

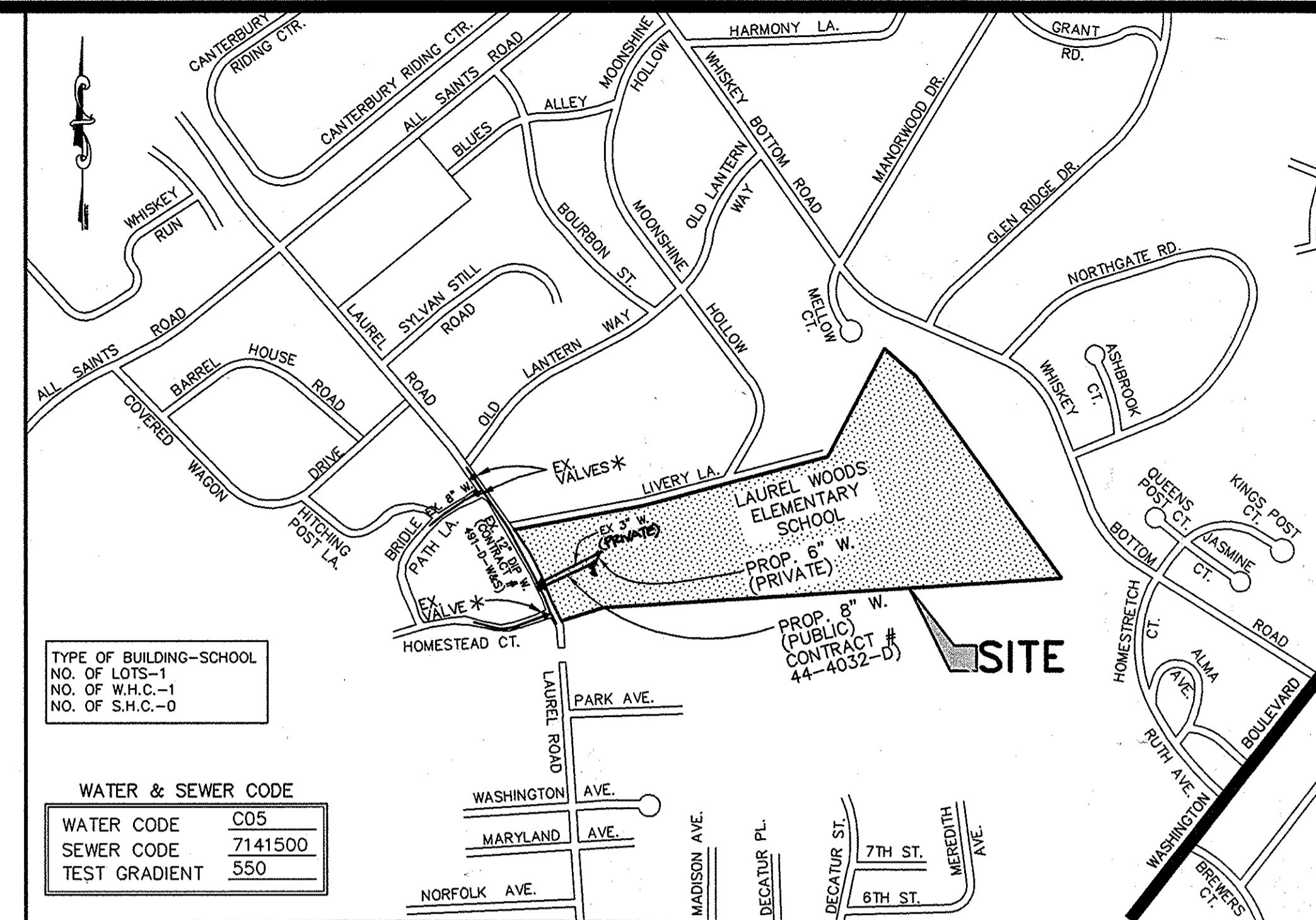
GENERAL NOTES

- APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- CLEAR ALL UTILITIES BY A MINIMUM OF 12". CLEAR ALL POLES BY 2'-0" MINIMUM OR TUNNEL AS REQUIRED.
- FOR DETAILS NOT SHOWN ON THE DRAWINGS 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 LOCATION OF THE TEST PIT. 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 THESE PLANS:

STATE HIGHWAY ADMINISTRATION	410-531-5533
BGE CONTRACTOR SERVICES	410-850-4820
BGE UNDER GROUND DAMAGE CONTROL	410-291-4607
MISS UTILITY	800-257-7777
COLONIAL PIPELINE CO.	410-549-4120
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	410-313-4900
BUREAU OF UTILITIES	410-313-4900
BELL ATLANTIC	800-446-5266
- 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.
- CONTRACTOR SHALL REMOVE TREES, STUMPS, AND ROOTS ALONG LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN UNIT PRICE BID FOR THE CONSTRUCTION OF THE MAIN.
- CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410) 313-2450 AT LEAST FIVE (5) WORKING DAYS BEFORE ANY OPEN CUT OF ANY COUNTY ROAD OR BORING/JACKING OPERATION IN COUNTY ROADS FOR LAYING WATER MAIN OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114(A) OF THE HOWARD COUNTY CODE.
- ALL WATER MAINS TO BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.
- TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3.5' 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 THE 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 WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS. SOIL AROUND FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND 1005 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING UNLESS OTHERWISE NOTED ON PLANS OR IN SPECIFICATIONS.
- WATER CONNECTION WITHIN NORTH LAUREL ROAD TO BE OPEN CUT. CONTRACTOR SHALL MAINTAIN TRAFFIC FLOW AT ALL TIMES.
- EXISTING CONDITIONS ARE BASED ON SITE PLAN (SDP 72-118) MAY, 1972 AND PREPARED BY DAVID LAWSON ENGINEERS, INC. BENCHMARKS ARE BASED UPON EXISTING SITE PLAN (SDP 72-118) AND EXISTING UTILITY PLAN (#491-D-W&S)
- ALL DISTURBED UNPAVED AREA SHALL BE TOPSOILED, FERTILIZED, LIMED AND SODDED, EXCEPT AREAS TO BE PLANTED. TOPSOIL DEPTH SHALL BE A MINIMUM OF 4 INCHES COMPACTED.
- ALL SEDIMENT AND EROSION CONTROL FEATURES SHALL BE INSTALLED IN ACCORDANCE WITH THE "STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPED AREAS," 1983 EDITION.
- ALL UNSUITABLE AND EXCESS FILL MATERIAL SHALL BE DISPOSED OF OFF SITE. LOCATION OF DISPOSAL AREA SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- EXISTING UTILITIES ARE BASED ON AVAILABLE RECORDS AND WERE FIELD-CHECKED WHERE POSSIBLE. CONTRACTORS MUST DIG TEST PITS BY HAND AT UTILITY CROSSINGS AND CONNECTION POINTS TO VERIFY EXACT LOCATION AND INVERTS WELL IN ADVANCE OF CONSTRUCTION. IF CONNECTIONS ARE NOT AS SHOWN OR IF A CONFLICT IS ANTICIPATED, ENGINEERS SHALL BE NOTIFIED BEFORE PROCEEDING WITH TRENCHING.
- CONTRACTOR SHALL CLEAN UP THE WORK AREA AT THE COMPLETION OF THE PROJECT. ALL AREAS DISTURBED DURING THE CONSTRUCTION ACTIVITY SHALL BE REPAIRED TO THE SATISFACTION OF THE SCHOOL'S PRINCIPAL AND/OR OWNERS REPRESENTATIVE.
- CONTRACTOR SHALL ERECT A TEMPORARY CONSTRUCTION FENCE (SNOW FENCE) AT LIMIT OF GRADING TO MINIMIZE INTERFERENCE WITH SCHOOL ACTIVITIES. REFER TO MECHANICAL DRAWINGS FOR CONTINUATIONS OF WATER SERVICE TO THE EXISTING BUILDING FOR TIE-IN.

PUBLIC WATER PLAN LAUREL WOODS ELEMENTARY SCHOOL PUBLIC WATER PLAN

HOWARD COUNTY, MARYLAND
CONTRACT NO. 44-4032-D, SDP-72-118



TYPE OF BUILDING-SCHOOL
NO. OF LOTS-1
NO. OF W.H.C.-1
NO. OF S.H.C.-0

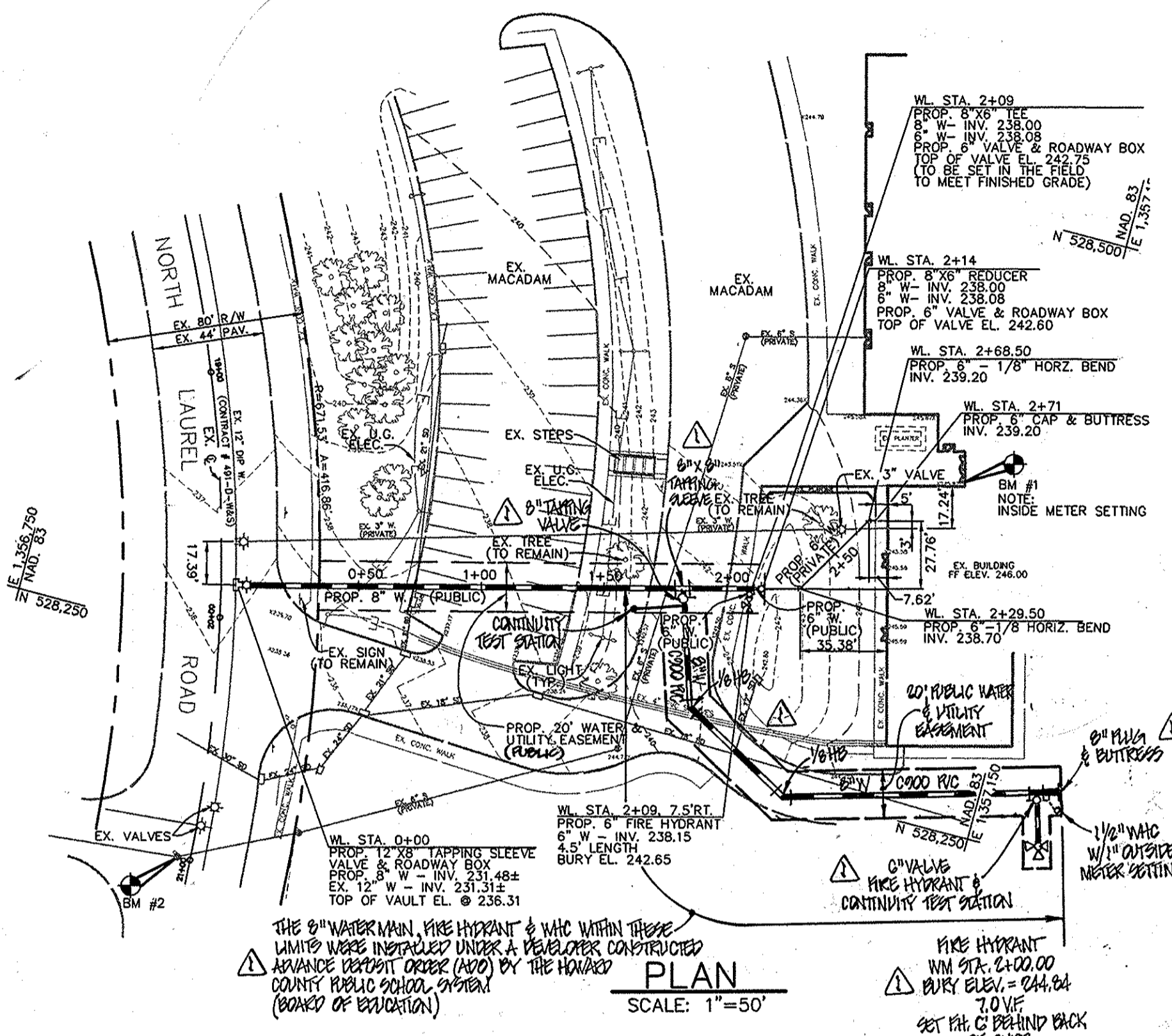
WATER & SEWER CODE
WATER CODE C05
SEWER CODE 7141500
TEST GRADIENT 550

VICINITY MAP

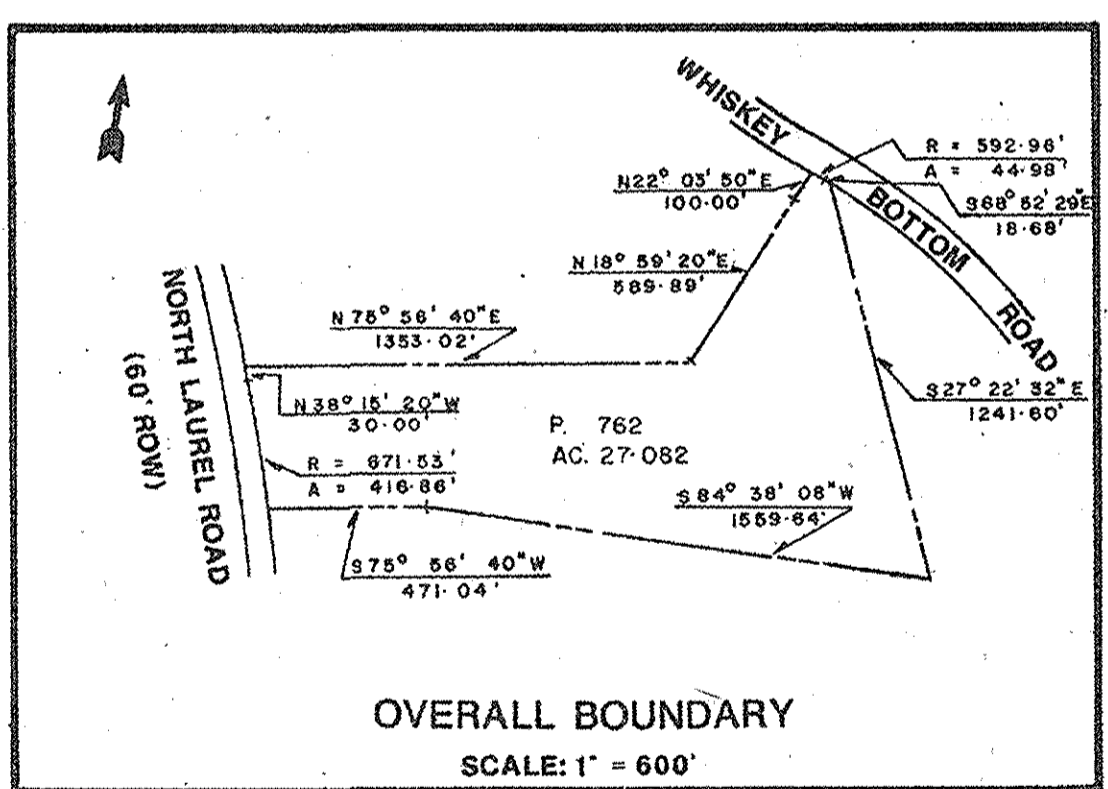
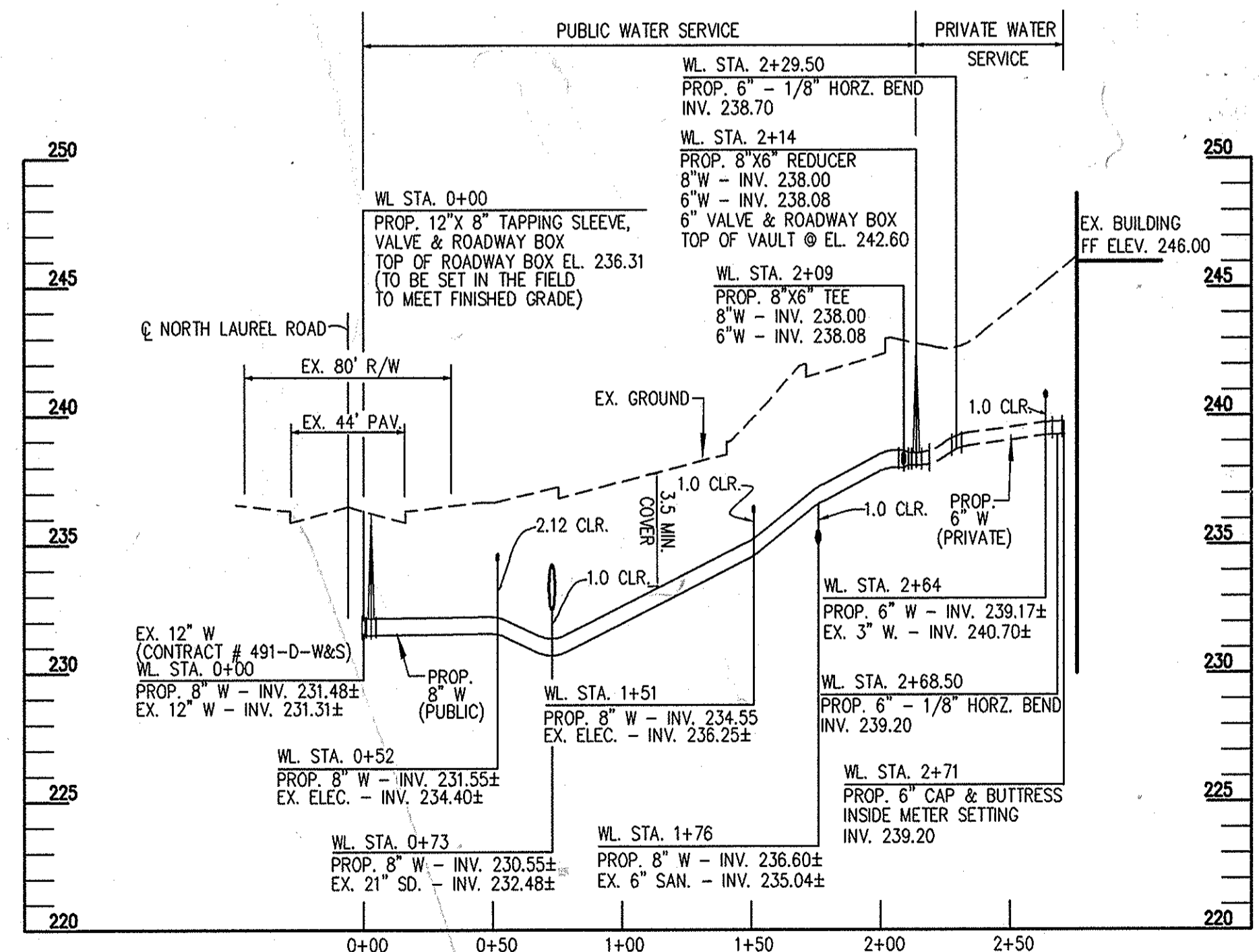
SCALE: 1"=600'
* DENOTES VALVES TO BE CLOSED FOR ABANDONMENTS AND IN CASE OF EMERGENCY DURING CONNECTION OF NEW WATER LINE.

BENCHMARKS

- BM #1 ELEV. 246.00
FIRST FLOOR ELEVATION AT MAIN ENTRANCE
- BM #2 ELEV. 236.20
TOP COVER OF EX. SANITARY SEWER MANHOLE LOCATED @ INTERSECTION OF NORTH LAUREL ROAD & HOMESTEAD CT.



QUANTITIES		AS-BUILT	
ITEMS	QUANTITIES ESTIMATED	QUANTITIES	TYPE MANUFACTURER/SUPPLIER
6" VALVE	2 EA.		
8" VALVE	1 EA.		
6" DIP	12.5 LF.		
8" DIP	214 LF.		
6" FIRE HYDRANT (5' BURY)	1 EA.		
8" X 6" TEE	1 EA.		
8" X 6" REDUCER	1 EA.		
12" X 8" TAPPING SLEEVE AND VALVE	1 EA.		
8" X 6" TEE	1 EA.		



NOTE: BOUNDARY INFORMATION SHOWN IS OBTAINED FROM "SITE PLAN" DATED 11/24/81 PREPARED BY DOOSOM, SMEALIE, ORRICK AND ASSOCIATES.

ADDRESS CHART	
LOT NUMBER	STREET ADDRESS
762	9250 NORTH LAUREL ROAD, LAUREL, MD 20707

OWNER:
BOARD OF EDUCATION
10910 ROUTE 108
ELLCOTT CITY, MD. 21043
(TEL.) 301-922-0500

SUBDIVISION NAME	SECT./AREA	LOT/PARCEL
LAUREL WOODS ELEMENTARY SCHOOL	-	762
PLAT AND/OR L/F	BLOCK # ZONE TAX/ZONE MAP ELEC. DIST. CENSUS TR.	
391/419	22/3,4 R-SC 47/50 6 6063	
WATER CODE	SEWER CODE	TEST GRADIENT
C05	7141500	550
DRAINAGE AREA: LITTLE PATUXENT		

WATER BASED ON AS-BUILT DRAWINGS FOR WHISKEY BOTTOM APARTMENTS DATED 10-2-73 UNDER CONTRACT # 491-D-W&S

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

John R. Kolutek 9/3/02
SOIL CONSERVATION DISTRICT DATE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEET TECHNICAL REQUIREMENTS.

Jim Meyer 9/3/02
SOIL CONSERVATION DISTRICT DATE

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

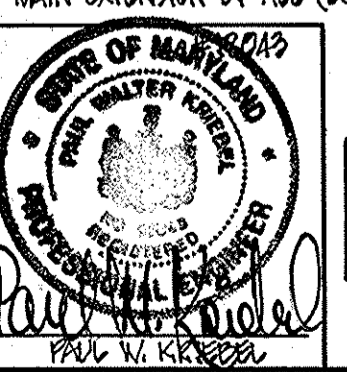
Ruth B. 05-02
CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

William D. 9/10/02
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

ENGINEERS:
Whitney, Bailey, Cox & Magnani, LLC
849 Fairmount Avenue (410) 512-4500
Baltimore, Maryland 21286 (410) 324-4100 (FAX)

DES: D.B.
DRN: G.K.
CHK: P.D.
DATE: 2/7/02



I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND LICENSE NO. 10043 EXPIRATION DATE 12/31/06 FOR REV. ONLY

PUBLIC WATER PLAN

600' SCALE MAP NO. 47 PARCEL NO. 762

9250 NORTH LAUREL ROAD
HOWARD CO., MARYLAND
Contract No. 44-4032-D
Election District 6

SCALE AS SHOWN
SHEET 1 OF 1