#### GENERAL NOTES

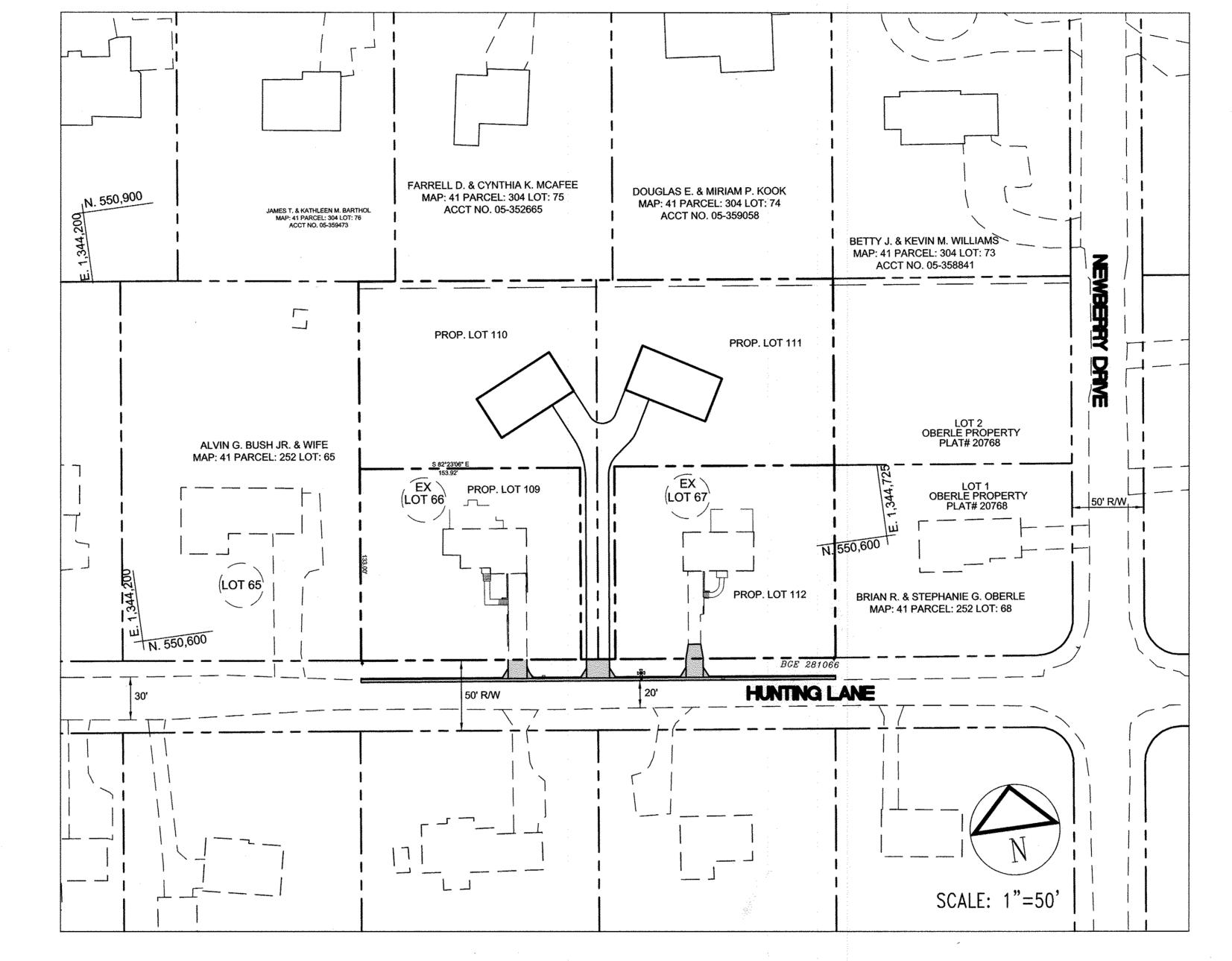
- 1. All construction shall be in accordance with the latest standards and specifications of Howard County plus MSHA standards and specifications if applicable.
- 2. The contractor shall notify the Department of Public Works/Bureau of Engineering/Construction inspection Division at (410) 313-1880 at least five (5) working days prior to the start of work.
- 3. The contractor shall notify "Miss Utility" at 1-800-257-7777 at least 48 hours prior to any excavation work being done.
- 4. 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.
- 5. The existing topography is taken from field run survey with maximum two foot contour intervals prepared by Shanaberger & Lane
- 6. 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. 0057 and 41 CA were used for this project.
- 7. Water \$ Sewer is public. Contract No. 34-3957D \$ 34-4350.
- 8. Site is located within the metropolitan district.
- 9. Stormwater Management for this site is provided by rooftop and non-rooftop disconnection pervious concrete paving and rain gardens ECP 11-055. Privately maintained.
- 10. Existing utilities are based on plans of record, field run topography.
- II. There is no floodplain on this site.
- 12. There are no wetlands or streams on this site based on site inspection by Exploration Research, inc. dated 10-11-10.
- 13. The speed study for this project was prepared by the Mildenberg Boender & Associates Inc., dated June 2010.
- 14. This Plan compiles with the requirements of Section 16.1200 of the Howard County Code for Forest Conservation by payment of a
- fee in lieu of \$9,801 (0.3 x .75 x 43560).
- 15. The contractor shall test pit existing utilities at least five (5) days before starting work shown on these drawings to verify their location and elevation. The contractor shall notify the engineer immediately if location of utilities is other than shown.
- 16. Any damage caused by the Contractor to existing public right-of-way, existing paving, existing curb, and gutter, existing utilities, etc. shall be repaired at the Contractor's expense.
- 17. All hydraulic data is for the 10-year storm unless otherwise noted.
- 18. All fill areas shall be compacted to a minimum of 95% of the maximum dry density as determined and verified in accordance with
- 19. All plan dimensions are to face-of-curb unless otherwise noted. Numerically written dimensions take precedence offer scale
- 20. There are no known cemeteries, burial grounds or historic sites and structures on this site.
- 21. No grading, removal of vegetative cover of trees, paving and new structures shall be permitted within the required wetlands, streams, or their buffers, forest conservation easement areas and 100 year floodplain.
- 22. Existing structures on lots 109 \$ 112 shall remain. (Existing Lots 66 \$ 67.)
- 23. Financial Surety for the required perimeter laudscaping in the amount of \$2,400 is part of the developers agreement.
- 24. All sign posts used for traffic control signs installed in the County right-of-way shall be 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.
- 25. The landscape plan has been prepared in accordance with Section 16.124 of the Howard County Code and the Howard County Landscape Manual. Landscaping for lots 109 and 112 is provided in accordance with a certified landscape plan as part of the construction drawings in accordance with section 16.124 of the Howard County Code and the landscape manual. Landscape surety in the amount of \$2400.00 (6 shade trees & 4 evergreen trees) will be posted with the developer agreement.
- 26. Signage at the street identifying the address is required.
- 27. Trash and recycling collection will be at Hunting Lane within 5 FT of the County roadway.
- 28. An open space requirements for lots 110 \$ 111 have been satisfied via the payment of a fee-in-lieu in the amount of \$3,000 paid to account #4030090008-1300-422000.
- 29. See previous DPZ Files ECP II-055, MP II-162.
- 30. Waivers are being requested for the following sections of the Subdivisions and Land Development Regulations WP-II-162. Approved subject to conditions 5/19/11.
- Section 16.132 requiring construction of roads fronting the proposed subdivision to current standards. Developer shall construct a 12' half section with bituminous curb.
- Section 16.134 requiring construction of sidewalks along road frontage. Approved subject to payment of fee-in-lieu.

  Section 16.135 requiring construction of street lighting in accordance with the design manual. Approved.

  Section 16.1205.a.(7) requiring retention of trees 30° or greater. Approved to remove 5 trees and replace with 5 shade trees.
- Section 16.1205.a.(10) requiring retention of specimen trees. Approved to remove 5 trees.
- 31. Existing fire hydrant and water and sewer connections shall be done as an Advanced Deposit Order. 32. The property is zoned R-20 per the 2/2/2004 comprehensive zoning plan and the Comp Lite Zoning Amendments dated 7/28/2006.
- 33. Driveway(s) shall be provided prior to residential occupancy
- to ensure safe access for fire and emergency vehicles per the following 1.) width - 12 feet (16 feet if serving more than I residence)
- 2) surface six (6) inches of compacted "crusher run" base with tar and chip coating
- 3.) geometry max. 15% grade, max 10% grade change and minimum
- 4.) structures (culverts/bridges) capable of supporting 25 gross tons (h25 loading):
- 5) drainage elements capable of safely passing 100-year flood
- with no more than 1-foot depth over driveway surface. 6) maintenance - sufficient to ensure all weather use.
- 34. For flag or pipestem lots, refuse collection, snow removal, and road maintenance are provided to the junction of the flag or pipestem and road right-of-way line and not onto the pipestem lot driveway.
- 35. Pre Submission Community Meeting was held 2/16/11.
- 36. There are no steep slopes on site.

APPROVED: DEPARTMENT OF PUBLIC WORKS

37. A fee-in-lieu for road frontage improvements for Hunting Lane in the amount of \$6,800 has been paid to account number WBS K0015.0.3100.

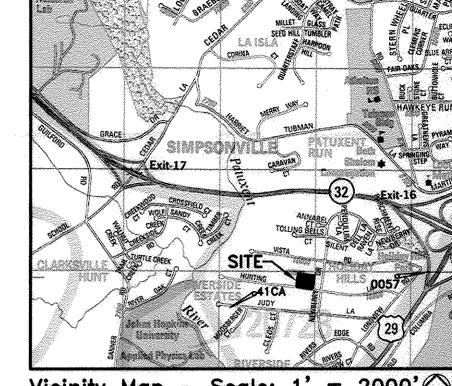


# Cover Sheet

# HOLIDAY HILLS SECTION 4

Howard County, Maryland

LOTS 109-112



Vicinity Map - Scale: 1' = 2000'

ADC The Map People - Permitted Use # 20612205

# BENCHMARKS

COORDINATES BASED ON NAD 83 MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATION NOS.

NORTHING: 550835.2057 EASTING: 1347017.6516

**ELEVATION: 398.864** 

0057 & 41CA.

NORTHING: 550124.8331 EASTING: 1342960.8189 **ELEVATION: 295.328** 

# SHEET INDEX

SHEET	DESCRIPTION
1	Cover Sheet
2	Road Plan
3	Sediment & Erosion Control Plan & Details
4	Landscaping Plan & Details
5	Landscaping Plan & Details FSD / FCP Plan

NOTE: THERE IS NO AS-**BUILT INFORMATION** PROVIDED ON THIS SHEET G. SCOTT SHANABERGER SHANABERGER & LANE LICENSE EXPIRATION DATE: 4/2/2018

> CONTACT Jeffrey L. Schwab Tesseract Sites, Inc. 401 Washington Ave, Suite 303

Mr. Dae Lee 10717 Hunting Lane Columbia, MD 21044 ph: 410-292-8007

Towson MD, 21204

ofessional Certification. I hereby certify that these documents were prepared or of the State of Maryland, License No. 14230, Expiration Date: 12/09/12. Holiday Hills Section Lots 109-112 A Resubdivision of Holiday Hills, Section 4, Lot 66 & 67, ECP 11-055

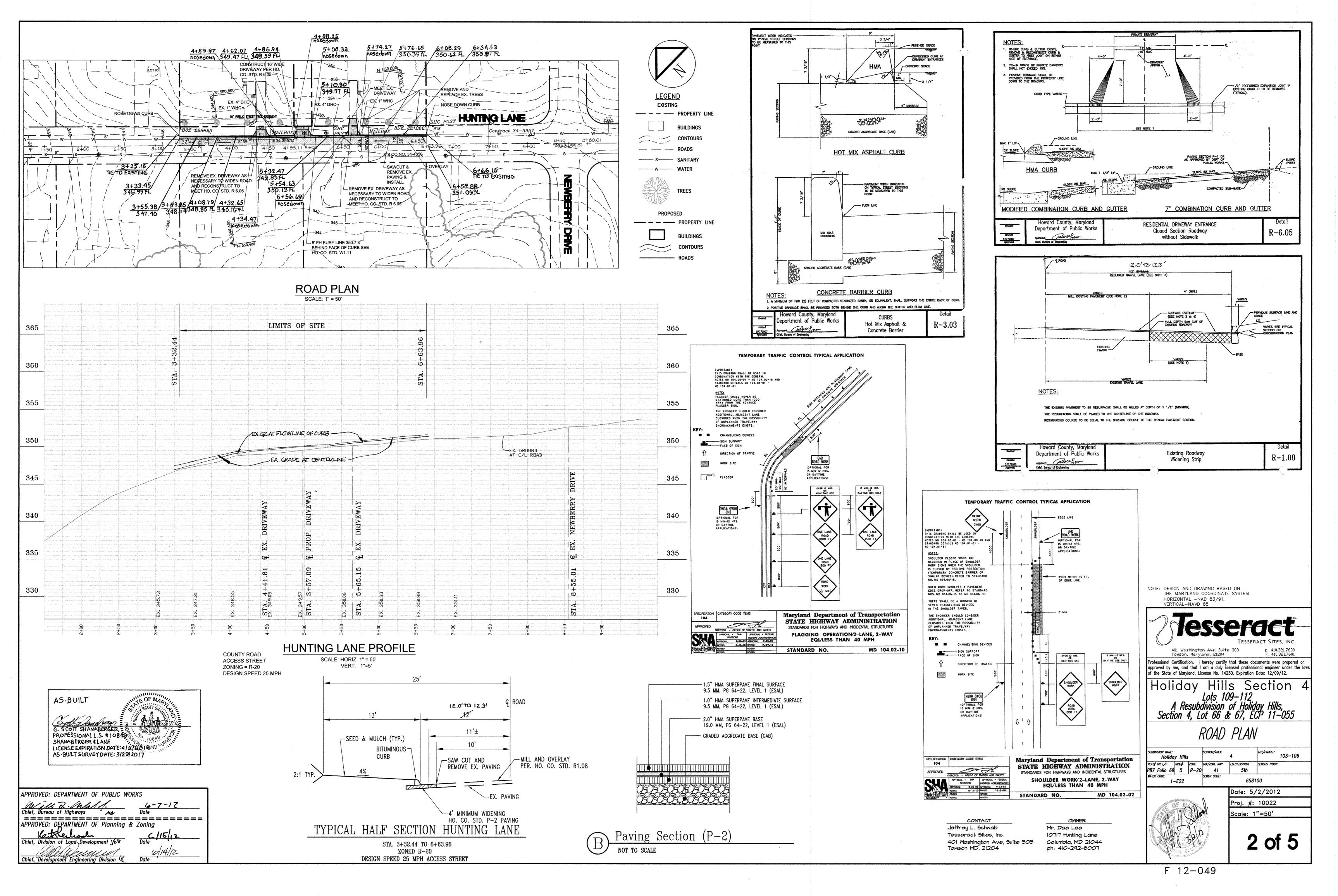
PB7 Folio 69 5 R-20 41 Date: 5/2/2012 Proj. #: 10022

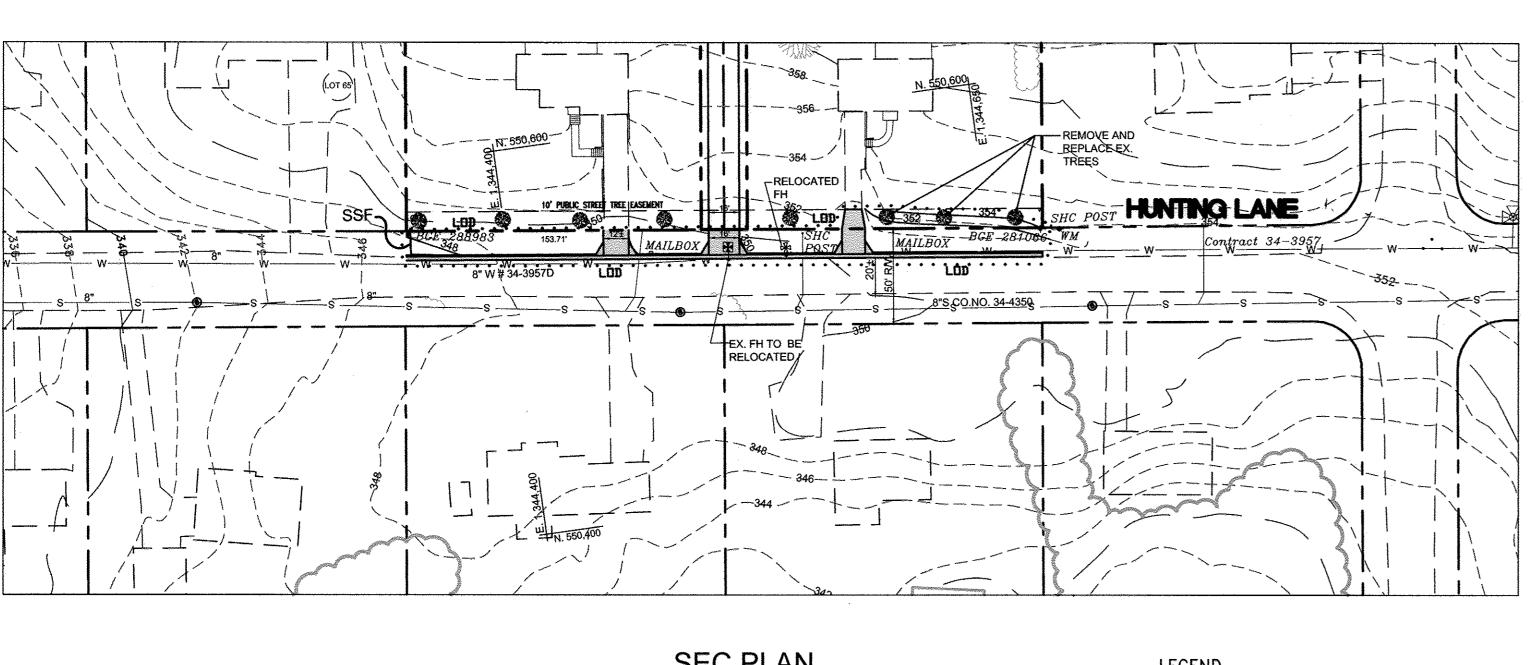
COVER SHEET

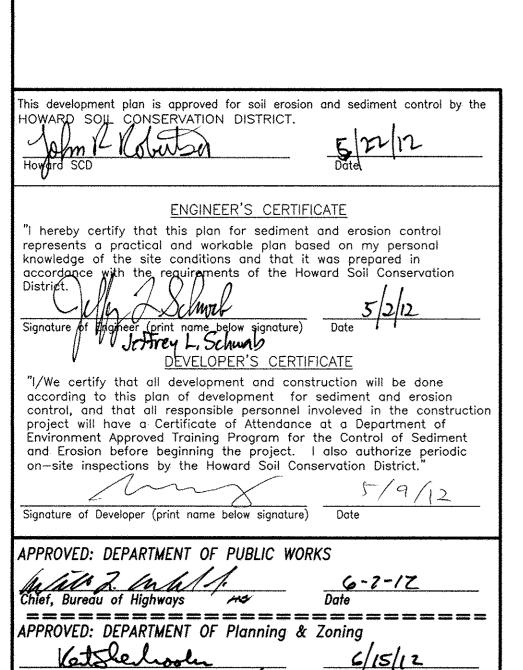


cale: 1"=50' 1 of 5

APPROVED: DEPARTMENT OF Planning & Zoning Chief, Division of Land Development \&\







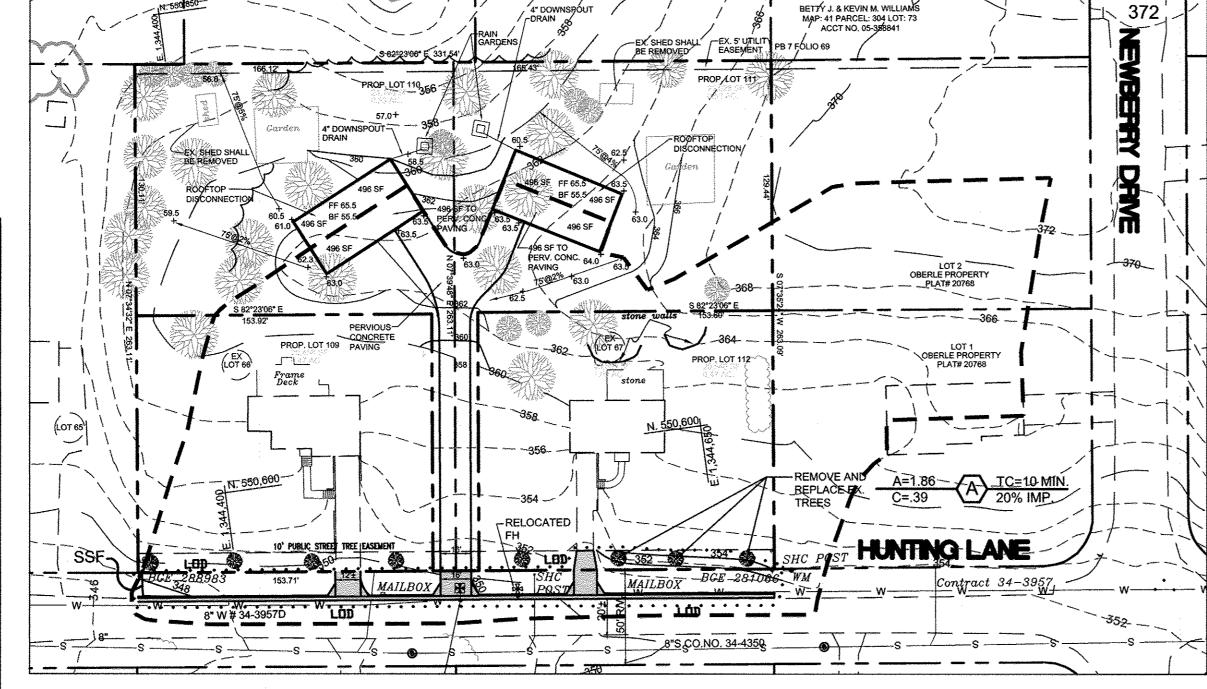
Chief, Division of Land Development **\€**\*

Chief, Development Engineering Division

**SEDIMENT AND EROSION CONTROL NOTE:** 

IF THE HOWARD COUNTY SEDIMENT CONTROL INSPECTOR DEEMS STABILIZED CONSTRUCTION ENTRANCE (SCE) AND/OR

STOCKPILE AREA NECESSARY, THEN CONTRACTOR SHALL PROVIDE THESE IN THE LOCATION SPECIFIED BY THE COUNTY



DRAINAGE AREA MAP

SCALE: 1" = 50'

Q<sub>2</sub>= CIA = .39 (4.5) (1.86) = 3.3 CFS SPREAD 7.6 3% CROSS SLOPE

#### HOWARD SOIL CONSERVATION DISTRICT

#### STANDARD SEDIMENT CONTROL NOTES

- 1. A minimum of 48 hours notice must be given to the Howard County Department of Inspections, Licenses and Permits, Sediment Control Division prior to the start of any construction (313–1855).
- 2. All vegetative and structural practices are to be installed according to the provisions of this plan and are to be in conformance with the most current MARYLAND TANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL
- 3. Following initial soil disturbance or re-disturbance, permanent or temporary stabilization shall be completed within: a) 7 calendar days for all perimeter sediment control structures, dikes, perimeter slopes and all slopes greater than 3:1, b) 14 days as to all other disturbed or graded areas on the project site.
- 4. All sediment traps/basins shown must be fenced and warning signs posted around their perimeter in accordance with Vol 1, Chapter 12 of the HOWARD COUNTY DESIGN MANUAL, Storm Drainage.
- 5. All disturbed areas must be stabilized within the time period specified above in accordance with the 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL for permanent seeding (Sec. 51), sod (Sec. 54), temporary seeding (Sec. 50) and mulching (Sec. 52). Temporary stabilization with mulch alone can only be done when recommended seeding dates do not allow for proper germination and establishment of grasses.
- 6. All sediment control structures are to remain in place and are to be maintained in operative condition until permission for their removal has been obtained from the Howard County Sediment Control Inspector.
- 7. Site Analysis:

  Total Area of Site
  Area Disturbed
  Area to be paved
  Area to be vegetatively stabilized
  Total Cut
  Total Fill
  Offsite waste/borrow area location: None required.
- 8. Any sediment control practice which is disturbed by grading activity for placement of utilities must be repaired on the same day of disturbance.
- 9. Additional sediment control must be provided, if deemed necessary by the Howard County Sediment Control Inspector.
- 10. On all sites with disturbed areas in excess of 2 acres, approval of the inspection agency shall be requested upon completion of installation of perimeter erosion and sediment controls, but before proceeding with any other earth disturbance or grading. Other building or grading inspection approvals may not be authorized until this initial approval by the inspection agency is made.
- 11. Trenches for the construction of utilities is limited to three pipe lengths or that which shall be back-filled and stabilized by the end of each work day, whichever is shorter.

#### PERMANENT SEEDING NOTES

Apply to graded or cleared areas not subject to immediate further disturbance where a permanent long-lived vegetative cover is needed.

<u>Seedbed Preparation:</u> Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

#### Soil Amendments: In lieu of soil test recommendations, use one of the following schedules:

- 1. Preferred -- Apply 2 tons/acre dolomitic limestone (92 lbs/1000 sq. ft.) and 600 lbs/acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.) before seeding. Harrow or disk into upper three inches of soil. At time of seeding, apply 400 lbs/acre 30-0-0 ureaform fertilizer (9 lbs/1000 sq. ft.)
- 2. Acceptable -- Apply 2 tons/acre dolomitic limestone (92 lbs/1000 sq. ft.) and 1000 lbs/acre 10-10-10 fertilizer (23 lbs/1000 sq. ft.) before seeding. Hazzew or disk into upper three inches of soil.

Seeding — For the periods March 1 — April 30, and August 1 — October 15, seed with 60 lbs/acre (1.4 lbs/1000 sq.ft.) of Kentucky 31 Tall Fescue. For the period May 1 — July 31, seed with 60 lbs Kentucky 31 Tall Fescue per acre and 2 lbs/acre (.05 lbs/100() sq. ft.) of weeping lovegrass. During the period of October 16 — February 28, protect site by:

Option 1 — Two tons per acre of well anchored straw mulch and seed as soon as possible in the spring.

Option 2 —Use sod. Option 3 —— Seer: with 60 lbs/acre Kentucky 30 Tall Fescue and mulch with 2 tons/acre well anchored straw.

Mulching — Apply 1-1/2 to 2 tons per acre (70 to 90 lbs/1000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gallons per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slope 8 feet or higher, use 348 gallons per acre (8 gal/1000 sq. ft.) for anchoring.

## <u>Maintenance</u> — Inspect all seeding areas and make needed repairs, replacements and reseedings.

## TEMPORARY SEEDING NOTES.

Apply to graded or cleared areas likely to be re-disturbed where a short-term vegetative cover is needed.

<u>Seedbed preparation:</u> — Loosen upper three inches of soil by raking, disking or other acceptable means before seeding, if not previously loosened.

## Soil Amendments: -- Apply 600 lbs/acre 10-10-10 fertilizer (14 lbs/1000 sq. ft.).

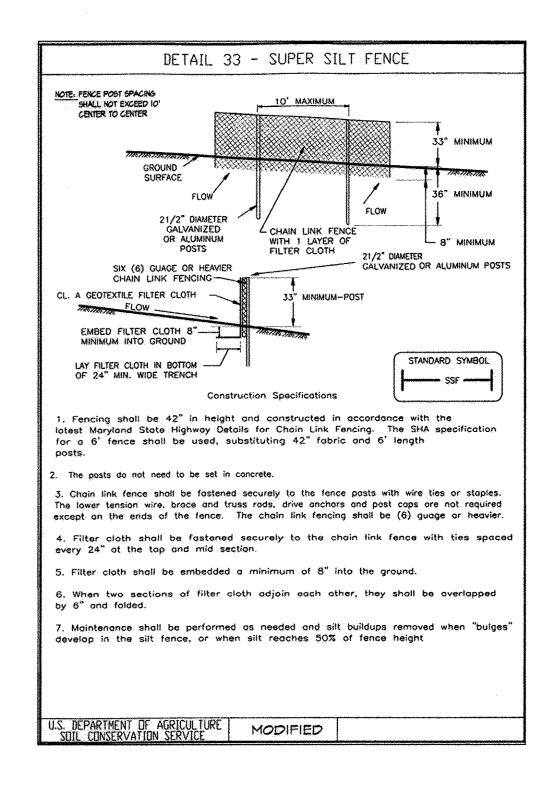
Seeding: — For periods March 1 — April 30 and from August 15 — October 15, seed with 2-1/2 bushel per acre of annual rye (3.2 lbs/1000 sq. ft.). For the period May 1 — August 14, seed with 3 lbs/acre of weeping lovegrass (.07 lbs/1000 sq. ft.). For the period November 16 — February 28, protect site by applying 2 tons/acre of well anchored straw mulch and seed as soon as possible in the spring, or use sod.

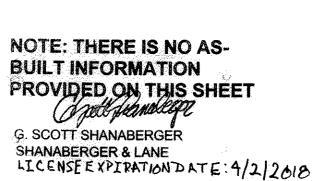
Mulching: — Apply I-1/2 to 2 tons/acre (70 to 90 lbs/1000 sq. ft.) of unrotted weed-free, small grain straw immediately after seeding. Anchor mulch immediately after application using mulch anchoring tool or 218 gal. per acre (5 gal/1000 sq. ft.) of emulsified asphalt on flat areas. On slope 8 ft. or higher, use 348 gal. per acre (8 gal/1000 sq. ft.) for anchoring.

Refer to the 1994 MAR4AND STANDARDS AND SPECIFICATIONS FOR SOL EROSION AND SEDIMENT CONTROL for additional rates and methods not covered.

#### SEQUENCE OF CONSTRUCTION

- 1. OBTAIN GRADING PERMIT.
- 2. 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.
- \*3. CLEAR AND GRUB MINIMUM AREA REQUIRED FOR INSTALLATION OF BITUMINOUS CURB AND ROAD WIDENING AND INSTALL PROPOSED WATER AND SEWER HOUSE CONNECTIONS. INSTALL PAVING AND BITUMINOUS CURB. INSTALL DRIVEWAY AND ADJUST EXISTING DRIVEWAYS. CONTRACTOR SHALL ONLY DISTURB THAT AREA WHICH CAN BE STABILIZED THE SAMEDAY AND RELOCATE FIRE HYDRANT.
- 4. INSTALL TOPSOIL, FINE GRADE AND STABILIZE REMAINING DISTURBED/UNPAVED AREAS WITH SEED AND MULCH.
- 5. AFTER SITE IS PROPERLY STABILIZED, AND WITH PERMISSION OF THE SEDIMENT CONTROL INSPECTOR, REMOVE ALL SEDIMENT CONTROL DEVICES AND STABILIZE ALL REMAINING DISTURBED AREAS.
- \* IF REQUIRED BY THE INSPECTOR SILT FENCE, OR SUPER SILT FENCE SHALL BE INSTALLED BEHIND BITUMINOUS CURB AND AT EXISTING DRIVEWAYS.
- NOTE: WATER AND SEWER HOUSE CONNECTIONS SHALL BE INSTALLED PRIOR TO INSTALLING THE SURFACE OVERLAY.





CONTACT

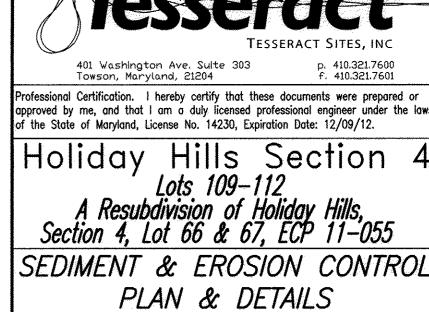
Jeffrey L. Schwab

Tesseract Sites, Inc.

401 Washington Ave, Suite 303

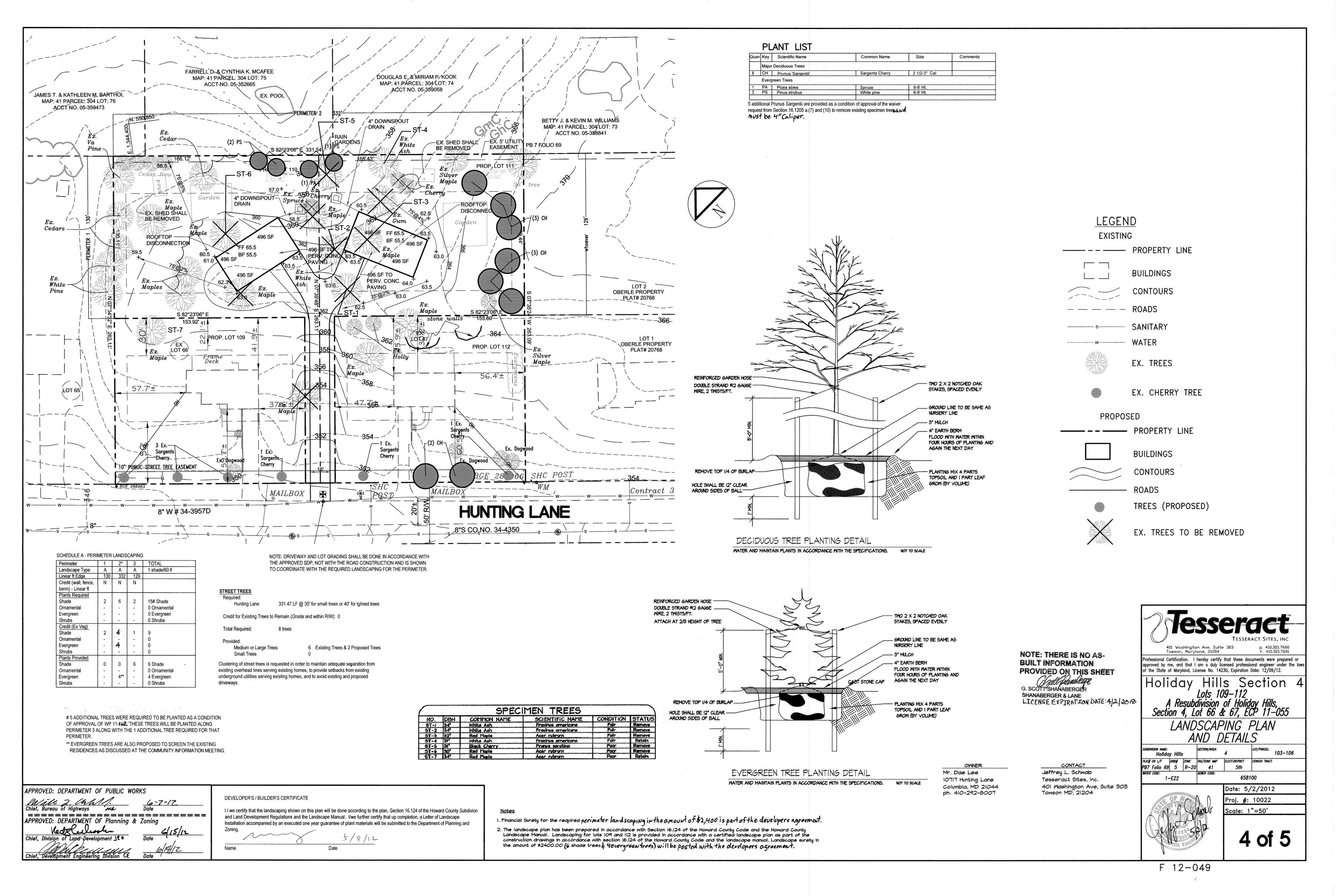
Towson MD, 21204

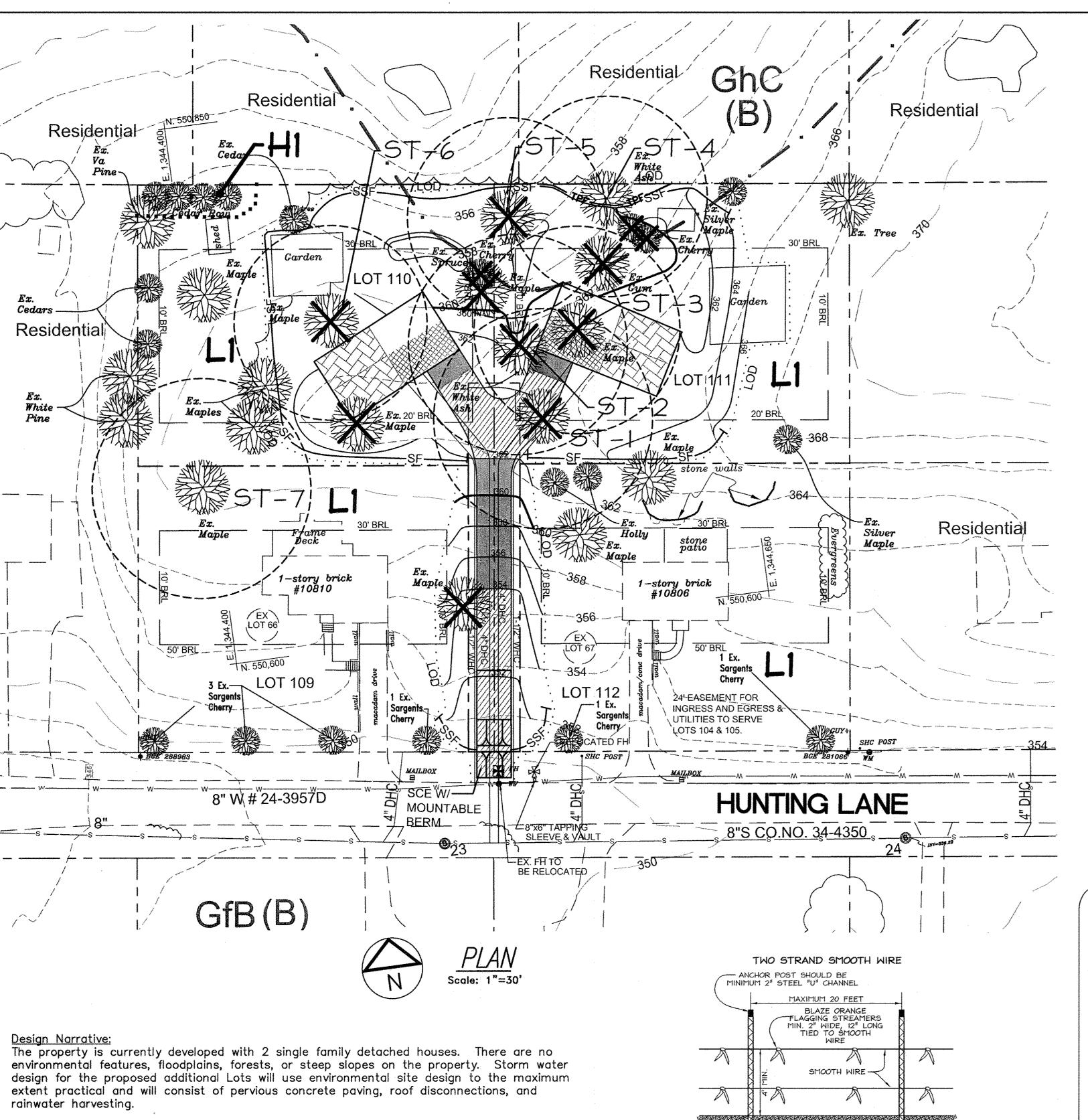
OWNER
Mr. Dae Lee
10717 Hunting Lane
Columbia, MD 21044
ph: 410-292-8007



NO. OF DAYS

BOWSION NAME: Holiday Hills	SECTION/AREA:	4	LOT/PARCEL: 103-106			
	•	ELECT.DISTRICT	CENSUS TRACT:			
77 Folio 69 5   R-20 TER CODE: 1-E22	41 SEWER CODE:	658100				
		Date: 5/2/2012				
A OF MOR	$\mathcal{O}$	Proj. #: 10022				
NAVI		Scale: 1"=50'				
W. Sh		3	of 5			





#### General FSD/FCP Notes

- . Subject property zoned R-20 per 02/02/04 Comprehensive Zoning Plan. 2. Total area of property = 2.00 ac.±
- 3. Existing 2 foot Topography on site based on field run topographic survey provided by Shanaberger and Lane in March 2011.
- 4. There are no steep slopes, State Champion Trees, streams, or wetlands on the project site.
- 5. Per a MERLIN search on March 4, 2011, there are no floodplains, critical habitats of rare, threatened or endangered species, or historic structures on

### Forest Stand Delineation Narrative

- This Forest Stand Delineation was prepared in accordance with the Howard County Forest Conservation Manual.
- LI The majority of the site is lawn containing scattered trees and shrubs around the existing house sites. There are seven specimen trees on the lawn area.
- HI There is a row of Red Cedar along the rear property line on the northwest side.

				FORE	ST STAN	ID ANA	LYSIS TA	BLE			
	TYPE 05	ADEA	SOIL INFORMATION			EXISTING	STAND CHARACTERISTICS			EODEGT ADEA	
	TYPE OF COMMUNITY	AREA	SOIL TYPE	TYPICAL FOREST COVER	WOODLAND SUITABILITY INDEX	HABITAT VALUE	VEGETATION (Type and approx. %)	SIZE AVG. DIAM	AGE	GENERAL CONDITIONS	IN SENSITIVE ENVIRONMENTS
				NO ON-	SITE FOREST	RESOURCE	s exist				
*******	Lawn	1.98									
1	Hedgerou	0.02								7	

#### FOREST CONSERVATION WORKSHEET Net Tract Area Acres A. Total Tract Area B. Area Within 100 Year Floodplain C. Other deductions D. Net Tract Area Zoning Use Category: RESIDENTIAL-SUBURBAN Land Use Category E. Afforestation Minimum (15 % x D) F. Conservation Threshold (20 % x D) Existing Forest Cover G. Existing Forest on Net Tract Area H. Forest Area Above Conservation Threshold Breakeven Point 1. Forest Retention Above Threshold with no Mitigation J. Clearing Permitted without Mitigation Proposed Forest Cleaning K. Forest Areas to be Cleared L. Forest Areas to be Retained Planting Requirements M. Reforestation for Clearing Above Threshold N. Reforestation for Clearing Below the Threshold P. Credit for Retention Above Conservation Threshold Q. Total Reforestation Required R. Total Afforestation Required 0.3 5. Total Reforestation and Afforestation Requirement 0.3

# FSD / FCP LEGEND

Forest Stand Label

. . . . . . . . . . . . . . . . .

Specimen Trees with Critical Root Zone



Tree Protection Fence

#### Soil Protection Zone Notes

- 1. The Soil Protection Zone shall include all areas contained outside the Limit of Disturbance.
- 2. Where possible, the Soil Protection Zone shall extend to the drip line of specimen trees. For other groups of trees, the zone shall be the drip line or 40% of the height of the tree, whichever is greater.
- 3. No construction activity is permitted within the Soil Protection Zone.
- 4. If soil has been compacted or grading has taken place in the vicinity of the Soil Protection Zone, root pruning shall be implemented per Root Pruning detail, shown on this plan.
- 5. Root pruning shall occur prior to the beginning of construction. 6. Where the Limit of Disturbance must encroach inside the Critical Root Zone of a tree, soil disturbance shall be mitigated with vertical mulching, radial trenching, or another method approved by the ERI
- Forest Conservation Professional. 7. Prior to construction, the Limits of Disturbance shall be marked and the ERI Professional shall make a final determination which trees will need preventative treatment or removal.
- 8. Tree maintenance and removal shall be undertaken by a qualified Maryland Tree Expert to ensure damage to surrounding trees is
- 9. Brush and limbs removed for construction shall be chipped and spread at the edge of the Soil Protection Zone to a depth of 6 inches. This shall occur outside the Soil Protection Zone where compaction could impact otherwise unprotected Critical Root Zone.

ROOT PRUNING

# CRITICAL ROOT ZONE For the edge of large areas, use the greater of the two choices below: I" DBH of the tree = I' radius of the OR 8 ft radius circle around critical root zone the trunk of the tree For isolated specimen trees: I" DBH = 1.51 radius of the critical root zone 6" DBH TREE 8' RADIUS CRZ 10" DBH TREE 30" DBH TREE

10' RADIUS CRZ

# Retention areas shall be set prior to construction 2. Boundaries of retention areas shall be flagged, and location of trench shall be specified by ERI Qualified Professional. 3. Roots shall be cut cleanly with root pruning equipment. Where roots >1" are found, trenching shall be done by air spade or hand tools. Roots >1" shall be cut with a hand saw. 4. Trench shall be immediately backfilled with soil removed or high organic content soil. 5. Any other techniques shall be approved by the ERI Qualified Professional before implementation. -Tree Protection Fence -6"-12" from trench to fence r12"± from LOD —21 minimum depth 6" maximum width

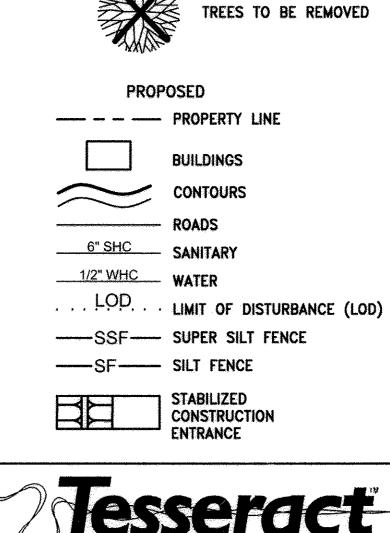
Mr. Dae Lee

10717 Hunting Lane

Columbia, MD 21044

ph: 410-292-8007

CRITICAL ROOT ZONE



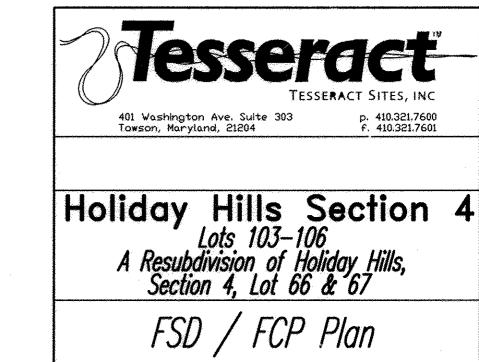
FOREST RESOURCES PER COUNTY GIS

VICINITY MAP SCALE:1=10001

> **LEGEND EXISTING**

--- - PROPERTY LINE

SOILS LINE



SUBDIMISION NINE: Holiday Hills					SECTION/AREA:	4	LOT/PARCEL: 103-106		
	or u/F Follo		<b>690/</b> 5	ZONE R-20	TXX/ZONE NAP 41	Excrusinect 5th	CENSUS TRACT:		
WITER	CODE	1-	-E22		SENER CODE: 658100				

NOTE: THERE IS NO AS-BUILT INFORMATION PROVIDED ON THIS SHEET

SCOTT SHINGERGER LECENCE EXPERATION DATE:4/2/2018

su <del>nomisi</del> on mme: Holida	y Hilis		SECTION/AREA:	4	LOT/PARCEL: 103-10		
PUTA CR L/F PB7 Follo 69	******	zo <b>ne</b> R-20	TXX/ZONE WP 41	EECLDISHECT 5th	CENSUS TRACT:		
INTER CODE:	-E22		SENIER CODE: 658100				

Date: 5/2/2012 Proj. #: 10022

5 of 5

Scale: AS SHOWN

FOREST PROTECTION DEVICE ONLY.
RETENTION AREA WILL BE SET AS PART OF THE REVIEW PROCESS. BOUNDARIES OF RETENTION AREA SHOULD BE STAKED AND FLAGGED 5. PROTECTIVE SIGNAGE MAY ALSO BE USED. 6. DEVICE SHOULD BE MAINTAINED THROUGHOUT CONSTRUCTION. TREE PROTECTION FENCE DETAIL NOT TO SCALE

ANCHOR POST MUST BE INSTALLED TO A DEPTH OF NO LESS THAN 1/3 OF THE TOTAL HEIGHT OF POST

PRIOR TO INSTALLING DEVICE.

Poor

4. ROOT DAMAGE SHOULD BE AVOIDED.

SPECIMEN TREES NO. DBH | COMMON NAME CONDITION STATUS SCIENTIFIC NAME Remove White Ash Fraxinus americana Remove White Ash Fraxinus americana Remove Red Maple Acer rubrum White Ash Retain\* Fraxinus americana Prunus serotina Remove Black Cherry ST-6 30" Red Maple ST-7 34" Red Maple Acer rubrum Remove

\* Grading under SDP to provide minimum 8' clearance from trunk to SSF.

Acer rubrum

**SOILS INFORMATION** 

APPROVED: HOWARD COUNTY DEPARTMENT OF

CHIEF, DEVELOPMENT ENGINEERING DIVISION & DATE

PLANNING & ZONING

N:\Holiday\_Shanaberger\dwg\2555\_FSDFCP\_s1.dwg, 5/2/2012 11:41:29 AM, smarmon, 1:1

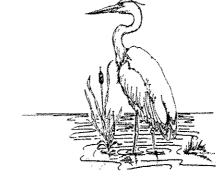
Gladstone-Urban land complex, 0 to 8 percent slopes

Glenelg-Urban land complex, 8 to 15 percent slopes

Forest Conservation Narrative This forest conservation plan has been developed in accordance with the Howard County Forest Conservation Manual and the Forest Conservation Act of 1991.

The total tract area consists of 2.00 Ac. on 2 lots to be subdivided into 4 lots. There are no forest resources on site. Due to the small size of the lot, the 0.30 acres of afforestation requirement shall be satisfied with a fee-in-lieu payment of \$9,801.00  $(13,068.00 \text{ SF } \times 0.75).$ 

FOREST STAND DELINEATION/FOREST CONSERVATION PLAN PREPARED BY:



45' RADIUS CRZ

**EXPLORATION** RESEARCH, INC. **ENVIRONMENTAL CONSULTANTS** LANDSCAPE ARCHITECTS

F-12-049