SHEET INDEX SHEET NO. DESCRIPTION 2 PRELIMINARY EQUIVALENT SKETCH PLAN & LANDSCAPE PLAN 3 SCHEMATIC GRADING AND SEDIMENT CONTROL PLAN PRELIMINARY FOREST CONSERVATION PLAN 5-8 STORMWATER MANAGEMENT

PRELIMINARY EQUIVALIBNY SKETCH PLAN

	COORDINATE	IABLE
Point	North	East
401	N 557491.66	£ 1390363.31
441	N 557754.07	E 1390698.42
442	N 557395.16	£ 1391059.55
443	N 557303.02	£ 1390968.69
444	N 557300.25	E 1390968.07
445	N 557434.19	€ 1390831.62
446	N 557376.22	E 1390700.8
406	N 557261.81	E 1390579.9

WINTERS LAND INVESTMENTS LLC

BUILDABLE LOTS 1 THRU 8 & OPEN SPACE LOT 9

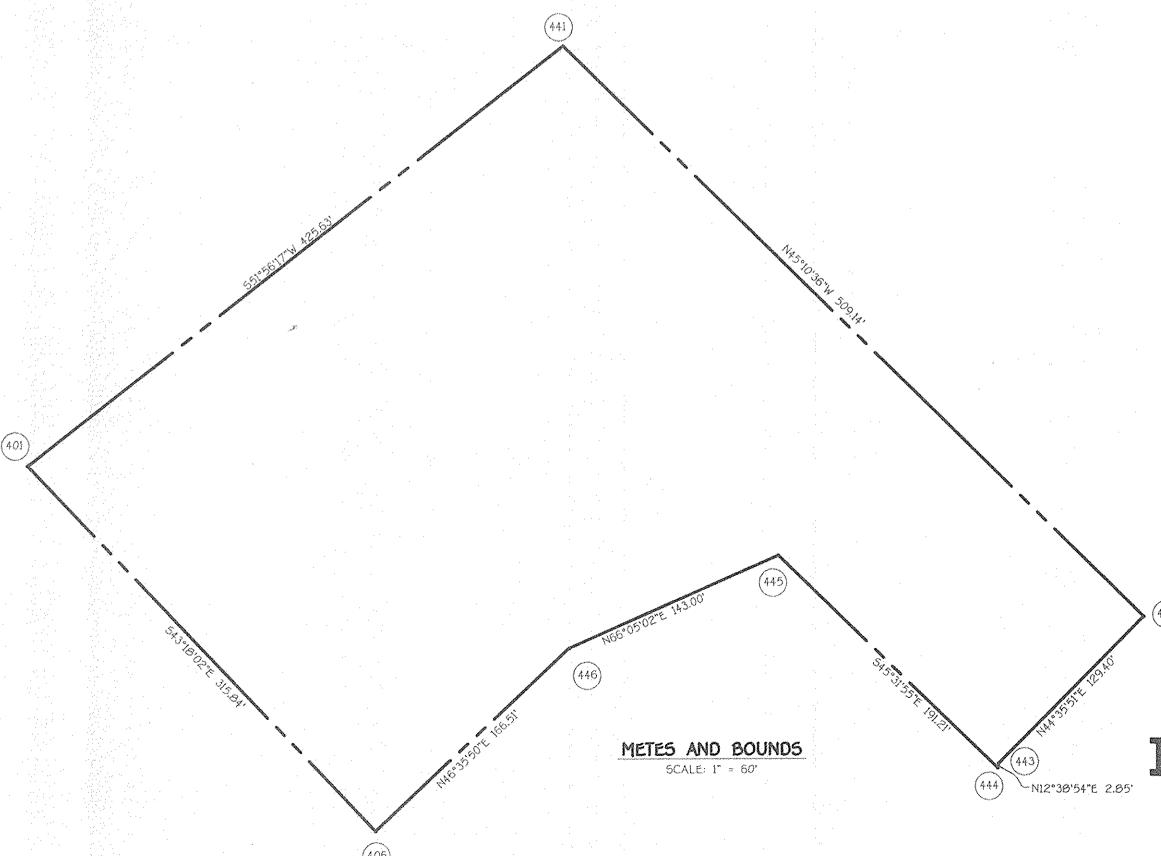
(A RESUBDIVISION OF LOT 2, NORRIS E. POOL SUBDIVISION, PLAT No. 3342)

ZONING: R-12

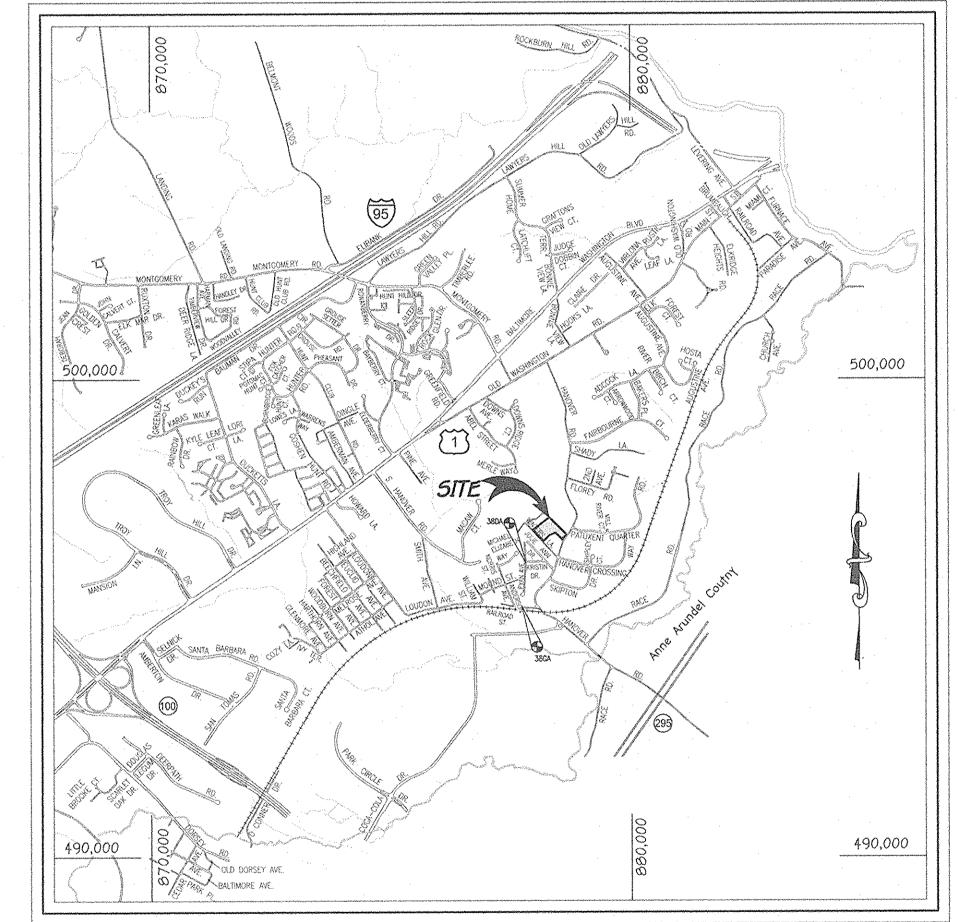
TAX MAP No. 38 GRID No. 15 PARCEL No. 868

	ROADWAY INFORM	IATION CHART	
ROAD NAME	CLASSIFICATION	DESIGN SPEED	EASEMENT WIDTH
N/A	U.I.C. DRIVEWAY	15 M.P.H.	24'
eratina sponogramajonikou opanijo po governitirio por opresite is kryfeli sikri no, mer siedzieński deliku w kryfeliwe w del	agona, p. 4. g. a.g. further an refer 1 ne d'échte ann (feur refer fount aire e train aire le traite une e mod might fathair (fell trait) fillen a thair deadhann an aire an deadh	announced in the constitution of the state o	

	MINIMUM LOT	5 SIZE CHA	RT
LOT No.	GROSS AREA	PIPESTEM AREA	MINIMUM LOT SIZE
2	9790 5Q.FT.4	352 SQ.FT.+	9438 SQ.FT.±
3	9490 SQ.FT.±	634 SQ.FT.*	8856 SQ.FT.*
4	17101 SQ.FT.±	2156 SQ:FT.±	14945 SQ.FT.±
	20826 SQ.FT.#	1003 SQ.FT.*	19823 5Q.FT.±
6	9118 SQ.FT.*	997 SQ.FT.*	8121 5Q.FT.±
And the second s	Q842 SOFT +	583 SOFT +	9259 50 FT ±



TENTATIVELY APPROVED DEPARTMENT OF PLANNING AND ZONING



SCALE: 1" = 2000"

ADC MAP No. 17, H9

FIRST BUECTION DISTRICT HOWARD COUNTY, MARYLAND

- 1 AS A CONSEQUENCE OF THIS PLAN'S SUBMISSION AFTER MAY 22, 2003. THIS SUBDIVISION PLAN WILL BE SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS.
- COMPREHENSIVE ZONING PLAN AND "COMPLITE" AMENDMENTS EFFECTIVE ON 07-28-06.
- 3. a. GROSS AREA OF TRACT = 3.697 AC.*
- b. AREA OF FLOODPLAIN = 0.00 AC. C. AREA OF 25% OR GREATER SLOPES = 0.418 AC.*
- d. AREA OF WETLANDS = 0.00 AC.+ e, NET AREA OF TRACT = 3,279 AC.
- 4. a. AREA OF PROPOSED ROAD R/W = 0.00 AC.+
- 5. a. AREA OF PROPOSED BUILDABLE LOTS = 2.205 AC. * b. AREA OF PROPOSED OPEN SPACE LOTS = 1492 AC.
- 6. NUMBER OF LOTS PROPOSED:
- a. BUILDABLE = 8
- b. OPEN SPACE LOTS = 1 7. OPEN SPACE TABULATION:
- a. GROSS AREA OF TRACT = 3.697 AC.* REQUIRED OPEN SPACE = (8.400 SO.FT. OPTION) = 30% x GROSS = 1.109 AC.*
- PROVIDED OPEN SPACE = 1.492 AC.* b. RECREATIONAL OPEN SPACE REQUIRED . N/A (LESS THAN 10 UNITS)
- B. PRIOR CASE NUMBERS WITH THIS PROJECT ARE F-75-01B, NORRIS POOL SUBDIVISION.
- 9. PUBLIC WATER AND SEWER SHALL BE UTILIZED WITHIN THIS DEVELOPMENT EXISTING UTILITIES ARE BASED ON CONT. Nos. 44-1937 & 10-3041.
- 10. SOILS INFORMATION TAKEN FROM SOIL MAP No. 34, SOIL SURVEY, HOWARD COUNTY, MARYLAND, JULY, 1968 ISSUE.
- 11. THE EXISTING DWELLING (CIRCA 1969) LOCATED ON PROPOSED LOT 5 IS TO REMAIN.
- 12. BOUNDARY OUTLINE BASED ON FIELD RUN SURVEY PREPARED BY FISHER, COLLINS & CARTER, INC. DATED NOVEMBER, 2005.
- FISHER, COLLINS & CARTER, INC. DATED MARCH, 2006.
- 14. THERE ARE AREAS OF STEEP SLOPES LOCATED ON THIS PROPERTY AS DEFINED BY THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS, SECTION 16.116.b.
- 15. STORMWATER MANAGEMENT WILL BE PROVIDED IN ACCORDANCE WITH HOWARD COUNTY AND MARYLAND 378 SPECIFICATIONS, RECHARGE VOLUME WILL BE PROVIDED THROUGH THE USE OF A SURFACE SAND FILTER. WATER QUALITY WILL BE PROVIDED VIA A SURFACE SAND FILTER AND THREE (3) BIO-RETENTION FACILITIES. CHANNEL PROTECTION IS NOT REQUIRED SINCE THE ONE YEAR PEAK DISCHARGE IS LESS THAN 2 c.f.s. THESE FACILITIES ARE PRIVATELY OWNED
- AND MAINTAINED BY THE H.O.A. 16. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
- 17. THERE IS NO FLOODPLAIN AND NO WETLANDS ON-SITE FOR THIS PROJECT.
- 18. THE TRAFFIC STUDY FOR THIS PROJECT WAS PREPARED BY THE MARS GROUP DATED APRIL, 2007.
- 19. THE FOREST CONSERVATION REQUIREMENTS PER SECTION 16.1200 OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION MANUAL FOR THIS SUBDIVISION WILL BE FULFILLED BY 0.70 AC. OF ON-SITE RETENTION AND 0.34 ACRES OF ON-SITE REFORESTATION. THIS CONSERVATION PLAN IS SUBJECT TO CHANGE BASED ON HOWARD COUNTY POLICY REGARDING FOREST CONSERVATION ADJACENT TO UTILITY LINES.
- 20. THE GEOTECHNICAL REPORT FOR THIS PROJECT WAS PREPARED BY GEO-TECHNOLOGY A550C., INC. DATED MARCH. 2007.
- 21. THE FOREST STAND DELINEATION AND WETLAND DELINEATION FOR THIS PROJECT WAS PREPARED BY ESA, INC. DATED JULY, 2007.
- 23. FOR FLAG OR PIPESTEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE ARE PROVIDED TO THE JUNCTION OF THE FLAG OR PIPESTEM AND THE ROAD RIW LINE AND NOT THE PIPESTEM LOT DRIVEWAY.
- 25. THE PROJECT IS IN CONFORMANCE WITH THE LATEST HOWARD COUNTY STANDARDS UNLESS WAIVERS HAVE BEEN APPROVED.
- 26. SIGN POSTS: ALL SIGN POST USED FOR TRAFFIC CONTROL SIGNS INSTALLED IN THE COUNTY RIGHT-OF-WAY SHALL SE MOUNTED ON
- A 2" GALVANIZED STEEL PERFORATED, SQUARE TUBE POST (14 GAUGE) INSERTED INTO A 2-1/2" GALVANIZED STEEL, PERFORATED,
- SQUARE TUBE SLEEVE (12 GAUGE) 3' LONG. A GALVANIZED STEEL POLE CAP SHALL BE MOUNTED ON TOP OF EACH POST." 27. DRIVEWAY (6) SHALL BE PROVIDED PRIOR TO RESIDENTIAL OCCUPANCY TO INSURE SAFE ACCESS FOR FIRE AND EMERGENCY
- VEHICLES PER THE FOLLOWING (MINIMUM) REQUIREMENTS: A) WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE B) SURFACE - SIX (6") INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING
- C) GEOMETRY MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND MINIMUM OF 45 FOOT TURNING RADIUS D) STRUCTURES (CULVERTS/BRIDGES) CAPABLE OF SUPPORTING 25 GROSS TONS (H25 LOADING)
- D DRAINAGE ELEMENTS CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE
- G) MAINTENANCE SUFFICIENT TO INSURE ALL WEATHER USE 28. DRIVEWAYS SHALL BE PROVIDED IN ACCORDANCE WITH HOWARD COUNTY STANDARD DETAIL R-6.06 IN THE VOL. IV DESIGN MANUAL.
- 30. THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC CONTROL WHICH IS BASED UPON THE MARYLAND
- STATE PLANE COORDINATE SYSTEM, HOWARD COUNTY MONUMENT Nos. 38DA AND 38 GA WERE USED FOR THIS PROJECT.
 - HOWARD COUNTY MONUMENT No. 38DA
- HOWARD COUNTY MONUMENT No. 38GA N 555,897.3246 ELEV. = 80.848 E 1,390,132.1179
- 31. THE OVERHEAD ELECTRIC LINES LOCATED ON OPEN SPACE LOT 9 WILL BE RELOCATED TO AN AREA OUTSIDE. THE PROPOSED FOREST CONSERVATION EASEMENT.
- 32. DOCUMENTATION OF THE PROPER ABANDONMENT OF SEPTIC SYSTEMS WILL BE SUBMITTED TO THE HOWARD COUNTY HEALTH DEPARTMENT PRIOR TO SUBMISSION OF FINAL PLAN ORIGINALS FOR SIGNATURE APPROVAL.

PRELIMINARY EQUIVALENT SKETCH PLAN

WINTERS LANE INVESTMENTS LLC BUILDABLE LOTS 1 THRU 8 AND OPEN SPACE LOT 9

(A RESUBDIVISION OF LOT 2, NORRIS E. POOL SUBDIVISION, PLAT No. 3342) ZONED: R-12

TAX MAP No. 38 PARCEL No. 868 GRID No. 15 FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: AS SHOWN DATE: APRIL 03, 2008

SHEET 1 OF 8

SP 08-003

OWNER/DEVELOPER

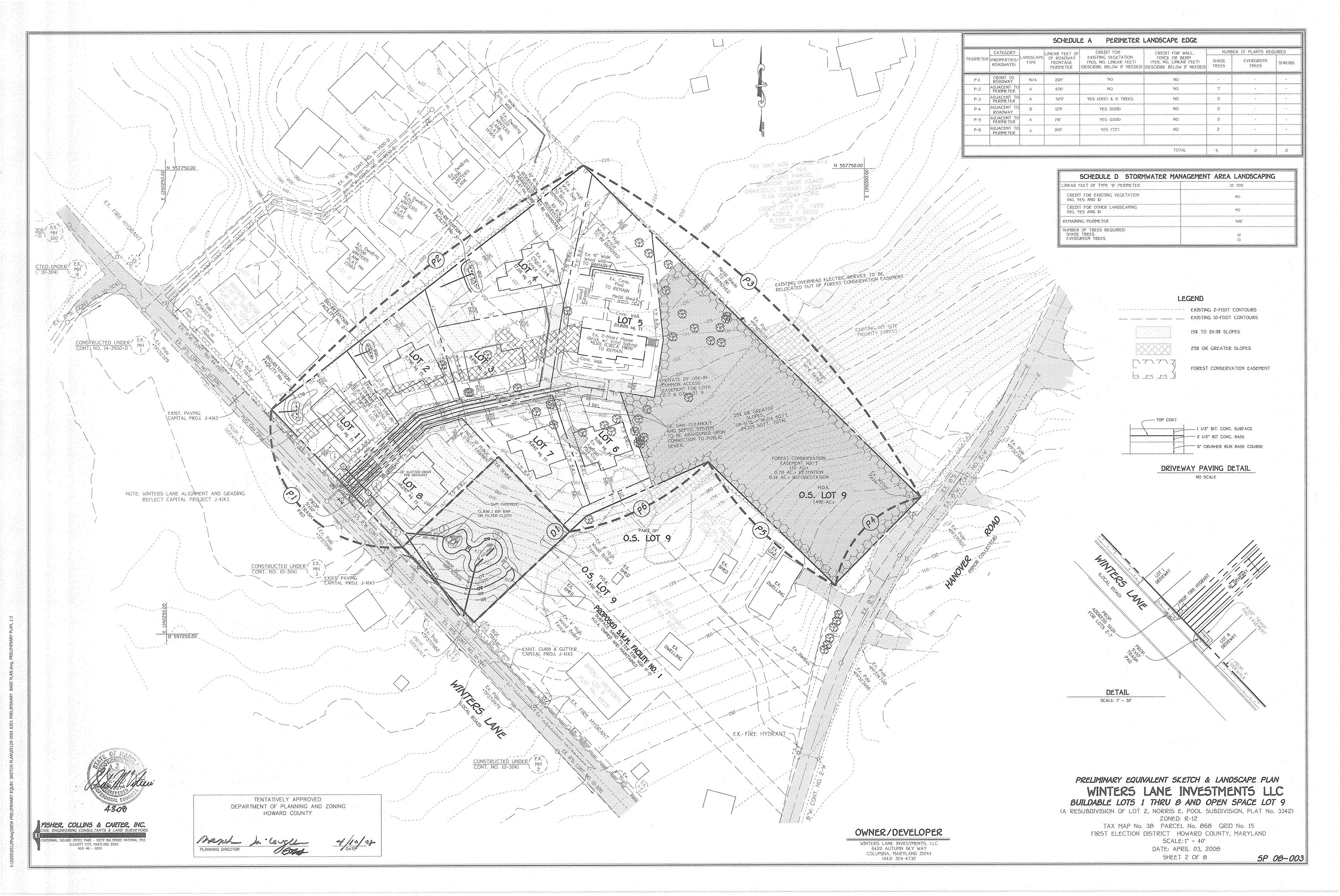
6420 AUTUMN SKY WAY COLUMBIA, MARYLAND 21044

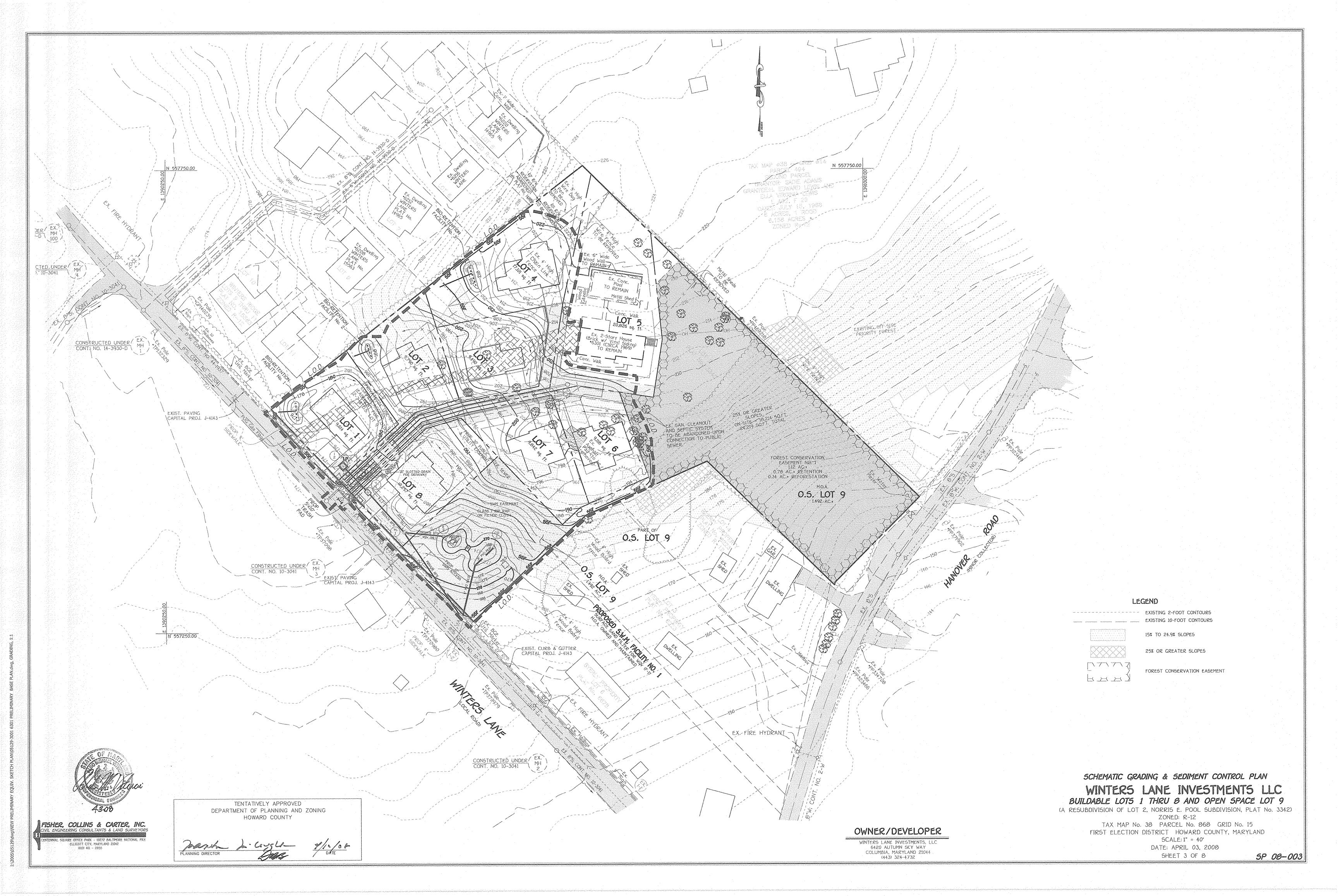
FISHER, COLLINS & CARTER, INC.

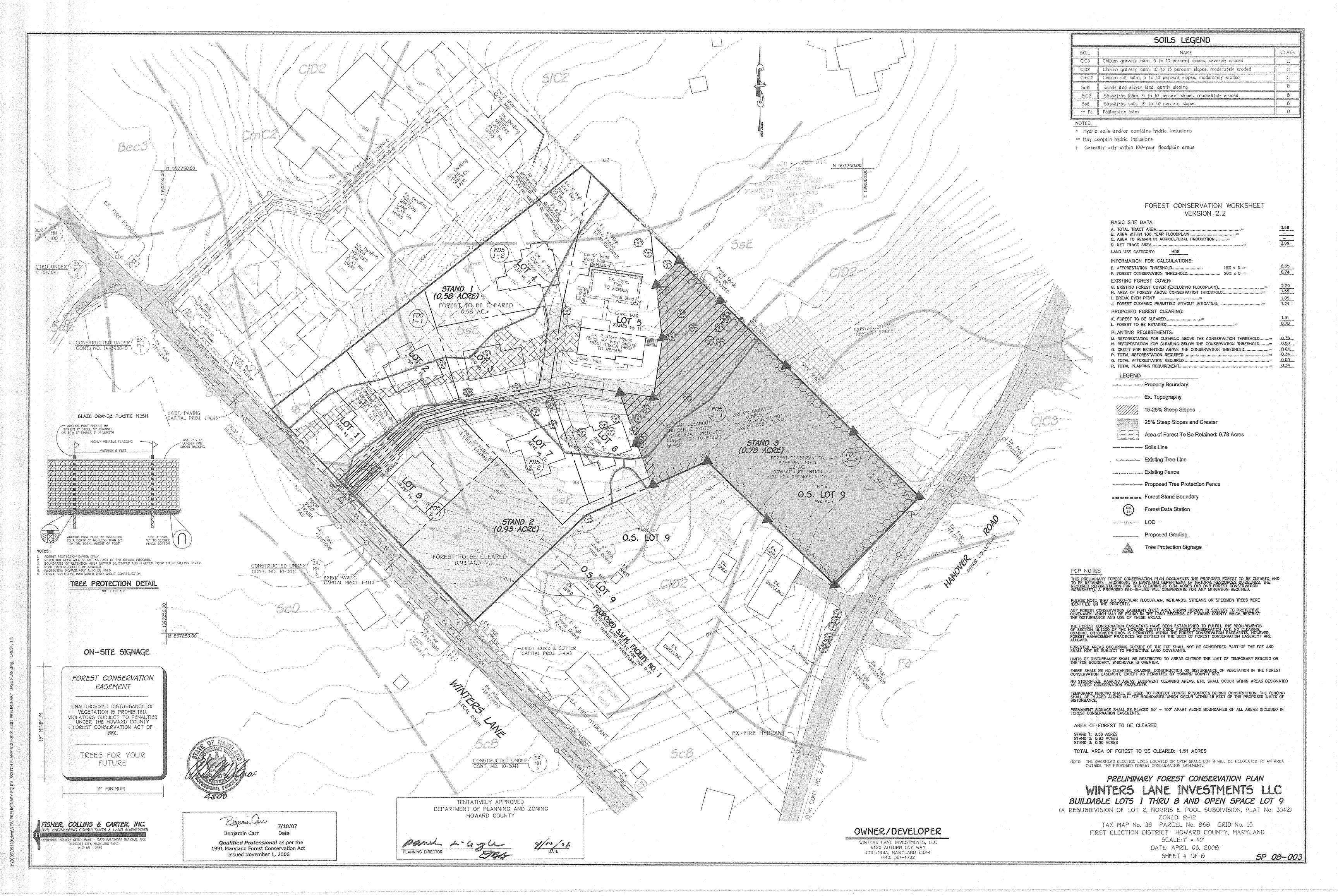
IL ENGINEERING CONSULTANTS & LAND SURVEYOR

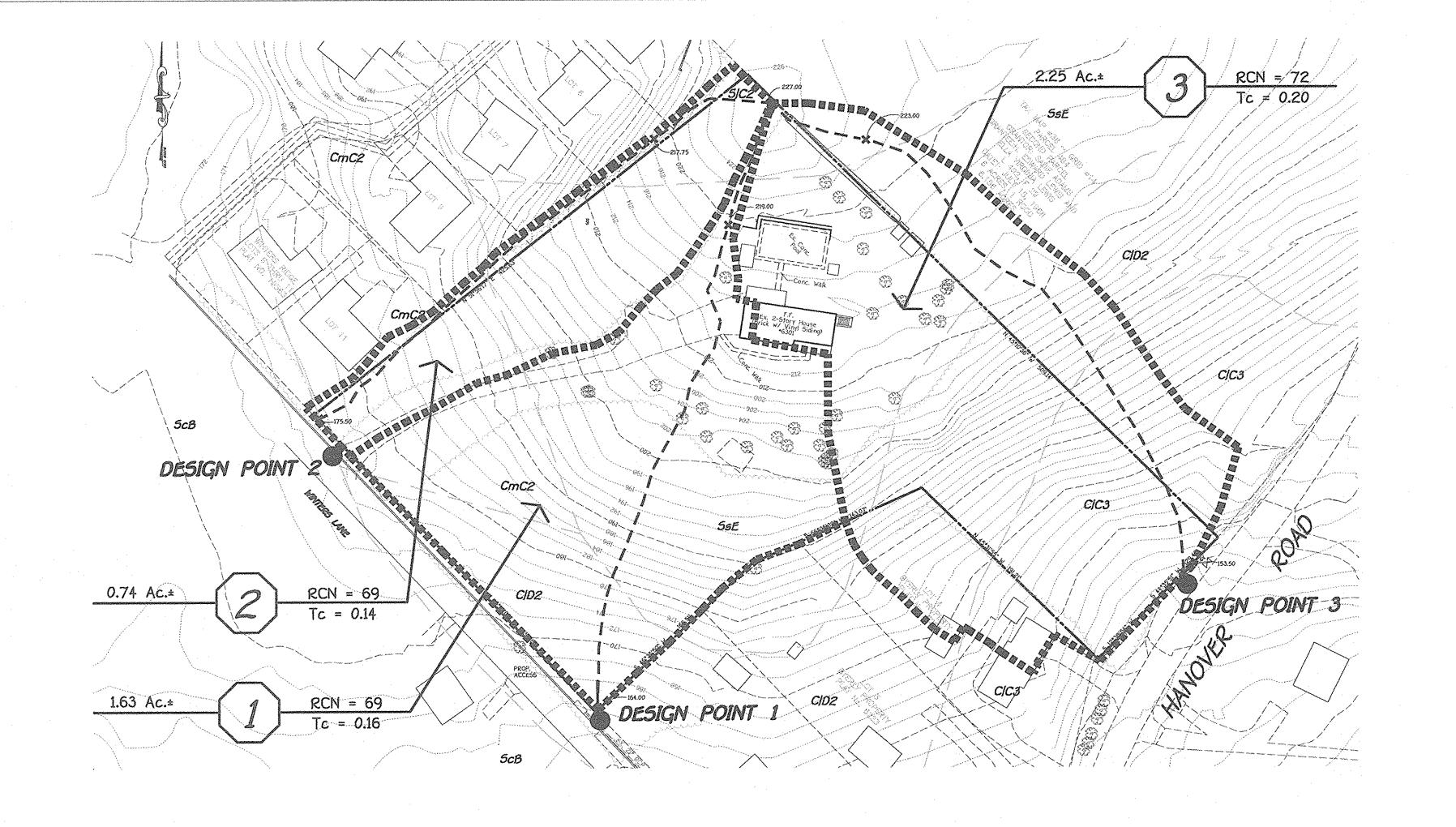
ELLICOTT CITY, MARYLAND 21042

(410) 461 - 2855











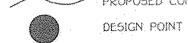
EXISTING 2' CONTOURS

EXISTING 10' CONTOURS

GLB2 SOIL LINES AND TYPES

192.0 TIME OF CONCENTRATION PATH

PROPOSED CONTOUR



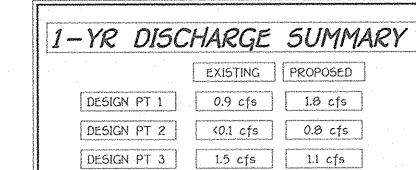
	50IL5 LEGEND		
50IL	NAME.	CLA55	
CIC3	Chillum gravelly loam, 5 to 10 percent slopes, severely eroded	C	
CID2	Chillum gravelly loam. 10 to 15 percent slopes, moderately eroded	T C	
CmC2	Chillum silt loam, 5 to 10 percent slopes, moderately eroded		
5იგ	Sandy and slavey land, gently sloping	8	
SIC2	Sassafras loam, 5 to 10 percent slopes, moderately eroded][8	
SsE }	Sassafras soils, 15 to 40 percent slopes	8	
** F2	Fallingston loam	0	

NOTES:

- * Hydric soils and/or contains hydric inclusions
- ** May contain hydric inclusions
- t Generally only within 100-year floodplain areas

	Rey VOLUME	Rev AREA	WQV	Cpv qi
DESIGN PT 1	[0.011 ac/ft]	0.129 ac	[0.051 ac/ft]	1.943 cfs
DESIGN PT 2	0.005 ac/ft	0.053 ac	0.021 ac/ft	0.817 cfs
DESIGN PT 3	0.004 ac/ft	0.032 ac	0.023 ac/ft	1.058 cfs

Cpv is Exempt because the qi is less than 2 cfs for each drainage



TENTATIVELY APPROVED
DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY

PLANNING DIRECTOR

DATE

STORMWATER MANAGEMENT EXISTING AND PROPOSED DRAINAGE AREA MAPS

WINTERS LANE INVESTMENTS LLC BUILDABLE LOTS 1 THRU 8 AND OPEN SPACE LOT 9

BUILDABLE LOTS 1 THRU 8 AND OPEN SPACE LOT 9

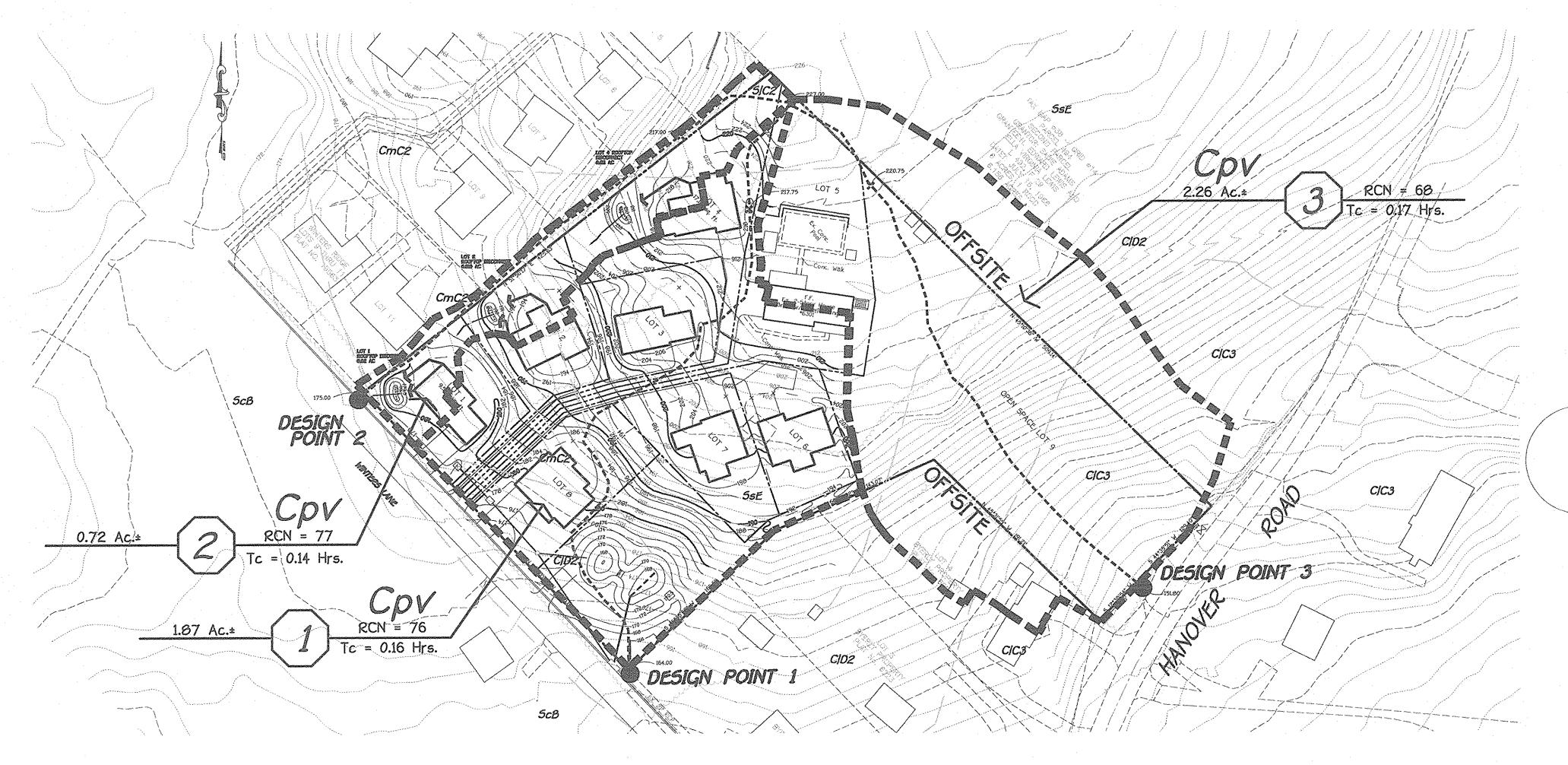
(A RESUBDIVISION OF LOT 2, NORRIS E. POOL SUBDIVISION, PLAT No. 3342)

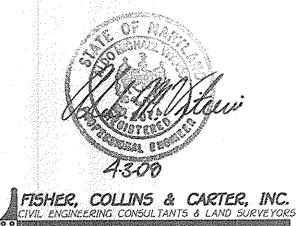
ZONED: R-12

TAX MAP No. 38 PARCEL No. 868 GRID No. 15

FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND SCALE: A5 SHOWN
DATE: APRIL 03, 2008

SHEET 5 OF 8 SP 08-003





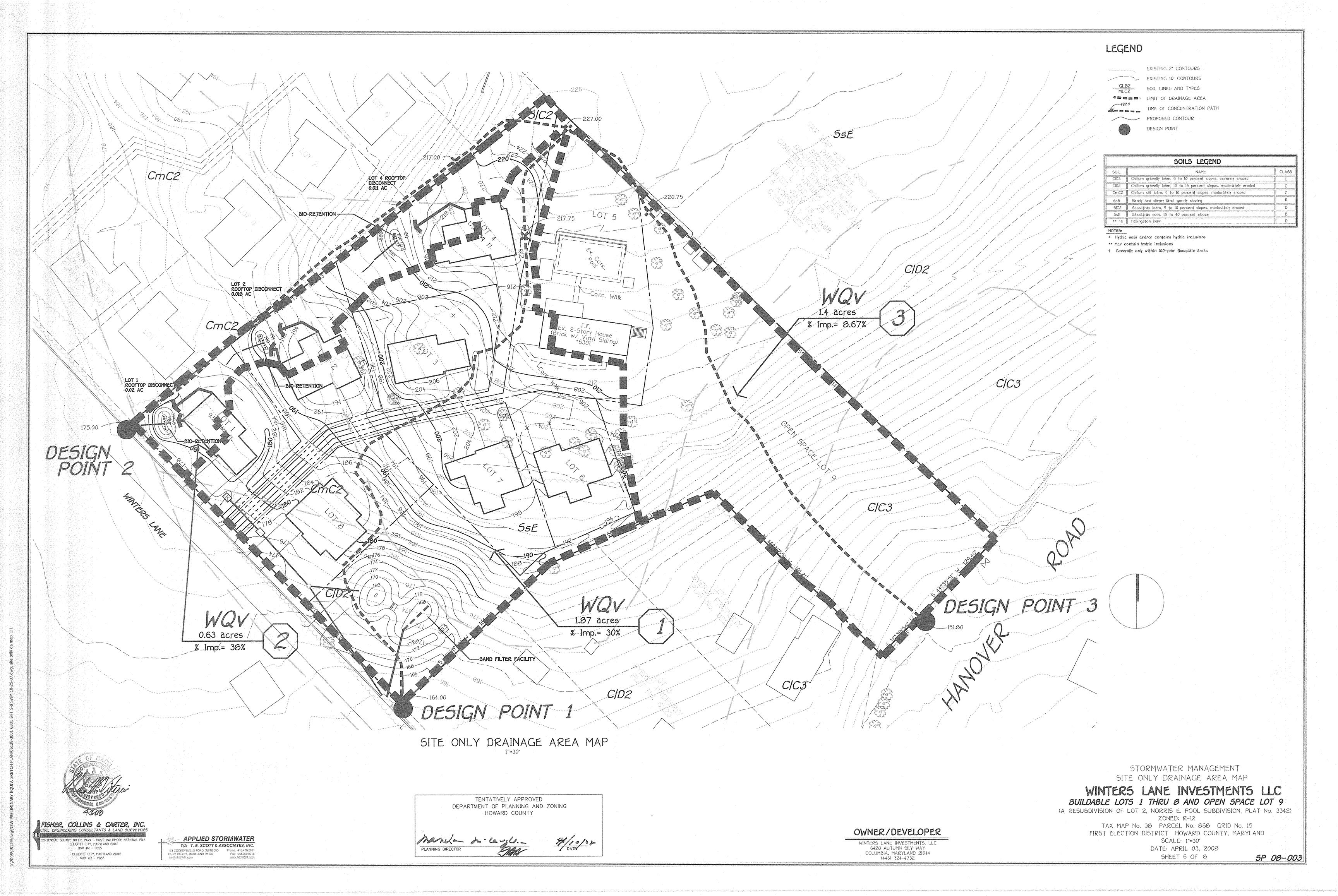
RUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MARYLAND 21042 (410) 461 - 2855 APPLIED STORMWATER

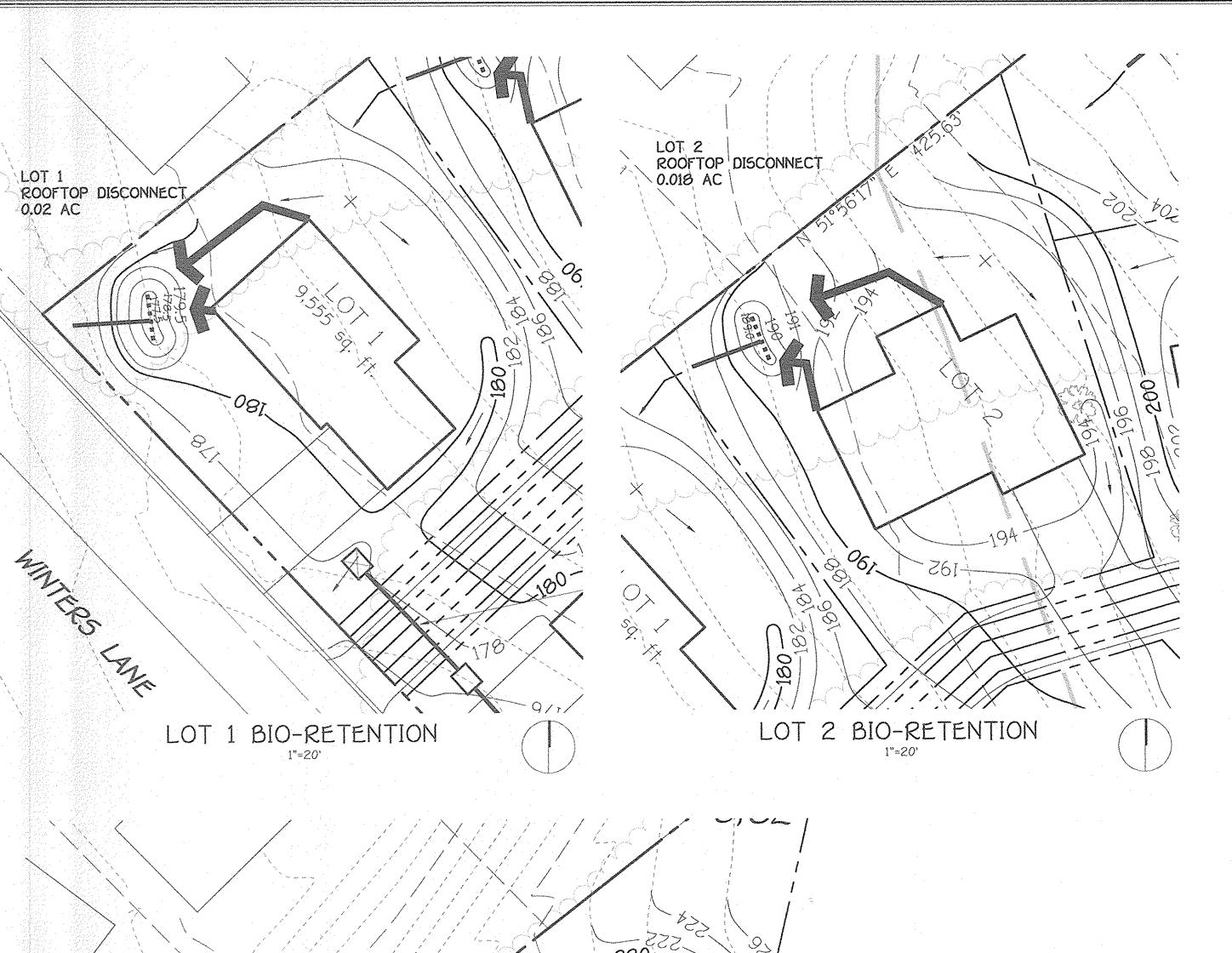
TIA T. E. SCOTT & ASSOCIATES, INC.

128 COGNEYSVILLE ROAD, SUITE 300 Phono: 410.458.2516
HUNT VALLEY, MARYLAND 21030 Fax: 443.289.0216
ISSSMISSIM COM.

OWNER/DEVELOPER

WINTERS LANE INVESTMENTS, LLC 6420 AUTUMN SKY WAY COLUMBIA, MARYLAND 21044 (443) 324-4732





BIO-RETENTION DATA

LOT *1 LOT *2 LOT *3 175.00 186.50 206.50 INVERT ELEV 177.50 189.00 209.00 FILTER BED ELEV 178.50 190.00 210.00 TOP ELEV 3.5' 3.5' 3.5' FILTER BED WIDTH (@ Max) FILTER BED LENGTH (@ Max) 13.5' 13.5' 13.5'

LEGEND

EXISTING 2' CONTOURS - EXISTING 10' CONTOURS PROPOSED CONTOUR ROOF LEADER 10.31 ROOFTOP DISCONN, FLOW PATH

BIO-RETENTION SPECIFICATIONS

SOIL TEXTURE AND STRUCTURE

Soil shall have a sandy loam, loamy sand, or loam texture per USDA 50-60% sand; 20-30% leaf compost; and 20-30% topsoil. The soil shall be a in reducing infiltration rates and storage volumes and is not acceptable. than two inches. No other materials or substances should be mixed or dumped within the bioretention soil that may be harmful to plant growth. tilling operation such as a Chisel Plow, Ripper, or Subsoiler. These tilling or prove a hindrance to the planting or maintenance operations. The planting soil must be free of plant or seed material of non-native, invasive species, or noxious weeds.

PH and organic matter. The soil should meet the following criteria (Landscape Contractors Association, 1986).

PH Range: 5.5 - 6.5 Organic Matter: 1.5 - 4.0%

Sieve analysis, PH, and organic matter tests shall be performed for each

SOIL PREPARATION

Soil preparation can be performed onsite or offsite and transported to the facility location when ready for installation. Prior to transport, the soil mix SOIL PRESOAK should be certified as meeting the criteria established for the soil medium In order to speed up the natural compaction process, presoaking the placed and approved by the site inspector.

Soil preparation can be accomplished by thoroughly mixing soil components, amendments and additives, as needed utilizing a backhoe or front-end

SOIL PLACEMENT

Placement of the planting soil in the bioretention area should be after scarifying the invert area of the proposed facility and installing the underdrain and/or recharge area (if applicable), in lifts of 12 to 18 inches and lightly compacted. Minimal compaction effort can be applied to the soil by tamping with a bucket from a dozer or backhoe. Lifts are not to be compacted but are performed in order to reduce the possibility of excessive settlement. Installation of soils must be done in a manner that aged or fresh to maximize nitrogen and metal uptake by the facility. Mulch will ensure adequate filtration.

Avoid over compaction by allowing time for natural compaction and settlement. No additional manual compaction of soil is necessary. Rake soil material as needed to level out. Overfill above the proposed surface invert to accommodate natural settlement to proper grade. Depending upon the soil material, up to 20% natural compaction may occur. For facilities designed with a liner, no scarification of the invert area is required.

It is very important to minimize compaction of both the base of the bioretention area and the required backfill. When possible, use excavation hoes to remove original soil. If bioretention areas are excavated using a GEOTEXTILE light equipment with turf-type tires.

SOIL COMPACTION (cont)

Use of equipment with narrow tracks or narrow tires, rubber tires with textural triangle. Maximum clay content shall be <5%. Soil mixture shall be large lugs, or high pressure tires will cause excessive compaction resulting uniform mix, free of stones, stumps, roots, or other similar objects larger Compaction will significantly contribute to design failure. Compaction can be alleviated at the base of the bioretention facility by using a primary operations are to refracture the soil profile through the 12 inch compaction zone. Substitute methods must be approved by the engineer. Rototillers typically do not till deep enough to reduce the effects of compaction from heavy equipment.

Planting soil for bioretention areas must be tested prior to installation for Rototill 2 to 3 inches of sand into the base of the bioretention facility before back filling the facility and placement of underdrain. Pump any ponded water before preparing (rototilling) base.

> When back filling the bioretention facility, do not use heavy equipment within the bioretention basin. Heavy equipment can be used around the perimeter of the basin to supply soils and sand. Grade bioretention materials with light equipment such as a compact loader or a dozer/loader with marsh tracks.

soil may be performed. Significant settlement can occur after the first presoak, and additional settlement may occur subsequent to the initial wetting. If time and construction scheduling permits, it is preferable to allow natural settlement to occur with the help of rain events to presoak the soil medium.

Areas should be mulched once trees and shrubs have been planted. Any ground cover specified as plugs may be installed once mulch has been

The mulch layer shall consist of either a standard landscape fine shredded hardwood mulch (preferred) or hardwood chips. The mulch may be either shall be free of weed seeds, soil, roots, or any other substance not consisting of either bole or branch wood and bark. The mulch should be uniformly applied approximately 2 to 3 inches in depth. Mulch applied any deeper than three inches reduces proper oxygen and carbon dioxide cycling between the soil and the atmosphere, and keeps plant roots from making good contact with the soil.

Sand shall be clean and free of deleterious materials, meeting AASHTO M-6 or ASTM C-33 with grain size of 0.02"- 0.04". MDSHA C-33 sand is

loader, the contractor should use wide track or marsh track equipment, or Geotextile fabric should meet ASTM D-751 (puncture strength - 125 LB), ASTM D-1117 (Mullen burst strength - 400 PSI), and ASTM D-1682 (Tensile strength - 300 LB). Fabric should have 0.08" thick E.O.S. of *80 sieve, and maintain 125 GPM per SQ. FT. flow rate.

Structure Backfill

Backfill adjacent to pipes or structures shall be of the type and quality conforming to that specified for the adjoining fill material. The fill shall be placed in horizontal layers not to exceed four inches in thickness and compacted by hand tampers or other manually directed compaction equipment. The material needs to fill completely all spaces under and adjacent to the pipe. At no time during the backfilling operation shall driven equipment be allowed to operate closer than four feet, measured horizontally, to any part of a structure. Under no circumstances shall equipment be driven over any part of a concrete structure or pipe, unless there is a compacted fill of 24" or greater over the structure or pipe.

Structure backfill may be flowable fill meeting the requirements of Maryland Department of Transportation, State Highway Administration Standard Specifications for Construction and Materials. Section 313 as modified. The mixture shall have a 100-200 psi; 28 day unconfined compressive strength. The flowable fill shall have a minimum pH of 4.0 and a minimum resistivity of 2,000 ohm-cm. Material shall be placed such that a minimum of 6" (measured perpendicular to the outside of the pipe) of flowable fill shall be under (bedding), over and, on the sides of the pipe. It only needs to extend up to the spring line for rigid conduits. Average slump of the fill shall be 7" to assure flowability of the material. Adequate measures shall be taken (sand bags, etc.) to prevent floating the pipe. When using flowable fill, all metal pipe shall be bituminous coated. Any adjoining soil fill shall be placed in horizontal layers not to exceed four inches in thickness and compacted by hand tampers or other manually directed compaction equipment. The material shall completely fill all voids adjacent to the flowable fill zone. At no time during the backfilling operation shall driven equipment be allowed to operate closer than four feet, measured horizontally, to any part of a structure. Under no circumstances shall equipment be driven over any part of a structure or pipe unless there is a compacted fill of 24" or greater over the structure or pipe. Backfill material outside the structural backfill (flowable fill) zone shall be of the type and quality conforming to the specified for. The core of the embankment or other embankment

Plastic Pipe

The following criteria shall apply for plastic pipe:

1. Materials - PVC pipe shall be PVC-1120 or PVC-1220 conforming to ASTM D-1785 or ASTM D-2241. Corrugated High Density Polyethylene (HDPE) pipe, couplings and fittings shall conform to the following: 4" - 10" inch pipe shall meet the requirement of AASHTO M252 Type 5, and 12" through 24" inch shall meet the requirement of AASHTO M294 Type 5.

2. Joints and connections to anti-seep collars shall be completely watertight.

3. Bedding - The pipe shall be firmly and uniformly bedded throughout its entire length. Where rock or soft, spongy or other unstable soil is encountered, all such material shall be removed and replaced with suitable earth compacted to provide adequate support.

4. Backfilling shall conform to "Structure Backfill".

FILTER BED AREA PER PLAN FILTER BED SURFACE SOIL MEDIA DOUBLE WASHED

NOT TO SCALE

4' MIN PROPOSED GRADE-AS DIRECTED BY THE GEOTECHNICAL ENGINEER TOP ELEV OVERFLOW ELEV MITER TO SLOPE --FILTER BED ELE - EX. GROUND 4" CAP --STABILIZE W/ SEED & MULCH FILTER BED SEE TYPICAL SECTION 4" PVC 4" PVC PERFORATED 50LID Schedule 40 Schedule 40 © 0.00% Ø 0.00%

> TYPICAL BIO-RETENTION PROFILE NOT TO SCALE

STORMWATER MANAGEMENT BIO-RETENTION PLANS AND DETAILS

WINTERS LANE INVESTMENTS LLC BUILDABLE LOTS 1 THRU 8 AND OPEN SPACE LOT 9

(A RESUBDIVISION OF LOT 2, NORRIS E. POOL SUBDIVISION, PLAT No. 3342) ZONED: R-12 TAX MAP No. 38 PARCEL No. 868 GRID No. 15

> SCALE: AS SHOWN DATE: APRIL 03, 2008

FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SHEET 7 OF 8

LOT 4 ROOFTOP/

DISCONNECT

0.011 AC

IFISHER, COLLINS & CARTER, INC. ARE OFFICE PARK - 10272 BALTIMORE NATIONAL PI

(410) 461 - 2855

APPLIED STORMWATER T/A T. E. SCOTT & ASSOCIATES, INC. 128 COCKEYSVILLE ROAD, SUITE 300 Phone: 410 458 2661 HUNT VALLEY, MARYLAND 21030 Fax: 443 269.0216

TENTATIVELY APPROVED DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY

WINTERS LANE INVESTMENTS, LLC 6420 AUTUMN SKY WAY COLUMBIA, MARYLAND 21044 (443) 324-4732

MDSHA No 57 STONE 3 BIO-RETENTION

TYPICAL BIO-RETENTION SECTION

OWNER/DEVELOPER

5P 08-003

