

ITEM	ESTIMATED	QUANTITIES	AS-BUILT	TYPE	SUPPLIER
ØW C900 PVC DR-18	1,997 LF.	1,997 LF	C900 PVC	JIM WEEF	
ØW C900 PVC DR-18	121 LF.	121 LF	C900 PVC	JIM MFG.	
1-1/2" WVC	10 LF.	10 LF.	TYPE K COPPER	MUELLER	
Ø VALVE	7 EACH	7 EA.	GATE	MUELLER	
Ø VALVE	3 EACH	3 EA.	GATE	MUELLER	
Ø TAPPING SLEEVE	1 EACH	1 EA.	STAINLESS STEEL	MUELLER	
Ø TAPPING SLEEVE	1 EACH	1 EA.	STAINLESS STEEL	ROMAK	
Ø TAPPING VALVE	1 EACH	1 EA.	GATE	MUELLER	
Ø TAPPING VALVE	1 EACH	1 EA.	GATE	MUELLER	
1/8 H.B.	13 EACH	13 EA.	EPKX COATED DIP	STAR	
1/16 H.B.	4 EACH	4 EA.	EPKX COATED DIP	STAR	
Ø X Tee	4 EACH	4 EA.	EPKX COATED DIP	STAR	
Ø X Tee	3 EACH	3 EA.	EPKX COATED DIP	STAR	
Ø PLUG & BUTTRESS	4 EACH	4 EA.	DIP	STAR	
Ø PLUG & BUTTRESS	1 EACH	1 EA.	DIP	STAR	
Ø X Reducer	1 EACH	1 EA.	EPKX COATED DIP	STAR	
FIRE HYDRANT	3 EACH	3 EA.	CENTURION	MUELLER	
CONTINUITY TEST STATION	3 EACH	3 EA.	PRECAST CONC.	MAYER DES.	
OUTSIDE METER SETTING	1 EACH	1 EA.	H-WZS-P100	MUELLER	

NAME OF UTILITY CONTRACTOR: **S&J SERVICE, INC.**
SURVEY & DRAFTING DIVISION AS-BUILT DATE:

BENCHMARK INFORMATION

B.M.#1 - HOWARD COUNTY CONTROL STATION #35C2 - HORIZONTAL - (NAD '83)
LOCATED ALONG LITTLE PATUXENT PARKWAY NEAR THE INTERSECTION OF CEDAR LANE & LITTLE PATUXENT PARKWAY.
APPROX. 4.56' BEHIND THE CURB AND 10' NORTH OF METAL POST.
N 563,920.837
E 1,344,204.123
ELEVATION = 463.411 - VERTICAL - (NAVD '89)

B.M.#2 - HOWARD COUNTY CONTROL STATION #36AA - HORIZONTAL - (NAD '83)
LOCATED ALONG LITTLE PATUXENT PARKWAY NEAR THE INTERSECTION OF BROKEN LAND PARKWAY.
APPROX. 1.5' BEHIND THE CURB AND 2' OFF EDGE OF SIDEWALK.
N 562,804.895
E 1,349,400.173
ELEVATION = 359.173 - VERTICAL - (NAVD '89)

DEVELOPER'S CERTIFICATION

I, WE HEREBY CERTIFY THAT ALL DEVELOPMENT AND CONSTRUCTION WILL BE DONE ACCORDING TO THIS PLAN OF DEVELOPMENT AND PLAN FOR EROSION AND SEDIMENT CONTROL AND THAT ALL RESPONSIBLE PERSONNEL INVOLVED IN THE CONSTRUCTION PROJECT WILL HAVE A CERTIFICATE OF ATTENDANCE AT THE 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 COUNTY SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.

Paul W. Kriebel, FOR:
HOWARD COUNTY PUBLIC SCHOOL SYSTEM 10-24-14
SIGNATURE OF DEVELOPER DATE

ENGINEER'S CERTIFICATION

I 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 ACCORDANCE WITH THE REQUIREMENTS OF THE HOWARD COUNTY SOIL CONSERVATION DISTRICT.

Paul W. Kriebel
SIGNATURE OF ENGINEER DATE **10/24/14**

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 306 OF THE HOWARD COUNTY DESIGN MANUAL - VOLUME IV, STANDARD SPECIFICATIONS AND DETAILS FOR CONSTRUCTION AND AS SHOWN ON THE SITE DEVELOPMENT PLAN, SDP-15-019.

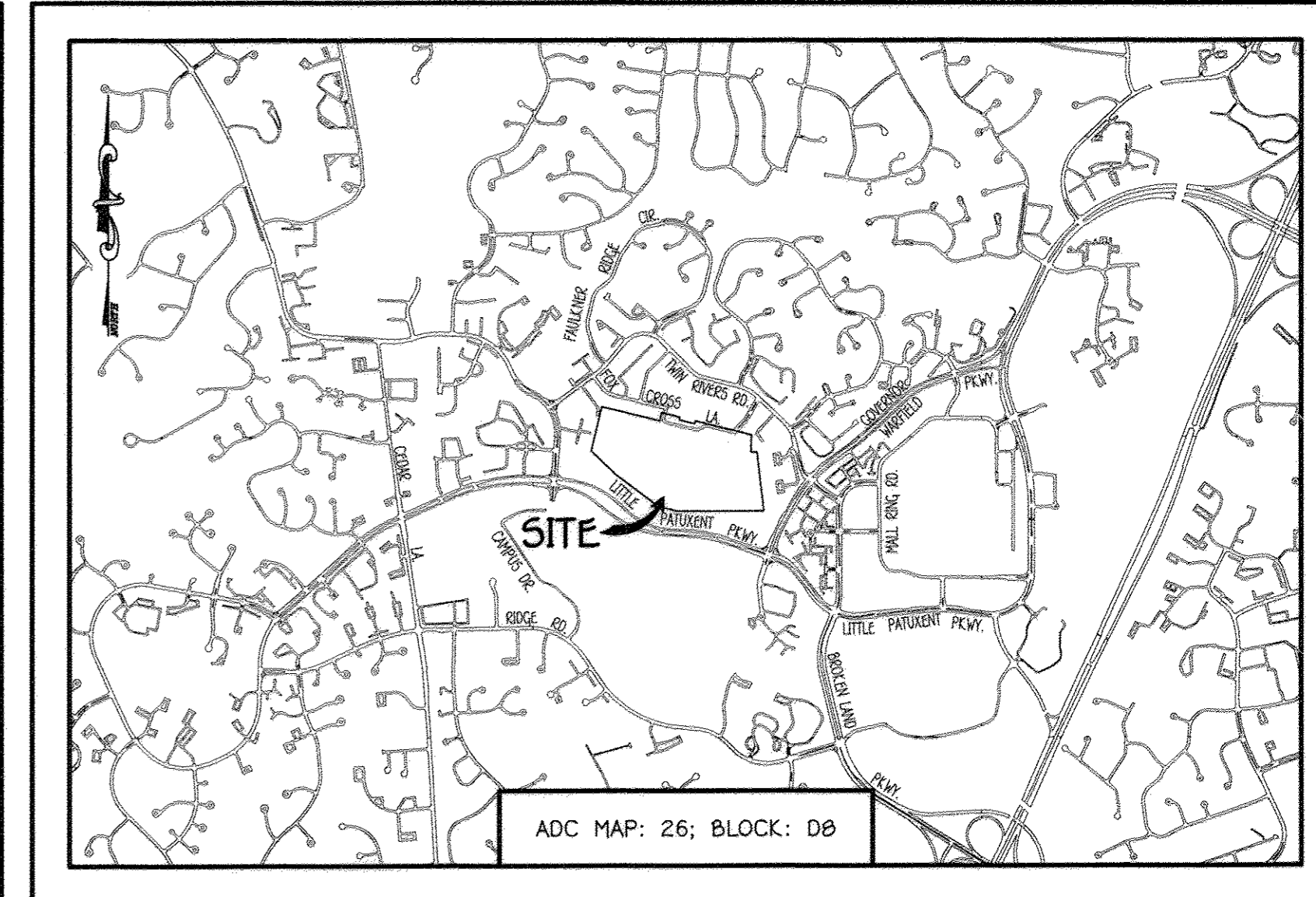
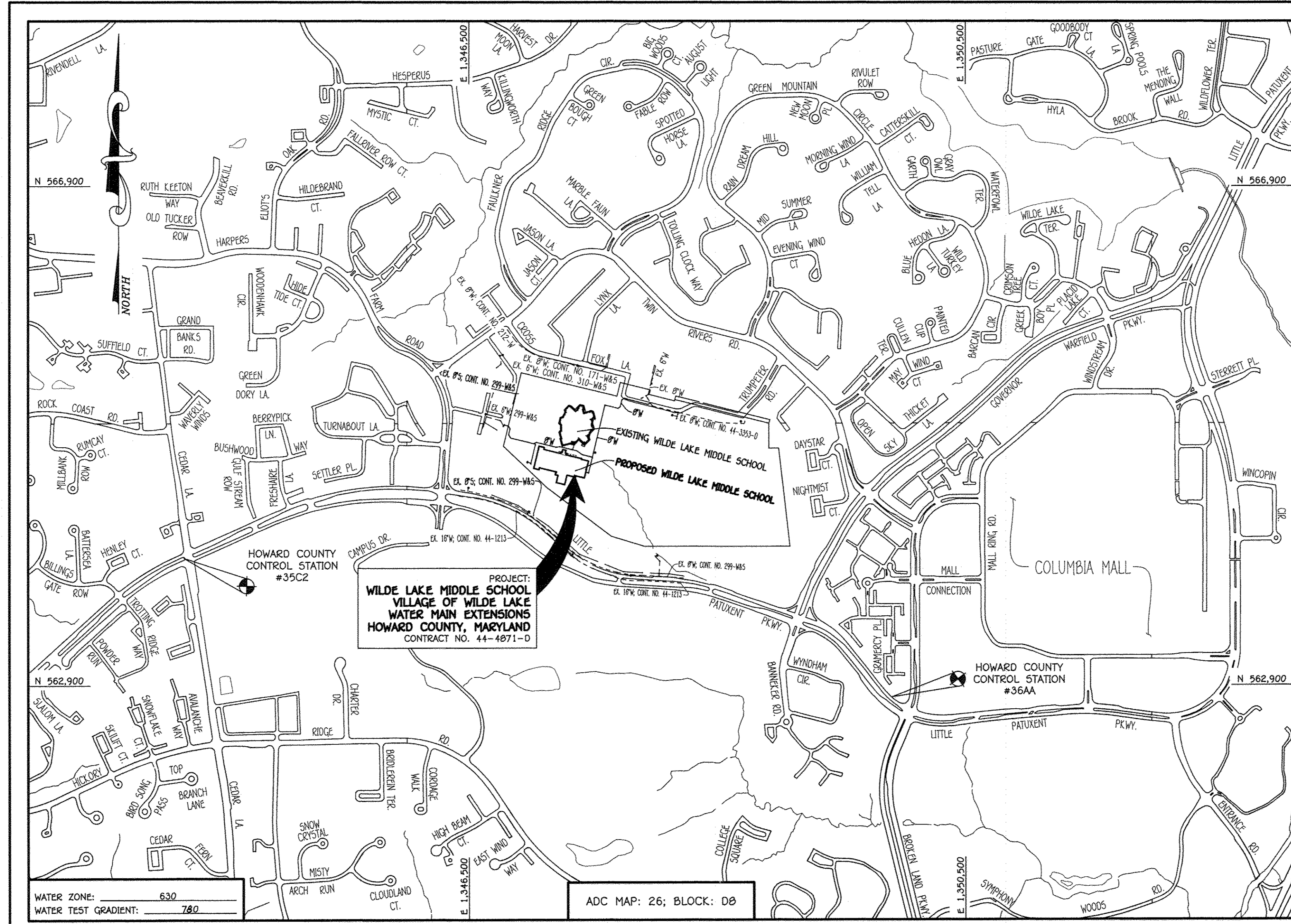
Paul W. Kriebel, FOR:
HOWARD COUNTY PUBLIC SCHOOL SYSTEM 10-24-14
SIGNATURE OF DEVELOPER DATE

SDP-15-019

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

APPROVED: *John R. Kriebel* 11/13/14
HOWARD COUNTY SOIL CONSERVATION DISTRICT DATE

LEGEND	
(---)	EX. WATER MAIN
(---)	EX. SEWER MAIN
(O)	EX. SEWER MANHOLE
(---)	EX. WATER, SEWER & UTILITY EASEMENT
(-H-)	EX. FIRE HYDRANT
(V)	EX. VALVE
(=)	PROP. WATER MAIN
(-S-)	PROP. SEWER MAIN
(O)	PROP. SEWER MANHOLE
(---)	PROP. WATER, SEWER & UTILITY EASEMENT
(---)	PROP. WVC
(---)	PROP. SHC
(-H-)	PROP. FIRE HYDRANT
(V)	PROP. VALVE



GENERAL NOTES VICINITY MAP

- SCALE: 1" = 200'
- APPROXIMATE LOCATIONS OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT TO THE SATISFACTION OF THE ENGINEER AND THE CONTRACTOR'S EXPENSE.
 - TOPOGRAPHIC FIELD SURVEYS WERE PERFORMED ON OR ABOUT MAY, 2013 BY FISHER, COLLINS & CARTER, INC.
 - HORIZONTAL AND VERTICAL SURVEY CONTROLS
 - THE COORDINATES SHOWN ON THESE DRAWINGS ARE BASED ON MARYLAND STATE REFERENCE SYSTEM '83' AS PROJECTED BY HOWARD COUNTY GEODETIC CONTROL STATIONS NO. 35C2 & NO. 36AA.
 - ALL VERTICAL CONTROLS ARE BASED ON NAVD '89. VERTICAL CONTROLS PROVIDED ON THE DRAWINGS.
 - OTHERS UNLESS OTHERWISE NOTED OR AS SHOWN ON THE DRAWINGS.
 - CONTRACTOR'S WORK REQUIRES BRACING OF ADDITIONAL POLES, ANY COST INCURRED BY THE OWNER FOR THE BRACING OF THE ADDITIONAL POLES OR DAMAGES SHALL BE DEDUCTED FROM MONIES OWED TO THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES TO SCHEDULE THE BRACING OF THE POLES.
 - 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 SITE.
 - WHERE TEST PITS HAVE BEEN MADE ON EXISTING UTILITIES, THEY ARE NOTED BY THE SYMBOL (P) 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 (CONTRACTOR SERVICES): 410-537-8713
 BGE (EMERGENCY): 410-685-0123
 BUREAU OF UTILITIES: 410-313-4900
 COLONIAL PIPELINE CO: 410-799-1390
 MISS UTILITY: 1-800-257-7777
 STATE HIGHWAY ADMINISTRATION: 410-231-9533
 VERIZON: 1-800-743-0038 / 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.
 - CONTRACTOR SHALL REMOVE TREES, STUMPS AND ROOTS ALONG THE LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR THE 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(a) OF THE HOWARD COUNTY CODE.

LOCATION MAP

TYPE OF BUILDING:	PROPOSED MIDDLE SCHOOL
NUMBER OF PARCELS:	1
NO. OF WATER HOUSE CONNECTIONS:	1
NO. OF SEWER HOUSE CONNECTIONS:	N/A
SEWER SHED:	LITTLE PATUXENT
TREATMENT PLANT:	LITTLE PATUXENT RECLAMATION PLANT SAVAGE, MARYLAND

PLAN REFERENCE NUMBERS:
F-15 (RECORD PLAT)
SDP-15-019

CONTRACT NO. 44-4871-D

WILDE LAKE

MIDDLE SCHOOL

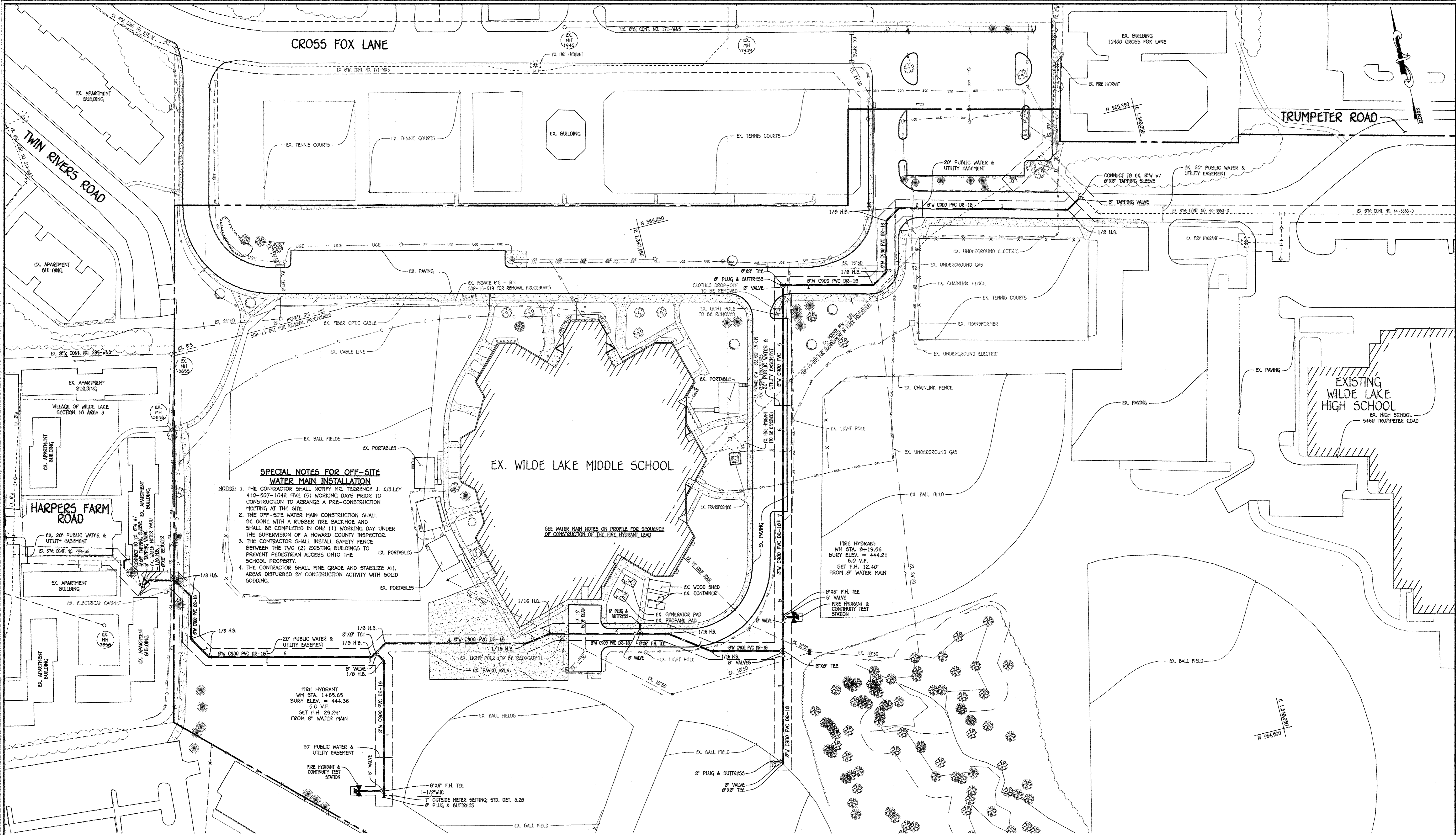
VILLAGE OF WILDE LAKE

WATER MAIN EXTENSIONS

HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND	DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND	I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 12043 EXPIRATION DATE IS 7/16/18.	DESIGNED BY: B.C.R. DRAWN BY: B.C.R. CHECKED BY: P.W.K. DATE: 10/21/14 BY NO.	FILE NAME: WATER MAIN EXTENSION PLAN	WATER MAIN EXTENSIONS TITLE SHEET	WILDE LAKE MIDDLE SCHOOL VILLAGE OF WILDE LAKE WATER MAIN EXTENSIONS CONTRACT NO. 44-4871-D FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE AS SHOWN SHEET 1 OF 5
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SPECIAL NOTES FOR OFF-SITE WATER MAIN INSTALLATION

NOTES: 1. THE CONTRACTOR SHALL NOTIFY MR. TERRENCE J. KELLEY 410-507-1042 FIVE (5) WORKING DAYS PRIOR TO CONSTRUCTION TO ARRANGE A PRE-CONSTRUCTION MEETING AT THE SITE.

2. THE OFF-SITE WATER MAIN CONSTRUCTION SHALL BE DONE WITH A RUBBER TIRE BACKHOE AND SHALL BE COMPLETED IN ONE (1) WORKING DAY UNDER THE SUPERVISION OF A HOWARD COUNTY INSPECTOR.

3. THE CONTRACTOR SHALL INSTALL SAFETY FENCE BETWEEN THE TWO (2) EXISTING BUILDINGS TO PREVENT PEDESTRIAN ACCESS ONTO THE SCHOOL PROPERTY.

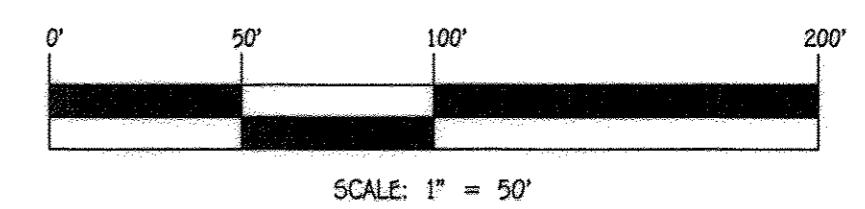
4. THE CONTRACTOR SHALL FINE GRADE AND STABILIZE ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITY WITH SOLID SODDING.

SEE WATER MAIN NOTES ON PROFILE FOR SEQUENCE OF CONSTRUCTION OF THE FIRE HYDRANT LEAD

FIRE HYDRANT WM STA. 8+19.56 BURY ELEV. = 444.21 5.0 V.F. SET F.H. 12.40' FROM 8" WATER MAIN

FIRE HYDRANT WM STA. 1+65.65 BURY ELEV. = 444.36 5.0 V.F. SET F.H. 29.29' FROM 8" WATER MAIN

PLAN
SCALE: 1" = 50'



CONTRACT NO. 44-4871-D
WILDE LAKE MIDDLE SCHOOL
VILLAGE OF WILDE LAKE
WATER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND CHIEF, BUREAU OF UTILITIES DATE: 11/17/14	DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND CHIEF, DEVELOPMENT-ENGINEERING DIVISION DATE: 11/20/14
---	---

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 12043 EXPIRATION DATE IS 7/16/16.

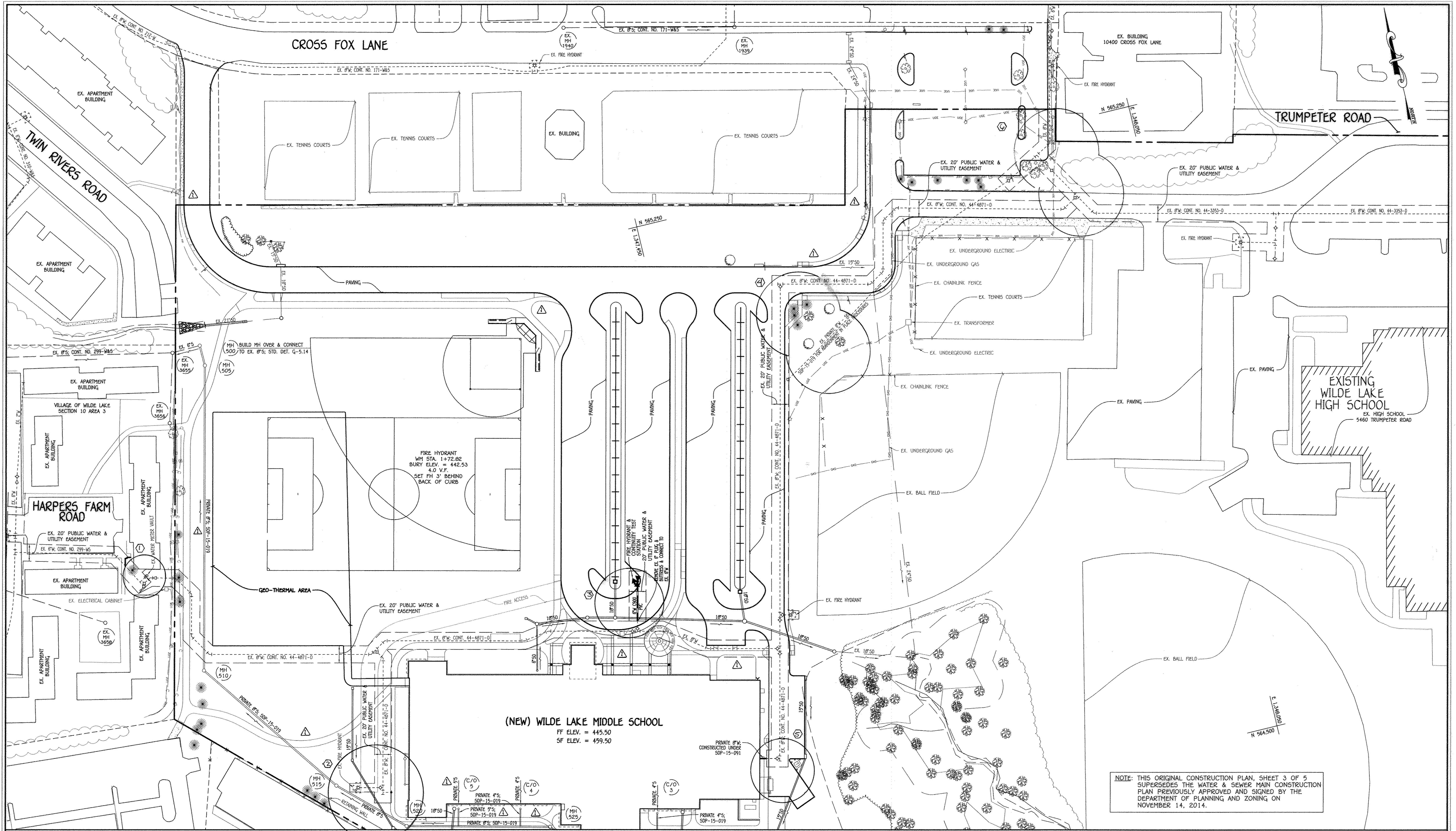
FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTRAL SQUARE OFFICE PARK - 10272 BALDORNE NATIONAL FLEX
 ELLIOTT CITY, MARYLAND 21042
 (410) 461-2855



DESIGNED BY:	B.C.R.
DRAWN BY:	B.C.R.
CHECKED BY:	P.M.K.
DATE:	OCTOBER, 2014
BY NO.	
REVISION	

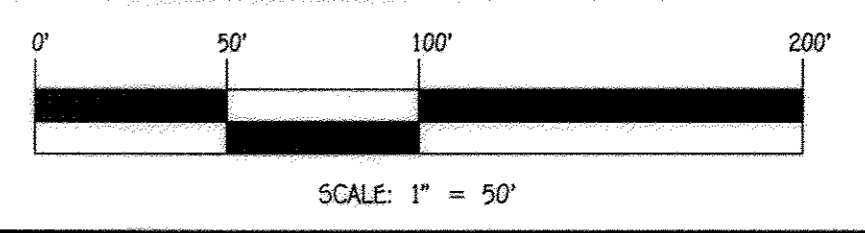
WATER MAIN EXTENSIONS PLAN: EXISTING CONDITIONS	
600' SCALE MAP NO. 29	BLOCK NO. 24
F.C.C. WORK ORDER NO. 11059-3002	
FILE NAME: WATER MAIN EXTENSION PLAN	

WILDE LAKE MIDDLE SCHOOL VILLAGE OF WILDE LAKE WATER MAIN EXTENSIONS CONTRACT NO. 44-4871-D FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE AS SHOWN SHEET 2 OF 5
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MATCHLINE: SEE SHEET 4

PLAN
SCALE: 1" = 50'

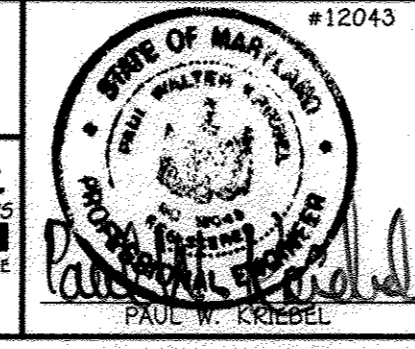


CONTRACT NO. 44-4871-D
WILDE LAKE MIDDLE SCHOOL
VILLAGE OF WILDE LAKE
WATER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
CHIEF, BUREAU OF UTILITIES
DATE: 4/29/15

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND
CHIEF, DEVELOPMENT ENGINEERING DIVISION
DATE: 4/29/15

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 12043 EXPIRATION DATE IS 7/16/16.
FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10272 BALDWIN NATIONAL PIKE
BLOOMING GARDEN, MARYLAND 21042
(410) 461-2899



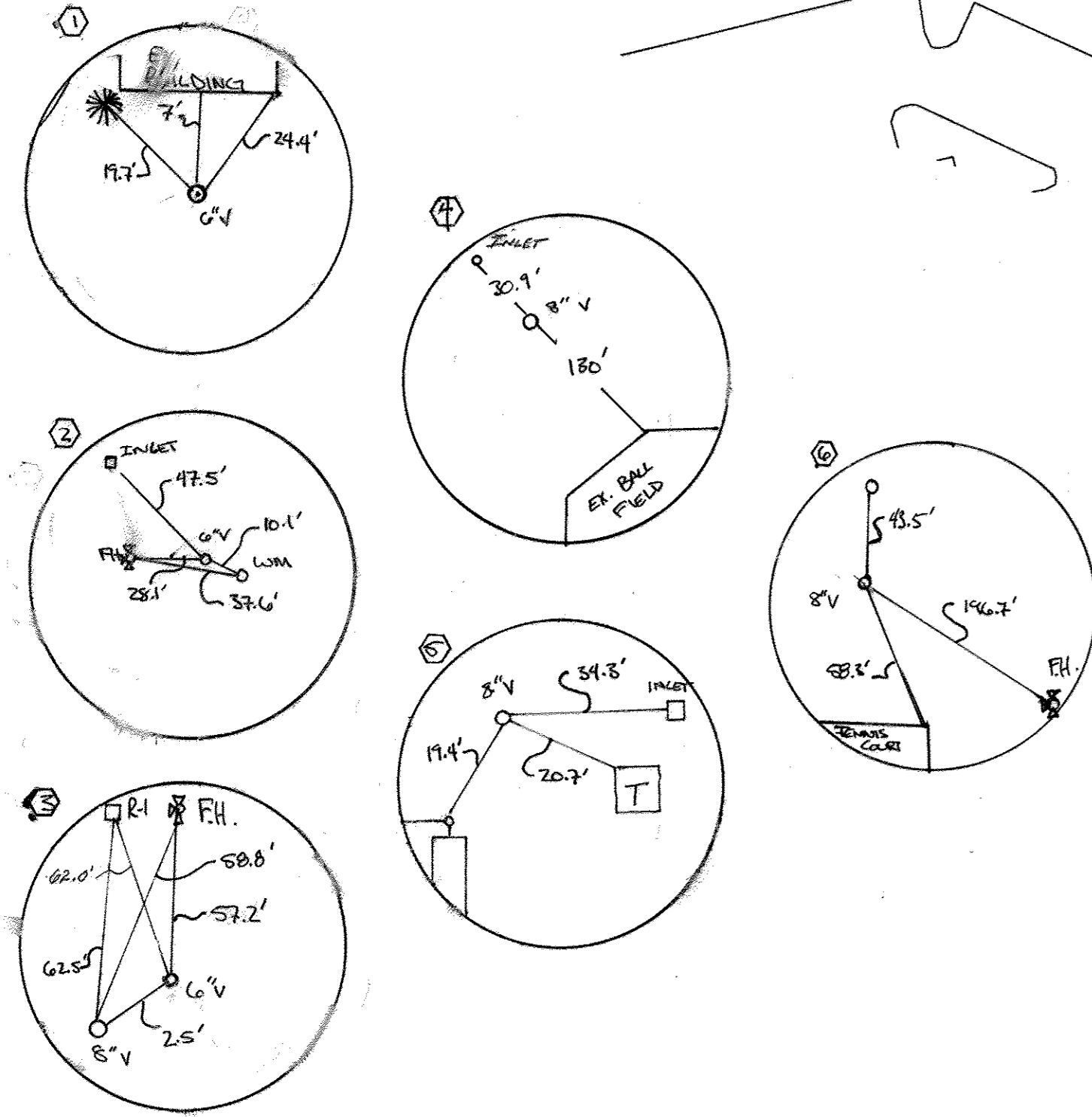
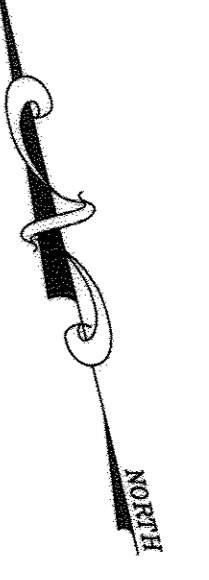
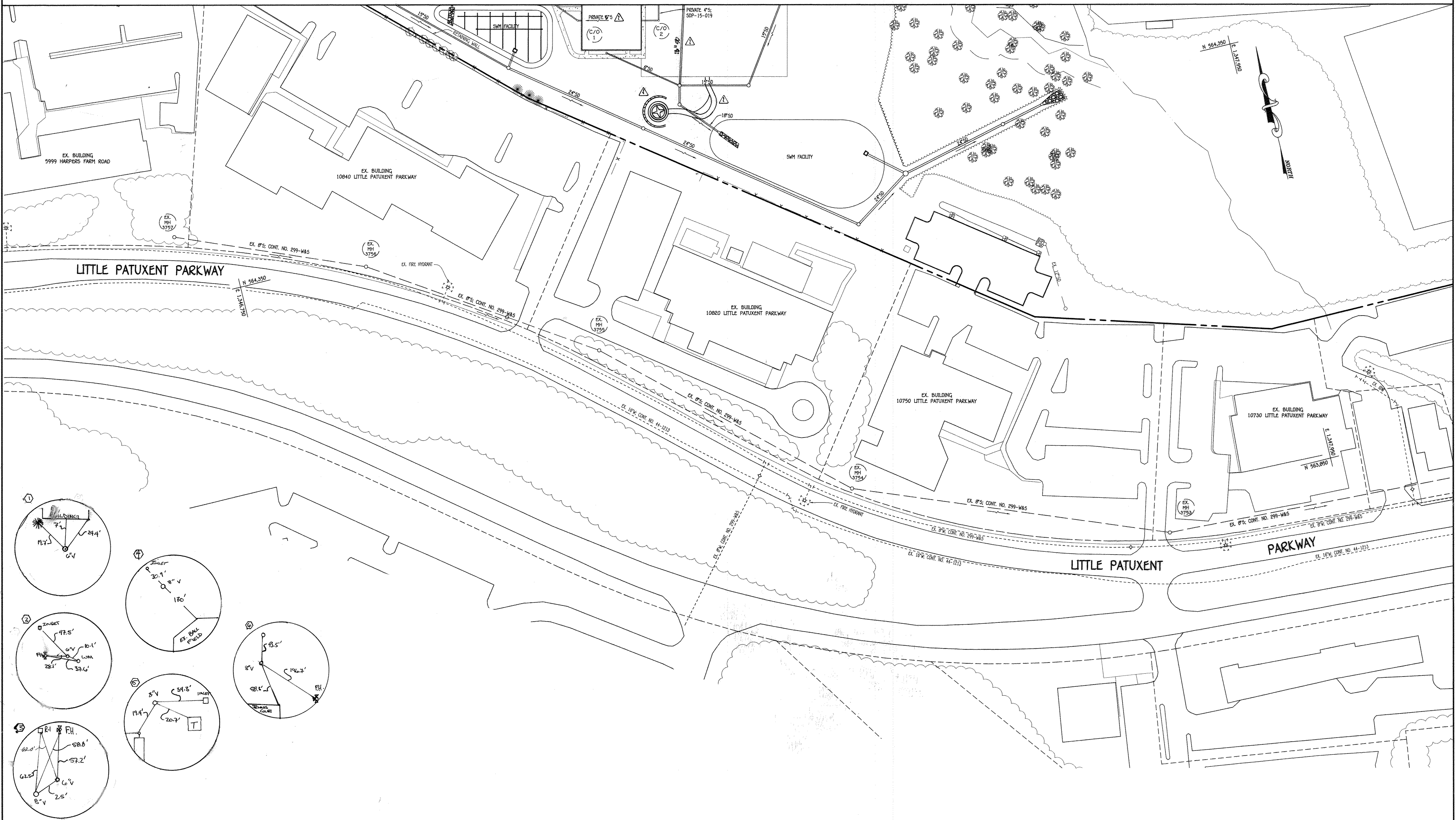
DESIGNED BY:	B.C.R.	DATE:	APRIL, 2015
DRAWN BY:	B.C.R.	BY:	NO.
CHECKED BY:	P.W.K.	REVISION:	
DATE:	APRIL, 2015	REVISION:	

WATER MAIN EXTENSIONS PLAN: PROPOSED CONDITIONS	
600' SCALE MAP NO. 29	BLOCK NO. 24
F.C.C. WORK ORDER NO. 11055-3002	
FILE NAME: WATER MAIN EXTENSION PLAN	

WILDE LAKE MIDDLE SCHOOL
VILLAGE OF WILDE LAKE
WATER MAIN EXTENSIONS
CONTRACT NO. 44-4871-D
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 3 OF 5

MATCHLINE: SEE SHEET 3



PLAN

SCALE: 1" = 50'



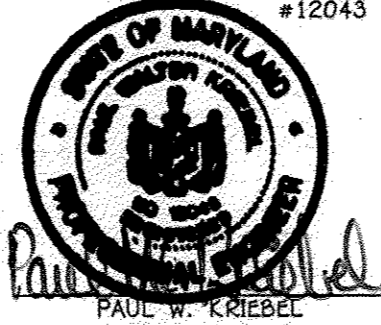
SCALE: 1" = 50'

CONTRACT NO. 44-4871-D
 WILDE LAKE MIDDLE SCHOOL
 VILLAGE OF WILDE LAKE
 WATER MAIN EXTENSIONS
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 12043 EXPIRATION DATE IS 7/18/18.



FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PLACE
 ELIJAH CITY, MARYLAND 21042
 (410) 461-2995

DESIGNED BY:	B.C.R.	DATE:	OCTOBER, 2014
DRAWN BY:	B.C.R.	DATE:	
CHECKED BY:	P.W.K.	DATE:	
BY:	NO.	REVISION:	

**WATER MAIN EXTENSIONS
 PLAN: PROPOSED CONDITIONS**

600' SCALE MAP NO. 29	BLOCK NO. 24
F.C.C. WORK ORDER NO. 11055-3002	
FILE NAME: WATER MAIN EXTENSION PLAN	

**WILDE LAKE MIDDLE SCHOOL
 VILLAGE OF WILDE LAKE**
 WATER MAIN EXTENSIONS
 CONTRACT NO. 44-4871-D
 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
 SHEET 4 OF 5

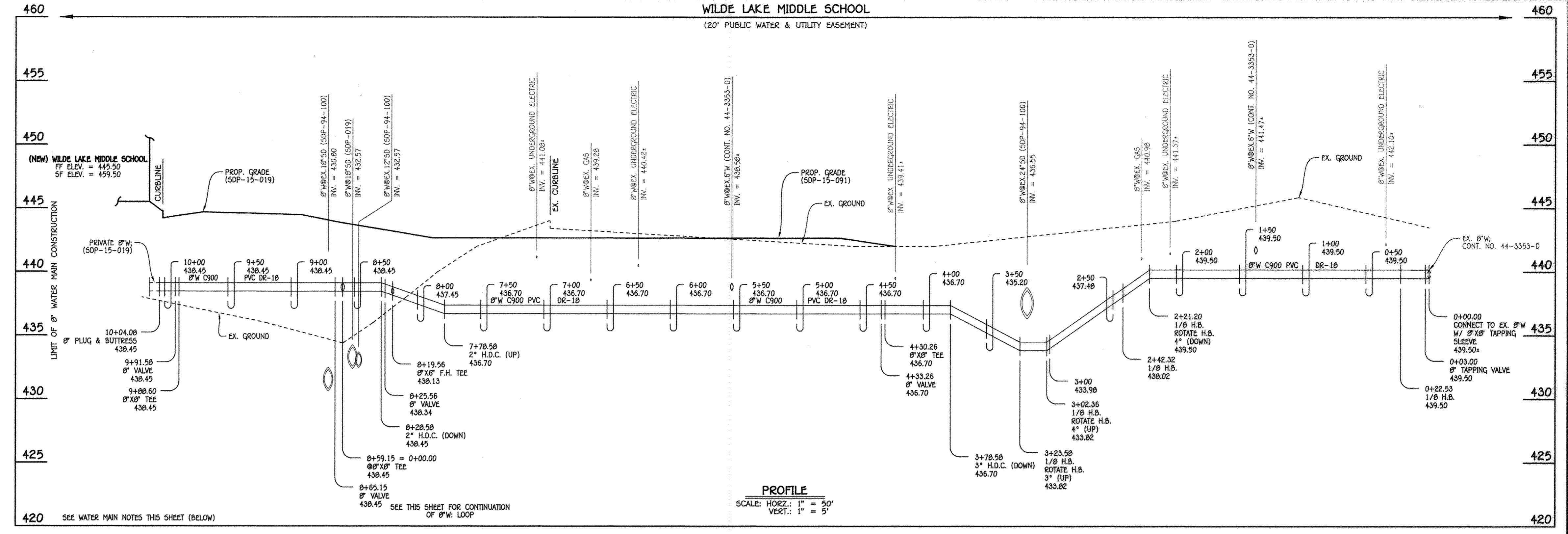
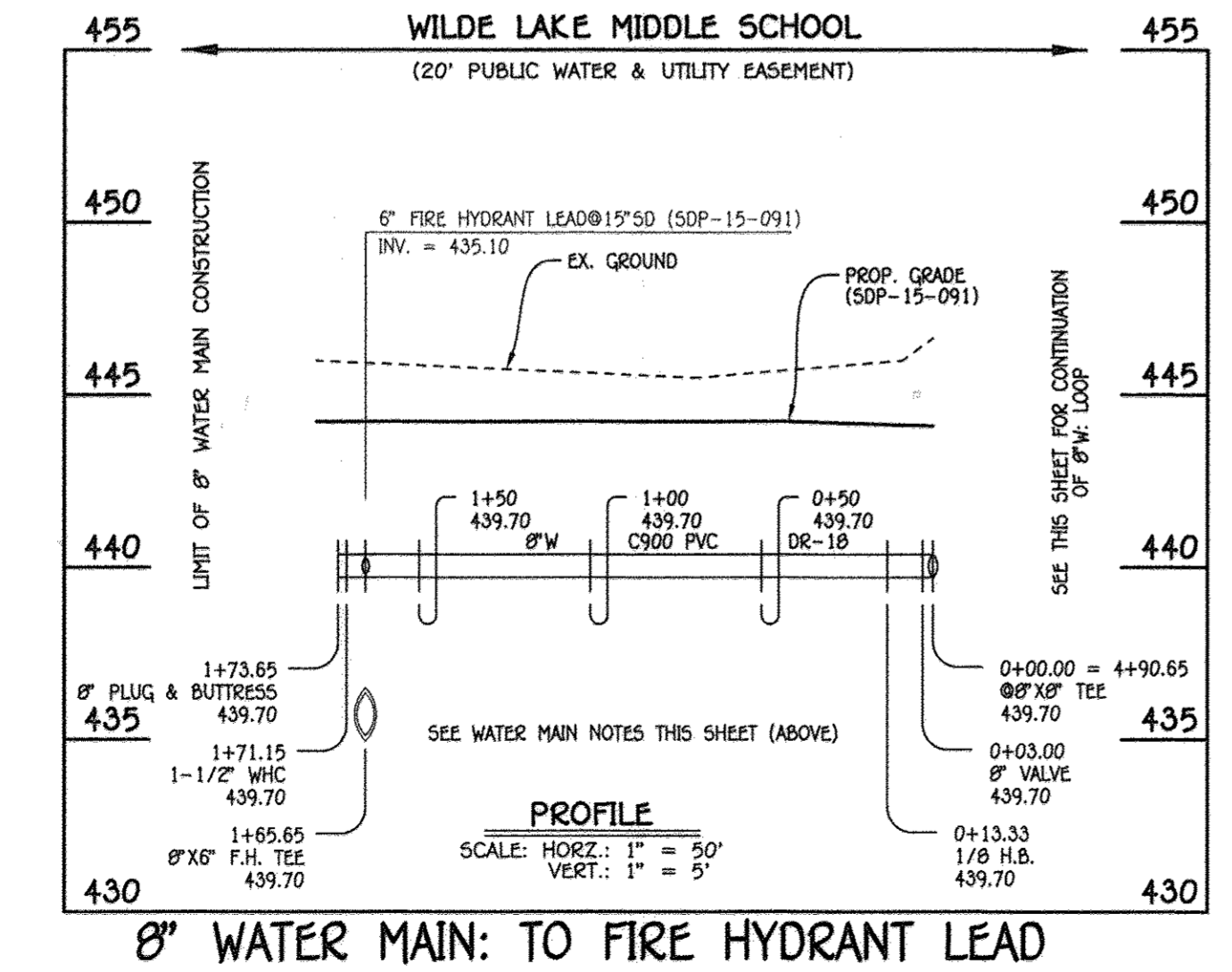
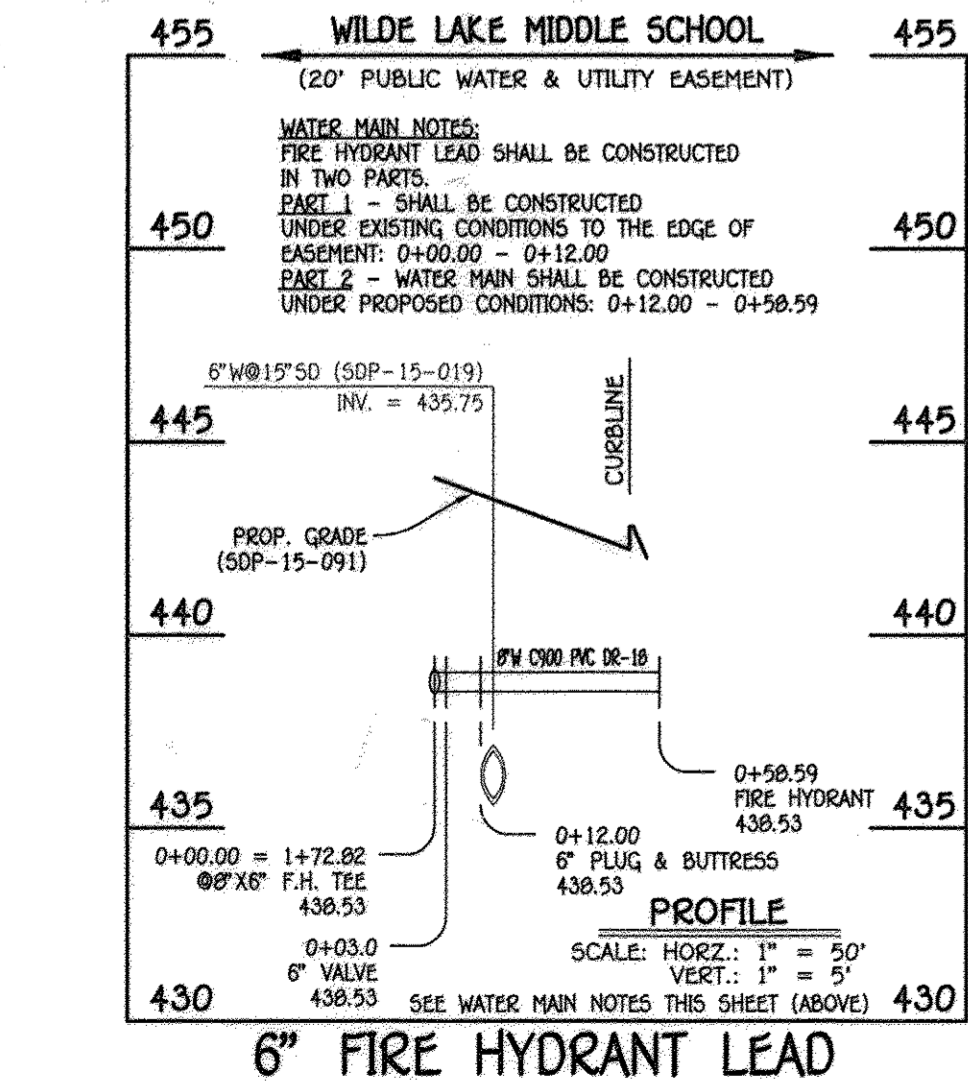
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W.M. STA.	APPURTENANCE	NORTHING	EASTING
8" WATER MAIN: TO WILDE LAKE MIDDLE SCHOOL			
0+00.00	8" X8" TAPPING SLEEVE	565162.23	1347985.57
0+03.00	8" TAPPING VALVE	565160.68	1347983.01
0+22.53	1/8" H.B.	565150.57	1347946.30
2+21.20	1/8" H.B.	565199.37	1347753.71
2+42.32	1/8" H.B.	565188.48	1347735.61
3+02.36	1/8" H.B.	565130.16	1347721.35
3+23.58	1/8" H.B.	565119.15	1347703.21
4+30.26	8" X8" TEE	565144.49	1347599.58
4+33.26	8" VALVE	565141.58	1347598.87
8+19.56	8" X8" F.H. TEE	564766.17	1347507.80
8+25.56	8" VALVE	564760.34	1347506.36
8+59.15 = 0+00.00	8" X8" TEE	564727.70	1347498.46
8+65.15	8" VALVE	564721.87	1347497.03
9+88.60	8" X8" TEE	564661.90	1347467.94
9+91.58	8" VALVE	564662.60	1347465.03
10+04.08	8" PLUG & BUTTRESS	564605.55	1347452.88

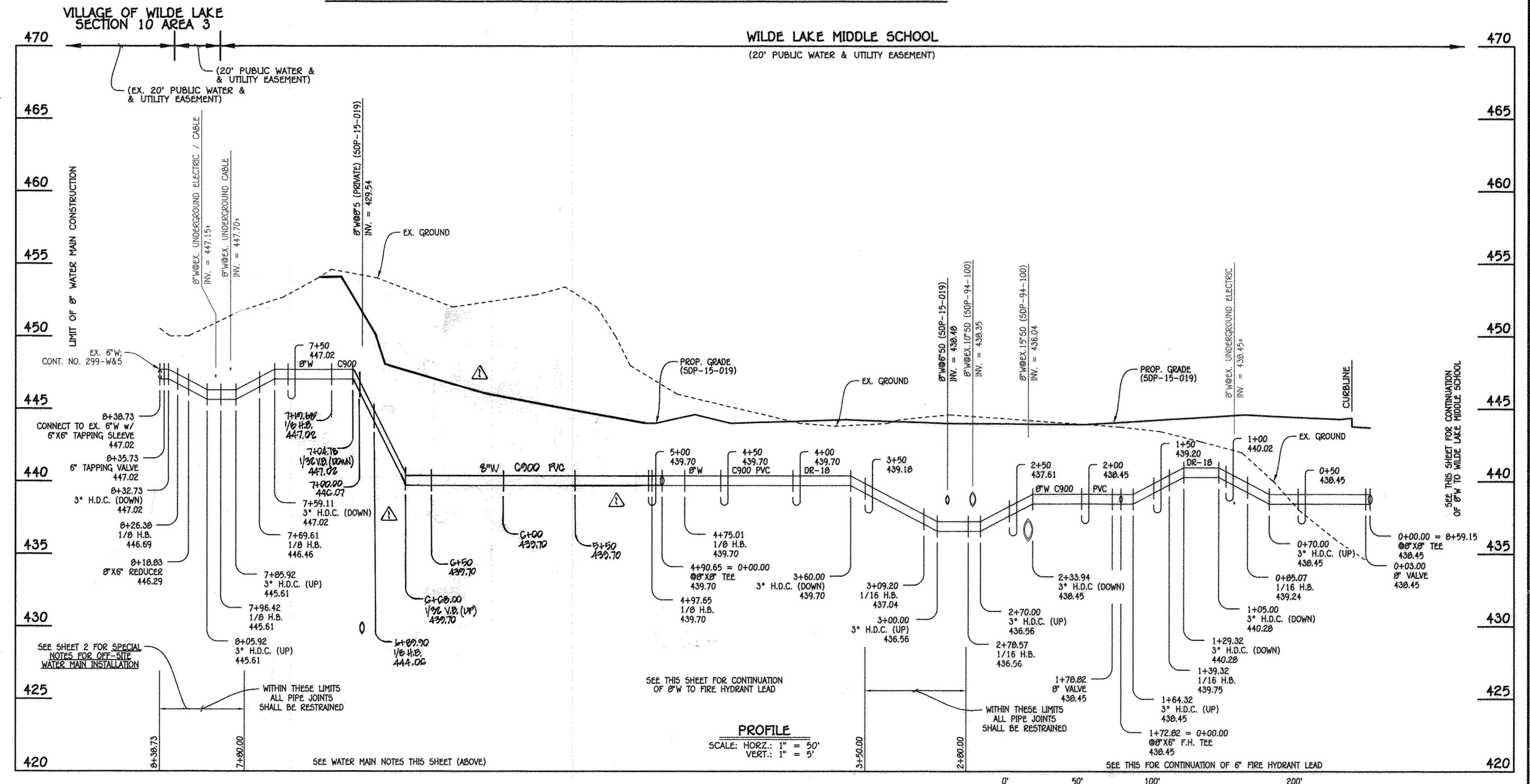
W.M. STA.	APPURTENANCE	NORTHING	EASTING
8" WATER MAIN: LOOP			
0+00.00 = 8+59.15	8" X8" TEE	564727.70	1347498.46
0+03.00	8" VALVE	564728.40	1347495.55
0+85.07	1/16" H.B.	564747.75	1347415.79
1+39.32	1/16" H.B.	564779.38	1347371.71
1+72.82	8" X8" F.H. TEE	564767.31	1347339.17
1+78.82	8" VALVE	564788.73	1347333.34
2+78.57	1/16" H.B.	564812.34	1347236.44
3+09.20	1/16" H.B.	564807.93	1347206.11
4+75.01	1/8" H.B.	564847.31	1347045.04
4+90.65 = 0+00.00	8" X8" TEE	564839.20	1347031.68
4+97.65	1/8" H.B.	564835.56	1347025.69
6+09.90	1/8" H.B.	564881.22	1346838.94
7+19.68	1/8" H.B.	564906.68	1346823.47
7+69.61	1/8" H.B.	564955.17	1346835.33
7+96.42	1/8" H.B.	564977.77	1346820.92
8+18.83	8" X8" REDUCER	564983.30	1346799.19
8+26.38	1/8" H.B.	564985.16	1346791.88
8+35.73	6" TAPPING VALVE	564980.60	1346783.71
8+38.73	6" X8" TAPPING SLEEVE	564979.14	1346781.09

W.M. STA.	APPURTENANCE	NORTHING	EASTING
8" WATER MAIN: TO FIRE HYDRANT LEAD			
0+00.00 = 4+90.65	8" X8" TEE	564839.20	1347031.68
0+03.00	8" VALVE	564836.63	1347033.23
0+13.33	1/8" H.B.	564887.80	1347038.59
1+65.65	8" X8" F.H. TEE	564679.81	1347002.53
1+71.15	1-1/2" WHC	564674.46	1347001.23
1+73.65	8" PLUG & BUTTRESS	564672.04	1347000.65

W.M. STA.	APPURTENANCE	NORTHING	EASTING
6" FIRE HYDRANT LEAD			
0+00.00 = 1+72.82	8" X8" F.H. TEE	564767.31	1347339.17
0+03.00	6" VALVE	564790.22	1347339.88
0+12.00	6" PLUG & BUTTRESS	564798.97	1347342.01
0+58.59	8" X8" F.H. TEE	564844.24	1347353.04



- WATER MAIN NOTES:**
1. ALL WATER MAINS SHALL BE AWWA C900 PVC PIPE; DR-18.
 2. ALL PIPE BEDDING, TRACER WIRE, LOCATING TAPE AND OTHER APPURTENANCES SHALL BE IN ACCORDANCE WITH THE HOWARD COUNTY DESIGN MANUAL, VOLUME IV - WATER AND SEWER STANDARDS FOR AWWA C900 PVC WATER PIPE INSTALLATION.
 3. DEFLECTION COUPLINGS SHALL BE CERTAIN-TEED PVC HIGH DEFLECTION COUPLINGS.
 4. ALL WATER HOUSE CONNECTIONS AND TAPS SHALL BE PERFORMED USING A SADDLE.

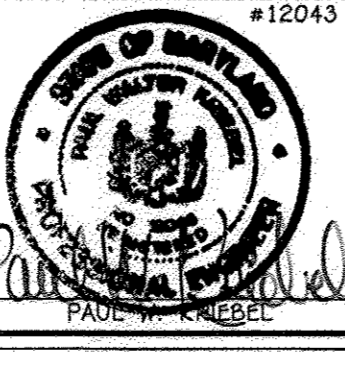


DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND.
LICENSE NO. 12043 EXPIRATION DATE IS 7/31/16.

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTRAL SQUARE OFFICE PARK - 10272 BALDWIN NATIONAL PIKE
ELLIOTT CITY, MARYLAND 21042
(410) 461-3899



DESIGNED BY: B.C.R.
DRAWN BY: B.C.R.
CHECKED BY: P.W.K.
DATE: OCTOBER, 2014

REVISION: REVISE PORTION OF WATER MAIN PROFILE TO REFLECT REVISED GRADING 10/15/15

WATER MAIN EXTENSIONS
PLAN: PROPOSED CONDITIONS

600' SCALE MAP NO. 29 BLOCK NO. 24
F.C.C. WORK ORDER NO. 11059-3002
FILE NAME: WATER MAIN EXTENSION PLAN

WILDE LAKE MIDDLE SCHOOL
VILLAGE OF WILDE LAKE
WATER MAIN EXTENSIONS
CONTRACT NO. 44-48711-D
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 5 OF 5