

**QUANTITY TABLE**

ITEMS	QUANTITIES ESTIMATED	QUANTITIES	TYPE	MANUFACTURER/SUPPLIER
STANDARD MH (HO. CO. STD.G-5.01)	5	5 EA.	PRECAST	ATLANTIC CONC. PRODUCTS/
8" SEWER MAIN	707 L.F.	707 L.F.	PVCSDR35	J.M.EAGLE/
4" SEWER HOUSE CONNECTION	20 L.F.	20 L.F.	PVCSDR35	J.M.EAGLE/
# SEWER HOUSE CONNECTIONS	3 EACH	3 EA.	PVCSDR35	J.M.EAGLE/
# MANHOLE SEWER HOUSE CONNECTIONS	1 EACH	1 EA.	PVCSDR35	J.M.EAGLE/
8" WATER MAIN	415 L.F.	415 L.F.	CL54DIP	GRIFFIN PIPE/
6" WATER MAIN	410 L.F.	410 L.F.	CL54DIP	GRIFFIN PIPE/
1.5" WATER HOUSE CONNECTION	40 L.F.	39 L.F.	KCOPPER	READING TUBE/
TWIN WHC (LOTS 3/4)	2 EACH	1 EA.	YBRANCH	MUELLER CO./
12" x 8" R.	1 EACH	1 EA.	MJ DIP	SIGMA CORP./
6" CAP & BUTTRESS	1 EACH	1 EA.	MJ DIP	SIGMA CORP./
1/2" H.B. (8") 1/32 H.B. (8")	2 EACH	2 EA.	MJ	SIGMA CORP./
8"x6" R.	1 EACH	1 EA.	MJ	SIGMA CORP./
F.H.	1 EACH	1 EA.	Ø-Ø"	MUELLER CO./
8"x6" F.H.T. & V.	1 EACH	1 EA.	T-DIP	SIGMA CORP./
			V-GATEV.	MUELLER CO./

BELAIR ROAD SUPPLY

NAME OF UTILITY CONTRACTOR: W.F. WILSON & SONS, INC.  
 SURVEY AND DRAFTING DIVISION AS-BUILT DATE: OCTOBER 2010

**INDEX OF DRAWINGS**

NO.	DESCRIPTION
1	TITLE SHEET
2	WATER AND SEWER PLAN AND PROFILES

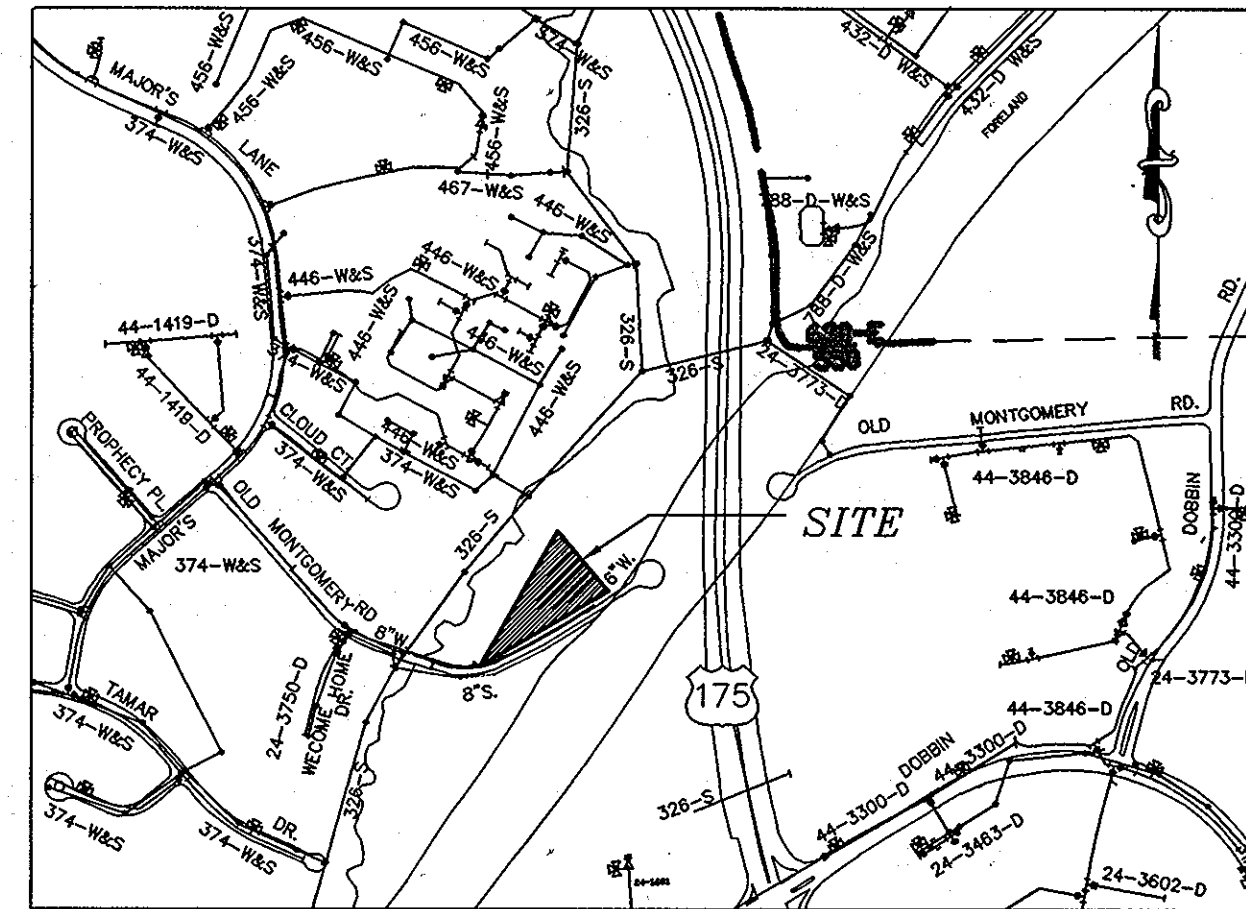
# CONTRACT NO.: 24-4292-D

## ELKHORN OVERLOOK

### WATER AND SEWER MAIN EXTENSIONS

#### HOWARD COUNTY, MARYLAND

#### DEPARTMENT OF PUBLIC WORKS



**VICINITY MAP**  
 SCALE 1"=600'  
 WATER CODE = D-04  
 SEWER CODE = 2152700  
 TEST GRADIENT = 700  
 BLOCK NUMBER = 11  
 PARCEL NUMBER = 246

TYPE OF BUILDING	SFD
No. OF UNITS	4
No. OF WATER HOUSE CONNECTION	4
No. OF SEWER HOUSE CONNECTIONS	4
DRAINAGE AREA	PATAPSCO
TREATMENT PLANT	PATAPSCO WWTP

**GENERAL NOTES**

- APPROXIMATE LOCATIONS OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS 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.
- TOPOGRAPHIC FIELD SURVEYS WERE PERFORMED ON MAY 2004 BY MILDENBERG BOENDER & ASSOCIATES.
- HORIZONTAL AND VERTICAL SURVEY CONTROLS: THE COORDINATES SHOWN ON THE DRAWINGS ARE BASED ON MARYLAND STATE REFERENCE SYSTEM NAD '83/'91 AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 36FB AND NO. 36FC. ALL VERTICAL CONTROLS ARE BASED ON NAVD '29. VERTICAL CONTROLS PROVIDED ON THE DRAWINGS ARE HO.CO. GEODETIC CONTROL STA. 36FB AND 36FC.
- 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 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 MONIES OWNED THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES. FOR DETAILS NOT SHOWN ON THE DRAWING, 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.
- 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 OPERATIONS 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:

AT&T	1-800-252-1133
BGE(CONSTRUCTION SERVICES)	410-850-4620
BGE(EMERGENCY)	410-685-1400
BUREAU OF UTILITIES	410-313-4900
COLONIAL PIPELINE CO.	410-795-1390
STATE HIGHWAY ADMINISTRATION	410-531-5533
VERIZON	1-800-743-0033/410-224-9210

- 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.
- THE CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG THE LINE OF EXCAVATED. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONSTRUCTION OF THE MAIN.
- THE CONTRACTOR SHALL NOTIFY THE BUREAU OF HIGHWAYS, HOWARD COUNTY, AT (410)313-7450 AT LEAST FIVE 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(q) OF THE HOWARD COUNTY CODE.
- PLEASE USE CAUTION WHILE EXCAVATING IN THE VICINITY OF OVERHEAD ELECTRICAL LINES.

- WATER**
- ALL WATER MAINS SHALL BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.
  - 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 OTHERWISE PROVIDED FOR ON THE DRAWINGS.
  - 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.

- SEWER**
- ALL SEWER MAINS SHALL BE D.I.P. OR P.V.C. UNLESS OTHERWISE NOTED.
  - ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
  - FORCE MAINS SHALL BE D.I.P. ONLY.
  - MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.
  - MANHOLES DESIGNATED W.T. IN PLAN AND PROFILE SHALL HAVE WATERTIGHT FRAME AND COVER, STANDARD DETAIL G5.52, WHERE WATERTIGHT MANHOLE FRAMES AND COVERS ARE USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
  - HOUSE(S) WITH THE SYMBOL "C.N.S." INDICATED THAT THE CELLAR CANNOT BE SERVED.

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 WILL 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 PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

DEVELOPER'S SIGNATURE: *R. JAGOB NIKMAT* DATE: 9/13/05  
 DEVELOPER'S NAME: R. JAGOB NIKMAT, AUTHORIZED AGENT  
 ENGINEER'S SIGNATURE: *John B. Mildenberg* DATE: 9/19/05  
 ENGINEER'S NAME: JOHN B. MILDENBERG  
 REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS.  
 DATE: 9-13-05  
 THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE SOIL CONSERVATION DISTRICT.  
 DATE: 9-13-05

PLAN REFERENCE NUMBERS:  
 F-05-131

**AS BUILT**  
 DATE: OCTOBER 2010

**OWNER**  
 ELKHORN L.L.C.  
 C/O MILDENBERG BOENDER AND ASSOC., INC.  
 5072 DORSEY HALL DRIVE SUITE 202  
 ELLICOTT CITY, MARYLAND 21043  
 (410)997-0296

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 DATE: 10-3-05

DEPARTMENT OF PLANNING & ZONING  
 HOWARD COUNTY, MARYLAND  
 DATE: 10/11/05

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

engineering	MMM				
illustration	MMM				
approval	JBM				
project	04-015	MMM	2	REV. QUANTITY TABLE	4/22/05
date	SEPT. 2005	BY	NO.	REVISION	DATE

**TITLE SHEET**

600' SCALE MAP NO. 36 BLOCK NO. 11

**ELKHORN OVERLOOK**  
 LOTS 1 - 4 & OPEN SPACE LOT 5 (PARCEL 246)  
 CONTRACT NO.: 24-4292-D  
 SIXTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

scale  
 AS SHOWN  
**1 OF 3**

04-015 (DWG) V.S.-COVER

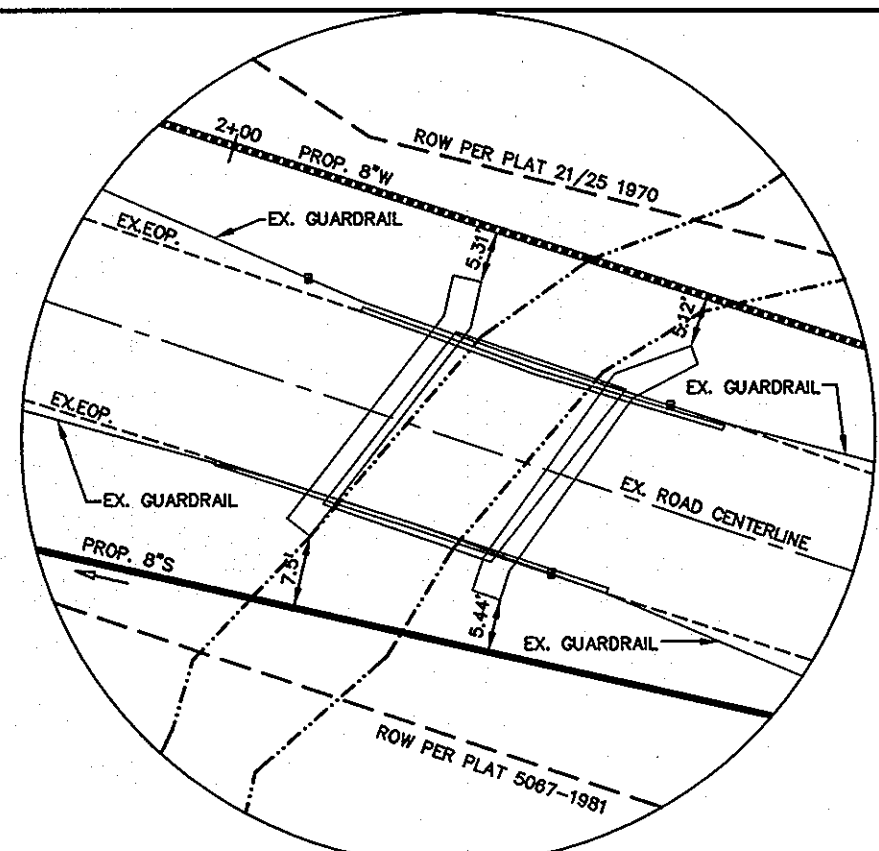


**MANHOLE LOCATION CHART**

SMH#	NORTHING/EASTING
10	N 558,623.5 E 1,362,599.5
20	N 558,818.8 E 1,362,605.9
30	N 558,712.2 E 1,362,990.1
40	N 558,712.4 E 1,362,993.6
50	N 558,883.8 E 1,363,338.5

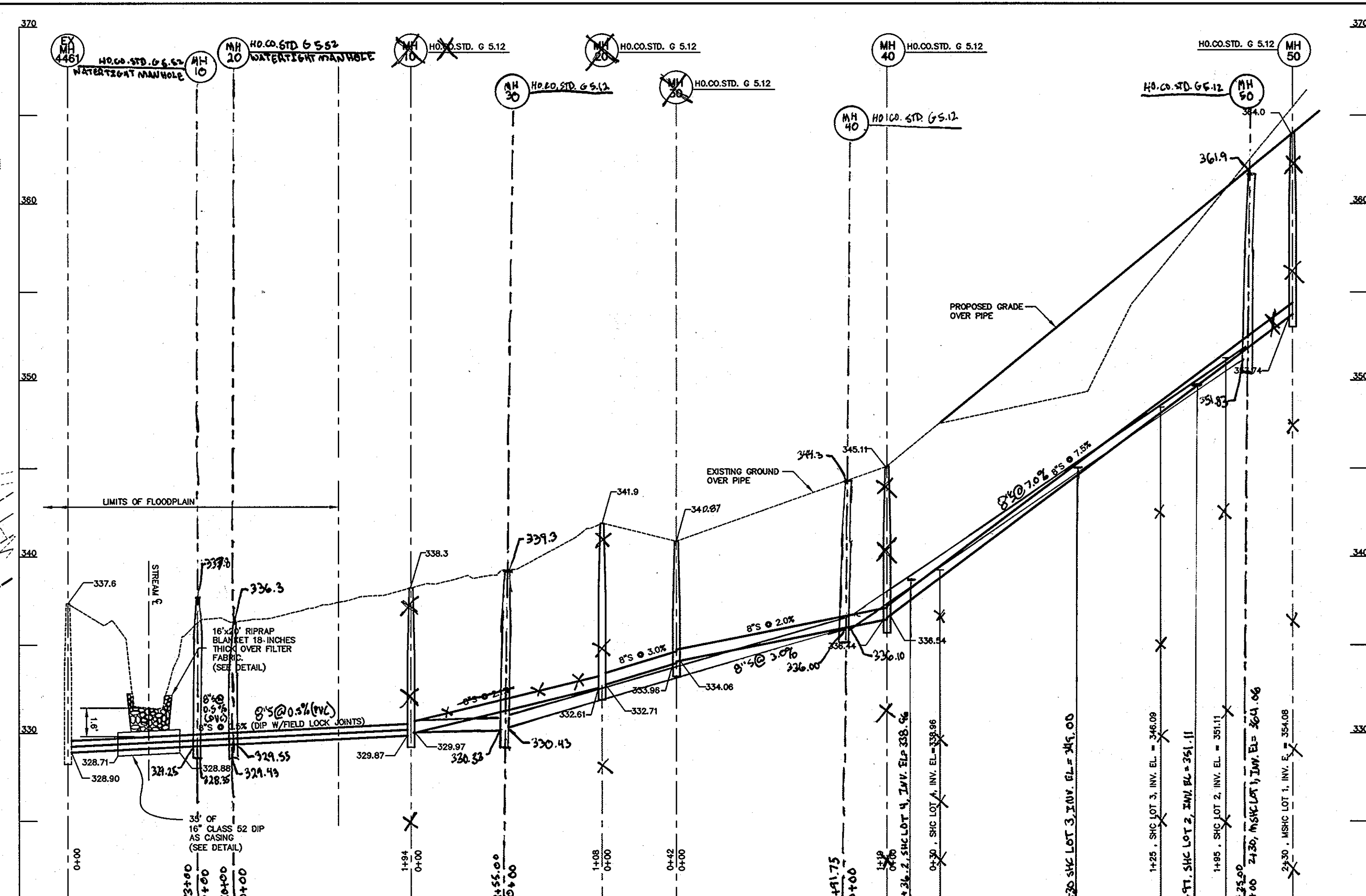
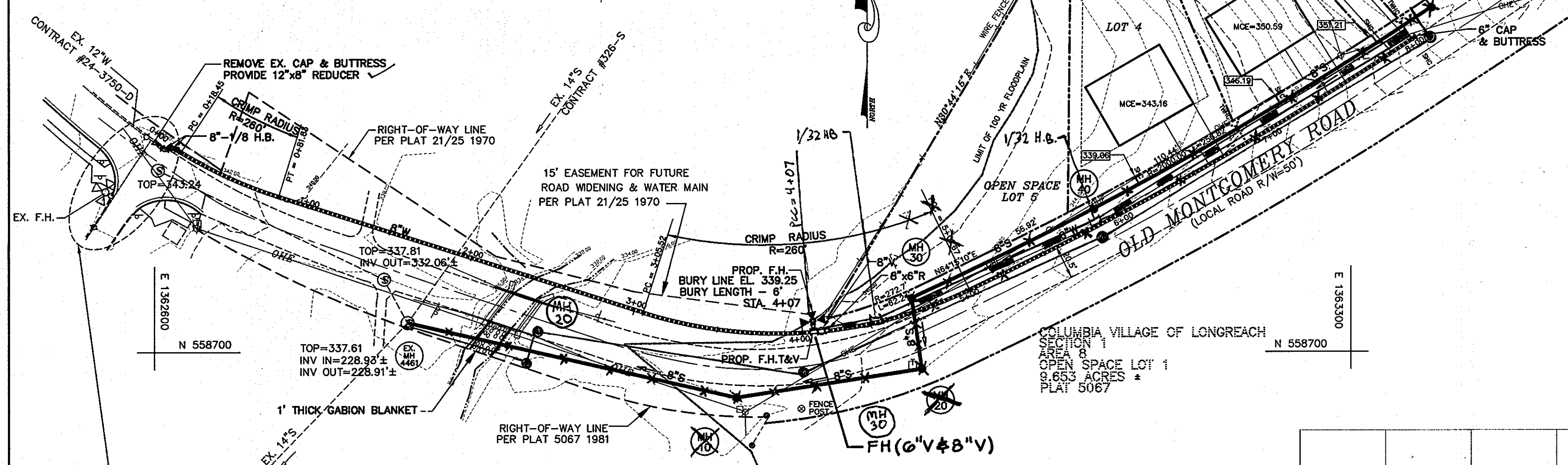
**8" WATER MAIN TABULATION CHART**

APPURTENANCE	NORTHING/EASTING
12"x8"R	N 558,823.5 E 1,362,599.5
1/8 H.B.	N 558,818.8 E 1,362,605.9
1/8 H.B.	N 558,818.8 E 1,362,611.6
8"x6" F.H.T.	N 558,711.5 E 1,362,985.6
F.H.	N 558,717.6 E 1,362,984.9
8" V.	N 558,712.2 E 1,362,990.1
8" X 6" R.	N 558,712.4 E 1,362,993.6
6" CAP & BUTTRESS	N 558,883.8 E 1,363,338.5

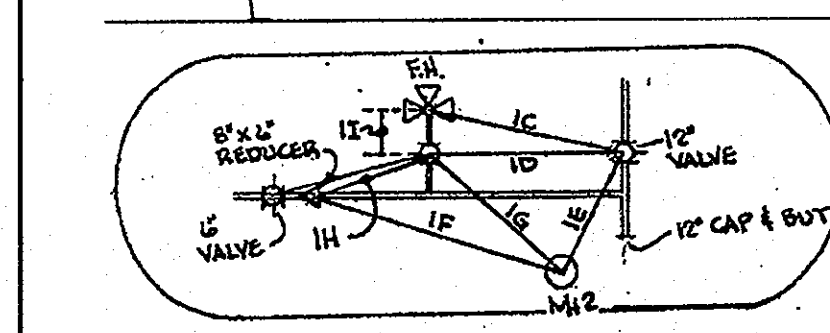


**EX. BRIDGE DETAIL**

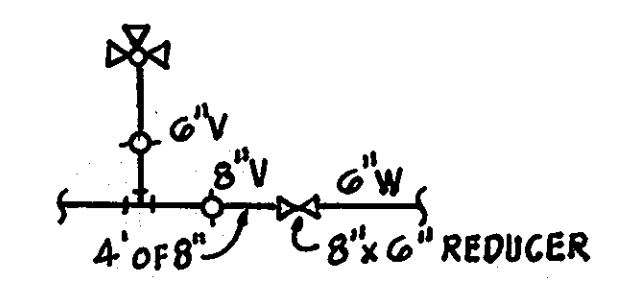
SCALE: 1"=20'  
NOTE: DIMENSION SHOWN ON BRIDGE DETAIL ARE CLEARANCES TO OUTSIDE OF THE PIPE.



**8" SEWER PROFILE**



TAKEN FROM EXISTING CONTRACT NO. 24-3750-D  
PREPARED BY VOGEL & ASSOCIATES 4/20/00



FH TO 6"V = 11.5'  
FH TO 8"V = 13.5'  
6"V TO 8"V = 5'  
SMH 30 TO 6"V = 21'  
SMH 30 TO 8"V = 21.5'

**MARYLAND'S GUIDELINES TO WATERWAY CONSTRUCTION DETAIL 4.2: UTILITY CROSSING**

1. **DESCRIPTION**  
THE WORK SHALL CONSIST OF INSTALLING EROSION CONTROL DEVICES IN AND ADJACENT TO THE CONSTRUCTION OF UTILITY CROSSINGS.

2. **INSTALLATION REQUIREMENTS**  
ALL EROSION AND SEDIMENT CONTROL DEVICES, INCLUDING DRAINAGE BASINS, SHOULD BE IMPLEMENTED AS THE FIRST ORDER OF BUSINESS ACCORDING TO A PLAN APPROVED BY THE MDOT LOCAL AUTHORITY. SEE THE STATE MARIANNE STANDARD AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL. THE PROPOSED CONSTRUCTION SHOULD BE DESIGNED TO PREVENT EROSION AND SEDIMENTATION.

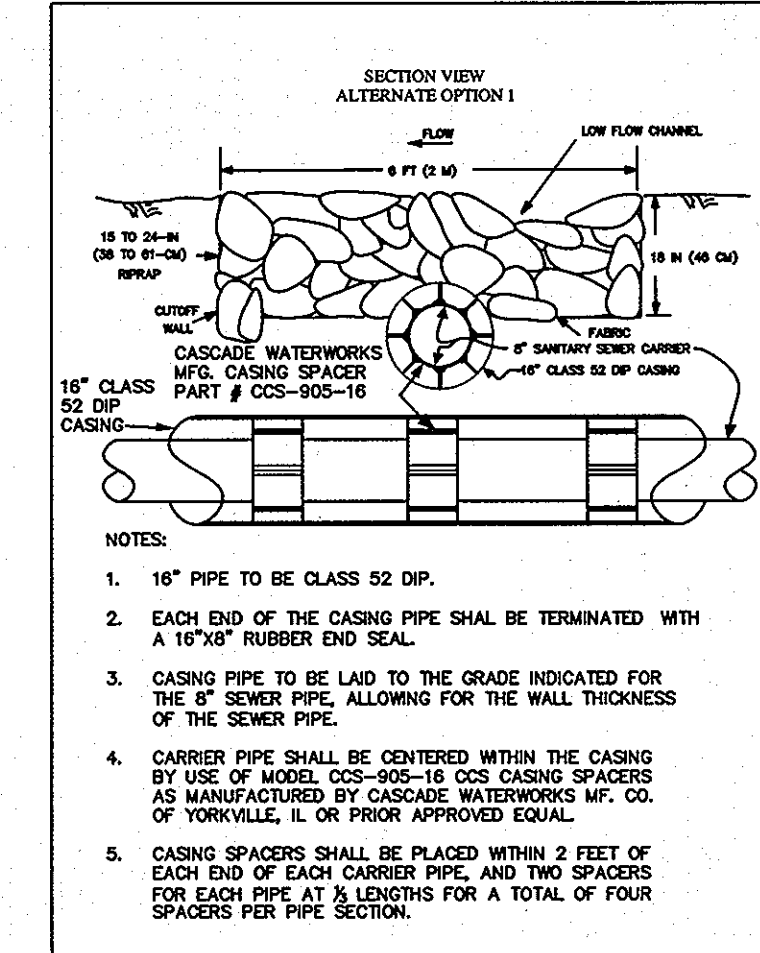
3. **CONSTRUCTION**  
THE CONSTRUCTION SHOULD BE LIMITED TO A MINIMUM OF 5 CONSECUTIVE DAYS FOR EACH CROSSING.

4. **ALL UTILITY CROSSINGS SHOULD BE PLACED A MINIMUM OF 3 FEET (1 METER) BENEATH THE STREAM BED OR UNDER THE STREAM CHANNEL.**

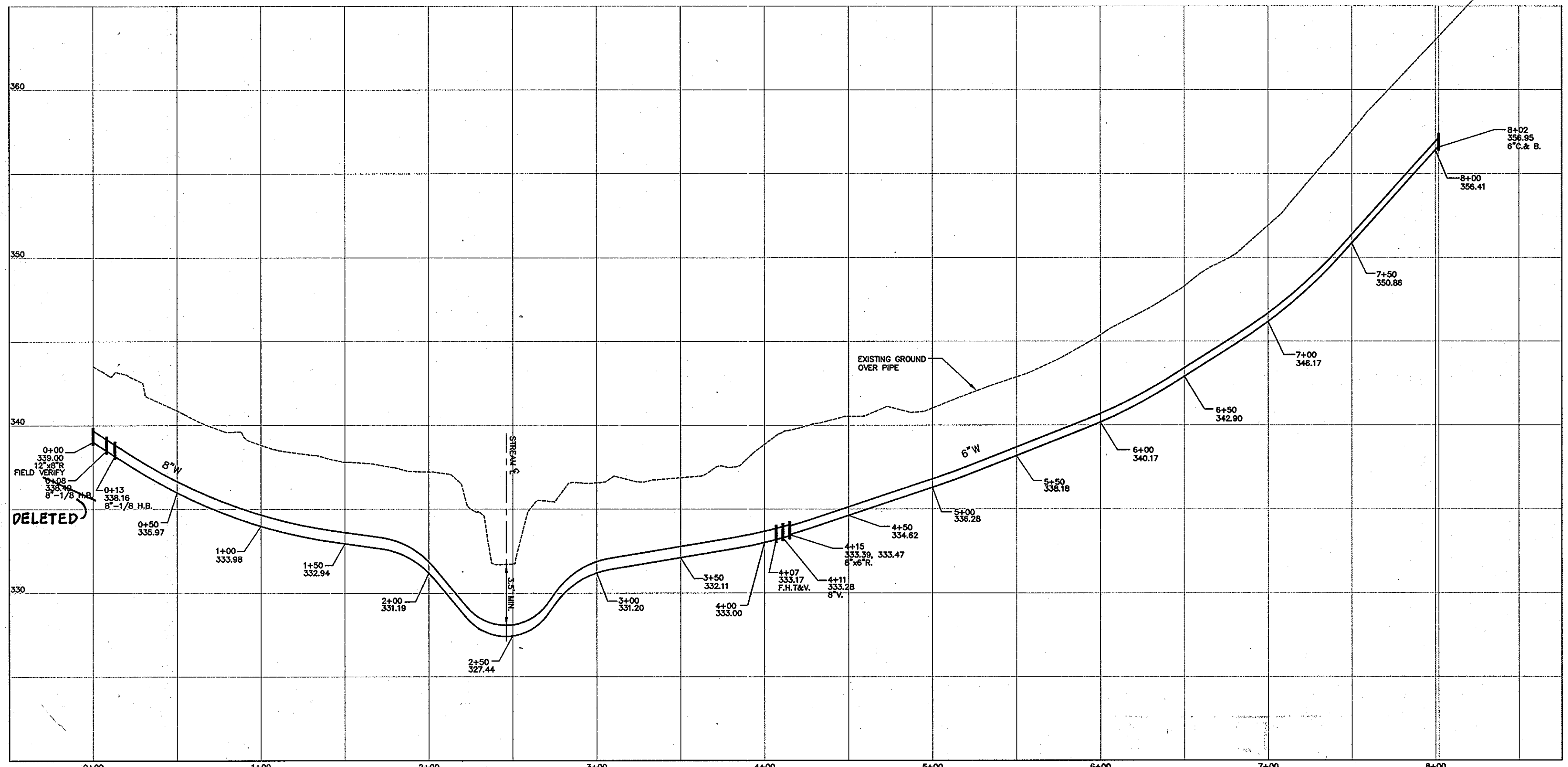
5. **THE STREAM SHOULD BE EXPOSED BY AN APPROVED TEMPORARY SEDIMENT DIVERSION. THE CONSTRUCTION AREA SHOULD BE DEMARCADED AND ANY DISTURBED AREAS SHOULD BE STABILIZED. THE CONSTRUCTION MAY PROCEED TO THE NEXT CROSSING ONLY AFTER THE CONSTRUCTION AREA HAS BEEN STABILIZED.**

6. **THE CONSTRUCTION SHOULD BE LIMITED TO A MINIMUM OF 5 CONSECUTIVE DAYS FOR EACH CROSSING.**

7. **THE CONSTRUCTION SHOULD BE LIMITED TO A MINIMUM OF 5 CONSECUTIVE DAYS FOR EACH CROSSING.**



- NOTES:
- 16" PIPE TO BE CLASS 52 DIP.
  - EACH END OF THE CASING PIPE SHALL BE TERMINATED WITH A 16"x2" RUBBER END SEAL.
  - CASING PIPE TO BE LAID TO THE GRADE INDICATED FOR THE 8" SEWER PIPE, ALLOWING FOR THE WALL THICKNESS OF THE SEWER PIPE.
  - CARRIER PIPE SHALL BE CENTERED WITHIN THE CASING BY USE OF MODEL CCS-905-18 CCS CASING SPACERS AS MANUFACTURED BY CASCADE WATERWORKS MFG. CO. OF YORKVILLE, IL OR PRIOR APPROVED EQUAL.
  - CASING SPACERS SHALL BE PLACED WITHIN 2 FEET OF EACH END OF EACH CARRIER PIPE, AND TWO SPACERS FOR EACH PIPE AT A LENGTHS FOR A TOTAL OF FOUR SPACERS PER PIPE SECTION.



**8" & 6" WATER PROFILE**

**AS BUILT**  
DATE: OCTOBER 2010

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

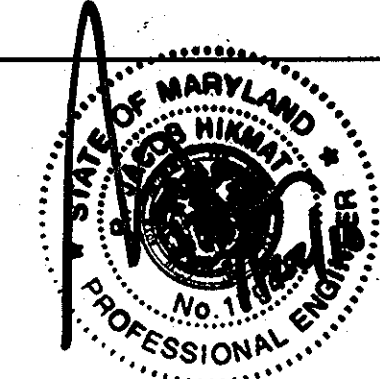
DEPARTMENT OF PLANNING & ZONING  
HOWARD COUNTY, MARYLAND

Stahn C. Lewis  
CHIEF, BUREAU OF UTILITIES

DATE: 4/25/10

**MILDENBERG, BOENDER & ASSOC., INC.**  
Engineers Planners Surveyors

5072 Dorsey Hall Drive, Suite 202, Elkton City, Maryland 21042  
(410) 997-0288 Fax. (301) 621-5521 Wash. (410) 997-0288 Fax.



engineering	illustration	approval	project	date
MMM	MMM	JBM	04-015	MAY 05

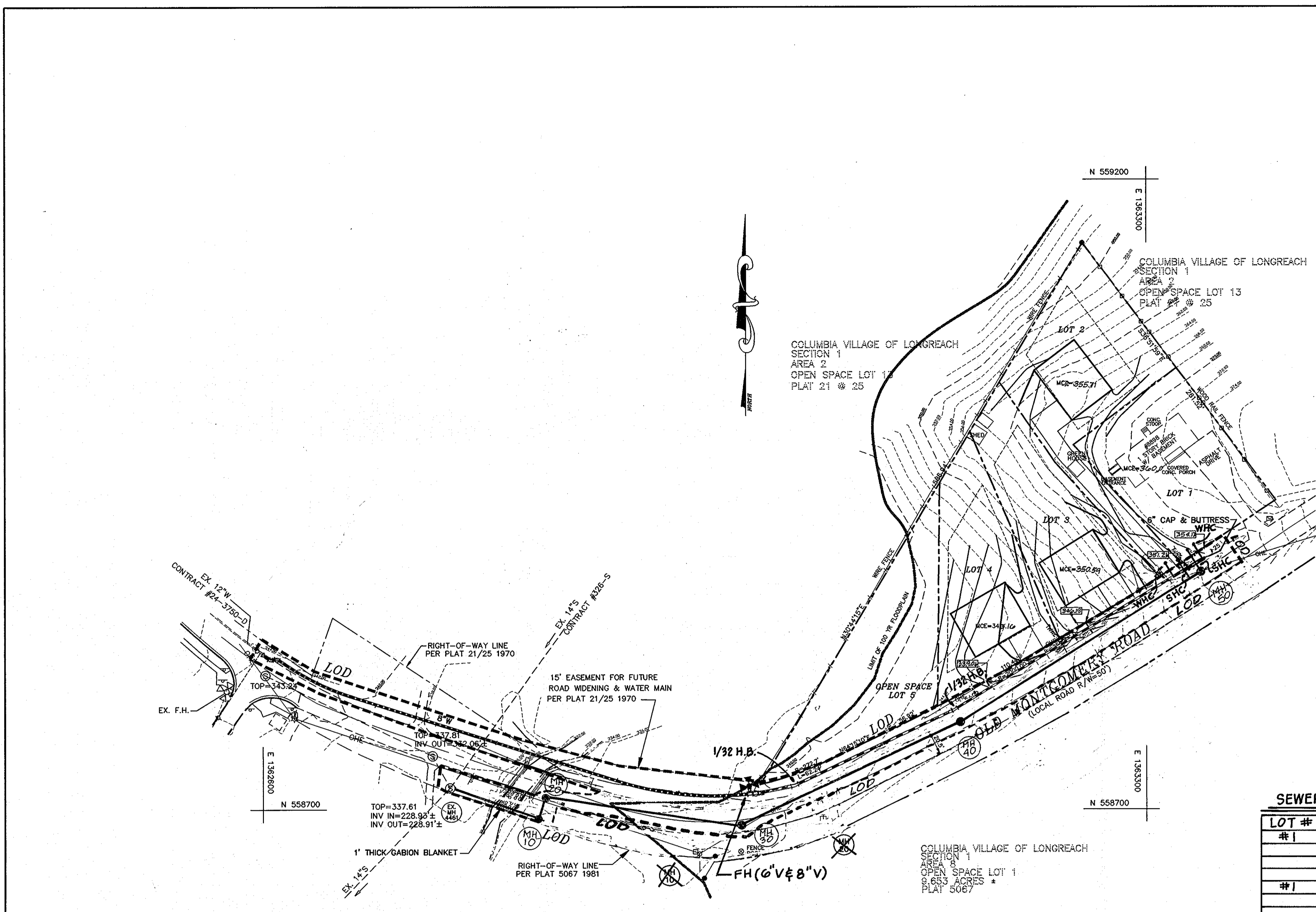
**WATER AND SEWER PLAN AND PROFILES**

600' SCALE MAP NO. 38 BLOCK NO. 11

**ELKHORN OVERLOOK**  
LOTS 1 - 4 & OPEN SPACE LOT 5 (PARCEL 246)

CONTRACT NO.: 24-4292-D  
SIXTH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

scale 1"=50'  
2 OF 3



**SEQUENCE OF CONSTRUCTION:**

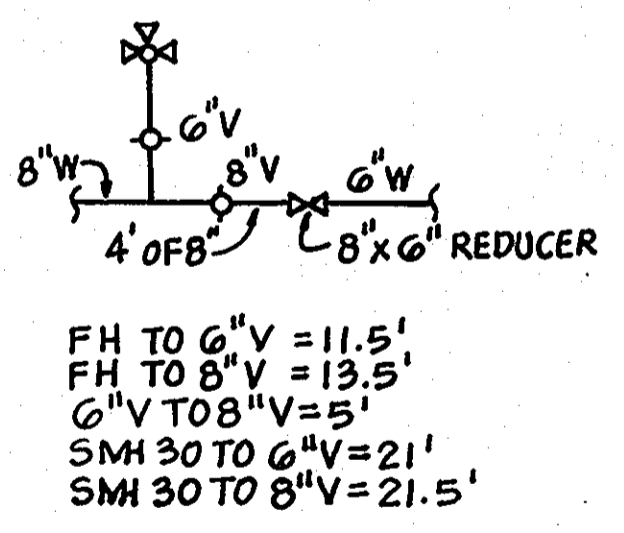
1. OBTAIN GRADING PERMIT (1 DAY).
2. CONSTRUCT UTILITIES AS INDICATED (10 DAYS).
  - TRENCH EXCAVATION SHALL BE LIMITED TO THAT WHICH CAN BE BACKFILLED AND STABILIZED WITHIN ONE WORKING DAY.
  - EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCH.
3. SEE SHEET 2 OF 3 FOR STREAM CROSSING DETAIL.
4. PROVIDE SILT FENCE AT THE DISCRETION OF THE SEDIMENT CONTROL INSPECTOR.
5. STABILIZE REMAINING DISTURBED AREA (2 DAYS).

**SEWER AND WATER HOUSE CONNECTIONS- AS BUILTS**

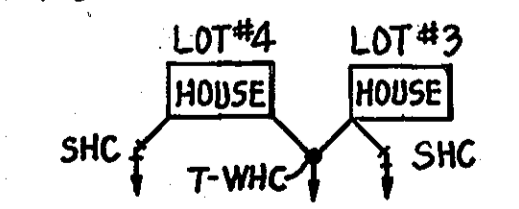
LOT #	FROM	TO	DISTANCE	REMARKS
#1	SMH-50	SHC	21.7'	
	SHC LOT 2	SHC	7.9'	
	SHC LOT 1	SHC	5'	
#1	SMH-50	WHC	23.7'	
	SHC LOT 1	WHC	5'	
	WHC LOT 2	WHC	27.5'	
#2	SMH-50	SHC	21.4'	
	WHC LOT 2	SHC	15.5'	
	SHC LOT 1	SHC	7.9'	
#2	SMH-50	WHC	32'	
	WHC LOT 1	WHC	27.5'	
	SHC LOT 2	WHC	15.5'	
#3	SMH-40	SHC	120'	SEE SKETCH BELOW
	T-WHC LOTS 3/4	SHC	25'	
	L.F.O.F.H. LOT 3	SHC	23'	
#3	SMH-40	WHC	103'	
	SHC LOT 3	WHC	25'	
	R.F.O.F.H. LOT 4	WHC	23.0'	
#4	SMH-40	SHC	41'	SEE SKETCH BELOW
	L.F.O.F.H. LOT 4	SHC	25'	
	T-WHC LOTS 3/4	SHC	65.5'	
#4	SMH-40	WHC	103'	
	SHC LOT 4	WHC	65.5'	
	R.F.O.F.H. LOT 4	WHC	23.0'	

**WATER VALVES - AS BUILTS**

VALVES	FROM	TO	DISTANCE
6" FH VALVE STA. 4+07	FH STA. 4+07	6" VALVE	11.5'
6" V STA. 4+11	6" V STA. 4+11	6" VALVE	5'
	SMH-30	6" VALVE	21'
8" V STA. 4+11	FH STA. 4+07	8" VALVE	13.3'
	6" V STA. 4+07	8" VALVE	5'
SMH-30	8" VALVE	21.5'	



L.F. OF H. = LEFT FRONT OF HOUSE  
 R.F. OF H. = RIGHT FRONT OF HOUSE



**AS BUILT**  
 DATE: OCTOBER 2010

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 WILL 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 PERIODIC ON-SITE INSPECTION BY THE HOWARD SOIL CONSERVATION DISTRICT.

DEVELOPER'S SIGNATURE: *R. JACOB HIKMAT* DATE: 9/13/05  
 AUTHORIZED: *MEMBER*

ENGINEER'S SIGNATURE: *John B. Miltenberg* DATE: 9/13/05  
 JOHN B. MILTENBERG

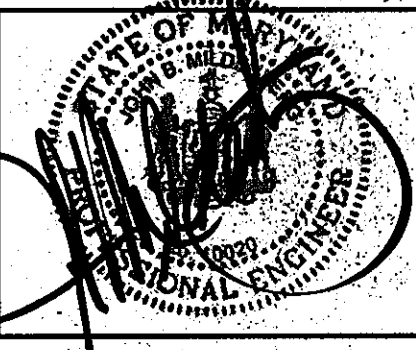
REVIEWED FOR HOWARD SCD AND MEETS TECHNICAL REQUIREMENTS.  
*Jim W. ...* DATE: 9-13-05  
 HOWARD SCD

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE SOIL CONSERVATION DISTRICT.  
*John L. ...* DATE: 9-13-05  
 HOWARD SCD

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 Rht W. ... 10-3-05  
 CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING & ZONING  
 HOWARD COUNTY, MARYLAND  
 ... 10/1/10  
 CHIEF, DEVELOPMENT-ENGINEERING DIVISION

**MILDENBERG, BOENDER & ASSOC., INC.**  
 Engineers Planners Surveyors  
 5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042  
 (410) 987-0286 Balt. (301) 621-5521 Wash. (410) 987-0286 Fax



engineering	illustration	approval	project	date	BY	NO.	REVISION	DATE
MMM	MMM	JEM	04-015	SEPT.2005				
		KCI				4	REV. WATER & SEWER ALIGNMENT	5/22/06
		MBA				3	REV. WATER & SEWER ALIGNMENT; REV. LOD	10/10/06
		MMM				2	REV. ALIGNMENT OF WATER & SEWER; REV. LOD	4/22/10

**SEDIMENT CONTROL PLAN**  
 600' SCALE MAP NO. ... BLOCK NO. ...

**ELKHORN OVERLOOK**  
 LOTS 1 - 4 & OPEN SPACE LOT 5 (PARCEL 246)  
 CONTRACT NO.: 24-4292-D  
 SIXTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND

scale  
 1"=50'  
 3 OF 3