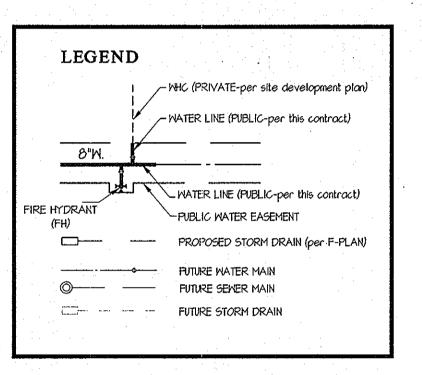
	Q	UANTITIES		
· · · ·			AS-BU	IILT
ITEMS	QUANTITIES ESTIMATED	QUANTITIES	TYPE	MANUFACTURER/ SUPPLIER
θ" WATER MAIN	602 L.F.		D.I.P. (cl. 54)	
6" WATER MAIN	32 L.F.		D.I.P. (cl. 54)	
8"x 6" FH.T.	2 EA.		Dia . (01. 047	······
8"x 8" T.	I EA.			
8" VALVE	3 EA.			
8" CAP	2 EA.	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·	
	2 LA.		· · · · ·	
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NAME OF UTILITY CON	TRACTOR:			-
			SURVEY AND	CHECKBOX:



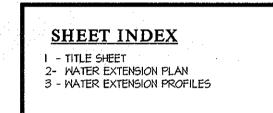
7/20/12

DATE

CHIEF, BUREAU OF UTILITIES

© GLW 2012

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SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 308 OF THE SPECIFICATIONS & WITH SITE DRAWINGS SDP-12-059; DRAWINGS FOR SEDIMENT & EROSION CONTROL. THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT. 7/24/12 DEPARTMENT OF DEPARTMENT OF **GLW**GUTSCHICK LITTLE &W PUBLIC WORKS PLANNING AND ZONING HOWARD COUNTY, MARYLAND HOWARD COUNTY, MARYLAND CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LAI 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE O BURTONSVILLE, MARYLAND 20866 TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-25

Cumm

CHIEF, DEVELOPMENT ENGINEERING DIVISION

2/25/12

DATE MA L'CADD/DRAHHKGS/96079/11095/PLANS BY QLW/WATER/Find/11095-01W.dwg DES. DEV

ΤY NL. NL NU Pι N 543,000 N 543,00 PIO OPEN SPACE LOT MARYLAND) OPEN SPACE LOT I (HOMEOWNER'S OWNERS P. 115 MAR. B.17 ASSOCIATION) PROPERTY OF <u>EX. 8''S.</u> THE BOARD OF EDUCATION PAR. C-27 (CONT. 24-4498) OF HOWRAD COUNTY EX. 12"W. L. 3218 F. 618 (CONT. 24-4279 OPEN SPACE LOT (ZONED: MXD-3) EX. 8"S. (COMMERCIAL OWNERS) (CONT. 24-4279) ASSOCIATION) P. 476 (CONT. 24-4498) PROPERTY OF PARCE LOIS PETERS, LEROY PETERS (CONT. 24-4543) 6-29 L. 9293 F. 183 SITE MAPLE LAWN (ZONED: RR-DEO) OPEN SPACE LOT 3 PARCEL PLAT NO. 16082 🕈 C-28 . (CON MAPLE LAWN 4-4062) OPEN SPACE LOT PLAT NO. 16082 P. 113 MAPLE LAWN MAPLE LAWN FARMS INC. OPEN SPACE LOT 2 PLAT NO. 16082 SWM FACILITY L. 683 F. 747 24-4062) PER F-03-07 RTE. 216 WATER TOWER UNDER CONSTRUCTION EX. 8"5. - (CONT. 24-4062-D) P. 282 \_ MAPLE LAWN EX. 16"W. MARVIN AND PARCEL C-6 (CONT. 44-3505) PLAT NO. 16514 MARJORIE BOSLEY (CONT. 24-4062)/ L. 1241 F. 138 EX. 8"5. (CONT. 24-4062) ---- MAPLE LAWN PARCEL C-3 PLAT NO. 16514 SDP-04-44 (OFFICE BLDG. I) 24-40621 . WATER AND SEWER CODE: P. 226 COUNTY USE SHEILA S. HUME MAPLE LAWN WATER ZONE: 550 PARCEL C-4 MAPLE LAWN\_/ PARCEL C-7 PLAT NO. 16514 SDP-04-96 TEST GRADIENT: 700 PLAT NO. 16514 SDP-05-08 NF PROPERTY OF WARREN & JEAN LEWIS MAPLE LAWN - MAPLE LAWN PARCEL C-5 PARCEL C-8 PLAT NO. 16514 PLAT NO. 16514 SDP-04-96 SDP-05-08 N 537,750 N 537,750

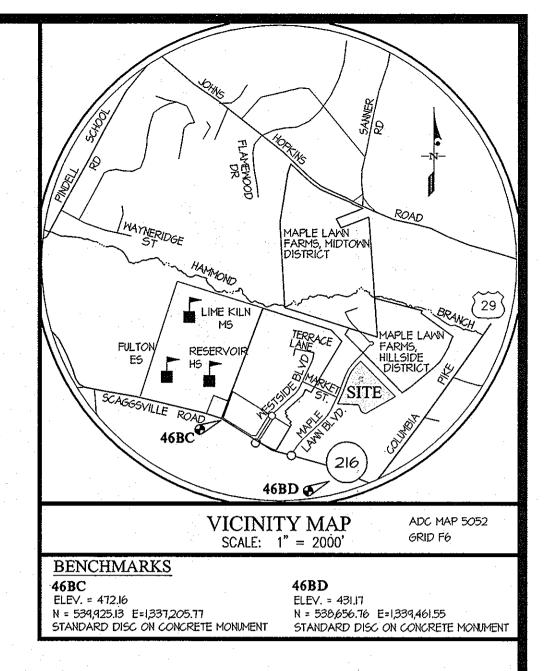
> LOCATION MAP SCALE: 1"=600'

CONTRACT No. 24-4746-D MAPLE LAWN FARMS BUSINESS DISTRICT AREA 2 PARCEL "C-28'

HOWARD COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS

					·		
WEBER, P.A.	DATE	PROFESSIONAL CERTIFICATION	UNITE OF MARY	· · ·			
LANDSCAPE ARCHITECTS	JULY, 2012	I HEREBY CERTIFY THAT THESE PLANS WERE PREPARED OR APPROVED BY ME,	MAK OUSCIE		······································		
E OFFICE PARK		AND THAT I AM A DULY LICENSED				•	
2524 FAX: 301-421-4186	G.L.W. No.	LAWS OF THE STATE OF MARYLAND, LICENSE NO. 12975				· · · · · · · · · · · · · · · · · · ·	
V DRN. KLP CHK. CKG	11095	EXP. DATE: <u>MAY 26, 2014</u>	CONAL BASIS	BY N	10	REVISION	DATE
				• •			

PE OF BUILDING	OFFICE BUILDING
JMBER OF UNITS	<u> </u>
JMBER OF S.H.C.'s	· · · · · · · · · · · · · · · · · · ·
JMBER OF W.H.C.'s	<u> </u>
REA OF COMMERCIAL	LOT/PARCEL 6.0 ACRES
WER SHED	LITTLE PATUXENT
JMPING STATION	LITTLE PATUXENT WATP
· · · · · · · · · · · · · · · · · · ·	



## GENERAL NOTES

- A. APPROXIMATE LOCATIONS OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- B. TOPOGRAPHIC FIELD SURVEYS WERE PERFORMED ON AUGUST 4, 2011 BY LEO W. RADER.
- THE COORDINATES SHOWN ON THE DRAWINGS ARE BASED ON MARYLAND STATE REFERENCE SYSTEM NAD '83/91' AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. NO. 46BC AND NO. 46BD.
- D. ALL VERTICAL CONTROLS ARE BASED ON NAVD'88. VERTICAL CONTROLS PROVIDED ON THE DRAWINGS ARE STANDARD DISCS ON CONCRETE MONUMENTS.
- E. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED ON THE PLANS.
- F. CLEAR ALL UTILITIES BY A MINIMUM OF 12 INCHES. CLEAR ALL POLES BY 5'- O' MINIMUM OR TUNNEL AS REQUIRED UNLESS OTHERWISE NOTED. THE OWNER HAS CONTACTED THE UTILITY COMPANIES AND HAS MADE ARRANGEMENTS FOR BRACING OF POLES AS SHOWN ON THE DRAWINGS. IN THE EVENT THE CONTRACTOR'S WORK REQUIRES THE BRACING OF ADDITIONAL POLES, ANY COST INCURRED BY THE OWNER FOR THE BRACING OF ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONIES OWED BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
- G. FOR DETAILS NOT SHOWN ON THE DRAWING, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.
- H. WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL I AT THE LOCATIONS OF THE TEST PITS. A NOTE OR NOTES CONTAINING THE RESULTS OF THE TEST PIT OR PITS IN INCLUDED ON THE DRAWINGS. Existing utilities in the vicinity of the proposed work for which test pits have not been dug shall be LOCATED BY THE CONTRACTOR TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS AT HIS OWN EXPENSE.
- THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

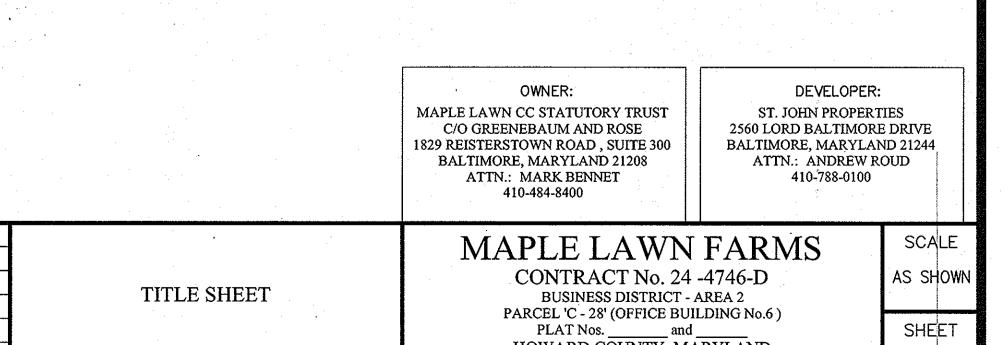
ATET
BGE (CONSTRUCTION SERVICES)
BGE (EMERGENCY)
BUREAU OF UTILITIES
COLONIAL PIPELINE COMPANY
MISS UTILITY
STATE HIGHWAY ADMINISTRATION
VERIZON

00-252-1133	
2-850-4620	
0-685-1400	1.00
0-313-4900	
0-795-1390	
00-257-7777	
0-531-5533	
00-743-0033/41	0-224-9210

- TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT. TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT BE REMOVED OR DAMAGED BY THE CONTRACTOR.
- K. THE CONTRACTOR SHALL REMOVE TREES, STUMPS, AND ROOTS ALONG THE LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONSTRUCTION OF THE MAIN.
- THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410)313-7450 AT LEAST FIVE WORKING DAYS BEFORE OPEN CUTTING OR BORING/JACKING OF ANY COUNTY ROAD FOR LAYING WATER/SEWER MAINS OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114(A) OF THE HOWARD COUNTY CODE.

PART II - WATER A. ALL WATER MAINS TO BE D.I.P. CLASS 54 UNLESS OTHERWISE NOTED.

- B. TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3'-6" OF COVER UNLESS OTHERWISE NOTED.
- C. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- D. ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
- E. FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE RESTRAINED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS. THE SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND 1005 OF THE STANDARD SPECIFICATIONS.
- F. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- G. ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING UNLESS OTHERWISE NOTED ON PLANS OR IN SPECIFICATIONS.
- H. FOR SPRINKLER SYSTEM FOR ALL TOWN HOMES OR MULTI-FAMILY DWELLING UNITS SHOULD HAVE A MINIMUM OF I' CONNECTION WITH A 3/4" METER.



600' SCALE MAP NO. 46

BLOCK NO. 4

HOWARD COUNTY, MARYLAND ELECTION DISTRICT No. 5

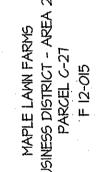
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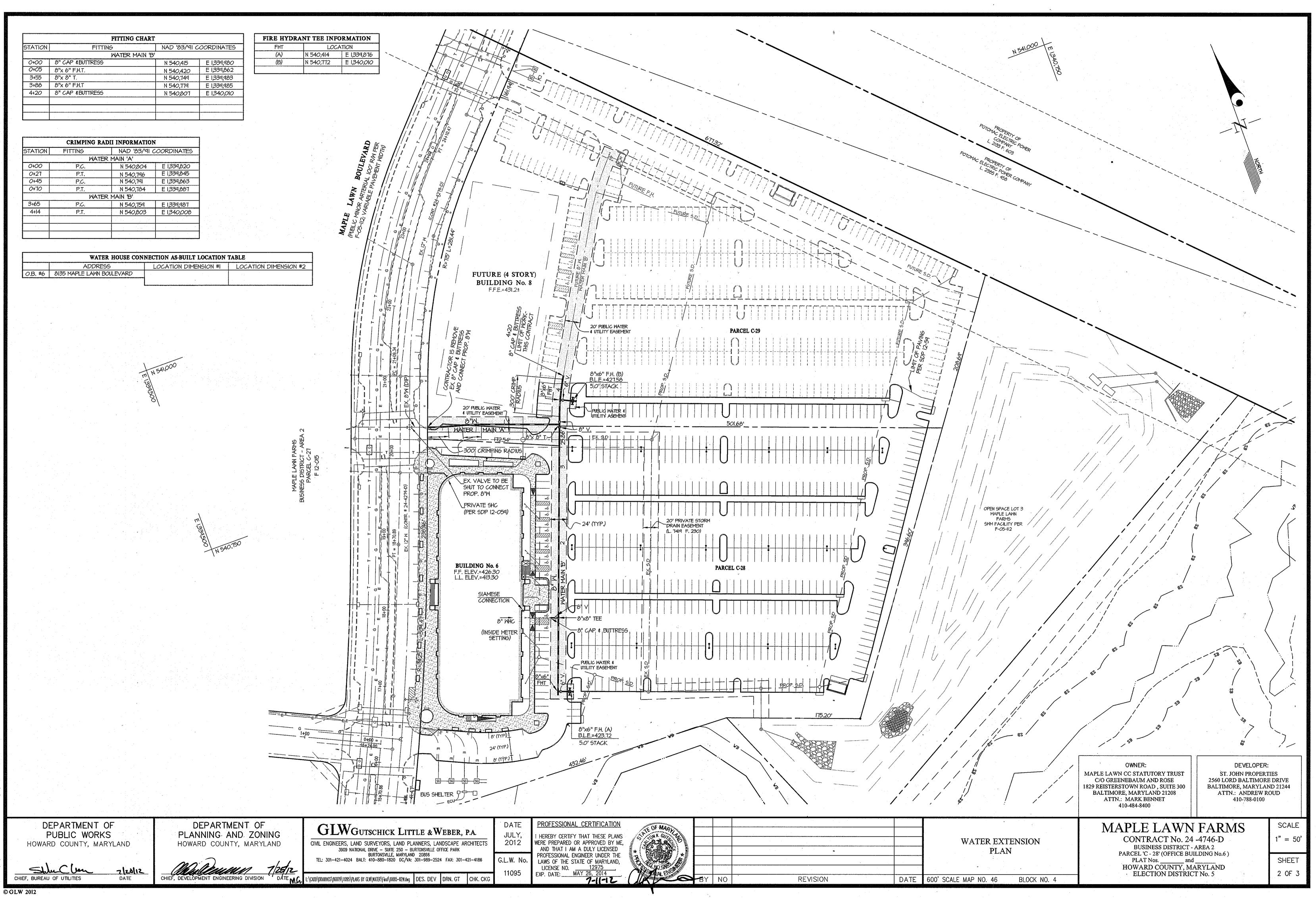
	FITTING CH	ART	
STATION	FITTING	NAD '83/'91 (	COORDINATES
	WATER MAIN	1 'B'	
0+00	8" CAP & BUTTRESS	N 540,415	E 1,339,980
0+05	8"x 6" F.H.T.	N 540,420	E 1,339,862
3+55	8"x 8" T.	N 540,749	E 1,339,983
3+88	8"x 6" F.H.T	N 540,779	E 1,339,985
4+20	8" CAP & BUTTRESS	N 540,807	E 1,340,010

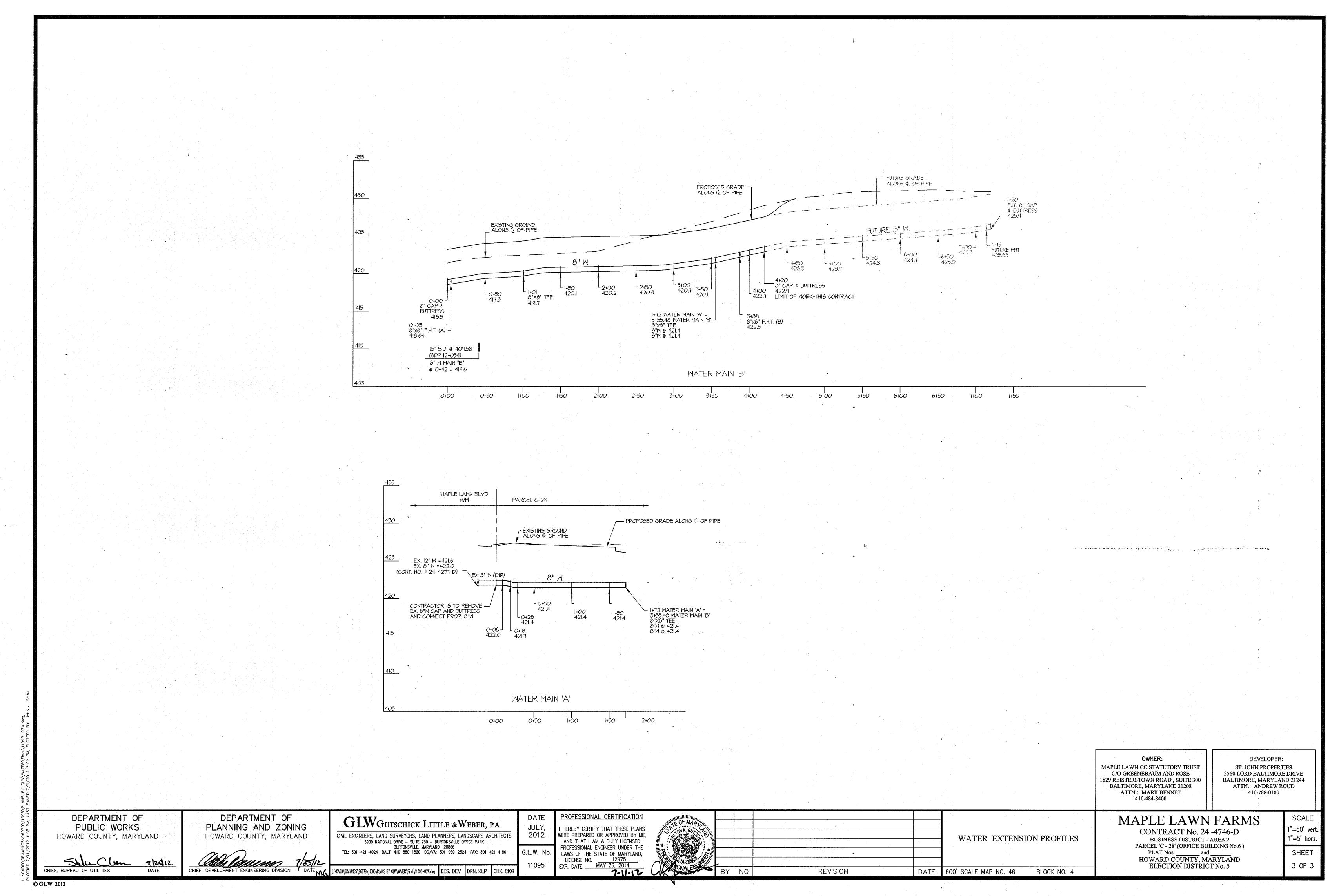
FIRE HIDRAL	AI IEE INFU	KMAIION
FHT	LOCA	TION
(A)	N 540,414	E 1,339,876

	CRIMPING RAI	DII INFORMATION	€ j s				
STATION	FITTING	NAD '83/'91 COORDINATES					
	WATER	MAIN 'A'					
0+00	P.C.	N 540,804	E 1,339,820				
0+27	P.T.	N 540,796	E 1,339,845				
0+45	P.C.	N 540,791	E 1339,863				
0+70	P.T.	N 540,784	E 1339,887				
	WATER	MAIN 'B'					
3+65	P.C.	N 540,759	E 1,339,987				
4+14	P.T.	N 540,803	E 1340,008				
		a al an an an an the					
• .	:						

WATER HOUSE CONNECTION AS-BUILT LOCATION TABLE							
	ADDRESS	LOCATION DIMENSION #1	LOCATION DIMENSION #2				
O.B. #6	8135 MAPLE LAWN BOULEVARD						
	x · · · ·						







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VEBER, P.A. NDSCAPE ARCHITECTS FFICE PARK 4 FAX: 301-421-4186 DRN. KLP CHK. CKG	DATE JULY, 2012 G.L.W. No. 11095	PROFESSIONAL CERTIFICATION I HEREBY CERTIFY THAT THESE PLANS 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. <u>12975</u> EXP. DATE: <u>MAY 26, 2014</u>	AD THE OF MARIE	- BY	NO	REVISION	*		DATE
			Y						