PR	IVATE WELL & F	PRIVATE SEPTIC	SYSTEM C	HART
PARCEL NO.	ADDRESS	OWNER	ABANDON WELL	ABANDON SEPTIC
12	10730 SCAGGSVILLE ROAD	STEPHEN & BARBARA FORNEY	N/A	YE5
NOTE: WATER METERS WILL NOT BE RELEASED BY HOWARD COUNTY TO ANY NEW BUILDING UNTIL THE				

EXISTING WELLS AND SEPTIC SYSTEMS HAVE BEEN ABANDONED IN ACCORDANCE WITH HOWARD COUNTY HEALTH DEPARTMENT REGULATIONS AND THE EXISTING BUILDINGS ARE CONNECTED TO THE PUBLIC WATER AND SEWER MAINS.

DEVELOPER'S CERTIFICATION

" I/WE HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT THE DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS

SIGNATURE OF DEVELOPER

ENGINEER'S CERTIFICATION " I HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY

PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL

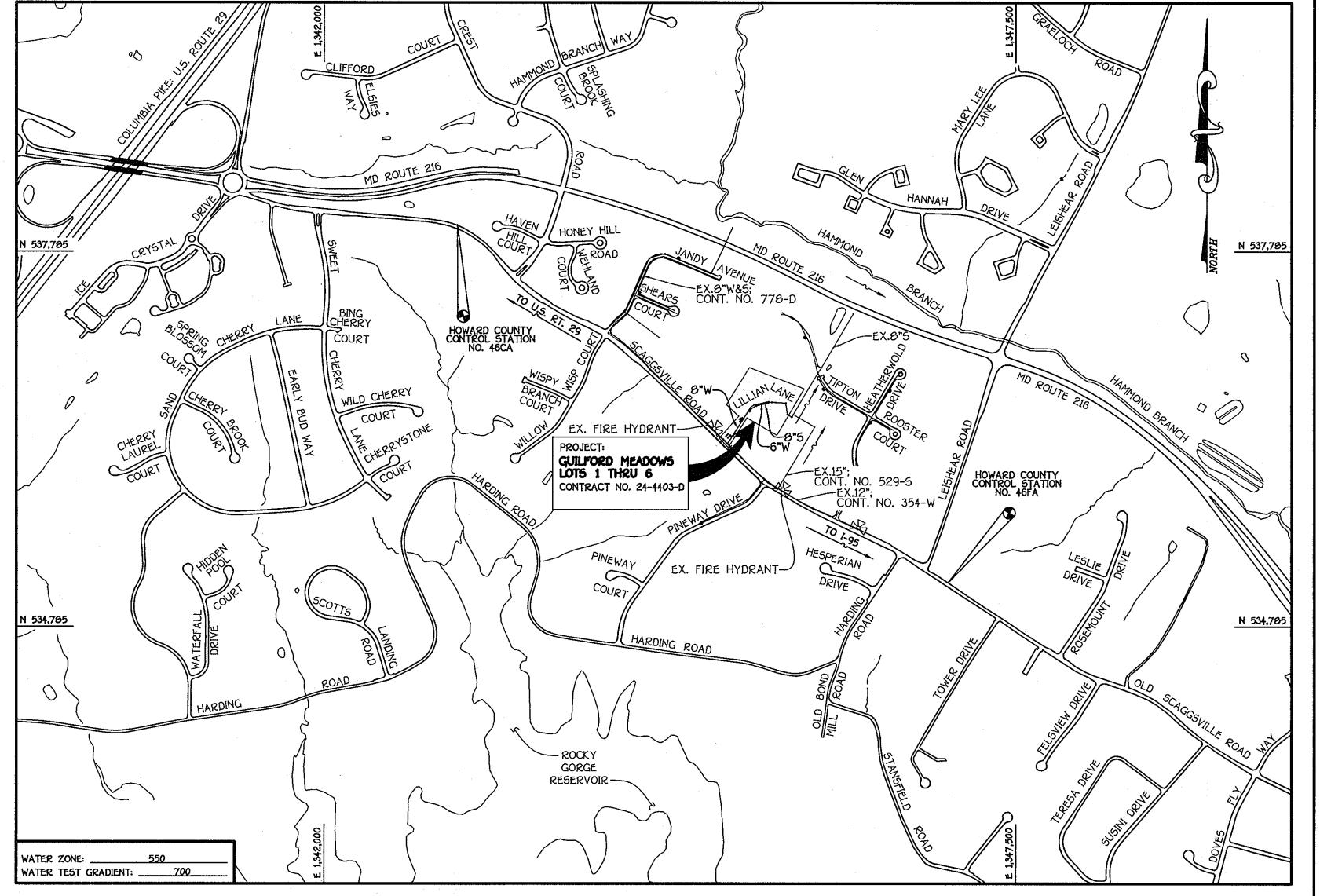
CONSERVATION DISTRICT."

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY DESIGN MANUAL & STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL

SIGNATURE OF DEVELOPER

GP-08-031

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



CONTRACT NO. 24-4403-D

# GUILFORD MFADOWS

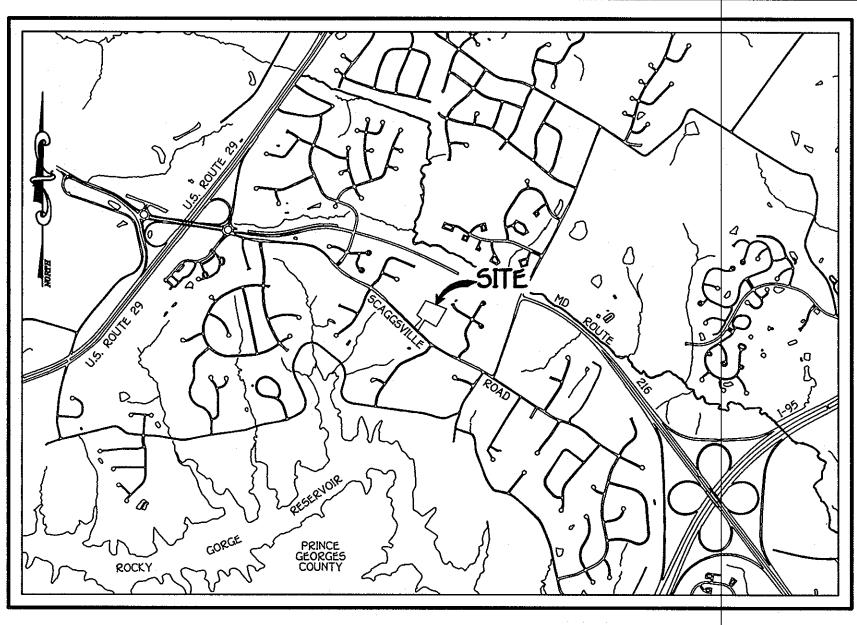
LOTS 1 THRU 6 SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

> BUIL DATE: FEBRUARY 5,2010

PLAN REFERENCE NUMBERS:

5-09-017 F-09-XX

(RECORD PLAT)



## GENERAL NOTES

1. 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 ON OR ABOUT APRIL, 2006 BY FISHER, COLLINS & CARTER, INC. 3. HORIZONTAL AND VERTICAL CONTROLS: THE COORDINATES SHOWN ON THE DRAWINGS ARE BASED ON MARYLAND STATE REFERENCE SYSTEM NAD '93/91' AS PROJECTED

BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 47CA & NO. 47FA. SEE THIS SHEET FOR BENCHMARK INFORMATION. ALL VERTICAL CONTROLS ARE BASED ON NAVD '80. VERTICAL CONTROLS ARE BASED ON TRAVERSE POINT NO. 7000) AN IRON PIPE SET ON THE NORTH SIDE OF SCAGGSVILLE ROAD. ELEV. 404.69. I. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED ON THE PLANS. 5. CLEAR ALL UTILITIES BY A MINIMUM OF 12 INCHES. CLEAR ALL POLES BY 5'-0" MINIMUM OR TUNNEL AS REQUIRED UNLESS

COST INCURRED BY THE OWNER FOR THE BRACING OF THE ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONIES

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 BRACING OF ADDITIONAL POLES. ANY

MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB SITE. . 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. 8. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

AT&T . . . . 1-000-252-1133 BGE (CONSTRUCTION SERVICES) . . . . 410-850-4620 BGE (EMERGENCY) . . . . . 410-605-1400 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

9. 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.

10. 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 THE CONSTRUCTION OF THE MAIN.

1. 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

#### PART II: WATER

1. EXCEPT FOR THE 12"XB" TAPPING SLEEVE & VALVE, WM. STA. 0+00.00 TO 0+03.00; ALL WATER MAINS SHALL AWWA C900

PVC PIPE OTHERWISE NOTED. 2. TOPS OF ALL WATER MAINS SHALL HAVE A MINIMUM OF 3'-6" OF COVER UNLESS OTHERWISE NOTED.

3. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES. 4. ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.

5. FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH STANDARD DETAILS. THE SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN

ACCORDANCE WITH SECTION 1000 AND SECTION 1005 OF THE STANDARD SPECIFICATIONS. 6. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.

7. ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE

1. ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED. 2. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED

3. FORCE MAINS SHALL BE D.LP. ONLY. 4. MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.

5. MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVER, STANDARD DETAIL G5.52. WHERE WATERTIGHT MANHOLE FRAMES AND COVERS ARE USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.

6. HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATES THAT THE CELLAR CANNOT BE SERVED.

BENCHMARK INFORMATION B.M. 1 - HOWARD COUNTY CONTROL STATION .46FA (NAD '83)

(LOCATED ON THE NORTH SIDE OF SCAGGSVILLE ROAD, APPROX. 100' EAST FROM THE INTERSECTION OF SCAGGSVILLE ROAD AND LEISHEAR ROAD) E 1,346,962.69

ELEVATION = 403.65

B.M.\*2 - HOWARD COUNTY CONTROL STATION \* 46CA (NAD '03)
(LOCATED ALONG THE NORTH SIDE OF SCAGGSVILLE ROAD, DIRECTLY IN FRONT OF HOUSE NO. 10946
APPROX. 10' OFF THE EDGE OF PAVING) N 538,001.053 E 1,343,059.945 ELEVATION = 399.965

> DEVELOPER HAMILTON REED

8000 MAIN STREET ELLICOTT CITY, MARYLAND 21045 410-480-9105

CONTRACT NO. 24-4403-D GUILFORD MEADOWS LOTS 1 THRU 6 SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND



RESIDENTIAL: SINGLE FAMILY DETACHED

LITTLE PATUXENT

TREATMENT PLANT: LITTLE PATUXENT WATER RECLAMATION PLANT, SAVAGE MD

TYPE OF BUILDING:

NUMBER OF LOTS:

DRAINAGE AREA:

NO. OF WATER HOUSE CONNECTIONS:

NO. OF SEWER HOUSE CONNECTIONS:

E BARRA	Designed by B.C.R.
	DRAWN BY : B.C.R.
	CHECKED BY P.W.K.
	DATE:

JUNE, 2009	βY	NO.	REVISION	DATE	FILE
DATE : JUNE, 2009					
P.W.K.					
CHECKED BY :				ļ ·	
B.C.R.					
DRAWN BY :					
	2				

WATER AND SEWER MAINS TITLE SHEET

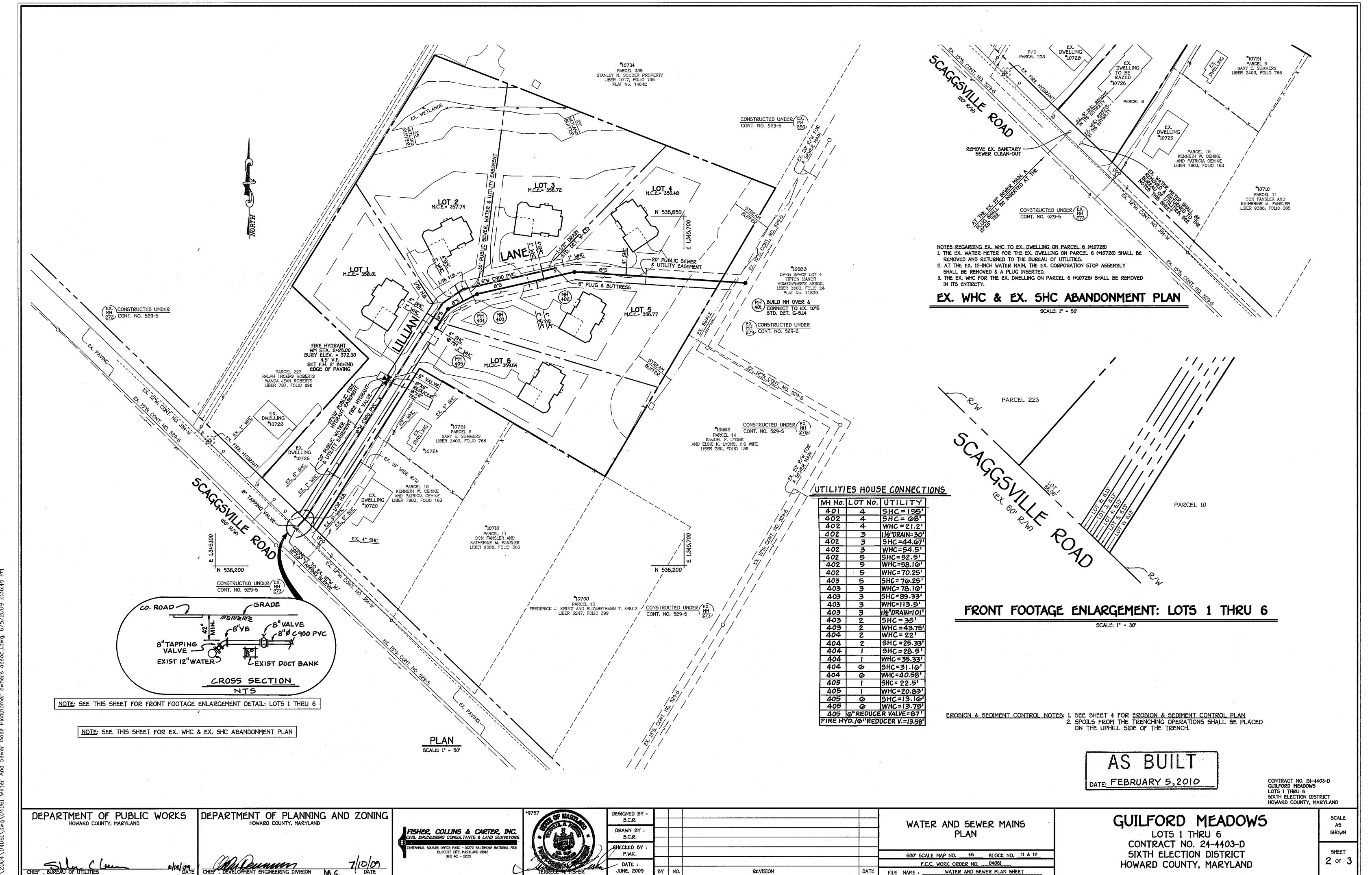
600' SCALE MAP NO. 46 BLOCK NO. 11 & 12 F.C.C. WORK ORDER NO. \_\_\_\_04061 E NAME : WATER AND SEWER TITLE SHEET

## GUILFORD MEADOWS

LOTS 1 THRU 6 CONTRACT NO. 24-4403-D SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND SHOWN SHEET

SCALE

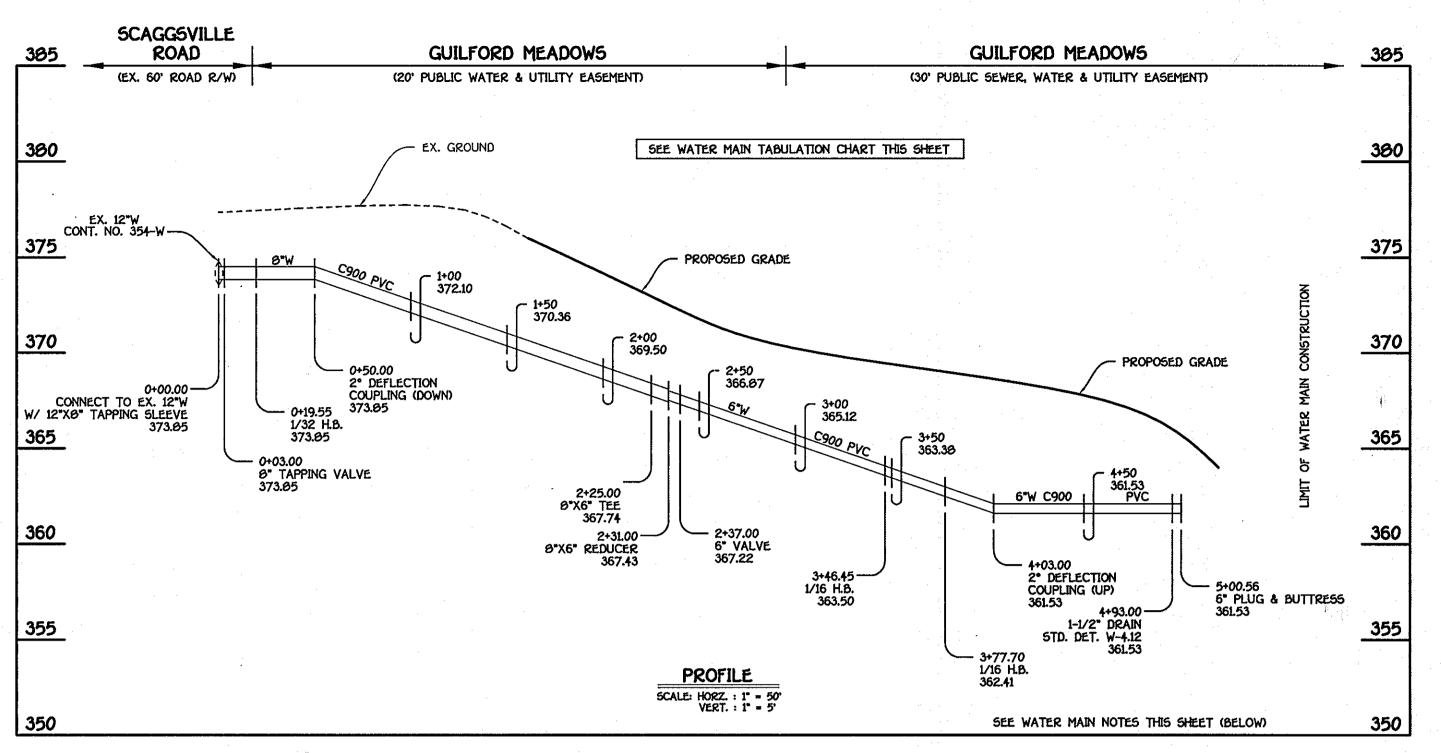
1 of 3



MANHOLE TABULATION CHART				
NO. NORTHING EASTING RIM ELEVATION				
401	536563.90	1345770.60	342.00*	
402	536570.21	1345559.61	363.67**	
403	536549.05	1345435.26	369.76**	
404	536530.39	1345397.95	369.39**	
405	536505.94	1345302.45	369.77**	

NOTE: \*SET MH RIM 1.5' ABOVE EXISTING GROUND; STD. DET. G-5.41
\*\*SET MH RIMS FLUSH W/PROPOSED GRADE

5HC INVE	RT @ PROPERTY LINE	CHART	
STATION	LOT	ELEVATION	
	MH 401 TO MH 402		
1+53 RT.	4	345.38	
MH 402 TO MH 403			
0+40 RT.	3	352.02	
0+70 LT.	5	351.07	
MH 403 TO MH 404			
0+20 RT.	2	352.83	
MH 404 TO MH 405			
0+19 RT.	1	353.21	
<b>Ø</b> MH 405 LT.	6	353.24	



### 8" & 6" WATER MAIN: LOTS 1 THRU 6

ſ .,,			14.0=			
WA	WATER MAIN TABULATION CHART					
W.M. STA. APPURTENANCE NORTHING EASTING						
	0" & 6" WATER MAIN:	LOTS 1 THRU 6				
0+00.00	12"XO" TAPPING SLEEVE	536247.77	1345202.42			
0+03.00	8" TAPPING VALVE	536249.94	1345204.50			
0+19.55	1/32 H.B.	536261.91	1345215.92			
2+25.00	Ø"X6" TEE	536435.44	1345325.92			
2+31.00	Ø"X6" REDUCER	536440.51	1345329.13			
2+37.00	6" VALVE	536445.57	1345332.35			
3+46.45	1/16 H.B.	536530.01	1345390.94			
3+77.70	1/16 H.B.	536555.05	1345416.61			
4+93.00	1-1/2" DRAIN	536501.49	1345529.02			
5+00.56	6" PLUG & BUTTRESS	536583.17	1345536.40			

- WATER MAIN NOTES: 1. EXCEPT FOR THE 12"X10" TAPPING SLEEVE & VALVE (WM STA. 0+00.00 TO WM STA. 0+03.00; SCAGGSVILLE ROAD), ALL WATER MAINS SHALL BE
  - AWWA C900 PVC PIPE.

    2. ALL PIPE BEDDING, TRACER WIRE, LOCATING TAPE AND OTHER APPURTENANCES SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME II - WATER AND SEWER STANDARDS FOR AWWA
  - C900 PVC WATER PIPE INSTALLATION.
    3. DEFLECTION COUPLINGS SHALL BE CERTAIN-TEED PVC HIGH DEFLECTION COUPLINGS.
  - 4. ALL WATER HOUSE CONNECTIONS AND TAPS SHALL BE PERFORMED USING A SADDLE.

DATE: FEBRUARY 5,2010

CONTRACT NO. 24-4403-D QUILFORD MEADOWS LOTS 1 THRU 6 SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND



•9757	OF MARIE	
2		
1	10000	
		4
TE	RRELL A. FISHER	

Designed by : B.C.R.					WATER AND SEWER MAINS
DRAWN BY : B.C.R.					PROFILES
ÇHECKED BY :				ļ	
P.W.K.				1	600' SCALE MAP NO
DATE:					F.C.C. WORK ORDER NO. 04061
JUNE, 2009	BY	NO.	REVISION	DATE	FILE NAME :WATER AND SEWER PROFILE SHEET

GUILFORD MEADOWS

LOTS 1 THRU 6 CONTRACT NO. 24-4403-D SIXTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND

SHOWN SHEET 3 of 3