

Permits: 410-313-2455
 Inspections: 410-313-1810
 Automated Line: 410-313-3800

Howard County Building/Fire Permit Application
 Department of Inspections, Licenses & Permits
 3430 Court House Drive
 Ellicott City, MD 21043

rec'd 1-8-13

Permit Number:
 B/2000155

Building Address: 11263 Independence Way
Ellicott City MD 21042

Suite/Apt. # _____ SDP/WP/BA #: G07000150

Census Tract: _____ Subdivision: Hammock Crossing

Section: _____ Area: _____ Lot: 57

Tax Map: _____ Parcel: _____ Grid: _____

Zoning: _____ Map Coordinates: _____ Lot Size: _____

Existing Use: Vacant lot

Proposed Use: Residential UMC

Estimated Construction Cost: \$ 550,000

Description of Work: Two story, 3-car garage
4 bdrms, 3.5 baths

Occupant or Tenant: _____

Was tenant space previously occupied? Yes No

Contact Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

Email: _____

Property Owner's Name: Toll MD III LP

Address: 14540 Edgewoods Way

City: Cherry State: MD Zip Code: 21137

Home Phone: _____ Work Phone: 410 489 2275

Applicant's Name & Mailing Address, (if other than stated herein):

 Phone: _____ Fax: _____
 Email: _____

Contractor Company: Toll MD III LP

Contact Person: Nolan Brandenburg

Address: 14540 Edgewoods Way

City: Cherry State: MD Zip Code: 21137

License No.: 5045

Phone: 410 489 2275 Fax: _____

Email: Nbrandenburg@TollBrothersInc.com

Engineer/Architect Company: ESE

Responsible Design Prof.: Mike Boyce

Address: 7164 Columbus Gateway Dr. #230

City: Columbia State: MD Zip Code: 21046

Phone: 410 365 4175 Fax: _____

Email: Mboyce@ESEEng.com

BUILDING DESCRIPTION - COMMERCIAL	
Building Characteristics	Utilities
Height:	<u>Water Supply</u>
No. of stories:	<input type="checkbox"/> Public
Gross area, sq. ft./floor:	<input type="checkbox"/> Private
	<u>Sewage Disposal</u>
Area of construction (sq. ft.):	<input type="checkbox"/> Public
	<input type="checkbox"/> Private
Use group:	Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No
	Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No
<u>Construction type:</u>	<u>Heating System</u>
<input type="checkbox"/> Reinforced Concrete	<input type="checkbox"/> Electric <input type="checkbox"/> Oil
<input type="checkbox"/> Structural Steel	<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas
<input type="checkbox"/> Masonry	<u>Sprinkler System:</u>
<input type="checkbox"/> Wood Frame	<input type="checkbox"/> N/A
<input type="checkbox"/> State Certified Modular	<input type="checkbox"/> Full
<input checked="" type="checkbox"/> Roadside Tree Project Permit	<input type="checkbox"/> Partial
<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Other Suppression
Roadside Tree Project Permit #	No. of Heads:

BUILDING DESCRIPTION - RESIDENTIAL	
Building Characteristics	Utilities
<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	<u>Water Supply</u>
Depth: _____ Width: _____	<input type="checkbox"/> Public
1 st floor: <u>66'</u> <u>65'</u>	<input checked="" type="checkbox"/> Private
2 nd floor: <u>66'</u> <u>65'</u>	<u>Sewage Disposal</u>
Basement: <u>66'</u> <u>65'</u>	<input type="checkbox"/> Public
<input type="checkbox"/> Finished Basement	<input checked="" type="checkbox"/> Private
<input checked="" type="checkbox"/> Unfinished Basement	Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Crawl Space	Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Slab on Grade	<u>Heating System</u>
No. of Bedrooms:	<input checked="" type="checkbox"/> Electric
<u>Multi-family Dwelling</u>	<input type="checkbox"/> Oil
No. of efficiency units:	<input checked="" type="checkbox"/> Natural Gas
No. of 1 BR units:	<input type="checkbox"/> Propane Gas
No. of 2 BR units:	
No. of 3 BR units:	
Other Structure:	
Dimensions:	
Footings:	<input checked="" type="checkbox"/> Roadside Tree Project Permit
Roof:	<input type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> State Certified Modular	Roadside Tree Project Permit #
<input type="checkbox"/> Manufactured Home	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: Nbrandenburg e Tollbrothersinc.com

Print Name: Nolan Brandenburg

Email Address: Toll Brothers

Date: 12/10/12

Title/Company: _____

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

PLEASE WRITE NEATLY & LEGIBLY
 -FOR OFFICE USE ONLY-

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)	<u>3/13/13</u>	<u>[Signature]</u>
Health	<u>1/8/13</u>	<u>[Signature]</u>
Fire Protection		

Is Sediment Control approval required for issuance? Yes No

CONTINGENCY CONSTRUCTION START

ONE STOP SHOP

DPZ SETBACK INFORMATION

Front: _____

Rear: _____

Side: _____

Side St: _____

All minimum setbacks met? Yes No

Is Entrance Permit Required? Yes No

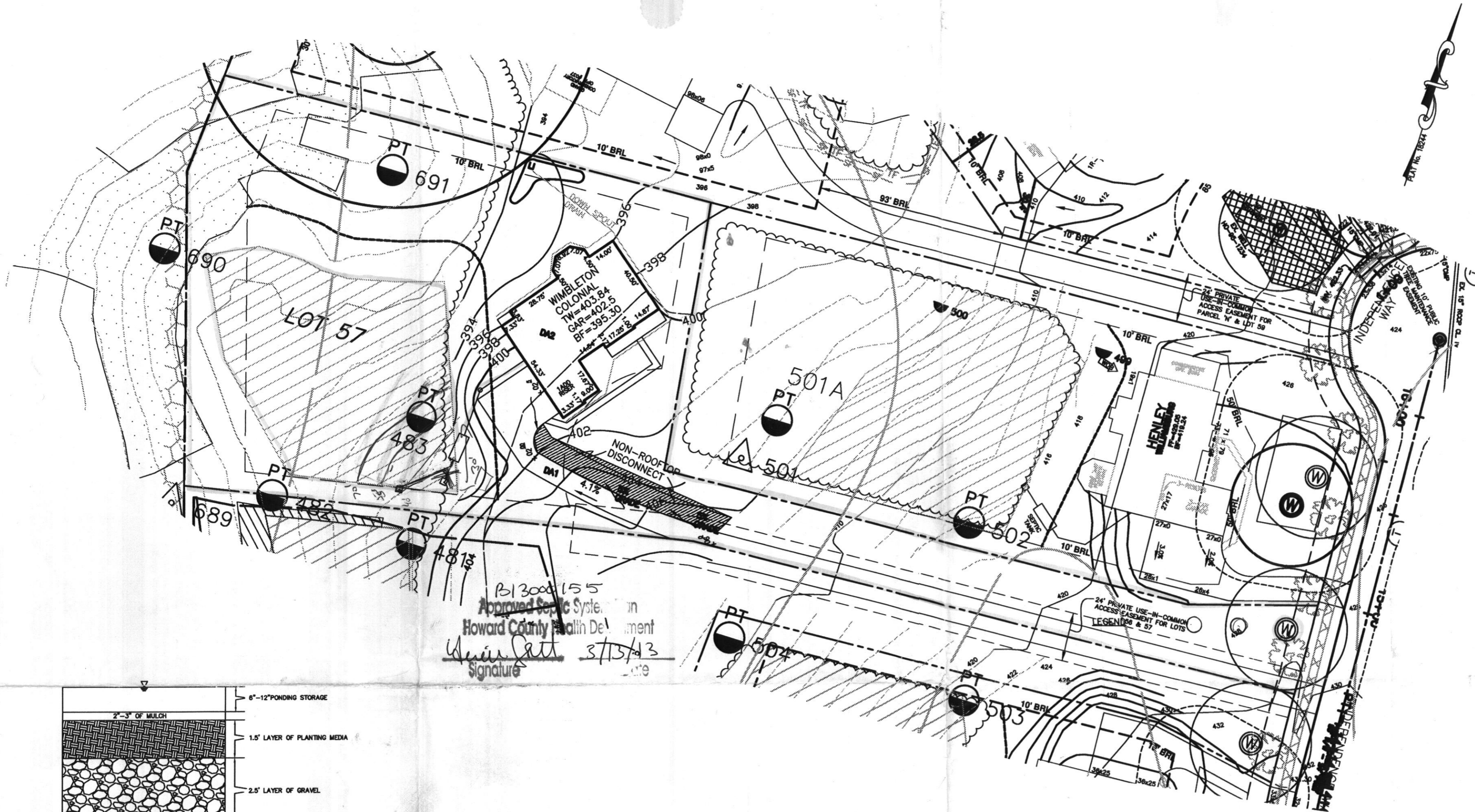
Historic District? Yes No

Lot Coverage for New Town Zone: _____

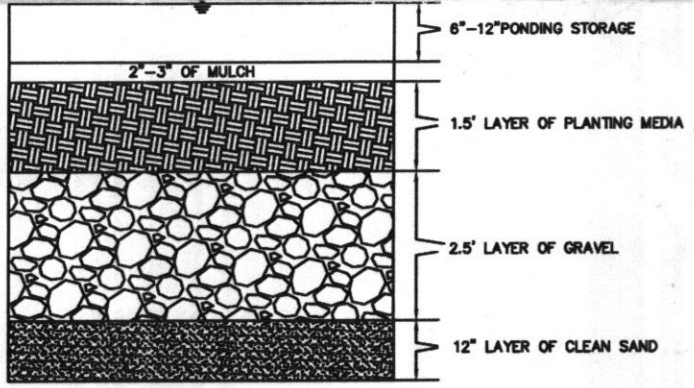
SDP/Red-line approval date: _____

Filing Fee	\$ <u>100</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$ <u>50</u>
Add'l per Fee	\$
Total Fees	\$
Sub- Total Paid	\$
Balance Due	\$

Check # 09233953



Approved Septic System in
Howard County Health Department
3/13/13
Signature



LANDSCAPE INFILTRATION DETAIL
NOT TO SCALE

SOIL LINE

DRAINAGE AREA

EXISTING TREE LINE

SWM COMPUTATIONS	
DRAINAGE AREA #2	0.08 ACRES
ROOF TOP STRUCTURAL PRACTICE DRAINAGE AREA	0.08 ACRES
PROPOSED IMPERVIOUS AREA	2.6 IN
ESD P _e RAINFALL TARGET	693 CF
ESD RUNOFF VOLUME	726 CF
WATER QUALITY VOLUME	455 SQ FT
LANDSCAPE INFILTRATION DEVICE	726 CF
ESD VOLUME PROVIDED	726 CF
TOTAL W _q OR ESD TREATED	726 CF
P _e ACHIEVED	2.60 IN

CALCULATIONS

P_e=2.6" PER TABLE 5.3 OF THE MDE MANUAL CHAPTER 5.
 $R_v = .05 \times (.009)(100) = 0.95$
 $Q_e = P_e \times R_v = 2.6 \times 0.95 = 2.37$
 $ESD = (P_e)(A)(R_v) / 12 = 2.6 \times 3500 \times 0.95 / 12 = 720.4$

LANDSCAPE INFILTRATION DEVICE
 SURFACE AREA= 252 sq ft
 STORAGE AREA= 252X5X.4=504cf
 TEMPORARY STORAGE= 7"= 504X.58=292.32 cf
 TOTAL STORAGE=504+292.32=796.32
 ESD TO THE MEP IS MET

SWM COMPUTATIONS
 DRAINAGE AREA #1
 DRIVEWAY
 NON-STRUCTURAL PRACTICE
 DRAINAGE AREA
 PROPOSED IMPERVIOUS AREA
 0.33 ACRES
 0.33 ACRES
 DRIVEWAY TO BE TREATED VIA NON-ROOFTOP DISCONNECT SHEET FLOW TO LANDSCAPED AREA (LAWN) OVER 10' WITH A GRADE 5% OR LESS.

INV. AT HOUSE	394.9
GRD. AT INV. AT HOUSE	401.0
INV. IN TANK	393.9
INV. OUT TANK	393.6
TOP OF TANK	394.6
GROUND OVER TANK	397.0
INV. IN DIST. BOX	393.3
INV. OUT DIST. BOX	393.0
GROUND AT BOX	397.0

ADDRESS: 11263 INDEPENDENCE WAY
 ELLICOTT CITY, MD 21043

TYPE: WIMBLETON (COLONIAL)-
 WALKOUT BASEMENT
 ADD'L 1' TO HEIGHT OF BASEMENT
 OPTION No. 017
 OPTION No. 070

ESE Land Planning
 Engineering
 Land Surveying

ESE Consultants Inc.
 7164 Columbia Gateway Dr.
 Suite 203
 Columbia, MD 21046
 TEL: 410-872-9105
 FAX: 410-872-4870

DATE: 12/11/12 SCALE: 1"=40' FILE: LOT 57 PP
 CHK'D: MJB JOB#: 1214 DRAWN: MJB

GENERAL NOTES:

- THE LOT SHOWN HEREON WAS RECORDED ON MAY 2, 2006 AS PLAT NUMBER 18244. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
- THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF AT LEAST 10,000 SQ. FT. AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWER SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWAGE EASEMENT. ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN. RECORDATION OF A MODIFIED EASEMENT PLAT SHALL NOT BE NECESSARY.
- EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PRECONSTRUCTION INSPECTION.
- SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
- SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER F-05-069 AND G-07-067 AND SHALL COMPLY WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
- STORMWATER MANAGEMENT FOR THIS LOT AS SHOWN.
- THE EXISTING WELL (TAG NO. HO-95-0130) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY FISHER, COLLINS, & CARTER, INC. AND IS ACCURATELY SHOWN.
- TOPOGRAPHIC INFORMATION ESTABLISHED AT TWO FOOT INTERVALS BASED ON AERIAL TOPOGRAPHY PREPARED BY 201 LLC, DATED APRIL 2001 AND SUPPLEMENTED BY FIELD RUN TOPOGRAPHY PREPARED BY FISHER, COLLINS & CARTER, INC.

WELL AND SEPTIC NOTES:

TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF, THE FOLLOWING STATEMENTS ARE TRUE:

- ALL EXISTING WELLS, SEPTIC SYSTEMS AND SEWAGE DISPOSAL EASEMENTS WITHIN 100' OF THE PROPERTY BOUNDARIES HAVE BEEN SHOWN. ALL EXISTING AND PROPOSED WELLS THAT ARE LOCATED WITHIN 200 FEET DOWNGRADIENT OF ANY EXISTING OR PROPOSED SEPTIC SYSTEM AND SEWAGE DISPOSAL EASEMENTS HAVE BEEN SHOWN. THE ENGINEER HAS USED ALL EFFORTS TO FIND THE LOCATIONS OF ALL SURROUNDING WELLS AND SEPTIC SYSTEMS

THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTHS AND LOT AREA AS REQUIRED BY THE MARYLAND DEPARTMENT OF THE ENVIRONMENT AS SHOWN ON THE RECORD PLAT 18240 GENERAL NOTES ITEM 2.

ANY CHANGES TO A PRIVATE SEWAGE EASEMENT SHALL REQUIRE A REVISED PERCOLATION CERTIFICATION PLAN

THE SOIL TYPE FOR THIS LOT IS GD2,CB2 & CgB2.

SWM CONSTRUCTION AND MAINTENANCE NOTES:

- FINAL GRADING FOR LANDSCAPE INFILTRATION SHOULD NOT TAKE PLACE UNTIL SURROUNDING SITE IS STABILIZED.
- SUB SOIL SHALL NOT BE COMPACTED. EXCAVATION SHOULD BE CONDUCTED IN DRY CONDITIONS WITH EQUIPMENT LOCATED OUTSIDE OF THE PRACTICE TO MINIMIZE BOTTOM AND SIDEWALL COMPACTION.
- SEE APPENDIX B.4 OF THE MARYLAND STORMWATER MANAGEMENT DESIGN MANUAL FOR SAND, GRAVEL AND PLANTING MEDIA.
- INSPECTION SHALL BE MADE AT THE FOLLOWING STAGES:
 DURING EXCAVATION TO SUBGRADE
 DURING PLACEMENT OF BACKFILL AND OBSERVATION WELL
 DURING CONSTRUCTION FOR APPURTENANT CONVEYANCE STRUCTURES
 UPON COMPLETION OF FINAL GRADING AND ESTABLISHMENT OF PERMANENT STABILIZATION
- PRIVATELY OWNED PRACTICES SHALL HAVE A MAINTENANCE OKAN AND SHALL BE PROTECTED BY EASEMENT/DEED RESTRICTION, ORDINANCE OR OTHER LEGAL MEASURES PREVENTING ITS NEGLECT, ADVERSE ALTERATIONS, AND REMOVAL.
- DURING FIRST YEAR OF OPERATION, INSPECTION FREQUENCY SHOULD BE AFTER EVERY MAJOR STORM AND POORLY ESTABLISHED AREAS REVEGETATED.
- SEDIMENT ACCUMULATION ON THE SURFACE OF THE FACILITY SHOULD BE REMOVED AND THE TOP TWO TO THREE INCHES OF SURFACE LAYER REPLACED AS NEEDED.
- THE TOP FEW INCHES OF THE PLANTING SOIL SHOULD BE REMOVED AND REPLACED WHEN WATER PONDS FOR MORE THAN 48 HOURS OR THERE IS ALGAL GROWTH ON THE SURFACE OF THE FACILITY.
- IF STANDING WATER PERSISTS AFTER FILTER MEDIA HAS BEEN MAINTAINED, THE GRAVEL/SOIL AND SAND MAY NEED TO BE CLEANED AND/OR REPLACED.
- OCCASIONAL PRUNING AND REPLACEMENT OF DEAD VEGETATION IS NECESSARY. IF SPECIFIC PLANTS ARE NOT SURVIVING, MORE APPROPRIATE SPECIES SHOULD BE USED. WATERING MAY BE REQUIRED DURING PROLONGED DRY PERIODS.

THE PURPOSE OF THIS PLAN IS TO REVISE THE SEPTIC RESERVE AREA OF A PREVIOUSLY APPROVED PLOT PLAN TO CREATE ADDITIONAL USABLE AREA IN THE BACK YARD AND DESIGN ESD TO THE MEP.

APPROVED: FOR HOWARD COUNTY DEPARTMENT OF PLANNING & ZONING

CHIEF, DEVELOPMENT ENGINEERING DIVISION

DIRECTOR

DATE

DATE

PERMIT PLOT PLAN
 SWM LANDSCAPE INFILTRATION DESIGN

LOT #57
 HOMECROSSING

D.B. 9808, PG. 204
 PLAT No. 18244
 THIRD ELECTION DISTRICT
 HOWARD COUNTY

