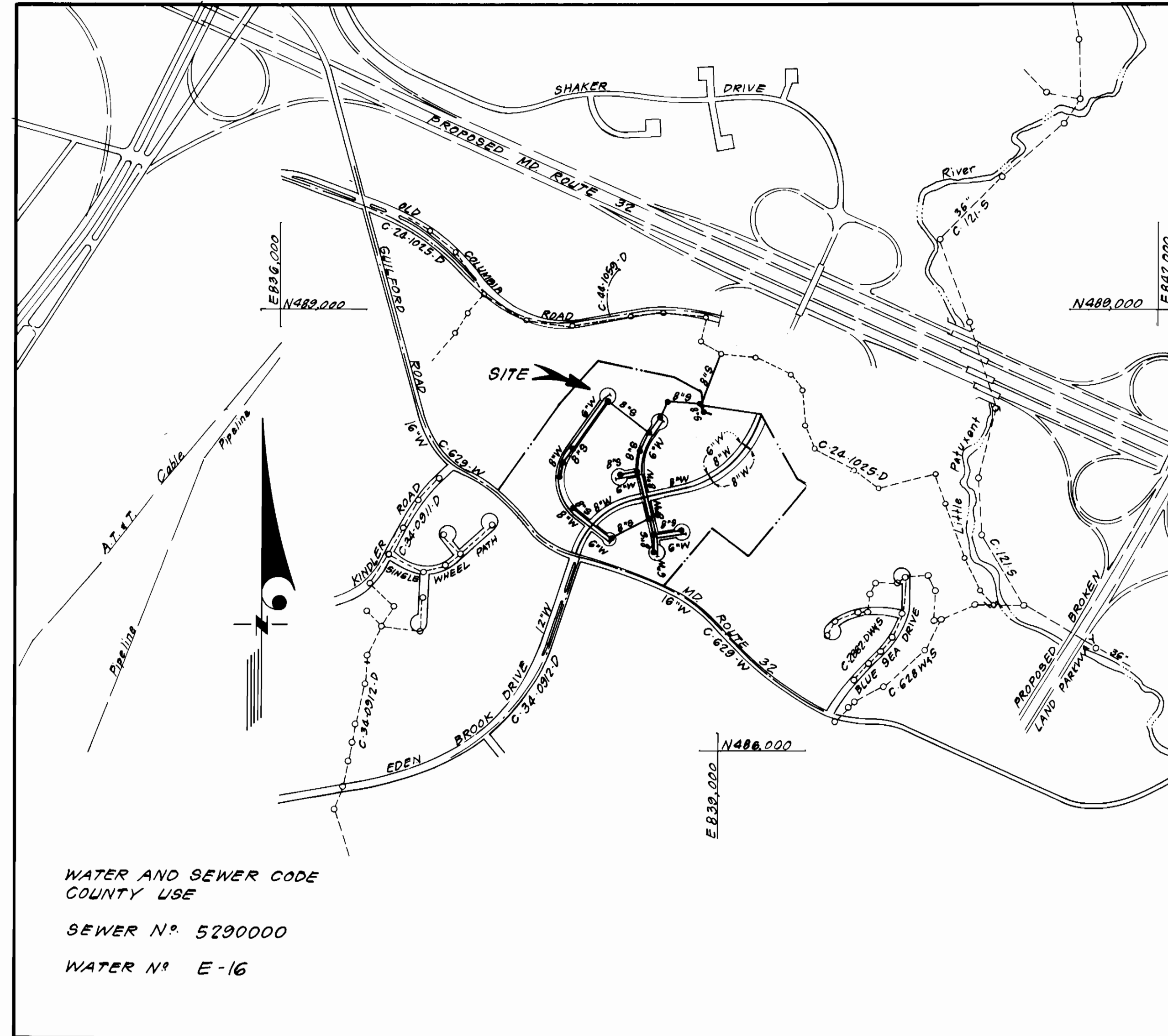


ELEVATIONS					
LOTS	SHC Inv @ R	Min. Cellar	LOTS	SHC Inv @ R	Min. Cellar
1/2	369.24	375.4	43	329.38	332.4
3	368.46	371.9	44	322.85	326.4
4	367.79	371.2	45	320.36	323.6
5/6	365.94	371.3	46	320.33	323.5
7	362.46	365.6	47/48	324.17	327.8
8	356.85	360.0	49	330.37	333.6
9/10	352.64	357.8	50	333.80	337.0
11	346.81	349.9	51	339.28	342.5
12	341.47	344.6	52	341.87	345.1
13/14	337.89	343.1	53	343.71	346.9
15	334.73	337.8	55	347.38	351.2
16/17	333.37	336.7	56/57	359.02	362.4
18	333.41	336.7	58/59	359.02	362.4
19	331.69	334.8	60	358.19	361.5
20	331.67	334.8	61	352.84	356.2
21	339.15	342.5	62	356.84	360.1
22	343.79	347.1	63	356.54	359.7
23	349.06	352.4	64	356.54	360.8
24	353.69	357.0	65	356.44	359.8
25	358.68	362.0	66	356.44	361.1
26	363.89	367.2	67/68	359.69	359.1
27/28	368.82	372.4	69	350.02	353.1
29/30	364.76	368.4	70	347.89	351.2
31	360.05	363.4	71	347.96	351.3
32	344.18	347.6	72	353.76	357.2
33	348.94	352.0	73	350.34	353.3
34	348.94	353.3	74	350.87	353.9
35/36	349.00	352.4	75	351.90	354.9
37/38	348.80	352.2	76	352.22	356.4
39	338.49	342.1	77	352.22	355.6
40	336.06	339.3	78	353.74	358.3
41	333.06	336.3	79	353.74	357.3
42	329.34	332.3	80	364.74	370.7
			54	346.61	350.4

NOTE: Minimum Cellar Elevations were computed using a typical house location on lot. Sewerability should be checked with actual house location at time of site plan preparation.



WATER AND SEWER CODE
COUNTY USE
SEWER N° 5290000
WATER N° E-16

VICINITY MAP

TYPE OF BUILDING	Single Family
NUMBER OF UNITS	80
NUMBER OF SHC's	80
NUMBER OF WHC's	80
DRAINAGE AREA	Little Patuxent

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, & H.C. Design Manual, 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
 Baltimore Gas & Electric Company - Underground Damage Control - 234-5621
 Baltimore Gas & Electric Company - Trouble Shooting - 298-9013
 "Miss Utility" - 1-559-0100
 Chesapeake & Potomac (C & P) Telephone Company - 725-9976
 Colonial Pipeline Company -
 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 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.
- All manholes designated "W.T." in profile shall have watertight frames & covers.
- Wall thicknesses shown on profiles pertain to brick manholes only.

CONTRACT NO. 24-1334-D

KINGS MEADE
SECTION ONE
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS

ITEM	QUANTITIES		MATERIAL / SUPPLIER
	ESTM'D	AS-BUILT	
8" S	4104 L.F.	5725	ATLANTIC PRECAST CONCRETE
4" AH	21 EA.	201A	"
8" W	2903 L.F.	2782	GRIFFIN PIPE PRODUCTS
6" W	1501 L.F.	1578	GRIFFIN PIPE PRODUCTS
6" SHC	2035 L.F.	1973	BEAVER KV SUPPLY CO.
1 1/2" WHC	18 L.F.	10 L.F.	MUNICIPAL & COMM. SUPPLY
1" WHC	818 L.F.	766 L.F.	"
3/4" WHC	1092 L.F.	1004 L.F.	"
8" V	10 EA.	10 FA	"
6" V (excl. F.H.)	6 EA.	6 FA	"
F.H.	7 EA.	7 FA	"
1 1/2" Drain	5 EA.	5 FA	"
16"x8" T.S. & V	1 EA.	1 FA	"

Sediment Control Measures will be implemented in accordance with Article No. 15 of the Specifications, with Road Construction Plan F.85-103; Drawings 11-14 Sediment & Erosion Control with these drawings.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT
 Signature: [Signature] DATE: 9/13/85
 U.S. SOIL CONSERVATION SERVICE

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

APPROVED:
 Signature: [Signature] DATE: 9/13/85
 Howard S.C.D.

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

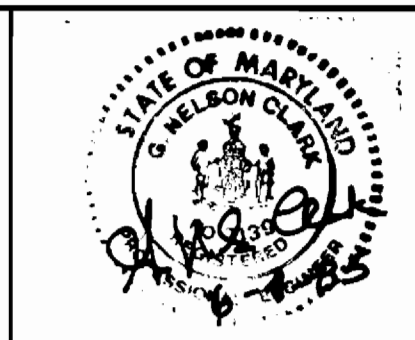
Director of Public Works: [Signature] DATE: 9-17-85

Chief, Bureau of Engineering: [Signature] DATE: 9-17-85

Chief, Bureau of Utilities: [Signature] DATE: 9/17/85

Chief, Land Development Div.: [Signature] DATE: 9/17/85

CLARK FINEPROCK & SACKETT
ENGINEERS - PLANNERS - SURVEYORS
11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904
(301) 993-3400



DES: C.K.G.	VLM	1	Revised vicinity map to reflect removal of 8" S	2387
DRN: V.L.B.				
CHK: C.K.G.				
DATE: 7/85	BY:	NO.	REVISION	DATE

TITLE SHEET

600' SCALE MAP NO. 42 BLOCK NO.

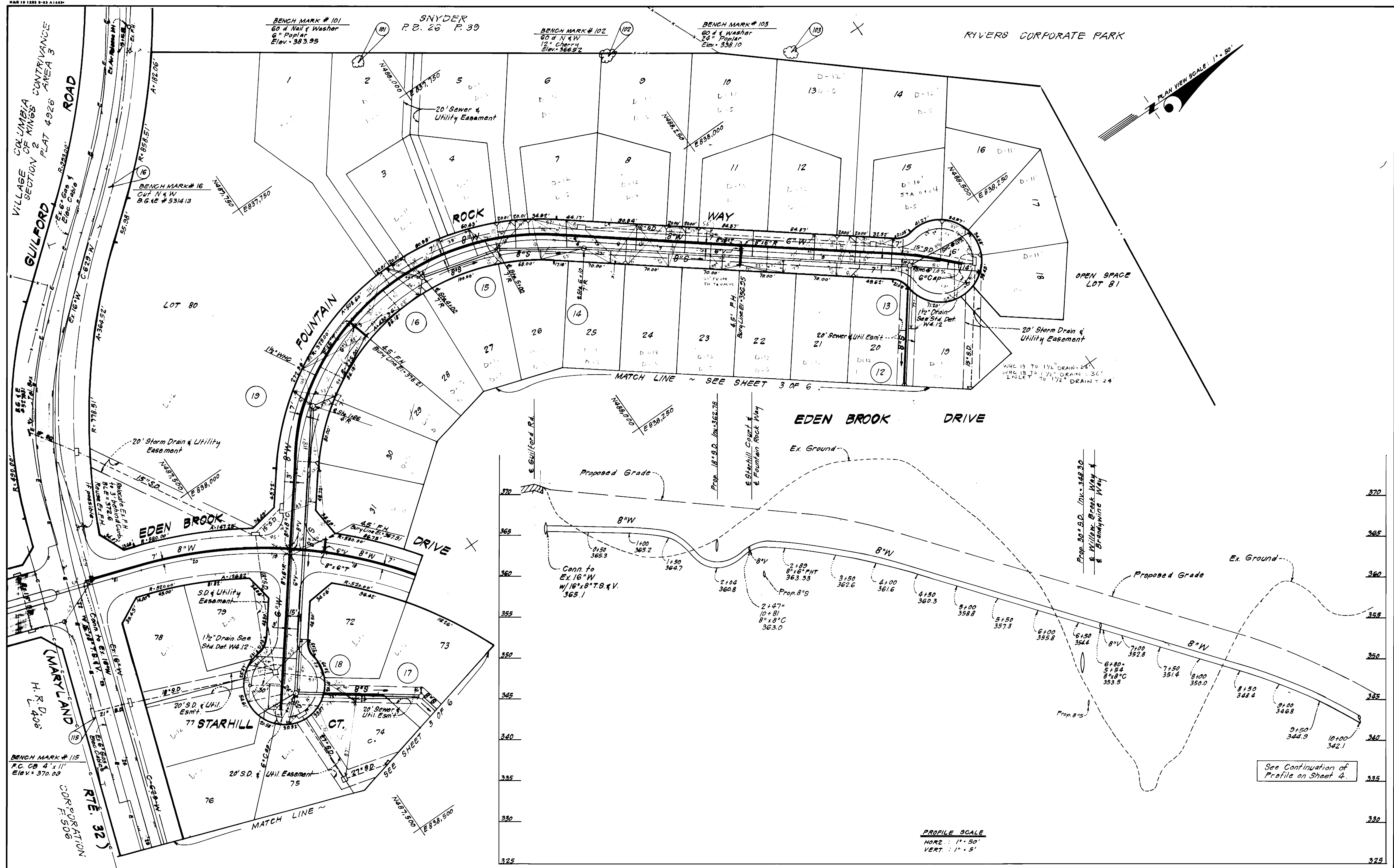
KINGS MEADE
SECTION ONE
6TH ELECTION DISTRICT
CONTRACT NO. 24-1334-D

SCALE 1" = 600'

SHEET 1 OF 6

AS-BUILT

AS-PI



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

John R. ...
 DIRECTOR OF PUBLIC WORKS
 DATE: 7/85

...
 CHIEF, BUREAU OF ENGINEERING
 DATE: 7/85

...
 CHIEF, LAND DEVELOPMENT DIV.
 DATE: 7/85

CFS CLARK · FINEPROCK & SACKETT
 ENGINEERS, PLANNERS, SURVEYORS

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



DES: C.K.G.				
DRN: V.L.B.				
CHK: C.K.G.				
DATE: 7/85	BY: NO.	REVISION	DATE	600' SCALE MAP NO. 42 BLOCK NO.

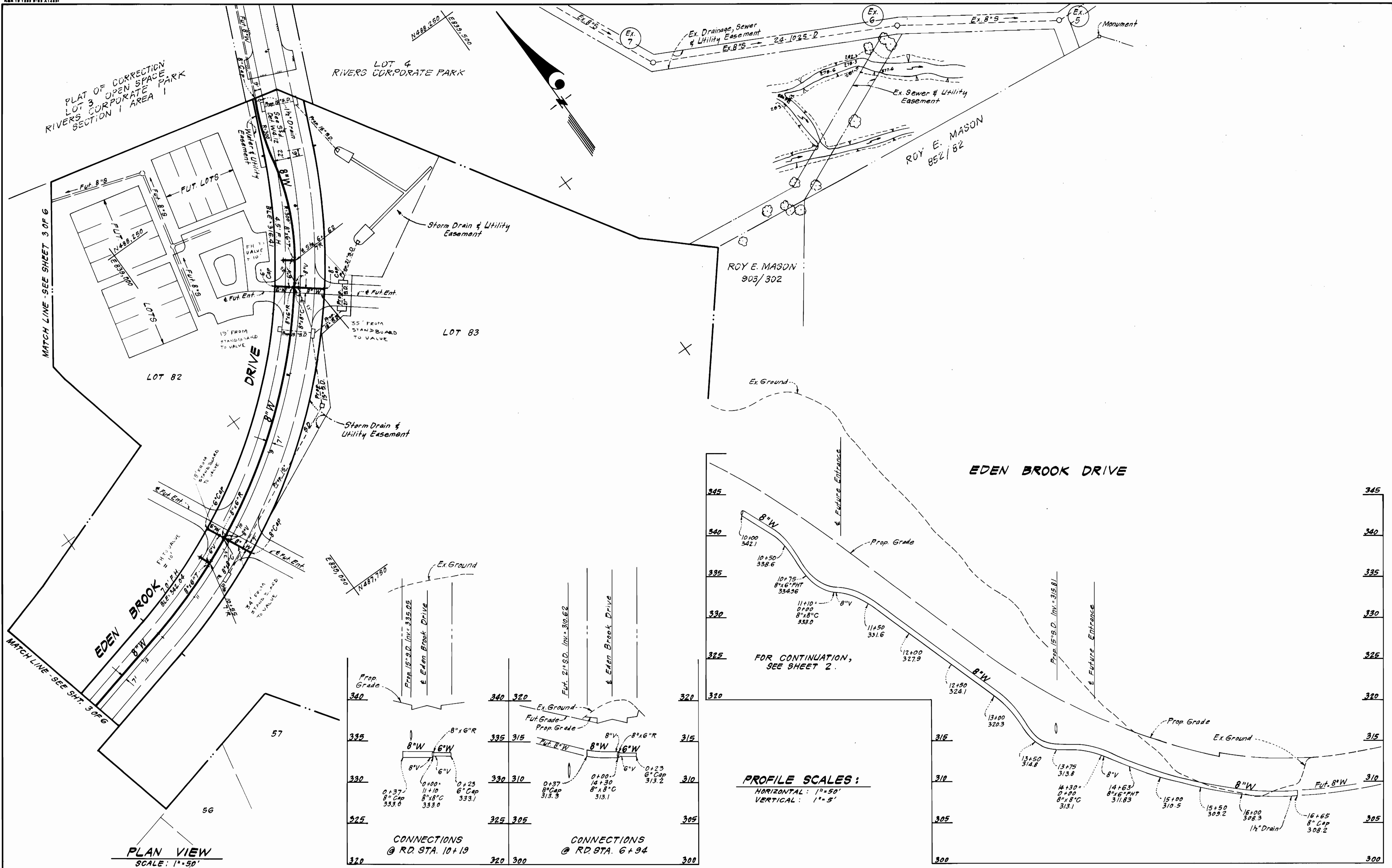
PLAN & PROFILES OF
 WATER & SEWER MAINS

KINGS MEADE
 SECTION ONE
 6TH ELECTION DISTRICT
 CONTRACT NO. 24-1334-D

SCALE
 AS SHOWN

SHEET
 2 OF 6

AS-BUILT
 JUNE 18, 1986



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

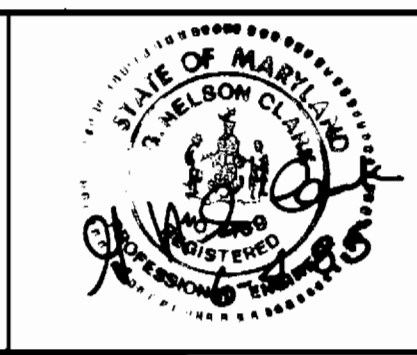
Robert W. Wood 9-17-85
 DIRECTOR OF PUBLIC WORKS DATE

Robert W. Wood 9-17-85
 CHIEF, BUREAU OF UTILITIES DATE

Robert W. Wood 9-17-85
 CHIEF, LAND DEVELOPMENT DIV. DATE

CFS CLARK · FINEPROCK & SACKETT
 ENGINEERS · PLANNERS · SURVEYORS

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



DES: C.K.G.	VLM	1	Removed 8" connecting to C-24-1025-D	2-3-87
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CHK: C.K.G.				
DATE: 7/85	BY	NO.	REVISION	DATE

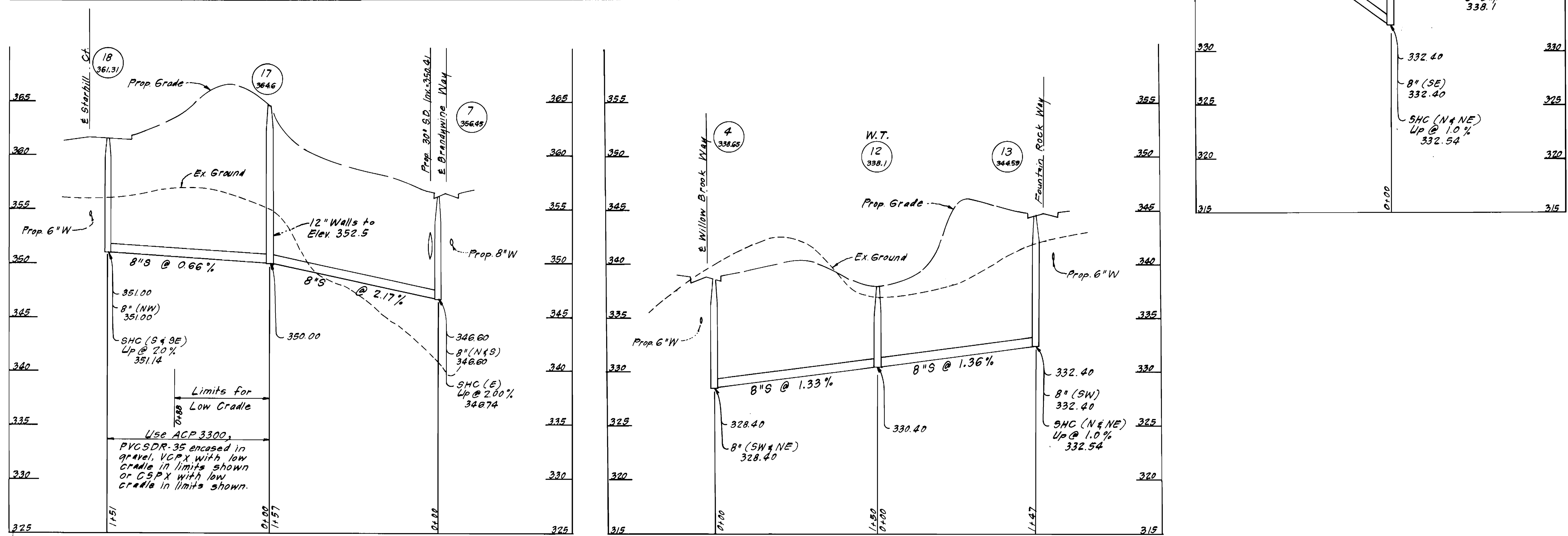
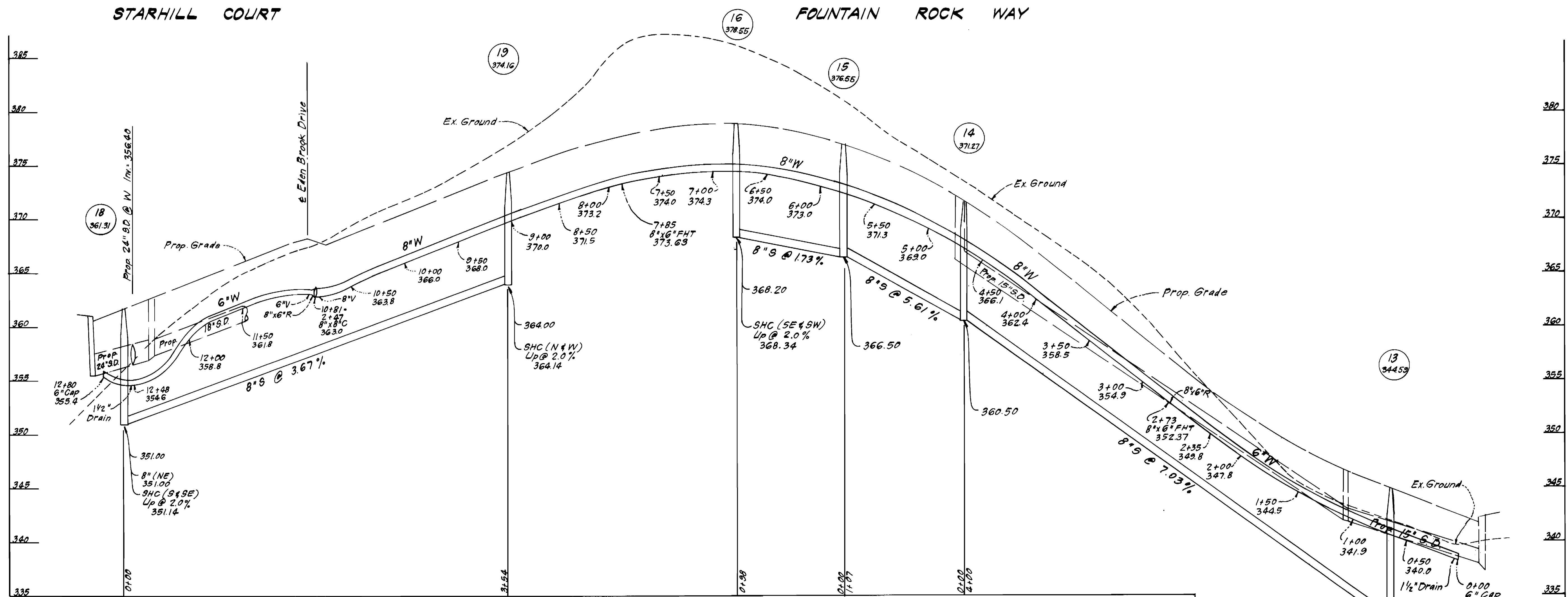
PLAN & PROFILES OF
 WATER & SEWER MAINS

600' SCALE MAP NO. 62 BLOCK NO. _____

KINGS MEADE
 SECTION ONE
 6TH ELECTION DISTRICT
 CONTRACT NO. 24-1334-D

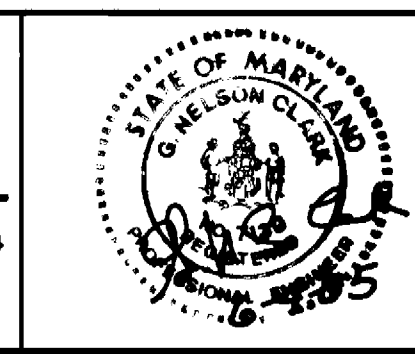
SCALE AS SHOWN
 SHEET 4 OF 6

AS-BUILT
 JUNE 18, 1986



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 Director of Public Works
 Chief, Bureau of Engineering
 Chief, Bureau of Utilities

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

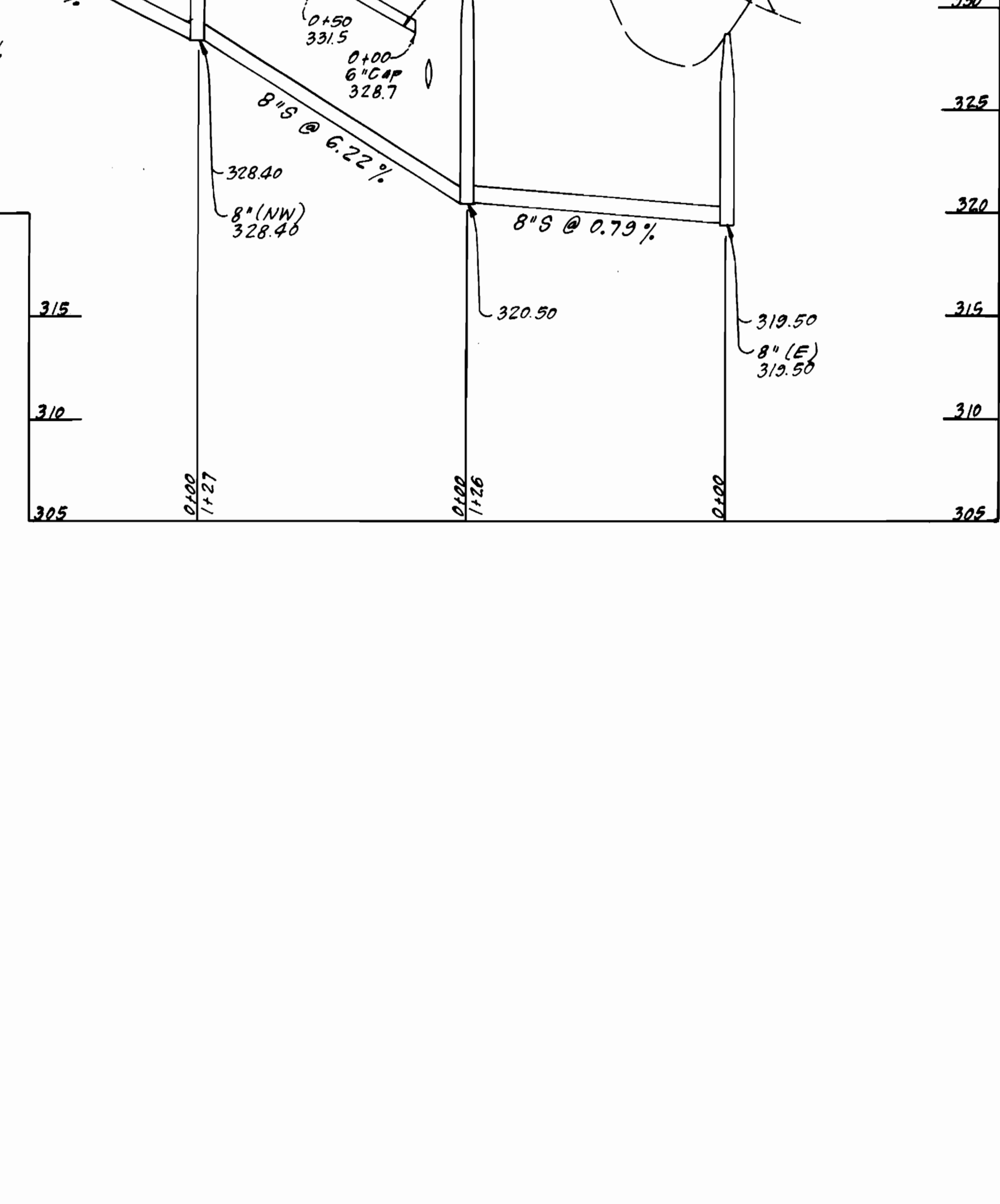
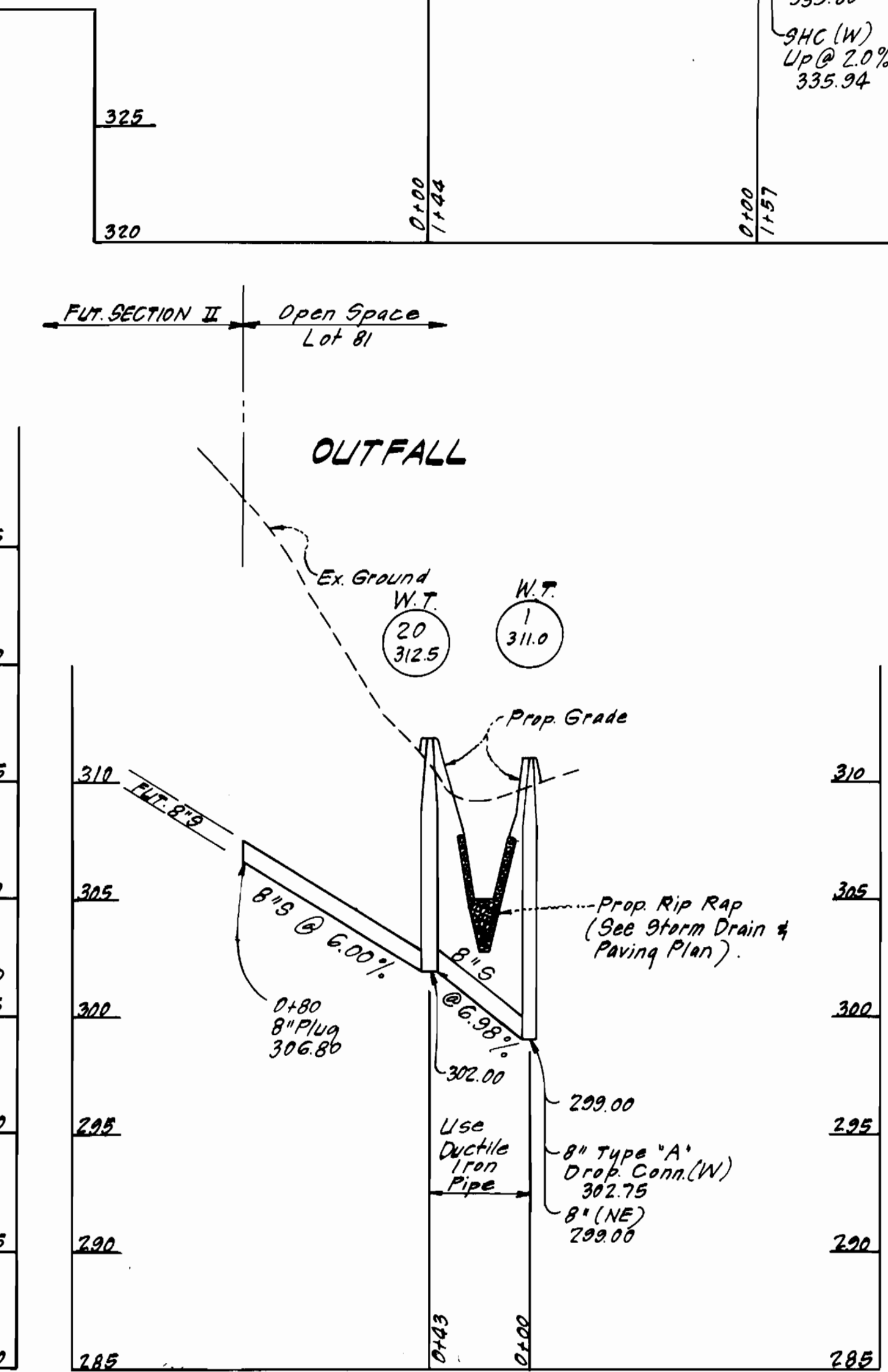
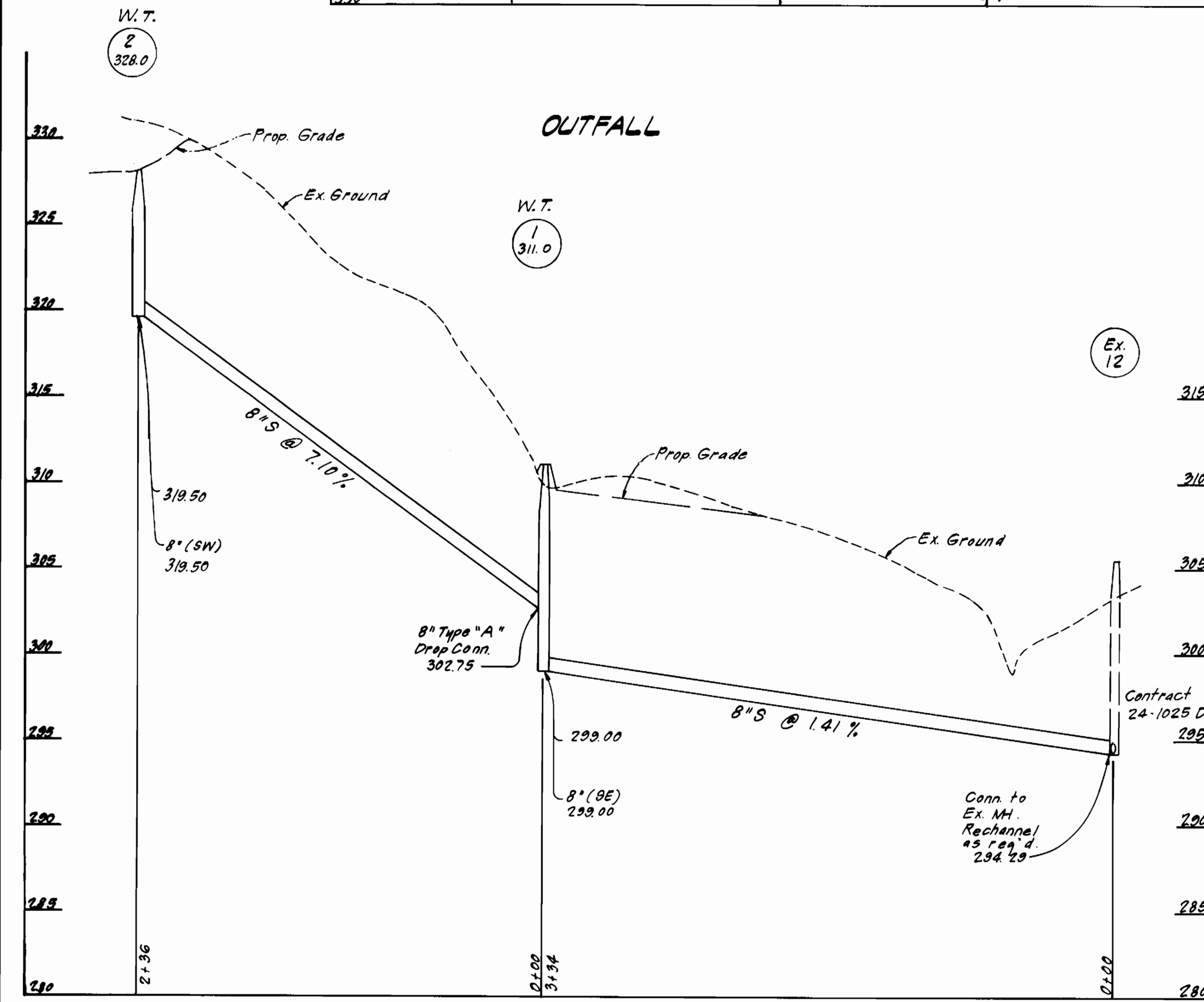
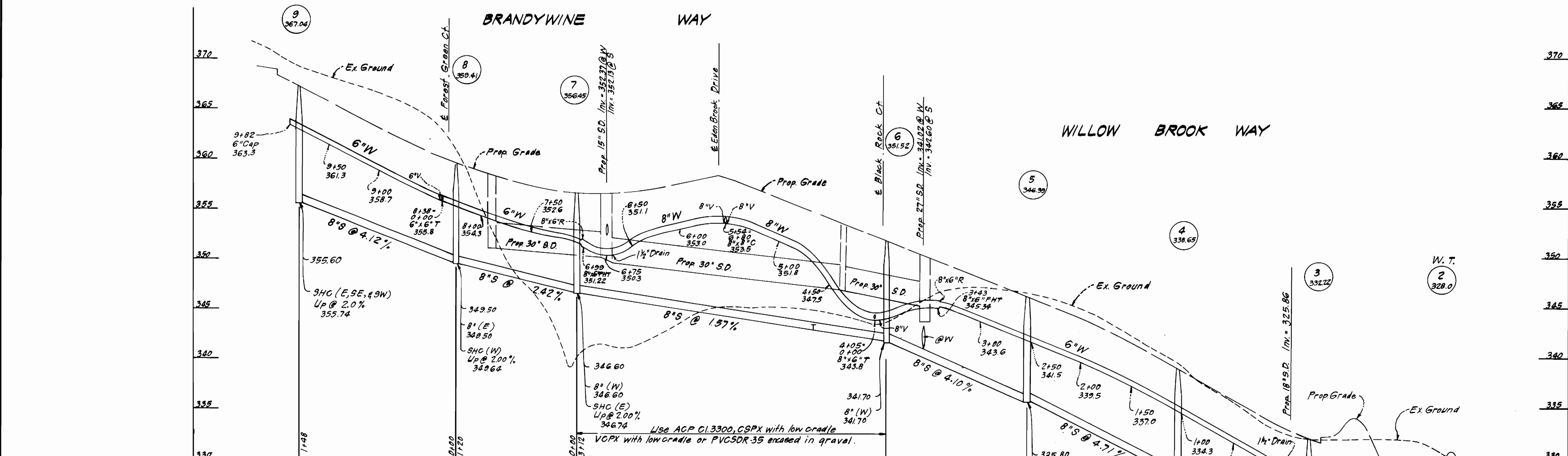


DES: C.K.G.
 DRN: V.L.B.
 CHK: C.K.G.
 DATE: 7/85

PROFILES OF
 WATER & SEWER MAINS

KINGS MEADE
 SECTION ONE
 6TH ELECTION DISTRICT
 CONTRACT NO. 24-1334-D

SCALE
 HORZ: 1"=50'
 VERT: 1"=5'
 SHEET
 5 OF 6



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 Director of Public Works: Robert Woodward
 Chief, Bureau of Engineering: [Signature]
 Chief, Land Development Div.: [Signature]

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



DES: C.K.G.			
DRN: V.L.B.			
CHK: C.K.G.			
DATE: 7/85	BY NO.	REVISION	DATE

PROFILES OF
 WATER & SEWER MAINS
 600' SCALE MAP NO. 42 BLOCK NO.

KINGS MEADE
 SECTION ONE
 6TH ELECTION DISTRICT
 CONTRACT NO. 24-1334-D

SCALE
 HORIZ: 1"=50'
 VERT: 1"=5'
 SHEET
 6 OF 6