SHEET INDEX NO. TITLE TITLE SHEET PLAN OF WATER EXTENSION PROFILES OF WATER EXTENSION

WATER EXTENSION

PARCEL A

1st ELECTION DISTRICT HOWARD COUNTY, MARYLAND CONTRACT NO. 44-4213-D

	QUANTITIES	AS-BUILT			
ITEMS	QUANTITIES ESTIMATED	QUANTITIES	ТҮРЕ	MANUFACTURER/ SUPPLIER	
12" WATER	1089 LF	1096	DIP	BELAIR	
6" WATER	20 LF	1		BELAIR	
12" VALVES	1	l			
6" VALVES	1	1			
16"x 12" T.S.&V.	1	. 1			
12"x 6" TEES	1	4.			
FIRE HYDRANT-4.0	1	1			
				·	
		,			
		:			
		A			

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 (CONTRACT #580-5-A) N 546500 / LIBER 4745, FOLIO ON PARCEL "A" / PLAT BOOK 24, FOLIO CONTRACT #44-4213-D (CONTRACT #36-W8-S CONTRACT #512-W LIBER 7315, FOLIO 68 2,702,525 SQ. FT. OI 62.041 ACRES +/ N 545000 (CONTRACT #14-193-D (PATUXENT INSTITUTION) TYPE OF BUILDINGS: COMMERCIAL NO. OF LOTS / PARCELS: 1 DRAINAGE AREA: PATUXENT W & S CODE COUNTY USE TREATMENT PLANT: SAVAGE WATER NO. BO1 NUMBER OF W.H.C.: 0 SEWER NO. N/A NUMBER OF S.H.C.: 0 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 SDP-04-100

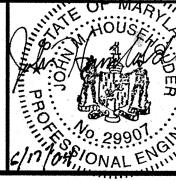
REVIEW FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND







	DES:	BAM					
7=	DRN:	BAM	-	* 245.2			
* =							
X = 1	CHK:	JMH	4 1				
	DATE	0147704	KCI	1	ASBUILT DATA ADDED TO PLAN	08/6/08	
	DATE:	ATE: 6/17/04 BY NO.	NO.	REVISION	DATE		

TITLE SHEET

PARCEL A DORSEY RUN INDUSTRIAL CENTER

WATER EXTENSION

TAX MAP 43 PARCELS 100, 325, 372, 572 AND 574 ZONE: M2

SHEET 1 OF 3

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

600 SCALE MAP NO. <u>43</u> BLOCK NO. <u>16/17</u>

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

2. ALL HORIZONTAL CONTROLS ARE BASED ON MARYLAND STATE COORDINATES, NAD 83/91

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 ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONEY OWED THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE

6. 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

7. WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL igotharpoon 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

FIVE (5) WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:

8. THE CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITY COMPANIES OR AGENCIES AT LEAST

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

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

11. THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410)

MAINS OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE

COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114 (a) OF THE HOWARD COUNTY

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

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 DRAWINGS.

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.

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.

ALL FIRE HYDRANTS SHALL BE INSTALLED AND BUTTRESSED WITH CONCRETE IN

313-7450 AT LEAST FIVE (5) WORKING DAYS BEFORE OPEN CUTTING OR

BORING/JACKING OF ANY COUNTY ROAD FOR LAYING WATER/SEWER

12. ALL WATER MAINS SHALL BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.

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.

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

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

410-850-4620

410-787-9068 1-800-257-7777

410-795-1390

410-313-4900

1-800-252-1133

1-800-743-0033

THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

3. ALL VERTICAL CONTROLS ARE BASED ON NAVD 88.

BRACING OF THE POLES.

COPY OF VOLUME IV ON THE JOB.

OPERATIONS AT HIS OWN EXPENSE.

STATE HIGHWAY ADMINISTRATION BGE (CONTRACTOR SERVICES)

DAMAGED BY THE CONTRACTOR.

CONSTRUCTION OF THE MAIN.

MISS UTILITY

AT & T

VERIZON

NOTED.

SPECIFICATIONS.

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

1st ELECTION DISTRICT

COLONIAL PIPELINE CO.

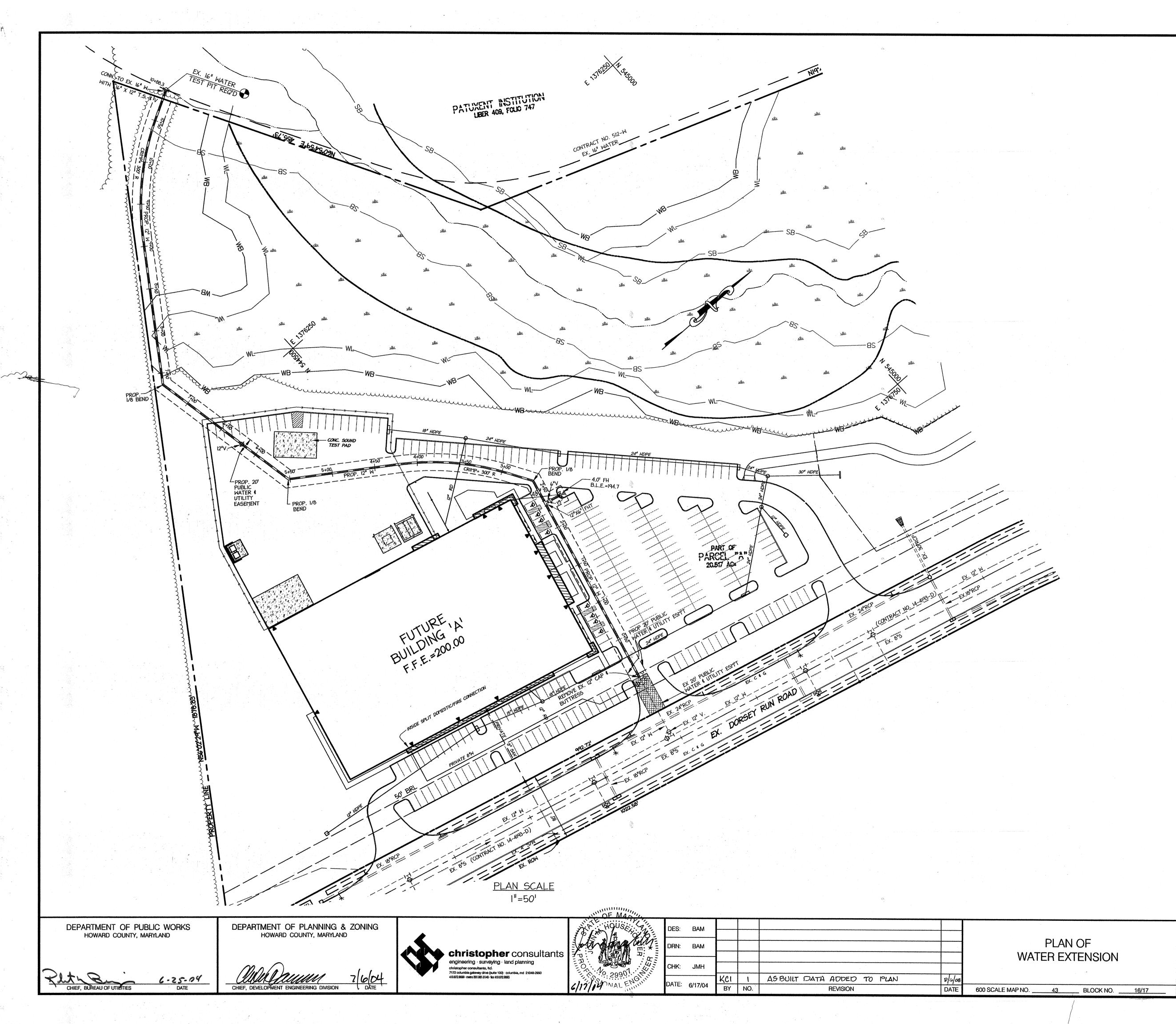
BUREAU OF UTILITIES

BGE (UNDER GROUND DAMAGE CONTROL)

CONTRACT NO. 44-4213-D

HOWARD COUNTY, MARYLAND MDC-125 (W\$5)

AS SHOWN



MA	ATER CURVE DATA
NO.	CRIMP RADIUS
4-5	300'
9-0	300'

		WATER LI	NE DATA	
NO.	STATION	DESCRIPTION	NORTHING	EASTING
0	0+00	REMOVE 12" CAP CONN. TO EX. 12"W/L	544,544.53	1,376,807.68
2	2+32.33	12" X 6" FHT	544,598.71	1,376,581.76
3	2+62.00	1/8 HB	544,605.63	1,376,552.90
4	2+93.11	P.C.	544,589.37	1,376.526.38
(5)	4+21.54	P.T.	544,501.19	1,376,434.36
6	5+51.68	1/8 HB	544,393.25	1,376,361.66
7	6+20.00	12" V	544,380.16	1,376,294.61
8	7+36.25	1/8 HB	544,357.89	1,376,180.51
9	9+09.16	P.C.	544,454.48	1,376,037.09
10	10+54.35	P.T.	544,561.03	1,375,940.56
(1)	10+88.32	16" X 12" T.5.\$ V CONN. TO EX.16" W/L	544,590.94	1,375,924.44

WATER EXTENSION PARCEL A

1st ELECTION DISTRICT

DORSEY RUN INDUSTRIAL CENTER

CONTRACT NO. 44-4213-D

TAX MAP 43 PARCELS 100, 325, 372, 572 AND 574 ZONE: M2

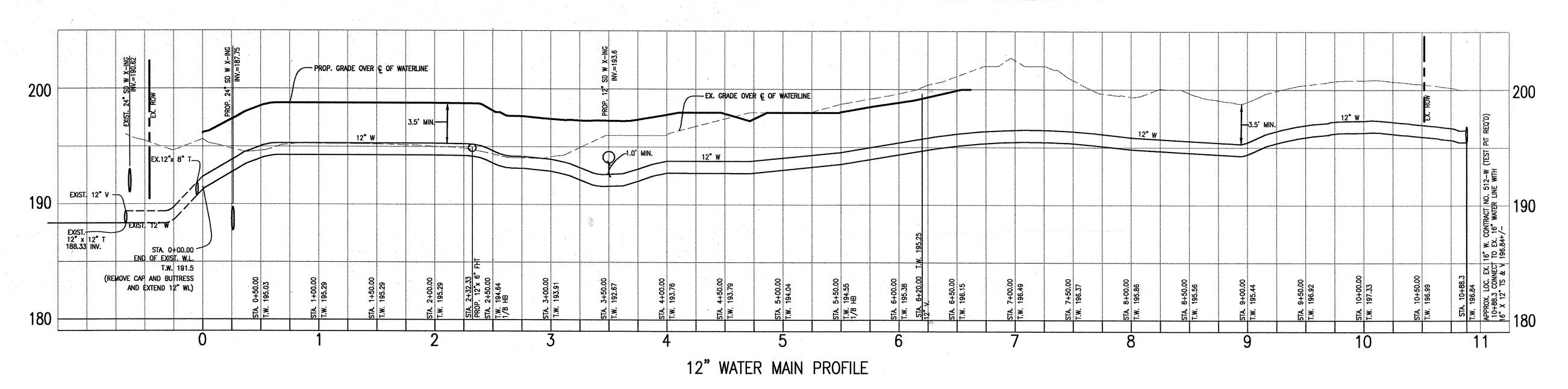
DISTRICT HOWARD COUNTY, MARYLAND

SHEET

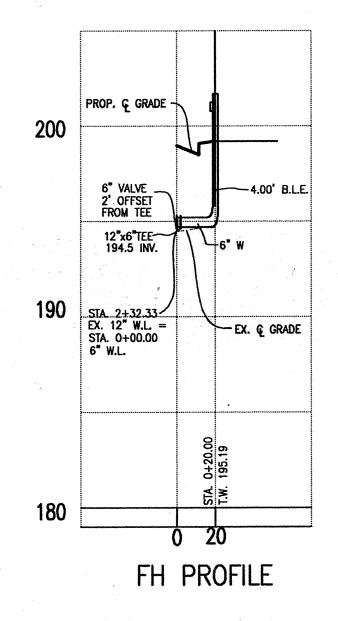
2 OF 3

MDC-125(W\$S)

1"=50'



PROFILE SCALE HORIZ: |"=50' VERT: |"=5'

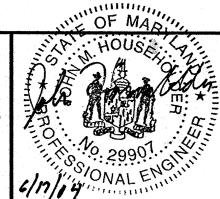


PROFILE SCALE HORIZ: I"=50' VERT: I"=5'

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND





DES:	BAM				
DLO.					
DRN:					***************************************
CHK:					
	6/17/04				
DATE:		BY	NO.	REVISION	DATE

PROFILES OF WATER EXTENSION

WATER EXTENSION PARCEL A DORSEY RUN INDUSTRIAL CENTER

CONTRACT NO. 44-4213-D

1st ELECTION DISTRICT

TAX MAP 43 PARCELS 100, 325, 372, 572 AND 574 ZONE: M2 3 OF 3 HOWARD COUNTY, MARYLAND

MDC-125 (W\$S)

AS SHOWN

SHEET