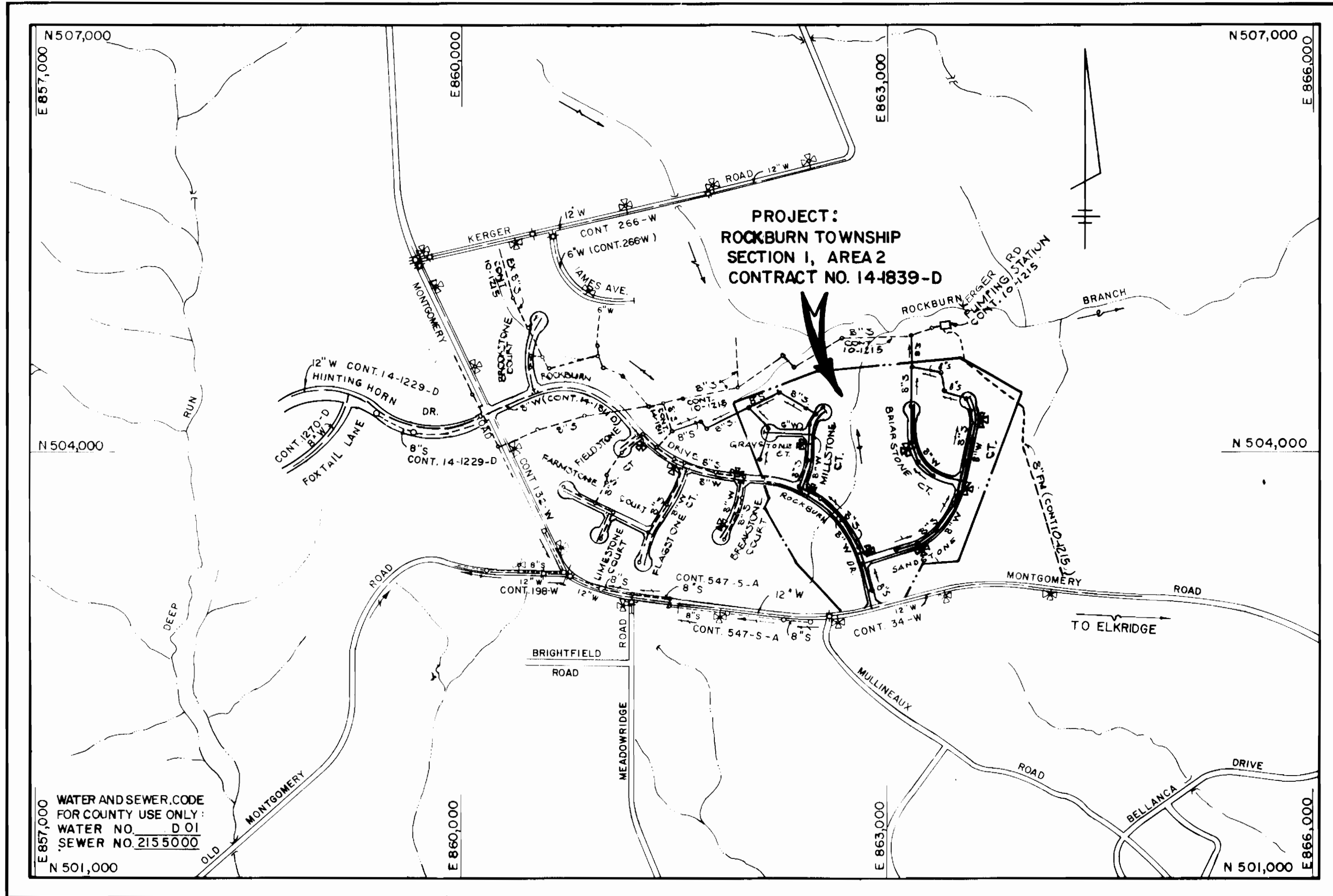


QUANTITIES				
ITEM	EST'D	AS-BUILT	SUPPLIER	MANUFACTURE
8" SEWER	5167 LF	5679	MUNICIPAL	HUNTER
MANHOLES	31	31	ATLANTIC CO.	ATLANTIC CO.
6" SHC	2001 LF	1868	MUNICIPAL	HUNTER
8" WATER	2111 LF	3392	A&P SUPPLY	ATLANTIC STATES
6" WATER	1110 LF	1233	"	"
4" WATER	163 LF	125	"	ATLANTIC STATES
FIKE HYDRANT	7	7	MUNICIPAL	M&H
8" Y	5	6	MUNICIPAL	M&H
6" Y	1	7	MUNICIPAL	M&H
4" Y	4	4	"	M&H
3" BLOWOFF	4	4	"	GO-LIPGE
8"x6" KELL	3	3	A&P SUPPLY	TYLER PIPE
5"x4" TAPPING SLEEVE & VALVE	1	1	MUNICIPAL	CLAW ARE
3/4" WHC	1503 LF	1401	"	Cambridge L.
1" WHC	620 LF	546	"	Cambridge L.
4"x2" FEU	4	4	A&P SUPPLY	TYLER PIPE
8"x6" D.H.	1074 LF	142	"	ATLANTIC STATES

GENERAL NOTES

- 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.
- ALL HORIZONTAL CONTROLS ARE BASED ON U.S.G.S. DATA.
- ALL VERTICAL CONTROLS ARE BASED ON U.S.G.S. DATA.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
- CLEAR ALL UTILITIES BY A MINIMUM OF 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. 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 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 VERIFIED BY THE CONTRACTOR TO HIS OWN SATISFACTION. ANY DAMAGE TO EXISTING FACILITIES DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- CONTRACTOR SHALL NOTIFY THE FOLLOWING UTILITIES OR AGENCIES AT LEAST FIVE WORKING DAYS BEFORE STARTING WORK SHOWN ON THESE PLANS:
 - STATE HIGHWAY ADMINISTRATION : 531-5533
 - BALTIMORE GAS & ELECTRIC CO. - CONTRACTOR SERVICES: 561-2585
 - BALTIMORE GAS & ELECTRIC CO. UNDERGROUND DAMAGE CONTROL: 234-5621
 - BALTIMORE GAS & ELECTRIC CO. TROUBLE SHOOTING: 298-9013
 - MISS UTILITY: 1-559-0100
 - COLONIAL PIPELINE COMPANY: 795-1390
 - BUREAU OF UTILITIES, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS: 992-2366
- TREES AND SHRUBS ARE TO BE PROTECTED FROM DAMAGE TO 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 LINE OF EXCAVATION. PAYMENT FOR SUCH REMOVAL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR CONSTRUCTION OF THE MAIN.
- ALL WATER MAINS TO BE D.I.P. CLASS 52 UNLESS OTHERWISE NOTED.
- TOPS OF ALL WATER MAINS TO HAVE A MINIMUM OF 3-1/2' 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 THE 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 STRAPPED AND BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS. SOIL AROUND THE FIRE HYDRANT SHALL BE COMPACTED IN ACCORDANCE WITH SECTION 1003 AND 1008 OF THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL NOT OPERATE ANY WATER MAIN VALVES ON THE EXISTING WATER SYSTEM.
- ALL WATER HOUSE CONNECTIONS SHALL BE FOR INSIDE-METER SETTING, UNLESS OTHERWISE NOTED ON THE PLANS OR IN THE SPECIFICATIONS. (STD. DETAIL W.3.21).
- WATER MAINS AND WATER HOUSE CONNECTION LINES MUST BE PLACED SO AS TO HAVE AT LEAST ONE (1) FOOT SEPARATION FROM THE SEWER MAIN OR SEWER HOUSE CONNECTION AS THEY PASS ABOUT IT.
- MANHOLES DESIGNATED M.T. IN PLAN AND PROFILE SHALL HAVE WATER-TIGHT FRAME AND COVERS STANDARD DETAIL GS.52 WHERE WATER-TIGHT MANHOLE FRAME AND COVER IS USED, SET TOP OF FRAME 1'-6" ABOVE FINISHED GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- ALL SEWER MAINS SHALL BE C.S.P.X., R.C.S.P., V.C.P.X., A.C.P. CLASS 2400 OR P.V.C. UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITHIN 2'-0" OF EXTERIOR MANHOLE WALL.
- ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- MANHOLES SHOWN WITH 12" AND 16" WALLS ARE FOR BRICK MANHOLES ONLY.
- MANHOLES LOCATED WITHIN PROPOSED ROADWAY SHALL HAVE STANDARD HEAVY TRAFFIC MANHOLE FRAME AND COVER, STANDARD DETAIL GS.51.
- ALL D.I.P. FITTINGS SHALL BE IN ACCORDANCE WITH AWMA SPECIFICATION C-153: DUCTILE IRON COMPACT FITTINGS, 3-INCH THROUGH 12-INCH FOR WATER & OTHER LIQUIDS.



TYPE OF BUILDING	RESIDENTIAL
NUMBER OF LOTS	34
NO. OF WATER HOUSE CONNECTIONS	34
NO. OF SEWER HOUSE CONNECTIONS	34
DRAINAGE AREA	147,000

VICINITY MAP
SCALE: 1"=600'

CONTRACT NO. 14-1839-D
ROCKBURN TOWNSHIP
SECTION 1 AREA 2
WATER AND SEWER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS

SEDIMENT CONTROL MEASURES FOR THIS CONTRACT WILL BE IMPLEMENTED IN ACCORDANCE WITH SECTION 219 OF THE HOWARD COUNTY DESIGN MANUAL AND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL IN DEVELOPING AREAS AND ALSO AS SHOWN ON THE GRADING AND SEDIMENT CONTROL PLAN F85-273

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

Ronnie Huber 3/1/89
US SOIL CONSERVATION SERVICE DATE

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

APPROVED:
Steph...
HOWARD SOIL CONSERVATION DISTRICT DATE

PLAN REFERENCE NUMBERS:
P 87 - 58
F 88 - 273

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
DIRECTOR OF PUBLIC WORKS DATE
CHIEF, BUREAU OF UTILITIES DATE

FISHER, COLLINS, AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043
DATE 4/9/88

DES. D.B.	
JRN. D.B.	
CHK. T.A.F.	
DATE 4/9/88	

TITLE SHEET
600' SCALE MAP NO. 31.37
BLOCK NO.

ROCKBURN TOWNSHIP
SECTION 1, AREA 2
CONTRACT NO. 14-1839-D
FIRST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

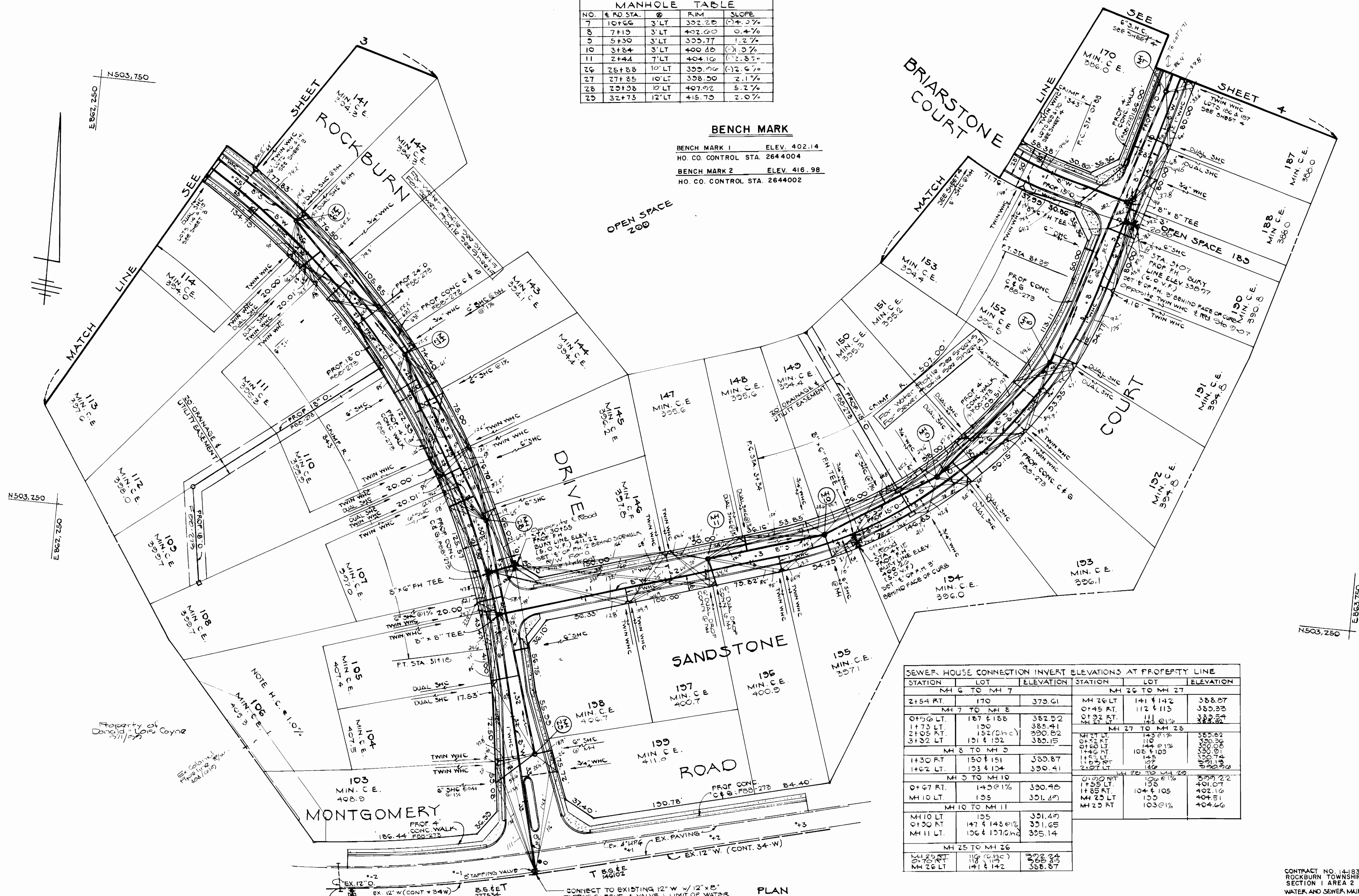
SCALE AS SHOWN
SHEET 1 OF 7

AS-BUILT 2/21/90

NO.	± RO STA.	Ø	RIM	SLOPE
7	10+66	3'LT	392.20	(+) 0.2%
8	7+19	3'LT	402.00	0.4%
9	5+30	3'LT	399.77	(-) 0.2%
10	3+84	3'LT	400.40	(-) 0.9%
11	2+44	7'LT	404.10	(-) 2.8%
26	25+88	10'LT	399.90	(-) 2.6%
27	27+85	10'LT	398.50	2.1%
28	29+38	10'LT	407.92	5.2%
29	32+73	12'LT	415.70	2.0%

BENCH MARK

BENCH MARK 1 ELEV. 402.14
 HO. CO. CONTROL STA. 2644004
 BENCH MARK 2 ELEV. 416.98
 HO. CO. CONTROL STA. 2644002



SEWER HOUSE CONNECTION INVERT ELEVATIONS AT PROPERTY LINE					
STATION	LOT	ELEVATION	STATION	LOT	ELEVATION
MH 6 TO MH 7			MH 26 TO MH 27		
2+54 RT.	170	379.61	MH 26 LT	141 & 142	388.07
MH 7 TO MH 8			0+45 RT.	112 & 113	385.33
0+56 LT.	187 & 188	382.52	0+92 RT.	111 @ 1%	388.82
1+73 LT.	190	385.41	MH 27 TO MH 28		
2+05 RT.	152 (chc)	390.82	MH 27 LT.	143 @ 1%	385.82
3+32 LT.	191 & 192	385.15	0+52 RT.	110	380.38
MH 8 TO MH 9			0+60 LT.	144 @ 1%	380.08
1+30 RT.	150 & 151	389.87	1+46 RT.	108 & 109	390.91
1+62 LT.	193 & 194	390.41	1+52 LT.	145	390.74
MH 9 TO MH 10			1+59 RT.	107	391.18
0+67 RT.	149 @ 1%	390.46	2+27 LT.	146	390.80
MH 10 LT.	195	391.40	MH 28 TO MH 29		
MH 10 TO MH 11			0+20 RT.	106 @ 1%	399.22
MH 10 LT.	195	391.40	1+55 LT.	198	401.07
0+50 RT.	147 & 148 @ 1%	391.65	1+85 RT.	104 & 105	402.10
MH 11 LT.	196 & 197 (chc)	395.14	MH 25 LT.	135	404.51
MH 25 TO MH 26			MH 25 RT.	103 @ 1%	404.66
MH 25 RT.	199 (chc)	392.24			
0+70 RT.	149 & 149	385.19			
MH 26 LT.	141 & 142	388.07			

CONNECT TO EXISTING 12" W/W 12" x 2" TAPPING SLEEVE & VALVE 3' LIMIT OF WATER MAIN CONSTRUCTION THIS CONTRACT

PLAN SCALE: 1" = 50'

CONTRACT NO. 14-1839-D
 ROCKBURN TOWNSHIP
 SECTION 1 AREA 2
 WATER AND SEWER MAIN EXTENSIONS
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

James M. ... 3-27-89
 DIRECTOR OF PUBLIC WORKS DATE

Ruth V. ... 3-27-89
 CHIEF BUREAU OF UTILITIES DATE

FISHER, COLLINS, AND CARTER, INC.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043

... 3-6-89
 CHIEF BUREAU OF ENGINEERING DATE

... 3/5/89
 CHIEF, LAND DEVELOPMENT DIVISION DATE

DES:	D.B.		
DRN:	D.B.		
CHK:	T.A.F.		
DATE:	4/9/88	BY:	NO.
REVISION:		DATE:	

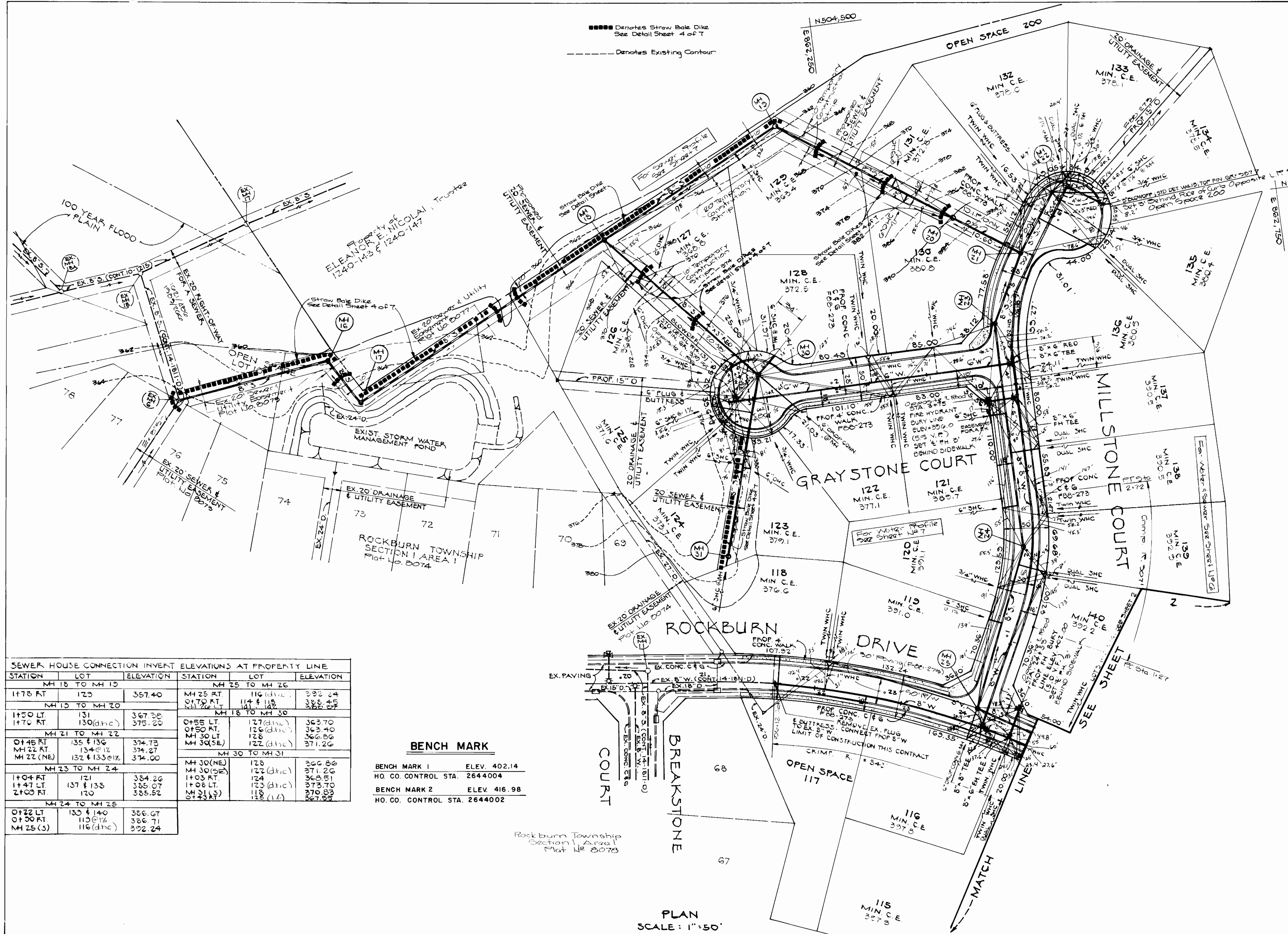
PLAN
 WATER & SEWER MAIN

ROCKBURN TOWNSHIP
 SECTION 1, AREA 2
 CONTRACT NO. 14-1839-D
 FIRST ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
 SHEET 2 OF 7

AS-BUILT: 2/21/90

MANHOLE TABLE					
NO.	LRD STA	Ø	RIM	SLOPE	
16	SET RIM 1'-6" ABOVE EX. GROUND				
17	SET RIM 1'-6" ABOVE EX. GROUND				
18	SET RIM 1'-6" ABOVE EX. GROUND				
19	SET RIM 1'-6" ABOVE EX. GROUND				
20	SET RIM 1'-6" ABOVE EX. GROUND				
21	5+40	3' LT	391.87	(-) 4.0%	
22	---	---	388.67	4.0%	
23	4+55	10' LT	394.21	(-) 1.0%	
24	2+04	3' LT	397.18	(-) 0.3%	
25	2+06	12' LT	400.20	2.0%	
30	---	---	380.97	7.1%	
31	SET RIM 1'-6" ABOVE EX. GROUND				



SEWER HOUSE CONNECTION INVERT ELEVATIONS AT PROPERTY LINE					
STATION	LOT	ELEVATION	STATION	LOT	ELEVATION
MH 18 TO MH 19					
1+78 RT	123	357.40	MH 25 RT	116 (dnc)	392.24
			0+70 RT	114 & 115	388.45
MH 19 TO MH 20					
1+50 LT	131	367.38	MH 18 TO MH 30		
1+70 RT	130 (dnc)	375.20	0+55 LT	127 (dnc)	363.70
MH 21 TO MH 22					
0+46 RT	135 & 136	374.73	MH 30 LT	126 (dnc)	366.86
MH 22 RT	134 @ 1%	374.27	MH 30 (SE)	122 (dnc)	371.26
MH 22 (NE)	132 & 133 @ 1%	374.00	MH 30 TO MH 31		
MH 23 TO MH 24					
1+04 RT	121	384.26	MH 30 (NE)	128	366.86
1+47 LT	137 & 138	385.07	MH 30 (SE)	127 (dnc)	371.26
2+03 RT	120	388.52	1+03 RT	124	368.51
MH 24 TO MH 25					
0+22 LT	130 & 140	386.67	1+08 LT	123 (dnc)	373.70
0+30 RT	113 @ 1%	386.71	MH 31 (S)	118	370.83
MH 25 (S)	116 (dnc)	392.24	0+43 RT	128 (14)	367.85

BENCH MARK

BENCH MARK 1	ELEV. 402.14
HO. CO. CONTROL STA. 2644004	
BENCH MARK 2	ELEV. 416.98
HO. CO. CONTROL STA. 2644002	

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

[Signature]
DIRECTOR OF PUBLIC WORKS
DATE: 2-27-89

[Signature]
CHIEF, BUREAU OF UTILITIES
DATE: 3/5/89

FISHER, COLLINS, AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043

[Signature]
DATE: 4/9/88

DES.	DRN.	CHK.	DATE	BY	NO.	REVISION	DATE
D.B.	D.B.	T.A.F.	4/9/88				

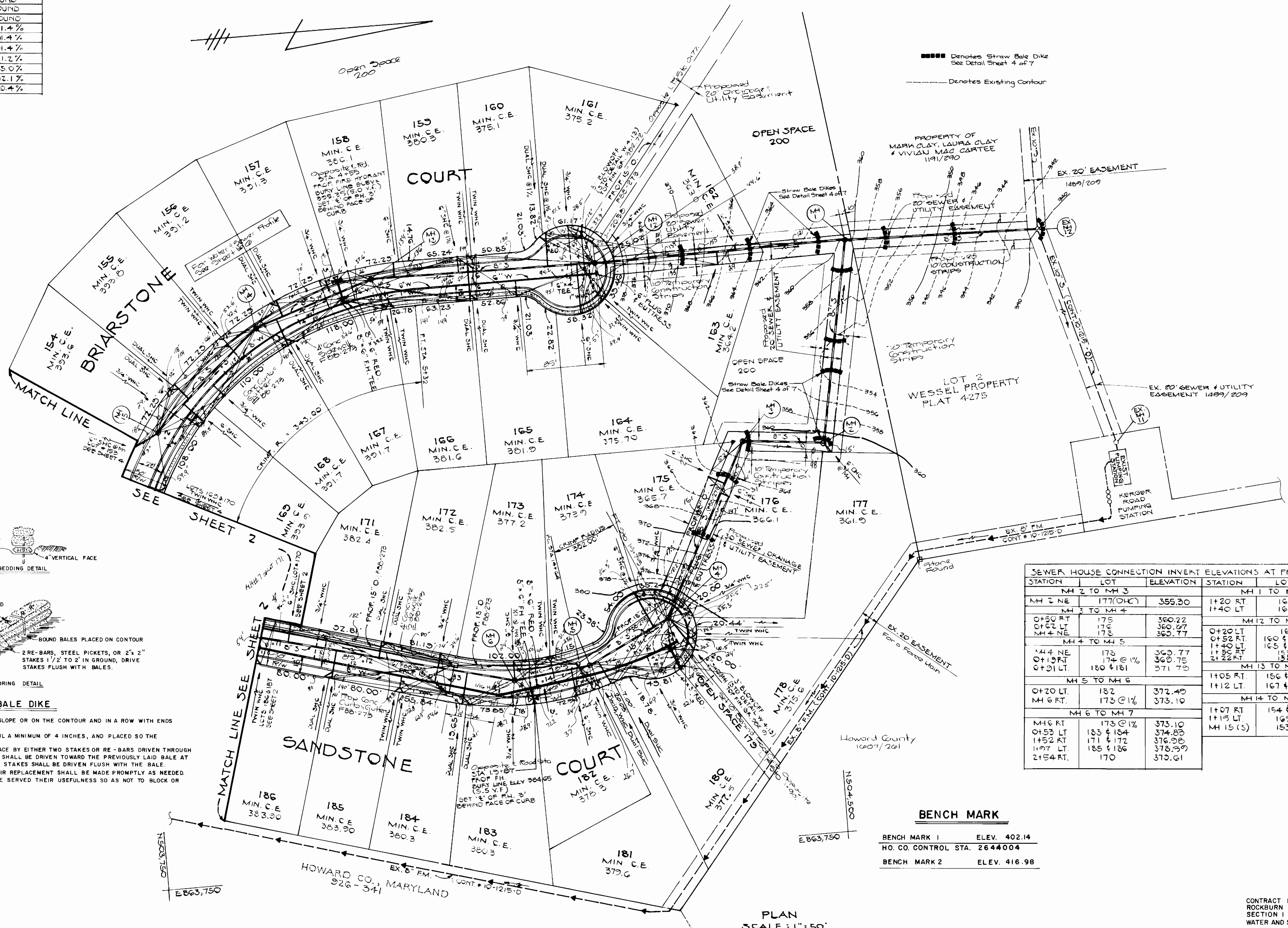
PLAN
WATER & SEWER MAIN

ROCKBURN TOWNSHIP
SECTION 1, AREA 2
CONTRACT NO. 14-1839-D
FIRST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 3 OF 7

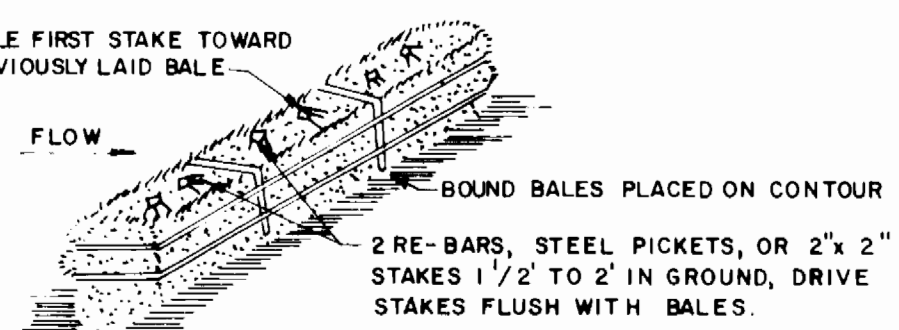
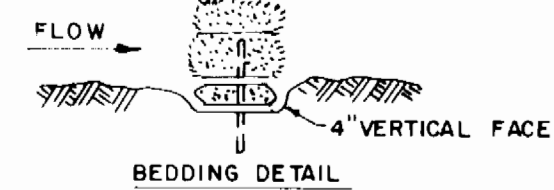
2/21/90 2/21/90

NO.	END STA.	Ø	RIM	SLOPE
1	SET RIM	1'-0"	ABOVE EX. GROUND	
2	SET RIM	1'-0"	ABOVE EX. GROUND	
3	SET RIM	1'-0"	ABOVE EX. GROUND	
4			380.0	(-11.4%)
5	14+55	3' LT	383.36	(-11.4%)
6	13+70	3' LT	384.55	(-11.4%)
12			382.55	1.2%
13	4+80	10' LT	393.14	(-15.0%)
14	3+55	10' LT	398.32	(-2.1%)
15	2+02	0' LT	399.66	0.4%



■■■■ Denotes Straw Bale Dike See Detail Sheet 4 of 7
 - - - - - Denotes Existing Contour

E 863,000
 N 503,500



STRAW BALE DIKE

- BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
- EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4 INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
- BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
- INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

SEWER HOUSE CONNECTION INVERT ELEVATIONS AT PROPERTY LINE					
STATION	LOT	ELEVATION	STATION	LOT	ELEVATION
MH 2 TO MH 3			MH 1 TO MH 12		
MH 2 NE	177(DHC)	355.30	1+20 RT	162	357.68
MH 3 TO MH 4			1+40 LT	163	359.18
0+50 RT	175	360.22	MH 12 TO MH 13		
0+62 LT	176	360.67	0+20 LT	164	370.11
MH 4 NE	173	360.77	1+40 LT	165 & 166	371.14
MH 4 TO MH 5			1+50 RT	165 @ 1%	376.33
1+44 NE	173	369.77	2+22 RT	168	380.46
0+15 RT	174 @ 1%	369.75	MH 13 TO MH 14		
0+31 LT	180 & 181	371.70	1+05 RT	156 & 157	385.70
MH 5 TO MH 6			1+12 LT	167 & 168	386.28
0+20 LT	182	372.49	MH 14 TO MH 15		
MH 6 RT	173 @ 1%	373.10	1+07 RT	154 & 155	388.19
MH 6 TO MH 7			1+15 LT	169	388.39
MH 6 RT	173 @ 1%	373.10	MH 15 (S)	153	388.32
0+53 LT	183 & 184	374.83			
1+52 RT	171 & 172	376.26			
1+07 LT	185 & 186	378.59			
2+54 RT	170	379.61			

BENCH MARK

BENCH MARK 1	ELEV. 402.14
HO. CO. CONTROL STA. 2644004	
BENCH MARK 2	ELEV. 416.98

PLAN SCALE: 1" = 50'

CONTRACT NO. 14-1839-D
 ROCKBURN TOWNSHIP
 SECTION 1, AREA 2
 WATER AND SEWER MAIN EXTENSIONS
 HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

[Signature]
 DIRECTOR OF PUBLIC WORKS
 DATE: 3/27/89

[Signature]
 CHIEF, BUREAU OF UTILITIES
 DATE: 2/27/89

FISHER, COLLINS, AND CARTER, INC.
 CONSULTING ENGINEERS AND LAND SURVEYORS
 8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043

[Signature]
 DATE: 6/9/88

DES: D.B.	
DRN: D.B.	
CHK: T.A.F.	
DATE: 6/9/88	BY NO.
	REVISION
	DATE

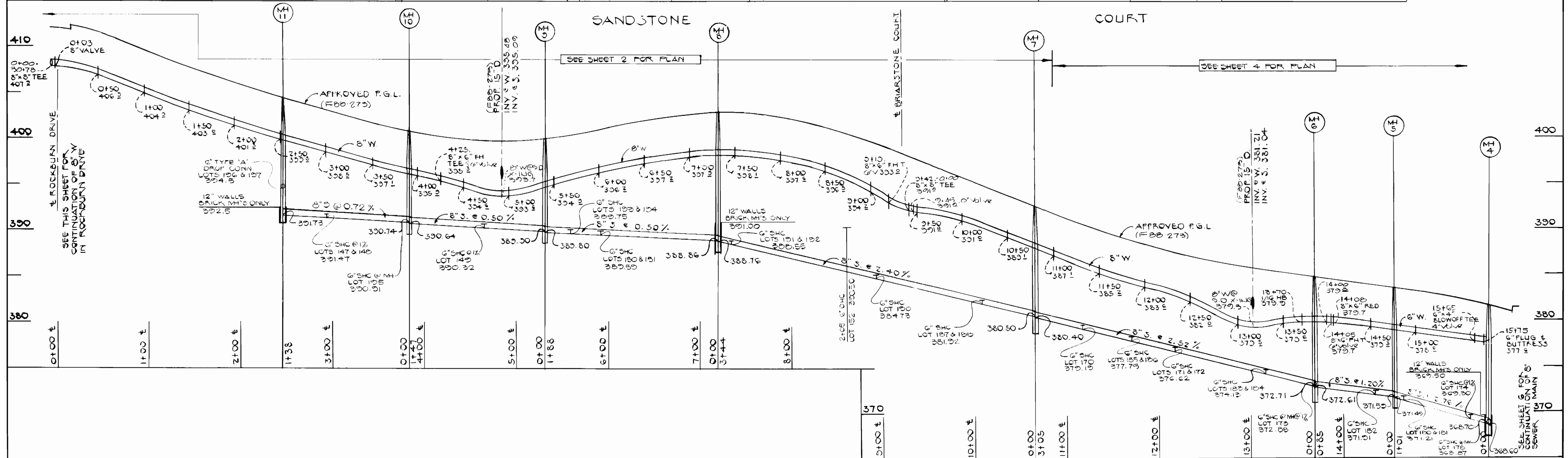
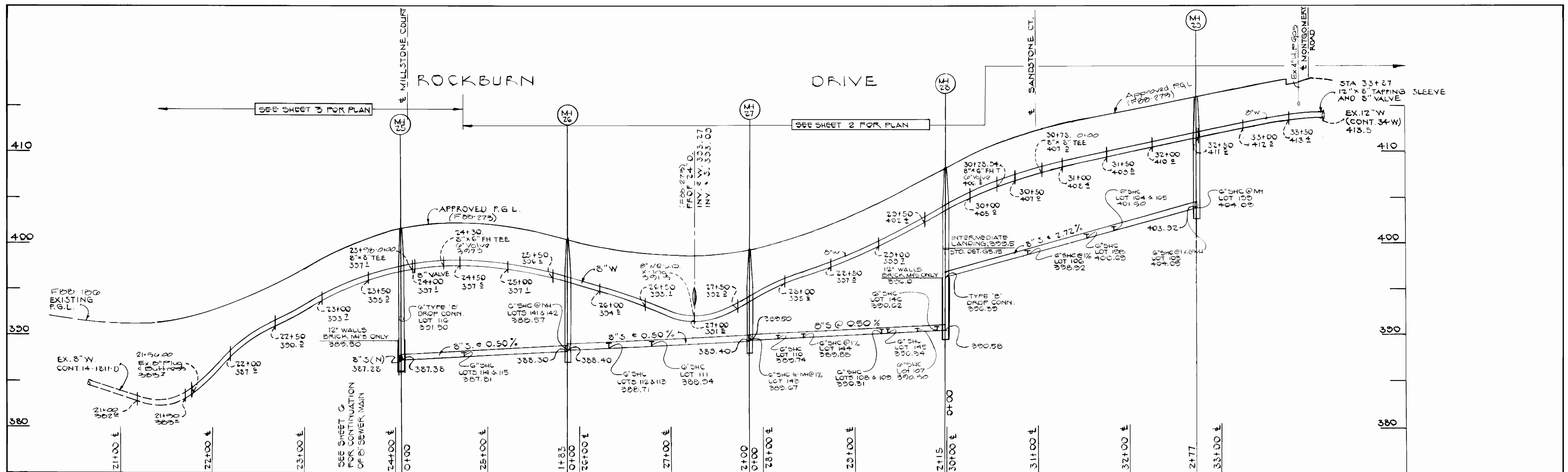
PLAN
 WATER & SEWER MAIN

600' SCALE MAP NO. 31 & 37 BLOCK NO.

ROCKBURN TOWNSHIP
 SECTION 1, AREA 2
 CONTRACT NO. 14-1839-D
 FIRST ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
 SHEET 4 OF 7

AS-BUILT 2/21/90



PROFILES
SCALE: VERT. 1"=20'

CONTRACT NO. 14-1839-D
ROCKBURN TOWNSHIP
SECTION 1, AREA 2
WATER AND SEWER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
3/2/89
3-6-89
3/3/89

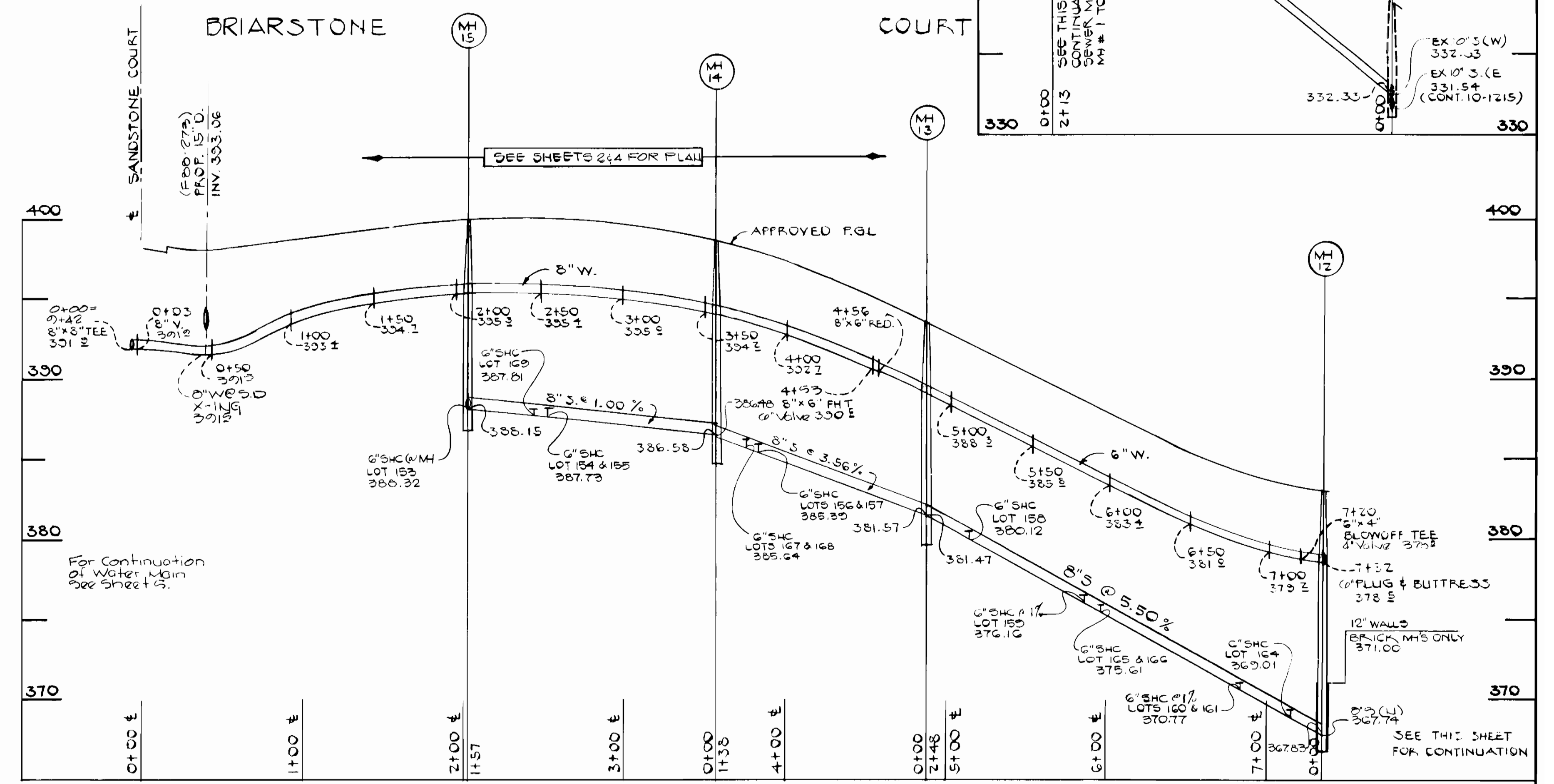
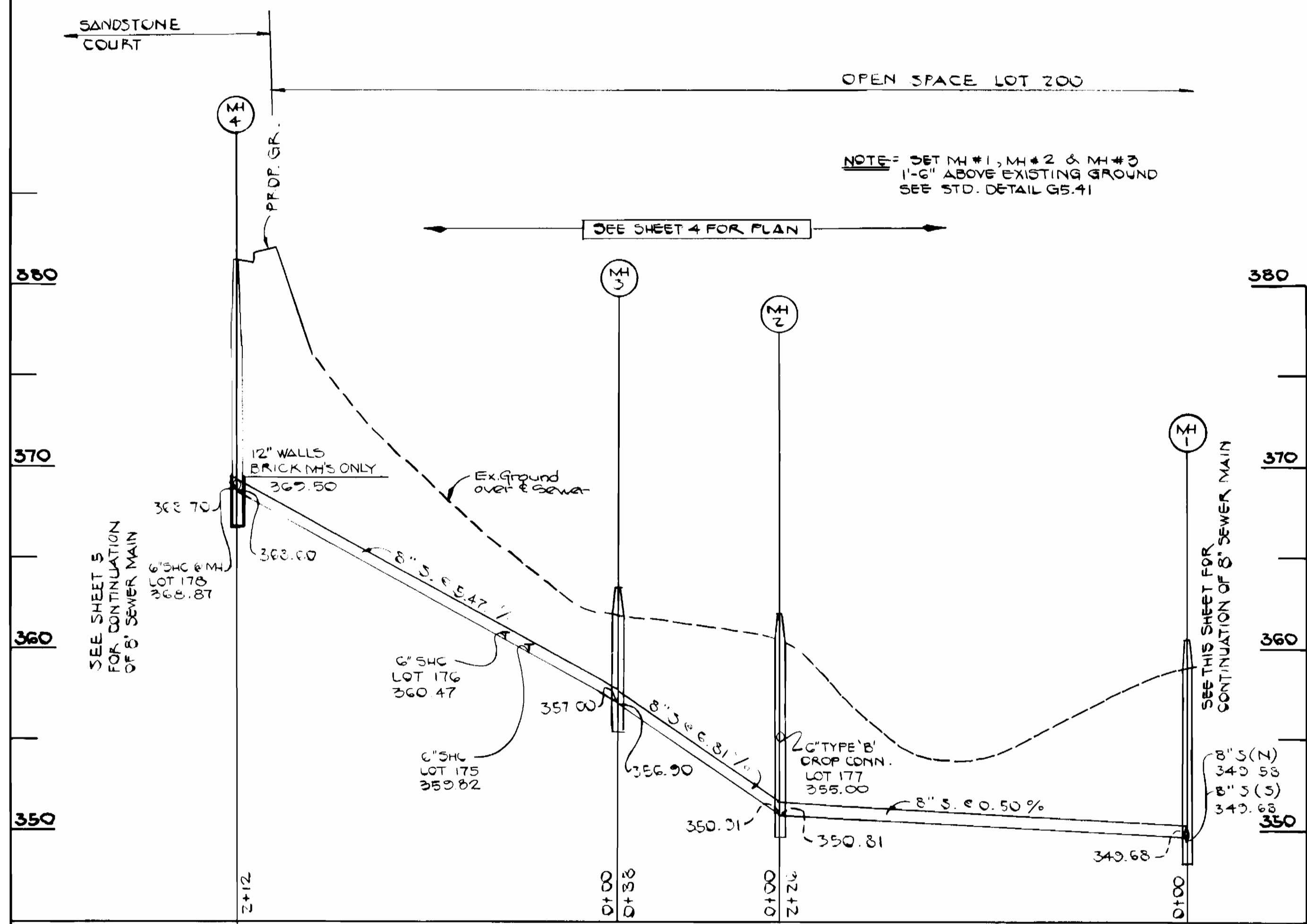
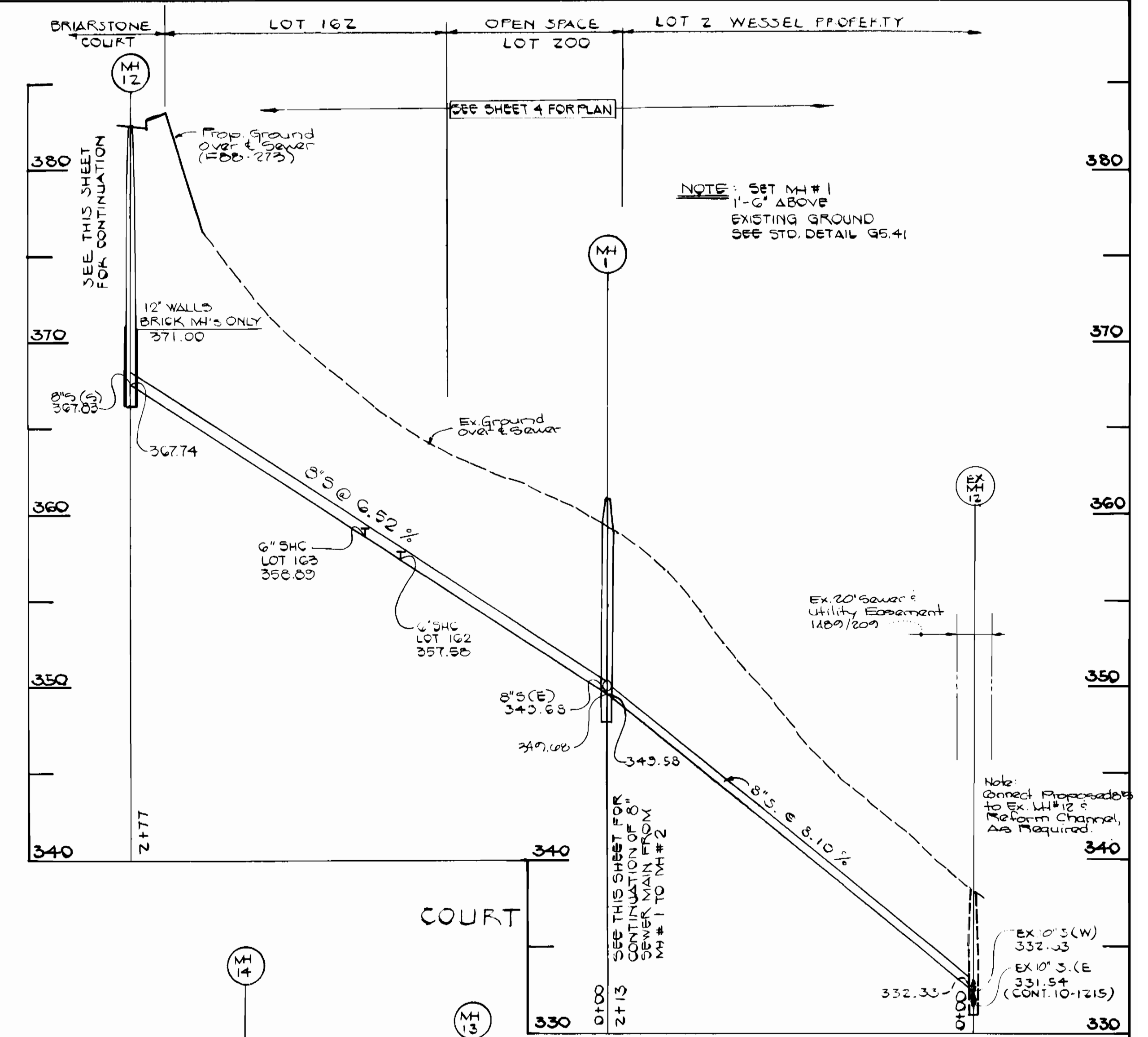
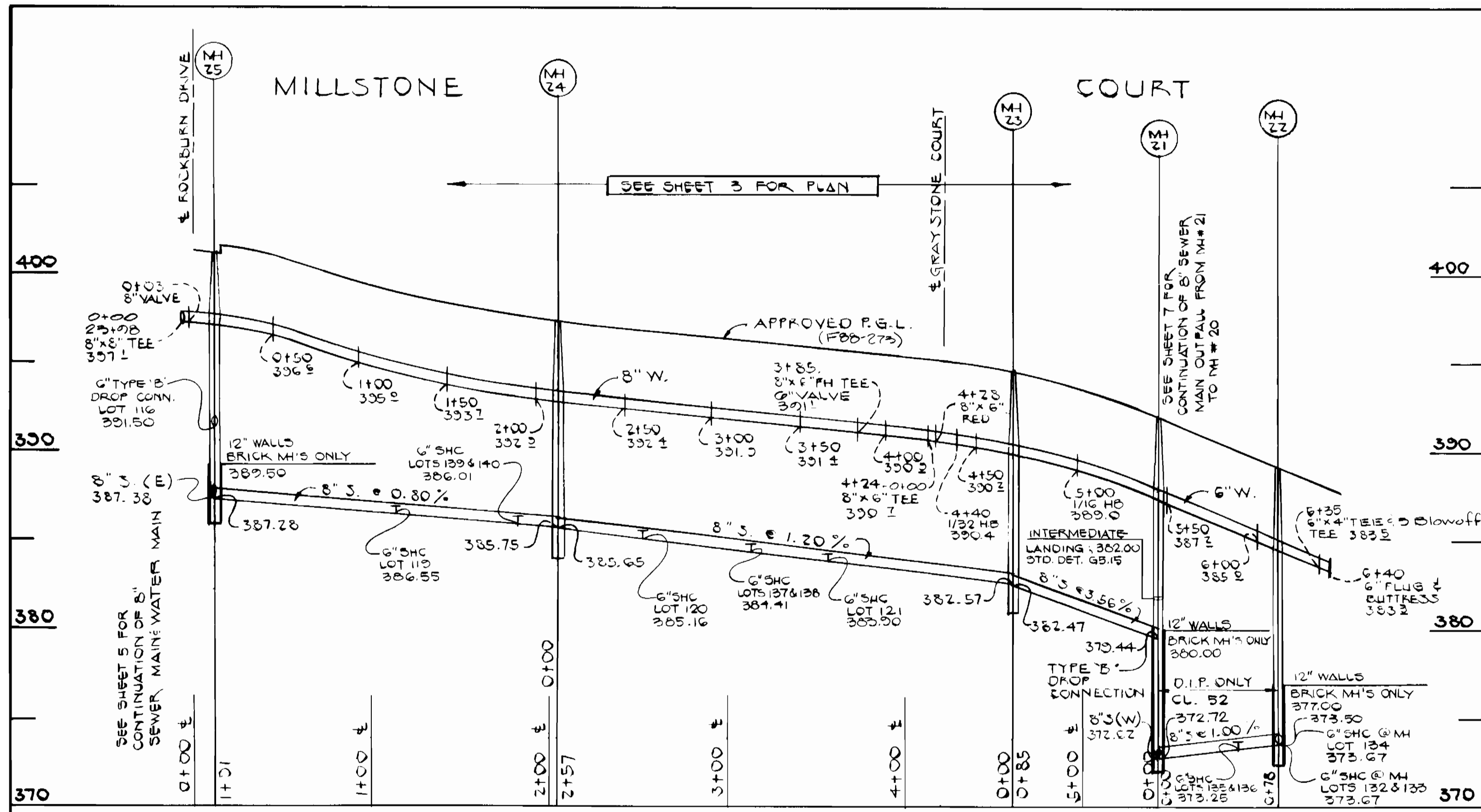
FISHER, COLLINS, AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043

DES: D.B.	
DRN: D.B.	
CHK: T.A.F.	
DATE: 4/9/88	BY NO.
REVISION	DATE

PROFILES
WATER & SEWER MAIN

ROCKBURN TOWNSHIP
SECTION 1, AREA 2
CONTRACT NO. 14-1839-D
FIRST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 5 OF 7



PROFILES
SCALE: HORIZ. 1"=50'
VERT. 1"=5'

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
3/1/89
3/3/89

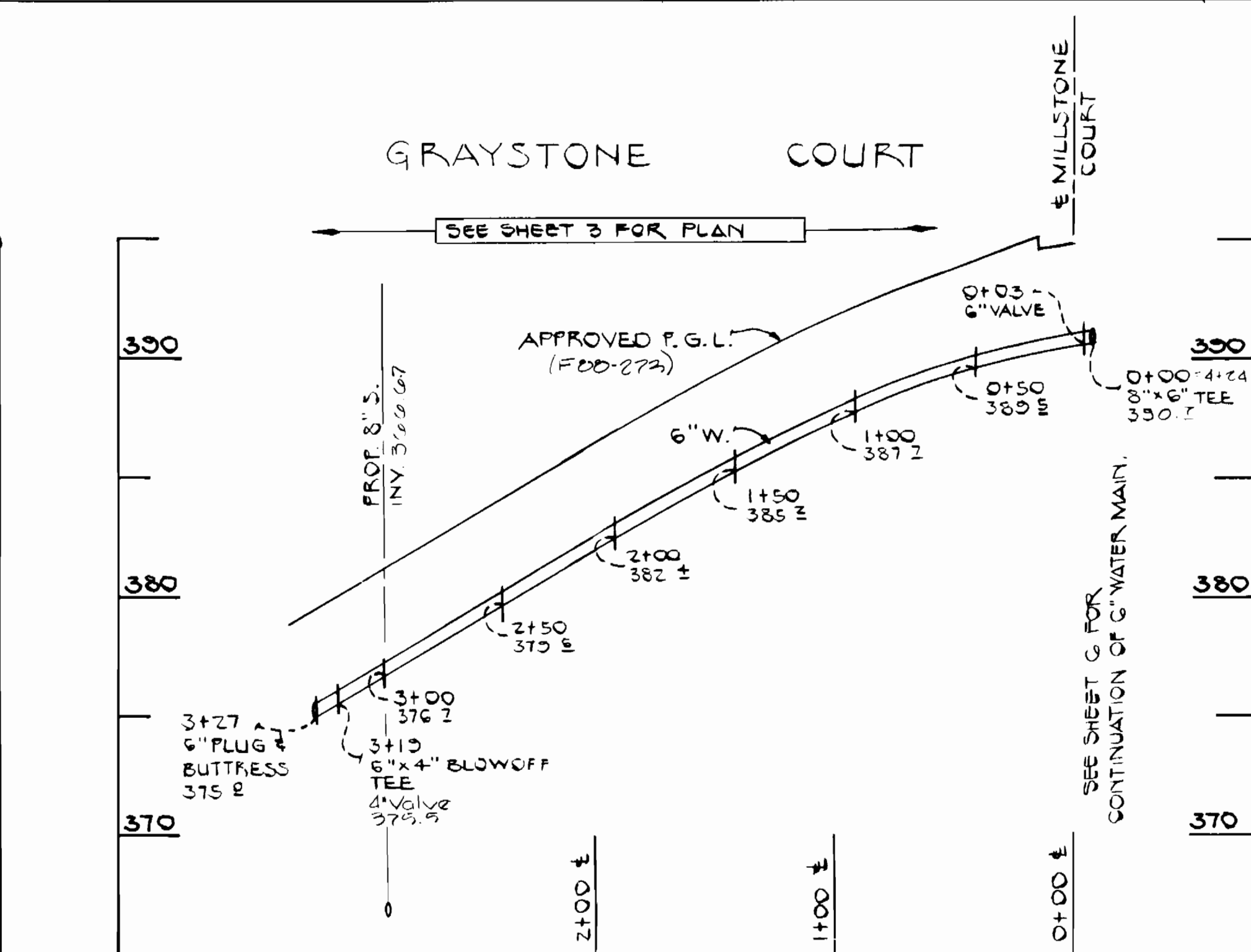
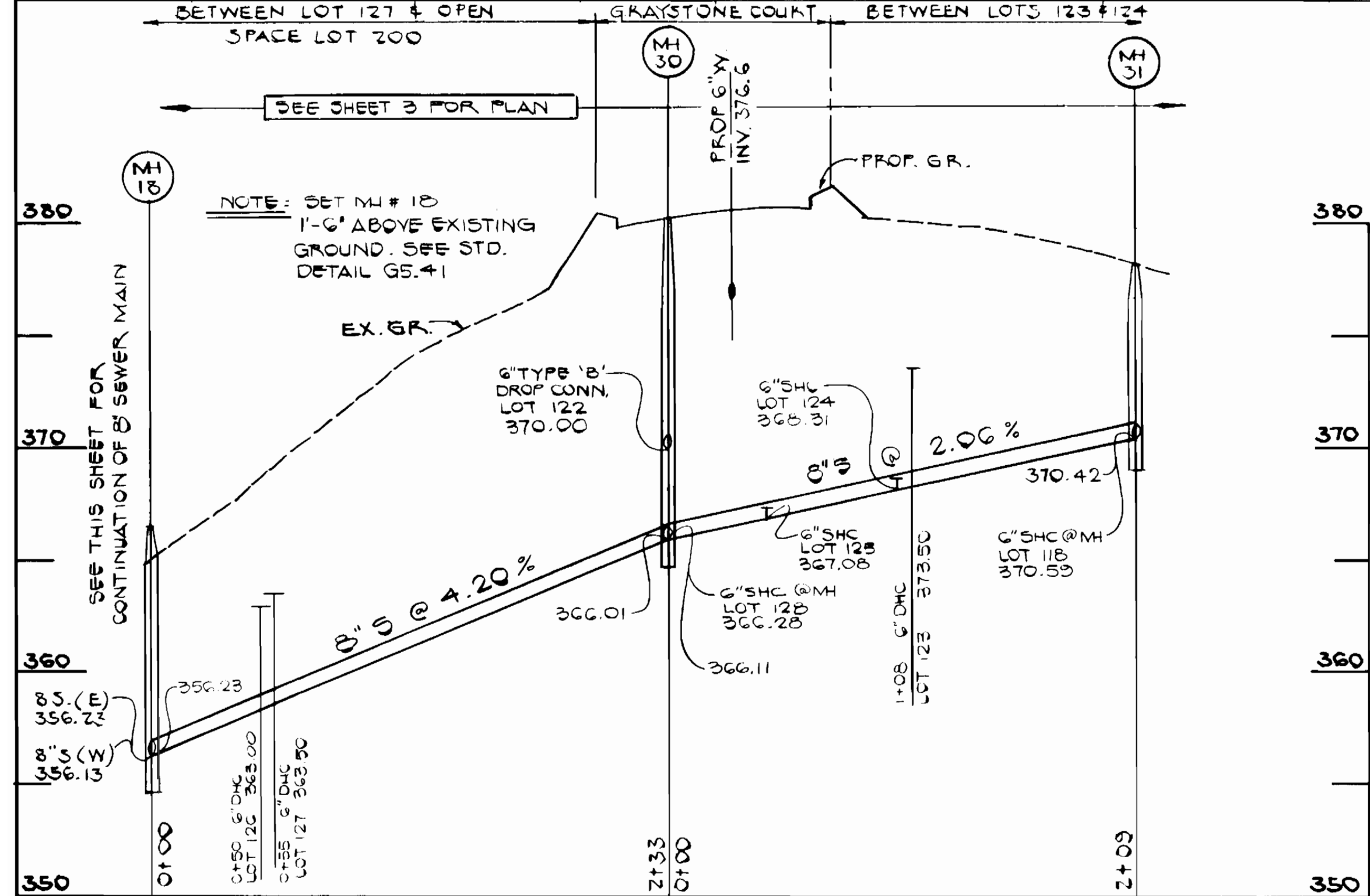
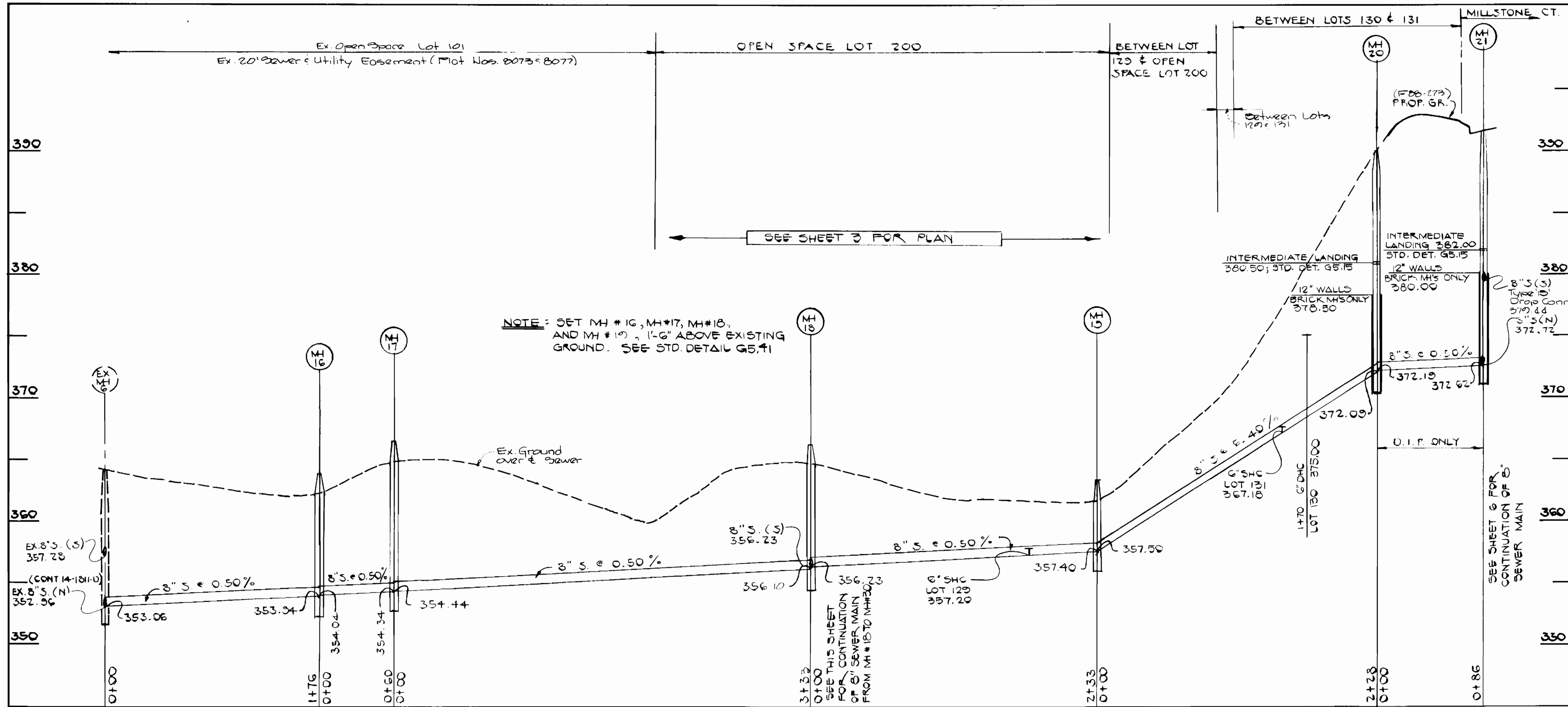
FISHER, COLLINS, AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043

DES: D.B.			
DRN: D.B.			
CHK: T.A.F.			
DATE: 6/9/88	BY NO.	REVISION	DATE

PROFILES
WATER & SEWER MAIN

ROCKBURN TOWNSHIP
SECTION 1, AREA 2
CONTRACT NO. 14-1839-D
FIRST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 6 OF 7



PROFILES
SCALE: HORIZ. 1" = 50'
VERT. 1" = 5'

CONTRACT NO. 14-1839-D
ROCKBURN TOWNSHIP
SECTION 1, AREA 2
WATER AND SEWER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

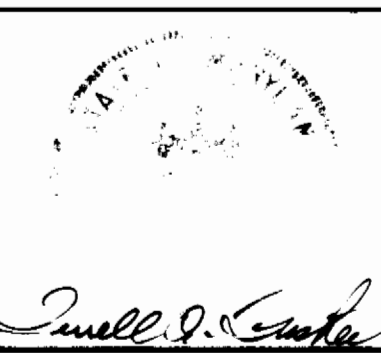
James M. Lewis 3/7/89
DIRECTOR OF PUBLIC WORKS DATE

Robert W. Benjamin 2-27-89
CHIEF, BUREAU OF UTILITIES DATE

William J. ... 3-6-89
CHIEF, BUREAU OF ENGINEERING DATE

... 3/3/89
CHIEF, LAND DEVELOPMENT DIVISION DATE

FISHER, COLLINS, AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043



DES: D.B.			
DRN: D.B.			
CHK: T.A.F.			
DATE: 4/9/88	BY: NO.	REVISION	DATE

PROFILES
WATER & SEWER MAIN

600' SCALE MAP NO. _____ BLOCK NO. _____

ROCKBURN TOWNSHIP
SECTION 1, AREA 2
CONTRACT NO. 14-1839-D
FIRST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 7 OF 7