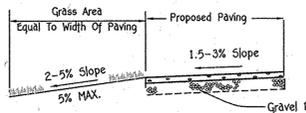


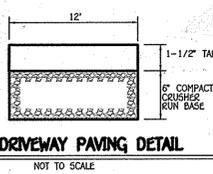
STREET TREE SCHEDULE				
QTY.	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
3		PRUNUS SARGENTH	SARGENT CHERRY	2 1/2" - 3" CALIPER FULL CROWN, B&B

STREET TREES WILL BE PROVIDED ALONG THE FRONTAGE OF LOTS 101 AND ADJACENT LOT 102. FINANCIAL SURETY FOR TREE INSTALLATION HAS BEEN POSTED AT THE TIME OF SUBMISSION AS PART OF A DPW DEVELOPER AGREEMENT, F-06-126.

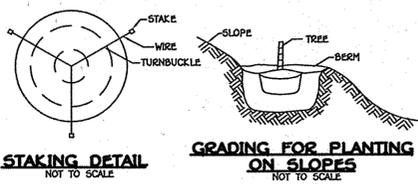


TYPICAL DRIVEWAY SECTION FOR NON-ROOFTOP DISCONNECT CREDIT (N-2)
NOT TO SCALE

SYMBOL	DESCRIPTION
---	EXISTING CONTOUR 2' INTERVAL
---ELEV. 2	SPOT ELEVATION
---	PROPOSED WALKOUT
---	DIRECTION OF DRAINAGE
---	SUPER SILT FENCE/TREE PROTECTION FENCE
---	LIMIT OF DISTURBANCE
---	STABILIZED CONSTRUCTION ENTRANCE
---	25% OR GREATER STEEP SLOPES (OFF SITE)
---	15-24% STEEP SLOPES
---	EXISTING TREE LINE
---	PROPOSED TREE LINE
---	PROPOSED LANDSCAPE TREE
---	EXISTING TREES TO REMAIN
---	SUPER DIMENSION FENCE
---	SOIL BORING



DRIVEWAY PAVING DETAIL
NOT TO SCALE



STAKING DETAIL
NOT TO SCALE

At the Time of Plant Installation All Shrubs and Trees Listed and Approved On the Landscape Plan, Shall Comply with the Proper Height Requirement in Accordance with the Howard County Landscape Manual. In Addition, No Substitutions or Reductions of the Required Plantings May Be Made Without Prior Review and Approval From the Department of Planning and Zoning. Any Deviation From the Approved Landscape Plan May Result in Denial or Delay in the Release of Landscape Surety Until Such Time as All Required Materials are Planted and/or Revision are Made to the Applicable Plans.

NO CLEARING OF EXISTING VEGETATION IS PERMITTED WITHIN THE LANDSCAPE EDGE FOR WHICH CREDIT IS BEING TAKEN. HOWEVER, MAINTENANCE IS AUTHORIZED SHOULD ANY TREE DESIGNATED FOR PRESERVATION FOR WHICH CREDIT IS BEING GIVEN, DIE PRIOR TO THE RELEASE OF BONDS. THE OWNER WILL BE REQUIRED TO REPLACE THE TREE WITH THE EQUIVALENT SPECIES OR WITH A TREE THAT WILL OBTAIN THE SAME HEIGHT, SPREAD AND GROWTH CHARACTERISTICS. THE REPLACEMENT TREE MUST BE A MINIMUM OF THREE (3) INCHES IN CALIPER AND INSTALLED AS REQUIRED IN THE LANDSCAPE MANUAL.

PERIMETER CATEGORY	SCHEDULE A PERIMETER LANDSCAPE EDGE			TOTALS
	P-1 ADJACENT TO PERIMETER PROPERTIES	P-2 ADJACENT TO PERIMETER PROPERTIES	P-3 ADJACENT TO ROADWAY	
LANDSCAPE TYPE	A	A	N/A	
LINEAR FEET OF PERIMETER	263.00'	104.33'	104.56'	
CREDIT FOR EXISTING VEGETATION (YES, NO, LINEAR FEET)	YES, 98.00'	YES, 54.00'	NO	
CREDIT FOR WALL, FENCE OR BERM (YES, NO, LINEAR FEET)	NO	NO	NO	
NUMBER OF PLANTS REQUIRED	165.00/60 = 2.75 = 3	50.33/60 = .84 = 1	0	4
NUMBER OF PLANTS PROVIDED	3	1	0	4
OTHER TREES (E1 SUBSTITUTION)	0	0	0	0

LANDSCAPE SCHEDULE				
QUANTITY	SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE
4		ACER RUBRUM OCTOBER GLORY	OCTOBER GLORY (OCTOBER RED MAPLE)	2 1/2" - 3" CALIPER FULL CROWN, B&B

NOTE: FINANCIAL SURETY FOR THE 4 SHADE TREES IN THE AMOUNT OF \$1,200.00 WILL BE POSTED AT THE TIME OF ISSUANCE OF THE BUILDERS GRADING PERMIT.

GENERAL NOTES CONTINUED

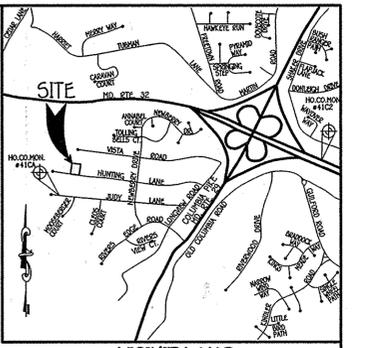
- COMPUTATION AND STAKEOUT OF THE FOUNDATION BY A LICENSED PROFESSIONAL SURVEYOR IS RECOMMENDED PRIOR TO CONSTRUCTION TO ENSURE COMPLIANCE WITH REGULATORY BUILDING RESTRICTION LINES.
- AN ENVIRONMENTAL CONCEPT PLAN WAS NOT REQUIRED BECAUSE THE FINAL PLAN, F-06-126, (MOR PLAN NO. 19775) WAS APPROVED BEFORE APRIL 4, 2010.

SITE ANALYSIS DATA

- TOTAL AREA OF SUBJECT PROPERTY = 0.6304 ACRES OR 27,462 Sq. Ft.
- TOTAL AREA OF SUBMISSION = 0.6304 ACRES OR 27,462 Sq. Ft.
- LIMIT OF DISTURBANCE = 0.3002 ACRES OR 13,100 Sq. Ft.
- PRESENT ZONING DESIGNATION: R-20.
- PROPOSED USES FOR SITE: RESIDENTIAL SINGLE FAMILY DETACHED DWELLING.
- APPLICABLE DPZ FILE REFERENCES: F-00-106, F-03-188, F-06-126, W&S CONTR. NO. 24-3957-D, WP-06-074.

BENCH MARKS

- T.P. 41CA ELEV. 295.98
N. 550,124.853
E. 1,342,960.935
LOC. NEAR THE END OF & ALONG JUDY LANE
- T.P. 41C2 ELEV. 395.856
N. 551,616.404
E. 1,348,104.227
LOC. NEAR THE INTERSECTION OF ROUTE 29 & ROUTE 32



VICINITY MAP
SCALE: 1" = 200'
ADC MAP 5052 GRID H-2

GENERAL NOTES

- TOTAL PROPERTY IS ZONED R-20 PER THE 2/2/04 COMPREHENSIVE ZONING PLAN, AND THE COMP LITE ZONING AMENDMENT EFFECTIVE 7/28/06.
- TOTAL AREA OF SITE: 0.6304 ACRES.
- TOTAL NUMBER OF LOTS SUBMITTED: 1
- THE CONTRACTOR OR DEVELOPER SHALL NOTIFY THE CONSTRUCTION INSPECTION DIVISION AT (410)312-1800 24-HOURS PRIOR TO THE COMMENCEMENT OF WORK.
- THE CONTRACTOR SHALL NOTIFY MISS UTILITY AT 1-800-257-1777 AT LEAST 48 HOURS PRIOR TO THE COMMENCEMENT OF WORK.
- THIS PROJECT IS SUBJECT TO HOWARD COUNTY FILES: F-75-48, F-00-106, F-03-188, F-06-126 W & S CONTR. NO. 24-3957-D, WP 06-074.
- THIS PLAN IS BASED ON FIELD RUN TOPOGRAPHY PERFORMED ON MAY 28, 2004 BY FISHER, COLLINS
- HORIZONTAL AND VERTICAL CONTROL DATUM IS BASED ON M.D. 83, MARYLAND COORDINATE SYSTEM AS PRECEDED BY HOWARD COUNTY GEODETIC CONTROL STATIONS.
- ANY DAMAGE TO THE COUNTY'S RIGHT-OF-WAY SHALL BE CORRECTED AT THE DEVELOPER'S EXPENSE.
- THIS PLAN IS FOR HOUSE SITING AND GRADING ONLY. IMPROVEMENTS SHOWN WITHIN THE RIGHTS-OF-WAY OF THIS S.D.P. ARE NOT USED FOR CONSTRUCTION.
- CONTRACTOR SHALL CHECK SEWER HOUSE CONNECTION ELEVATION AT EASEMENT LINE PRIOR TO CONSTRUCTION.
- THE TOTAL AREA CLEARED OR DISTURBED PER THIS SITE DEVELOPMENT PLAN IS 19,100 SF.
- FOR DRIVEWAY ENTRANCE DETAIL REFER TO HO. CO. DESIGN MANUAL, VOL. IV STANDARD DETAIL R.6.05.
- IN ACCORDANCE WITH SECTION 12B OF THE HOWARD COUNTY ZONING REGULATIONS, ANY WINDOWS, CHIMNEYS OR EXTERIOR STAIRWAYS NOT MORE THAN 16 FEET IN WIDTH MAY PROJECT NOT MORE THAN 4 FEET INTO ANY SETBACKS, PORCHES OR DECKS OPEN OR ENCLOSED MAY PROJECT NOT MORE THAN 10 FEET INTO THE FRONT OR REAR YARD SETBACKS.
- DRIVEWAYS SHALL BE PROVIDED PRIOR TO ISSUANCE OF A USE AND OCCUPANCY PERMIT FOR ANY NEW DWELLINGS TO ENSURE SAFE ACCESS FOR FIRE AND EMERGENCY VEHICLES PER THE A) WIDTH - 12' (16' IF SERVING MORE THAN ONE RESIDENCE)
B) SURFACE - 6" OF COMPACTED CRUSHER RUN BASE W/TAR AND CHIP COATING (1-1/2" MIN.)
C) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND 45-FOOT TURNING RADIUS.
D) STRUCTURES - (BRIDGES/CULVERTS) CAPABLE OF SUPPORTING 25 GROSS TONS
E) DRAINAGE ELEMENTS CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER DRIVEWAY SURFACE.
F) STRUCTURE CLEARANCES - MINIMUM 12 FEET
G) MAINTENANCE SUFFICIENT TO INSURE ALL WEATHER USE.
- THERE ARE NO WETLAND AREAS LOCATED ON SITE OR WITHIN 25 FEET OF THIS PROPERTY PER THE ENVIRONMENTAL STUDY PERFORMED BY ECO-SCIENCE PROFESSIONALS, INC. DATED FEBRUARY 4, 2005. THERE ARE NO FLOODPLAINS LOCATED ON THIS LOT. THERE ARE NO STEEP SLOPES 25% OR GREATER LOCATED ON LOT 101, HOWEVER, THE AREA OF STEEP SLOPES 15-24% HAVE BEEN IDENTIFIED. THERE IS A 100' STREAM BUFFER LOCATED AT THE REAR OF THIS LOT DIRECTLY ADJACENT TO THE PERENNIAL STREAM.
- THIS PLAN IS IN COMPLIANCE WITH THE AMENDED 5TH EDITION OF THE SUBDIVISION AND LAND DEVELOPMENT REGULATIONS PER COUNCIL BILL NO. 45-2003 AND THE ZONING REGULATIONS AS AMENDED BY COUNCIL BILL NO. 75-2003. DEVELOPMENT OR CONSTRUCTION ON THESE LOTS 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 AND PER COMP-LITE ZONING REGULATIONS DATED JULY 28, 2006.
- LANDSCAPING IS PROVIDED IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND LANDSCAPE MANUAL. FINANCIAL SURETY IN THE AMOUNT OF \$1200.00 FOR THE FOUR (4) SHADE TREES SHALL BE POSTED AT THE TIME OF ISSUANCE OF THE BUILDERS GRADING PERMIT.
- THE PROPOSED WHC SHALL BE 1 1/2 INCHES WITH A 1" METER, IN AN OUTSIDE METER VAULT AT THE PROPERTY LINE.
- NO CEMETERIES EXIST ON THIS SITE BASED ON VISUAL SITE VISIT AND AN EXAMINATION OF THE HOWARD COUNTY CEMETERY PLAN.
- THIS PROJECT COMPLIES WITH THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE FOR FOREST CONSERVATION.
- A FEE-IN-LIEU FOR FOREST CONSERVATION WAS PAID AT THE TIME OF SUBMISSION UNDER F-06-126 (PLAT NO. 19775).
- THIS S.D.P. SUBJECT WP-06-074 WHICH THE PLANNING DIRECTOR APPROVED FEBRUARY 28, 2006 SUBJECT TO THE FOLLOWING CONDITIONS:
A. SECTION 16.132(a)(2)(B): SUBMISSION OF A COST ESTIMATE FOR A FEE-IN-LIEU OF CONSTRUCTION 1/2 OF THE FULL PAYMENT WIDTH ALONG THE PROPERTY FRONTAGE.
B. SECTION 16.133: SUBMISSION OF A COST ESTIMATE FOR A FEE-IN-LIEU OF CONSTRUCTING STORM DRAIN WITH ROADWAY IMPROVEMENTS.
C. SECTION 16.135(a): SUBMISSION OF A COST ESTIMATE FOR A FEE-IN-LIEU OF INSTALLING STREET LIGHTING.
THE PLANNING DIRECTOR DENIED A REQUEST TO WAIVE THE FOLLOWING:
D. SECTION 16.134(1)(1) CONSTRUCTION OF SIDEWALK ALONG ROAD FRONTAGE.
E. SECTION 16.136: INSTALLATION OF STREET TREES ALONG ROAD FRONTAGE.
- FEE IN LIEU OF PROVIDING OPEN SPACE HAS BEEN PAID IN THE AMOUNT OF \$1,500.00 AT THE TIME OF SUBMISSION UNDER F-06-126 (PLAT NO. 19775).
- STORMWATER MANAGEMENT IS PROVIDED IN ACCORDANCE WITH THE 2000 MARYLAND STORMWATER DESIGN MANUAL, VOLUMES I AND II. IT WAS DETERMINED THAT THIS PROJECT MET THE CRITERIA OUTLINED IN THE MDE STORMWATER MANAGEMENT REGULATIONS FOR IMPLEMENTATION AND ACCEPTANCE OF THE 2000 DESIGN CRITERIA AND GRANTED A WAIVER ON NOVEMBER 30, 2012. THIS PLAN RECEIVED FINAL PLAN APPROVAL (F-06-126) ON MAY 4, 2010. THIS PLAN IS ALSO SUBJECT TO THE EXPIRATION OF THIS WAIVER UNLESS ALL STORMWATER MANAGEMENT IS CONSTRUCTED BY MAY 4, 2017. THE STORMWATER MANAGEMENT PRACTICES WILL BE PROBABLY OWNED AND MAINTAINED UNDER A DECLARATION OF COVENANTS AND HAS BEEN PROVIDED ON THE INDIVIDUAL LOTS AS FOLLOWS:
WATER QUALITY VOLUME AND GROUNDWATER RECHARGE REQUIREMENTS FOR THIS SITE WILL BE PROVIDED BY PRIVATE SEWERAGE SYSTEMS. THESE SYSTEMS WILL BE DESIGNED IN ACCORDANCE WITH THE 2000 MARYLAND STORMWATER MANAGEMENT DESIGN MANUAL, VOLUMES I AND II. CHANNEL PROTECTION VOLUME MANAGEMENT WILL NOT BE REQUIRED BECAUSE THE RUNOFF RATE GENERATED BY THE 1-YEAR POST DEVELOPMENT PEAK DISCHARGE IS LESS THAN THE 2.0 CFS AS MANDATED BY THE FOREMENTIONED MANUAL. THE DRIVEWAY WILL BE DISCONNECTED BY THE USE OF NON-ROOFTOP DISCONNECT (N-2) TO PROMOTE VEGETATIVE FILTERING. THE HOUSE WILL BE TREATED WITH DRAINAGE SYSTEMS (N-2).
- TRAFFIC STUDY WAS PREPARED BY MARS GROUP ON NOVEMBER, 2005.
- WATER AND SEWER SERVICE TO THIS LOT WILL BE GRANTED UNDER THE PROVISIONS OF SECTION 18.122B OF THE HOWARD COUNTY CODE.
- PUBLIC WATER AND SEWER ALLOCATIONS WILL BE GRANTED AT TIME OF ISSUANCE OF THE BUILDING PERMIT IF CAPACITY IS AVAILABLE AT THAT TIME.
- IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 16.134(a)(1)(6) AND 16.136, SIDEWALKS AND STREET TREES WILL BE PROVIDED ALONG THE FRONTAGES OF LOTS 101 AND ADJACENT LOT 102. FINANCIAL SURETY FOR THESE IMPROVEMENTS HAS BEEN POSTED AS PART OF A DPW DEVELOPER AGREEMENT AT THE TIME OF SUBMISSION AS SHOWN ON FINAL PLAN, F-06-126.

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
101	1032 HUNTING LANE

SHEET INDEX CHART	
SHEET NO.	DESCRIPTION
SHEET 1	SITE DEVELOPMENT, SEDIMENT AND EROSION CONTROL PLAN
SHEET 2	SEDIMENT AND EROSION CONTROL, LANDSCAPE, STORMWATER MANAGEMENT NOTES AND DETAILS

SOILS LEGEND		
SOIL	NAME	CLASS
MIE	Manor loam, 25 to 45 percent slopes	B
EKC2	Elk oak silt loam, 8 to 15 percent slopes, moderately eroded	B
GB2	Glenns loam, 3 to 8 percent slopes, moderately eroded	B
GIC2	Glenns loam, 8 to 15 percent slopes, moderately eroded	B
GD2	Glenns loam, 15 to 25 percent slopes, moderately eroded	B
MID2	Manor loam, 15 to 25 percent slopes, moderately eroded	B

STORMWATER MANAGEMENT PRACTICES			
LOT NO.	ADDRESS	DISCONNECTION OF NON-ROOFTOP RUN OFF N-2, (Y/N)	DRAWN (M-E) (NUMBER)
LOT 101	HUNTING LANE	Y	?

BUILDER/DEVELOPERS/ CERTIFICATE

I/WE CERTIFY THAT THE REQUIRED LANDSCAPING WILL BE DONE ACCORDING TO THE PLAN, SECTION 16.124 OF THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS AND THE LANDSCAPE MANUAL. I/WE FURTHER CERTIFY THAT UPON COMPLETION, A LETTER OF NOTICE, ACCOMPANIED BY AN EXECUTED ONE YEAR GUARANTEE OF PLANT MATERIALS, WILL BE SUBMITTED TO THE DEPARTMENT OF PLANNING AND ZONING.

Rajesh Purbhi, Vibha Purbhi
7/2/2013

OWNER/BUILDER

RAJESH & VIBHA PURBHI
1032 HUNTING LANE
COLUMBIA, MARYLAND 21044
240-795-0099

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10272 BALDWIN NATIONAL PIKE
BLOOMING GARDEN, MARYLAND 21142
(410) 461-2299

STATE OF MARYLAND
FERRILL A. FISHER
No. 9751
PROFESSIONAL ENGINEER

ENGINEER'S CERTIFICATE
"I certify that this plan for erosion and sediment control represents a practical and workable plan based on my personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Howard Soil Conservation District."

Signature of Engineer: *Ferrill A. Fisher* 3/6/13 Date

BUILDER/DEVELOPERS CERTIFICATE
"I/We certify that all development and construction will be done according to this plan, for sediment and erosion control and that any responsible personnel involved in the construction project will have a Certificate of Attendance at a Department of the Environment Approved Training Program for the Control of Sediment and Erosion before beginning the project. I also authorize periodic on-site inspection by the Howard Soil Conservation District."

Signature of Engineer: *Rajesh Purbhi* 7/mar/2013 Date

Signature of Engineer: *Ferrill A. Fisher* 3/6/13 Date

Reviewed for HOWARD SCD and meets Technical Requirements.
This development plan is approved for soil erosion and sediment control by the HOWARD SOIL CONSERVATION DISTRICT.

John L. Robertson 3/19/13 Date
Howard SCD

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 9767, EXPIRATION DATE: 03/03/14.

Signature of Engineer: *Ferrill A. Fisher* 3/6/13 Date

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Kate Leonard 4/11/13 Date
Chief, Department of Planning and Zoning

David P. King 4/11/13 Date
Chief, Development Engineering Division

Director - Department of Planning and Zoning

PROJECT	SECTION	LOTS NO.
HOLIDAY HILLS	5	101

PLAT	BLOCK NO.	ZONE	TAX/ZONE	ELEC. DISF.	CENSUS TR.
19775	5	R-20	41	FIFTH	6051.02

SITE DEVELOPMENT, SEDIMENT & EROSION CONTROL PLAN

SINGLE FAMILY DETACHED
HOLIDAY HILLS
SECTION 5, LOT 101
PLAT No. 19775

TAX MAP NO.: 0041 P/O PARCEL NO.: 0273 GRID NO.: 0005
FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
SCALE: 1" = 30' DATE: MARCH 6, 2013

SHEET 1 OF 2 **SDP-13-034**

1:2009A04075.dwg (4075-6001 Lot 101 S.D.P.dwg, Model 3/6/2013 11:56:39 AM)

