GENERAL NOTES

TO PROTECT EXISTING MAINS AND SERVICES AND MAINTAIN UNINTERRUPTED SERVICE. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

TOPOGRAPHY FIELD SURVEYS WERE PRERFORMED ON MARCH 1998 BY POTOMAC AERIAL SURVEYS.

THE COORDINATES SHOWN ON THE DRAWINGS ARE BASED ON MARYLAND STATE REFERENCE SYSTEM NAD '83/'91 AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS 43B2 AND 43B6.

GEODETIC SURVEY CONTROL 34C2 (N 562321.798 / E 1329750.722) BRASS DISC SET ON TOP OF A CONCRETE MONUMENT. GEODETIC SURVEY CONTROL 0044 (N 562,176.47 / E 1,329,641.87) BRASS DISC SET ON TOP OF A CONCRETE MONUMENT.

ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS UNLESS OTHERWISE NOTED ON THE PLANS. . CLEAR ALL UTILITIES BY A MINIMUM OF 12 INCHES, 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 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

DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS 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 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 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 OPERATION AT HIS OWN EXPENSE.

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

1-800-252-1133 BGE (CONTRUCTION SERVICES) 410-637-8713 410-685-0123 BGE (EMERGENCY) **BUREAU OF UTILITIES** 410-313-4900 COLONIAL PIPELINE CO 1-800-257-7777 410-531-5533

1-800-743-0033

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 CODE.

. ALL WATER MAINS SHALL BE DIP CLASS 54 UNLESS OTHERWISE NOTED.

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

. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.

. ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS UNLESS

FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN 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 SECTION 1005 OF THE STANDARD SPECIFICATIONS.

THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM. TRACER WIRE AND CONTINUITY TEST STATIONS SHALL BE INSTALLED ON ALL DIP AND PVC WATER MAINS IN ACCORDANCE

WITH THE HOWARD COUNTY DESIGN MANUAL.

PART III - SEWER

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

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

3. LOW PRESSURE SEWER SHALL BE SDR-21 PVC OR HDPE DR11 ONLY.

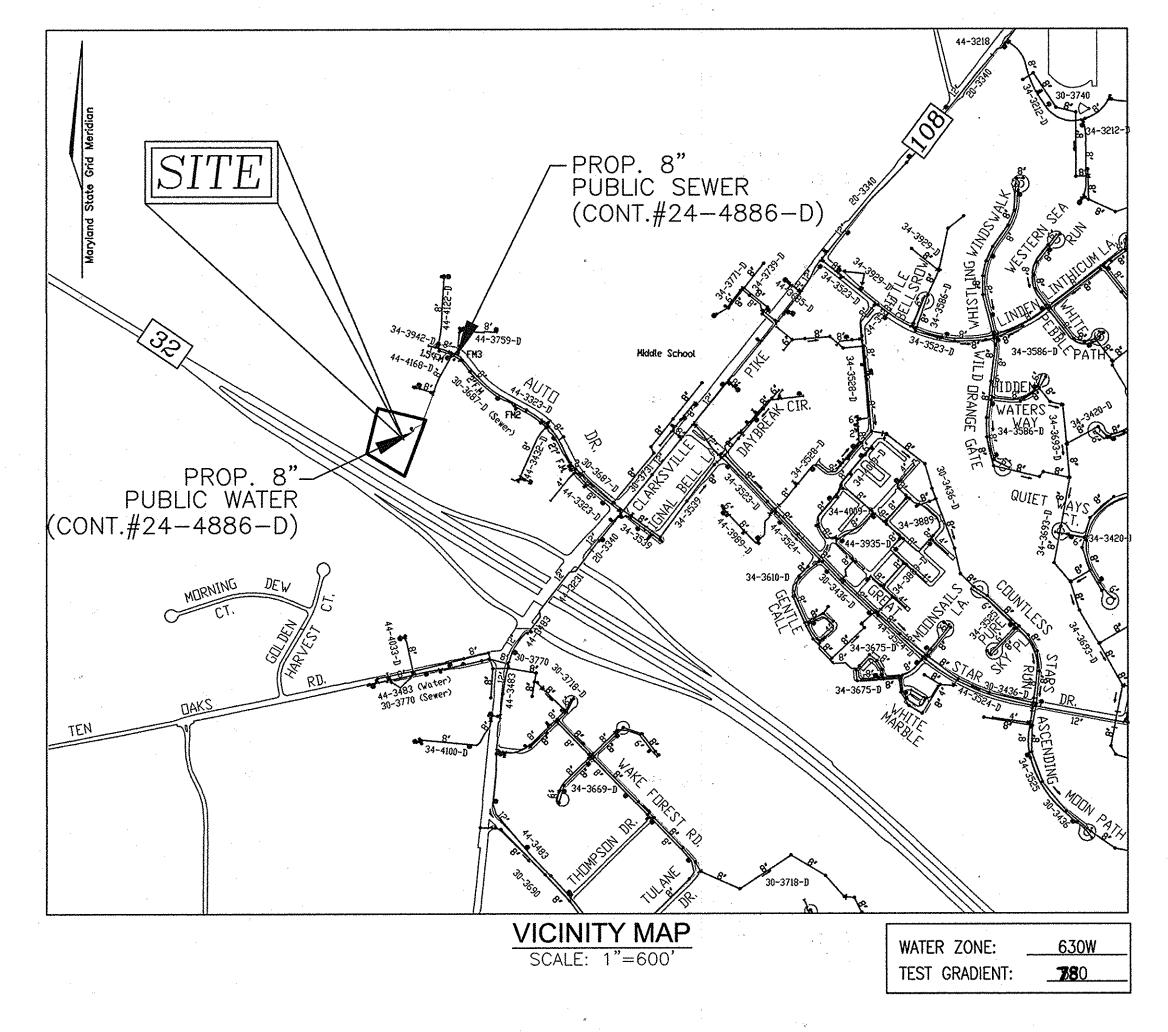
i. MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVERS, STANDARD DETAIL G5.52. WHERE WATERTIGHT FRAME AND COVER IS USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.

6. HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATES THE CELLAR CANNOT BE SERVED.

FINAL WATER & SEWER CONSTRUCTION PLAN COLEMAN FIAT HOLWECK SUBDIVISION PARCEL 'K-4'

12520 NEW CAR DRIVE PARCEL 365 (L. 08594 / F. 00473) PLAT NO. 16013

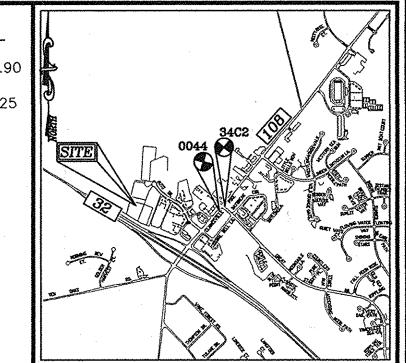
CONTRACT 24-4886-D HOWARD COUNTY, MARYLAND



TYPE OF BUILDING :	AUTOMOBILE SALES AND SERV
NO. OF BUILDING :	1
NO. OF SINGLE WATER HOUSE CONNECTIONS	;1
NO. OF SINGLE SEWER HOUSE CONNECTIONS	S:1
SEWER SHED :	MIDDLE PATUXENT RIVER
TREATMENT PLANT :	MIDDLE PATUXENT RIVER WATER TREATMENT PLANT

BENCHMARKS

HOWARD COUNTY BENCHMARK 34C2 N 562321.798 E 1329750.722 ELEV. 487.90 HOWARD COUNTY BENCHMARK 0044 N 562,176.47 E 1,329,641.87 ELEV. 485.25



SCALE: 1"=2,000'
ADC MAP COORDINATE: PG. 4933 / K-7

LEGEND	
EXISTING TREELINE	www.
PROPOSED TREELINE	
EXISTING WATER MAIN	W
PROPOSED WATER MAIN	
FIRE HYDRANT	
PROPOSED VALVE	$\overline{\Omega}$
PROPOSED TEE	-4-
PROPOSED STORM DRAIN	
EXISTING STORM DRAIN	SD
EXISTING SEWER	S\$
SEWER MANHOLE	
PRIVATE WATER HOUSE CONNECTION	MANUAL COMMON RAMANA SPANIO SPANIO SPANIO SPANIO
PRIVATE SEWER	
PROPOSED SIGN	
PROPOSED LIGHT	

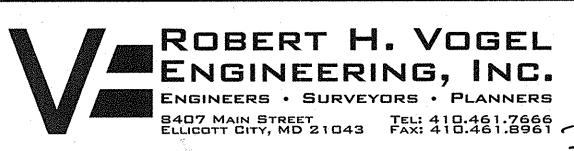
		QUANT	ITIES	
NAME OF UTILITY CONTRACTOR:				2 .
SURVEY AND DRAFTING DIVISION A	AS-BUILT DATE :		·	
	QUANTITIES	AS-BUILT		
ITEMS	ESTIMATED	QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
	······································	WATER		
8" WATER DIP CLASS 54	285 LF			·
6" WATER DIP CLASS 54	15 LF			!
4" WATER DIP CLASS 54	10 LF			
8" - 1/8 BEND	2 EA	<		
5-1/4" FIRE HYDRANT	1 EA -			
8" CAP	, 1 EA		•	
4" VALVE	1 EA			
6" VALVE	1 EA			
8" VALVE	1 EA			
8"x4" TEE	1 EA			*
8"x6" TEE	1 EA			
		SEWER		
-1/2" PRESSURE SEWER SDR-21 PVC	16 LF			·

OWNER/DEVELOPER 1318 COMPANY LLC 10400 AUTO PARK AVE BETHESDA, MD 20817-1006 C/O: JIM COLEMAN 301-469-6600

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 308 OF THE SPECIFICATIONS AND WITH SITE DEVELOPMENT PLAN SDP-15-004.

HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING HOWARD COUNTY, MARYLAND



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	PRO 16193
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	DADEDT H VOCEL DE NO 16103

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	PROFESSIONAL CERTIFICATE					·
ULL.	I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND					
- P	ITHAT LAM A DULY LICENSED PROFESSIONALI					FINAL WA
A STATE OF THE STA	ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 16193 EXPIRATION DATE: 09-27-2016				1	
22/5	EXPIRATION DATE: 09-27-2016					CONSTR
COL -	DRN: KG DES: DZE					CONTRAC
& [DATE NO DESCRIPTION					CONTRAC
	CHK: RHV					
	DATE: JUNE					
16193	I UMIC.	BY	NO.	REVISION	DATE	600' SCALE MAP NO

