

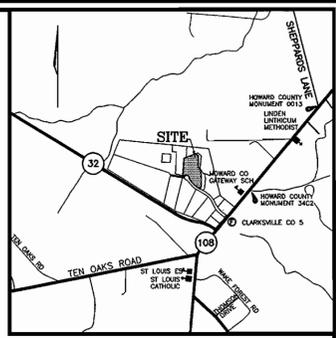
COLEMAN HONDA CAR DEALERSHIP

PUBLIC WATER PLANS

HOWARD COUNTY, MARYLAND

CONTRACT NO. 44-3759-D

BENCH MARKS
 0013 - HOWARD COUNTY MONUMENT
 N. 564,285.948 E. 1,351,309.715
 34C2 - HOWARD COUNTY MONUMENT
 N. 562,321.798 E. 1,329,750.722



VICINITY MAP
SCALE: 1"=2000'

GENERAL NOTES

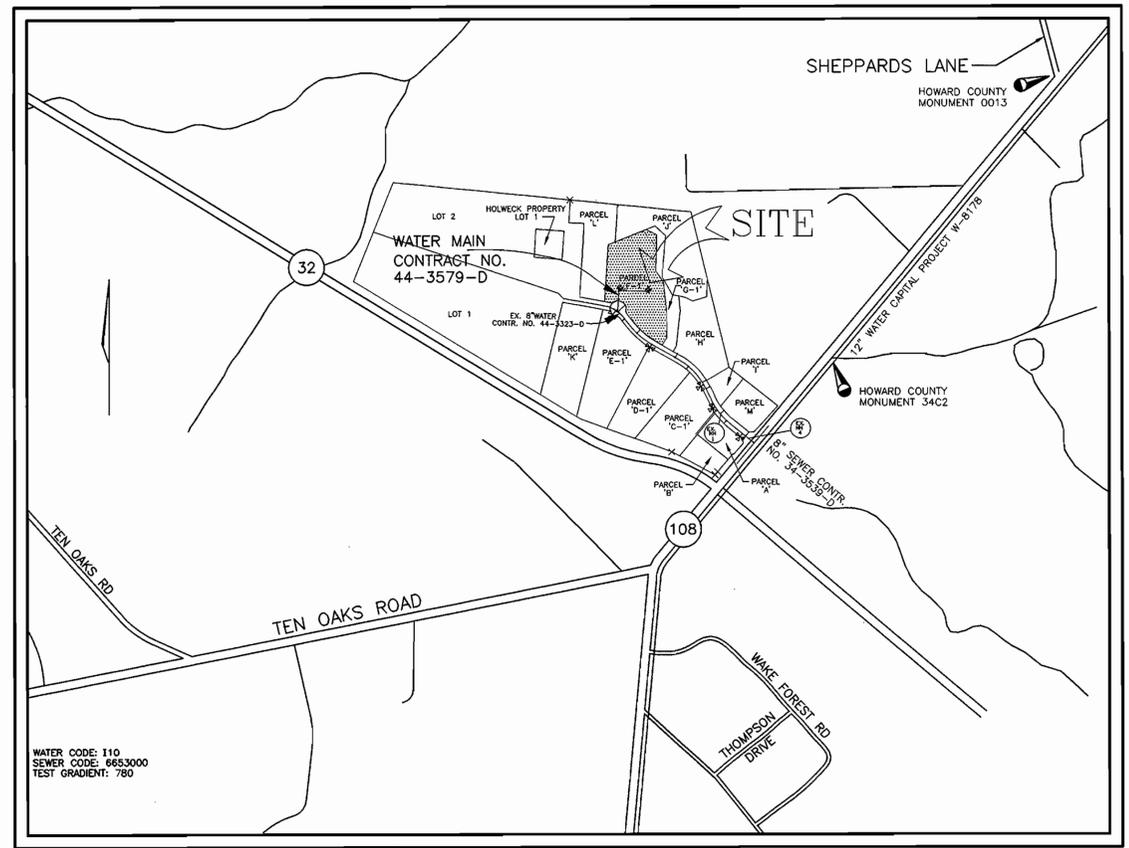
PART I

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.
3. ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S DATA.
4. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
5. CLEAR ALL UTILITIES BY A MINIMUM OF 6". CLEAR ALL POLES BY 2'-0" MINIMUM OR TUNNEL AS REQUIRED. THE OWNER HAS CONTRACTED 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 FROM MONEY OWED THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
6. FOR DETAILS NOT SHOWN ON THE DRAWINGS, AND FOR MATERIALS AND CONSTRUCTION METHODS USE HOWARD COUNTY DESIGN MANUAL, VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION (LATEST EDITION). THE CONTRACTOR SHALL HAVE A COPY OF VOLUME IV ON THE JOB.
7. 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 WORKING DAYS BEFORE STARTING WORK SHOWN THESE PLANS:

C. & P. TELEPHONE	597-8585
A.T. & T.	865-3803
STATE HIGHWAY ADMINISTRATION	531-5633
B.G.&E. CO. CONTRACTOR SERVICES	850-4620
B.G.&E. CO. UNDER GROUND DAMAGE CONTROL	787-9068
MISS UTILITY	1-800-257-7777
COLONIAL PIPELINE CO.	795-1390
HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS BUREAU OF UTILITIES	313-4900
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 THE CONSTRUCTION OF THE MAIN.
11. 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 MAIN OR HOUSE CONNECTIONS. THE APPROVAL OF THESE DRAWINGS WILL CONSTITUTE COMPLIANCE WITH DPW REQUIREMENTS PER SECTION 18.114(g) OF THE HOWARD COUNTY CODE.

PART II - WATER

1. ALL WATER MAINS TO BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.
2. TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3-1/2' COVER UNLESS OTHERWISE NOTED.
3. VALVES ADJACENT TO TEES SHALL BE STRAPPED TO TEES.
4. ALL FITTINGS SHALL BE BUTTRESSED OR ANCHORED WITH CONCRETE IN ACCORDANCE WITH CONCRETE IN ACCORDANCE WITH THE STANDARD DETAILS UNLESS OTHERWISE PROVIDED FOR ON THE DRAWINGS.
5. FIRE HYDRANTS SHALL BE SET TO THE BURY LINE ELEVATIONS SHOWN ON THE DRAWINGS. ALL FIRE HYDRANTS SHALL BE RESTRAINED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS. SOIL AROUND FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1000 AND 1005 OF THE STANDARD SPECIFICATIONS.
6. THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
7. ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE METER SETTING UNLESS OTHERWISE NOTED ON PLANS OR IN SPECIFICATIONS.



LOCATION MAP
SCALE: 1"=600'

ITEMS	QUANTITIES ESTIMATED	QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
8" CAP & BUTTRESS	2			
8" VALVE	1			
6" VALVE	2			
8"x6" TEE	4			
8"x8" TSV	1			
FIRE HYDRANT	2			
6" WATER	20 L.F.			
8" WATER	370 L.F.			
AS-BUILT				
QUANTITIES				
NAME OF UTILITY CONTRACTOR				
SURVEY AND DRAFTING DIVISION AS-BUILT DATE				

TYPE OF BUILDING:	COMMERCIAL
NO. OF LOTS/PARCELS:	1
NO. OF WATER HOUSE CONNECTIONS:	1
NO. OF SEWER HOUSE CONNECTIONS:	0
DRAINAGE AREA:	N/A
TREATMENT PLANT:	N/A

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS AND WITH SITE DEVELOPMENT PLAN SDP-99-93.

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT. JOHN R. ROBERTS SOIL CONSERVATION DISTRICT DATE: 4-12-99	REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS. CHERYL SIMMONS U.S. SOIL CONSERVATION DISTRICT DATE: 4-12-99
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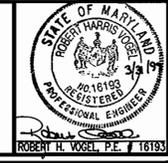
DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

 ROBERT M. BAINGER
 CHIEF, BUREAU OF UTILITIES
 DATE: 4-7-99

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND

 ROBERT M. BAINGER
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 DATE: 4/12/99

VOGEL & ASSOCIATES
 ENGINEERS-SURVEYORS-PLANNERS
 3691 Park Avenue, Suite 101 • Ellicott City, Maryland 21043
 Tel 410.461.5828 Fax 410.465.3966



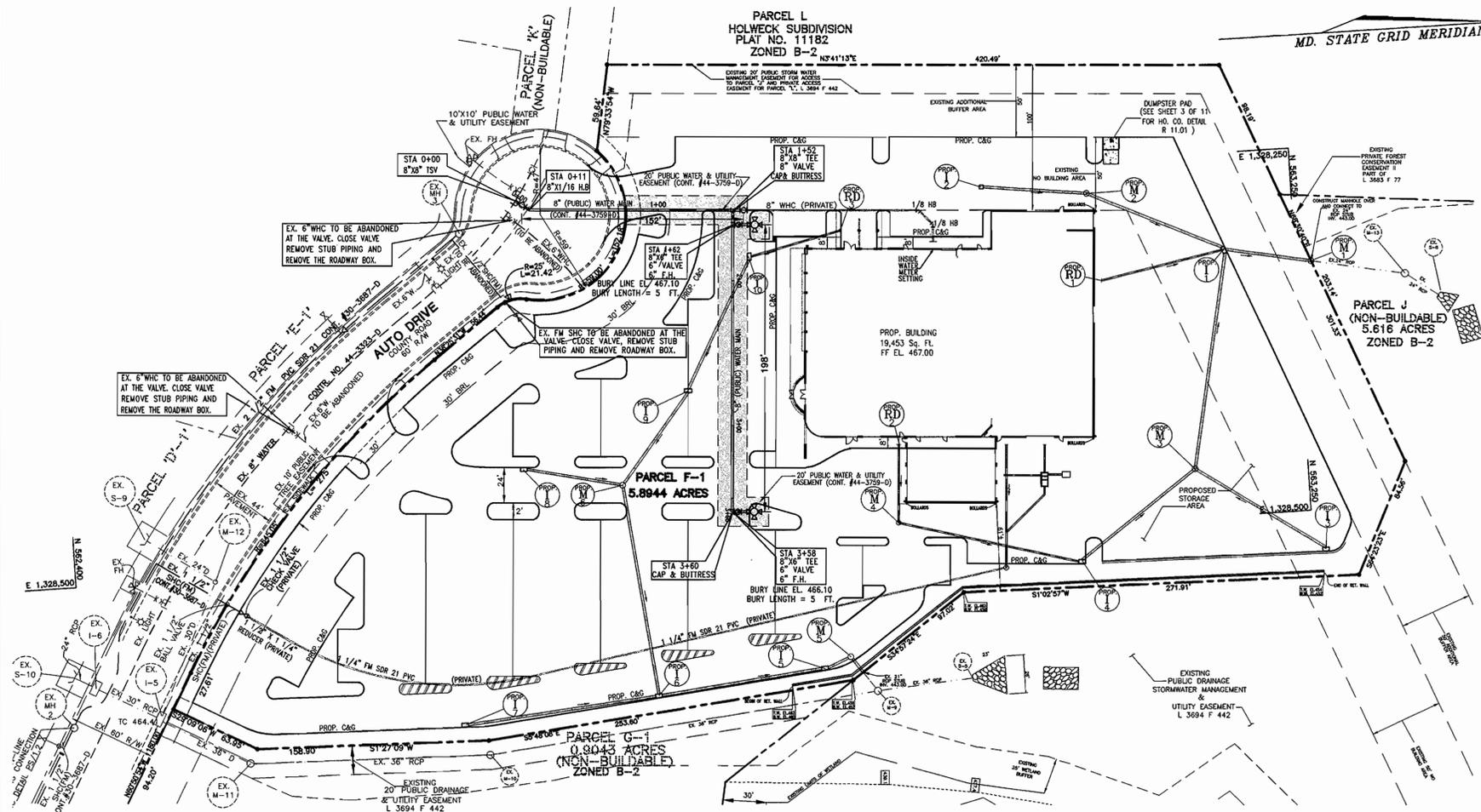
DES:	J.E.R.				
DRN:	J.E.R.				
CHK:	R.H.V.				
DATE:	MARCH, 1999	BY	NO.	REVISION	DATE

TITLE SHEET

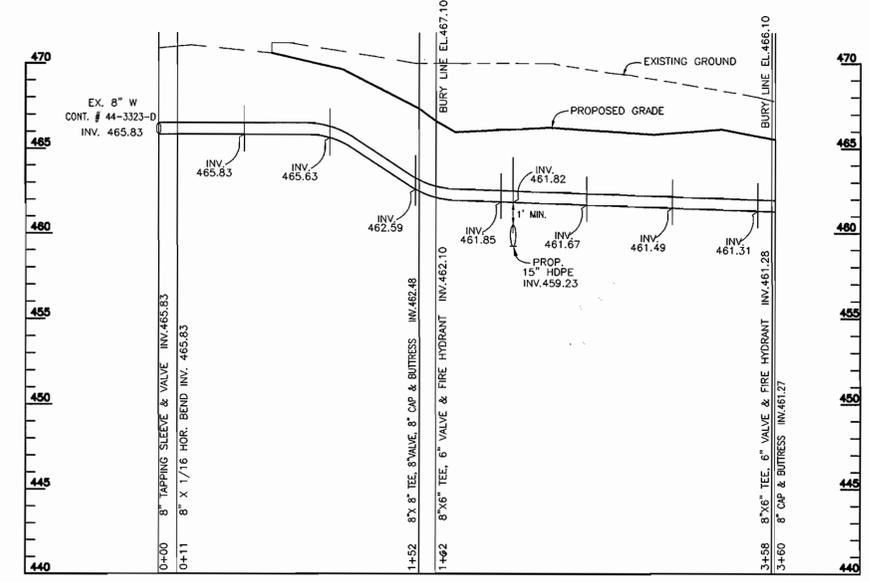
600' SCALE MAP NO. 34 BLOCK NO. 6

COLEMAN HONDA CAR DEALERSHIP
 HOWECK SUBDIVISION, PARCEL F-1
CONTRACT 44-3759-D
 TAX MAP: 34 5TH ELECTION DISTRICT
 PARCEL: F-1 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 1 OF 2



8" WATER MAIN PLAN
SCALE: 1" = 50'



8" WATER MAIN PROFILE
SCALE: 1" = 50' (HOR.)
1" = 5' (VER)

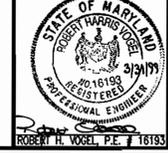
SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS AND WITH SITE DEVELOPMENT PLAN SDP P-99-93

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<i>John K. Robertson</i> SOIL CONSERVATION DISTRICT DATE: 4-12-99	<i>Chief Simmons</i> U.S. SOIL CONSERVATION DISTRICT DATE: 4-12-99

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
Robert M. Bruner
CHIEF, BUREAU OF UTILITIES
DATE: 4-7-99

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND
Chief Simmons
CHIEF, DEVELOPMENT ENGINEERING DIVISION
DATE: 4/16/99

VOGEL & ASSOCIATES
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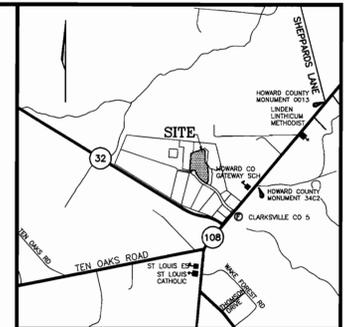
8" WATER MAIN
PLAN AND PROFILE
600' SCALE MAP NO. 34 BLOCK NO. 6

COLEMAN HONDA CAR DEALERSHIP
HOWECK SUBDIVISION, PARCEL F-1
CONTRACT 44-3759-D
TAX MAP: 34
5TH ELECTION DISTRICT
PARCEL: F-1
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 2 OF 2

COLEMAN HONDA CAR DEALERSHIP PUBLIC WATER PLANS HOWARD COUNTY, MARYLAND CONTRACT NO. 44-3759-D

BENCH MARKS
0013 - HOWARD COUNTY MONUMENT
N. 564,285.946 E. 1,331,309.715
34C2 - HOWARD COUNTY MONUMENT
N. 562,321.798 E. 1,329,750.722



VICINITY MAP
SCALE: 1"=2000'

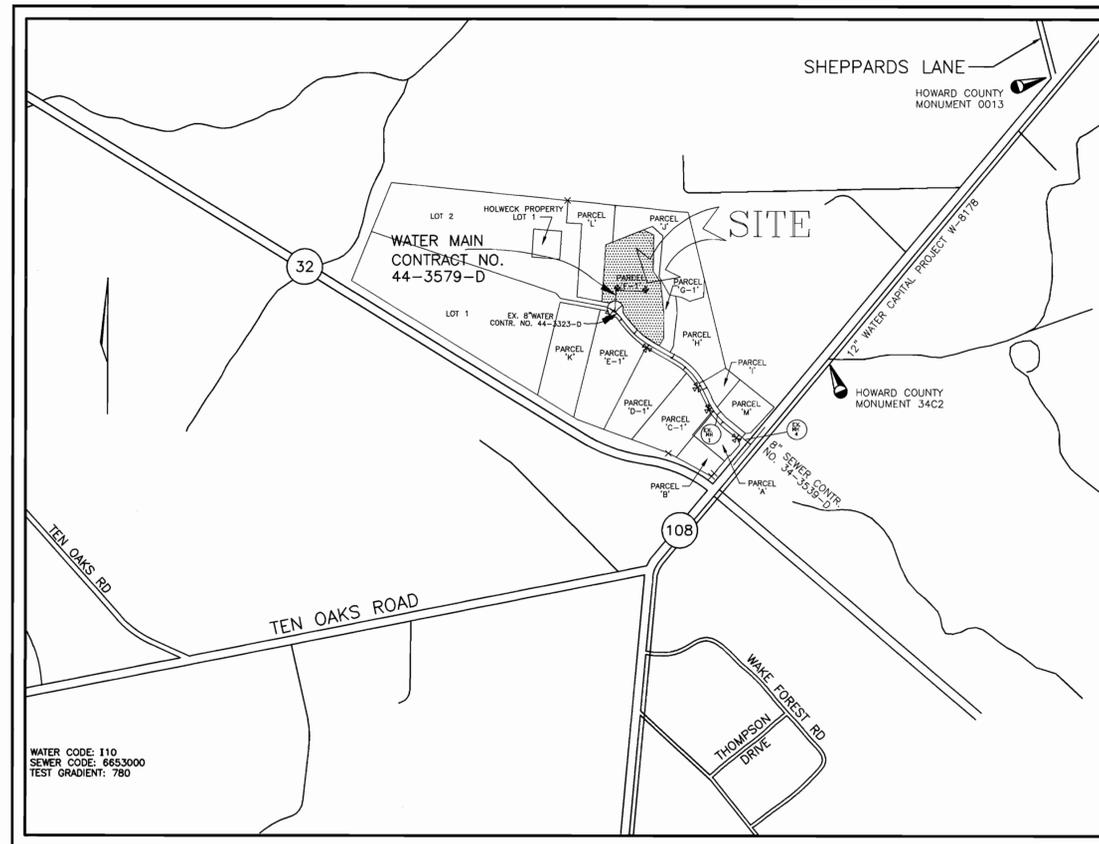
GENERAL NOTES

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LOCATION MAP
SCALE: 1"=600'

ITEMS	QUANTITIES ESTIMATED	QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
8" CAP & BUTTRESS	2	2		U.S. PIPE AND FOUNDRY / BELAIR ROAD SUPPLY
8" VALVE	1	1	RESILIENT SEAT OR	MUELLER CO. / BELAIR ROAD SUPPLY
6" VALVE	2	2	RESILIENT SEAT OR	MUELLER CO. / BELAIR ROAD SUPPLY
8"x6" TEE	4	2		U.S. PIPE AND FOUNDRY / BELAIR ROAD SUPPLY
8"x8" TSV	1	1		MUELLER CO. / BELAIR ROAD SUPPLY
FIRE HYDRANT	2	2	5' BURY SUPER CENTRIFUGAL 4"	MUELLER CO. / BELAIR ROAD SUPPLY
6" WATER	20 L.F.	20	CL 52	U.S. PIPE AND FOUNDRY / BELAIR ROAD SUPPLY
8" WATER	370 L.F.	372	CL 52	U.S. PIPE AND FOUNDRY / BELAIR ROAD SUPPLY
AS-BUILT				
QUANTITIES				
NAME OF UTILITY CONTRACTOR				
SURVEY AND DRAFTING DIVISION AS-BUILT DATE				

TYPE OF BUILDING:	COMMERCIAL
NO. OF LOTS/PARCELS:	1
NO. OF WATER HOUSE CONNECTIONS:	1
NO. OF SEWER HOUSE CONNECTIONS:	0
DRAINAGE AREA:	N/A
TREATMENT PLANT:	N/A

SEDIMENT CONTROL MEASURES WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE SPECIFICATIONS AND WITH SITE DEVELOPMENT PLAN SDP-99-93.

THIS DEVELOPMENT IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.

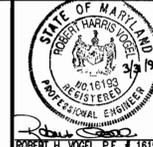
John R. Roberts 4-12-99
SOIL CONSERVATION DISTRICT DATE

Cheryl Simmons 4-12-99
U.S. SOIL CONSERVATION DISTRICT DATE

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING & ZONING
HOWARD COUNTY, MARYLAND

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TITLE SHEET

COLEMAN HONDA CAR DEALERSHIP
HOWECK SUBDIVISION, PARCEL F-1
CONTRACT 44-3759-D

SCALE AS SHOWN

SHEET 1 OF 2

Robert M. Deming 4-7-99
CHIEF, BUREAU OF UTILITIES DATE

Cheryl Simmons 4/16/99
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

TAX MAP: 34
5TH ELECTION DISTRICT

PARCEL: F-1
HOWARD COUNTY, MARYLAND

600' SCALE MAP NO. 34 BLOCK NO. 6

