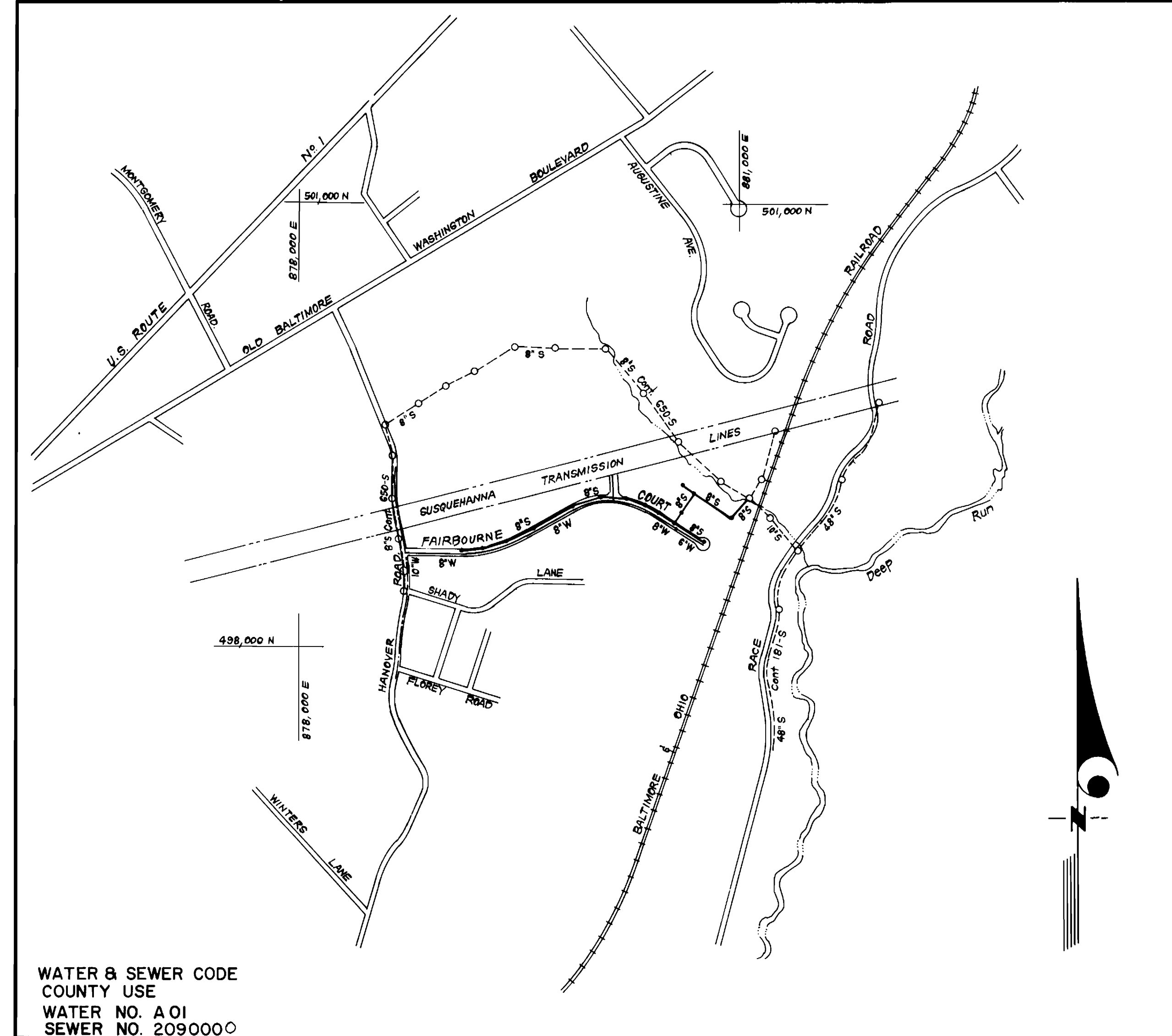


SEWER HOUSE CONNECTION TABLE					
LOTS	Inv. @ R.	Min. C.	LOTS	Inv. @ R.	Min. C.
1/2	180.9	184.5	35/36	82.7	85.9
3	173.4	176.6	37/38	83.4	88.6
4	168.0	171.2	39/40	83.4	86.5
5/6	165.2	171.4	41	83.1	87.1
7	158.8	162.0	42	81.9	85.8
8	151.8	155.0	43	81.3	84.5
9/10	147.4	153.6	44/45	54.0	58.4
11	137.4	140.6	46	77.9	80.7
12	132.0	135.2	47	76.1	80.7
13/14	129.5	135.7	48	57.2	61.0
15	122.9	126.1	49/52	59.5	63.3
16	115.6	118.8	50/51	81.9	85.1
17/18	112.0	118.2	53/54	84.2	87.4
19	105.1	108.3	55	85.8	89.0
20	97.3	100.5	56	106.0	109.2
21	94.7	101.1	57	115.9	119.1
22	90.5	93.7	58	123.7	126.9
23	88.8	92.0	59	131.3	134.5
24	86.8	90.0	60	137.1	140.4
25/26	84.4	87.6	61	148.0	151.2
27/28	81.9	84.1	62	156.4	159.6
29/30	80.7	86.9	63	165.0	168.3
31/32	80.4	83.6	64	173.8	177.0
33/34	81.5	87.7			

TYPE OF BUILDING	Single Family
NO. OF LOTS	64
NO. OF WHC'S	64
NO. OF SHC'S	64
DRAINAGE AREA	Patapsco



WATER & SEWER CODE
COUNTY USE
WATER NO. A 01
SEWER NO. 2090000

VICINITY MAP
SCALE: 1" = 600'

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 Inspector, at the contractor's expense.
- All horizontal controls are based on Maryland State Coordinates.
- All vertical controls are based on U.S.G.S. Datum.
- All pipe elevations shown are invert elevations.
- Clear all utilities by a minimum of 6" clear all poles by 2'-0" minimum or tunnel as required. Any cost incurred to the contractor for tunneling or bracing at poles shall be included in unit prices bid for excavation and backfill.
- For details not shown on the drawings use Howard County Standard Details.
- For materials and construction methods use Howard County Standard Specifications, 4th Edition, Volume I, Volume II, The contractor shall have a copy of Volume II on the job.
- Contractor shall locate existing utilities a minimum of two (2) weeks in advance of construction operations in the vicinity of proposed utilities at his own expense.
- Contractor shall notify the following utilities or agencies at least five (5) working days before starting work shown on these plans.
State Highway Administration - 531-5533
Baltimore Gas & Electric Company - Contractor Services - 561-2585
Customer Service - 685-0123
Baltimore Gas & Electric Company - Underground Damage Control - 234-5621
Baltimore Gas & Electric Company - Trouble Shooting - 238-3013
"Miss Utility" - 1-559-0100
Chesapeake & Potomac (C & P) Telephone Company - 725-9976
American Telephone and Telegraph - Cable Location Division - 393-3553
Colonial Pipeline Company - 795-1330
Bureau of Utilities Howard County - 992-2366
- Trees are to be protected from damage to maximum extent. Trees 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 as directed by the Inspector. Payment for such removal shall be included in the unit price bid for excavation and backfill.
- Place regulation "Men Working" and warning signs as required to comply with Maryland State Highway Administration Manual of Traffic Control for Highway Construction and Maintenance Operations.
- All water mains to be C.I.P. or D.I.P. unless otherwise noted.
- Top 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.
- Block all fittings with concrete.
- Bury line elevations on fire hydrants shall be set to the 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 to be compacted in accordance with Sections 1003 & 1008 of the Standard Specifications.
- All water house connections shall be for an inside meter setting.
- The contractor shall not operate any water main valves on the existing system.
- All sewer mains shall be C.S.P.X., V.C.P.X., P.V.C., or A.C.P. Class 2400 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.
- Water main and water house connection lines must have a minimum of one foot separation from the sanitary sewer and sewer house connections as they cross. Except at crossings, water and sewer lines shall have a minimum horizontal separation of 10'.
- For all Copper Water House Connections, utilize flared type fittings only.
- Manholes designated thus: WT shall have Watertight Frames & Covers STANDARD DETAIL G-552

CONTRACT NO. 14-1450 D W&S
CANBURY WOODS
SECTION I AREA I
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS

Sediment Control Measures will be implemented in accordance with Article No. 15 of the Specifications & with Road Construction Plan P 85-25 ; Drawing , Sediment & Erosion Control.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.
[Signature] 7/1/86
SIGNATURE DATE
U.S. SOIL CONSERVATION SERVICE

This Development Plan is approved for Soil Erosion and Sediment Control by the Howard Soil Conservation District.

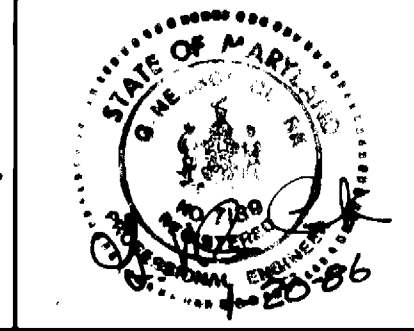
APPROVED:
[Signature] 7/1/86
Howard S.C.D. DATE

ITEM	QUANTITIES		MATERIAL/SUPPLIER
	EST'D.	AS BUILT	
8"W	2203 LF	2203 LF	FRANK'S / GENERAL PIPE CO.
6"W	182 LF	182 LF	FRANK'S / GENERAL PIPE CO.
8"S	2700 LF	2700 LF	3-YA BRAND FACILITIES / GENERAL PIPE
6"SHC	1375 LF	1375 LF	"
1"WHC	520 LF	520 LF	HEAVY METALS / BELLINI BROS. SUPPLY
3/4"WHC	660 LF	660 LF	"
F.H.	6 EA.	6 EA.	LT PIPE & EQUIPMENT
4'-0" DIA. MH	14 EA.	14 EA.	ATLANTIC PRECAST
8"V	2 EA.	2 EA.	IN-3 MANHOLE / BELLEFLORE ROAD SUPPLY
6"V(excl. FH)	1 EA.	1 EA.	IN-3 MANHOLE / BELLEFLORE ROAD SUPPLY
10"X8"TS&V	1 EA.	1 EA.	US PIPE & EQUIPMENT
8"DC TYPE "B"	1 EA.	1 EA.	US PIPE & EQUIPMENT

SECTION I AREA I
CANBURY WOODS
LOTS 1 THRU 68

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
[Signature] 7-8-86
DIRECTOR OF PUBLIC WORKS DATE
[Signature] 7-7-86
CHIEF, BUREAU OF UTILITIES DATE
[Signature] 7-8-86
CHIEF, BUREAU OF ENGINEERING DATE
[Signature] 7-8-86
CHIEF, LAND DEVELOPMENT DIV. DATE

CLARK, FINEFROCK & SACKETT
ENGINEERS - PLANNERS - SURVEYORS
1315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904
(301) 593-3400

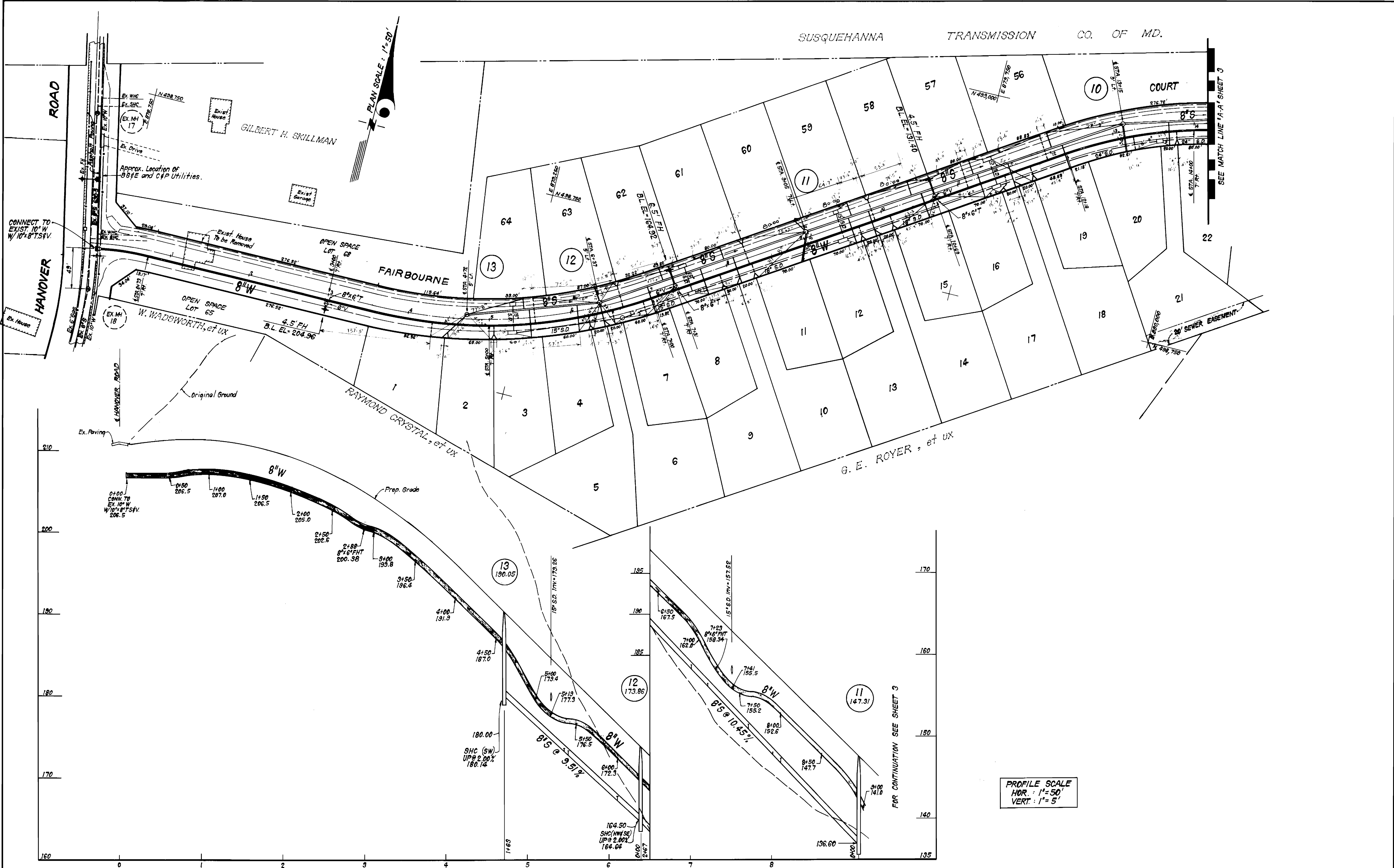


DES: CCM	NTR	2	Revised Sewer House Conn. Table Lots 44, 45, 48, 49, 52 10-29-86	
DRN: CCM				
CHK:				
DATE:	BY	NO.	REVISION	DATE

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

CANBURY WOODS
SECTION I AREA I
1ST ELECTION DISTRICT
CONTRACT NO. 14-1450-D

SCALE AS SHOWN
SHEET 1 OF 4



PROFILE SCALE
 HOR. : 1" = 50'
 VERT. : 1" = 5'

FOR CONTINUATION SEE SHEET 3

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

[Signature] 7-7-86
 DIRECTOR OF PUBLIC WORKS DATE

[Signature] 7-7-86
 CHIEF, BUREAU OF UTILITIES DATE

[Signature] 7-7-86
 CHIEF, BUREAU OF UTILITIES DATE

[Signature] 7-7-86
 CHIEF, LAND DEVELOPMENT DIV. DATE

CF&S CLARK · FINEPROCK & SACKETT
 ENGINEERS · PLANNERS · SURVEYORS

11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904
 (301) 593-3400



DES. C.C.M.			
DRN. C.C.M.			
CHK.			
DATE:	BY	NO.	REVISION

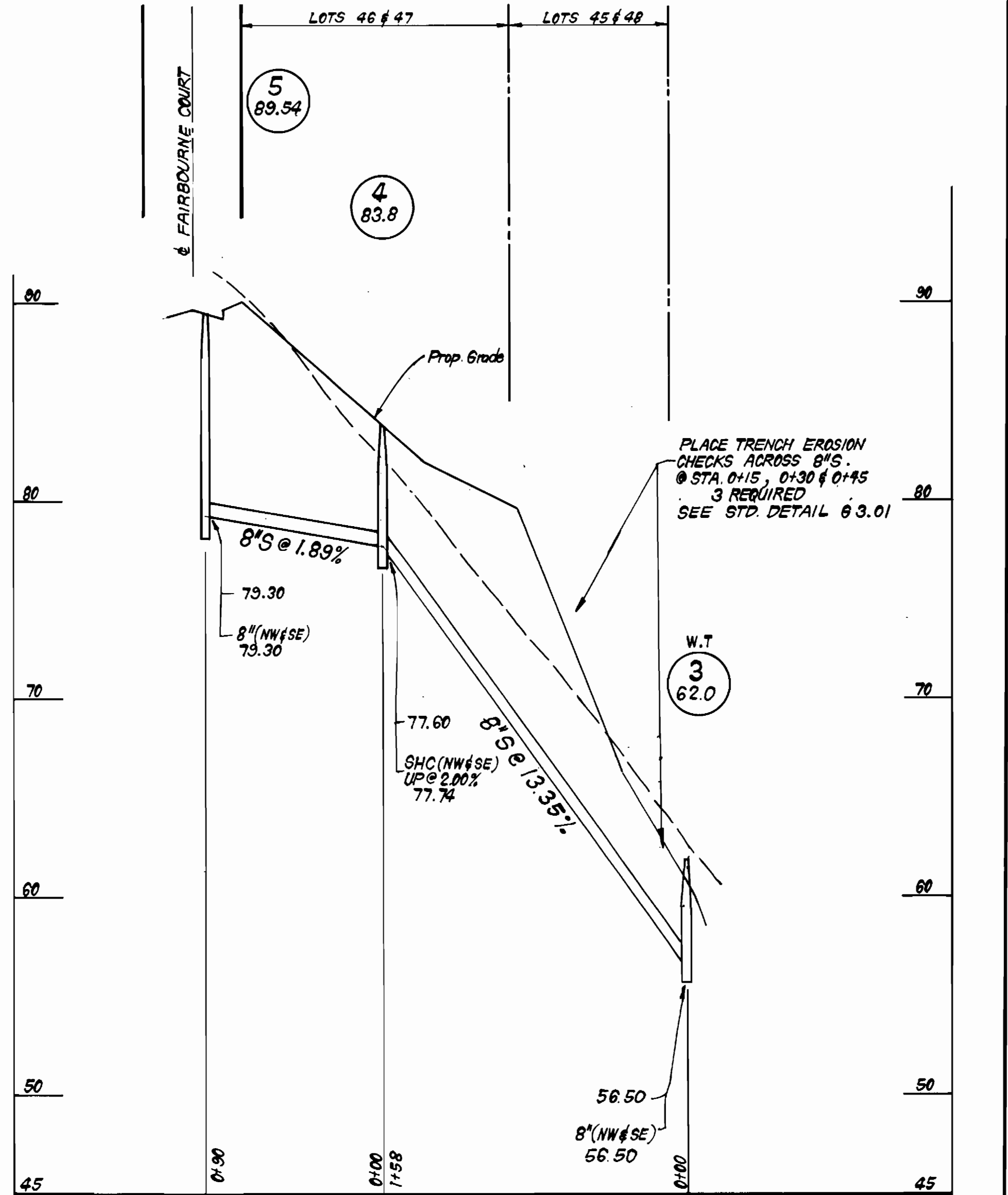
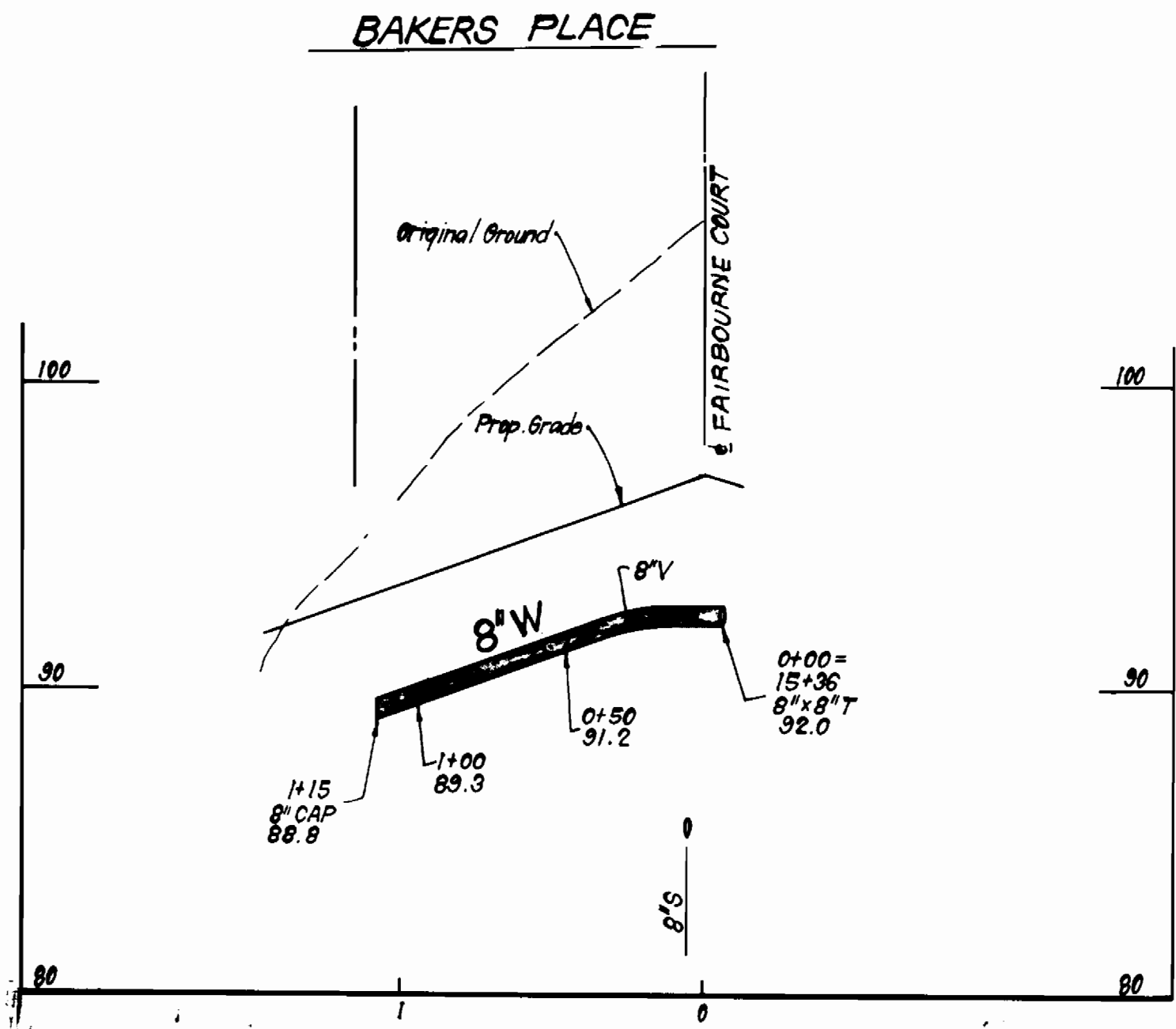
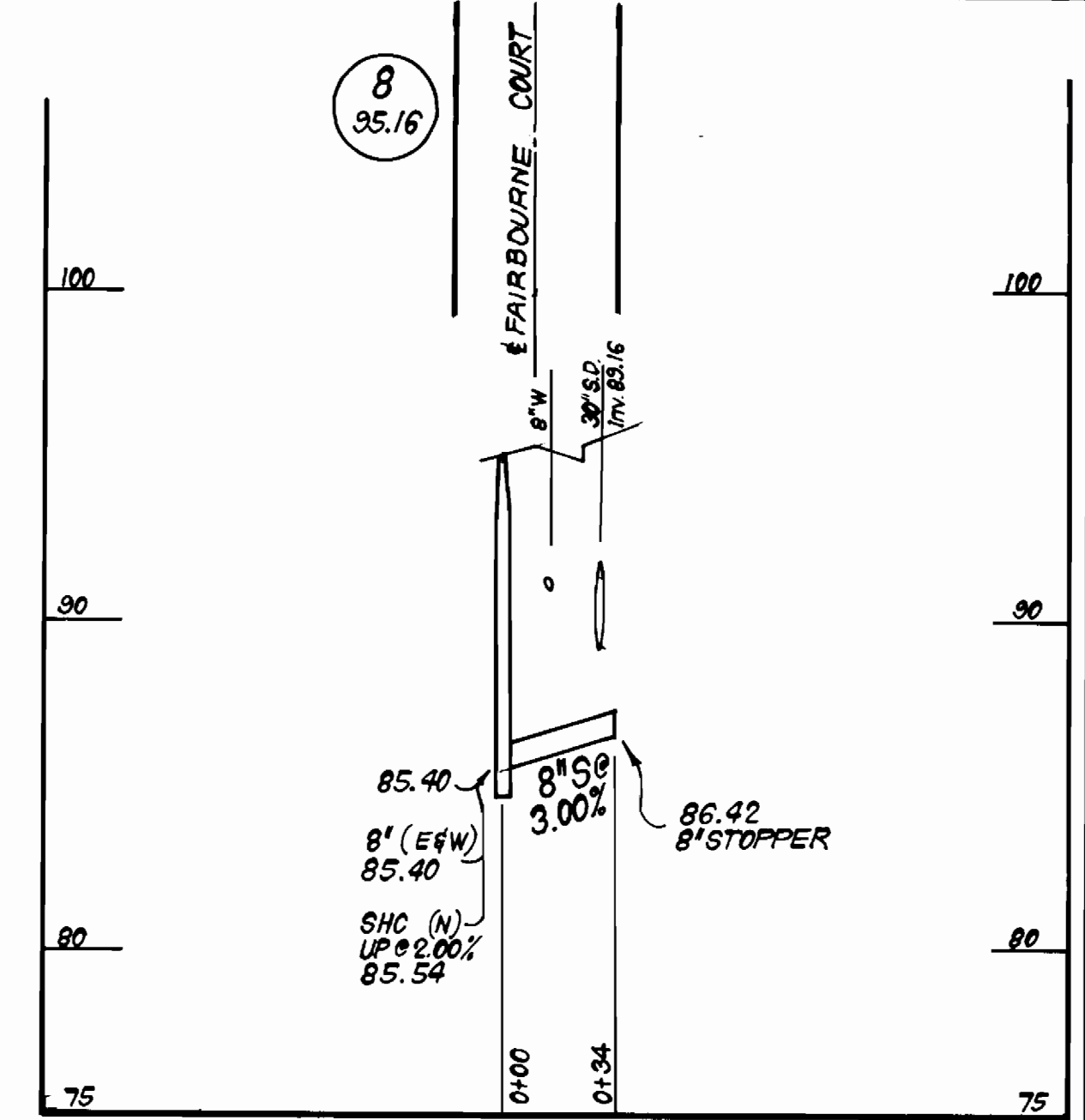
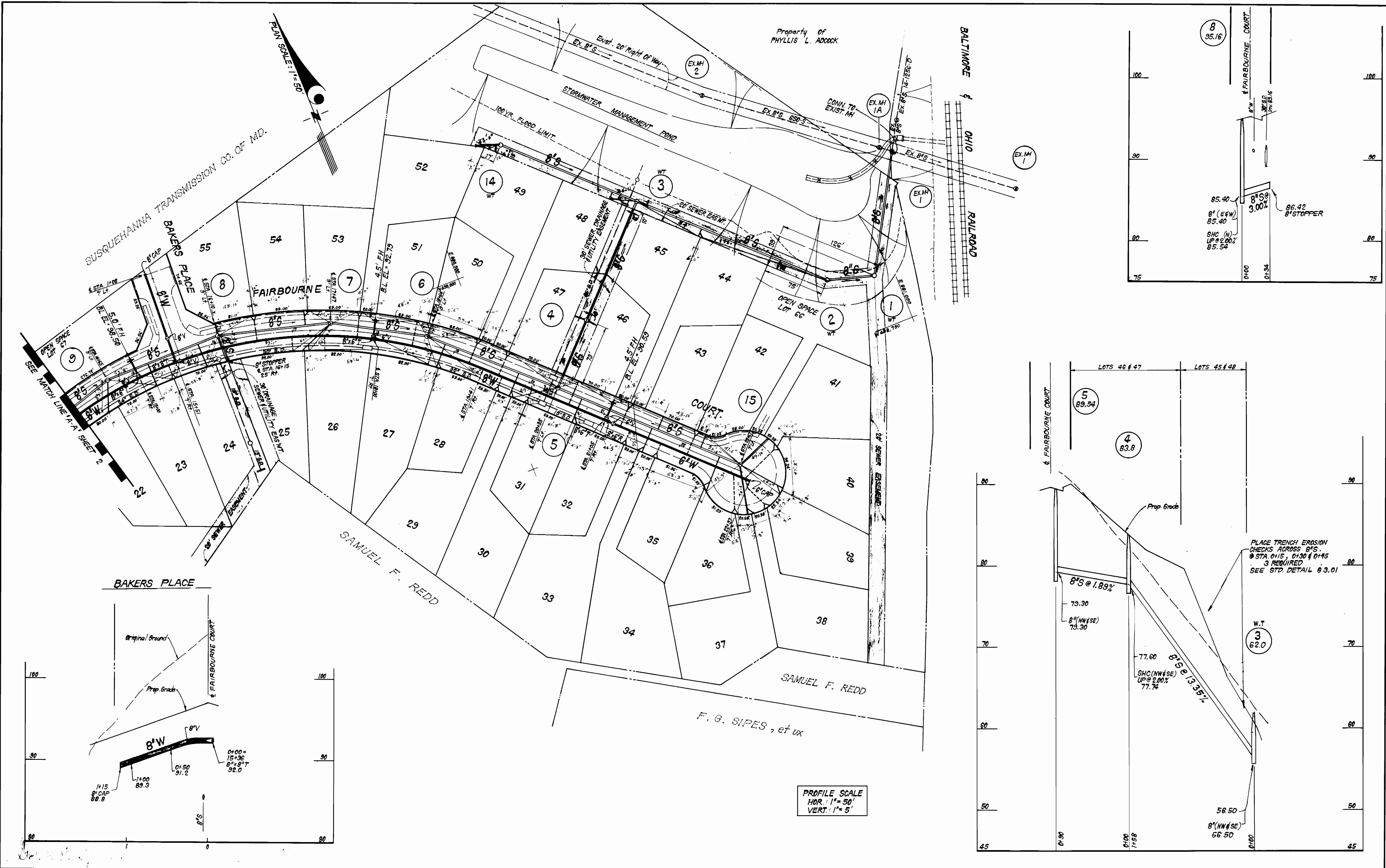
PLAN & PROFILE OF
 WATER & SEWER MAINS

600' SCALE MAP NO. _____ BLOCK NO. _____

CANBURY WOODS
 SECTION I AREA I
 1ST ELECTION DISTRICT
 CONTRACT NO. 14-1450-D

SCALE AS SHOWN

SHEET 2 OF 4



PROFILE SCALE
HOR: 1" = 50'
VERT: 1" = 5'

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

Robert J. ... 7-7-86
DIRECTOR OF PUBLIC WORKS DATE

... 7-7-86
CHIEF, BUREAU OF UTILITIES DATE

... 7-7-86
CHIEF, BUREAU OF ENGINEERING DATE

... 7-7-86
CHIEF, LAND DEVELOPMENT DIV. DATE

CFE CLARK-FINEFROCK & SACKETT
ENGINEERS-PLANNERS-SURVEYORS

11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904
(301) 593-3400



DES: C.C.M.	VLM: 1	Added WHO to Lot 26	7-24-86
DRN: C.C.M.	JTR: 2	Revised 8" grade between M's 314	10-29-86
CHK:			
DATE:	BY NO.	REVISION	DATE

PLAN AND PROFILES OF
WATER & SEWER MAINS

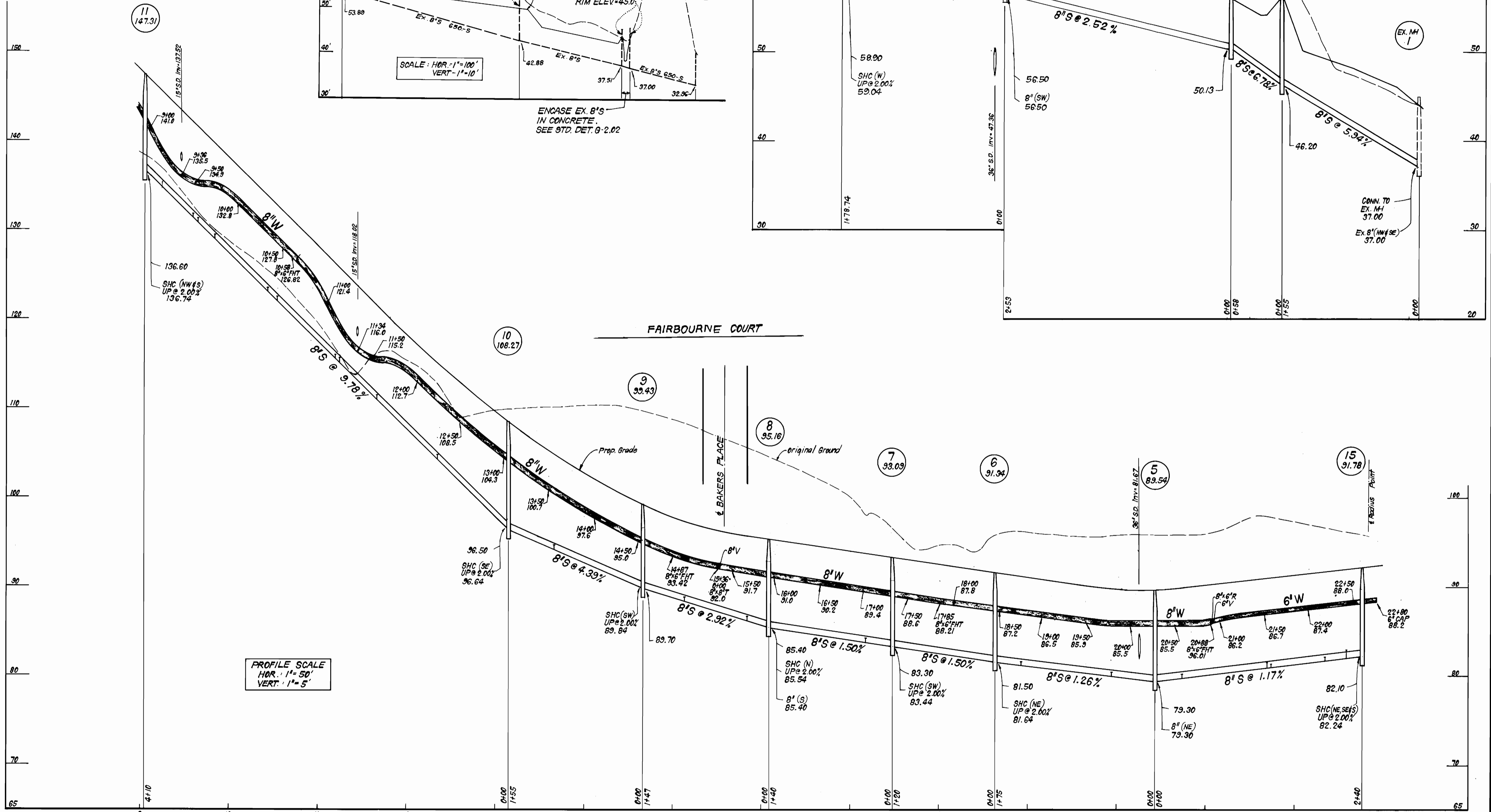
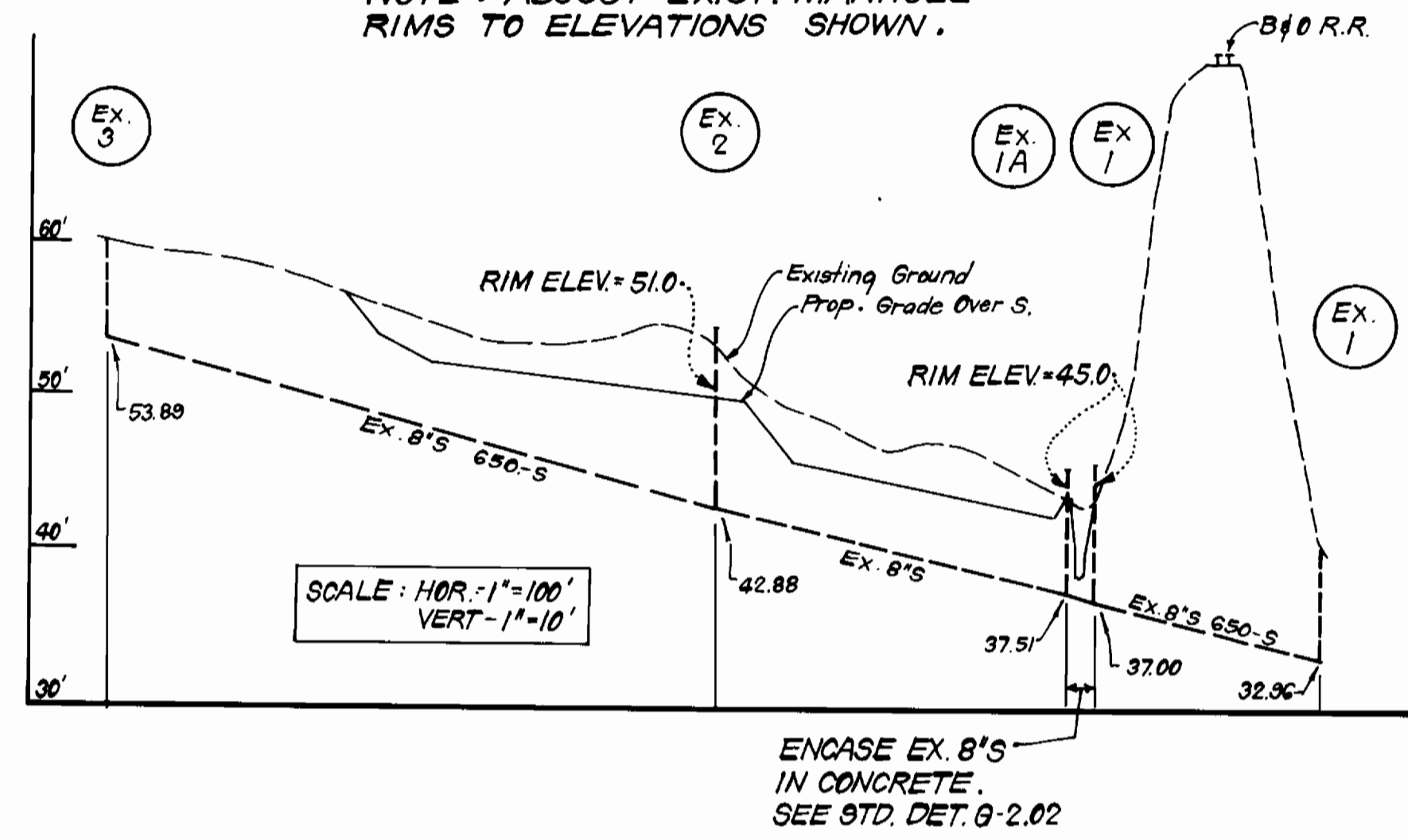
600' SCALE MAP NO. _____ BLOCK NO. _____

CANBURY WOODS
SECTION I AREA I
1ST ELECTION DISTRICT
CONTRACT NO. 14-1450-D

SCALE AS SHOWN

SHEET 3 OF 4

NOTE: ADJUST EXIST. MANHOLE RIMS TO ELEVATIONS SHOWN.



PROFILE SCALE
HOR. 1"=50'
VERT. 1"=5'

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
7-7-86
7-7-86

CLARK - FINEPROCK & SACKETT
ENGINEERS - PLANNERS - SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904
(301) 593-3400



DES:	JTR	2	Revised 8" S grade between MH's 213 and 314	10-29-86
DRN:				
CHK:				
DATE:	BY	NO.	REVISION	DATE

PROFILES OF
WATER & SEWER MAINS
600' SCALE MAP NO. _____ BLOCK NO. _____

CANBURY WOODS
SECTION I AREA I
1ST ELECTION DISTRICT
CONTRACT NO. 14-1450-D

SCALE
AS SHOWN
SHEET
4 OF 4