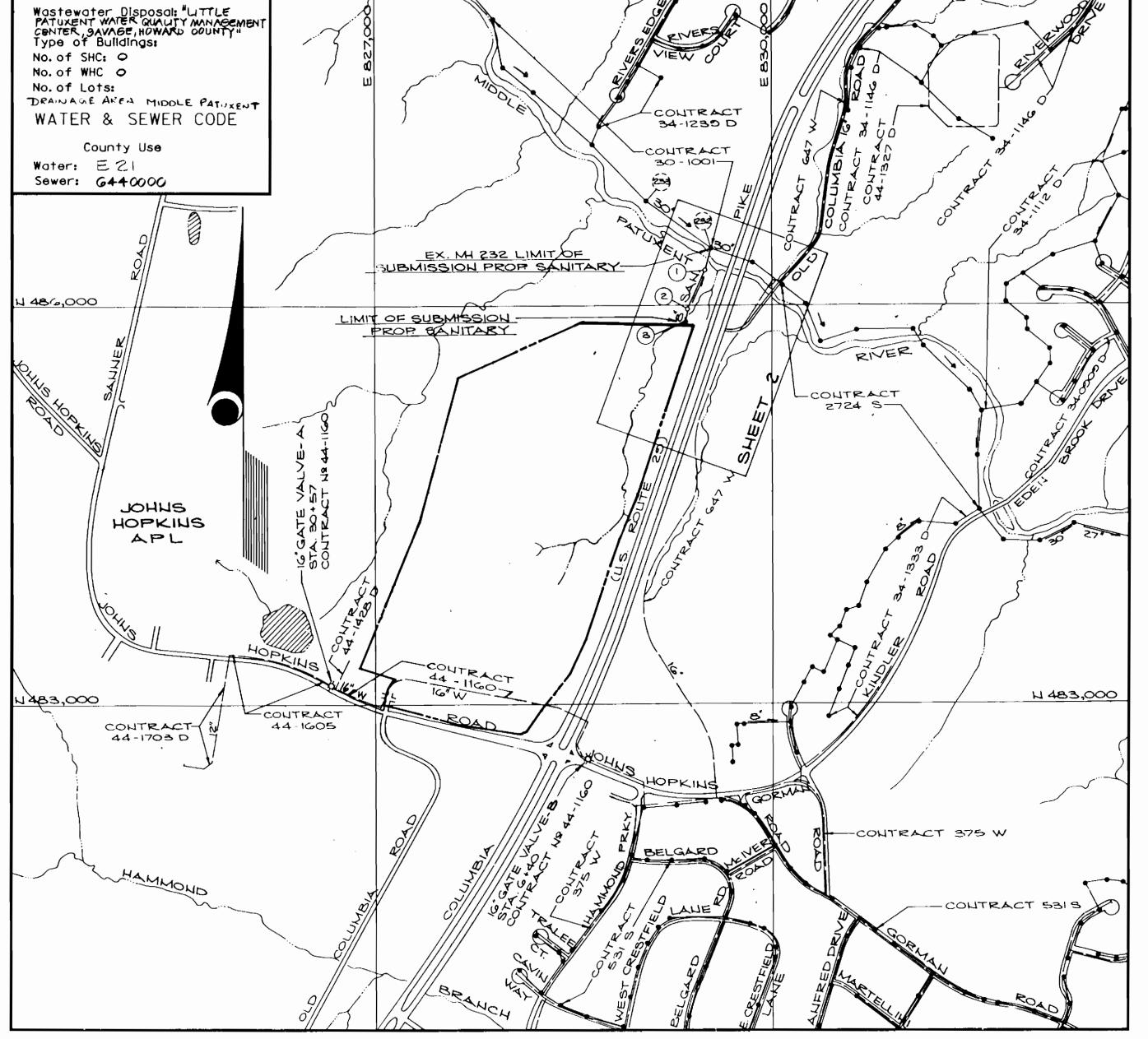
CONTRACT NO. 30-1757-D MONTPELIER RESEARCH PARK 8" SANITARY SEWER HOWARD COUNTY, MARYLAND DEPT. OF PUBLIC WORKS

			QUANTITIES		
ITEMS	QUANTITIES ESTIMATED 439.10LF.	AS-BUILT			
		QUANTITIES	TYPE	MANUFACTURER/SUPPLIER	
				·	
5" P.I.P.	445 L.F.	4:2.19 L.F.	7.#5 .Ta.	AT ATTI MANE IN	
2' P.I.P.	153 L.F.	1-25		AT. JAVII TATE + 1. WAVE IN.	
SAN	41 V.F	4.7 6.4.	戸門入口	ATLANTI JAJETE FRE L'IT II	
	1 107.pt.				
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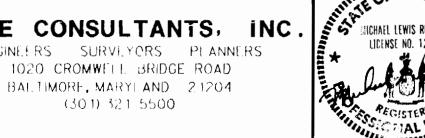
REVIEWED FOR HOWARD SOIL CONSERVATION CONSERVATION SERVICE OPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE STANDARD SPECIFICATIONS

SCALE: 1'= 600'

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

KIDDE CONSULTANTS, INC. ENGINEERS SURVEYORS PLANNERS



<u> </u>	DES: J.J.D.	· -
	DRN: DAD, CADO	
in the	CHK: FBW	_
	DATE: 6/3/92	*

REY MH 3 LOGATION KCI REVISION

VICINITY MAP GENERAL NOTES BLOCK NU. 14,19 & 24

ELECTION DISTRICT NO. 5 CONTRACT NO. 30-1757-D

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.
- 2. ALL HORIZONTAL CONTROLS ARE BASED ON THE MARYLAND STATE PLANE COORDINATES SYSTEM. REFERENCE HOWARD COUNTY CONTROL POINTS 2139004 AND 2139005.
- 3. ALL VERTICAL CONTROLS ARE BASED ON HOWARD COUNTY BENCH MARKS NO. 2139004 ELEVATION 407.980 & 2139005 ELEVATION 375.434.
- 4. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS
- CLEAR ALL UTILITIES BY A MINIMUM OF 6". CLEAR ALL POLES BY 2'-0" MINIMUM OR TUNNEL AS REQUIRED. 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 BRACING OF ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONEY OWED THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE
- FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS, USE HOWARD COUNTY DESIGN MANUAL VOLUME IV, STANDARD SPECIFICATIONS AND DETAIL FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JÓB.
- WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES. THEY ARE NOTED BY THE SYMBOL N/A 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.
- 8. CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

STATE HIGHWAY ADMINISTRATION	531-5
BG&E CO. CONTRACTOR SERVICES	850-4
BG&E CO. UNDER GROUND DAMAGE CONTROL	787-9
MISS UTILITY	1-800-257-7
COLONIAL PIPELINE CO.	795-1
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS	
BUREAU OF UTILITIES	313-4

- 9. TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO 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 THE UNIT PRICE BID FOR CONSTRUCTION OF THE MAIN.
- 11. ALL SEWER MAINS SHALL BE DIP, RCP, VCPX, CSPX, RCCP AND P.V.C. UNLESS OTHERWISE NOTED. 12. THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS
- 13. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE

WITHIN 2'-0" OF EXTERIOR MANHOLE WALL.

- 14. FORCE MAINS SHALL BE D.I.P. ONLY.
- MANHOLES ONLY. ALL MANHOLES HAVING A DEPTH OF 18 FT. OR GREATER SHALL BE
- CONSTRUCTED WITH AN INTERMEDIATE LANDING AS SHOWN ON HOWARD COUNTY STANDARD DETAIL G-5.15.

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

- 17. FOR SANITARY MANHOLES DEEPER THAN 24', SEE HOWARD COUNTY STANDARD DETAIL G.S.11.
- 18. MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVERS, STANDARD DETAIL G-5.52. WHERE WATERTIGHT MANHOLE FRAME AND COVER IS USED, SET TOP OF FRAME 1" · 6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON
- 19. "FULL TRENCH COMPACTION" REQUIRED FOR ENTIRE LIMITS OF THIS
- 20. REFER TO "MARYLAND'S GUIDELINES TO WATERWAY CONSTRUCTION" BY THE WATER RESOURCES ADMINISTRATION (WRA), DATED JANUARY 1986 FOR STANDARD DETAILS AND DETAILED SPECIFICATIONS OF EACH PRACTICE SPECIFIED HEREIN FOR WATERWAY CONSTRUCTION.
- 21. INSTREAM CONSTRUCTION WILL NOT BE PERMITTED FROM MARCH 1ST, THROUGH MAY 31ST, INCLUSIVE.
- 22. BORING LOCATIONS ARE SHOWN THUS , NOTES CONTAINING THE RESULTS OF THE BORINGS ARE INCLUDED ON THE DRAWINGS.
- 23. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS. HOWARD COUNTY, AT (410) 313-2450 AT LEAST FIVE WORKING DAYS BEFORE ANY OPEN CUT OF ANY COUNTY ROAD OR BORING/JACKING OPERATION IN COUNTY ROADS 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.

MONTPELIER RESEARCH PARK

SHOWN SHEET

1 OF 4

