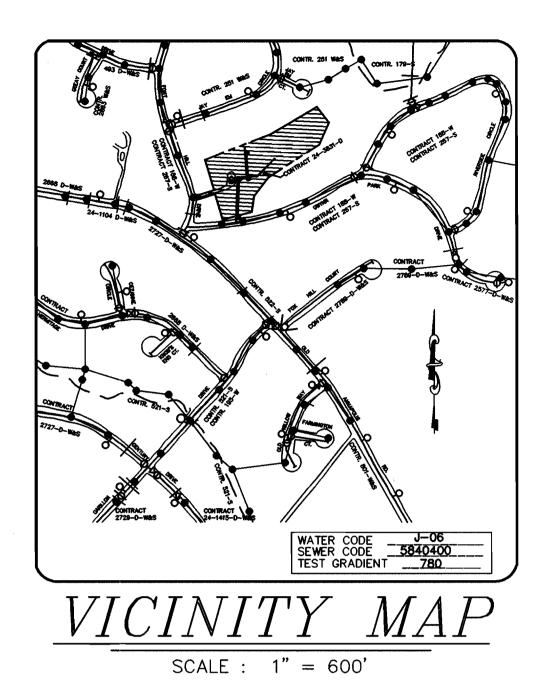
QUANTITY TABLE

ITEMS	QUANTITIES			MANUFACTURER/SUPPLIER
	ESTIMATED	QUANTITIES	TYPE	
STANDARD MH	. 4			
8" SEWER MAIN	426 L.F.			
6" SEWER MAIN	20 L.F.			
•				
4" SHC	152 L.F.			
# SHC	7			
8" WATER	610 L.F.			
6" WATER	45 L.F.			
4" WATER	232 L.F.			
F.H.	1			
# WHC	7			
1" WHC	129 L.F.			
8" X 6" T	1			
8" X 8" T & CAP	2			
8" X 4" T	1			
4" V	1			
6" V	1			
8" V	1			
1/8 HB	1			
8" C & B	2			
4" C & B	1			
8"x 8" T, S & V	1			
1-1/2" DRAIN	1			
SEWER CLEAN OUT(6"C.D)	4			
TWIN SHC	2			
	4			
		·		
NAME OF UTILITY CONTRA	CTOR:	1		-1
SURVEY AND DRAFTING DI		DATE		



TYPE OF BUILDING SINGLE FAMILY-DETACHED No. OF UNITS___ No. OF WATER HOUSE CONNECTIONS 7 No. OF SEWER HOUSE CONNECTIONS 7 DRAINAGE AREA ROUTE 108 PUMPING STATION TREATMENT PLANT_____

SEDIMENT CONTROL TO BE PROVIDED UNDER F-00-104

I/WE CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN, AND THAT ANY RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WLL HAVE A CERTIFICATE OF ATTENDANCE AT A DEPARTMENT OF THE ENVIRONMENT APPROVED TRAINING PROGRAM FOR THE CONTROL OF SEDIMENT AND EROSION BEFORE BEGINNING THE PROJECT. I ALSO AUTHORIZE SITE INSPECTION BY THE HOWARD SOIL 1////e-EVELOPER'S SIGNATURE . That HIKMAT, PRCS. HEREBY CERTIFY THAT THIS PLAN FOR EROSION AND SEDIMENT CONTROL REPRESENTS A PRACTICAL AND WORKABLE PLAN BASED ON MY PERSONAL KNOWLEDGE OF THE SITE CONDITIONS AND THAT IT WAS PREPARED IN CORDANCE WITH THE REQUIREMENTS OF THE HOWARD SOIL CONSERVATION DISTRICT. TACK HILLIAM REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS. THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE SOIL

PLAN REFERENCE NUMBER F-00-104

CONTRACT No. 24-3831 RED FOX ESTATE

LOTS 3-12 WATER AND SEWER MAIN EXTENSIONS HOWARD COUNTY, MARYLAND DEPARTMENT OF PUBLIC WORKS

These Revised water and Sewer Construction Plans Sheets 1,2 and 3 for Red Fox estate Contract # 24-3831-D SuperSedes the water and Sewer Construction sheets 1,2 and 3 Contract # 24-3831-D. Approved and Signed By chief, Development Engineering Division on 6/9/2000

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.
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- ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATA.
- 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 POLES.
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- 1-800-257-7777 MISS UTILITY COLONIAL PIPELINE CO. (410) 795–1390 HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS
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- 14. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
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- 17. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER
- 18. ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING UNLESS OTHERWISE
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- 22. FORCE MAINS SHALL BE D.I.P. ONLY.
- 23. MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVERS, STANDARD DETAIL G5.52. WHERE WATERTIGHT MANHOLE FRAME AND COVER IS USED. SET TOP OF FRAME 1' - 6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE
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- 25. CONTRACTOR TO VERIFY THE LOCATION OF ALL EXISTING UTILITIES PROIR TO COMMENCING CONSTRUCTION
- 26. SEDIMENT CONTROL TO BE PROVIDED BY F-00-104
- 27. STORM DRAIN SYSTEM INDICATED FOR INFORMATIONAL PURPOSES ONLY, SEE ROAD PLANS FOR CONSTRUCTION DATA.
- 28. COMPACTION IN FILL AREAS TO BE 95% AS DETERMINED PER AASHTO T-180.
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INDEX OF DRAWINGS

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NO.	DESCRIPTION				
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2	WATER & SEWER PLAN				
3	WATER & SEWER PROFILES				

OWNER/DEVELOPER

RAFAT, INC. C/O MILDENBER, BOENDER AND ASSOC., INC. 5072 DORSEY HALL DR. SUITE 202 ELLICOTT CITY, MD 21042 (410) 997-0296

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND

Mildell MILDENBERG, BOENDER & ASSOC., INC. 5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042 (410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax



MAY 2000

REVISION

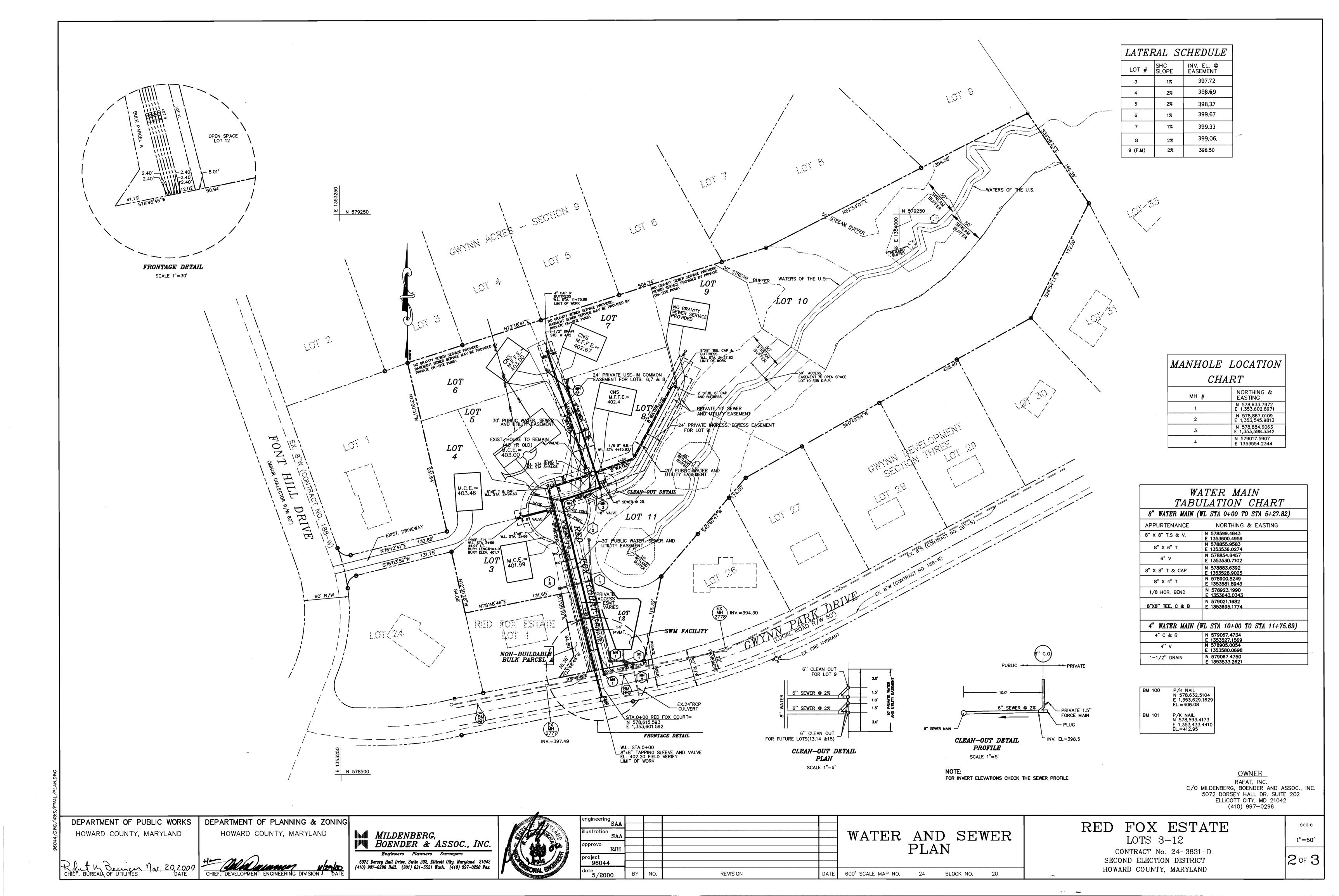
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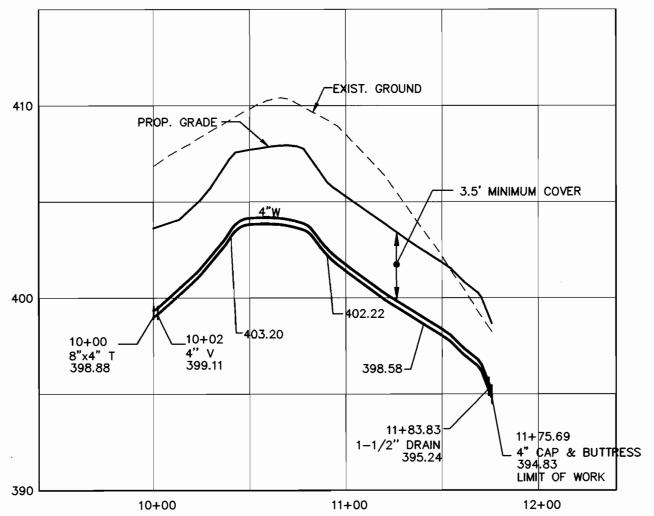
600' SCALE MAP NO. 24 BLOCK NO. 20

RED FOX ESTATE

LOTS 3-12 CONTRACT No. 24-3831-D SECOND ELECTION DISTRICT HOWARD COUNTY, MARYLAND AS SHOWN

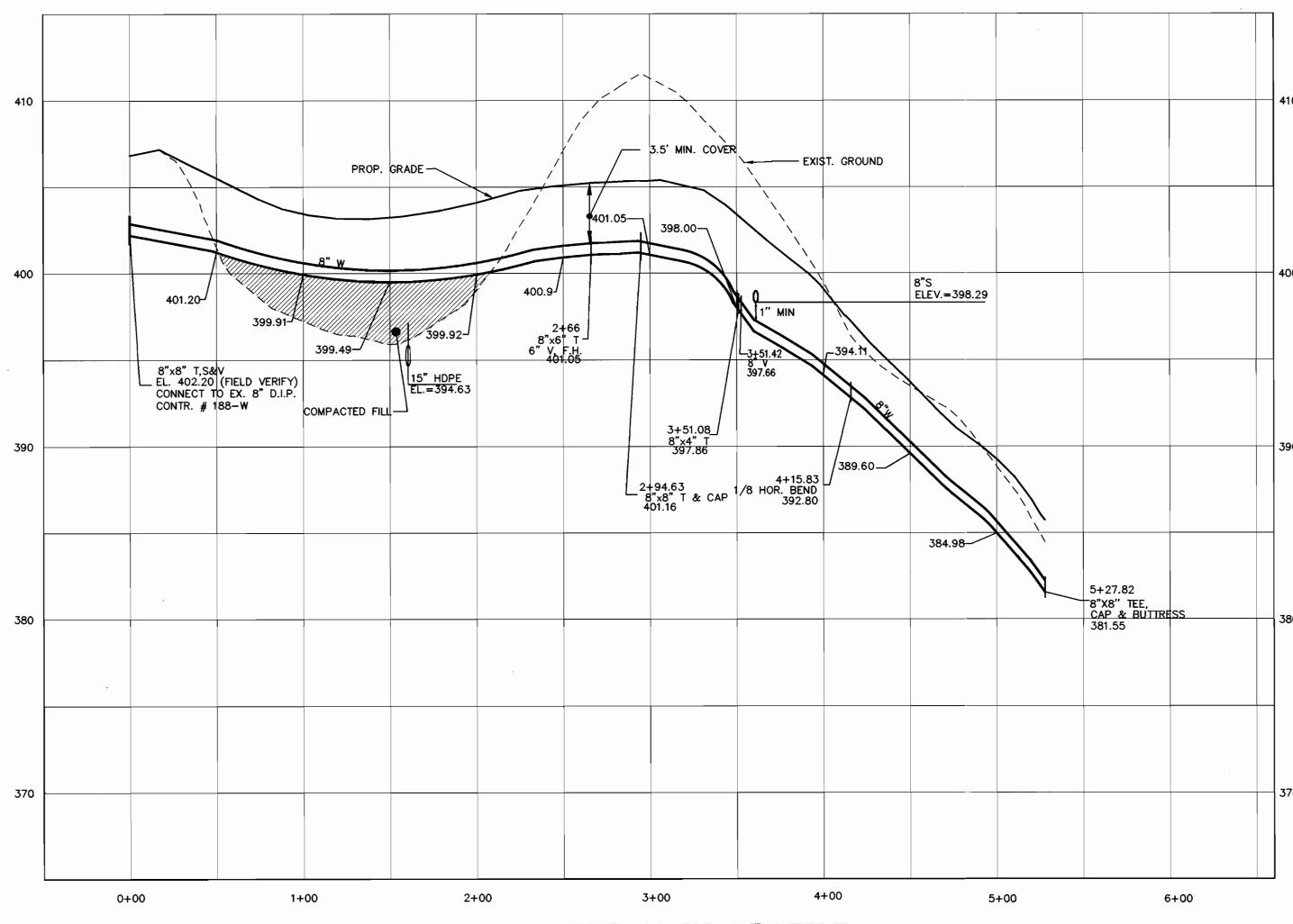
1 of 3





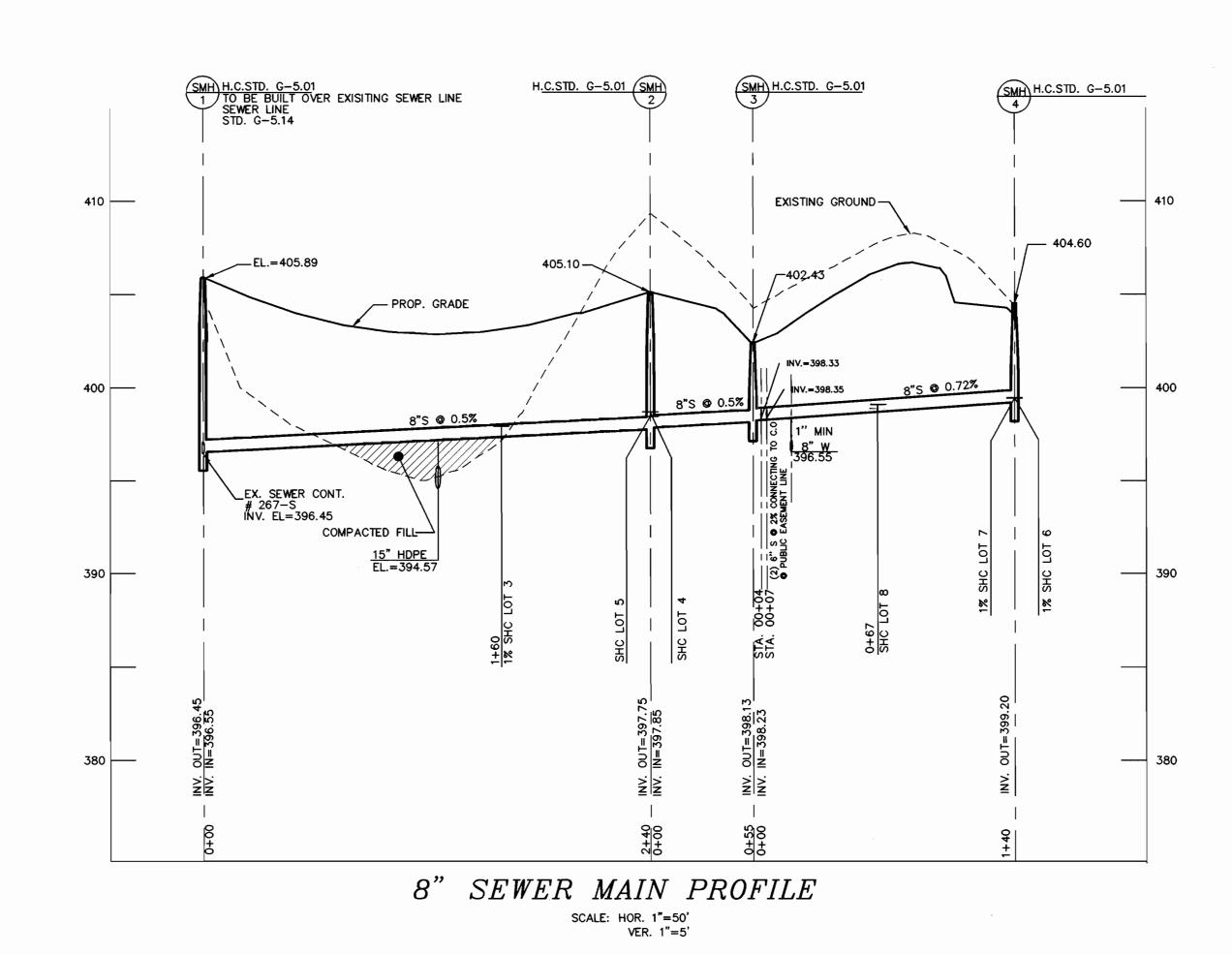
4" WATER MAIN PROFILE EASEMENT FOR LOTS 5,6,7 & 8

SCALE: HOR. 1"=50'
VER. 1"=5'



WATER MAIN PROFILE
RED FOX COURT & EASEMENT FOR LOT 9

SCALE: HOR. 1"=50' VER. 1"=5'



OWNER

RAFAT, INC.

C/O MILDENBERG, BOENDER AND ASSOC., INC.
5072 DORSEY HALL DR. SUITE 202

ELLICOTT CITY, MD 21042

(410) 997-0296

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND

CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

MILDENBERG,
BOENDER & ASSOC., INC.

Engineers Planners Surveyors

5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042 (410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax.

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RED FOX ESTATE

LOTS 3-12

CONTRACT No. 24-3831-D

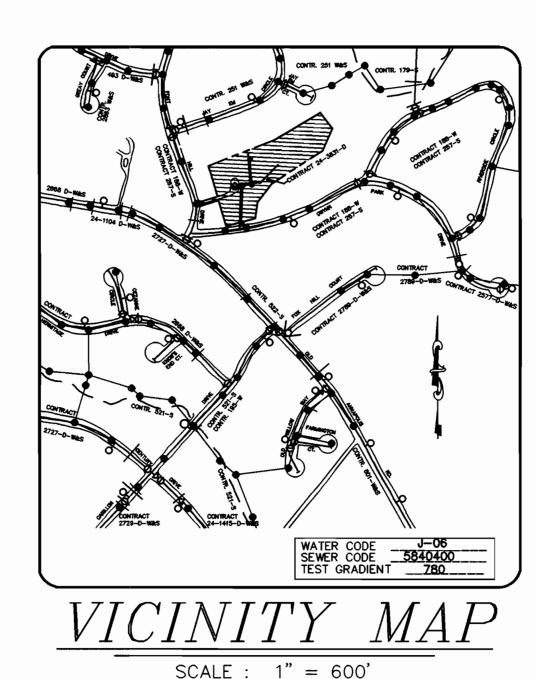
SECOND ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

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QUANTITY TABLE

ITEMS	QUANTITIES				
	ESTIMATED	QUANTITIES	TYPE	MANUFACTURER/SUPPLIER	
STANDARD MH	. 4	4			
8" SEWER MAIN	426 L.F.	434	5DR 35	J.M. MANOFACTURING	
6" SEWER MAIN	-20 L.F. 10 L.F.	12	5DR 35	"	
		160	PENGTHLEN	e adv drainage sys	
4" SHC	152 L.F.	162	50R 35	J.M. MANUFACTURING	
# SHC	7	7			
8" WATER	610 L.F.510L1	525	CL.52	U.S. PIPE & FOUNDRY	
6" WATER	45 L.F.	50	CL-52	pt tr n tr	
4" WATER	-232 L.F.436L.	185	CL-52	g tr s, tr	
F.H.	1	1	4'5C	MUELLER CO.	
# WHC	7	7	CCX FL H 15000	p ti	
1" WHC	129 L.F.	162	SOFTK	READING TUBE	
8" X 6" T	1	1	M.J.	LI.S. PIPE & FOUNDARY	
8" X 8" T & CAP	21	1	M.J.	u u u u	
8" X 4" T	1	1	M.J.	ge II IS No	
4" V	1	1	RS/OR	MUELLER CO.	
6" V	1	1	RS/OR	h V	
8" V	1	1	RS/OR	h a	
1/8 HB	1	1	M.J.	U.S. PIPE & FOUNDARY	
8" C & B	2	1	M.J.	E 4 11	
4" C & B	1	1	M.J.	0 A ft 1r	
8"x 8" T, 🕸 & V	1	1	RS/OR	MUELLER CO.	
1-1/2" DRAIN	+ z	1	CCX FL. H15.000	Įt.	
SEWER CLEAN OUT (6"C.D)	+ 1	4-	P.C.	DAVIS CONCRETE	
TWIN SHE BEWER CLEAN OUT	2 1	1	STAIN	POWER SEAL	
	•	4	P.C.	DAVIS CONCRETE	
		7	PLASTIC	AMETEX PLYMOUTH	
NAME OF UTILITY CONTRACTO	R: CONSOLI	 DATED CON	 STRUCT	10N	
SURVEY AND DRAFTING DIVIS					



TYPE OF BUILDING SINGLE FAMILY-DETACHED No. OF UNITS____ No. OF WATER HOUSE CONNECTIONS_ No. OF SEWER HOUSE CONNECTIONS 7 DRAINAGE AREA ROUTE 108 PUMPING STATION TREATMENT PLANT PATAPSCO

SEDIMENT CONTROL TO BE PROVIDED UNDER F-00-104

CONTRACT No. 24-3831-D FOX ESTATE

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DEPARTMENT OF LINING & ZONING DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND HOWARD COUNTY, MARYLAND

MILDENBERG, BOENDER & ASSOC., INC. 5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042 (410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax



ASBUILT CONDITIONS ADDED TO PLAN DATE 600' SCALE MAP NO. 24 BLOCK NO. 20 REVISION

TITLE SHEET

RED FOX ESTATE

LOTS 3-12 CONTRACT No. 24-3831-D SECOND ELECTION DISTRICT

HOWARD COUNTY, MARYLAND

AS SHOWN

1 of 3

