

PREPARED FOR: OWNER/DEVELOPER GENERAL GROWTH PROPERTIES HOWARD RESEARCH AND DEVELOPMENT CORPORATION 10275 LITTLE PATUXENT PARKWAY COLUMBIA, MARYLAND 21044 AL EDWARDS 410-992-6000

BENCHMARK DESCRIPTIONS

CONTROL STATION 37GD ELEVATION 331.855 N 555,250.791 E 1,370,946.348

CONTROL STATION 37GC ELEVATION 307.455 N 552,081.826 E 1,370,625.818

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS & WITH ROAD DRAWINGS PLAN F-05-058; DRAWINGS FOR SEDIMENT & EROSION CONTROL.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL

REQUIREMENT. U.S.D.A. NATURAL RESOURCES

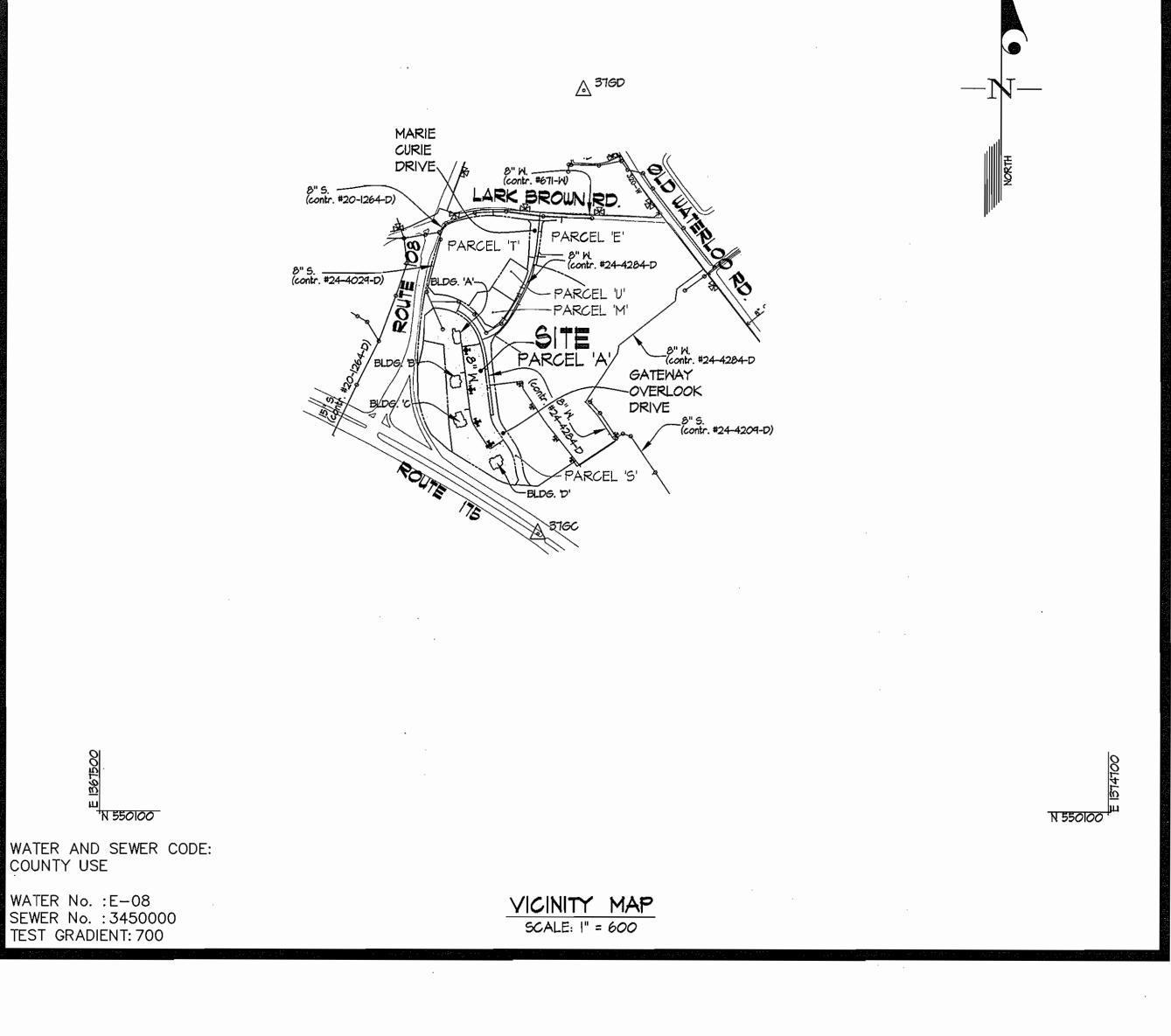
CONSERVATION SERVICE THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD

SOIL CONSERVATION DISTRICT.

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND

GLWGUTSCHICK LITTLE &WEBER, P.A. CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK BURTONSVILLE, MARYLAND 20866 TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186



CONTRACT No. 44-4365-D GATEWAY OVERLOOK PARCEL A HOWARD COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS

DRN: BJM/

CHK: BJM

DATE: AUG., BY NO

REVISION

TYPE OF BUILDING	I BANK/3 RESTAURANT
NUMBER OF UNITS	4
NUMBER OF S.H.C.'s	
NUMBER OF W.H.C.'s	4
DRAINAGE AREA	LITTLE PATUXENT
TREATMENT PLANT	RECLAMATION PLANT

GENERAL NOTES

N 556400

- I. 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.
- 2. THE EXISTING TOPOGRAPHY IS TAKEN FROM FIELD RUN SURVEY WITH MAXIMUM TWO FOOT CONTOUR INTERVALS PREPARED BY DAFT MCCUNE WALKER, INC. DATED MAY 2003.
- 3. HORIZONTAL AND VERTICAL SURVEY CONTROLS: THE COORDINATES SHOWN HEREON ARE BASED UPON THE HOWARD COUNTY GEODETIC
- CONTROL WHICH IS BASED UPON THE MARYLAND STATE PLANE COORDINATE SYSTEM. HOWARD COUNTY MONUMENT NOS. 37GD AND 43AI WERE USED FOR THIS PROJECT.
- 4. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED ON THE
- 5. 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 BRACING OF ADDITIONAL POLES, ANY COST INCURRED BY THE OWNER FOR THE BRACING OF ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONIES OWED THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
- 6. 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.
- 7. 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 ON THESE PLANS:

|*-800-2*52-||33 BGE (CONTRACTOR SERVICES) 410-850-4620 BGE (UNDER GROUND DAMAGE CONTROL) 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 9. TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO THE MAXIMUM EXTENT.

- TREES AND SHRUBS LOCATED WITHIN THE CONSTRUCTION AREA STRIP ARE NOT TO BE REMOVED OR DAMAGED BY THE CONTRACTOR.
- IO. 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.
- 11. 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

- I. ALL MAINS SHALL BE D.I.P. CLASS 52 UNLESS 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

DATE: APRIL 2007

COVER SHEET

SCALE: AS SHOWN

DATE 600' SCALE MAP NO. 42 BLOCK NO. 12

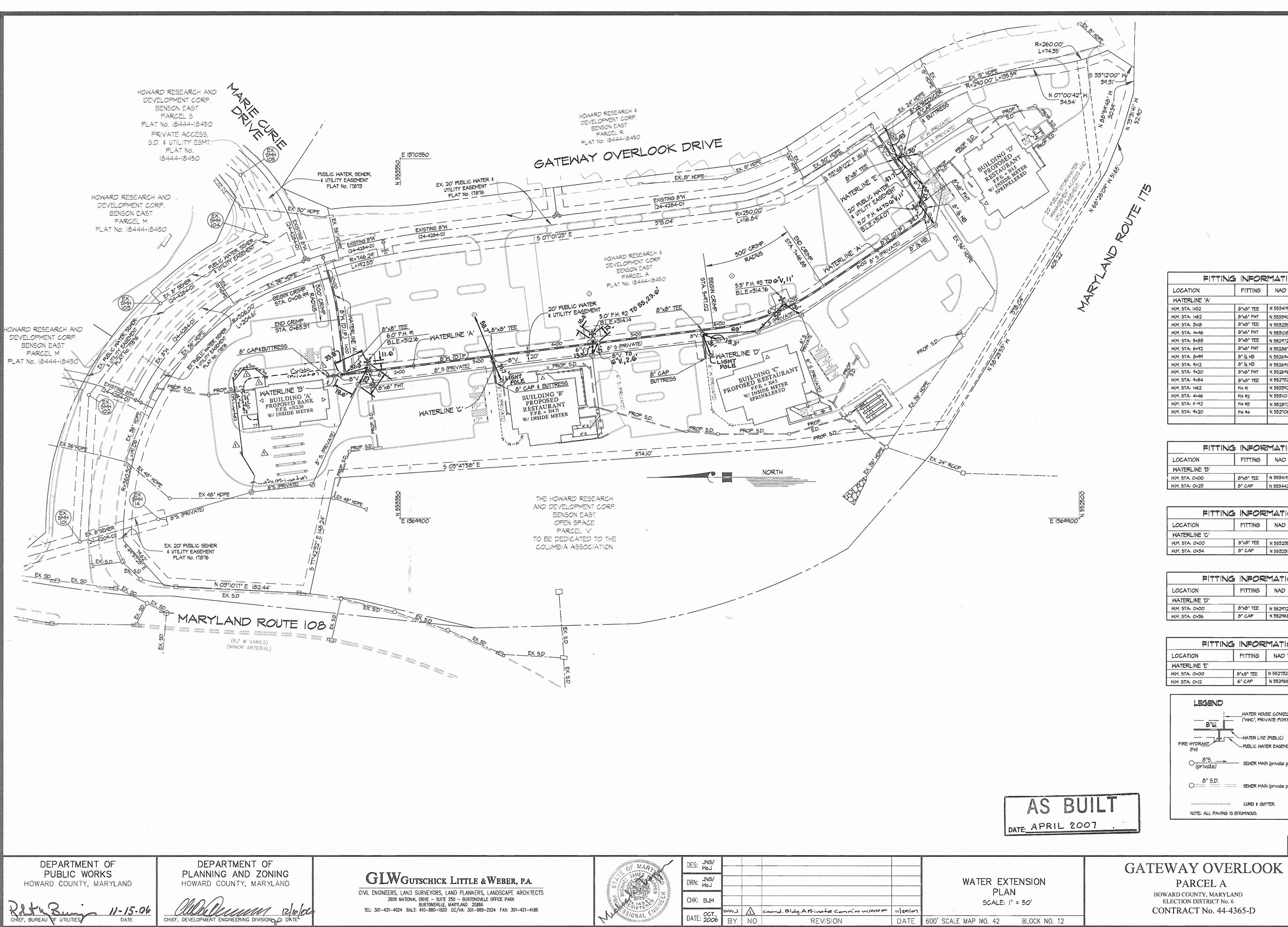
PARCEL A HOWARD COUNTY, MARYLAND ELECTION DISTRICT No. 6 CONTRACT No.44-4365-D

AS SHOWN SHEET

05084 GATEWAY OVERLOOK SCALE

1 OF 3

GLW FILE No.



REVISION

DATE . 600' SCALE MAP NO. 42

BLOCK NO. 12

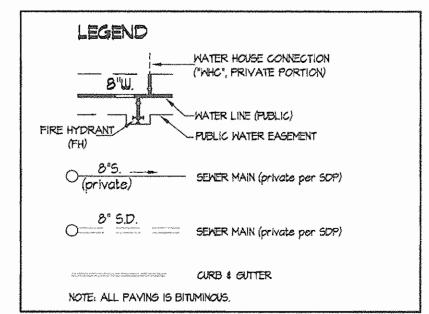
LOCATION	FITTING	NAD '27	COORDINATES
WATERLINE 'A'	**************************************	ale Encircle in the complete complete in the control of the contro	imfequemplomouna etionaritarimatica delimentarina constituido de la constituida del constituida de la constituida del constituida de la co
W.M. STA. 1+32	8"x8" TEE	N 553419	E 1310080
WM. STA: 1+62	8"x6" FHT	N 553340	E 1370084
WM. STA: 3+18	8"x8" TEE	N 553235	E 1370103
MM. STA: 4+46	8*x6* FHT	N 553108	E 1570119
W.M. STA: 5+83	8"x8" TEE	N 5524T2	E 1370135
WM, STA: 6+92	8"x6" FHT	N 552867	E 1370163
W.M. STA: 8+99	8°% HB	N 552694	E 1370276
WM. STA: 4+12	8* 1/8 HB	N 552691	E 1570284
MM, STA: 9+20	8"x6" FHT	N 552646	E 1370296
WM, STA: 9+84	8"x8" TEE	N 552732	E 1370349
MM, STA: 1+62	FH #1	N 553392	E 1370096
W.M. STA: 4+46	FH #2	N 553110	E 1370130
MM. STA: 6:42	FH #3	N 5528T2	E 1370174
M.M. STA: 9+20	FH #4	N 552706	E 1370284

fitting information			
LOCATION	FITTING	NAD '27	COORDINATES
WATERLINE 'B'			merando mijenis del deligibili protormo negli bragilisch in betweeke jiroque dissances q
MM. STA. 0+00	8"x8" TEE	N 553419	E 1370080
W.M. STA: 0+23	8" CAP	N 553442	E 1370077

fitting information			
LOCATION	FITTING	NAD '27	COORDINATES
WATERLINE 'C'		1	
W.M. STA: 0+00	8"x8" TEE	N 553235	E 1370103
W.M. STA: 0+34	8" CAP	N 553231	E 1310069

LOCATION	FITTING	NAD '27	COORDINATES
WATERLINE 'D'		<u> </u>	
W.M. STA: 0+00	8"x8" TEE	N 552972	E 1370135
WM. STA: 0+36	8" CAP	N 552968	E 1370100

fitting information				
LOCATION	FITTING	NAD '27 COORDINAT		
WATERLINE 'E'	~ 	4 :		
MM, STA: 0+00	8"x8" TEE	N 552132	E 1570349	
W.M. STA: O+12	6° CAP	N 552968	E 1570100	



GLW FILE No. 05084

PARCEL A CONTRACT No. 44-4365-D 1"=50' SHEET

HOWARD COUNTY, MARYLAND ELECTION DISTRICT No. 6

_2_OF_3_

SCALE

