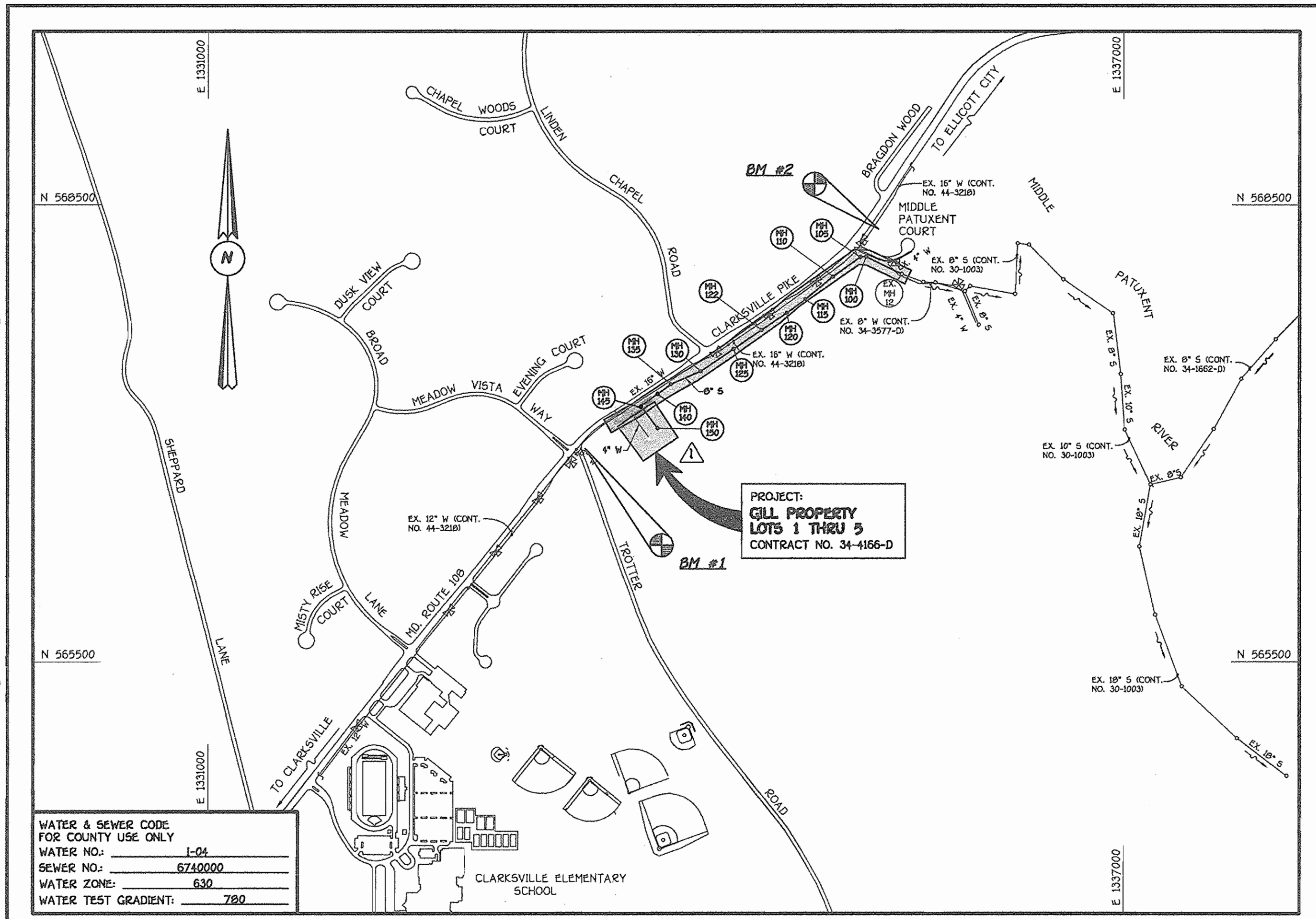


QUANTITIES				
ITEM	ESTIMATED	AS-BUILT		
		QUANTITIES	TYPE	SUPPLIER
8" SEWER	1262.71 LF	1262 LF	P.V.C.	BRS
8" D.I.P.	832.94 LF	834 LF	D.I.P.	BRS
4" SEWER	60 LF	60 LF	P.V.C.	BRS
MANHOLES	12 EACH	12 EA		ATLANTIC
8" WATER	30 LF	30 LF	D.I.P.	BRS
6" WATER	11 LF	8 LF	D.I.P.	"
4" WATER	182 LF	162 LF	D.I.P.	"
1" WHC	60 LF	60 LF	COPPER KITTYE	"
15" x 8" TAPPING SLEEVE & VALVE	1 EACH	1 EA		"
8" x 4" REDUCER	1 EACH	1 EA		"
1 1/2" DRAIN	1 EACH	1 EA	COPPER	"
FIRE HYDRANT	1 EACH	1 EA		"
8" x 6" TEE	1 EACH	1 EA		"

NAME OF UTILITY CONTRACTOR: CC9
 SURVEY & DRAFTING DIVISION AS-BUILT DATE: 2/24/06



WATER & SEWER CODE FOR COUNTY USE ONLY	
WATER NO.:	1-04
SEWER NO.:	6740000
WATER ZONE:	630
WATER TEST GRADIENT:	780

TYPE OF BUILDING:	RESIDENTIAL: SINGLE FAMILY DETACHED
NUMBER OF LOTS:	5 (4 BUILDABLE)
NO. OF WATER HOUSE CONNECTIONS:	4
NO. OF SEWER HOUSE CONNECTIONS:	5
DRAINAGE AREA:	MIDDLE PATUXENT
TREATMENT PLANT:	LITTLE PATUXENT WATER RECLAMATION PLANT

VICINITY MAP
SCALE: 1"=600'

PLAN REFERENCE NUMBERS:
F03-181 (RECORDED PLAT-GILL PROPERTY)
SDP04-145 (GILL PROPERTY)

GENERAL NOTES

- PART I
- 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 OR ABOUT FEBRUARY, 2004 BY FISHER, COLLINS & CARTER, INC.
 - HORIZONTAL AND VERTICAL 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. 29CA & NO. 29CS SEE THIS SHEET FOR BENCHMARK INFORMATION. ALL VERTICAL CONTROLS ARE BASED ON NAVD '83. VERTICAL CONTROLS ARE BASED ON TRAVERSE POINT NO. 109A, AN IRON PIPE SET OFF THE NORTH SIDE OF MARYLAND ROUTE 100, APPROXIMATELY 1000' EAST OF TROTTER ROAD; ELEV. 421.90
 - 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 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 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 @ 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) 410-950-4620
 BGE (EMERGENCY) 410-695-1400
 BUREAU OF UTILITIES 410-313-4900
 COLONIAL PIPELINE CO. 410-795-1390
 MISS UTILITY 1-800-257-7777
 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.
 - 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 DFW REQUIREMENTS PER SECTION 10.114(H) OF THE HOWARD COUNTY CODE.
- PART II: 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 TREES SHALL BE STRAPPED TO TREES.
 - 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.
- PART III: 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 18" WALLS ARE FOR BRICK MANHOLES ONLY.
 - WHERE WATERTIGHT MANHOLE FRAMES AND COVERS ARE USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
 - HOUSES WITH THE SYMBOL "C.N.S." INDICATES THAT THE CELLAR CANNOT BE SERVED.

BENCHMARK INFORMATION	
BM-1 - HOWARD COUNTY MONUMENT NO. 29CA	N 568867.478 E 1333325.605 ELEV. = 450.732
BM-2 - HOWARD COUNTY MONUMENT NO. 29CS	N 568341.223 E 1335392.467 ELEV. = 386.129

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 SOIL CONSERVATION DISTRICT OR THEIR AUTHORIZED AGENTS, AS ARE DEEMED NECESSARY.
 Paul W. Koedel FOR:
 ELICOTT CITY LAND HOLDING, INC. 05/17/05
 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 SOIL CONSERVATION DISTRICT.
 Paul W. Koedel 05-17-05
 SIGNATURE OF ENGINEER DATE

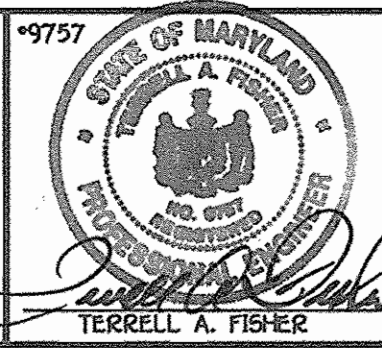
GP05-64
 REVIEWED FOR HOWARD COUNTY SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENTS.
 Jim Meyer 5/26/05
 U.S.D.A. NATURAL RESOURCES CONSERVATION SERVICE DATE
 THIS DEVELOPMENT IS APPROVED FOR EROSION AND SEDIMENT CONTROL BY HOWARD SOIL CONSERVATION DISTRICT.
 APPROVED
 John K. Hatten 5/26/05
 HOWARD SOIL CONSERVATION DISTRICT DATE
 EROSION CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY DESIGN MANUAL & STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL BY DEVELOPING AREAS AND AS SHOWN ON THESE PLANS & ON SOP 02-145.
 Paul W. Koedel FOR:
 ELICOTT CITY LAND HOLDING, INC. 05/17/05
 SIGNATURE OF DEVELOPER DATE

CONTRACT NO. 34-4166-D
GILL PROPERTY
 LOTS 1 THRU 5
 WATER AND SEWER MAIN EXTENSIONS
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 R. L. B... 6-20-05
 CHIEF, BUREAU OF UTILITIES DATE

DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND
 ... 7/10/05
 CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTONAL SQUARE OFFICE PARK - 10276 BALTIMORE NATIONAL PKWY
 ELICOTT CITY, MARYLAND 21042
 (410) 461-2200



DESIGNED BY: D.Y.B.
 DRAWN BY: D.Y.B.
 CHECKED BY: P.W.K.
 DATE: MAY, 2005
 BY NO.
 KCI 2
 PCC 1
 ABSOLUTE DATA SHOWN
 REVISE VICINITY MAP - NEW SEWER MAIN ALIGNMENT
 5/14/06
 11/14/05

TITLE SHEET
 SCALE AS SHOWN
 600' SCALE MAP NO. 29 BLOCK NO. 20
 F.C.C. WORK ORDER NO. 30787
 FILE NAME: FINAL WATER AND SEWER TITLE SHEET

GILL PROPERTY
 LOTS 1 THRU 5
 CONTRACT NO. 34-4166-D
 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND
 SHEET 1 OF 9



PLAN
SCALE: 1" = 50'

NOTE: SET RIM OF MANHOLE NOS. 120 & 122 0.5' ABOVE EX. GROUND

NOTE: DENOTES TREES TO BE REMOVED WITHIN PUBLIC SEWER & UTILITY EASEMENT. SEE SHEET 9.

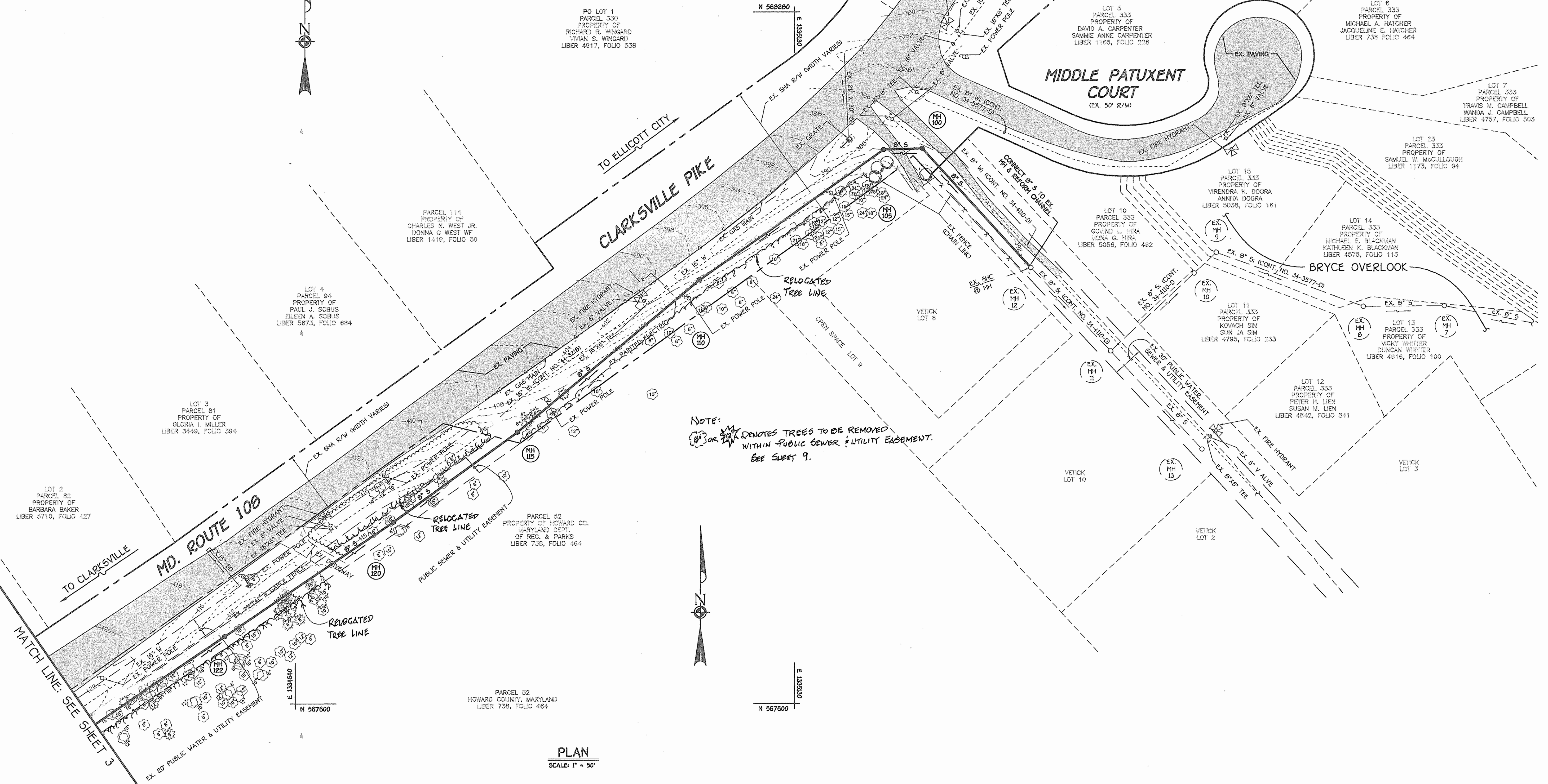
MATCH LINE: SEE SHEET 3
TO CLARKSVILLE
TO CLARKSVILLE

MD. ROUTE 108

CLARKSVILLE PIKE
TO ELLICOTT CITY

MIDDLE PATUXENT COURT
(EX. 50' R/W)

BRYCE OVERLOOK

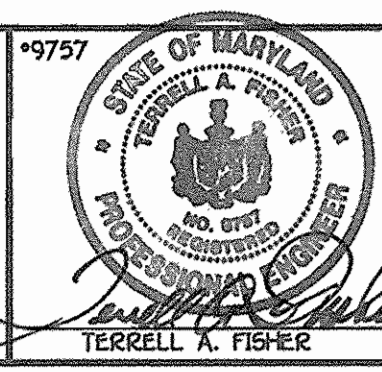


K:\SIS\PROJ\030787 Gill Property\DWG\WATSEWER\FINAL WATER and SEWER PLAN A & B.dwg, 5/16/2005 5:00:38 PM

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21114
410 481 - 2925



DESIGNED BY:	P.W.K.				
DRAWN BY:	D.Y.B.				
CHECKED BY:	P.W.K.				
DATE:	MAY, 2005	BY	NO.	REVISION	DATE

WATER AND SEWER MAINS PLAN

600' SCALE MAP NO. 29 BLOCK NO. 20
F.C.C. WORK ORDER NO. 30787
FILE NAME: FINAL WATER AND SEWER MAINS PLAN SHT. 2

GILL PROPERTY
LOTS 1 THRU 5
CONTRACT NO. 34-4166-D
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 2 OF 9

Robert B. Bunker 6-20-05
CHIEF, BUREAU OF UTILITIES DATE

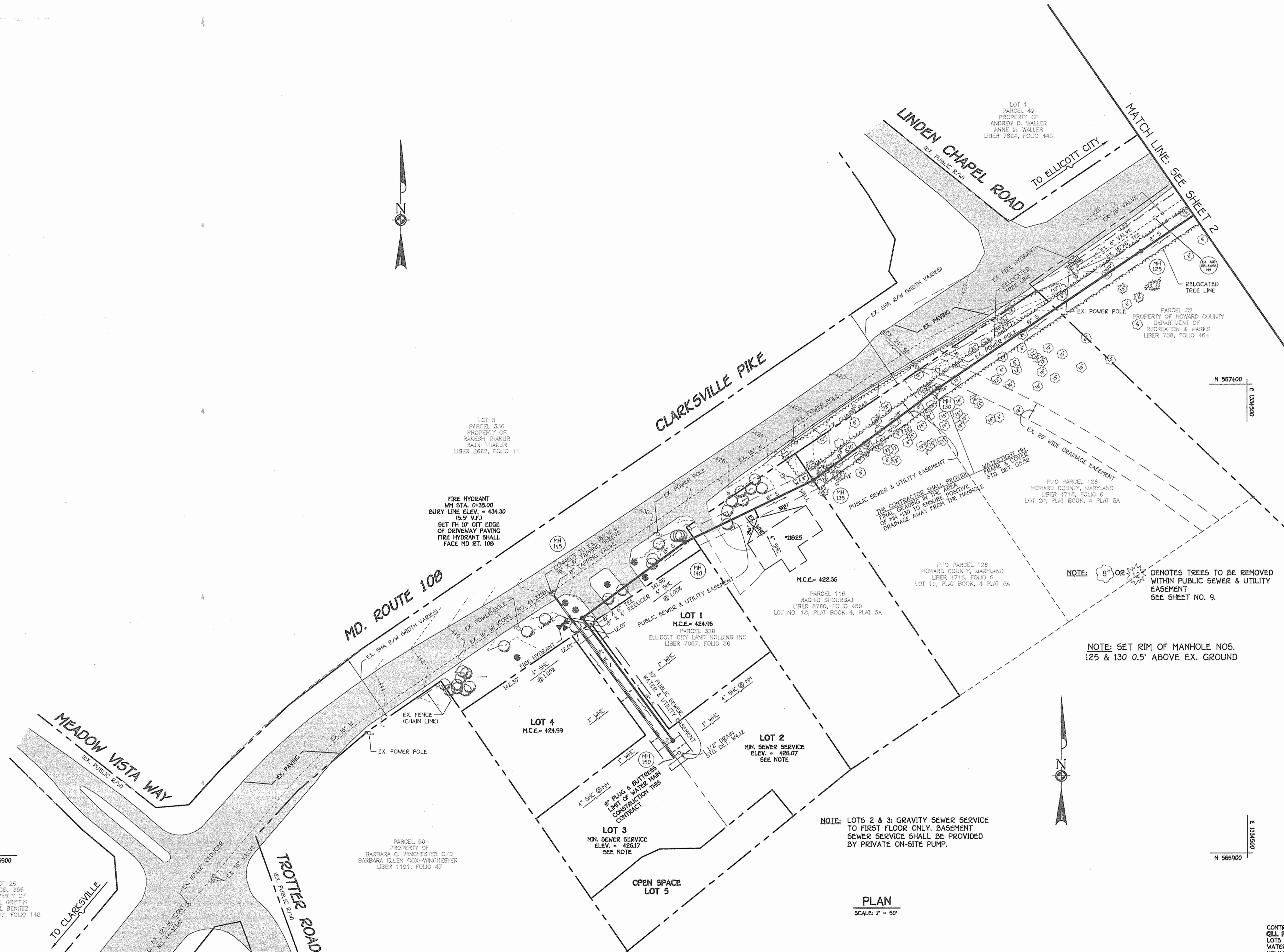
[Signature] 7/20/05
CHIEF, DEVELOPMENT ENGINEERING DIVISION DATE

TERRELL A. FISHER

CONTRACT NO. 34-4166-D
GILL PROPERTY
LOTS 1 THRU 5
WATER AND SEWER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND

WATER AND SEWER ASBUILT DATA

UNIT	FROM	TO	FEET
LOT 1	SHC	MH 149	33
"	WHC	SHC LOT 1	62
"	WHC	MH 150	70
"	WHC	MH 145 LOT 4	29
"	WHC	WHC	30
LOT 2	SHC	MH	70
"	WHC LOT 2	SHC LOT 2	10
"	WHC	MH	14
"	1/2" DRAIN	MH 150	15
"	SHC	DRAIN LOT 3	23
"	SHC	DRAIN LOT 2	18
LOT 3	SHC	MH	20
"	WHC	MH	24
"	SHC	WHC LOT 3	10
LOT 4	SHC	MH 149	20
"	F.H.	SHC	29
"	WHC	WHC LOT 4	30
"	WHC	MH 150	68
"	WHC	MH 145	30
"	WHC	MH 150	68
"	WHC	MH 149	29
"	F.H.	F.H. G VAC.	8
"	F.H.	MH 145	22
"	F.H. G V	MH 145	14
"	T.S.V.	MH 149	41
"	F.H.	T.S.V.	24
"	EX. POLE	T.S.V.	22
PARCEL # 116 SHC	MH-140	80	



NOTE: 8" OR 12" DENOTES TREES TO BE REMOVED WITHIN PUBLIC SEWER & UTILITY EASEMENT SEE SHEET NO. 9.

NOTE: SET RIM OF MANHOLE NOS. 125 & 130 0.5' ABOVE EX. GROUND

NOTE: LOTS 2 & 3: GRAVITY SEWER SERVICE TO FIRST FLOOR ONLY. BASEMENT SEWER SERVICE SHALL BE PROVIDED BY PRIVATE ON-SITE PUMP.

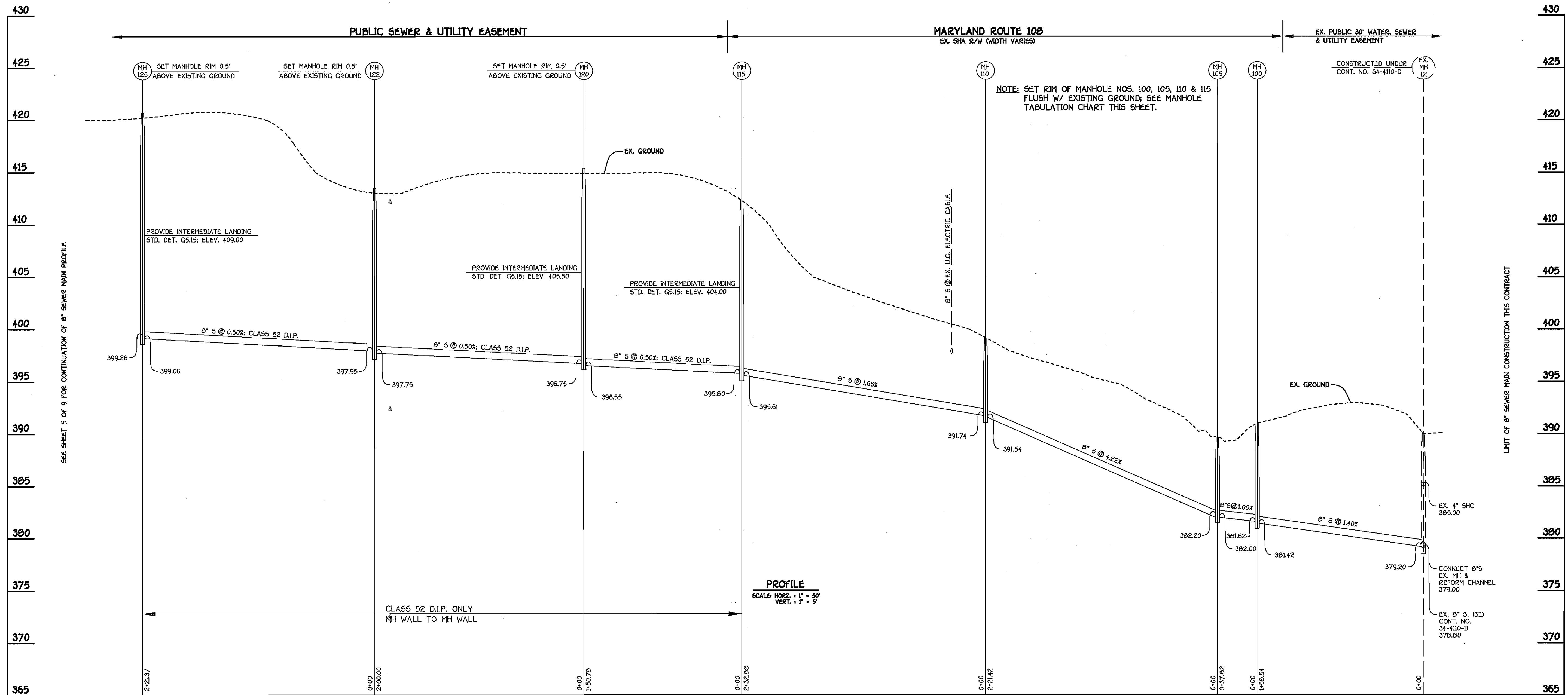
PLAN
SCALE: 1" = 50'

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND		DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND		TERRELL A. FISHER		DESIGNED BY: P.W.K. DRAWN BY: D.Y.B. CHECKED BY: P.W.K. DATE: NOVEMBER, 2005		WATER AND SEWER MAINS PLAN 60' SCALE MAP NO. 29 BLOCK NO. 20 F.C.C. WORK ORDER NO. 30787 FILE NAME: FINAL WATER AND SEWER MAINS PLAN SHT 3		GILL PROPERTY LOTS 1 THRU 5 CONTRACT NO. 34-4166-D FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND		SCALE AS SHOWN SHEET 3 OF 9
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K:\DISK\PROJECTS\34-4166-D\GILL\SEWER\MAIN\SEWER\MAIN\SEWER MAINS PLAN 1 & 2.dwg, 11/22/05 6:45:56 AM, 1:1

MANHOLE TABULATION CHART			
NO.	NORTHING	EASTING	RIM ELEVATION
100	569145.72	1335255.34	391.02*
105	569144.50	1335217.54	389.66*
110	568016.57	1335036.82	399.19*
115	567867.18	1334958.17	412.33*
120	567778.47	1334736.25	415.42***
122	567666.34	1334570.65	413.55***
125	567542.21	1334387.34	420.73***
130	567396.22	1334171.73	407.50***
135	567296.60	1334099.62	423.47*
140	567232.31	1333901.10	429.40*
145	567151.75	1333792.42	424.49*
150	567020.92	1333688.51	426.82**

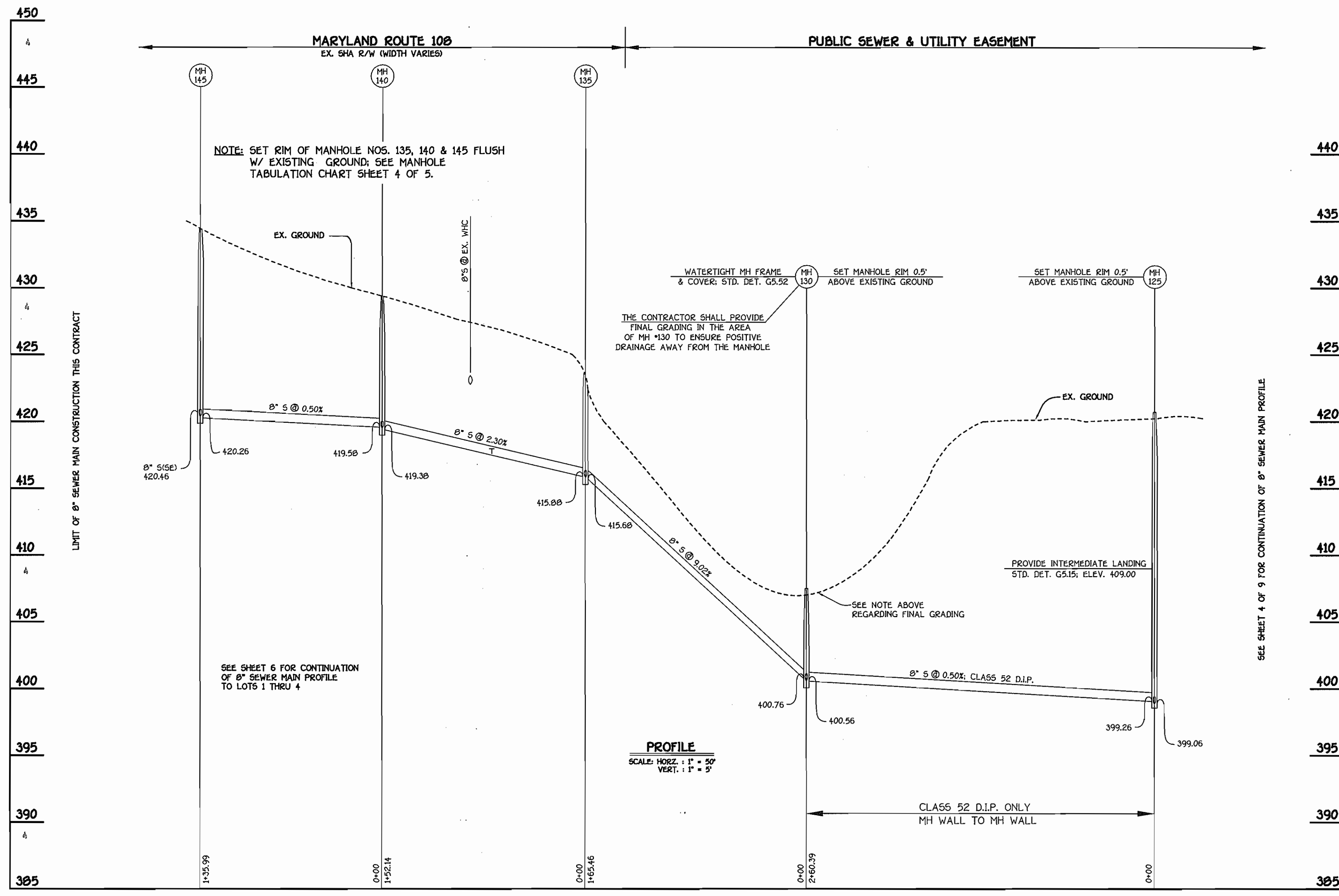
* SET MH RIM FLUSH W/ EXISTING GROUND
 ** SET MH RIM FLUSH W/ PROPOSED FINISHED GRADE
 *** SET MH RIM 0.5' ABOVE EXISTING GROUND.



8" SEWER MAIN EXTENSION: MD ROUTE 108

CONTRACT NO. 34-4166-D
 GILL PROPERTY
 LOTS 1 THRU 5
 WATER AND SEWER MAIN EXTENSIONS
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE: 6-20-05 CHEF, BUREAU OF UTILITIES	DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND DATE: 7/4/05 CHEF, DEVELOPMENT ENGINEERING DIVISION	FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS 10272 BALTIMORE NATIONAL PIKE ELICOTT CITY, MARYLAND 21042 (410) 481-1200	STATE OF MARYLAND TERRILL A. FISHER PROFESSIONAL ENGINEER NO. 9757	DESIGNED BY: P.W.K. DRAWN BY: D.Y.B. CHECKED BY: P.W.K. DATE: MAY, 2005	REVISION: REVISE MH TABULATION CHART - NEW SEWER MAIN ALIGNMENT DATE: 11/14/05	SEWER MAIN PROFILE 600' SCALE MAP NO. 29 BLOCK NO. 20 F.C.C. WORK ORDER NO. 30787 FILE NAME: FINAL SEWER MAINS PROFILE SHEET 4	GILL PROPERTY LOTS 1 THRU 5 CONTRACT NO. 34-4166-D FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE AS SHOWN SHEET 4 OF 9
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8" SEWER MAIN EXTENSION: MD ROUTE 108

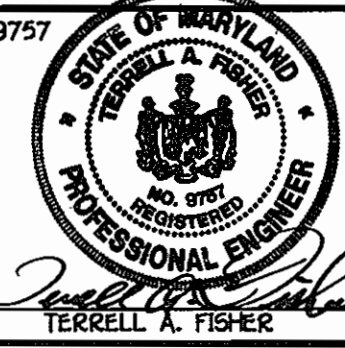
NOTE: THIS ORIGINAL CONSTRUCTION PLAN, SHEET 5 OF 9, SUPERSEDES THE WATER & SEWER MAIN CONSTRUCTION PLAN PREVIOUSLY APPROVED AND SIGNED BY THE CHIEF OF THE DEVELOPMENT ENGINEERING DIVISION, DEPARTMENT OF PLANNING AND ZONING, ON JULY 29, 2005

CONTRACT NO. 34-4166-D
 GILL PROPERTY
 LOTS 1 THRU 5
 WATER AND SEWER MAIN EXTENSIONS
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 R. J. B...
 11-22-05
 CHIEF, BUREAU OF UTILITIES

DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND
 ...
 12/2/05
 CHIEF, DEVELOPMENT ENGINEERING DIVISION

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTONAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21114
 (410) 461-2955



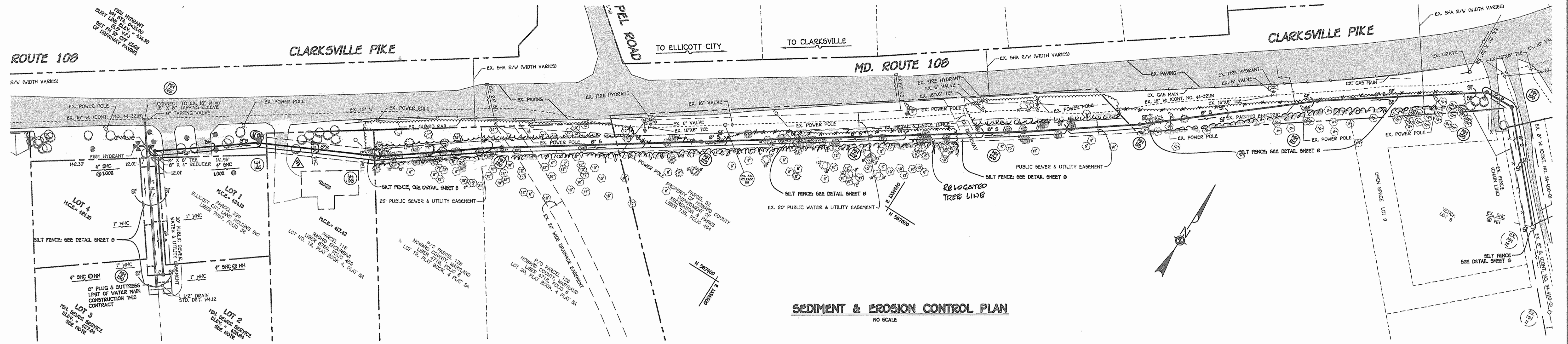
DESIGNED BY:	P.W.K.
DRAWN BY:	P.L.D.T.
CHECKED BY:	P.W.K.
DATE:	NOVEMBER, 2005
BY NO.	
REVISION	

SEWER MAIN PROFILE
 600' SCALE MAP NO. 29 BLOCK NO. 20
 F.C.C. WORK ORDER NO. 30787
 FILE NAME: FINAL SEWER MAINS PROFILE SHEET 5

GILL PROPERTY
 LOTS 1 THRU 5
 CONTRACT NO. 34-4166-D
 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
 SHEET 5 OF 9

K:\SIS\PROJ\030787 Gill Property\eng\DWG\TSE\WFM\30787 FINAL WATER and SEWER PLAN 'A' & 'B'.dwg, 11/16/2005 9:08:36 AM, 1:1

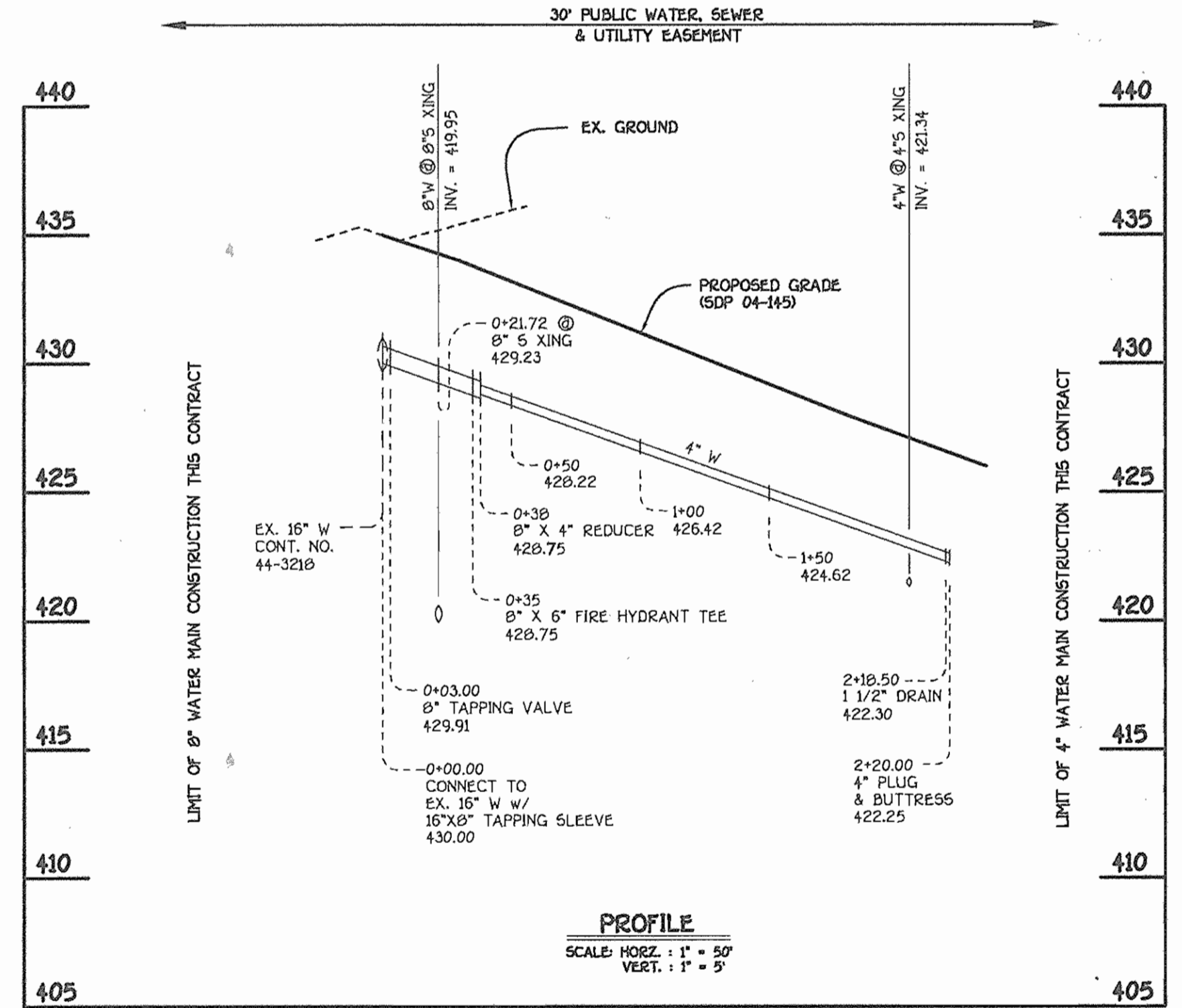


SEDIMENT & EROSION CONTROL PLAN
NO SCALE

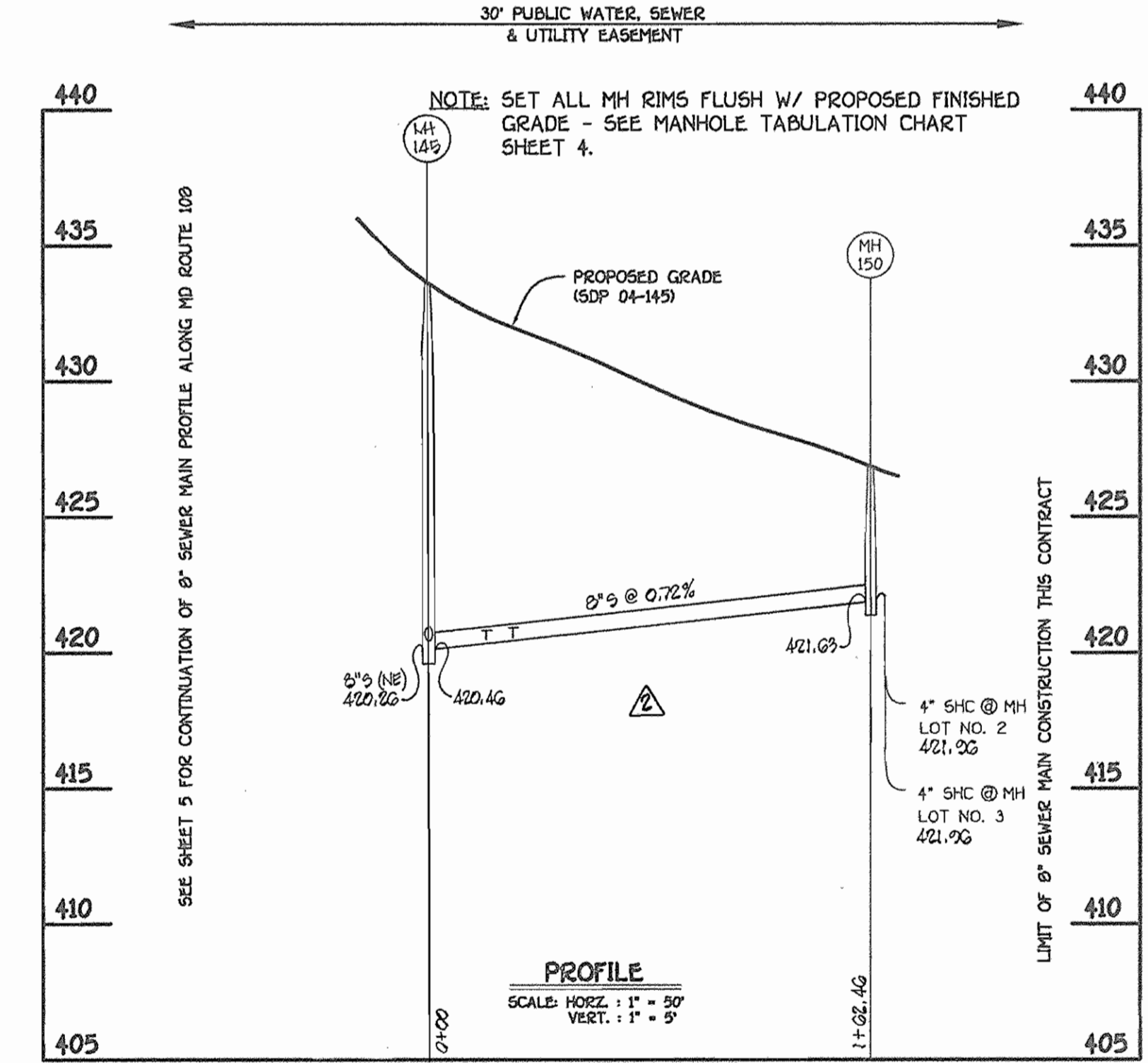
WATER MAIN TABULATION CHART			
W.M. STATION	APPURTENANCE	NORTHING	EASTING
8" WATER MAIN			
0+00.00	CONNECT TO EX. 16" W W/ 16" X 8" TAPPING SLEEVE	567179.44	1333759.40
0+03.00	8" TAPPING VALVE	567177.03	1333761.10
0+35.00	8" X 6" FIRE HYDRANT TEE	567191.26	1333780.15
0+39.00	8" X 4" REDUCER	567148.04	1333781.93
2+18.50	1 1/2" DRAIN	567003.40	1333808.93
2+20.00	8" PLUG & BUTTRESS	567002.27	1333809.82

SHC INVERT @ PROPERTY LINE CHART		
STATION	LOT	ELEVATION
0+70 LT.	MH 195 TO MH 140 EX. LOT 1B	417.00
0+21 RT.	MH 145 TO MH 150 4 SHC @ 1.00%	420.90
0+21 LT.	1 SHC @ 1.00%	420.95
@ MH 150 LT.	2 SHC @ MH @ 1.00%	422.00
@ MH 150 RT.	3 SHC @ MH @ 1.00%	422.10

NOTE: DENOTES TREES TO BE REMOVED WITHIN PUBLIC SEWER & UTILITY EASEMENT. SEE SHEET NO. 9.

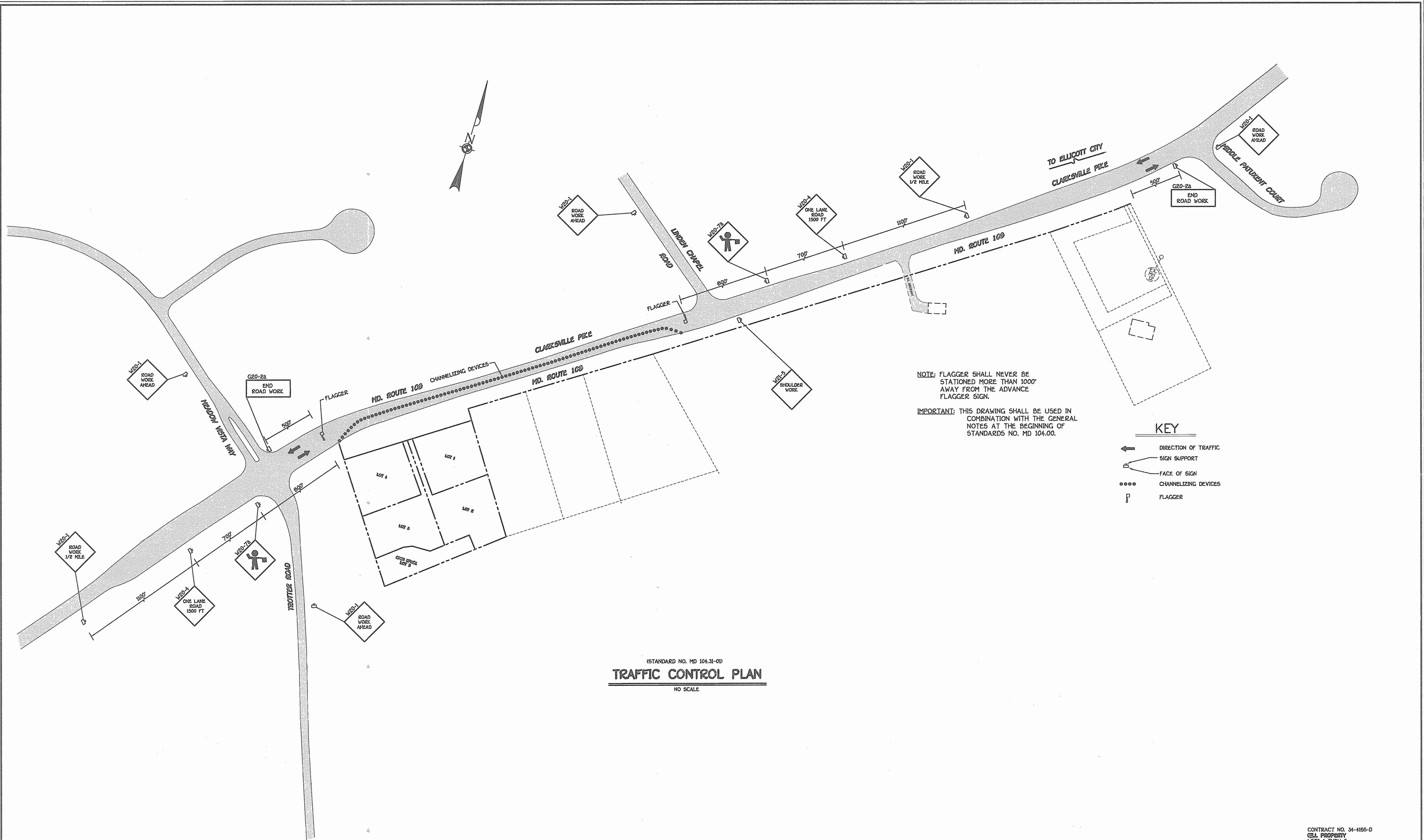


8" WATER MAIN EXTENSION: GILL PROPERTY



8" SEWER MAIN EXTENSION: GILL PROPERTY

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 6-20-05 DATE	DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND 7/2/05 DATE	 FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS CONTANTON SQUARE OFFICE PARK - 10772 BALTIMORE NATIONAL PIKE ELLICOTT CITY, MARYLAND 21114 (410) 461-2955	 STATE OF MARYLAND TERRILL A. FISHER	DESIGNED BY: D.Y.B. DRAWN BY: D.Y.B. CHECKED BY: P.W.K. DATE: MAY, 2005	WATER & SEWER MAINS PROFILES 600' SCALE MAP NO. 29 BLOCK NO. 20 F.C.C. WORK ORDER NO. 30787 FILE NAME: FINAL SEWER MAINS PROFILE SHEET 6	GILL PROPERTY LOTS 1 THRU 5 CONTRACT NO. 34-4166-D FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND	SCALE AS SHOWN SHEET 6 OF 9
--	--	---	--	--	---	--	--------------------------------



NOTE: FLAGGER SHALL NEVER BE STATIONED MORE THAN 1000' AWAY FROM THE ADVANCE FLAGGER SIGN.

IMPORTANT: THIS DRAWING SHALL BE USED IN COMBINATION WITH THE GENERAL NOTES AT THE BEGINNING OF STANDARDS NO. MD 104.00.

KEY

- ← DIRECTION OF TRAFFIC
- SIGN SUPPORT
- FACE OF SIGN
- CHANNELIZING DEVICES
- ⌘ FLAGGER

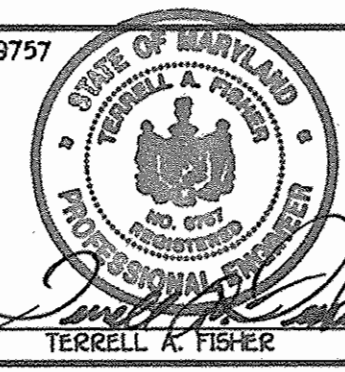
STANDARD NO. MD 104.31-01
TRAFFIC CONTROL PLAN
 NO SCALE

CONTRACT NO. 34-4166-D
 GILL PROPERTY
 LOTS 1 THRU 5
 WATER AND SEWER MAIN EXTENSIONS
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING
 HOWARD COUNTY, MARYLAND

FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 461-2255



DESIGNED BY :	D.Y.B.				
DRAWN BY :	D.Y.B.				
CHECKED BY :	P.W.K.				
DATE :	MAY, 2005	BY	NO.	REVISION	DATE

TEMPORARY TRAFFIC CONTROL PLAN, NOTES & DETAILS

60' SCALE MAP NO. 29	BLOCK NO. 20
F.C.C. WORK ORDER NO. 30787	
FILE NAME :	FINAL WATER AND SEWER PLAN 'B'

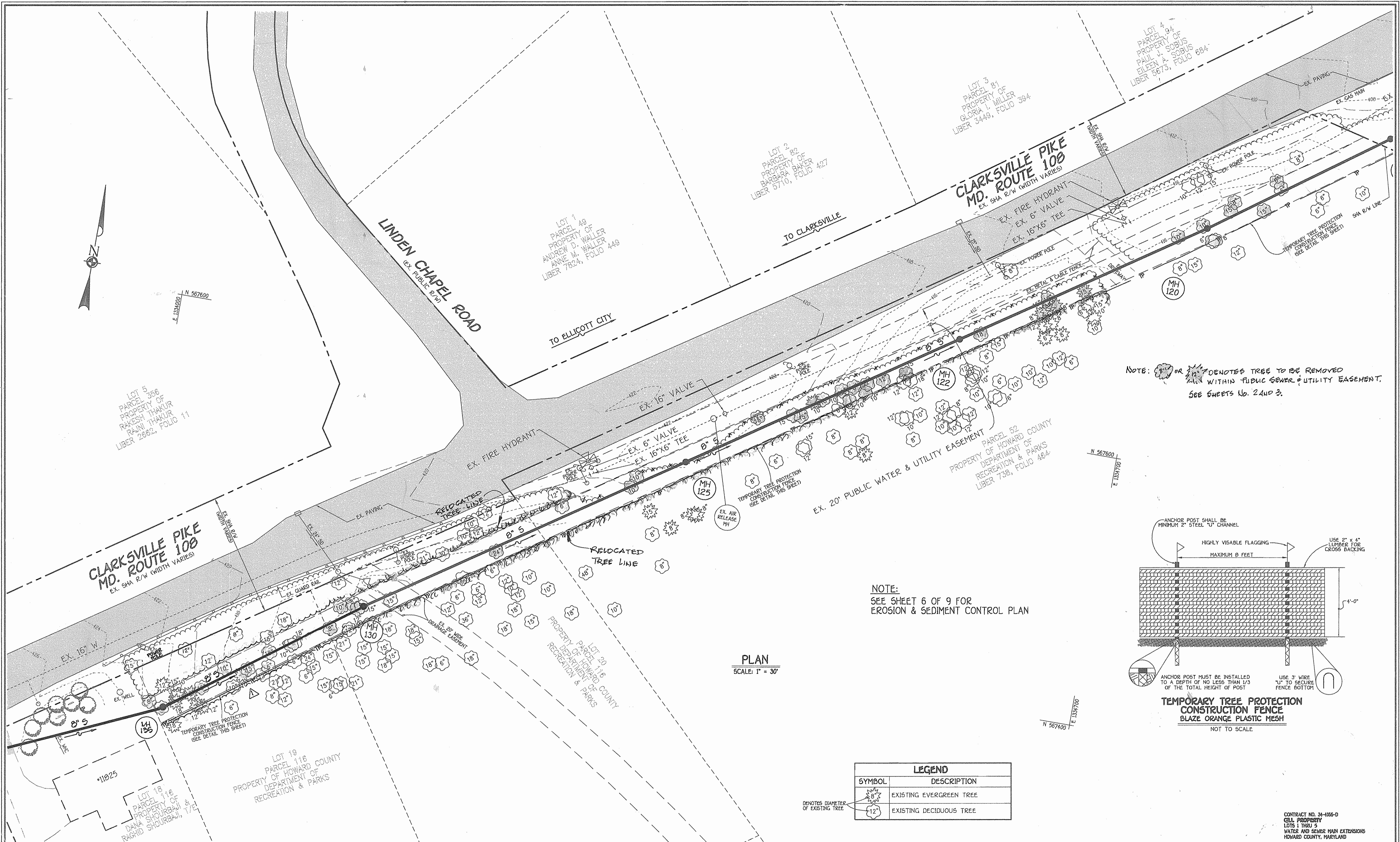
GILL PROPERTY
 LOTS 1 THRU 5
 CONTRACT NO. 34-4166-D
 FIFTH ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
 SHEET 7 of 9

Richard B. ... 6-20-05
 CHIEF, BUREAU OF UTILITIES
 DATE

[Signature] 7/24/05
 CHIEF, DEVELOPMENT ENGINEERING DIVISION
 DATE

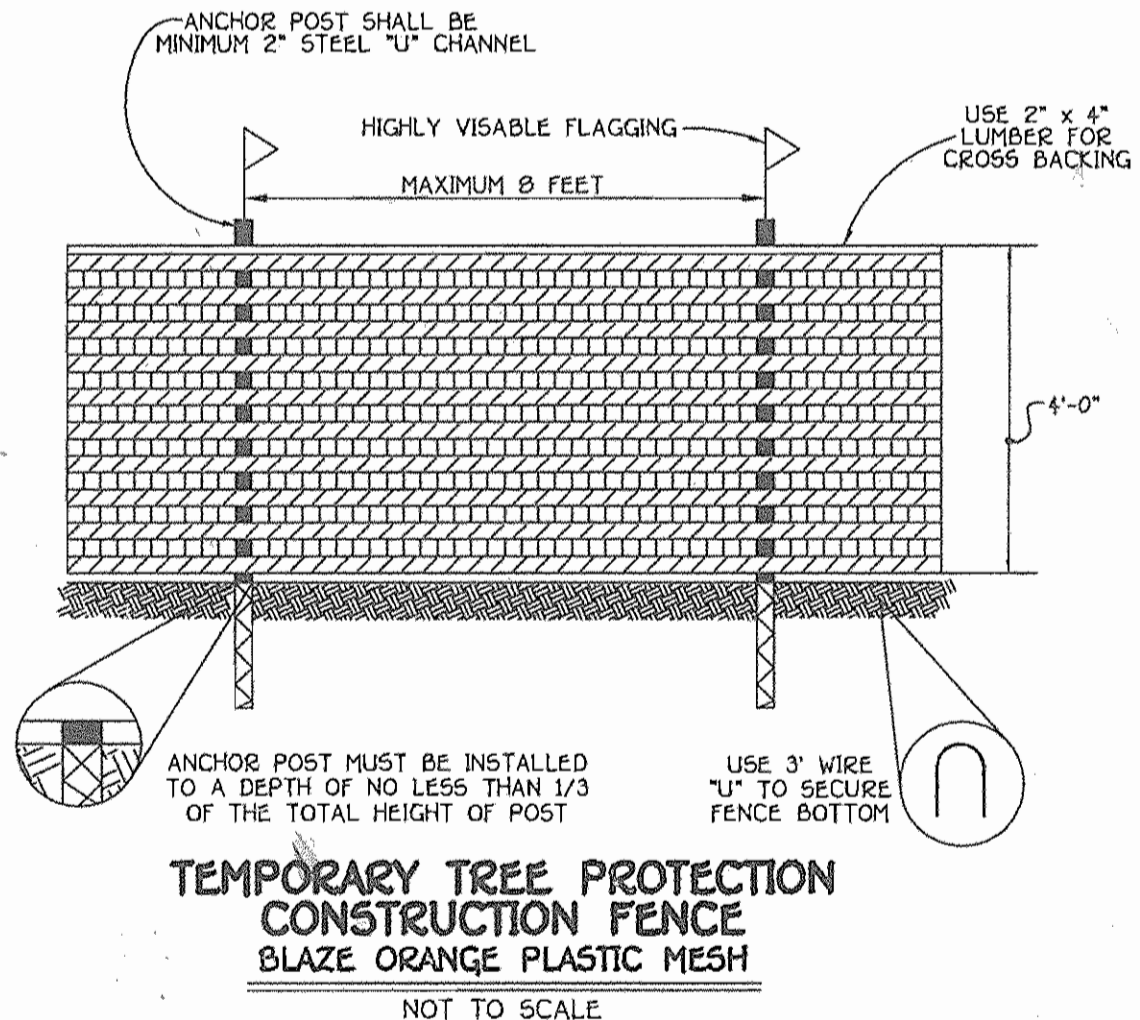
K:\DISKFR01\03787 Gill Property\DWG\WATSEW\Final\30787 FINAL WATER and SEWER PLAN 'A' & 'B'.dwg, 5/16/2005 5:02:35 P



NOTE: or DENOTES TREE TO BE REMOVED WITHIN PUBLIC SEWER & UTILITY EASEMENT. SEE SHEETS NO. 2 AND 3.

NOTE: SEE SHEET 6 OF 9 FOR EROSION & SEDIMENT CONTROL PLAN

PLAN
SCALE: 1" = 30'



LEGEND	
SYMBOL	DESCRIPTION
	EXISTING EVERGREEN TREE
	EXISTING DECIDUOUS TREE

8" DENOTES DIAMETER OF EXISTING TREE

CONTRACT NO. 34-4166-D
GILL PROPERTY
LOTS 1 THRU 5
WATER AND SEWER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND		DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND		 FISHER, COLLINS & CARTER, INC. CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS <small>CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE ELICOTT CITY, MARYLAND 21042 (410) 461-2955</small>		 STATE OF MARYLAND DEPARTMENT OF PUBLIC WORKS FOREST DELINEATION PLAN		GILL PROPERTY LOTS 1 THRU 5 CONTRACT NO. 34-4166-D FIFTH ELECTION DISTRICT HOWARD COUNTY, MARYLAND		SCALE AS SHOWN SHEET 9 of 9
DESIGNED BY: P.W.K.	DRAWN BY: B.L.P.	CHECKED BY: P.W.K.	DATE: MAY, 2005	BY:	NO.	REVISION: REMOVE SEWER MAIN ALIGNMENT	DATE: 4/14/05	FILE NAME: FINAL WATER AND SEWER PLAN 'B'	600' SCALE MAP NO. 29 BLOCK NO. 20 F.C.C. WORK ORDER NO. 30787	
CHIEF, BUREAU OF UTILITIES 6-20-05		CHIEF, DEVELOPMENT ENGINEERING DIVISION 7/24/05		TERRELL A. FISHER		DATE:		DATE:		

K:\GIS\PROJECTS\30787_Gill_Property\WATER_SEWER\WATER_SEWER_STAND_DELINEATION_PLAN.dwg 5/16/2005 5:31:41 PM