET OF A WETLANDS AND 75 FEET OF A PERENNIAL STREAM FOR THE REPLACEMENT OF AN EXISTING METAL PIPE CULVERT UNDERNEATH GUILFORD ROAD WITH DUAL 54" AND 60" METAL PIPES.

APPROVAL IS SUBJECT TO THE FOLLOWING CONDITIONS:

1. THE WAIVER PETITION APPROVAL PERTAINS ONLY TO THE LIMIT OF DISTURBANCE WITHIN THE 25' WETLANDS AND 75' STREAM BUFFERS AS SHOWN ON THE REVISED WAIVER PETITION PLAN EXHIBIT AND THE REVISED SITE DEVELOPMENT PLAN, SDP-05-151 SUBMITTED ON MAY 12, 2006. THE LIMIT OF DISTURBANCE SHALL BE THE MINIMUM NECESSARY FOR THE REPLACEMENT OF AN EXISTING METAL PIPE CULVERT UNDERNEATH GUILFORD ROAD, ALL WATER QUALITY PERMITS. MDE PERMITS AND U.S. ARMY CORPS OF ENGINEERS PERMITS WILL BE OBTAINED.

2. BEST MANAGEMENT PRACTICES FOR WORKING WITHIN THE STREAM, FLOOD PLAIN AND BUFFER AREAS SHALL BE USED BY ALL CONTRACTORS WHEN REPLACING THE GUILFORD ROAD PIPE CULVERT, STABILIZATION SHALL BE INITIATED IMMEDIATELY UPON COMPLETION OF THE CONSTRUCTION WORK.

## OAKHURST II

**UNITS 1-45** HOWARD COUNTY, MARYLAND

LOCATION PLAN

TOTAL NUMBER OF UNITS ALLOWED AND PROPOSED:45

OPEN SPACE REQUIRED: 1.59 AC (69,260 SF)

PASSIVE RECREATIONAL OPEN SPACE ONLY:

NO STRUCTURES ARE ALLOWED.

10% MODERATE INCOME

10% MODERATE INCOME

HOUSING REQUIRED:

HOUSING PROVIDED:

THE PROPOSED RECREATIONAL AREA.

OPEN SPACE CALCULATION: 25% OF GROSS PROPERTY AREA

6.34 AC.

0.62 AC.

5.72 AC.

400 SF PER UNIT 0.413 SF (18,000 SF)

5 UNITS (Sec note 39)

18.390.80 SF

0.42 AC.

8.0 DWELLING UNITS/NET AREA

CREDITED OPEN SPACE PROVIDED ( 26%): 71,874 SF (1.65 AC.)

NON CREDITED OPEN SPACE PROVIDED: 79,279.20 SF (1.82 AC.)

RECREATIONAL FACILITIES SUCH AS BASKETBALL OR TENNIS COURTS,

FENCES. SWIMMING POOLS. PLAYGROUND EQUIPMENT OR TOT LOTS.

CONSIDERED TO BE STRUCTURES AND ARE NOT PERMITTED WITHIN

37. THIS PROJECT IS SUBJECT TO COMPLIANCE WITH THE DECISION AND

ORDER DATED MAY 26, 2006 FOR ADMINISTRATIVE ADJUSTMENT CASE NO.

06-15 FOR A 20% VARIANCE REDUCTION OF THE 50' DWELLING SETBACK

REQUIREMENT FROM THE GUILFORD ROAD R/W LINE TO 40' FOR UNITS 33

38. OAKHURST II CONDOMINIUM, INC. HAS BEEN ESTABLISHED AS THE

CONDOMINIUM ASSOCIATION FOR THIS PROJECT AND IS REGISTERED WITH

MARYLAND DEPARTMENT OF ASSESSMENT AND TAXATION AS CHARTER NO.

ETC. THAT ARE PERMANENTLY ATTACHED TO THE GROUND ARE

SITE ANALYSIS:

DENSITY TABULATION

100-YEAR FLOODPLAIN

STEEP SLOPES OUTSIDE FLOODPLAIN

SPACE REQUIRED:

SPACE PROVIDED:

RECREATION OPEN

TRACT AREA

NET AREA

DENSITY

# SITE DEVELOPMENT PLAN

ANY FUTURE IMPROVEMENTS OR THE ADDITION OF ANY IMPERVIOUS AREAS WILL REQUIRE THE SUBMISSION OF A NEW SDP TO DPZ-DED FOR REVIEW AND APPROVAL (EXCLUDING DECKS).

AREA 3.82 AC.	REQUIREMENT	VOLUME REQUIREMENT W/O CREDITS	CREDITS	VOLUME REQUIREMENT AFTER CREDITS	NOTES
1	WATER QUALITY VOLUME <b>WQ</b> V	0.1391 AC.FT.	0.37 AC.	0.1256 AC. FT.	POCKET POND(P-5)+ NATURAL AREA CONSERVATION CREDIT
2	RECHARGE VOLUME REV	0.03 AC.FT. 0.3778 AC.	0.3778 AC.	0	GRASS CHANNEL CREDIT
3	CHANNEL PROTECTION VOLUME CPV	0.1715 AC. FT.	N/A	D.1715 AC.FT.	POCKET POND(P-5)
4	OVERBANK FLOOD PROTECTION, QP	N/A	N/A	N/A	
5	EXTREME FLOOD VOLUME, QF	N/A	N/A	N/A	
	* ON-SITE ONLY WQV+REV				
	STORMWATER MA	ANAGEMEN	T SUMMARY T	ABLE AREA	<b>A 2</b>

STORMWATER MANAGEMENT SUMMARY TABLE AREA 1

AREA 1.00° AC.	REQUIREMENT	VOLUME REQUIREMENT W/O CREDITS	CREDITS	VOLUME REQUIREMENT AFTER CREDITS	NOTES
1	WATER QUALITY VOLUME WQV	0.0154 AC.FT.	1.00 AC.FT.	0	GRASS CHANNEL CREDIT
2	RECHARGE VOLUME REV	0.0040 AC.FT. 0.0390 AC.	0.0390 AC.	0	GRASS CHANNEL CREDIT
3	CHANNEL PROTECTION VOLUME CPV	D	N/A	0.96 AC.FT.	Q1 DEV = 0.13 CFS · Q1 EX = 0.14 CFS
4	OVERBANK FLOOD PROTECTION, QP	N/A	N/A	N/A	
5	EXTREME FLOOD VOLUME, QF	N/A	N/A	N/A	
	* ON-SITE ONLY WQV+REV				

#### STORMWATER MANAGEMENT SUMMARY TABLE AREA 3

AŘEA 1.52 AC.	REQUIREMENT	VOLUME REQUIREMENT W/O CREDITS	CREDITS	VOLUME REQUIREMENT AFTER CREDITS	NOTES
1 WATER QUALITY VOLUME WQV		0.0248 AC.FT.	1.52 AC.	O AC.FT.	SHEET FLOW TO BUFFER (0.39 CREDIT(0.39)+ NATURAL AREA CONSERVATION CREDIT(1.13)
2	RECHARGE VOLUME REV	0.0017 AC.FT. 0.0169 AC.	0.0169 AC.	O AC.FT.	SHEET FLOW TO BUFFER (0.39 CREDIT(0.39)+ NATURAL AREA CONSERVATION CREDIT(1.13)
3	CHANNEL PROTECTION VOLUME CPV	INCLUDED WITH AREA 1	-	O AC.FT.	
4	OVERBANK FLOOD PROTECTION, QP	N/A	N/A	N/A	
5	EXTRÈME FLOOD VOLUME, QF	N/A	N/A	N/A	

CONC. MONUMENT 13' OFF OF LEFT SHOULDER WEST BOUND ROUTE 32, 54.2' NORTH/WEST CONC. MONUMENT IN GRASS MEDIAN WEST BOUND MD ROUTE 32, 20.1' OFF OF LEFT SHOULDER

SHEET INDEX	
DESCRIPTION	SHEET NO
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SITE AND UTILITY PLAN	3 OF 18
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GRADING AND SEDIMENT CONTROL PLAN	5 OF 18
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SITE DETAILS	7 OF 18
SEDIMENT AND EROSION CONTROL DETAILS	8 OF 18
SEDIMENT AND EROSION CONTROL DETAILS	9 OF 18
STORM DRAIN PROFILES	10 OF 18
SEWER PROFILES	11 OF 18
SWM FACILITY DETAILS	12 OF 18
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LANDSCAPE PLAN AND DETAILS	14 OF 18
LANDSCAPE PLAN AND DETAILS	15 OF 18
FLOODPLAIN STUDY AND STREAM IMPROVEMENTS	16 OF 18
STORM DRAIN DRAINAGE AREA MAP	17 OF 18
FOREST CONSERVATION PLAN	18 OF 18

,	ADDRESS CHART											
UNIT NO	STREET ADDRESS	UNIT NO	STREET ADDRE	SS	LOT NO	STREET ADDRESS						
1	9410 BIRDHOUSE CIRCLE	19	9470 BIRDHOUSE	CIRCLE	37	9449 BIRDHOUSE CIRCLE						
2	9412 BIRDHOUSE CIRCLE	20	9472 BIRDHOUSE	CIRCLE	38	9453 BIRDHOUSE CIRCLE						
3	9414 BIRDHOUSE CIRCLE	21	9474 BIRDHOUSE	CIRCLE	39	9455 BIRDHOUSE CIRCLE						
4	9416 BIRDHOUSE CIRCLE	22	9476 BIRDHOUSE	CIRCLE	40	9457 BIRDHOUSE CIRCLE						
5	9418 BIRDHOUSE CIRCLE	23	9478 BIRDHOUSE	CIRCLE	41	9459 BIRDHOUSE CIRCLE						
6	9420 BIRDHOUSE CIRCLE	24	9480 BIRDHOUSE	CIRCLE	42	9441 GUILFORD ROAD						
7	9424 BIRDHOUSE CIRCLE	25	9423 BIRDHOUSE	CIRCLE	43	9443 GUILFORD ROAD						
8	9426 BIRDHOUSE CIRCLE	26	9425 BIRDHOUSE	CIRCLE	44	9445 GUILFORD ROAD						
9	9428 BIRDHOUSE CIRCLE	27	9427 BIRDHOUSE	CIRCLE	45	9447 GUILFORD ROAD						
10	9430 BIRDHOUSE CIRCLE	28	9429 BIRDHOUSE	CIRCLE								
11	9432 BIRDHOUSE CIRCLE	29	9431 BIRDHOUSE	CIRCLE								
12	9446 BIRDHOUSE CIRCLE	30	9433 BIRDHOUSE	CIRCLE ,								
13	9448 BIRDHOUSE CIRCLE	31	9435 BIRDHOUSE	CIRCLE								
14	9450 BIRDHOUSE CIRCLE	32	9437 BIRDHOUSE	CIRCLE								
15	9452 BIRDHOUSE CIRCLE	33	9441 BIRDHOUSE	CIRCLE								
16	9454 BIRDHOUSE CIRCLE	34	9443 BIRDHOUSE	CIRCLE								
17	9456 BIRDHOUSE CIRCLE	35	9445 BIRDHOUSE	CIRCLE								
18	9458 BIRDHOUSE & CIRCLE	36	9447 BIRDHOUSE	CIRCLE								

BENCHMARK INFORMATION

E 413887.0332

E 414366.1877(M)

OF EXISTING CUT IN BRIDGE WALL.

107.5' EAST OF STORMDRAIN INLET

N 544851.1973 (FT) E 135789.375(FT)

HO. CO. #42E3

HO. CO. #42E4

N 546528.8416 (FT)

N 166582.3241 (M)

N 166070.9771 (M)

39. THE 5 MIHU'S ARE PROVIDED AT AN OFF-SITE LOCATION AT

NORTHING

4 1361605.5704

5 1361323.6548

1 1361307.7549 545389.9742

2 1361317.9387 545384.2140

6 1361071.4303 545011.7384 7. | 1360822.5541 | 545143.1286

8 1360819.5388 545174.5784

10 | 1360842.9778 | 544910.5568

13 1360651.7057 544693.7520

 14
 1360830.4387
 544771.7233

 15
 1360868.6405
 544691.3391

16 1361227.0278 544847.6835

17 | 1360975.4976 | 544969.2498

1360852.9773 544797.9208 1360645.8303 544707.5541

1360831.5928

EASTING

544889.8365

1. 8473 FREDRICK ROAD (CERTIFICATE # 2004-01) ELLICOTT CITY, MD 21043 2. 8475 FREDRICK ROAD (CERTIFICATE # 2004-02) ELLICOTT CITY, MD 21043

3. 8321 CHURCH ROAD, APARTMENT I (CERTIFICATE # 2004-03) ELLICOTT CITY, MD 21043 4. 8321 CHURCH ROAD, APARTMENT II (CERTIFICATE # 2004-04)

ELLICOTT CITY, MD 21043 5. 8321 CHURCH ROAD, APARTMENT III (CEIZTH-CATE # 2004-05, ELLICOTT CITY, MD 21043

PERMIT INFORMATION CHART

	f	SECTION/AREA			UNIT				
		ST			N/A	1	THRU 45		
	DEED REF/RAT	BLOCK	NO	ZONE	TAX	MAP	ELECT DIS	ST	CENSUS TR
_	10021/219	17		R-SA-8		42	6TH		6069.03
	WATER CO	S	EWER	CODE:	5:	200400			
Ì	WATER CODE: E-14 SEWER CODE: 5200400  APPROVED: DEPARTMENT OF PLANNING AND ZONING								

CHIEF, DIVISION OF LAND DEVELOPMENT

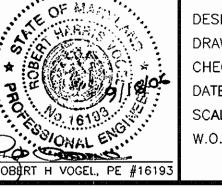
11.6.06 DATE REVISE SEQUENCE OF CONSTRUCTION SITE DEVELOPMENT PLAN

OAKHURST II **TOWNHOUSE UNITS 1-45** COVER SHEET

TAX MAP 42 BLOCK 17 **6TH ELECTION DISTRICT** 

HOWARD COUNTY, MARYLAND ROBERT H. VOGEL





DRAWN BY: \_\_\_\_\_RJ/CMH CHECKED BY: RHV SCALE: \_\_ AS SHOWN W.O. NO.: \_\_\_\_\_04-99.00

SHEET

**FUTURE PARCEL 'A'** 

EX. PARCEL '71' & '73'