

CURVE TABLE					
CURVE	RADIUS	LENGTH	DELTA	TAN	CHORD
C-1	1631.17'	136.91'	4°48'33"	68.50'	N69°36'30"W 136.88'
C-2	1587.95'	164.44'	5°56'01"	82.30'	N69°02'50"W 164.37'
C-3	1325.00'	49.96'	2°09'37"	24.98'	N65°00'01"W 49.95'
C-4	1325.00'	104.81'	4°31'56"	52.43'	N54°34'48"W 104.78'

PRIVATE VARIABLE WIDTH USE-IN-COMMON ACCESS EASEMENT FOR THE BENEFIT OF LOTS 1-3 AND THE MAINTENANCE OF THEIR RESPECTIVE REMOTE WELLS LINE TABLE			
LINE	COURSE	LINE	COURSE
L6	S18°35'45"W 20.63'	L17	N33°33'10"E 170.66'
L7	S81°52'55"W 7.49'	L18	N51°33'30"E 62.31'
L8	N71°24'15"W 143.05'	L19	S38°26'30"E 24.00'
L9	N57°23'21"W 195.07'	L20	S51°33'30"W 58.51'
L10	S63°58'05"W 9.90'	L21	S03°33'10"W 163.71'
L11	S18°09'44"W 8.00'	L22	S18°37'23"W 34.31'
L12	N70°46'13"W 48.82'	L23	S26°22'37"E 14.14'
L13	N63°55'05"E 22.51'	L24	S70°48'19"E 137.95'
L14	N70°46'13"W 109.24'	L25	S57°23'21"E 199.09'
L15	N28°22'37"W 33.76'	L26	S71°24'15"E 146.79'
L16	N18°37'23"E 47.39'		

COORDINATE TABLE		
NO.	NORTH	EAST
201	552700.6188	1322417.3944
202	553312.9307	1321865.7073
203	553698.1042	132292.4593
204	553845.9713	1322675.5517
1000	552967.7592	1321749.3886
1002	552541.3013	1322615.2944
1028	553172.3906	1323227.6074
1032	553410.9692	1321930.7275

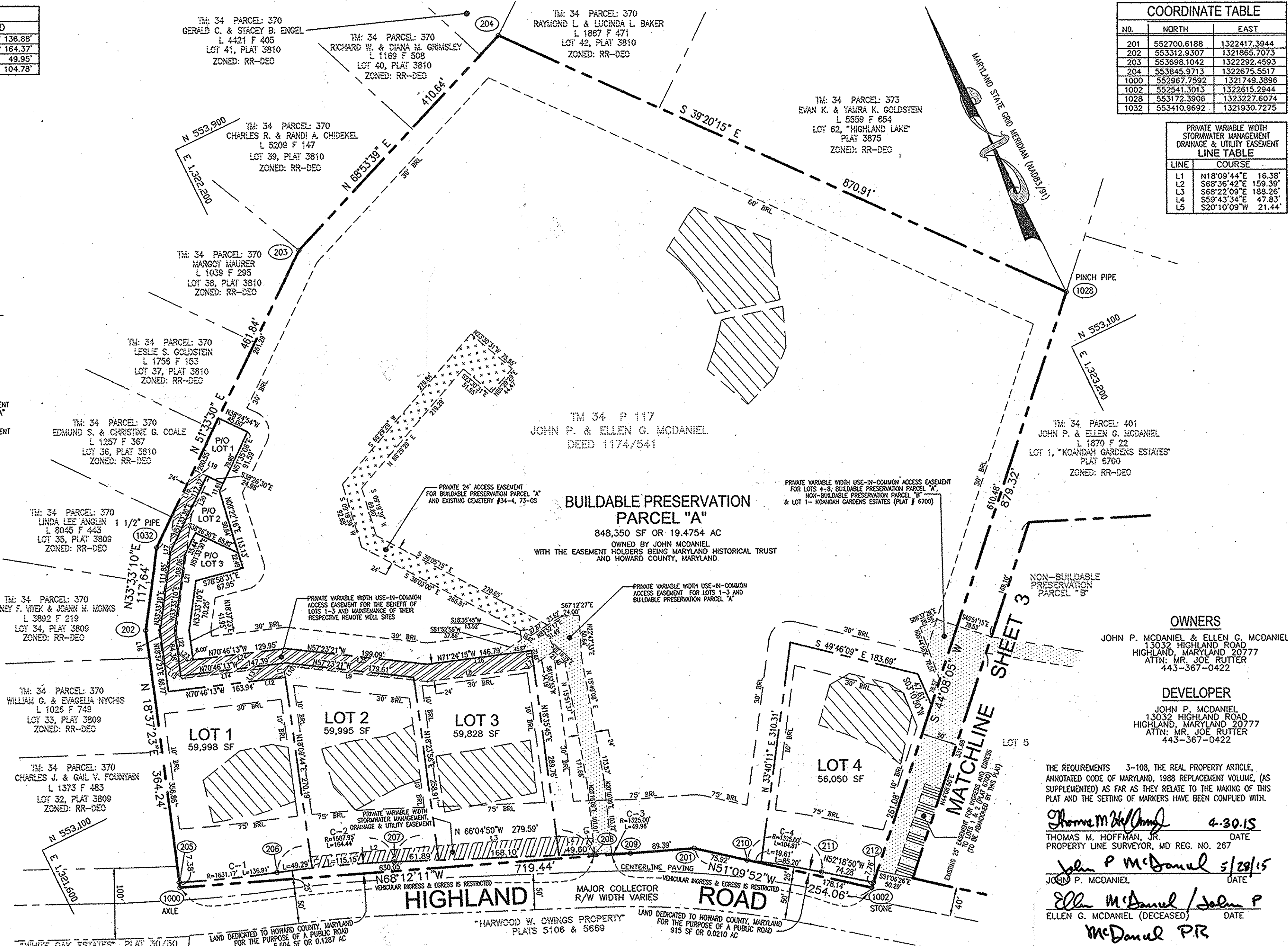
PRIVATE VARIABLE WIDTH STORMWATER DRAINAGE & UTILITY EASEMENT LINE TABLE	
LINE	COURSE
L1	N18°09'44"E 16.38'
L2	S68°36'42"E 159.39'
L3	S68°22'09"E 188.26'
L4	S59°43'34"E 47.83'
L5	S20°10'09"W 21.44'

LEGEND

- EXISTING 25' EASEMENT FOR INGRESS AND EGRESS TO LOTS 1 & 2 (PLAT 6700) (TO BE ABANDONED BY THIS PLAT)
- PRIVATE 24' ACCESS EASEMENT FOR BUILDABLE PRESERVATION PARCEL "A" AND EXISTING CEMETERY #34-4, 73-05
- PRIVATE VARIABLE WIDTH USE-IN-COMMON ACCESS EASEMENT FOR LOTS 1-3 AND BUILDABLE PRESERVATION PARCEL "A"
- PRIVATE VARIABLE WIDTH USE-IN-COMMON ACCESS EASEMENT FOR LOTS 6-8, BUILDABLE PRESERVATION PARCEL "A", NON-BUILDABLE PRESERVATION PARCEL "B" & LOT 1- KOANDAH GARDENS ESTATES (PLAT # 6700)
- PRIVATE VARIABLE WIDTH STORMWATER MANAGEMENT, DRAINAGE & UTILITY EASEMENT
- SEPTIC RESERVE AREA
- PRIVATE VARIABLE WIDTH USE-IN-COMMON ACCESS EASEMENT FOR THE BENEFIT OF LOTS 1-3 AND MAINTENANCE OF THEIR RESPECTIVE REMOTE WELL SITES

AREA TABULATION (THIS SHEET)

NUMBER OF BUILDABLE LOTS	4
NUMBER OF BUILDABLE PRESERVATION PARCELS	1
NUMBER OF NON-BUILDABLE PRESERVATION PARCELS	0
NUMBER OF OPEN SPACE LOTS	0
TOTAL LOTS AND/OR PARCELS TO BE RECORDED	5
AREA OF BUILDABLE LOTS	5.4148 AC
AREA OF BUILDABLE PRESERVATION PARCELS	19.4754 AC
AREA OF NON-BUILDABLE PRESERVATION PARCELS	0.0000 AC
AREA OF OPEN SPACE LOTS	0.0000 AC
TOTAL AREA OF LOTS AND/OR PARCELS	24.8902 AC
AREA OF ROADWAY WIDENING TO BE RECORDED	0.1497 AC
TOTAL AREA OF SUBDIVISION TO BE RECORDED	25.0399 AC



OWNERS
 JOHN P. MCDANIEL & ELLEN G. MCDANIEL
 13032 HIGHLAND ROAD
 HIGHLAND, MARYLAND 20777
 ATTN: MR. JOE RUTTER
 443-367-0422

DEVELOPER
 JOHN P. MCDANIEL
 13032 HIGHLAND ROAD
 HIGHLAND, MARYLAND 20777
 ATTN: MR. JOE RUTTER
 443-367-0422

THE REQUIREMENTS 3-108, THE REAL PROPERTY ARTICLE, ANNOTATED CODE OF MARYLAND, 1988 REPLACEMENT VOLUME, (AS SUPPLEMENTED) AS FAR AS THEY RELATE TO THE MAKING OF THIS PLAT AND THE SETTING OF MARKERS HAVE BEEN COMPLIED WITH.

Thomas M. Hoffman 4-30-15
 THOMAS M. HOFFMAN, JR. DATE
 PROPERTY LINE SURVEYOR, MD REG. NO. 267
John P. McDaniel 5/28/15
 JOHN P. MCDANIEL DATE
Ellen G. McDaniel / *John P. McDaniel*
 ELLEN G. MCDANIEL (DECEASED) DATE
 MCDANIEL PR

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT.

Richard J. Davis 2/14/15
 HOWARD COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

Chad Elch 7-23-15
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE
Walt Sanderson 7-23-15
 DIRECTOR DATE

OWNER'S CERTIFICATE

WE, JOHN P. MCDANIEL AND ELLEN G. MCDANIEL, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, ADOPT THIS FINAL PLAT OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS; 1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL ROADS OR STREET RIGHTS-OF-WAYS AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; 2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE OF THE BEDS OF THE STREETS AND/OR ROADS, THE FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOOD PLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; 3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; 4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAYS.

WITNESS OUR HANDS THIS 23 DAY OF MAY, 2015
John P. McDaniel *Megan Puggis*
 JOHN P. MCDANIEL MEGAN PUGGIS
Ellen G. McDaniel / *John P. McDaniel*
 ELLEN G. MCDANIEL (DECEASED) JOHN P. MCDANIEL
 MCDANIEL PR

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF (1) THE LAND CONVEYED BY RICHARD H. JENKINS AND EDITH E. JENKINS TO JOHN P. MCDANIEL AND ELLEN G. MCDANIEL BY DEED DATED JULY 15, 1983 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 1174 FOLIO 541 AND (2) THE LAND CONVEYED BY JOHN P. MCDANIEL AND ELLEN G. MCDANIEL TO JOHN P. MCDANIEL AND ELLEN G. MCDANIEL, BY DEED DATED MAY 31, 2002 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 6206 FOLIO 657.
 I ALSO CERTIFY ALL MONUMENTS ARE IN OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED AND BOUNDARY SURVEY IS IN ACCORDANCE WITH THE HOWARD COUNTY SUBDIVISION REGULATIONS.
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 267, EXPIRATION DATE JULY 26, 2014.

Thomas M. Hoffman 4-30-15
 THOMAS M. HOFFMAN, JR. DATE
 PROPERTY LINE SURVEYOR, MD REG. NO. 267
ROBERT H. VOGEL ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET ELUGBY CITY, MD 21043 TEL: 410.461.7666 FAX: 410.461.8961



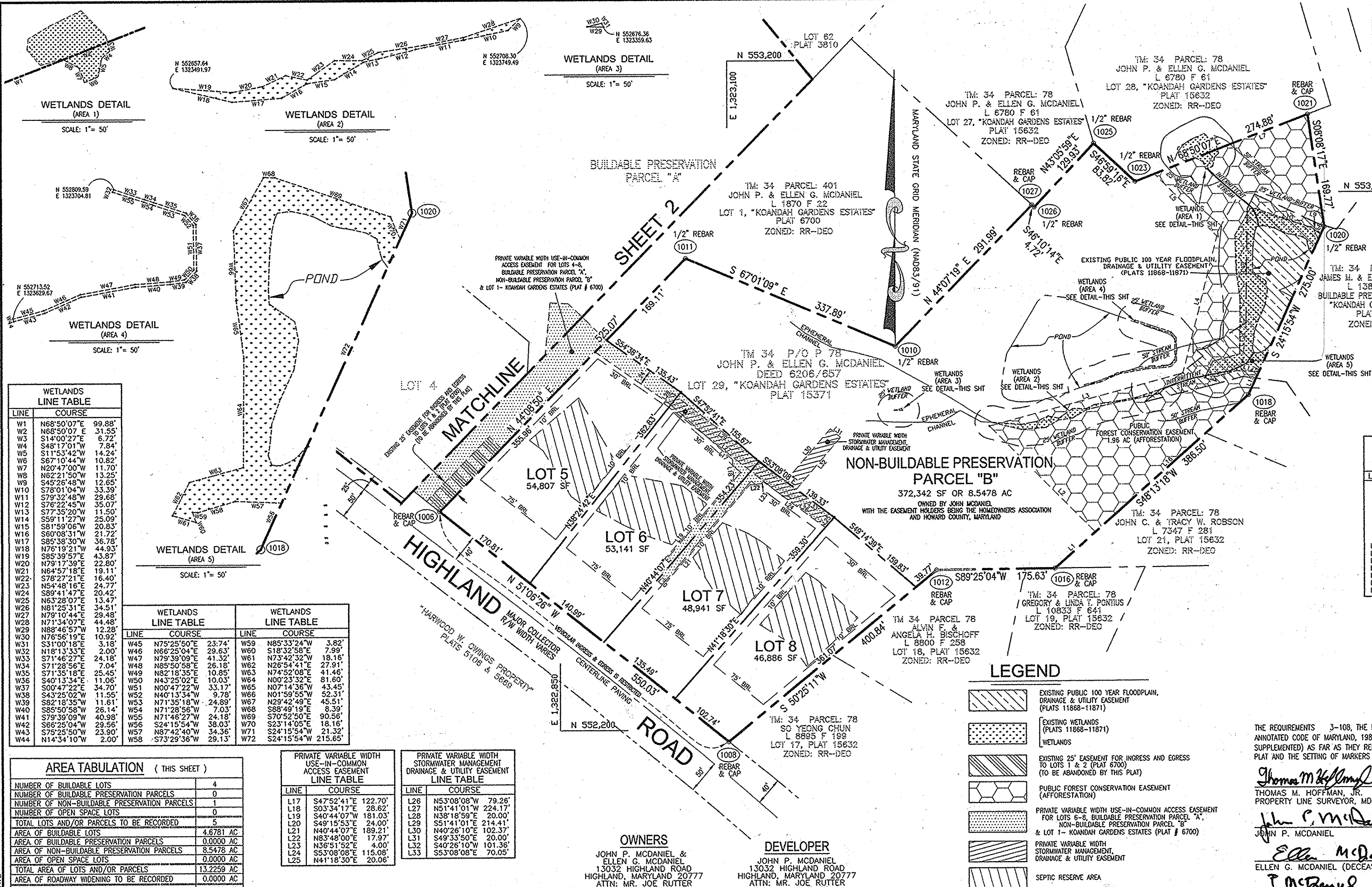
RECORDED AS PLAT NO. 2341 ON 7/30/15
 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

PLAT OF SUBDIVISION
MCDANIEL PROPERTY
 LOTS 1-8, BUILDABLE PRESERVATION PARCEL A, AND NON-BUILDABLE PRESERVATION PARCEL B

A SUBDIVISION OF TM 34 PARCEL 117 (L 1174 F 541) AND A RESUBDIVISION OF LOT 29 "KOANDAH GARDENS ESTATES" (PLAT 15371)
 ZONED: RR-DEC
 DPZ REF'S: ECP 12-048, F 87-200, F 90-076, F 94-069, F 95-121, F 97-145, F 02-004, F 02-057, F 87-053, P 01-003, S 99-07, SP 13-005, WP 13-034
 TAX MAP 34 GRID 22 PARCELS 117 & P/O 78 (LOT 29)
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1" = 100'
 APRIL 30, 2015
 SHEET 2 OF 3

K:\PROJECTS\08-43\SURVEY\RECORD PLAT\PLAT2.DWG

COORDINATE TABLE		
NO.	NORTH	EAST
1006	552528.0261	1322672.1988
1008	552182.6775	1323100.3023
1010	552772.8660	1323348.9847
1011	552904.7876	1323037.9094
1012	552438.0778	1323409.2453
1016	552439.8622	1323584.8640
1018	552697.3679	1323871.0865
1020	552948.0713	1323988.0990
1021	553116.1356	1323962.0658
1023	553016.8817	1323705.7308
1025	553074.0670	1323644.4441
1026	552978.1996	1323555.6895
1027	552862.4710	1323552.2816



WETLANDS LINE TABLE		
LINE	COURSE	LENGTH
W1	N68°50'07"E	99.88'
W2	N68°50'07"E	31.55'
W3	S14°00'27"E	6.72'
W4	S48°17'01"W	7.84'
W5	S11°53'42"W	14.24'
W6	S67°10'44"W	10.82'
W7	N20°47'00"W	11.70'
W8	N62°21'50"W	13.25'
W9	S45°26'48"W	12.65'
W10	S78°01'04"W	33.39'
W11	S79°32'48"W	29.68'
W12	S76°22'45"W	35.07'
W13	S77°35'20"W	11.50'
W14	S59°11'27"W	25.09'
W15	S81°59'06"W	20.83'
W16	S60°08'31"W	21.72'
W17	S65°38'30"W	36.78'
W18	N76°19'21"W	44.93'
W19	S65°39'57"E	43.87'
W20	N79°17'39"E	22.80'
W21	N64°57'18"E	19.11'
W22	S78°27'21"E	16.40'
W23	N54°48'15"E	24.77'
W24	S89°41'47"E	20.42'
W25	N63°28'07"E	13.47'
W26	N81°25'31"E	34.51'
W27	N79°10'44"E	29.48'
W28	N71°34'07"E	44.48'
W29	N88°46'57"W	12.28'
W30	N76°56'19"E	10.92'
W31	S31°00'18"E	3.18'
W32	N18°13'33"E	2.00'
W33	S71°46'27"E	24.18'
W34	S71°28'56"E	7.04'
W35	S71°35'18"E	25.45'
W36	S40°13'34"E	11.06'
W37	S00°47'22"E	34.70'
W38	S43°25'02"W	11.55'
W39	S82°18'35"W	11.61'
W40	S85°50'58"W	26.14'
W41	S79°39'09"W	40.98'
W42	S66°25'04"W	29.56'
W43	S75°25'50"W	23.90'
W44	N14°34'10"W	2.00'
W45	N75°25'50"E	23.74'
W46	N66°25'04"E	29.63'
W47	N79°38'09"E	41.32'
W48	N89°50'58"E	26.18'
W49	N82°18'35"E	10.85'
W50	N43°25'02"E	10.03'
W51	N00°47'22"W	33.17'
W52	N40°13'34"W	9.78'
W53	N71°35'18"W	24.89'
W54	N71°28'56"W	7.03'
W55	N71°46'27"W	24.18'
W56	S24°15'54"W	38.03'
W57	N87°42'40"W	34.36'
W58	S73°29'56"W	29.13'
W59	N85°33'24"W	3.82'
W60	S18°32'58"E	7.99'
W61	N73°42'32"W	18.18'
W62	N26°54'41"E	27.91'
W63	N74°52'08"E	41.46'
W64	N00°23'32"E	81.60'
W65	N07°14'36"W	43.45'
W66	N01°59'55"W	52.31'
W67	N29°42'49"E	45.51'
W68	S88°49'19"E	8.39'
W69	S70°52'50"E	90.56'
W70	S23°14'05"E	18.16'
W71	S24°15'54"W	21.32'
W72	S24°15'54"W	215.65'

WETLANDS LINE TABLE		WETLANDS LINE TABLE	
LINE	COURSE	LINE	COURSE
L1	N48°13'18"E	80.48'	
L2	N44°37'24"E	223.02'	
L3	N74°46'19"E	298.16'	
L4	N13°59'09"E	210.23'	
L5	N44°35'49"W	131.32'	
L6	N68°50'07"E	244.00'	
L7	S24°15'54"W	12.99'	
L8	N52°08'25"W	17.81'	
L9	S00°53'57"E	25.23'	
L10	N73°11'30"W	78.86'	
L11	S50°17'52"W	25.23'	
L12	S00°53'57"E	148.44'	
L13	S04°43'31"E	59.89'	
L14	S65°42'59"E	27.74'	
L15	S24°15'54"W	40.77'	
L16	S48°13'18"W	306.02'	

AREA TABULATION (THIS SHEET)	
NUMBER OF BUILDABLE LOTS	4
NUMBER OF BUILDABLE PRESERVATION PARCELS	0
NUMBER OF NON-BUILDABLE PRESERVATION PARCELS	1
NUMBER OF OPEN SPACE LOTS	0
TOTAL LOTS AND/OR PARCELS TO BE RECORDED	5
AREA OF BUILDABLE LOTS	4.6781 AC
AREA OF BUILDABLE PRESERVATION PARCELS	0.0000 AC
AREA OF NON-BUILDABLE PRESERVATION PARCELS	8.5478 AC
AREA OF OPEN SPACE LOTS	0.0000 AC
TOTAL AREA OF LOTS AND/OR PARCELS	13.2259 AC
AREA OF ROADWAY WIDENING TO BE RECORDED	0.0000 AC
TOTAL AREA OF SUBMISSION TO BE RECORDED	13.2259 AC

PRIVATE VARIABLE WIDTH USE-IN-COMMON ACCESS EASEMENT LINE TABLE		PRIVATE VARIABLE WIDTH STORMWATER MANAGEMENT DRAINAGE & UTILITY EASEMENT LINE TABLE	
LINE	COURSE	LINE	COURSE
L17	S47°52'41"E	122.70'	
L18	S03°34'17"E	28.62'	
L19	S40°44'07"W	181.03'	
L20	S49°15'53"E	24.00'	
L21	N40°44'07"E	189.21'	
L22	N83°48'00"E	17.97'	
L23	N36°51'52"E	4.00'	
L24	S53°08'08"E	115.08'	
L25	N41°18'30"E	20.06'	
L26	N53°08'08"W	79.28'	
L27	N51°41'01"W	224.17'	
L28	N38°18'59"E	20.00'	
L29	S51°41'01"E	214.41'	
L30	N40°26'10"E	102.37'	
L31	S49°33'50"E	20.00'	
L32	S40°26'10"W	101.36'	
L33	S53°08'08"E	70.05'	

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS
 HOWARD COUNTY HEALTH DEPARTMENT.

Thomas M. Hoffmann, Jr. 7/14/15
 THOMAS M. HOFFMANN, JR. DATE
 PROPERTY LINE SURVEYOR, MD REG. NO. 267

APPROVED: HOWARD COUNTY DEPARTMENT OF PLANNING AND ZONING

John P. McDaniel 7-23-15
 JOHN P. MCDANIEL DATE
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

John P. McDaniel 7-27-15
 JOHN P. MCDANIEL DATE
 DIRECTOR

OWNER'S CERTIFICATE

WE, JOHN P. MCDANIEL AND ELLEN G. MCDANIEL, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, ADOPT THIS FINAL PLAT OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS; 1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES IN AND UNDER ALL ROADS OR STREET RIGHTS-OF-WAYS AND THE SPECIFIC EASEMENT AREAS SHOWN HEREON; 2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE OF THE BEDS OF THE STREETS AND/OR ROADS, THE FLOOD PLAINS AND OPEN SPACE WHERE APPLICABLE AND FOR GOOD AND VALUABLE CONSIDERATION, HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOOD PLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE; 3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; 4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHTS-OF-WAYS.

WITNESS OUR HANDS THIS 28 DAY OF MAY, 2015

John P. McDaniel
 JOHN P. MCDANIEL
 13032 HIGHLAND ROAD
 HIGHLAND, MARYLAND 20777
 ATTN: MR. JOE RUTTER
 443-367-0422

Megan Ruggieri
 MEGAN RUGGIERI
 WITNESS

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT; THAT IT IS A SUBDIVISION OF (1) THE LAND CONVEYED BY RICHARD H. JENKINS AND EDITH E. JENKINS TO JOHN P. MCDANIEL AND ELLEN G. MCDANIEL BY DEED DATED JULY 15, 1983 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 1174 FOLIO 541 AND (2) THE LAND CONVEYED BY JOHN P. MCDANIEL AND ELLEN G. MCDANIEL TO JOHN P. MCDANIEL AND ELLEN G. MCDANIEL, BY DEED DATED MAY 31, 2002 AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN LIBER 6206 FOLIO 657.

I ALSO CERTIFY ALL MONUMENTS ARE IN OR WILL BE IN PLACE PRIOR TO THE ACCEPTANCE OF THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY AS SHOWN, IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED AND BOUNDARY SURVEY IS IN ACCORDANCE WITH THE HOWARD COUNTY SUBDIVISION REGULATIONS.

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE, AND THAT I AM A DULY LICENSED PROPERTY LINE SURVEYOR UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 267, EXPIRATION DATE JULY 28, 2014.

Thomas M. Hoffmann, Jr. 4-30-15
 THOMAS M. HOFFMANN, JR. DATE
 PROPERTY LINE SURVEYOR, MD REG. NO. 267

ROBERT H. VOGEL ENGINEERING, INC.
 ENGINEERS • SURVEYORS • PLANNERS
 8407 MAIN STREET SUITE 21043 TEL: 410-461-8961

RECORDED AS PLAT NO. 73442 ON 7/30/15
 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND.

PLAT OF SUBDIVISION
MCDANIEL PROPERTY
 LOTS 1-8, BUILDABLE PRESERVATION PARCEL A,
 AND NON-BUILDABLE PRESERVATION PARCEL B

A SUBDIVISION OF TM 34 PARCEL 117 (L 1174 F 541) AND
 A RESUBDIVISION OF LOT 29 "KOANDAH GARDENS ESTATES" (PLAT 15371)

ZONED: RR-DEO

OPZ REF'S: ECP 12-048, F 87-200, F 90-076, F 94-069, F 95-121, F 97-145,
 F 02-004, F 02-057, P 87-053, P 01-003, S 99-07, SP 13-005, WP 13-034

TAX MAP 34 GRID 22 PARCELS 117 & P/O 78 (LOT 29)
 5TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SCALE: 1" = 100' APRIL 30, 2015

SHEET 3 OF 3