

HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

3430 Courthouse Drive

Ellicott City, Maryland 21043

410-313-2350

Voice/Relay

Valdis Lazdins, Director

FAX 410-313-3467

TECHNICAL STAFF REPORT THE WOODLANDS

Planning Board Hearing of October 5, 2017

File No./Petitioner: PB-431, Dosa Clarksville, LLC

Project Name: The Woodlands, Lots 1-8 and Buildable Preservation Parcel A, and Non-

Buildable Preservations B and C (SP-16-008)

<u>DPZ Planner:</u> Brenda Luber, (410) 313-4343, BLuber@howardcountymd.gov

Request: To approve Preliminary Equivalent Sketch Plan (SP-16-008) for a 21.21 acre, eight

building lot, one buildable parcel and two non-buildable parcel subdivision, and site improvements. The property is zoned "RC-DEO" (Rural Conservation – Density Exchange Option) and is in the Tier III Growth Area; therefore, it is subject to Maryland Senate Bill 236, "The Sustainable Growth and Agricultural Preservation Act

of 2012."

Location: The property (Tax Map 34, Grid 23, Lot 2, Parcel 15, in the Fifth Election District of

Howard County, Maryland) is accessed via Chamblis Drive.

DPZ Recommendation: Approval, subject to complying with any Planning Board conditions.



Vicinal Properties:

Surrounding properties are zoned RC-DEO and designated Tier IV. They include:

North – A 342-acre parcel encumbered with an Agricultural Land Preservation Easement.

East and South – A 99+ acre parcel encumbered with an Agricultural Land Preservation Easement (part of the Glen Mary Estates Subdivision).

West – Residential lots (part of Broadwater Estates).

Legal Notice:

The property was properly posted and verified by DPZ in accordance with the legal requirements.

Regulatory Compliance:

The Amended Fifth Edition of the Subdivision and Land Development Regulations, the Zoning Regulations (effective October 6, 2013) and Zoning Map, the Howard County Design Manual, the Adequate Public Facilities Ordinance, the Forest Conservation Manual, and the Landscape Manual all apply.

History:

- F-83-114, Final Plan Recorded on July 6, 1983, for two residential lots.
- ECP-15-032, Environmental Concept Plan Submitted April 17, 2015, for the eight building lots and one buildable preservation parcel and 2 non-buildable preservation parcels subdivision. The plan was approved on February 26, 2016.
- WP-16-017, Alternative Compliance Petition Approved on December 2, 2015, to allow a forest conservation easement on Buildable Preservation Parcel A, to allow the well on Lot 3 to be located 10 feet from an agricultural preservation easement and to allow removing 18 specimen trees.

Analysis:

Site Improvements – A new public road cul-de-sac Dosa Court will serve eight single family lots, a buildable preservation parcel and two non-buildable preservation parcels. Buildable Preservation Parcel A will contain a forest conservation easement and storm water management facilities. Non-Buildable Preservation Parcel B will contain the environmental features and storm water management devices. Non-Buildable Preservation Parcel C will contain a storm water management device. Lots 1-8 will contain storm water management devices. There are no existing structures.

Setbacks – The proposed development complies with all setback requirements for the "RC" zoning district.

Storm Water Management (SWM) - Storm water management is achieved through a combination of non-rooftop disconnects, sheet flow to grass swales, and microbioretention devices, in accordance with the 2010 Stormwater Management Act and the MDE Stormwater Design Manual.

Environmental Considerations – The property contains a perennial stream, area of wetlands, wetland buffers, stream buffer, and erodible soils. The subdivision layout does not impact the wetlands, stream, wetland buffer or stream buffer. Forest resources are located on the property.

Landscaping - Landscaping complies with the Howard County Landscape Manual and Design Criteria. Perimeter landscaping is being provided through credits for maintaining existing vegetation and providing additional landscaping along the property boundary, where vegetation currently does not exist.

Forest Conservation - The forest conservation obligation will be satisfied by eight

acres of on-site of forest retention and one acre of off-site planting.

Adequate Public Facilities - Allocations in the Rural West Allocation Area are currently available, but will not be finalized until the project has been approved by the Planning Board and the Decision and Order has been executed.

Adequate Road Facilities - This plan complies with acceptable levels of service established by Adequate Road Facilities requirements. The APFO traffic study for this project was approved on April 10, 2017, by the Departments of Public Works and Planning and Zoning.

Development Criteria - This plan complies with the Howard County Subdivision and Land Development Regulations and the October 6, 2013, Howard County Zoning Ordinance.

Planning Board Criteria:

The Subdivision Plan complies with the below criteria requirements of Maryland Senate Bill 236, "The Sustainable Growth and Agricultural Preservation Act of 2012":

1. The cost of providing local governmental services to the residential major subdivision unless a local jurisdiction's Adequate Public Facilities Ordinance already requires a review of government services.

Howard County has an Adequate Public Facilities ordinance; therefore, this requirement has been met.

2. The potential environmental issues or a natural resources inventory related to the proposed residential major subdivision.

There are no environmental issues or impacts as the environmental features and buffers on the property will not be disturbed.

SRC Action:

The SRC determined the Preliminary Equivalent Sketch Plan can be approved.

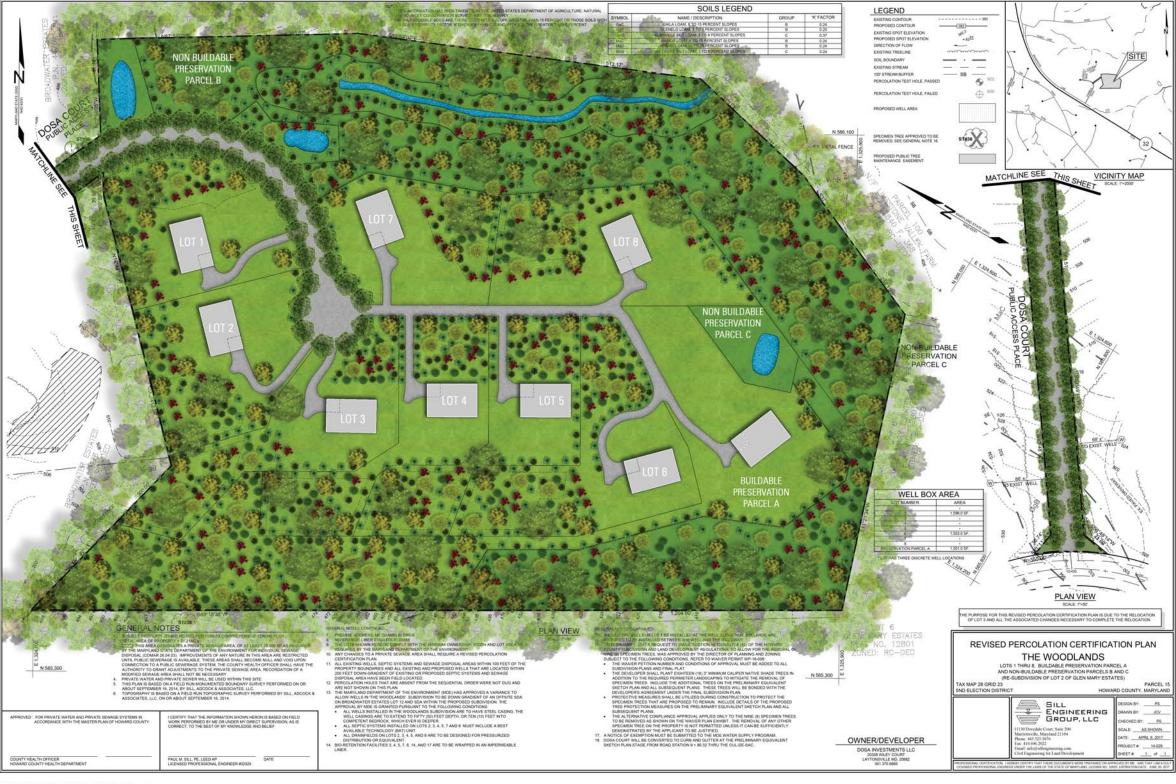
Recommendation:

The Department of Planning and Zoning recommends approval of Preliminary Equivalent Sketch Plan (SP-16-008), and any conditions imposed by the Planning Board.

Department of Planning and Zoning

9/18/17

Please note that this file is available for public review by appointment at the Department of Planning and Zoning's public service counter, Monday through Friday, 8:00 a.m. to 5:00 p.m.



GENERAL NOTES

- ROPERTY ZONED RC-DEO PER 10/08/13 COMPREH ADDRESS: CHAMBLIS DRIVE, CLARKSVILLE 21029

- PROPOSED NUMBER OF LOTS = 8 |
 PROPOSED MARE OF LOTS = 9 |
 PROPOSED NUMBER OF BUILDABLE PRESENTION PROCES = 4 |
 PROPOSED NUMBER OF NON-BUILDABLE PRESENTATION PRACES = 2 |
 PROPOSED MARE OF NON-BUILDABLE PRESENTATION PRACES = 5 |
 PROPOSED MARE OF NON-BUILDABLE PRESENTATION PRACES = 5 |
 PROPOSED MARE OF NON-BUILDABLE PRESENTATION PRACES = 5 |
 PROPOSED MARE OF NON-BUILDABLE PRESENTATION PRACES = 5 |
 PROPOSED MARE OF NON-BUILDABLE PRESENTATION PRACES = 5 |
 PROPOSED MARE OF NON-BUILDABLE PRESENTATION PRACES = 5 |
 PROPOSED MARE OF NON-BUILDABLE PRESENTATION PRACES = 5 |
 PROPOSED MARE OF NON-BUILDABLE PRESENTATION PRACES = 5 |
 PROPOSED MARE OF NON-BUILDABLE PRESENTATION PRACES = 5 |
 PROPOSED MARE OF NON-BUILDABLE PROPOSED
- 12. THE BOUNDARY SHOWN HEREON IS BASED ON A FIELD RUN BOUNDARY SURVEY PREPARED BY ADCOCK & ASSOCIATES,
- 12. THE BOUNDARY SHOWN HERDEN IS BASED ON A FIELD RUN BOUNDARY SURVEY PREPARED BY ADDOOK A ASSOCIATE. LC. ON SEPTEMBER 16, 2014. THE LEGISLATION OF THE STATE OF

- THE LITES ARE LOCATED SEPTIC SYSTEMS AND SERVICE ENDOWNERS FOR LOCATED OF THE DESIGNATION OF THE MARKET AND SERVICE AND SERVIC

- USED FOR THIS PROJECT.

 23. NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN NO GOODING, REDINGLAD CYBEG LIVING CUYDE OF INEES, PAVING AND REW STRUCTURES SHIPLE BE PERMIT IN UNITED HITTER THE LIMITS OF WHETLANDS, STREMS, ON THEIR REQUIRED DUFFERS, RECORDAIN AND FOREST CORRESPONDED OF EASERING HER AREAS, DILESS ALTERNATIVE COMPUNICE HAVE BEEN APPROVED OR ACTIVITIES HAVE BEEN DETERMINED ESSENTIAL BY THE DEPRIMENT OF A PERMIT OF THE PARTIES OF THE PARTIES OF THE PARTIES HAVE BEEN DETERMINED FOREST CONTROL OF THE PARTIES OF A FEW ALLEQUE OF THE PARTIES OF THE TRANSFERRING THE GOLDSTAND OF THE PARTIES OF T
- BE FULFILLED BY THE PAYMENT OF A FEEN-NLEU, OFF-SITE PLANTING OF TRANSPERMING THE MANUFACTURE OF THE MANUFAC

- 1. THE MAJOR SUBDIVISION WAS BUT IS NO LONGER GRANDFATHERED TO 88-28. "THE MARYLAND SUSTAINABLE GROWTH AND AGRICULTURAL PRESERVATION ACT OF 2012" AND IS LOCATED IN THE GROWTH THER AREA III. THEREFORE, THIS PLAN WILL GO BEFORE THE PLANNING BOARD.

 2. ON DECEMBER OZ, 2016 A REQUEST TO WAIVE SECTION 161 20(b)(4)(iii): TO ALLOW A FOREST CONSERVATION EASEMENT
- WHEN THE WITH A REQUEST TO WANT SECTION 16 120(14)(6)(6) TO ALLOW A FOREST CONSERVATION ASSESSMENT
 ON BILLIAMSE REPRESENTATION PAGES. I. SECTION 16 120(14)(6)(6) TO ALLOW THE WITH CALLO THE TO BE LOCATED THE 1(10)
 FEET FROM AN AGRICULTURAL PRESERVATION ASSESSMENT SECTION 16 120(5)(6)(7) A 1(10) OF THE HOWARD COUNTY
 SERBINISHON AND AND DEVELOPMENT REGULIATION, TO ALLOW FOR THE REBROAVA OF EIGHTERE III, 98 SECURISM TREES,
 WAS APPROVED BY THE DIRECTION OF PLANNING AND ZONING SUBJECT TO THE FOLLOWING CONDITIONS, REFER TO
- ER PENDIT WP-16-017:
 COMPLIANCE WITH THE SUBDIVISION REVIEW COMMITTEE COMMENTS.
 THE WAIVER PETITION NUMBER AND CONDITIONS OF APPROVAL MUST BE ADDED TO ALL SUBDIVISION PLANS AND
- FIALL PLAT.

 THE EVELOPES HALL PLANT EIGHTEEN (18) 3" MINIMUM CALIFER NATIVE SHADE TREES IN ADDITION TO THE REQUIRED PERMIETER LANDSCAPING TO MITIEST THE REMOVAL OF SECURISH TREES. INCLUDE THE ADDITIONAL TREES ON THE PERMIMMAY EQUIVALENT SKETCH PLAN AND ALL SUBSEQUENT PLANS. THESE TREES WILL BE BONGED WITH THE DEVELOPER'S AGREEMENT LINDER THE FINAL SUBDIVISION PLAN.

 THE HOUSE ON BUILD DATE PRESENVIND PARCEL I MAST SE ELOCATED TO DETERMENT HE EDGE OF FOREST.

- THE HOUSE ON BUILDABLE PRESERVATION PARCEL. Y MUST BE LOCATED 109 FEET FROM THE EDGE OF FOREST TO CONSERVATIONS ASSESSMENT. BUILDED RUSHNO CONSTRUCTION TO PROTECT THE SPECIAMS THESE THAT PRESE THAT PRESENT ASSESSMENT ASS
- FUNDING UP PROPOSED FOREST CONSERVATION ASSEMBNT ASEA BY TO BE A MINIMUM OF 100 FEET FROM THE SIDE PROPERTY LUD OF LOT 3.

 THE WANDER AND EXHIPT. THE REMOVAL OF ANY OTHER HIGH SPECIMENT TREES TO BE REMOVED AS SHOWN ON THE WANDER PLAN EXHIPT. THE REMOVAL OF ANY OTHER SPECIMENT TREE OF THE PROPERTY IS NOT PERMITTED LULIEST TO AN BE SUFFICIENTLY DEMONSTRATED BY THE APPLICANT TO BE JUSTIFIED. AND SETEMACK SHALL BE PROVIDED AND MAINTAINER FORM THE FOREST CONSERVATION EASEMENT LOCATED ON AND SETEMACK SHALL BE PROVIDED AND MAINTAINER FORM THE FOREST CONSERVATION EASEMENT LOCATED ON THE PROPERTY OF THE PROVIDED AND MAINTAINER FORM THE FOREST CONSERVATION EASEMENT LOCATED ON THE PROPERTY OF THE PROVIDED AND MAINTAINER FORM THE FOREST CONSERVATION EASEMENT LOCATED ON THE PROPERTY OF THE PROVIDED AND THE PROPERTY OF THE P
- A39 SETBACK SHALL BE PROVIDED AND MAINTAINED FROM THE FOREST LAMBER AND AND THE PRESENTATION FACELY.

 THE DEVELOPER SHALL BE AND MEET THAT FOREST CONSERVATION BE SELECTED THAT ARE ETHER ON OR
 THE DEVELOPER TO PROVIDE ADDITIONAL EDUCATION AND ORD RANGERS BUSINESS THE DEVELOPER TO PROVIDE ADDITIONAL EDUCATION AND ORD RANGERS BUSINES SHAT FROM FERCING OR ADDITIONAL BUSINESS AND AND SHAT RECENSION OR ADDITIONAL PROVIDED TO PROVIDE ADDITIONAL EDUCATION AND PROVIDED TO PROVIDE ADDITIONAL PROVIDED TO PROVIDE ADDITIONAL PROVIDED TO PROVIDE TO PROVIDE TO PROVIDE ADDITIONAL PROVIDED TO PROVIDE TO PROVIDE TO PROVIDE ADDITIONAL PROVIDED TO PROVIDE TO PROVIDE THE PROVIDED TO PROVIDE ADDITIONAL PROVIDED TO PROVIDE TO PROVIDE THE PROVIDED TO PROVIDE THE PROVIDED TO PROVIDE THE PROVIDED THE PROVIDED TO PROVIDE THE PROVIDED THE PROVIDED

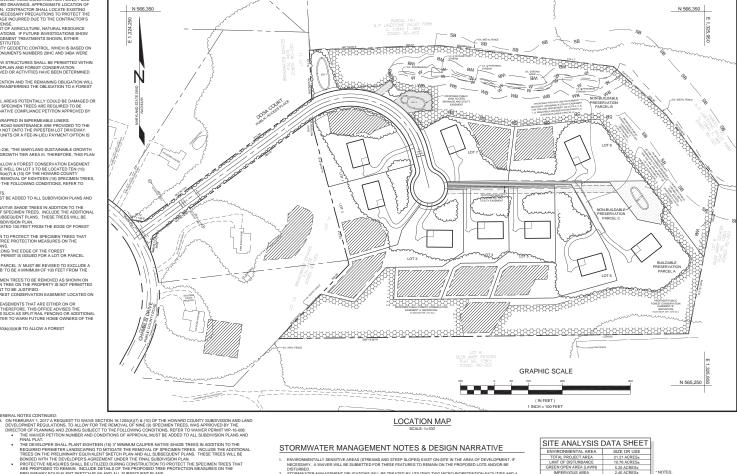
APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS IN ACCORDANCE WITH THE MASTER PLAN OF HOWARD COUN

HOWARD COUNTY HEALTH DEPARTMENT

DI ANNING DIDECTOR

PRELIMINARY EQUIVALENT SKETCH PLAN THE WOODLANDS

LOTS 1 THRU 8, BUILDABLE PRESERVATION PARCEL A AND NON-BUILDABLE PRESERVATION PARCELS B & C (RE-SUBDIVISION OF LOT 2 OF GLEN MARY ESTATES) HOWARD COUNTY, MARYLAND



LOCATION MAP

STORMWATER MANAGEMENT NOTES & DESIGN NARRATIVE

- . ENVIRONMENTALLY SENSITIVE AREAS (STREAMS AND STEEP SLOPES) EXIST ON-SITE IN THE AREA OF DEVELOPMENT. IF
- THE STANDARD OF THE PROPERTY O

MINIMUM LOT SIZE CHART

BUILD PRES. PARCEL A 4.86± 0.03353± 4.86±/ 211,701.6 Si

- PERVIOUS AREAS FOR TREATMENT.

 6. THERE ARE MUTTLEP PROPOSED "ON-SITE" FOREST CONSERVATIONAFFORESTATION AREAS CREATED TO SATISFY THE FOREST CONSERVATION REQUIREMENTS FOR THIS DEVELOPMENT.

 7. THE REQUIREM PO FOR THE SITE (I.F. I MAS BEEN TREATMENT HOROUGH THE USE OF BIORETENTION, MICRO-BIORETENTION AND MON ROOFTOP DISCONNECTS. SEDIMENT CONTROL WILL BE PROVIDED BY SLIT FENCE, SUPER SLIT FENCE, INLET PROTECTION AND CLARA WANTE BERTHOUGH. TO STRUCTURAL BURNEY OR SERMINATE BARNE ARE EXCIPED.

- PRO 16.1 THE SHOODSEPAN AND COLOR TO THE STATE OF THE ST THIS PROPERTY IS LOCATED IN GROWTH TIER AREA III.
- 7. THIS PROPERTY IS LICATED IN GROWTH TER AREA III
 A. PRE-SUBMISSION COMMANITY MERETIN WAS HELD ON MARCH 22, 2015.
 INON-BULLDREEP RESERVATION PARCEL BY WILL BE DEDICATED TO THE HOA ONCE IT IS ESTABLISHED, AND BUILDABLE
 PARCEL A WILL BE PRIVATE RESDECKE, WITH FOREST CORRESPANTION EASEBURST AND ALL OTHER USES AS ALLOWED
 PARCEL AN USE PRIVATE RESDECKE, WITH FOREST CORRESPANTION CAREBURST AND ALL OTHER USES AS ALLOWED
 BE DEDICATED TO THE HOA ONCE IT IS ESTABLISHED AND WILL BE UTILIZED FOR A SYML TREATMENT FACULTY.
 APPROXIMATELY SIS UILEAR FEET FOR CUSE AND OUTER HAS BEED ADOED TOOSA COURT AT AND HEART THE
 CULL DES AGE TO ELIMINATE THE SWILLE ALONG SIDE OF THE ROAD AT THIS LOCATION DUE TO THE PROPOSED WELL
 LOCATIONS IN THIS ARCH.
- A NOTICE OF EXEMPTION MUST BE SUBMITTED TO THE MDE WATER SUPPLY PROGRAM.

ENVIRONMENTAL AREA SIZE OR USE WETLAND BUFFERS FLOODPLAINS FLOODPLAIN BUFFERS EXISTING FOREST OPES GREATER THAN 15% *

SITE ANALYSIS DATA SHEET

UNITED STATES DEPARTMENT OF AGRICULTURE NATURAL RESOURCES CONSERVATION SERVICE

WEB SOIL SURVEY.
HIGHLY ERODIBLE SOILS ARE THOSE SOILS WITH A
SLOPE GREATER THAN 15 PERCENT OR THOSE
SOILS WITH A SOIL ERODIBILITY FACTOR 'K'

SOILS LEGEND				
SYMBOL	NAME / DESCRIPTION	GROUP	'K' FACTOR	
GaC	GAILA LOAM, 8 TO 15 PERCENT SLOPES	В	0.24	
GgB	GLENELG LOAM, 3 TO 8 PERCENT SLOPES	В	0.20	
GmB	GLENVILLE SILT LOAM, 3 TO 8 PERCENT SLOPES	С	0.37	
MaC	MANOR LOAM, 8 TO 15 PERCENT SLOPES	В	0.24	
MaD	MANOR LOAM, 15 TO 25 PERCENT SLOPES	В	0.24	
WhB	WILTSHIRE SILT LOAM, 3 TO 8 PERCENT SLOPES	С	0.24	

NOTES

1) SOIL INFORMATION HAS BEEN TAKEN FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE. NATURAL
RESQURESS CONSERVATION SERVICE: WER SOIL SURVEY SOILS GIRD 12, SUB-GIRD 202.
2) HIGHLY ERODINE SOILS ARE HOUSE SOILS WITH A LODGE GRATER THAN 19 FROEMT OF THOSE SOILS WITH
A SOIL ERODIBILITY FACTOR N: GREATER THAN 0.30 AND WITH A SLOPE GREATER THAN 5 PERCENT.

LEGEND EXISTING CONTOUR EXISTING SPOT ELEVATION PROPOSED SPOT ELEVATION DIRECTION OF FLOW EXISTING TREELINE

SOIL BOLINDARY EXISTING STREAM 100' STREAM BUFFER

PROPOSED WELL AREA

VICINITY MAP

BENCHMARKS				
NUMBER	NORTHING	EASTING	ELEVATION	DESCRIPTION
28HC	565,351.762	1,332,102.463	552.207	S SIDE OF ROUTE 32, 0.2 MILES W OF EXIT 20 SIGN, +/- 320' E OF GUARD RAIL
34BA	563,852.491	1,324,672.167	450.048	2.5' N OF EDGE OF PAVEMENT OF ROUTE 32, 13.3' SE OF EXIT 20 SIGN
13.3' SE OF EXIT 20 SIGN				

STORMWATER MANAGEMENT DESIGN DATA					
DA#	DESCRIPTION	REQUIRED	ESDV PROMPED	CODE	BMP TREATMENT TYPE
A	P/O OF PUBLIC ROAD	2,414 CF	2,446 CF	F-6	BIORETENTION FACILITY 1
В	P/O OF PUBLIC ROAD	827 CF	865 CF	M - 6	MICRO-BIORETENTION FACILITY 2
С	USE-IN-COMMON DRIVEWAY	1,448 CF	1,543 CF	M - 6	MICRO-BIORETENTION FACILITY 3
D	HOUSE - LOT 1	167 CF	191 CF	M - 6	MICRO-BIORETENTION FACILITY 4
E	HOUSE - LOT 1	167 CF	191 CF	M - 6	MICRO-BIORETENTION FACILITY 5
F	HOUSE - LOT 2	167 CF	191 CF	M - 6	MICRO-BIORETENTION FACILITY 6
G	HOUSE - LOT 2	203 CF	279 CF	M - 6	MICRO-BIORETENTION FACILITY 7
н	HOUSE - LOT 3	200 CF	203 CF	M - 6	MICRO-BIORETENTION FACILITY 8
- 1	HOUSE - LOT 3	167 CF	192 CF	M - 6	MICRO-BIORETENTION FACILITY 9
J	HOUSE - LOT 4	373 CF	387 CF	M - 6	MICRO-BIORETENTION FACILITY 10
K	HOUSE - LOT 5	373 CF	387 CF	M - 6	MICRO-BIORETENTION FACILITY 11
L	HOUSE -LOT 6	373 CF	387 CF	M - 6	MICRO-BIORETENTION FACILITY 12
M	YARD -LOT 7	209 CF	220 CF	M - 6	MICRO-BIORETENTION FACILITY 13
N	HOUSE - LOT 7	373 CF	387 CF	M - 6	MICRO-BIORETENTION FACILITY 14
0	HOUSE- LOT 8	373 CF	387 CF	M - 6	MICRO-BIORETENTION FACILITY 15
Р	HOUSE - PARCEL A	373 CF	387 CF	M - 6	MICRO-BIORETENTION FACILITY 16

HOUSE SIZE IS BASED ON A 3,750 SF FOOTPRINT.

DENSITY TABULATION CHART		
TOTAL PARCEL COMPUTED ACREAGE	21.21 AC.	
MAXIMUM DENSITY	21.21 AC./2 = 10 UNITS	
TOTAL BASE DENSITY UNITS ALLOWED	21.21 AC./4.25 = 4 UNITS	
TOTAL BUILDABLE LOTS/PARCELS	9	
TOTAL CEO SENDING UNITS REQUIRED	5 UNITS	
SENDING PARCEL INFORMATION	TO BE DETERMINED AT A LATER PLAN STAGE	

	SHEET INDEX
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	PRELIMINARY ROAD PLAN AND PROFILE
3	PRELIMINARY GRADING, SEDIMENT AND EROSION CONTROL PLAN
4	PRELIMINARY GRADING, SEDIMENT AND EROSION CONTROL PLAN
5	PRELIMINARY STORMWATER MANAGEMENT DRAINAGE AREA MAP
6	PRELIMINARY STORMWATER MANAGEMENT DRAINAGE AREA MAP
7	PRELIMINARY STORM DRAIN DRAINAGE AREA MAP
8	PRELIMINARY STORM DRAIN DRAINAGE AREA MAP
9	PRELIMINARY LANDSCAPE AND FOREST CONSERVATION PLAN
10	PRELIMINARY LANDSCAPE AND FOREST CONSERVATION PLAN

OWNER/DEVELOPER

DOSA CLARKSVILLE LLC

COVER SHEET

THE WOODLANDS

LOTS 1 THRU 8, BUILDABLE PRESERVATION PARCEL A AND NON-BUILDABLE PRESERVATION PARCELS B AND C (RE-SUBDIVISION OF LOT 2 OF GLEN MARY ESTATES)

FAX MAP 34 GRID 23 PARCEL 15



ECKED BY: PS CALE: AS SHOWN DATE: APRIL 13, 2017 tOJECT#: 14-029 SHEET#: 1 of 1

