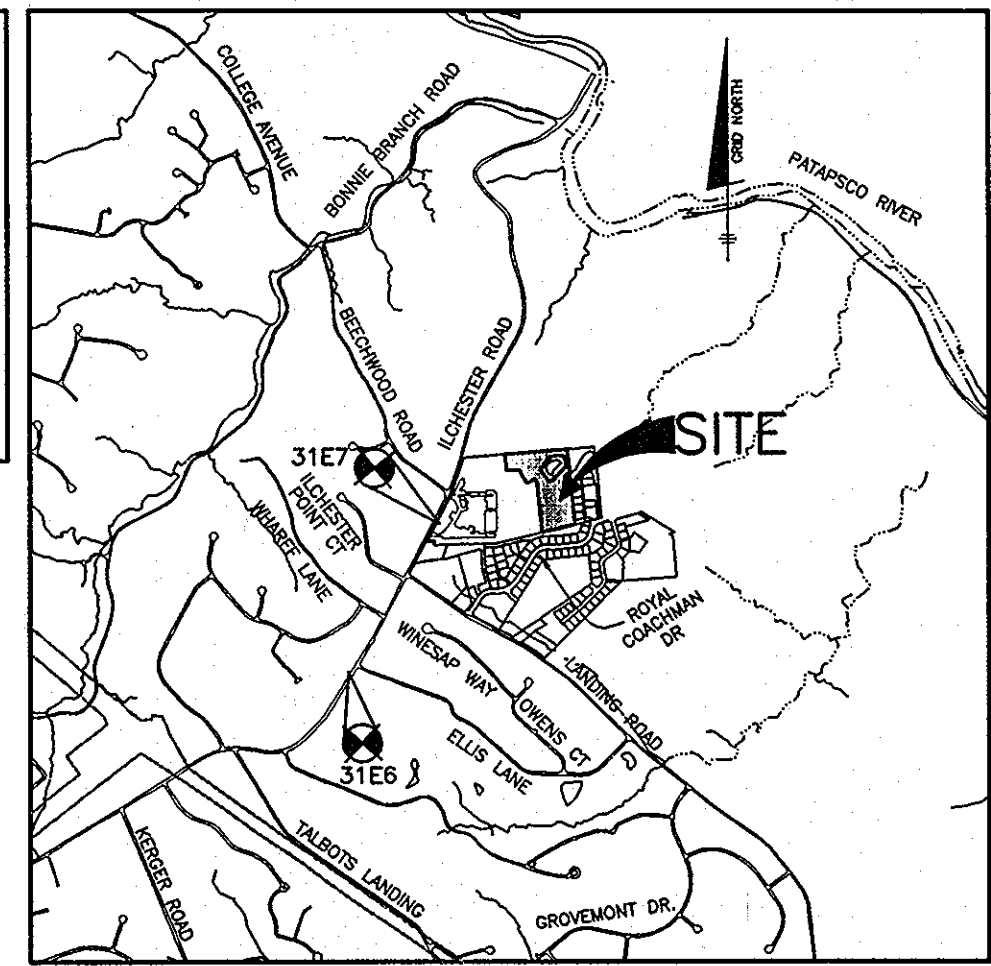


# CASCADE OVERLOOK SECTION III

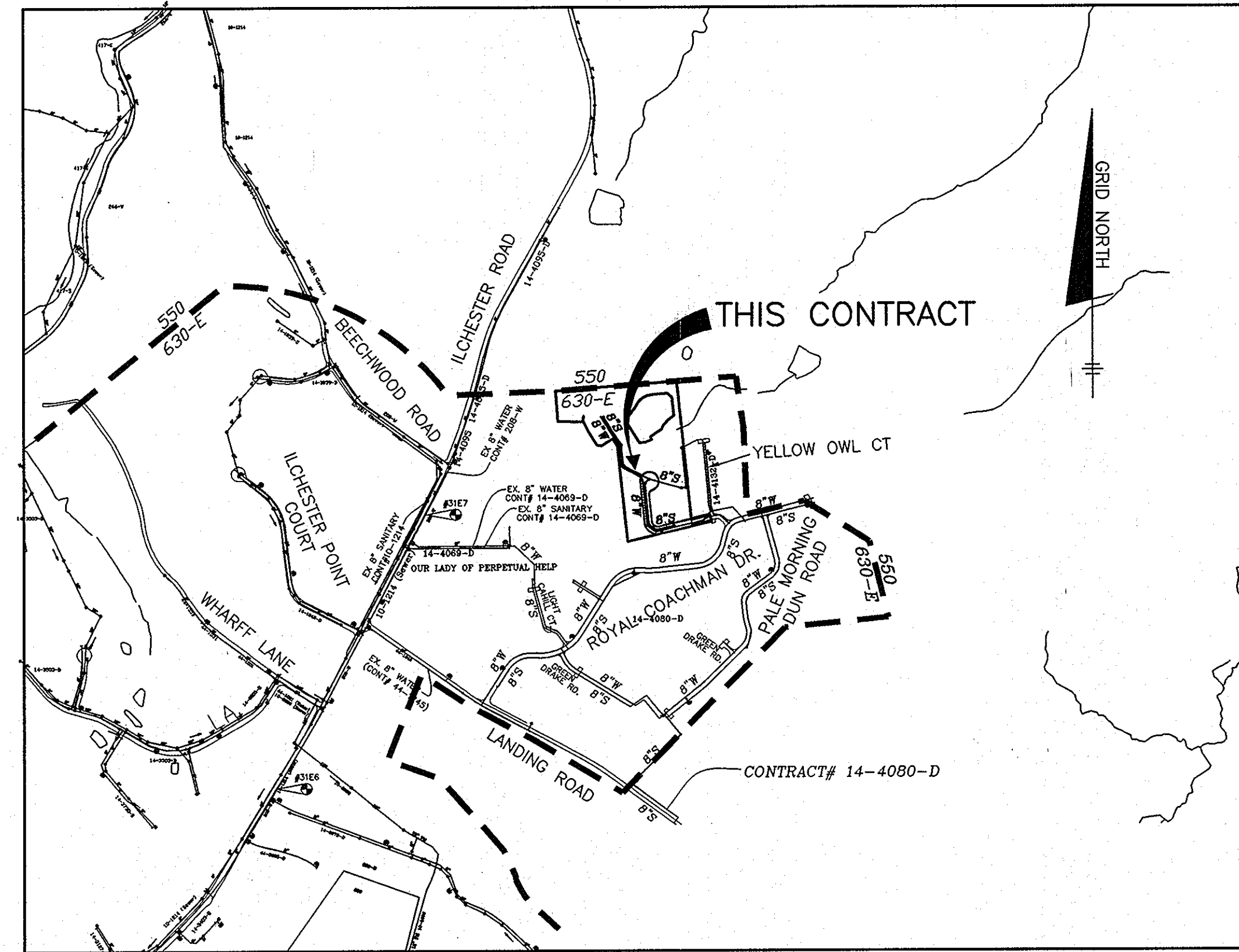
## PUBLIC WATER AND PUBLIC SEWER CONSTRUCTION PLANS

### CONTRACT NO. 14-4290-D

BENCH MARKS NAD'83	
HO. CO. #3166	
3/4" REBAR 0.5' BELOW SURFACE	
5' SOUTHWEST OF ILCHESTER ROAD PAVING	
500'± WEST OF WHARF LANE	E 1376700.6467'
N 570652.3717'	
HO. CO. #3167	
3/4" REBAR 0.5' BELOW SURFACE	
9' SOUTHWEST OF ILCHESTER ROAD PAVING	
250'± WEST OF BEECHWOOD ROAD	E 1377504.0332'
N 572335.3503'	
HO. CO. BM#2745004	ELEV. 364.78'
USED FOR VERTICAL CONTROL.	



VICINITY MAP  
SCALE: 1" = 2000'  
ADC MAP: 4936  
GRID: H2



VICINITY MAP  
SCALE: 1" = 800'

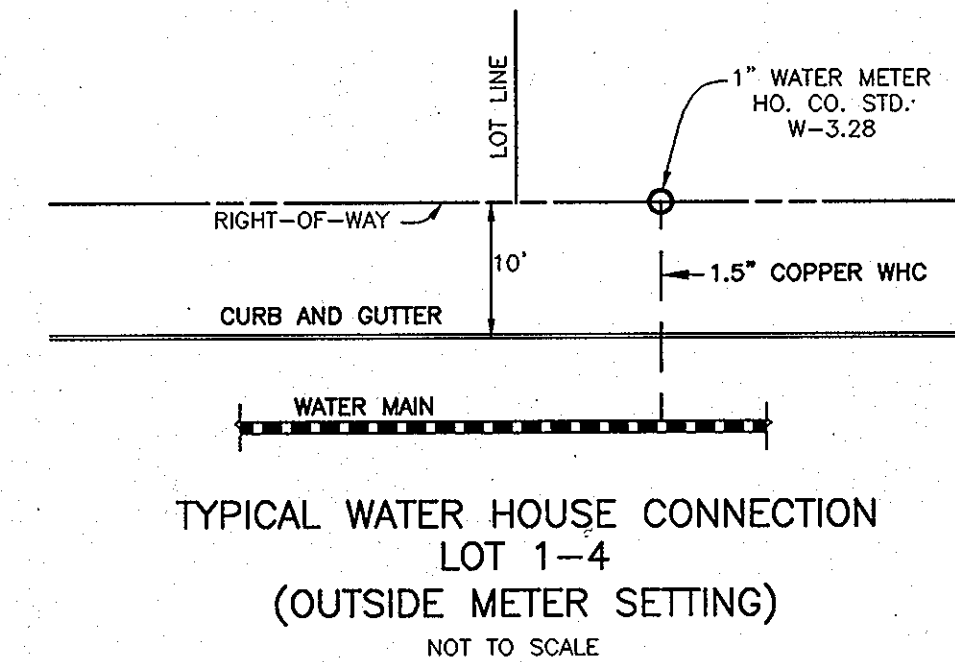
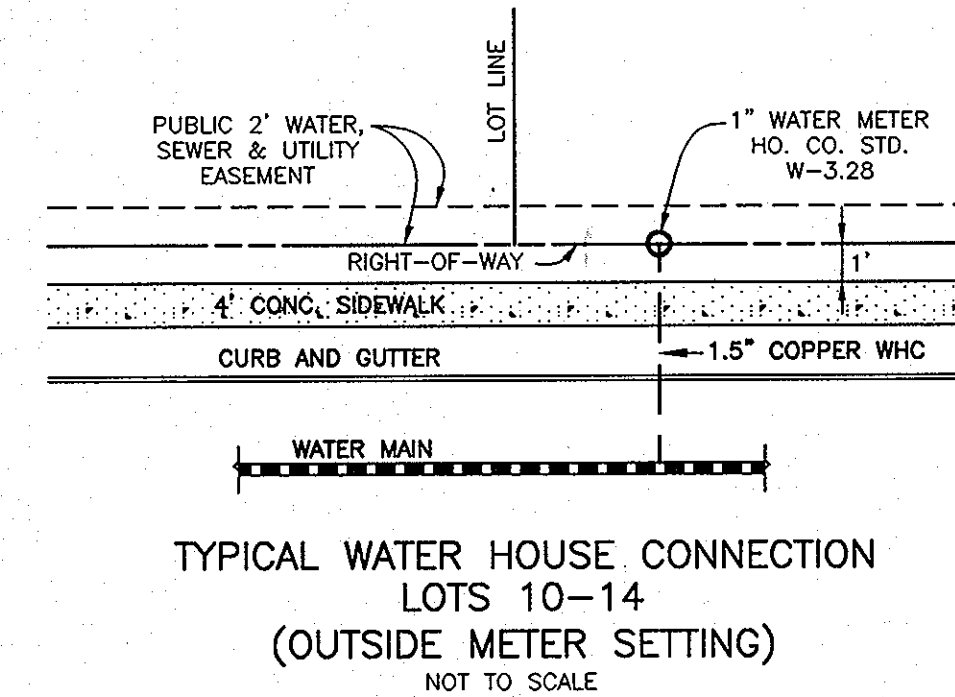
TYPE OF BUILDING:	SFD
NO. OF LOTS/PARCELS/UNITS:	14
NUMBER OF SHC'S:	14
NUMBER OF WHC'S:	14
DRAINAGE AREA:	PATAPSCO
TREATMENT PLANT:	PATAPSCO WASTEWATER TREATMENT PLANT
WATER ZONE:	630-E
TEST GRADIENT:	780

#### PART II - WATER (CONT'D)

- FOR PVC WATER MAINS, ALL RECORDS FOR THE QUALITY CONTROL AND QUALIFICATION TEST REQUIREMENTS NOTED IN SECTION 61 OF THE ANNAPOLIS STANDARD C900 FOR PVC PRESSURE PIPE SHALL BE SUBMITTED WITH THE PIPE MATERIAL CERTIFICATIONS OR SHOP DRAWINGS PRIOR TO APPROVAL OF THE MATERIAL FOR USE. THE TEST RECORDS SHALL BE FOR THE PIPE TO BE INSTALLED UNDER THIS CONTRACT. ALL PVC PIPE SHALL CONTAIN MARKINGS TO ALLOW CROSS REFERENCING OF THE PIPE SUPPLIED TO THE TEST RECORDS RECEIVED.
- UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS, SEVENTEEN (17) POUND SACRIFICIAL ANODES SHALL BE INSTALLED ON ALL VALVES AND METALLIC FITTINGS USED WITH PVC WATER MAINS IN ACCORDANCE WITH VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION. MAGNESIUM ANODES SHALL BE INSTALLED ON ALL VALVES AND DUCTILE IRON FITTINGS INCLUDING RESTRAINTS AND HARNESSES. ZINC ANODES SHALL BE INSTALLED ON ALL STAINLESS STEEL FITTINGS AND SADDLES USED WITH PVC MAINS. ALL "TEES" USED WITH PVC MAINS SHALL BE DUCTILE IRON.

#### LEGEND

--- PROJECT BOUNDARY
--- PROPOSED SEWER
--- PROPOSED SEWER HOUSE CONNECTION
--- PROPOSED WATER
--- PROPOSED WATER HOUSE CONNECTION
--- PROPOSED FIRE HYDRANT



#### GENERAL NOTES

##### PART I - GENERAL

- 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.
- TOPOGRAPHIC FIELD SURVEYS WERE PERFORMED IN FEBRUARY, 2003 BY HOWARD COUNTY ENGINEERING, INC.
- 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. 0012 AND NO. 16E1.
- ALL VERTICAL CONTROLS ARE BASED ON NAVD '88. VERTICAL CONTROLS PROVIDED ON THE DRAWINGS ARE 0012 AND 16E1.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED ON THE PLANS.
- CLEAR ALL UTILITIES BY A MINIMUM OF 12 INCHES. CLEAR ALL POLES BY 4'-0" 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 OWNED BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
- 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.
- WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL AT THE LOCATIONS OF THE TEST PITS. A NOTE OR NOTES CONTAINING THE RESULTS OF THE TEST PIT OR PITS IS 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 (5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:  
AT&T.....1-800-252-1133  
BGE (CONSTRUCTION SERVICES).....410-850-4620  
BGE (EMERGENCY).....410-685-1400  
BUREAU OF UTILITIES.....410-313-4900  
COLONIAL PIPELINE CO.....410-795-1390  
MISS UTILITY.....1-800-257-7777  
STATE HIGHWAY ADMINISTRATION.....410-531-5533  
VERIZON.....1-800-743-0033/410-224-9210
- TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT. TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.
- THE CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG 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 (5) 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 DPM REQUIREMENTS PER SECTION 18.114(c) OF THE HOWARD COUNTY CODE.

##### PART II - WATER

- ALL WATER MAINS SHALL BE D.I.P. CLASS 54 UNLESS OTHERWISE NOTED.
- TOPS OF ALL WATER MAINS SHALL HAVE A MINIMUM OF 3'-6" OF COVER UNLESS OTHERWISE NOTED.
- VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
- FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE RESTRAINED AND BUTTRESSED OR ANCHORED IN CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS. THE SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND SECTION 1005 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- TEEE WIRES AND CONTINUITY TEST STATIONS SHALL BE INSTALLED ON ALL DIP AND PVC WATER MAINS IN ACCORDANCE WITH THE HO. CO. DESIGN MANUAL.

##### PART III - SEWER

- ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED.
- ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- FORCE MAINS SHALL BE D.I.P. ONLY.
- MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.
- MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVER, STANDARD DETAIL 65.52, WHERE WATERTIGHT MANHOLE FRAMES AND COVERS ARE USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATES THAT CELLAR CANNOT BE SERVED.

QUANTITIES				
ITEMS	QUANTITIES ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	MANUF./SUPPLIER
8" PVC C900 DE-18 WATER	1046 LF	1046	C-900 DE-18	N.AMERICAN PIPE CO.
FIRE HYDRANTS (INCL. 8"x6" TEE & VALVE)	2 EACH	2 EA.	A-423	MUELLER CO.
1.5" WHC	325 LF	325	TYPE K	MUELLER CO.
DEFLECTION COUPLINGS	12 EA.			
8" VALVE	1 EA.	1	GATEVALVE	MUELLER CO.
8" PVC SEWER	1281 LF	1274	SDR-35	N.AMERICAN PIPE CO.
MANHOLES	11 EACH	11	PRE-CAST	ATLANTIC CONCRETE PRODUCTS
V.F. OF MANHOLES (total)	116 VF			
4" SHC	247 LF		SDR-35	N.AMERICAN PIPE CO.
TYPE 'A' DEEP HOUSE CONN.	6 EA.			

NAME OF UTILITY CONTRACTOR: CCS  
SURVEY AND DRAFTING DIVISION AS-BUILT DATE:

THIS PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD SOIL CONSERVATION DISTRICT.

*John R. Robertson*  
HOWARD SOIL CONSERVATION DISTRICT  
DATE: 6/14/11

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 308 OF THE HOWARD COUNTY STANDARD SPECIFICATIONS AND AS PER F-11-034

OWNER/DEVELOPER:  
SECURITY DEVELOPMENT, LLC  
P.O. BOX 417  
ELLCOTT CITY, MARYLAND 21041  
410-465-4244

Professional Certification. I hereby certify that these documents 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. 28559, Expiration Date: 7-22-2011.

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING  
HOWARD COUNTY, MARYLAND

*John R. Robertson*  
CHIEF, BUREAU OF UTILITIES  
DATE: 6/14/11

*John R. Robertson*  
CHIEF, DEVELOPMENT ENGINEERING DIVISION  
DATE: 6/14/11

**BENCHMARK**  
ENGINEERS & LAND SURVEYORS & PLANNERS  
2480 BALTIMORE NATIONAL FIRE & SURETY BLDG. ELLCOTT CITY, MARYLAND 21043  
(P) 410-465-8100 (F) 410-465-8644  
60 THOMAS JOHNSON DRIVE A/FREDERICK, MARYLAND 21702  
(P) 301-371-3505 (F) 301-371-3506  
WWW.BE-CIVILENGINEERING.COM



DES:	BFC/DBT			
DRAFT:	DBT			
CHK:	BFC	KCI	2	AS BUILT
DATE:	5/2011	BE1	1	REVISE WATER MAIN TO BE PVC C900 DE-18
BY:	NO.			
				REVISIONS
				DATE

SHEET INDEX	
NO.	DESCRIPTION
1	TITLE SHEET PUBLIC WATER & SEWER MAINS
2	PLAN VIEW, PUBLIC WATER & SEWER MAINS
3	PROFILES PUBLIC WATER & SEWER MAINS

**CASCADE OVERLOOK SECTION III**  
LOTS 1 thru 14  
OPEN SPACE LOTS 15 thru 17  
**CONTRACT NO. 14-4290-D**

TAX MAP: 31 - BLOCK: 10 - PARCEL: 260 - ZONED: R-ED - ELECTION DISTRICT: 1

SCALE:  
AS SHOWN

SHEET NO.  
1 OF 3

FIRE HYDRANTS  $\Delta$  MAINLINE VALVE

8" VALVE TO EXIST VALVE 8.1 FT.  
 8" V TO I-7 51.0 FT.  
 8" V TO I-8 54.4 FT.

F.H. 3+90 TO F.H.V. 8.0 FT.  
 F.H. 3+90 TO SMH #71 23.0 FT.  
 F.H. 7+12 TO SMH #75 25.4 FT.  
 F.H. 7+12 TO F.H.V. 5.0 FT.

WATER HOUSE CONNECTION AS-BUILT LOCATION TABLE

LOT	ADDRESS	LOCATION DIMENSION 1	LOCATION DIMENSION 2
1	4915 MARCH BROWN ROAD	SANITARY MANHOLE #76 23.2'	STORM DRAIN M-4 33.3'
2	4919 MARCH BROWN ROAD	SMH #76 78.0'	I-5 40.7'
3	4923 MARCH BROWN ROAD	SMH #75 71.0'	I-5 42.8'
4	4927 MARCH BROWN ROAD	SMH #75 31.5'	FIRE HYDRANT (F.H.) 28.0'
5	4945 MARCH BROWN ROAD	SMH #73 111.0'	LOT #5 SHC 8.0'
6	4949 MARCH BROWN ROAD	SMH #74 21.0'	LOT #6 SHC 6.0'
7	4948 MARCH BROWN ROAD	SMH #74 15.0'	LOT #7 SHC 6.5'
8	4944 MARCH BROWN ROAD	SMH #73 137.5'	LOT #8 SHC 10.0'
9	4940 MARCH BROWN ROAD	SMH #73 85.0'	SMH #74 125.2'
10	4926 MARCH BROWN ROAD	SMH #71 62.0'	SMH #75 57.0'
11	4922 MARCH BROWN ROAD	I-4 10.9'	I-5 33.3'
12	4918 MARCH BROWN ROAD	I-4 72.2'	SMH #76 46.0'
13	4914 MARCH BROWN ROAD	SMH #78 27.7'	F.H. 77.7'
14	4910 MARCH BROWN ROAD	SMH #78 48.6'	I-6 45.1'

SEWER HOUSE CONNECTION AS-BUILT LOCATION TABLE

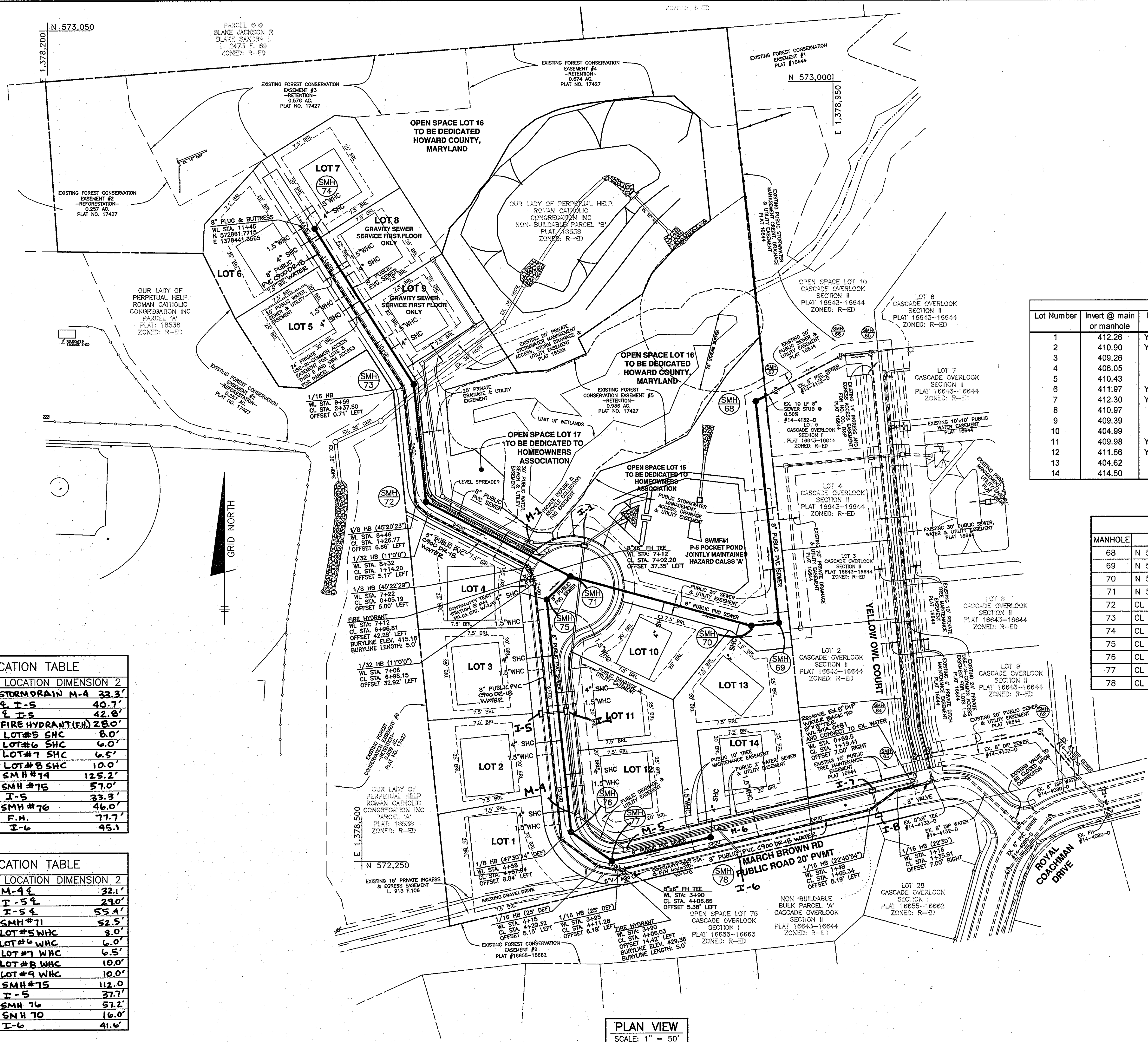
LOT	ADDRESS	LOCATION DIMENSION 1	LOCATION DIMENSION 2
1	4915 MARCH BROWN ROAD	SMH #76 27.2'	M-4 32.1'
2	4919 MARCH BROWN ROAD	SMH #76 89.5'	I-5 29.0'
3	4923 MARCH BROWN ROAD	SMH #76 60.0'	I-5 55.4'
4	4927 MARCH BROWN ROAD	SMH #75 28.0'	SMH #71 52.5'
5	4945 MARCH BROWN ROAD	SMH #73 108.0'	LOT #5 WHC 8.0'
6	4949 MARCH BROWN ROAD	SMH #74 23.0'	LOT #6 WHC 6.0'
7	4948 MARCH BROWN ROAD	SMH #74 12.0'	LOT #7 WHC 6.5'
8	4944 MARCH BROWN ROAD	SMH #73 127.5'	LOT #8 WHC 10.0'
9	4940 MARCH BROWN ROAD	SMH #73 43.2'	LOT #9 WHC 10.0'
10	4926 MARCH BROWN ROAD	SMH #71 96.2'	SMH #75 112.0'
11	4922 MARCH BROWN ROAD	I-4 19.8'	I-5 37.7'
12	4918 MARCH BROWN ROAD	I-4 60.9'	SMH #76 57.2'
13	4914 MARCH BROWN ROAD	SMH #79 45.0'	SMH #70 16.0'
14	4910 MARCH BROWN ROAD	SMH #78 19.0'	I-6 41.6'

SHC CHART

Lot Number	Invert @ main or manhole	Drop House	Invert @ top of standpipe	Invert @ R/W or esmt	Minimum Cellar	Notes
1	412.26	YES, Type A	418.26	418.56	422.60	SHC @ 2.0%
2	410.90	YES, Type A	415.90	416.20	420.22	SHC @ 2.0%
3	409.26	No		409.56	413.54	SHC @ 2.0%
4	406.05	No		406.59	410.47	SHC @ 2.0%
5	410.43	No		410.83	414.73	SHC @ 2.0%
6	411.97	YES, Type A	415.97	416.37	420.11	SHC @ 2.0%
7	412.30	YES, Type A	415.79	416.01	419.93	SHC @ 2.0%
8	410.97	No		411.17	414.89	SHC @ 2.0%
9	409.39	No		409.59	413.35	SHC @ 2.0%
10	404.99	No		405.19	409.01	SHC @ 2.0%
11	409.98	YES, Type A	412.98	413.32	417.24	SHC @ 2.0%
12	411.56	YES, Type A	414.56	414.90	418.82	SHC @ 2.0%
13	404.62	No		404.86	408.92	SHC @ 2.0%
14	414.50	No		414.86	419.28	SHC @ 2.0%

SEWER MANHOLE SCHEDULE

MANHOLE	LOCATION	RIM ELEVATION
68	N 572691.6165 E 1378876.3270	406.50
69	N 572478.3162 E 1378898.5272	409.00
70	N 572475.5594 E 1378872.0405	410.50
71	N 572523.2427 E 1378899.3022	414.29
72	CL STA. 1+23.41 OFFS. 2.90' RIGHT (USE-IN-COMMON DR)	415.38
73	CL STA. 2+37.50 OFFS. 9.56' RIGHT (USE-IN-COMMON DR)	414.43
74	CL STA. 4+13.00 OFFS. 8.00' RIGHT (USE-IN-COMMON DR)	424.07
75	CL STA. 6+91.00 OFFS. 14.81' LEFT (MARCH BROWN ROAD)	415.67
76	CL STA. 4+69.95 OFFS. 2.54' RIGHT (MARCH BROWN ROAD)	428.11
77	CL STA. 4+17.18 OFFS. 2.54' RIGHT (MARCH BROWN ROAD)	428.87
78	CL STA. 3+19.24 OFFS. 5.00' RIGHT (MARCH BROWN ROAD)	427.44



PLAN VIEW  
SCALE: 1" = 50'

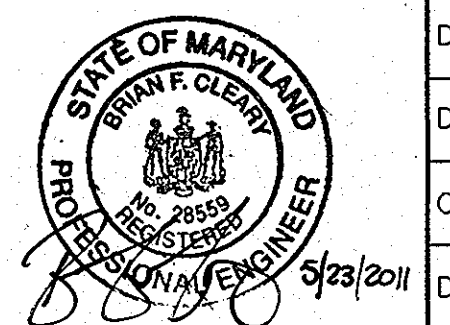
OWNER/DEVELOPER:  
 SECURITY DEVELOPMENT, LLC  
 P.O. BOX 417  
 ELLICOTT CITY, MARYLAND 21041  
 410-465-4244

Professional Certification. I hereby certify that these documents 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. 28559, Expiration Date: 7-22-2011.

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING  
 HOWARD COUNTY, MARYLAND

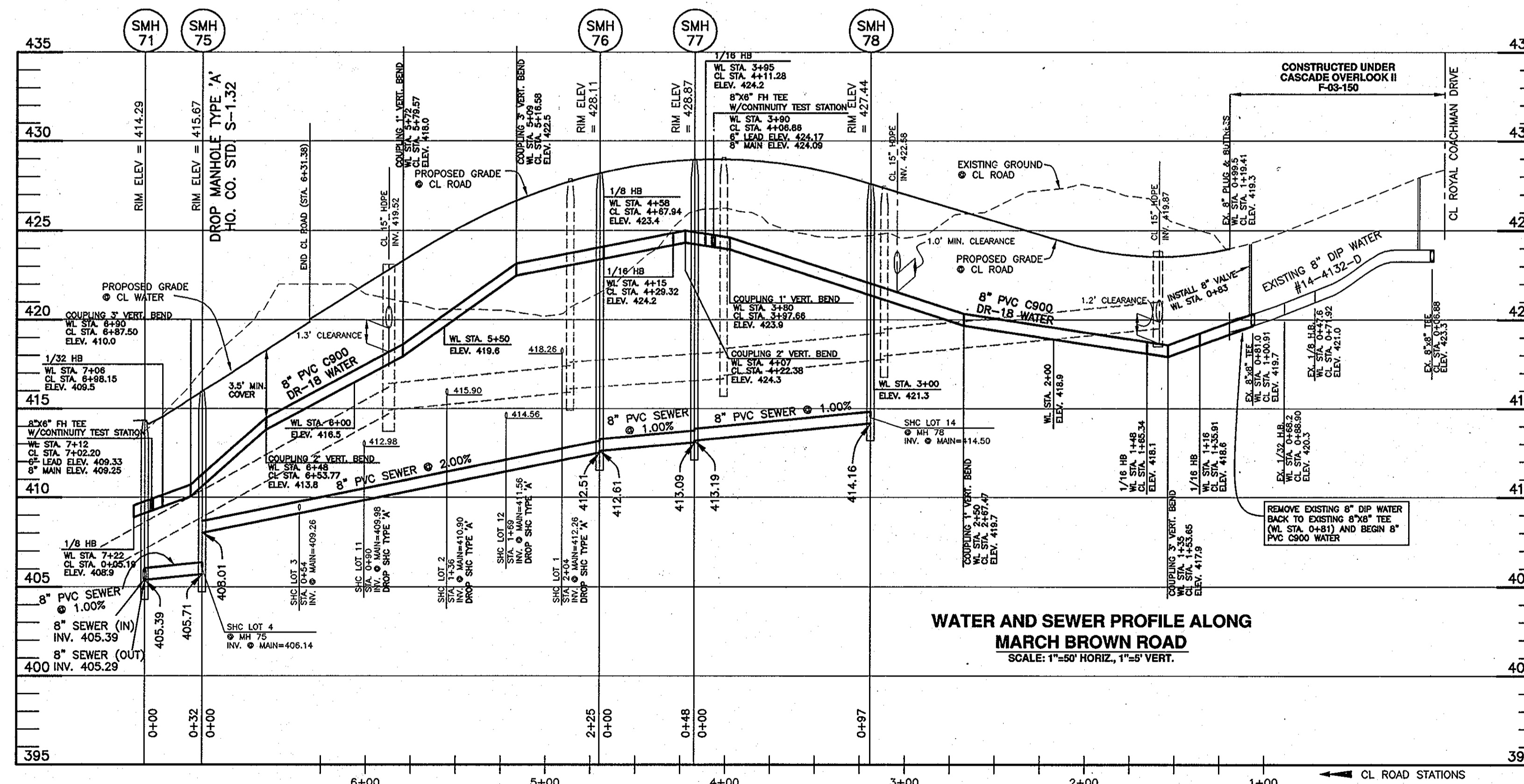
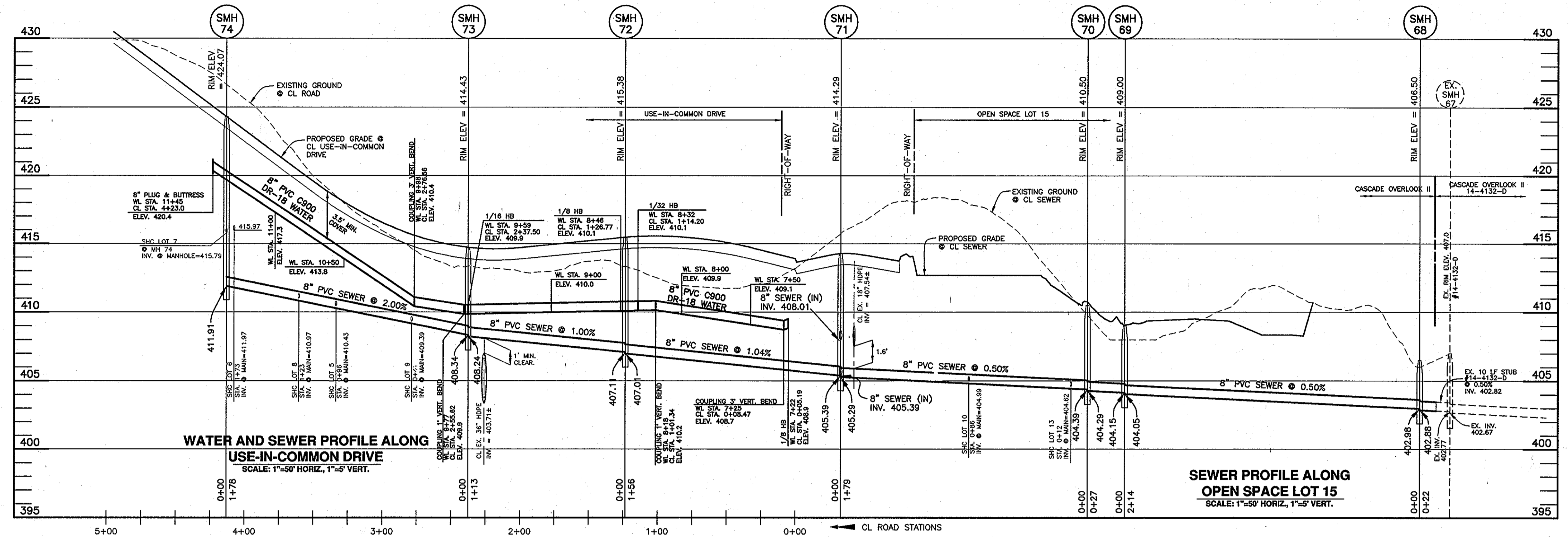
BENCHMARK  
 ENGINEERS & LAND SURVEYORS & PLANNERS  
 ENGINEERING, INC.  
 9480 BALTIMORE NATIONAL PIKE & SUITE 418 A ELLICOTT CITY, MARYLAND 21043  
 (P) 410-465-6105 (F) 410-465-6944  
 60 THOMAS JOHNSON DRIVE & FREDERICK, MARYLAND 21702  
 (P) 301-371-3505 (F) 301-371-3506  
 WWW.BE-CIVILENGINEERING.COM



DESIGN:	DBT
DRAFT:	DBT
CHK:	BFC
DATE:	5/2011
BY:	NO.

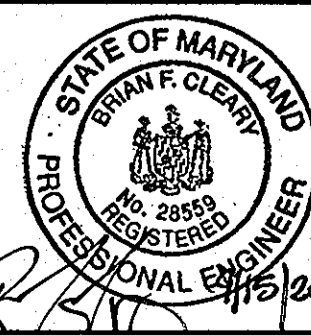
REVISIONS	DATE
AS BUILT	4-25-2013
REVISE WATER MAIN TO BE PVC C900 DR-18	9-15-2011

CASCADE OVERLOOK SECTION III  
 LOTS 1 thru 14  
 OPEN SPACE LOTS 15 thru 17  
 SCALE: AS SHOWN  
 SHEET NO. 2 OF 3  
 CONTRACT NO. 14-4290-D  
 TAX MAP: 31 - BLOCK: 10 - PARCEL: 260 - ZONED: R-ED - ELECTION DISTRICT: 1



OWNER/DEVELOPER:  
 SECURITY DEVELOPMENT, LLC  
 P.O. BOX 417  
 ELLICOTT CITY, MARYLAND 21041  
 410-465-4244

Professional Certification. I hereby certify that these documents 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. 28559, Expiration Date: 7-25-2013.



DESIGN:	DBT
DRAFT:	DBT
CHK:	BFC
DATE:	5/2011
BY:	NO.
REVISIONS:	
DATE:	

PROFILE VIEW  
 PUBLIC WATER & SEWER MAINS

600 SCALE MAP NO. 31 BLOCK: 10 200 SCALE MAP NO. 25

CASCADE OVERLOOK SECTION III  
 LOTS 1 thru 14  
 OPEN SPACE LOTS 15 thru 17  
 TAX MAP: 31 - BLOCK: 10 - PARCEL: 260 - ZONED: R-ED - ELECTION DISTRICT: 1  
**CONTRACT NO. 14-4290-D**

SCALE:  
 AS SHOWN  
 SHEET NO.  
 3 OF 3

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING  
 HOWARD COUNTY, MARYLAND

**BENCHMARK**  
 ENGINEERS & LAND SURVEYORS & PLANNERS  
**ENGINEERING, INC.**  
 8480 BALTIMORE NATIONAL PIKE & SUITE 418 A ELLICOTT CITY, MARYLAND 21043  
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 60 THOMAS JOHNSON DRIVE & FREDERICK, MARYLAND 21702  
 (P) 301-371-3565 (F) 301-371-3508  
 WWW.BE-CHELVENENGINEERING.COM

CHIEF, BUREAU OF UTILITIES  
 DATE: 9/23/11

CHIEF, DEVELOPMENT ENGINEERING DIVISION  
 DATE: 9/23/11