	STORMWA	TER MAN	NAGEMENT SUMMARY
AREA ID.	ESDv REQUIRED CU.FT.	ESDv PROMDED CU.FT.	REMARKS
SITE	1,400	1,439	ROOFTOP DISCONNECTION (N-1) & NON-ROOFTOP DISCONNECTION (N-2)
TOTAL	1,400	1,439	

GROSS AREA = 7.44 ACRESLOD = 2.19 ACRES (COMPUTATIONS BASED ON LOD)

TARGET Pe = 1.0"

ESDV PROVIDED = 318 + 1,017 = 104 = 1,439 CU.FT.

- 318 CU.FT. BY ROOFTOP DISCONNECTION

- 1,017 CU.FT. BY NON-ROOFTOP DISCONNECTION

104 CU.FT. BY GRASS AREA (DISCONNECTION)

* NOTE: A 4 FOOT PORTION OF EXISTING DRIVEWAY IS BEING TREATED TO PROVIDE

FOREST PROTECTION GENERAL NOTES

ALL FOREST RETENTION AREAS SHALL BE TEMPORARILY PROTECTED BY WELL ANCHORED BLAZE ORANGE PLASTIC MESH FENCING, AS NECESSARY, AND SIGNAGE AS INDICATED ON THE PLANS. THE DEVICES SHALL BE INSTALLED ALONG THE FOREST RETENTION BOUNDARY PRIOR TO ANY LAND CLEARING, GRUBBING, OR GRADING ACTIVITIES.

- THE FOREST PROTECTION DEVICES SHALL BE INSTALLED SUCH THAT THE CRITICAL ROOT ZONES OF ALL TREES WITHIN THE RETENTION AREA NOT OTHERWISE PROTECTED WILL BE WITHIN FOREST PROTECTION DEVICES, UNLESS ROOT PRUNING IS PROPOSED.
- ALL PROTECTION DEVICES SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION, INCLUDING SILT FENCE BEING USED AS PROTECTIVE FENCING. ALL DEVICES SHALL REMAIN IN PLACE UNTIL ALL CONSTRUCTION HAS CEASED IN THE IMMEDIATE VICINITY.
- ATTACHMENT OF SIGNS, OR ANY OTHER OBJECTS TO TREES IS PROHIBITED. NO EQUIPMENT, MACHINERY, VEHICLES, MATERIALS OR EXCESSIVE PEDESTRIAN TRAFFIC SHALL BE ALLOWED WITHIN
- INSTALLATION AND MAINTENANCE OF PROTECTIVE FENCING AND SIGNAGE SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR SHALL TAKE THE UTMOST CARE TO PROTECT TREE ROOT SYSTEMS DURING ALL CONSTRUCTION ACTIVITIES. TREE ROOT SYSTEMS SHALL BE PROTECTED FROM SMOTHERING, FLOODING, EXCESSIVE WETTING FROM DE-WATERING OPERATIONS, OFF-SITE RUN OFF, SPILLAGE AND DRAINING OF MATERIALS THAT MAY BE HARMFUL TO
- THE GENERAL CONTRACTOR SHALL PREVENT PARKING OF CONSTRUCTION VEHICLES AND EQUIPMENT, AND THE STORING OF BUILDING SUPPLIES OR STOCKPILING OF EARTH WITHIN FOREST CONSERVATION
- REMOVAL OF TOPSOIL OR ROOT MAT WITHIN THE TREE PRESERVATION AREA SHALL BE PROHIBITED. THE GENERAL CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY TREES DAMAGED OR DESTROYED WITHIN THE FOREST CONSERVATION EASEMENTS.
- 9. ROOT PRUNING SHALL BE USED AT THE LIMIT OF DISTURBANCE OR LIMIT OF GRADING WITHIN AND ADJACENT TO ALL PRESERVATION AREAS, AS NECESSARY.

PRE-CONSTRUCTION MEETING

- AFTER THE BOUNDARIES OF THE FOREST RETENTION AREAS HAVE BEEN FIELD LOCATED AND MARKED. AND AFTER THE FOREST PROTECTION DEVICES HAVE BEEN INSTALLED, BU BEFORE ANY OTHER DISTURBANCE HAS TAKEN PLACE ON SITE, A PRE-CONSTRUCTION MEETING SHALL TAKE PLACE ON SITE. THE DEVELOPER, CONTRACTOR OR PROJECT MANAGER, AND HOWARD COUNTY INSPECTORS SHALL ATTEND. THE PURPOSE OF THIS
- A. TO IDENTIFY THE LOCATIONS OF THE FOREST RETENTION AREAS, SPECIMEN TREES WITHIN 50 FEET OF THE LIMIT OF DISTURBANCE, LIMITS OF CONSTRUCTION, EMPLOYEE PARKING AREAS AND EQUIPMENT STAGING AREAS; B. INSPECT ALL FLAGGED BOUNDARIES AND PROTECTION DEVICES;
- C. MAKE ALL NECESSARY ADJUSTMENTS: D. ASSIGN RESPONSIBILITIES AS APPROPRIATE AND DISCUSS PENALTIES.

CONSTRUCTION MONITORING

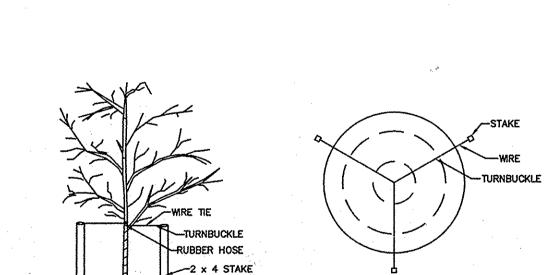
PROFESSIONAL ARRORIST

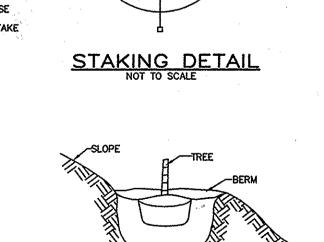
BASIC SITE DATA:

- THE SITE SHALL BE INSPECTED PERIODICALLY DURING THE CONSTRUCTION PHASE OF THE PROJECT, A QUALIFIED PROFESSIONAL SHALL BE RESPONSIBLE FOR IDENTIFYING DAMAGE TO PROTECTED FOREST AREAS OR INDIVIDUAL TREES WHICH MAY HAVE BEEN CAUSED BY CONSTRUCTION ACTIVITIES, SUCH AS SOIL COMPACTION, ROOT INJURY, TRUNK WOUNDS, LIMB INJURY, OR STRESS CAUSED BY FLOODING OR DROUGHT CONDITIONS.
- ANY SUCH DAMAGE THAT MAY OCCUR SHALL BE REMEDIED IMMEDIATELY USING APPROPRIATE MEASURES. SEVERE PROBLEMS MAY REQUIRE CONSULTATION WITH A
- THE CONSTRUCTION PROCEDURE SHALL NOT DAMAGE AREAS OUTSIDE OF THE LIMITS OF DISTURBANCE AS DESIGNATED ON THE PLANS. ANY DAMAGE SHALL BE RESTORED BY THE CONTRACTOR AT HIS EXPENSE AND TO THE SATISFACTION OF THE DESIGN TEAM OR

FOREST CONSERVATION WORKSHEET VERSION 1.0

D7.010 0.12 0.11.					
A. TOTAL TRACT	AREA			·····=	47 67
B. AREA WITHIN A	AGRICULTURAL USE	OR EXEMPT BY	INTRAFAMILY TR	ANSFER=	10.07
C. NET TRACT AF	EA		=		3.38
			. '		
	ORY: (from table 3		ianuai)		
ARA MDR	IDA HDR MP	D CIA			
×	•				
INFORMATION FOR		* *			
D AFFORESTATIO	N THRESHOLD		$0.20\% \times D =$		0.68
E COPECT CONE	RVATION THRESHOL	D	0.25% x D		0.85
		D	V.20% X D —		
EXISTING FOREST			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		_
F. EXISTING FORE	ST COVER WITHIN N	IET TRACT AREA	٠٠٠٠٠٠٠٠٠ ا	=	
G AREA OF FOR	EST ABOVE CONSER	VATION THRESH	OLD:	=	0
BREAK EVEN POIN H. FOREST RETEN	IT: ITION ABOVE THRES	HOLD WITH NO	MITIGATION	·····	0
BREAK EVEN POIN H. FOREST RETEN I. CLEARING PERM	IT: ITION ABOVE THRES MITTED WITHOUT MIT	HOLD WITH NO	MITIGATION	·····	0
BREAK EVEN POIN H. FOREST RETEN	IT: ITION ABOVE THRES MITTED WITHOUT MIT	HOLD WITH NO	MITIGATION	·····	0
BREAK EVEN POIN H. FOREST RETEN I. CLEARING PERM PROPOSED FORES	IT: ITION ABOVE THRES MITTED WITHOUT MIT ST CLEARING:	HOLD WITH NO	MITIGATION	=	0
BREAK EVEN POIN H. FOREST RETEN I. CLEARING PERM PROPOSED FORES J. TOTAL AREA C	IT: ITION ABOVE THRES AITTED WITHOUT MIT ST CLEARING: OF FOREST TO BE O	HOLD WITH NO IGATION	MITIGATION	=	0
BREAK EVEN POIN H. FOREST RETEN I. CLEARING PERM PROPOSED FORES J. TOTAL AREA C	IT: ITION ABOVE THRES MITTED WITHOUT MIT ST CLEARING:	HOLD WITH NO IGATION	MITIGATION	=	0
BREAK EVEN POIN H. FOREST RETEN I. CLEARING PERM PROPOSED FORES J. TOTAL AREA (K. TOTAL AREA (IT: ITION ABOVE THRES MITTED WITHOUT MIT ST CLEARING: OF FOREST TO BE CO	HOLD WITH NO IGATION	MITIGATION	=	0
BREAK EVEN POIN H. FOREST RETEN I. CLEARING PERM PROPOSED FORES J. TOTAL AREA (K. TOTAL AREA (PLANTING REQUIF	IT: ITION ABOVE THRES MITTED WITHOUT MIT ST CLEARING: OF FOREST TO BE CO OF FOREST TO BE REPORTS:	HOLD WITH NO IGATION	MITIGATION	= = =	0 0
BREAK EVEN POIN H. FOREST RETEN I. CLEARING PERM PROPOSED FORES J. TOTAL AREA C K. TOTAL AREA C PLANTING REQUIF	IT: ITION ABOVE THRES ITTON MITHOUT MIT IT CLEARING: OF FOREST TO BE OF REMENTS: N FOR CLEARING ALL ITEMS	HOLD WITH NO IGATION ELEARED RETAINED	MITIGATION	=	0 0 0 0
BREAK EVEN POIN H. FOREST RETEN I. CLEARING PERM PROPOSED FORES J. TOTAL AREA C K. TOTAL AREA C PLANTING REQUIF L. REFORESTATIO M. REFORESTATIO	IT: ITION ABOVE THRES ITTON ABOVE THRES ITTON WITHOUT MIT OF FOREST TO BE OF REMENTS: N FOR CLEARING BIN FOR CLEARING B	HOLD WITH NO IGATION ELEARED RETAINED	MITIGATION	= = =)	0 0 0 0 0
BREAK EVEN POIN H. FOREST RETEN I. CLEARING PERM PROPOSED FORES J. TOTAL AREA C K. TOTAL AREA C PLANTING REQUIF L. REFORESTATIO M. REFORESTATIO N. CREDIT FOR R	IT: ITION ABOVE THRES ITTON ABOVE THRES ITTO WITHOUT MIT OF FOREST TO BE OF REMENTS: N FOR CLEARING BI IN FOR CLEARING BI	HOLD WITH NO IGATION ELEARED ETAINED BOVE CONSERVA ELOW CONSERVA ONSERVATION TI	MITIGATION	= =)	0 0 0 0 0
BREAK EVEN POIN H. FOREST RETEN I. CLEARING PERM PROPOSED FORES J. TOTAL AREA C K. TOTAL AREA C PLANTING REQUIF L. REFORESTATIO M. REFORESTATIO N. CREDIT FOR R P. TOTAL REFORE	IT: ITION ABOVE THRES ITTON ABOVE THRES ITTON MITHOUT MIT OF FOREST TO BE OF REMENTS: N FOR CLEARING BI IN FOR CLEARING BI ETENTION ABOVE C	HOLD WITH NO IGATION ELEARED ETAINED BOVE CONSERVA ELOW CONSERVA ONSERVATION TI	MITIGATION		0 0 0 0 0 0
BREAK EVEN POIN H. FOREST RETEN I. CLEARING PERM PROPOSED FORES J. TOTAL AREA C K. TOTAL AREA C PLANTING REQUIF L. REFORESTATIO M. REFORESTATIO N. CREDIT FOR R P. TOTAL AFORES	IT: ITION ABOVE THRES ITION ABOVE THRES ITITED WITHOUT MIT OF FOREST TO BE OF OF FOREST TO BE OF REMENTS: N FOR CLEARING AI IN FOR CLEARING B ETENTION ABOVE C ESTATION REQUIRED.	HOLD WITH NO IGATION ELEARED ETAINED BOVE CONSERVA ELOW CONSERVA ONSERVATION TI	MITIGATION)	0 0 0 0 0 0 0 0 0 0 0 0
BREAK EVEN POIN H. FOREST RETEN I. CLEARING PERM PROPOSED FORES J. TOTAL AREA C K. TOTAL AREA C PLANTING REQUIF L. REFORESTATIO M. REFORESTATIO N. CREDIT FOR R P. TOTAL REFORE R. TOTAL REFORE R. TOTAL REFORE R. TOTAL REFORE	IT: ITION ABOVE THRES ITION ABOVE THRES ITITED WITHOUT MIT OF CLEARING: OF FOREST TO BE OF REMENTS: N FOR CLEARING AI IN FOR CLEARING B ETENTION ABOVE C ESTATION REQUIRED	HOLD WITH NO IGATION ELEARED BOVE CONSERVA ELOW CONSERVA ONSERVATION TO	MITIGATION)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
BREAK EVEN POIN H. FOREST RETEN I. CLEARING PERM PROPOSED FORES J. TOTAL AREA C K. TOTAL AREA C PLANTING REQUIF L. REFORESTATIO M. REFORESTATIO N. CREDIT FOR R P. TOTAL REFORE R. TOTAL REFORE R. TOTAL REFORE R. TOTAL REFORE	IT: ITION ABOVE THRES ITTON ABOVE THRES ITTON MITHOUT MIT OF FOREST TO BE OF REMENTS: N FOR CLEARING BI IN FOR CLEARING BI ETENTION ABOVE C	HOLD WITH NO IGATION ELEARED BOVE CONSERVA ELOW CONSERVA ONSERVATION TO	MITIGATION)	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0





GRADING FOR PLANTING

SUPPLEMENTAL PLAN OLIVA SUBDIVISION,

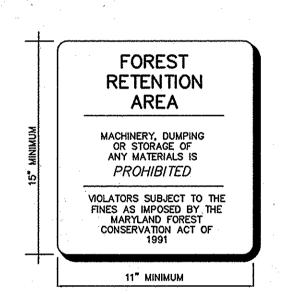
LOTS 3 THRU 5

GRID No. 1 TAX MAP No. 13 FOURTH ELECTION DISTRICT

PARCEL NOs. 202 LOT NO. 2 HOWARD COUNTY, MARYLAND

MULTIFLORA ROSE CONTROL NOTE:

MULTIFLORA ROSE SHALL BE REMOVED WHERE POSSIBLE. REMOVAL OF THE MULTIFLORA ROSE MAY BE PERFORMED WITH HERBICIDE TREATMENTS. PHYSICAL REMOVAL OF ALL TOP GROWTH FOLLOWED BY A PERIODIC HERBICIDE TREATMENT OF STUMP SPROUTS IS RECOMMENDED. NATIVE TREE AND SHRUB SPECIES OCCURRING WITHIN THE ROSE THICKETS SHOULD BE RETAINED WHEREVER POSSIBLE. HERBICIDE TREATMENTS SHALL OCCUR ON TWO (2) MONTH INTERVALS DURING THE FIRST GROWING SEASON AND ONCE IN THE SPRING AND ONCE IN THE FALL FOR SUBSEQUENT YEARS. HERBICIDE USED SHALL BE MADE SPECIFICALLY TO ADDRESS WOODY PLANT MATERIAL AND SHALL BE APPLIED AS PER MANUFACTURERS SPECIFICATIONS. CARE SHOULD BE TAKEN NOT TO SPRAY PLANTED TREES OR NATURALLY OCCURRING NATIVE TREE AND SHRUB SEEDLINGS. IT IS RECOMMENDED THAT INITIATION OF ROSE REMOVAL BEGIN AT LEAST SIX MONTHS PRIOR TO GROWING SO THAT NEW GROWTH OF ROSES IS ABLE TO BE MORE SUCCESSFULLY MANAGED.



NOTE: THE PROTECTIVE SIGNAGE SHALL BE IN PLACE FOR PERPETUITY.

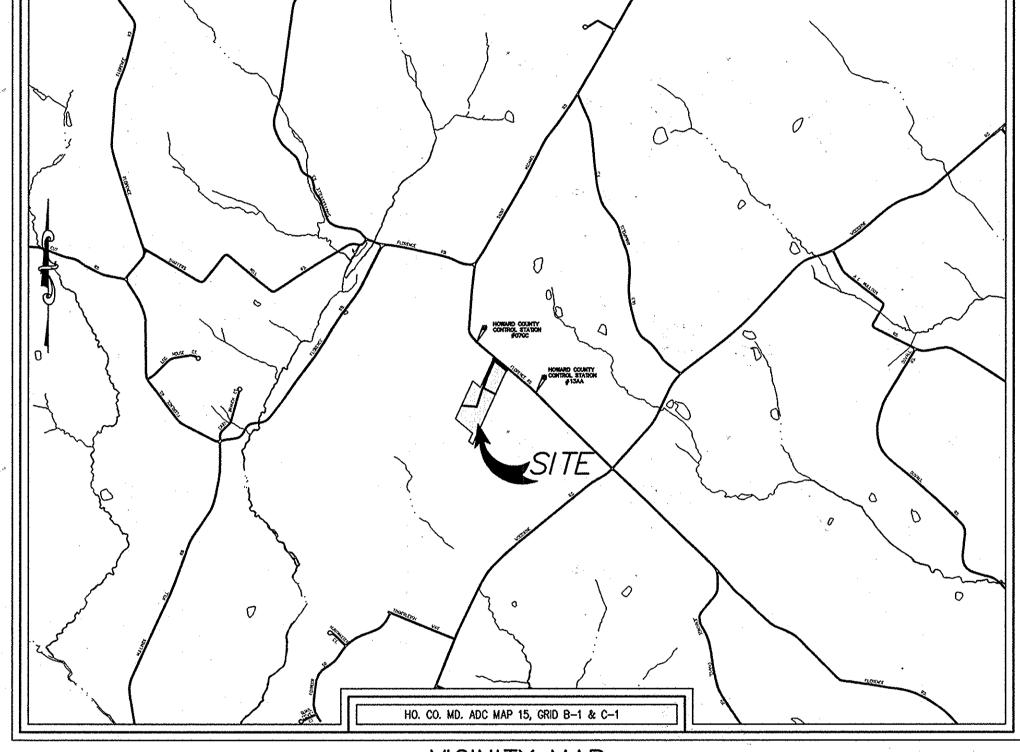
FOREST CONSERVATION

SIGN DETAIL

NOT TO SCALE

TWICE BALL

TREE PLANTING



VICINITY MAP SCALE: 1" = 2000'

BENC	HMARK INFORMATION	,
	OWARD COUNTY CONTROL STATION #07GC - HORIZONTAL - NAD '83) 601,284.450	
	1,278,726.494 LEVATION = 740.612 - VERTICAL - (NAVD '88)	. 4
		v
	OWARD COUNTY CONTROL STATION #13AA - HORIZONTAL - (NAD '83)	
E	1,279,969.743 LEVATION = 690.904 - VERTICAL - (NAVD '88)	

	STORMWATER MAN	IAGEMENT PRAC	CTICES
LOT No.	ADDRESS	ROOFTOP DISCONNECTIONS N-1 (NUMBER)	NON-ROOFTOP DISCONNECTIONS N-2 (NUMBER)
3	2848 FLORENCE ROAD	4	1
4	2850 FLORENCE ROAD	N/A	N/A
5	2860 FLORENCE ROAD	4	1
	(COMMON DRIVEWAY)		3

SITE ANALYSIS DATA CHART

A. TOTAL AREA OF THIS SUBMISSION = 16.49 AC. \pm . LIMIT OF DISTURBED AREA = 2.19 Ac.± PRESENT ZONING DESIGNATION = RC-DEO (PER 10/06/2013 COMPREHENSIVE ZONING PLAN)

PROPOSED USE: RESIDENTIAL PREVIOUS HOWARD COUNTY FILES: F-87-80, VP-86-123, VP-86-123AI, ECP-14-079; WP-15-087. TOTAL AREA OF FLOODPLAIN LOCATED ON SITE = 0.09 AC± TOTAL AREA OF SLOPES IN EXCESS OF 15% (ON LOT 4) = 1.23 AC± (0.18 AC± OF 25% OR GREATER SLOPES) TOTAL AREA OF WETLANDS (INCLUDING BUFFER) = 0.20 AC.± (LOCATED WITHIN FORESTED AREA ON LOT 4)

TOTAL AREA OF EXISTING FOREST = 2.38 AC± (ON LOT 4) TOTAL GREEN OPEN AREA = 15.78 AC± TOTAL IMPERVIOUS AREA = 0.71 AC±

AREA OF LOTS 3 THRU 5 = 16.49 AC± (INCLUDES LOT 4) M. AREA OF LOT 4 = 9.04 AC.±. (CONTAINS EXISTING HOUSE, CURRENTLY IN AGRICULTURAL USE) N. AREA OF ROAD DEDICATION = 0 AC. (40 FOOT HALF ROW DEDICATED WITH F-87-080). AREA OF ERODIBLE SOILS = 0.18 AC.

MARILYN P OLIVA 2850 FLORENCE RD WOODBINE, MARYLAND 21797 c/o DEBBIE DIBENEDETTO (301) 775-7106

OWNER

LEGEND ---- EXISTING 2' CONTOURS - EXISTING 10' CONTOURS EXISTING TREE LINE - Ggb - SOIL LINES AND TYPES

DENOTES FAILED PERC DENOTES PASSED PERC DENOTES PROPOSED SEPTIC EASEMENT

DENOTES PROPOSED WELL

DENOTES EXISTING SEPTIC EASEMENTS DENOTES 15% TO 25% SLOPES

DENOTES 1500 Sq.Ft. ALTERNATE WELL SITE

DENOTES 25% AND GREATER SLOPE

DENOTES EXISTING PERCS FROM 5/6/92

General Notes: THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF A MINIMUM OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL, IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES OR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE

2. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE

3. SUBJECT PROPERTY IS ZONED 'RC-DEO' PER THE 10/06/13 COMPREHENSIVE ZONING PLAN. 4. COORDINATES BASED ON NAD '83, MARYLAND COORDINATE SYSTEM AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 07GC AND NO. 13AA.

STA. 07GC N 601,284.450 E 1,278,726.494 STA. 13AA N 600,247.057 E 1,279,969.743 5. THIS PLAT IS BASED ON A FIELD RUN MONUMENTED BOUNDARY SURVEY PERFORMED ON OR ABOUT JULY, 2014, BY FISHER,

COLLINS AND CARTER, INC.

6. B.B.L. DENOTES BUILDING RESTRICTION LINE. DENOTES IRON PIN SET CAPPED "F.C.C. 106".
DENOTES IRON PIPE OR IRON BAR FOUND.

DEPARTMENT OF THE ENVIRONMENT.

DENOTES ANGULAR CHANGE IN BEARING OF BOUNDARY OR RIGHTS-OF-WAY.

DENOTES CONCRETE MONUMENT SET WITH ALUMINUM PLATE "F.C.C. 106".
DENOTES CONCRETE MONUMENT OR STONE FOUND.

12. 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.

13. 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 FOLLOWING (MINIMUM) REQUIREMENTS:

A) WIDTH - 12 FEET (16 FEET SERVING MORE THAN ONE RESIDENCE); B) SURFACE -- SIX (6") INCHES OF COMPACTED CRUSHER RUN BASE WITH TAR AND CHIP COATING. (1 --1/2" MINIMUM); :) GEOMETRY - MAXIMUM 15% GRADE, MAXIMUM 10% GRADE CHANGE AND 45-FOOT TURNING RADIUS;

) STRUCTURES (CULVERTS/BRIDGES) — CAPABLE OF SUPPORTING 25 GROSS TONS (H25-LOADING); E) DRAINAGE ELEMENTS — CAPABLE OF SAFELY PASSING 100 YEAR FLOOD WITH NO MORE THAN 1 FOOT DEPTH OVER SURFACE; F) STRUCTURE CLEARANCES - MINIMUM 12 FEET; G) MAINTENANCE - SUFFICIENT TO ENSURE ALL WEATHER USE.

14. ALL LOT AREAS ARE MORE OR LESS (±).

15. THE FOREST CONSERVATION EASEMENTS SHOWN ON THIS PLAT HAVE BEEN ESTABLISHED TO FULFILL THE REQUIREMENTS OF SECTION 16.1200 OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION ACT. NO CLEARING, GRADING OR CONSTRUCTION IS PERMITTED WITHIN THE FOREST CONSERVATION EASEMENT; HOWEVER, FOREST MANAGEMENT PRACTICES AS DEFINED IN THE DEED OF FOREST CONSERVATION ARE ALLOWED.

16. LOT 4 IS EXEMPT FROM FOREST CONSERVATION REQUIREMENTS SINCE IT WILL REMAIN IN AGRICULTURAL USE AND LOT 5 WILL BE EXEMPTED WITH THE FILING OF A DECLARATION OF INTENT FOR INTRAFAMILY TRANSFER. THE REMAINING LOT 3 OBLIGATION OF 0.68 ACRES WILL UTILIZE OFF-SITE RETENTION OF FOREST AT A RATIO OF 2:1. THE FOREST CONSERVATION REQUIREMENTS PER SECTION 16.1200 OF THE HOWARD COUNTY CODE AND THE FOREST CONSERVATION MANUAL FOR THIS SUBDIVISION WILL BE

FULFILLED BY OFF—SITE RETENTION OF 1.36 ACRES ON LOT 4. THERE IS NO SURETY FOR FOREST RETENTION.

17. THE FOREST STAND DELINEATION AND WETLAND DELINEATION FOR THIS PROJECT WAS PREPARED BY ECO—SCIENCE PROFESSIONALS, INC. DATED JULY 2014.

18. A TRAFFIC REPORT IS NOT REQUIRED FOR THIS DEVELOPMENT SINCE IT IS A MINOR SUBDIVISION.

19. STORMWATER MANAGEMENT WILL BE IN ACCORDANCE WITH MDE STORM DRAIN DESIGN MANUAL, VOLUMES I & II, REVISED 2009. USE OF NON-ROOFTOP DISCONNECTION (N-2) AND ROOFTOP DISCONNECTION (N-1) IS PROVIDED. FACILITIES WILL BE OWNED AND MAINTAINED BY THE LOT OWNER ON WHICH THAT PARTICULAR FACILITY IS LOCATED.

20. PROPERTY SUBJECT TO PRIOR DEPARTMENT PLANNING AND ZONING FILE NOS. ECP-14-079, F-87-80, VP-86-123, VP-86-123AI;

21. THIS PLAN IS SUBJECT TO THE AMENDED FIFTH EDITION OF THE SUBJECT AND LAND DEVELOPMENT REGULATIONS AND THE 10/06/13 COMPREHENSIVE ZONING PLAN. DEVELOPMENT OR CONSTRUCTION ON THESE LOTS OR PARCELS MUST COMPLY WITH SETBACKS AND BUFFER REGULATIONS IN EFFECT AT THE TIME OF SUBMISSION OF A BUILDING OR GRADING PERMIT APPLICATION.

22. PRIVATE WELL AND SEPTIC SHALL BE UTILIZED WITHIN THIS DEVELOPMENT.

23. THIS PROPERTY IS LOCATED OUTSIDE OF THE METROPOLITAN DISTRICT.

24. SITE IS NOT ADJACENT TO A SCENIC ROAD 25. NO CEMETERIES OR HISTORIC SITES ARE LOCATED ON THIS PROPERTY.

26. THERE IS AN EXISTING DWELLING AND GARAGE ON LOT 4 TO REMAIN. NO NEW BUILDINGS, EXTENSIONS OR ADDITIONS TO THE EXISTING STRUCTURES ARE TO BE CONSTRUCTED AT A DISTANCE LESS THAN THE ZONING REGULATION REQUIREMENTS.

27. NO GRADING, REMOVAL OF VEGETATIVE COVER OR TREES, PAVING AND NEW STRUCTURES SHALL BE PERMITTED WITHIN THE LIMITS OF WETLANDS, STREAM(S), OR THEIR REQUIRED BUFFERS, FLOODPLAIN AND FOREST CONSERVATION EASEMENT AREAS.

28. DISTANCES SHOWN ARE BASED ON SURFACE MEASUREMENT AND NOT REDUCED TO NAD '83 GRID. 29. NON-CRITICAL FLOODPLAIN STUDY DATED JULY, 2014 PREPARED BY FISHER, COLLINS & CARTER, INC. APPROVED ON DECEMBER 30. NO NOISE STUDY IS REQUIRED FOR THIS PROJECT.

30. NO NOISE STUDY IS REQUIRED FOR THIS PROJECT.

31. THE PRIVATE USE—IN—COMMON DRIVEWAY ACCESS, STORMWATER MANAGEMENT AND UTILITY EASEMENT AND MAINTENANCE AGREEMENT FOR LOTS 3 THRU 5 IS RECORDED SIMULTANEOUSLY WITH THE PLAT.

32. THIS PLAN HAS BEEN PREPARED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE MANUAL IN ACCORDANCE WITH SECTION 16.124 OF THE HOWARD COUNTY CODE AND THE LANDSCAPE SURETY FOR 10 SHADE TREES, 16 EVERGREENS, AND 6 SHRUBS IN THE AMOUNT OF (\$5,580) WILL BE

PROVIDED WITH THE GRADING PERMIT LOT 3 SURETY: (5) SHADE TREES @ 300/SHADE TREE & (8) EVERGREENS @ 150/EVERGREEN =\$2,700.00 LOT 5 SURETY: (5) SHADE TREES © 300/SHADE TREE & (8) EVERGREENS © 150/EVERGREEN &

(6) SHRUBS © 30/SHRUB

33. A PRE-SUBMISSION COMMUNITY MEETING WAS HELD FOR THIS PROJECT ON APRIL 10, 2014.

34. ALL WELLS SHALL BE DRILLED PRIOR TO FINAL PLAT RECORDATION. IT IS THE DEVELOPERS RESPONSIBILITY TO SCHEDULE THE

WELL DRILLING PRIOR TO FINAL PLAT SUBMISSION. IT WILL NOT BE CONSIDERED "GOVERNMENT DELAY" IF THE WELL DRILLING HOLDS UP HEALTH DEPARTMENT SIGNATURE OF THE RECORD PLAT.

35. DECLARATION OF STORMWATER MANAGEMENT COVENANTS HAVE BEEN RECORDED SIMULTANEOUSLY WITH THIS PLAT.

36. THIS SUBDIVISION PLAN IS LOCATED IN THE DESIGNED TIER IV, GROWTH AREA OF THE HOWARD COUNTY PER THE HOWARD 2030 TIER MAP AND SUBJECT TO THE STATES SB-236 AND IS DESIGNED AS A MINOR SUBDIVISION PER THE HOWARD COUNTY SUBDIVISION AND LAND DEVELOPMENT REGULATIONS. RESUBDIVISION OF THIS PROPERTY IS EXHAUSTED WITH THE RECORDING OF HE FOURTH LOT AND THAT NO ADDITIONAL RESUBDIVISION OF ANY OF THE LOTS IS PERMITTED AS PART OF THE GROWTH TIER IV

37. 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.

38. THE CONTRACTOR SHALL NOTIFY (MISS UTILITY) AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO ANY EXCAVATION WORK 39. A PRIVATE RANGE OF ADDRESS SIGN SHALL BE FABRICATED AND INSTALLED BY HOWARD COUNTY BUREAU OF HIGHWAYS AT THE

DEVELOPERS/OWNERS EXPENSE. CONTACT HOWARD COUNTY TRAFFIC DIVISION AT 410-313-2430 FOR DETAILS AND COST 40. SUBDIVISION IS SUBJECT TO SECTION 104.0.F. OF THE ZONING REGULATIONS. AT LEAST 10% OF THE DWELLING UNITS SHALL BE MODERATE INCOME HOUSING UNITS (M.I.H.U.) OR AN ALTERNATIVE COMPLIANCE WILL BE PROVIDED. THE DEVELOPER SHALL EXECUTE A M.I.H.U. AGREEMENT WITH THE DEPARTMENT OF HOUSING TO INDICATE HOW THE M.I.H.U. REQUIREMENT WILL BE MET.

THE M.I.H.U. AGREEMENT AND COVENANTS WILL BE RECORDED SIMULTANEOUSLY WITH THIS PLAT IN THE LAND RECORDS OFFICE OF HOWARD COUNTY, MARYLAND. THIS DEVELOPMENT WILL MEET M.I.H.U. ALTERNATIVE COMPLIANCE BY A PAYMENT OF A FEE-IN-LIEU TO THE DEPARTMENT OF HOUSING FOR EACH REQUIRED UNIT. MODERATE INCOME HOUSING UNIT (M.I.H.U.) TABULATION:

 a. M.I.H.U. REQUIRED = (2 LOTS X 10%) = 0.2 M.I.H.U.
 b. M.I.H.U. PROPOSED = DEVELOPER WILL PURSUE ALTERNATIVE COMPLIANCE BY PAYING A FEE-IN-LIEU TO THE HOWARD COUNTY HOUSING DEPARTMENT FOR THE UNITS REQUIRED BY THE DEVELOPMENT.
 c. AN EXECUTED M.I.H.U. AGREEMENT WITH THE HOWARD COUNTY HOUSING DEPARTMENT HAS BEEN COMPLETED. 40. A FEE-IN-LIEU OF OPEN SPACE IN THE AMOUNT OF \$3,000 (2 LOTS AT \$1,500 EACH) WILL BE REQUIRED SINCE THIS IS A

NON-CLUSTER SUBDIVISION. 41. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS AND SPECIFICATIONS OF HOWARD COUNTY PLUS MSHA STANDARDS AND SPECIFICATIONS IF APPLICABLE.

42. THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD RUN SURVEY WITH (MAXIMUM TWO FOOT) CONTOUR INTERVALS PREPARED BY FISHER, COLLINS & CARTER, INC. DATED JULY, 2014 AND SUPPLEMENTED WITH HOWARD COUNTY GIS AERIAL TOPOGRAPHY.
43. EXISTING UTILITIES ARE BASED ON AVAILABLE COUNTY RECORDS.

44. THIS PLAN WAS REVIEWED AND APPROVED BY HOWARD COUNTY SOIL CONSERVATION DISTRICT ON MARCH 10, 2015, THAT ALLOWS THE CONTINUATION OF FARMING ON LOT 4 AND VIEWED AS AGRICULTURAL USE.

MINIMUM LOT SIZE CHART				
LOT No.	GROSS AREA	PIPESTEM AREA	MINIMUM LOT SIZE	
3	3.378 Ac±	0.377 Ac±	3.001 Ac±	
4	9.016 Ac±	0.290 Ac±	8.726 Ac±	

SUPPLEMENTAL PLAN - TITLE SHEET

OLIVA SUBDIVISION,

LOTS 3 THRU 5 ZONED RC-DEO TAX MAP NO.: 13 GRID NO.: 1 PARCEL NO: 202 LOT NO.: 2 FOURTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: AS SHOWN DATE: JUNE, 2015 SHEET 1 OF 2 F-15-004

FISHER, COLLINS & CARTER, INC. IVIL ENGINEERING CONSULTANTS & LAND SURVEYORS IAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MARYLAND 21042

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONIN 6-67-65 6.16.15

1'-0" HIGH 2-1/2" CALIPER-



