GENERAL CONSTRUCTION NOTES

SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

3. ALL VERTICAL CONTROLS ARE BASED ON NAVD 88.

BGE (CONTRACTOR SERVICES)

STATE HIGHWAY ADMINISTRATION

OR DAMAGED BY THE CONTRACTOR.

CONSTRUCTION OF THE MAIN.

BUREAU OF UTILITIES COLONIAL PIPELINE CO

MISS UTILITY

VÉRIZON

BGE (UNDERGROUND DAMAGE CONTROL)

. APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE

UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE

ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN

2. ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES, NAD

4. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED ON

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 THE CONTRACTOR. THE

6. FOR DETAILS NOT SHOWN ON THE DRAWING, AND FOR MATERIALS AND CONSTRUCTION

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

METHODS, USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARDS SPECIFICATIONS

AND DETAIL FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY

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

8. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE (5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

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

10. THE CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG THE LINE OF

11. CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT

DPW REQUIREMENTS PER SECTION 18.114(a) OF THE HOWARD COUNTY CODE.

WATER
1. ALL WATER MAINS TO BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.

3. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.

TECHNICAL REQUIREMENTS.

APPROVED:

410-313-7450 AT LEAST FIVE (5) WORKING DAYS BEFORE ANY 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

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

4. ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.

U.S.D.A. NATURAL/RESOURCES CONSERVATION SERVICE

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS

THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY

SEDIMENT CONTROL DEVICES FOR THIS CONTRACT WILL BE IMPLEMENTED IN

ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY DESIGN MANUAL

AND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT

CONTROL IN DEVELOPING AREAS AS SHOWN ON THESE PLANS.

EXCAVATION, PAYMENT FOR SUCH REMOVAL SHALL BE INLUDED IN THE UNIT PRICE BID FOR

410-850-4620

410-787-9068

410-795-1390 1-800-257-7777 410-531-5533

1-800-743-0033/410-224-9210

CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING

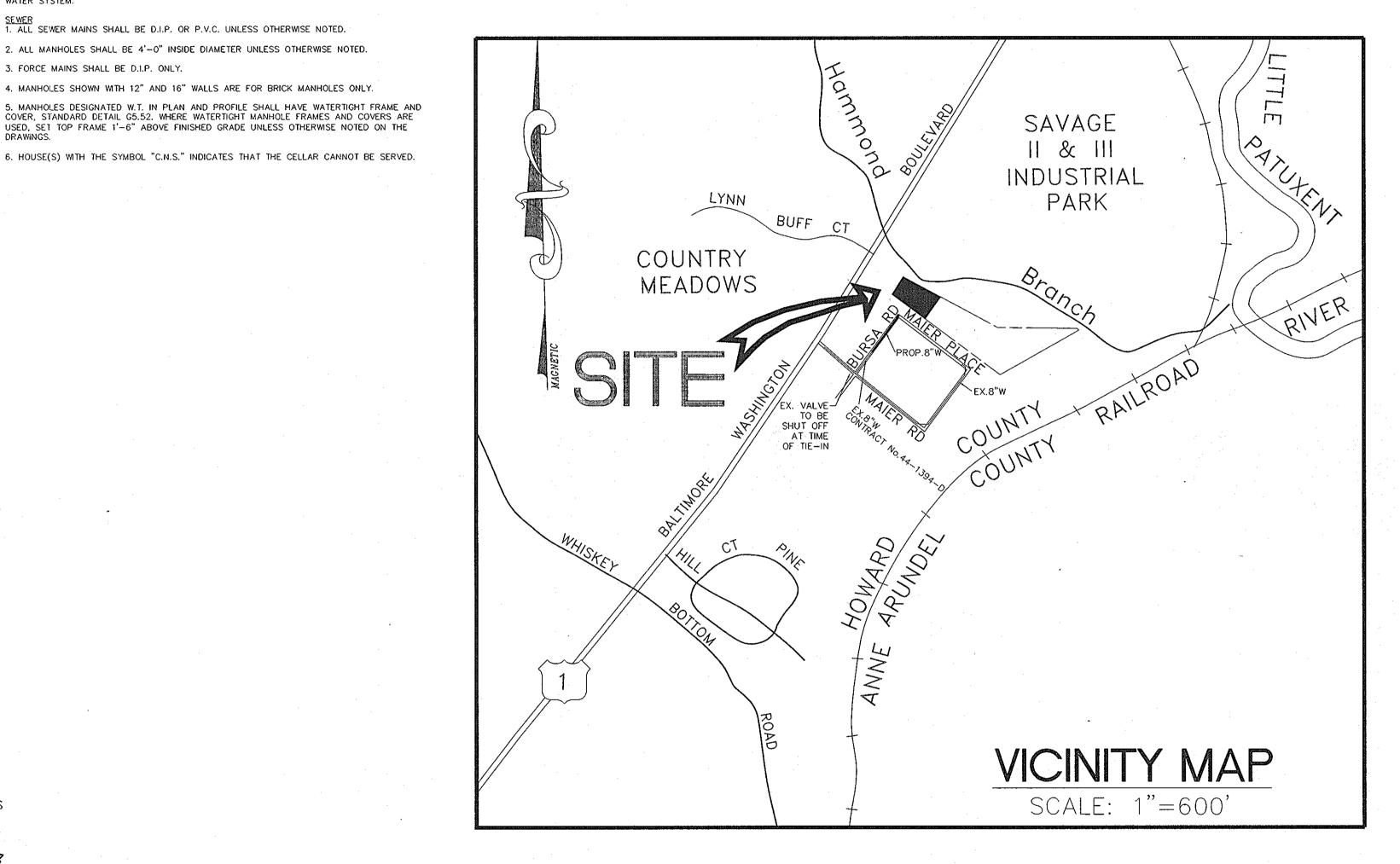
5. CLEAR ALL UTILITIES BY A MINIMUM OF 12 INCHES. CLEAR ALL POLES BY 5'-0" MINIMUM

# A.C.MILLER PROPERTY

LIST OF DRAWINGS TITLE SHEET SHEET 2 PLAN AND PROFILE

AT MAIER PLACE AND BURSA ROAD HOWARD COUNTY, MARYLAND PARCEL 'A'

CONTRACT NO. 24-4047-D



#### BENCHMARKS

<u>HOWARD CO. HUB NO. 471C, EL. 189.05</u> N 532036.885 E 1362819.058 A BRASS DISC (1" TO 2" BELOW TERRAIN SURFACE) SET ON TOP OF CONCRETE

3/4" IRON ROD WITH STAMPED ALUMINUM CAP.

WATER & SEWER CODE FOR COUNTY USE ONLY WATER No.: C-04 SEWER No.: 7100400 WATER TEST GRADIENT: 550

DRAINAGE AREA: LITTLE PATUXENT

## SEQUENCE OF CONSTRUCTION

1. NOTIFY HOWARD COUNTY DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS AT 410-313-1880 AT LEAST 24 HOURS PRIOR TO COMMENCING ANY WORK.

2. PLACE SILT FENCE AS SHOWN ON THESE PLANS 3. WITH SEDIMENT CONTROL DEVICES IN PLACE AND WITH PEMISSION FROM THE SEDIMENT CONTROL INSPECTOR BEGIN CONSTRUCTING B" WATER AND G" SANITARY PER THESE PLANS DISTURB ONLY THAT WHICH CAN BE STABILIZED AT THE END OF EACH WORKING DAY

4. UPON STABILIZATION OF ALL DISTURBED AREAS AND WITH THE APPROVAL OF THE SEDIMENT CONTROL INSPECTOR, REMOVE AND VEGETATIVELY STABILIZE THE AREA DISTURBED BY

THIS PROCESS

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 A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT OR THEIR AGENTS, AS ARE DEEMED NECESSARY.

SIGNATURE OF DEVELOPER

DATE

### ENGINEER'S CERTIFICATION

HOWARD COUNTY, MARYLAND

"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 AND THAT IT WAS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT."

Tremedy PE#10748 JAN. 31, 2003

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

arthur C. Waller

SIGNATURE OF DEVELOPER

HOWARD SOIL CONSERVATION DISTRICT.

HOWARD SOME CONSERVATION DISTRICT

DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND

DATE



5. FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE

SEWER

1. ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED.

3. FORCE MAINS SHALL BE D.I.P. ONLY.

2. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.

4. MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.

USED, SET TOP FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED 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 1005 OF THE STANDARD SPECIFICATIONS.

6. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING

3104 Timanus Lane, Suite 101 Baltimore, MD 21244 (410) 281-0033 Fax (410) 281-1065

www.KCW-ET.com

KCW Engineering Technologies, Inc

	DESIGNED BY:	<u> </u>		REDLINE REVISION PER SDP -07-022	3/2/07	
	R.D./K.M.W.	2		REDLINE REVISION RESPONSE TO 3-12-07	8/24/07	,
	DRAWN BY:	^		LETTER		
	K.C.W.	Ŋ	3	AS-BUILT REVISIONS	5.4.11	
	CHECKED BY:					
	D.L.K.					
	DATE:					
rea	JAN. 31, 2003	BY:	No:	REVISION	DATE:	6

TITLE SHEET

## A.C. MILLER PROPERTY PARCEL 'A'

WATER AND SEWER SERVICE

ELECTION DISTRICT - 6

**TECHNOLOGIES** 

600' SCALE MAP No.47 GRID 23 PARCEL No.540

CONTRACT No. 24-4047-D

1 OF 2

SCALE

I"=50' HOR. 1"= 5' VER.

