SHEET INDEX NO. TITLE TITLE SHEET PLAN OF WATER & SEWER EXTENSIONS 3 PROFILES OF WATER & SEWER EXTENSIONS

WATER AND SEWER EXTENSIONS

PARCEL A and B DORSFY RIII INDUSTRIAL CENTE

1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND CONTRACT NO. 14-4193-D

QUANTITIES						
,	QUANTITIES	AS-BUILT ,				
ITEMS	QUANTITIES ESTIMATED	QUANTITIES	TYPE	MANUFACTURER/ SUPPLIER		
12" WATER	1975 LF	,				
6" WATER	142 LF					
12" VALVES	6	, , ,		4		
6" VALVES	5		·			
12"x 6" TEES	5	,				
12"x12" TEES	4					
FIRE HYDRANT-4.0	1					
FIRE HYDRANT-4.5	2		·			
FIRE HYDRANT-5.5	1			,		
FIRE HYDRANT-6.0	1					
				,		
12"x 8" T.S.&V.	1					
8" SEWER	1722 LF					
MANHOLES	. 7	, ,				
8" SHC	145 LF					
12" WHC	228 LF	<u> </u>		,		
HECKBOX						
AS-BUILT DATE		•		,		
SURVEY AND DRAFTING DIV	ISION	,		,		

BENCHMARK Horizontal Datum: Maryland State Coordinates, nad 83/91 Vertical Datum: NAVD 88 Howard County Monument 43HA N540761.72, E1373837.37, Elev. 224.90 Howard County Monument 43B6 (NOT SHOWN) N550601.61, E1376866.05, Elev. 210.56 Howard County Monument 0058 N544813.61, E1378390.05, Elev. 157.10 N 546500 TATE PARCEL ONE LLC. (CONTRACT #580-S-A) (CONTRACT #36-W8-CONTRACT #512-W-PATUXENT INSTITUTION PARCEL "A" LIBER 409, FOLIO 747 PARCEL "B" MONTEVIDEO SOUTH N 544500 (CONTRACT #14-193-D) DEPARTMENT OF PUBLIC SAFTEY AND CORRECTIONAL SERVICES LIBER 688, FOLIO 141 TYPE OF BUILDINGS: COMMERCIAL NO. OF LOTS / PARCELS: 2 W & S CODE DRAINAGE AREA: PATUXENT TREATMENT PLANT: SAVAGE COUNTY USE WATER NO. BO1 NUMBER OF W.H.C.: 4 (BLDG) SEWER NO. 222100 NUMBER OF S.H.C.: 3 (BLDG) TEST GRADIENT: 550 ZONE: M2

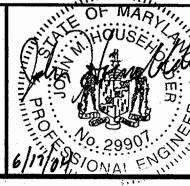
> VICINITY MAP SCALE: 1"=600"

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS AND AS SHOWN ON GP-04-55

REVIEW FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

> DEPARTMENT OF PLANNING & ZONING DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND HOWARD COUNTY, MARYLAND





	DES:	BAM					
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	DRN: BA	BAM		* -			TITLE SHEET
					•		I THE SHEET
		JMH			*		
	DATE: 6/17/04	6/17/04					
		0/17/04	BY	NO.	REVISION	DATE	600 SCALE MAP NO. <u>43</u> BLOCK NO. <u>16/17</u>

PARCEL A and B DORSEY RUN INDUSTRIAL CENTER

WATER and SEWER EXTENSIONS

CONTRACT NO. 14-4193-D TAX MAP 43 PARCELS 100, 325, 372, 572 AND 574 ZONE: M2

1 OF 3 HOWARD COUNTY, MARYLAND

GENERAL NOTES

- 1. 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 MARYLAND STATE COORDINATES, NAD 83/91
- 3. ALL VERTICAL CONTROLS ARE BASED ON NAVD 88.
- 4. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS, UNLESS OTHERWISE NOTED ON THE
- 5. CLEAR ALL UTILITIES BY A MINIMUM OF 12". CLEAR ALL POLES BY 5'-0" 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 THE BRACING OF ADDITIONAL POLES, ANY COST INCURRED BY THE OWNER FOR THE BRACING OF ADDITIONA 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 POLES.
- 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 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
- 8. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST FIVE (5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS: STATE HIGHWAY ADMINISTRATION 410-531-5533 BGE (CONTRACTOR SERVICES) 410-850-4620 BGE (UNDER GROUND DAMAGE CONTROL) 410-787-9068 MISS UTILITY 1-800-257-7777 COLONIAL PIPELINE CO. 410-795-1390 AT & T 1-800-252-1133 BUREAU OF UTILITIES 410-313-4900 VERIZON 1-800-743-0033
- 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. THE 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. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410) 313-7450 AT LEAST FIVE (5) 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
- 12. ALL WATER MAINS SHALL BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.
- 13. TOPS OF ALL WATER MAINS SHALL HAVE A MINIMUM OF 3'-6" COVER UNLESS OTHERWISE NOTED.
- 14. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
- 15. ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
- 16. FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWNGS. ALL FIRE HYDRANTS SHALL BE INSTALLED AND BUTTRESSED WITH CONCRETE 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
- 17. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- 18. ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED.
- 19. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- 20. FORCE MAINS SHALL BE D.I.P. ONLY.

1st ELECTION DISTRICT

- 21. MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.
- 22. MANHOLES DESIGNATED W.T. IN PLAN AND PROFILES SHALL HAVE WAERTIGHT FRAME AND COVER. STANDARD DETAIL G5.52. WHERE WATERTIGHT MANHOLE FRAMES AND COVER ARE USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- 23. HOUSE(S) WITH THE SYMBOL " C.N.S." INDICATES THAT THE CELLAR CANNOT BE SERVED.
- 24. EXISTING 4" GAS LINE AND 8" WATER LINE IN MONTEVIDEO ROAD AT WATER CONNECTION WERE FIELD LOCATED ON JUNE 11, 2004 BY INFRAMAP CORP. HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING UTILITIES HAVE BEEN SHOW ON THIS PLAN AND PROFILE. COMPLETE RESULTS WILL BE MADE AVAILABLE TO THE CONTRACTOR AS REQUESTED.

OWNER / DEVELOPER MONTEVIDEO SOUTH BUSINESS TRUST C/O TRAMMELL CROW COMPANY 7315 WISCONSIN AVENUE SUITE 300 W BETHESDA, MARYLAND 20814 TEL. (301) 530-6200 FAX (301) 530-6131

SCALE

SHEET

