

SEQUENCE OF CONSTRUCTION

1. Obtain grading permit

Note: An approved site development plan is required prior to obtaining grading or building permits for the proposed house.

1 Day

2 Days

1 Day

3 Days

1 Day

2. Notify the Howard County Department of Public Works/ Bureau of Engineering/ Construction Inspection Division at 410-313-1880 at least 1 Day 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. 1 Day 4. Install stabilized construction entrance and silt fence in accordance 1 Day with the approved grading and sediment control plan.

Install tree protection fencing around all trees to remain. Install tree protection fencing around the forest conservation easements and install forest retention signs in accordance with the approved simplified forest stand delineation and conservation plan.

6. Obtain permission from the sediment control inspector to proceed. 7. Clear and grub the existing wooded area and individual trees shown to be removed on the approved grading plan. Rough grade for proposed driveway and house. Remove trees labeled to be removed and rough grade site in accordance with the approved grading and sediment control plan.

Relocate / install private water and sewer lines for both the existing

3 Days house and proposed house. Note: The disturbed areas of the site shall be stabilized at the end of each

work day in accordance with the temporary seeding notes on sheet 3. 9. Fine grade house pad and driveway. Install driveway base. 4 Days

3-1/2 months 10. Construct house. ⚠ IL Grade for sidewalk install sidewalk in accordance with the approved plan. 3 Days 12. Install street trees and all other landscaping. 2 Days 13. Immediately stabilize all remaining disturbed areas in accordance with the permanent seeding notes on sheet 3. 1 Day 14. With the permission of the sediment control inspector, remove the remaining silt fence and stabilized construction entrance. 1 Day 15. Install surface paving for new private driveway. 1 Day 46. Construct level spreader.

Site Analysis:

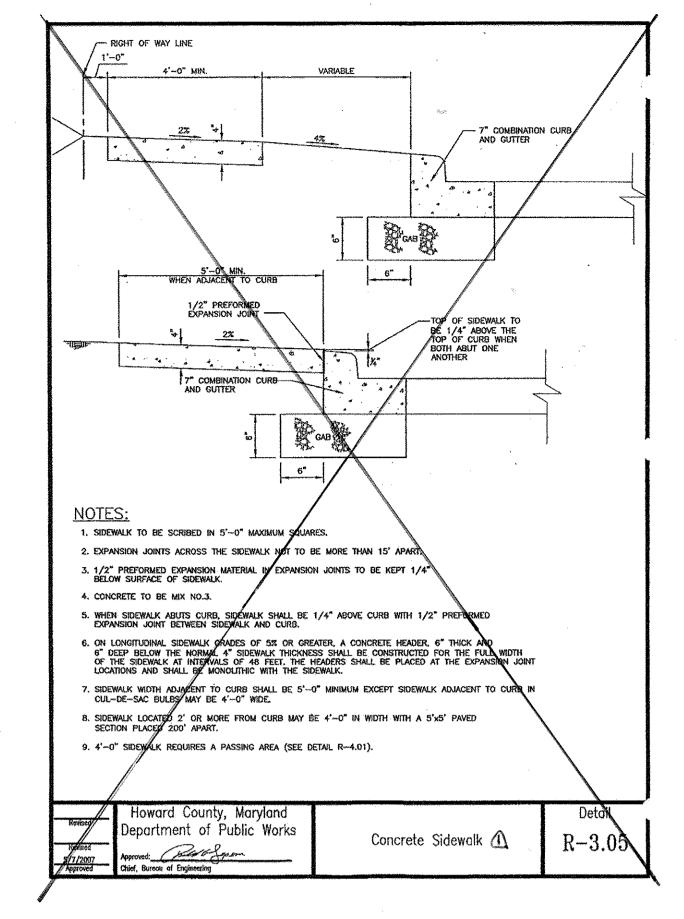
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Total Area of Site	1.035 Ac.
Area Disturbed	0.373 Ac.
Area to be roofed or paved Area to be vegetatively stabilized	0.10 Ac.
Area to be vegetatively stabilized	0.273 Ac.
Total Cut	450 C.Y.
Total Fill	450 C.Y.
Offsite waste area location	N/A

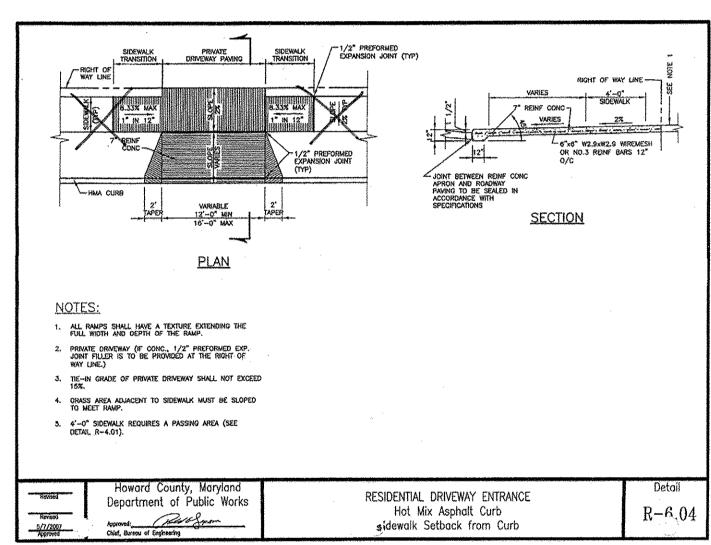
+7: With the permission of the sediment control inspector, remove any

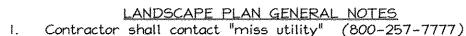
areas in accordance with the permanent seeding notes on sheet 3.

remaining sediment control devices, and stabilize any remaining disturbed

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SECTION	ROAD AND STREET	CALIFORNIA BEARING RATIO (CBR)	3 TO <5	5 TO <7	2.7	3 TO <	5 10 <7	≥ 7
Минек	CLASSIFICATION	PAVEMENT MATERIAL (INCHES)	MIN HMA WITH GAB		HMA WITH CONSTANT GAB			
	PARKING BAYS: RESIDENTAL AND NON-RESIDENTIAL PARKING DRIVE WSLES:	HMA SUPERPAVE FINAL SURFACE 9.5 MM PG 6422, LEVEL 1 (ESAL)	1.5	1.5	1.5	1,5	1,5	1,5
RESIDEN	RESIDENTIAL AND NON-RESIDENTIAL WITH HO MORE THAN 2 HEAVY TRUCKS PER DAY	HMA SUPERPAVE INTERMEDIATE SURFACE (NA)	NA	NA.	NA	NA.	NA	NA
` `	TEAT IN COURT COMMENT OF MALE DELL	HMA SUPERPAVE BASE 19.0 MM, PG 64-22, LEVEL 1 (ESAL)	2.0	2.0	2.0	3,5	3,0	2.5
		GRADED AGGREGATE BASE (GAB)	8,5	7.0	5.0	4.0	4.0	4.0
New Sea	Howard County, Maryland Department of Public Works	PAVING SECTION *			·		Deta	lic
Revised 5/1/2007 Approved	Approved: Chief, Buredu of Engineering	P-1					R-2	.01



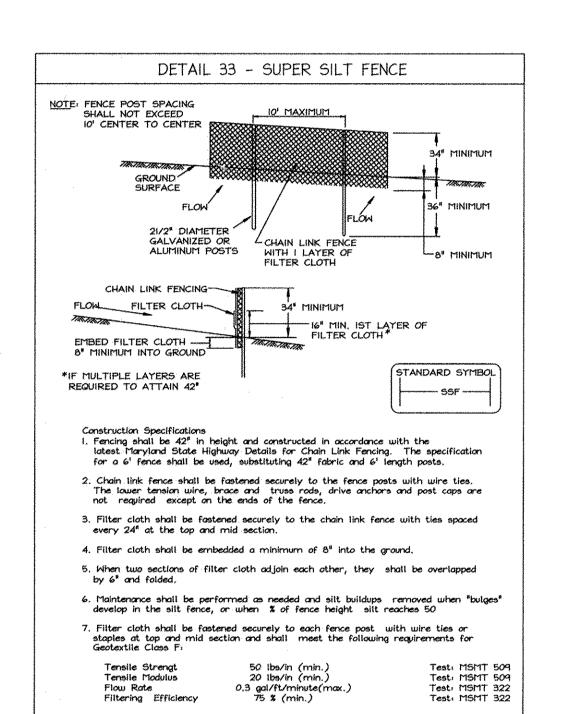




- and shall verify the location of all underground utilities within the project area prior to installation of plant material. 2. Proposed locations of plant material shall be staked in the field by the contractor for approval by owner's representative
- prior to planting. Plant material and beds shall receive a minimum 3-inch depth

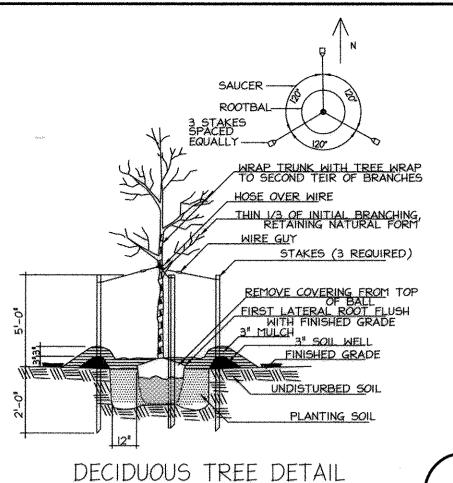
count of plant materials shown on the drawings.

- of mulch. All areas disturbed by planting operations shall be repaired
- by the contractor to the satisfaction of the owner's representative. Quantities of trees, evergreens, and shrubs noted on the plant list are based upon the graphic symbols shown on the drawings. Contractor shall provide and install these items based upon graphic symbol quantities. Contact owner's representative if a difference is found between the quantities noted in the plant list and the symbol
- Quantities of groundcovers, perennials, annuals, bulbs, and ornamental arasses shall be as noted in the plant list regardless of the number of graphic symbols shown on the drawings.
- 7. All plant materials shall be nursery grown and shall comply with the american standard for nursery stock (ansi z60.1), latest edition, published by the american association of nurserymen.
- All trees to conform to the american association of nurserymen's standards: section 1.1.2- height of branching, all trees to be matched. All plant materials to be full heavy specimens.
- 10. All areas within the limit of disturbance other than pavements, walks, walls and planting beds shall be seeded lawn.
- Surety for the seventeen (17) required shade trees is \$5,100.00. (Includes street trees)
- 12. Surety for the seven (7) required evergreen trees is \$1,050.00. (Includes street trees)

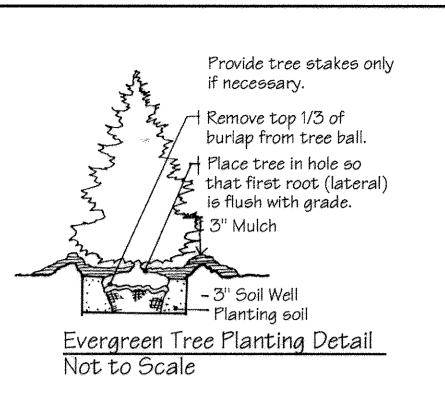


MARYLAND DEPARTMENT OF ENVIRONMEN WATER MANAGEMENT ADMINISTRATION

J.S. DEPARTMENT OF AGRICULTURE SOIL CONSERVATION SERVICE



NOT TO SCALE



SCHEDULE A PERIMETER LANDSCAPE EDGE Adjacent to Adjacent to Category Perimeter Properties Roadways Landscape Type Linear Feet of Roadway 294 L.F. 131 L.F. Frontage/Perimeter 70 L.F. Interior line exempt Credit for Existing Vegetation YES - 131 L.F. (Yes, No, Linear Feet) (Describe below if needed) Credit for Wall, Fence or Berm NO NO (Yes, No, Linear Feet) (Describe below if needed) Number of Plants Required :60 - Obligation me Shade Trees with existing 1:40 = 7 Evergreen Trees vegetation Number of Plants Provided N/A Evergreen Trees Other Trees (2:1 substitution Shrubs (10:1 substitution) (Describe plant substitution redits below if needed)

LANDSCAPE SCHEDULE							
SYMB.	COMMON NAME	BOTANICAL NAME	QTY	SIZE	REMARKS		
*	White Pine	Pinus strobus	7	5 ft 6' HT			
•	Red Sunset Red Maple	acer rubrum	6	2"-2 1/2" Cal B&B			

	STREET TREE SCHEDULE						
SYMB.	COMMON NAME	BOTANICAL NAME	QTY	SIZE	REMARKS		
\otimes	Pin Oak	Quercus palustris	11	2"-2 1/2" Caliper	В&В		

Note: The total road frontage for the resubdivision is 426 L.F. Street trees required at a ratio of 1:40. Therefore, 426 / 40 = 11 Trees

LANDSCAPE PERIMETER TABLE

PERIMETER NO.	LINEAR FOOTAGE	EDGE TYPE	ADJACENT LAND USE
1	*170 L.F.	N/A	SFD
2	110 L.F.	В	ROAD
3	184 L.F.	В	ROAD
4	131 L.F.	A	SFD
TOTAL LENGTH:	**595 L.F.		***************************************

* Note: This lot line is interior to the resubdivision and is exempt from the perimeter landscape requirements. ** Note: The total length shown above includes perimeter No. 1. See above note

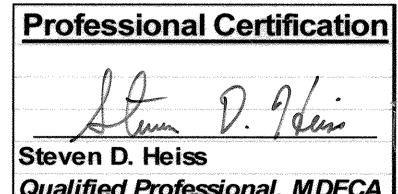
Credit for Existing Vegetation and Exemptions:

Perimeter # 1 - 170 l.f. - exempt

2.) Perimeter # 2 - 110 l.f. No credit

3.) Perimeter #3 - 184 l.f. No credit 4.) Perimeter # 4 - 131 l.f. credit

OWNER/DEVELOPER:



Qualified Professional, MDFCA

LDE Inc. Engineers, Surveyors, Planners 9250 Rumsey Road, Suite 106 Columbia, Maryland - 21045 (410)715-1070 - (301)596-3424 - FAX(410)715-9540 SUPPLEMENTAL NOTES AND DETAILS KEEHN ESTATES LOTS 54 \$ 55 A RESUBDIVISION OF RIVERSIDE ESTATES, SECTION 4, BLOCK H, LOT TAX MAP 41, P/O PARCEL 420 PLAT NO. 3816-A JOB NO. 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND WP-16-129

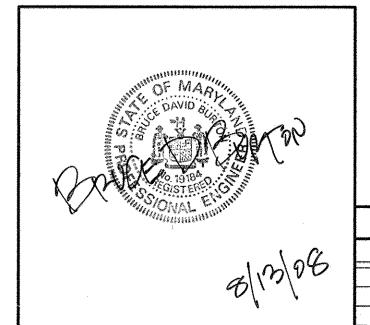
revious Submittals: MP-06-134, F-78-16, AA-06-026, MP-08-062

TOM & KELLIE KEEHN 7090 NEWBERRY DRIVE

COLUMBIA, MD 21044 301-370-3460

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

DEVELOPER'S / BUILDER'S CERTIFICATION I certify that the landscaping shown on this plan will be done according to the plan, Section 16.124 of the Howard County Code and the Howard County Landscape Manual. I further certify that upon completion a Letter of Landscape Installation, accompanied by an executed One Year Guapantee of Plant Materials will be the Department of Planning and Zoning.



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Al	M A DULY LICENSED F	PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. EXPIRATION DATE: 6/30/09 OF MARYLAND. BY 10 OF MARYLAND.	DESIGNED S.D.H.
		SIGNED DATE	DRAWN
-		TO 1918 O CENT	G.D.W.
		REWISIONS	CHECKED
No.	Date	Description] B.D.B.
Φ	A/6/17	remove sidewalk details	DATE
	•		
			8/2008

PROFESSIONAL CERTIFICATION

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AS SHOWN

2 OF 3

05-020

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