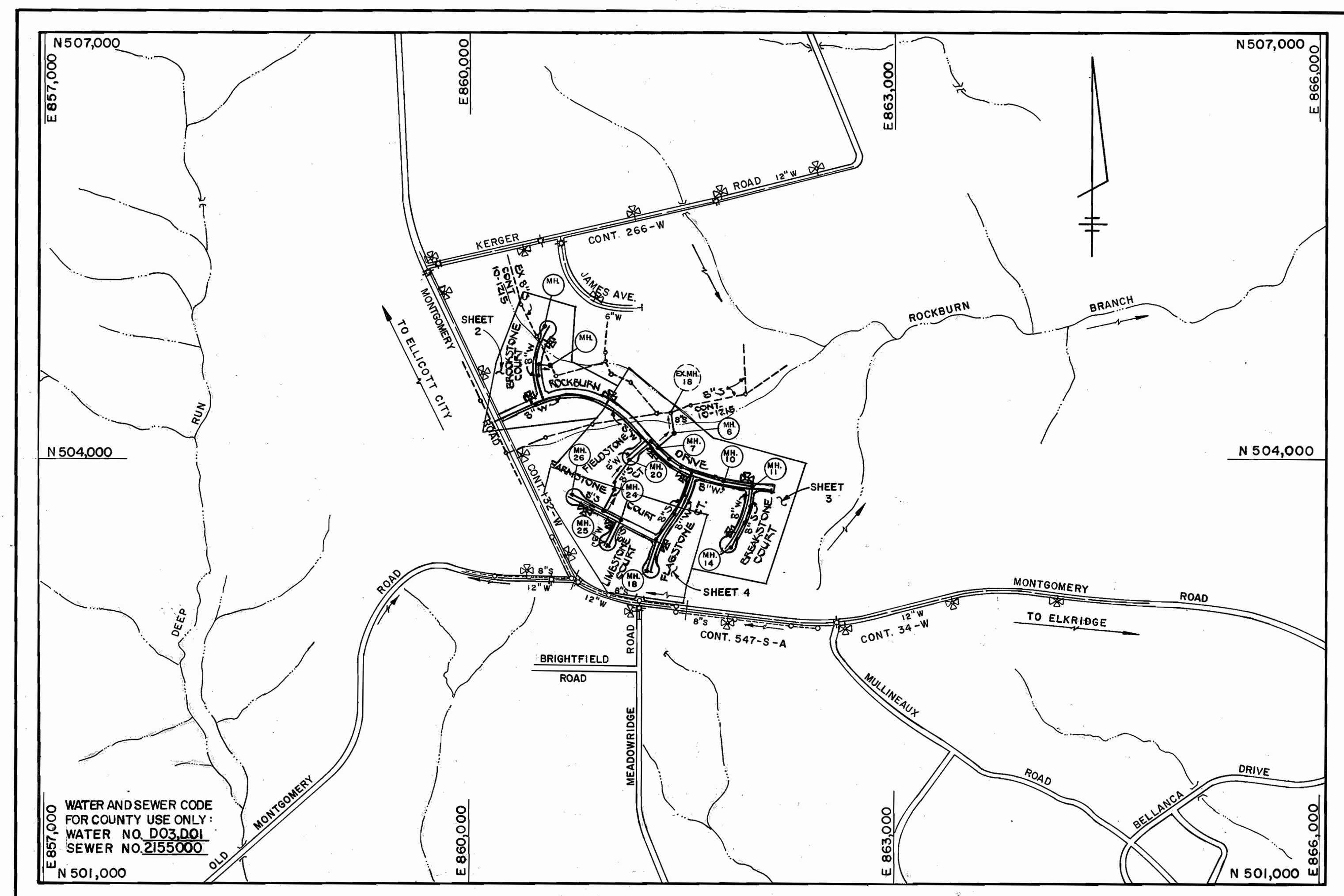


QUANTITIES			
ITEM	EST'D	AS-BUILT	SUPPLIER
8" SEWER	2818 LF	3716 LF	American Pipe
MANHOLES	25 EA.	25 EA.	Atlantic Concrete
6" SHC	2270 LF	2287 LF	American Pipe
8" WATER	4181 LF	4191 LF	Atlantic States
6" WATER	1104 LF	1070 LF	"
FIRE HYD.	10 EA.	10	"
8" S (D.I.P.)	152 LF	160 LF	Atlantic States
1' OUTSIDE METERS	6 EA.	6	Cambridge Lee
1" WVC	915 LF	768 LF	"
3/4" WVC	1410 LF	1655 LF	"
8" VALVE	5 EA.	5	M&H Valve
6" VALVE	2 EA.	12	"
12" S TAPPING SLEEVE & VALVE	1 EA.	1	"
8" x 6" F.E.D.	4 EA.	4	Atlantic States
8" x 6" SADDLE	11 EA.	9	Ford

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 MARYLAND STATE COORDINATES.
- 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 W.T. IN PLAN AND PROFILE SHALL HAVE WATER-TIGHT FRAME AND COVERS STANDARD DETAIL 65.52 WHERE WATERTIGHT 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 65.51.
- ALL D.I.P. FITTINGS SHALL BE IN ACCORDANCE WITH ANWMA SPECIFICATION C-153: DUCTILE IRON COMPACT FITTINGS, 3-INCH THROUGH 12-INCH FOR WATER & OTHER LIQUIDS.



TYPE OF BUILDING	RESIDENTIAL
NUMBER OF LOTS	102 (98 BUILDABLE)
NO. OF WATER HOUSE CONNECTIONS	98
NO. OF SEWER HOUSE CONNECTIONS	98
DRAINAGE AREA	1.67 AC

SCALE: 1" = 600'

CONTRACT NO. 14-1811-D
ROCKBURN TOWNSHIP
SECTION 1 AREA 1
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 F88-186

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

James M. McOmie 7/7/88
 SOIL CONSERVATION SERVICE DATE

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

John A. Hunter 7/7/88
 HOWARD SOIL CONSERVATION DISTRICT DATE

PLAN REFERENCE NUMBERS:
P-87-58
F-88-186

Howard County Bureau of Engineering
 Survey, Drafting, Design
 Public Works Annex
 11226 Route 216
 Laurel, MD 20707

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

James M. McOmie 7/8/88
 DIRECTOR OF PUBLIC WORKS DATE

Terrell A. Fisher 7-8-88
 CHIEF, BUREAU OF ENGINEERING DATE

Michael A. Reynolds 7/8/88
 CHIEF, BUREAU OF UTILITIES DATE

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

Terrell A. Fisher
 REGISTERED PROFESSIONAL ENGINEER
 DATE: 8/1/88

DES: D.B.S.	
DRN: D.B.S.	
CHK: T.A.F.	
DATE: 8/1/88	
BY NO.	
REVISION	
DATE	

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

ROCKBURN TOWNSHIP
SECTION 1, AREA 1
CONTRACT NO. 14-1811-D
FIRST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

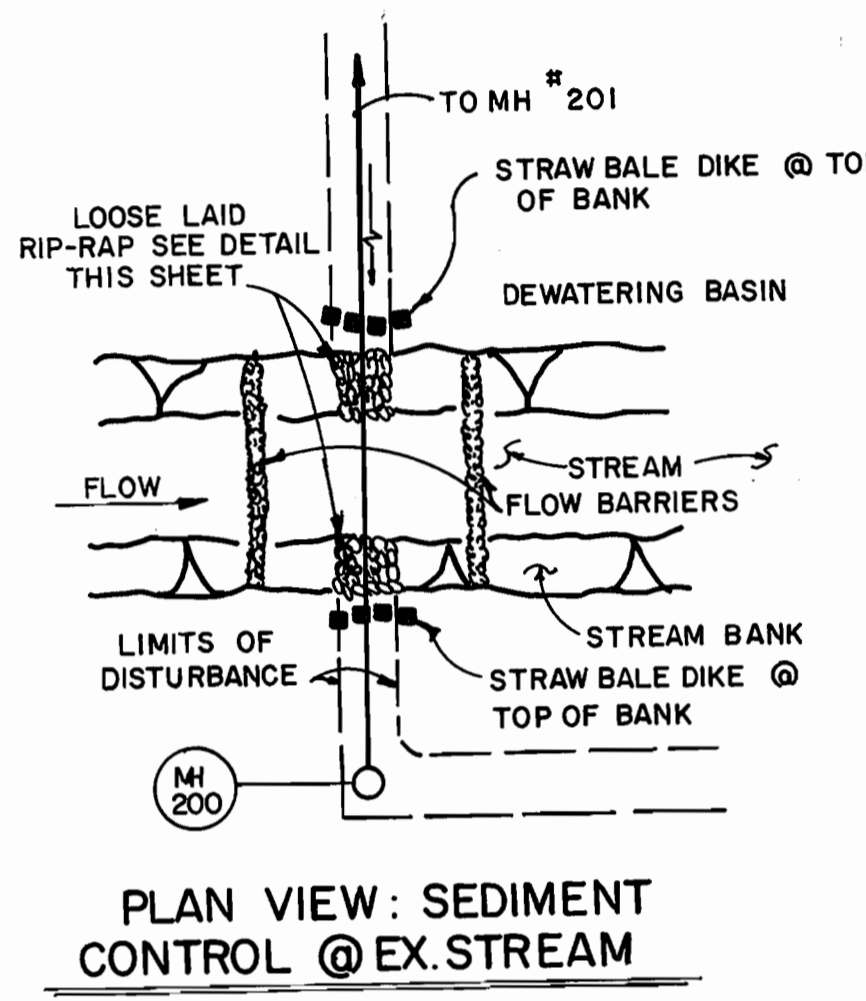
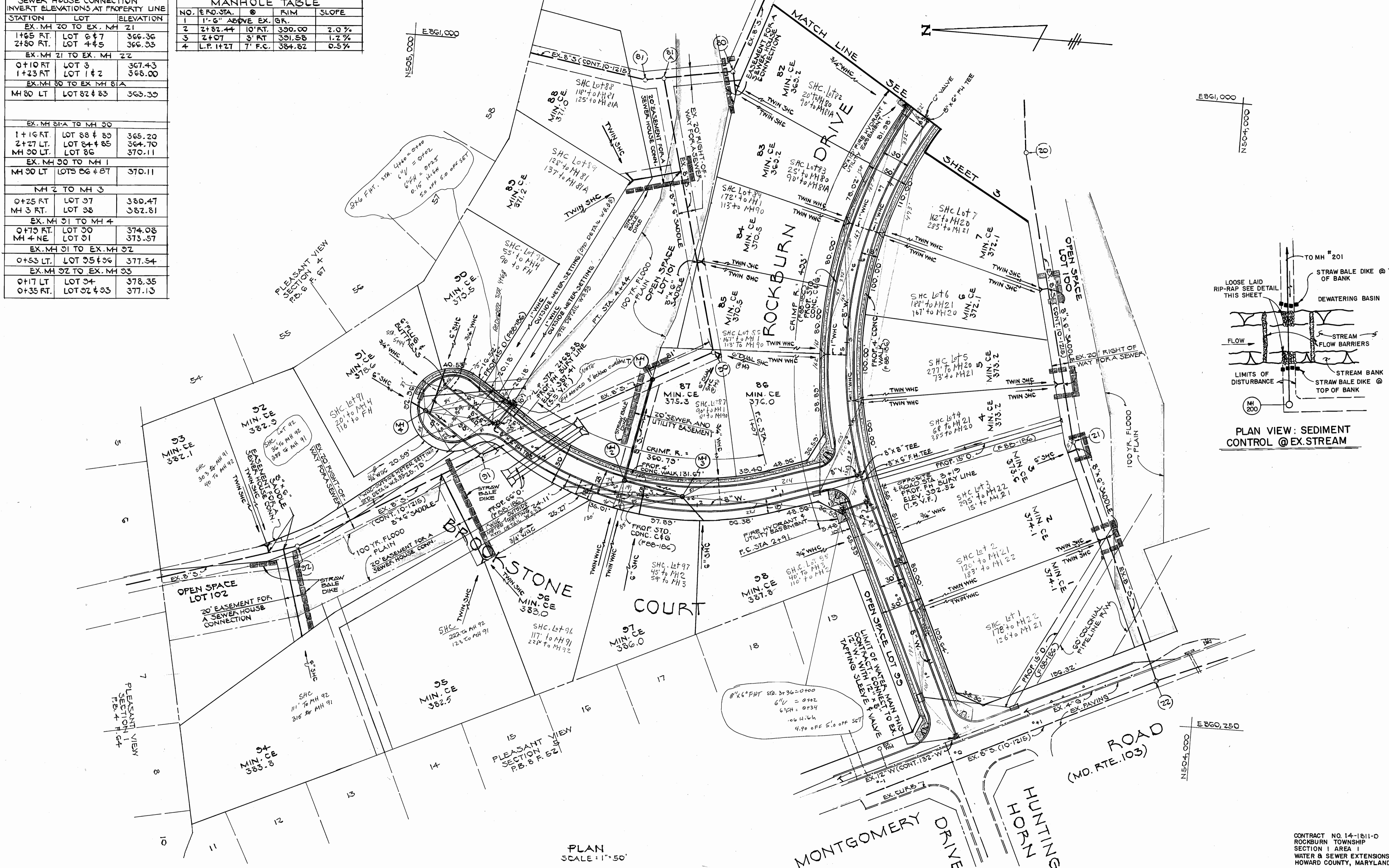
SCALE AS SHOWN
SHEET 1 OF 7

CONTRACT NO. 14-1811-D
 ROCKBURN TOWNSHIP
 SECTION 1 AREA 1
 WATER & SEWER EXTENSIONS
 HOWARD COUNTY, MARYLAND

AS-BUILT 12/29/89

STATION	LOT	ELEVATION
SEWER HOUSE CONNECTION INVERT ELEVATIONS AT PROPERTY LINE		
EX. MH 20 TO EX. MH 21		
1+65 RT.	LOT 6 & 7	366.36
2+80 RT.	LOT 4 & 5	366.35
EX. MH 21 TO EX. MH 22		
0+10 RT.	LOT 3	367.43
1+23 RT.	LOT 1 & 2	368.00
EX. MH 80 TO EX. MH 81A		
MH 80 LT.	LOT 82 & 83	363.35
EX. MH 81A TO MH 90		
1+16 RT.	LOT 88 & 89	365.20
2+27 RT.	LOT 84 & 85	364.70
MH 90 LT.	LOT 86	370.11
EX. MH 90 TO MH 1		
MH 90 LT.	LOTS 86 & 87	370.11
MH 2 TO MH 3		
0+25 RT.	LOT 97	380.47
MH 3 RT.	LOT 98	382.81
EX. MH 91 TO MH 4		
0+79 RT.	LOT 90	374.08
MH 4 NE.	LOT 91	373.57
EX. MH 91 TO EX. MH 92		
0+53 LT.	LOT 95 & 96	377.54
EX. MH 92 TO EX. MH 93		
0+17 LT.	LOT 94	378.35
0+35 RT.	LOT 92 & 93	377.13

NO.	E.F.O. STA.	RIM	SLOPE
1	1'-6" ABOVE EX. GR.		
2	2+82.44	10' RT.	390.00
3	2+07	3' RT.	351.58
4	L.P. 1+27	7' F.C.	384.82

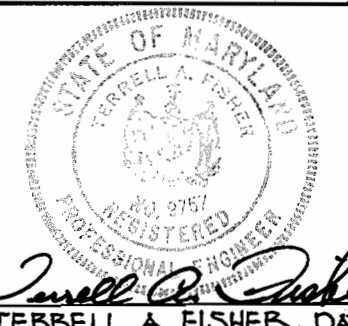


PLAN VIEW: SEDIMENT CONTROL @ EX. STREAM

PLAN SCALE: 1"=50'

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

FISHER, COLLINS, AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS
6588 COURT AVENUE
ELLICOTT CITY, MARYLAND 21043



DES: D.W.B.			
DRN: D.W.B.			
CHK: T.A.F.			
DATE: 8/2/88	BY NO.	REVISION	DATE

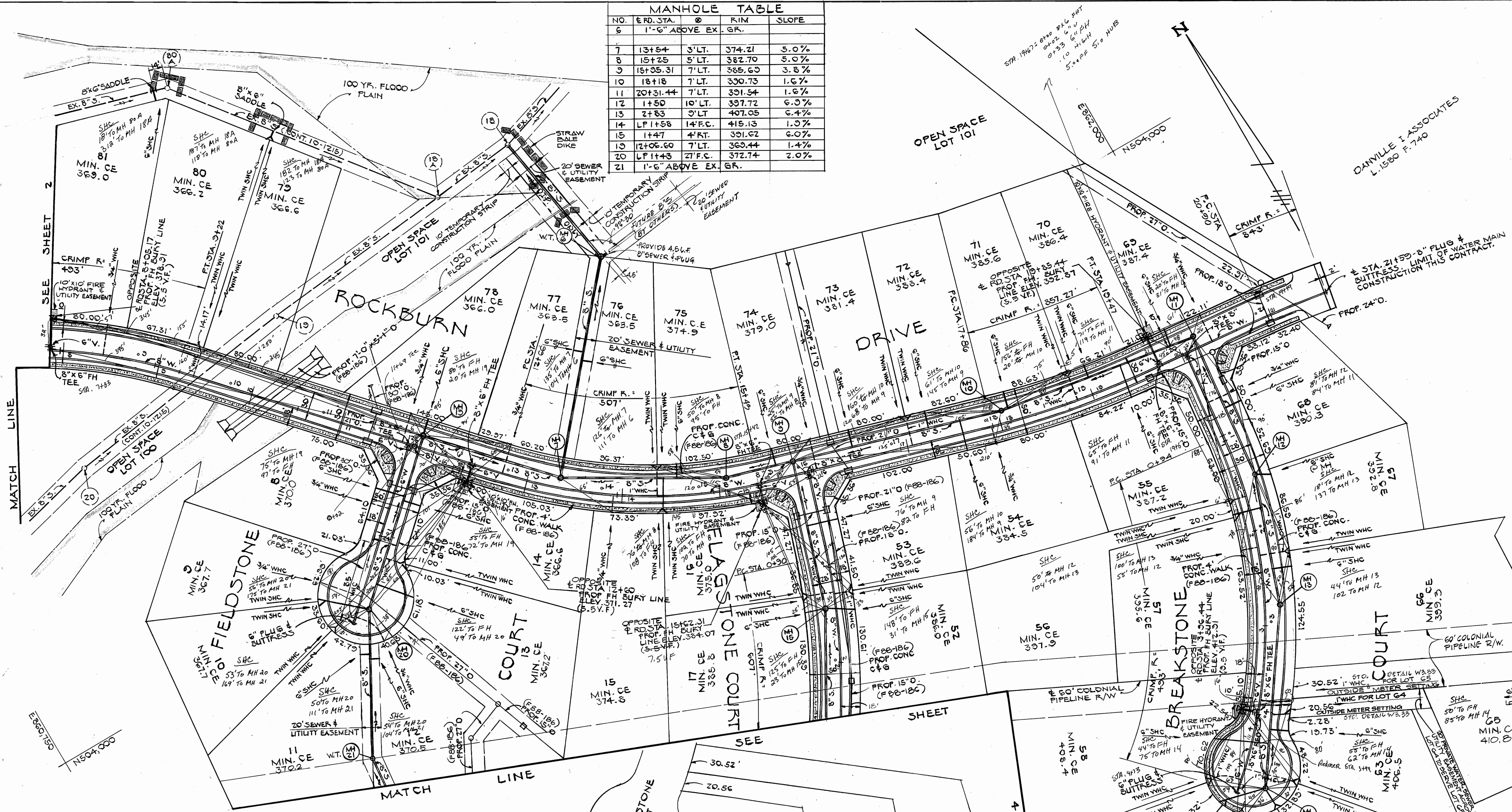
PLAN
WATER & SEWER MAIN

ROCKBURN TOWNSHIP
SECTION 1, AREA 1
CONTRACT NO. 14-1811-D
FIRST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
SHEET 2 OF 7

12/29/89

MANHOLE TABLE				
NO.	E. RD. STA.	Ø	RIM	SLOPE
6	1'-6" ABOVE EX. GR.			
7	13+64	3' LT.	374.21	5.0%
8	15+25	5' LT.	382.70	5.0%
9	15+35.31	7' LT.	385.63	3.8%
10	18+18	7' LT.	390.73	1.6%
11	20+31.44	7' LT.	391.54	1.6%
12	1+50	10' LT.	397.72	6.3%
13	2+83	5' LT.	407.05	6.4%
14	LP 1+58	14' F.C.	415.13	1.3%
15	1+47	4' RT.	391.62	6.0%
19	12+06.60	7' LT.	363.44	1.4%
20	LP 1+43	21' F.C.	372.74	2.0%
21	1'-6" ABOVE EX. GR.			



SEWER HOUSE CONNECTION INVERT ELEVATIONS AT PROPERTY LINE					
STATION	LOT	ELEVATION	STATION	LOT	ELEVATION
MH 13 TO MH 20					
MH 13 NE	LOT 78	360.93			
0+67 RT.	LOT 8	361.32			
1+62 LT.	LOT 14	362.19			
MH 20 RT.	LOT 5+10	362.73			
MH 20 TO MH 21					
MH 20 RT.	LOT 3+10	362.73			
0+47 RT.	LOT 11	363.11			
0+52 LT.	LOT 12	365.46			
MH 6 TO MH 7					
1+00 RT.	LOT 77	358.60			
1+10 LT.	LOT 76	358.70			
MH 7 TO MH 8					
1+07 RT.	LOT 15+16	369.63			
1+20 LT.	LOT 75	369.83			
MH 8 TO MH 9					
0+52 LT.	LOT 74	373.98			
MH 9 TO MH 10					
0+63 LT.	LOT 73	376.26			
1+43 RT.	LOT 72	378.34			
1+77 RT.	LOT 54	379.50			
MH 10 TO MH 11					
0+07 LT.	LOT 71	380.57			
0+36 LT.	LOT 70	381.38			
1+31 RT.	LOT 55	382.17			
1+87 LT.	LOT 63	382.33			
MH 11 TO MH 12					
0+70 LT.	LOT 53	377.56			
MH 15 LT.	LOT 57	380.98			
MH 15 RT.	LOT 17	380.82			
EX MH 18A TO EX MH 80A					
1+83 LT.	LOT 73+80	359.95			
MH 12 TO MH 13					
MH 12 LT	LOT 67	387.84			
1+00 LT.	LOT 66	394.31			
0+35 RT.	LOT 56+57	390.34			
MH 13 TO MH 14					
1+15 LT.	LOT 64+65	401.07			
1+30 LT.	LOT 63	401.54			
1+45 RT.	LOT 58	402.82			
MH 14 RT.	LOT 53+60	404.32			
MH 14 LT.	LOT 61+62	403.86			
MH 14 TO MH 15					
0+80 LT.	LOT 68	385.28			
MH 12 LT.	LOT 67	387.84			

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James J. Smith 7/8/88
DIRECTOR OF PUBLIC WORKS DATE

Michael J. Williams 7-1-88
CHIEF, BUREAU OF UTILITIES DATE

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

Paul J. Fisher
TERRELL A. FISHER, DATE

DES: D.W.B.
DRN: D.W.B.
CHK: T.A.F.
DATE: 3/2/88

BY NO. REVISION DATE

PLAN
WATER & SEWER MAIN

600' SCALE MAP NO. 31.37 BLOCK NO.

ROCKBURN TOWNSHIP
SECTION 1, AREA 1
CONTRACT NO. 14-1811-D
FIRST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

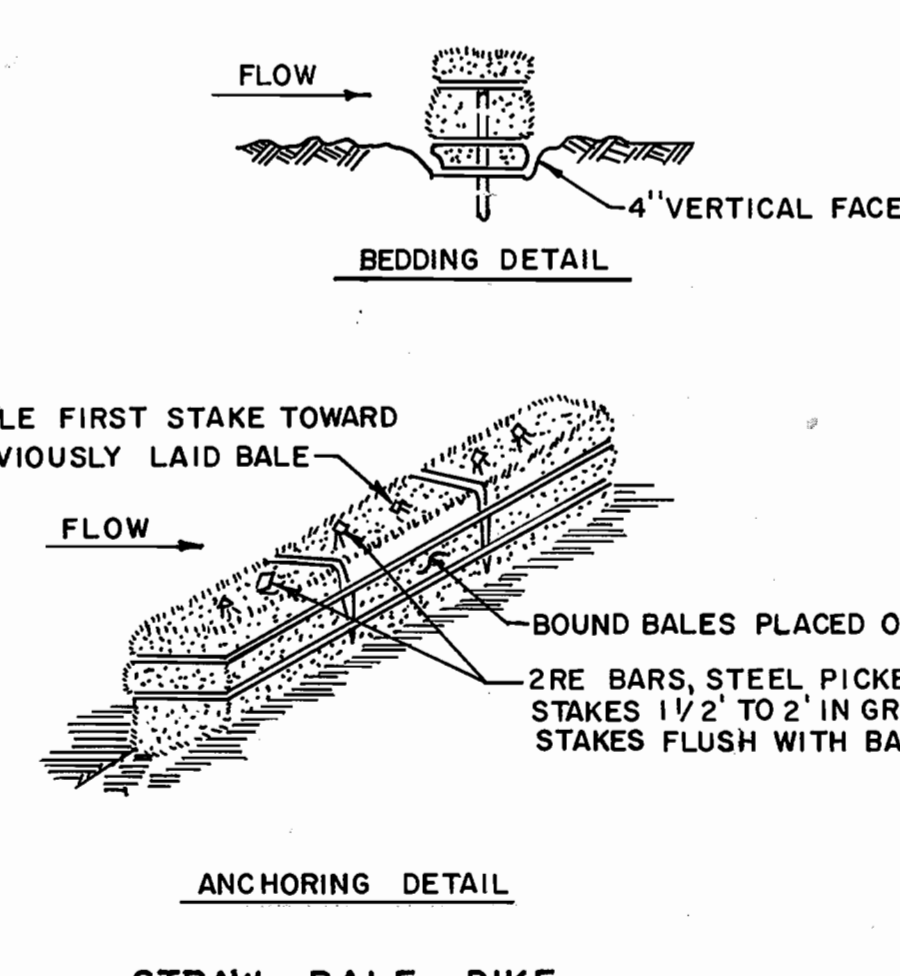
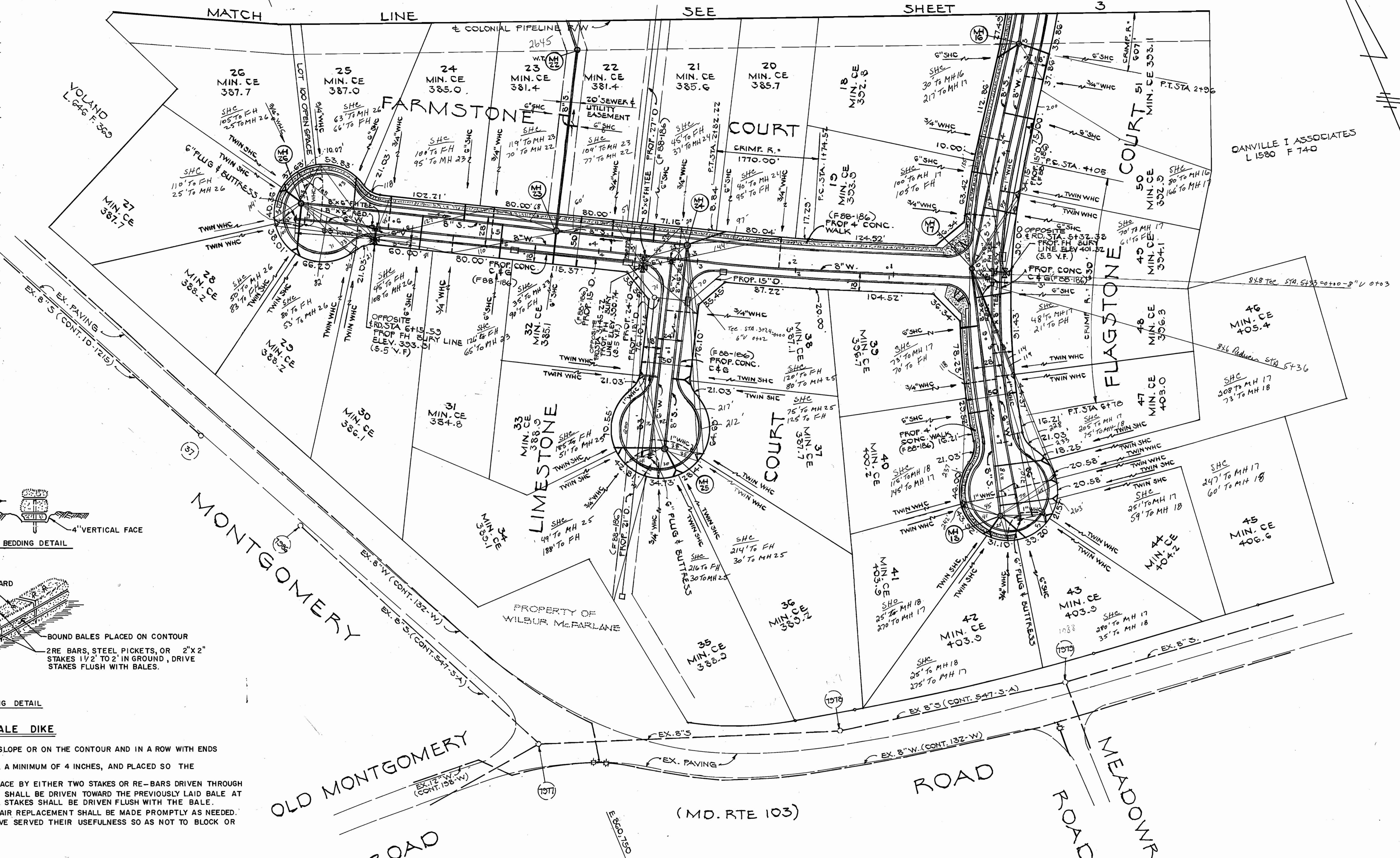
SCALE AS SHOWN
SHEET 3 OF 7

69150

12/29/89

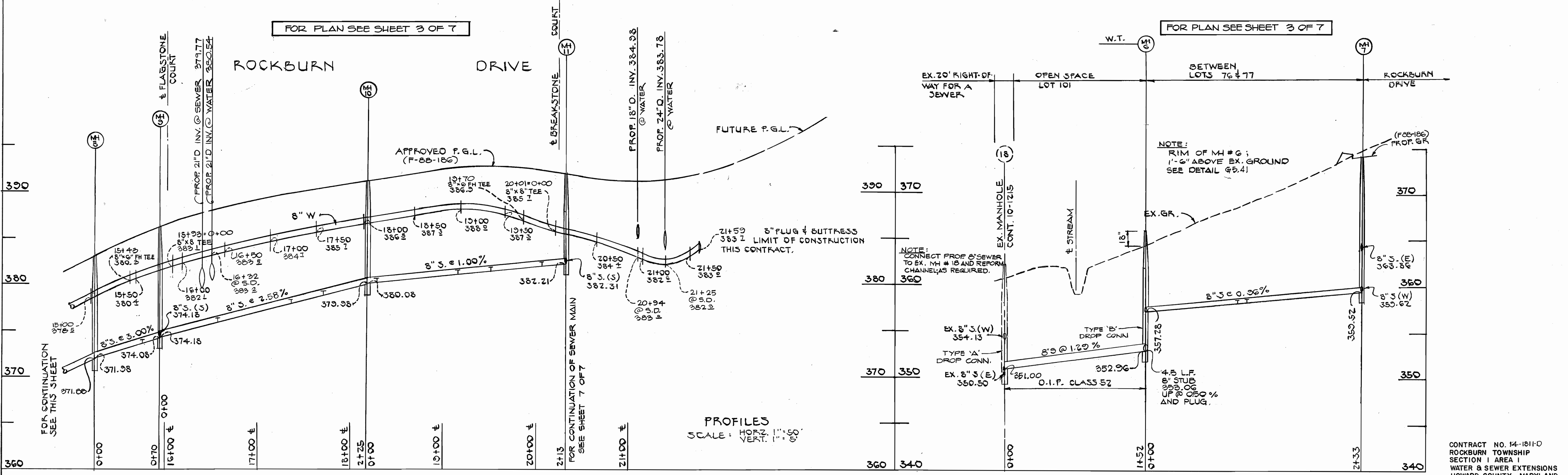
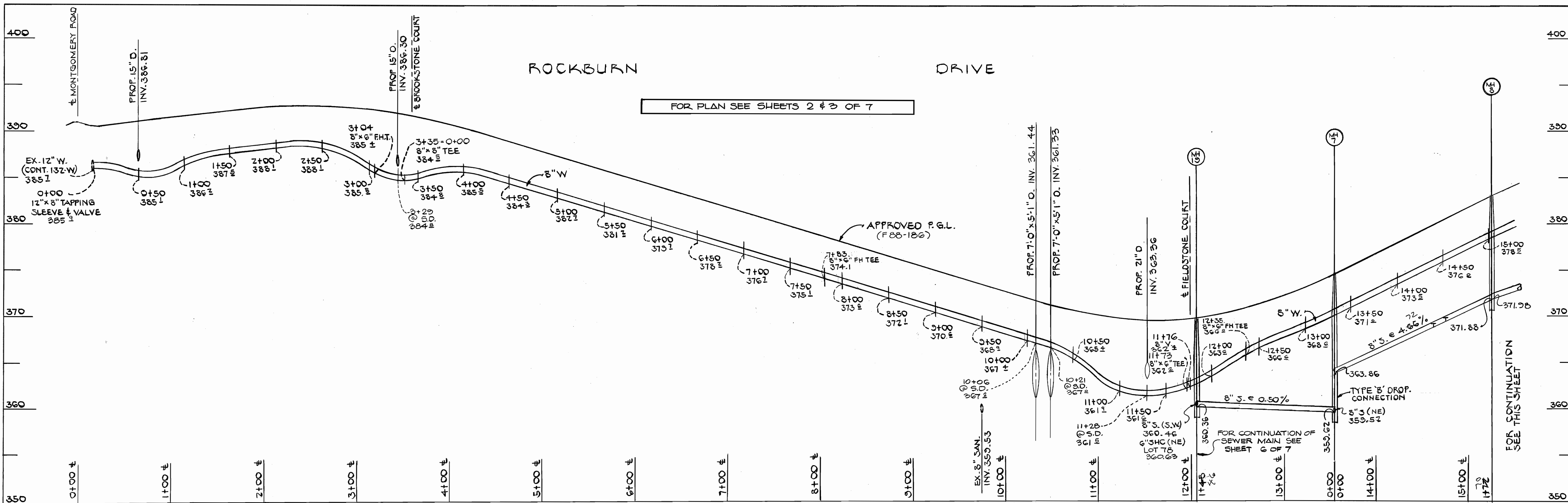
MANHOLE TABLE				
NO.	RD. STA.	Ø	RIM	SLOPE
16	2+98	7' FT.	398.11	2.0%
17	5+30	15' FT.	400.65	1.4%
18	L.P. 1404	13' FC.	403.63	0.7%
22	SET TOP AT EXIST. GRADE			
23	4+33.38	7' FT.	390.30	1.0%
24	3+03.22	7' FT.	390.66	0.9%
25	LP 1+46	20' FC.	394.05	0.6%
26	LP 1+12	14' FC.	393.88	0.5%

SEWER HOUSE CONNECTION INVERT ELEVATIONS AT PROPERTY LINE			
STATION	LOT	ELEVATION	
MH 16 TO MH 17			
MH 16 RT.	LOT 18	387.16	
MH 16 LT.	LOT 51	387.30	
0+72 LT.	LOT 50	388.07	
1+37 RT.	LOT 19	388.21	
1+70 LF.	LOT 49	388.27	
MH 17 TO MH 18			
0+20 LT.	LOT 48	391.26	
0+58 RT.	LOT 39	391.86	
1+45 RT.	LOT 40	394.35	
2+03 LT.	LOT 46 & 47	397.65	
2+43 LT.	LOT 44 & 45	399.16	
MH 18 LT.	LOT 43	399.04	
MH 18 RT.	LOT 41 & 42	398.88	
MH 22 TO MH 23			
0+66 RT.	LOT 23	376.67	
0+76 LT.	LOT 22	376.82	
MH 23 TO MH 24			
MH 23 RT.	LOT 32	379.06	
0+38 LT.	LOT 21	379.67	
MH 24 LT.	LOT 20	380.66	
MH 24 TO MH 25			
MH 24 LT.	LOT 20	380.66	
1+36 RT.	LOT 31 & 38	382.13	
MH 25 RT.	LOT 33 & 34	383.94	
MH 25 LT.	LOT 35 & 36	383.58	
MH 23 TO MH 26			
MH 23 LT.	LOT 32	379.06	
0+54 RT.	LOT 31	379.75	
0+94 RT.	LOT 24	380.04	
1+36 LT.	LOT 30	380.93	
2+07 RT.	LOT 25	381.97	
MH 26 RT.	LOT 26 & 27	382.68	
MH 26 LT.	LOT 28 & 29	383.18	



- 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.

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Director of Public Works: <i>James M. ...</i> 7/18/88 Chief, Bureau of Utilities: <i>Michael A. ...</i> 7-1-88		FISHER, COLLINS, AND CARTER, INC. CONSULTING ENGINEERS AND LAND SURVEYORS 8388 COURT AVENUE ELLICOTT CITY, MARYLAND 21043 Chief, Bureau of Engineering: <i>James P. ...</i> 7-2-88 Chief, Land Development Division: <i>Terrell A. Fisher</i> 7/18/88		DES: D.W.B. DRN: D.W.B. CHK: T.A.F. DATE: 8/4/88		PLAN WATER & SEWER MAIN SCALE: 1" = 50' 600' SCALE MAP NO. 31.37 BLOCK NO.		ROCKBURN TOWNSHIP SECTION 1, AREA 1 CONTRACT NO. 14-1811-D FIRST ELECTION DISTRICT HOWARD COUNTY, MARYLAND		SCALE AS SHOWN SHEET 4 OF 7
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DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

James A. ... 7/8/88
 DIRECTOR OF PUBLIC WORKS DATE

Michael D. ... 7/8/88
 CHIEF, BUREAU OF UTILITIES DATE

Michael D. ... 7/8/88
 CHIEF, BUREAU OF UTILITIES DATE

FISHER, COLLINS AND CARTER, INC.
 CONSULTING ENGINEERS AND LAND SURVEYORS

8388 COURT AVENUE
 ELLICOTT CITY, MARYLAND 21043

Terrell A. Fisher
 TERRELL A. FISHER, DATE

DES: DWB.	
DRN: DWB.	
CHK: T.A.F.	
DATE: 7/4/88	
BY NO.	
REVISION	
DATE	

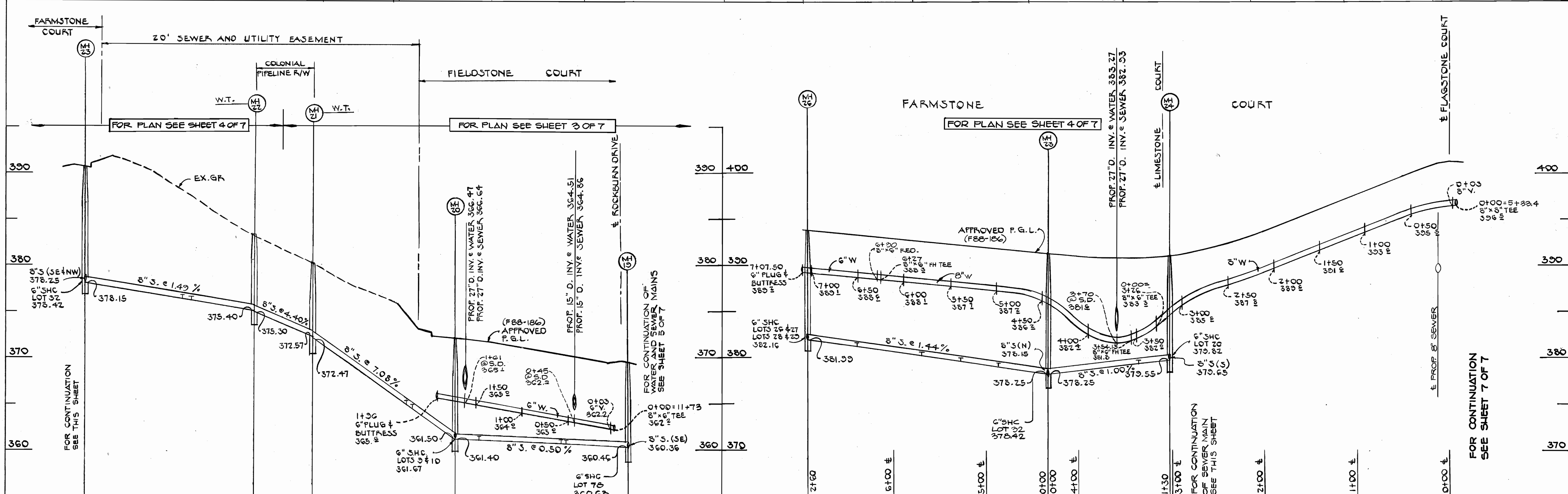
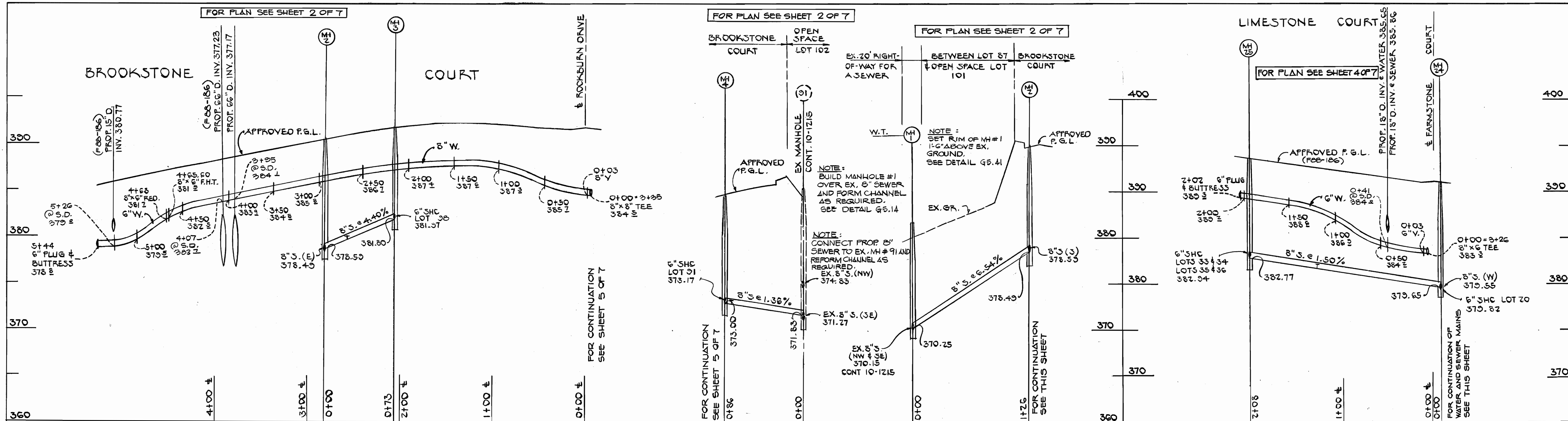
PROFILE
 WATER AND SEWER MAINS

600' SCALE MAP NO. 2L & 2T BLOCK NO.

ROCKBURN TOWNSHIP
 SECTION 1, AREA 1
 CONTRACT NO. 14-1811-0
 FIRST ELECTION DISTRICT
 HOWARD COUNTY, MARYLAND

SCALE AS SHOWN
 SHEET 5 OF 7

CONTRACT NO. 14-1811-0
 ROCKBURN TOWNSHIP
 SECTION 1 AREA 1
 WATER & SEWER EXTENSIONS
 HOWARD COUNTY, MARYLAND



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

CONTRACT NO. 14-1811-D
ROCKBURN TOWNSHIP
SECTION 1, AREA 1
WATER & SEWER EXTENSIONS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

James L. ... 7/1/88
DIRECTOR OF PUBLIC WORKS DATE

Michael A. ... 7-1-88
CHIEF, BUREAU OF UTILITIES DATE

Michael ... 7/1/88
CHIEF, BUREAU OF ENGINEERING DATE

Terrell A. Fisher
CHIEF, LAND DEVELOPMENT DIVISION DATE

FISHER, COLLINS AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS

8388 COURT AVENUE
ELLCOTT CITY, MARYLAND 21043

Terrell A. Fisher
TERRELL A. FISHER DATE

DES: D.B.S.	
DRN: D.B.S.	
CHK: T.A.F.	
DATE: 7/2/88	BY NO.
REVISION	DATE

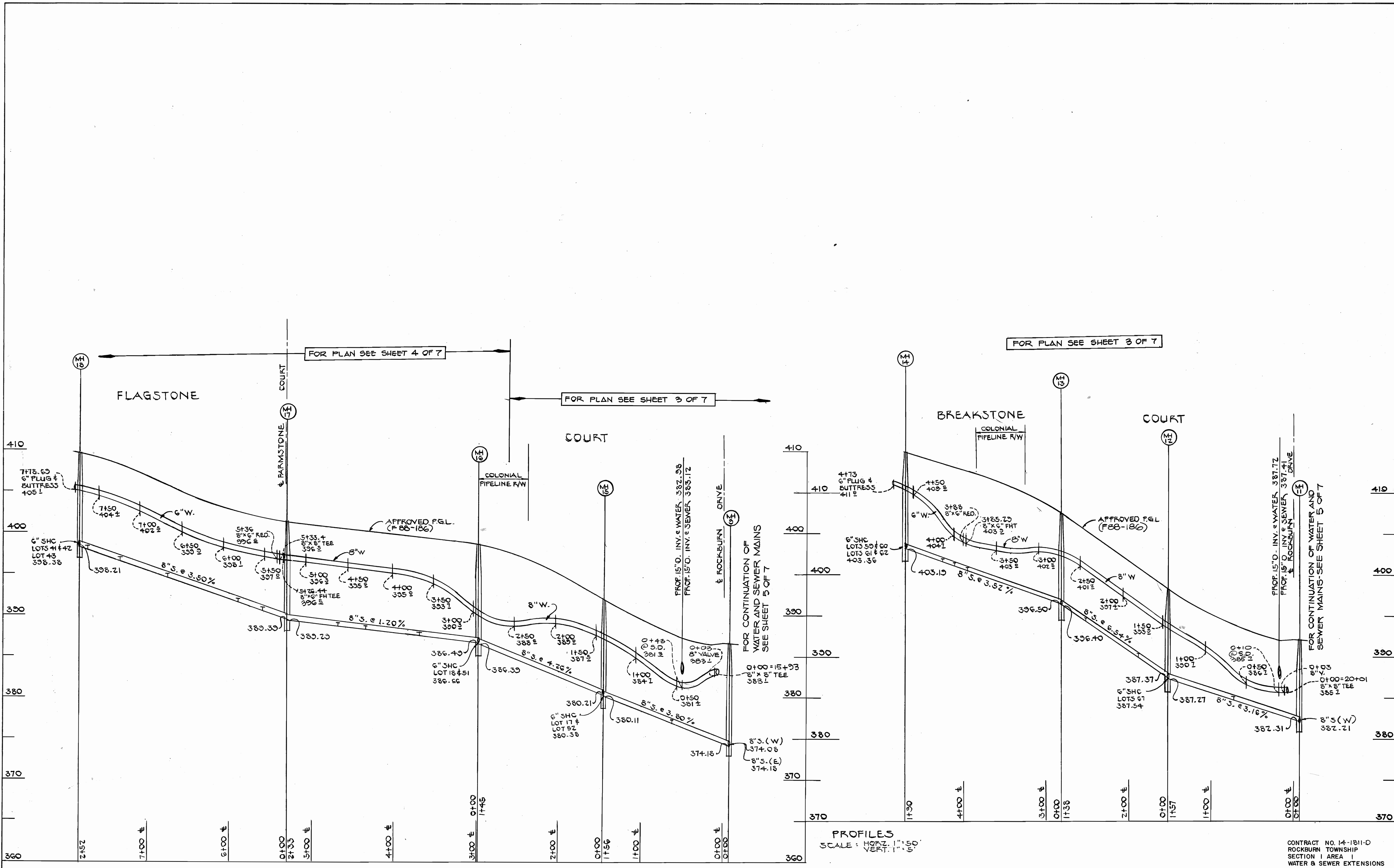
PROFILE
WATER AND SEWER MAINS

600' SCALE MAP NO. 31.37 BLOCK NO.

ROCKBURN TOWNSHIP
SECTION 1, AREA 1
CONTRACT NO. 14-1811-D
FIRST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

SHEET 6 OF 7



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

CONTRACT NO. 14-1811-D
ROCKBURN TOWNSHIP
SECTION 1, AREA 1
WATER & SEWER EXTENSIONS
HOWARD COUNTY, MARYLAND

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

[Signature] 7/6/88
DIRECTOR OF PUBLIC WORKS DATE

[Signature] 7/8/88
CHIEF, BUREAU OF ENGINEERING DATE

[Signature] 7/8/88
CHIEF, LAND DEVELOPMENT DIVISION DATE

[Signature] 7-1-88
CHIEF, BUREAU OF UTILITIES DATE

FISHER, COLLINS AND CARTER, INC.
CONSULTING ENGINEERS AND LAND SURVEYORS

8388 COURT AVENUE
ELLICOTT CITY, MARYLAND 21043

[Signature]
TERRILL A. FISHER, DATE

DES: D.W.B.				
DRN: D.W.B.				
CHK: T.A.F.				
DATE: 7/2/88	BY	NO.	REVISION	DATE

PROFILE
WATER AND SEWER MAINS

ROCKBURN TOWNSHIP
SECTION 1, AREA 1
CONTRACT NO. 14-1811-D
FIRST ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE AS SHOWN

SHEET 7 OF 7