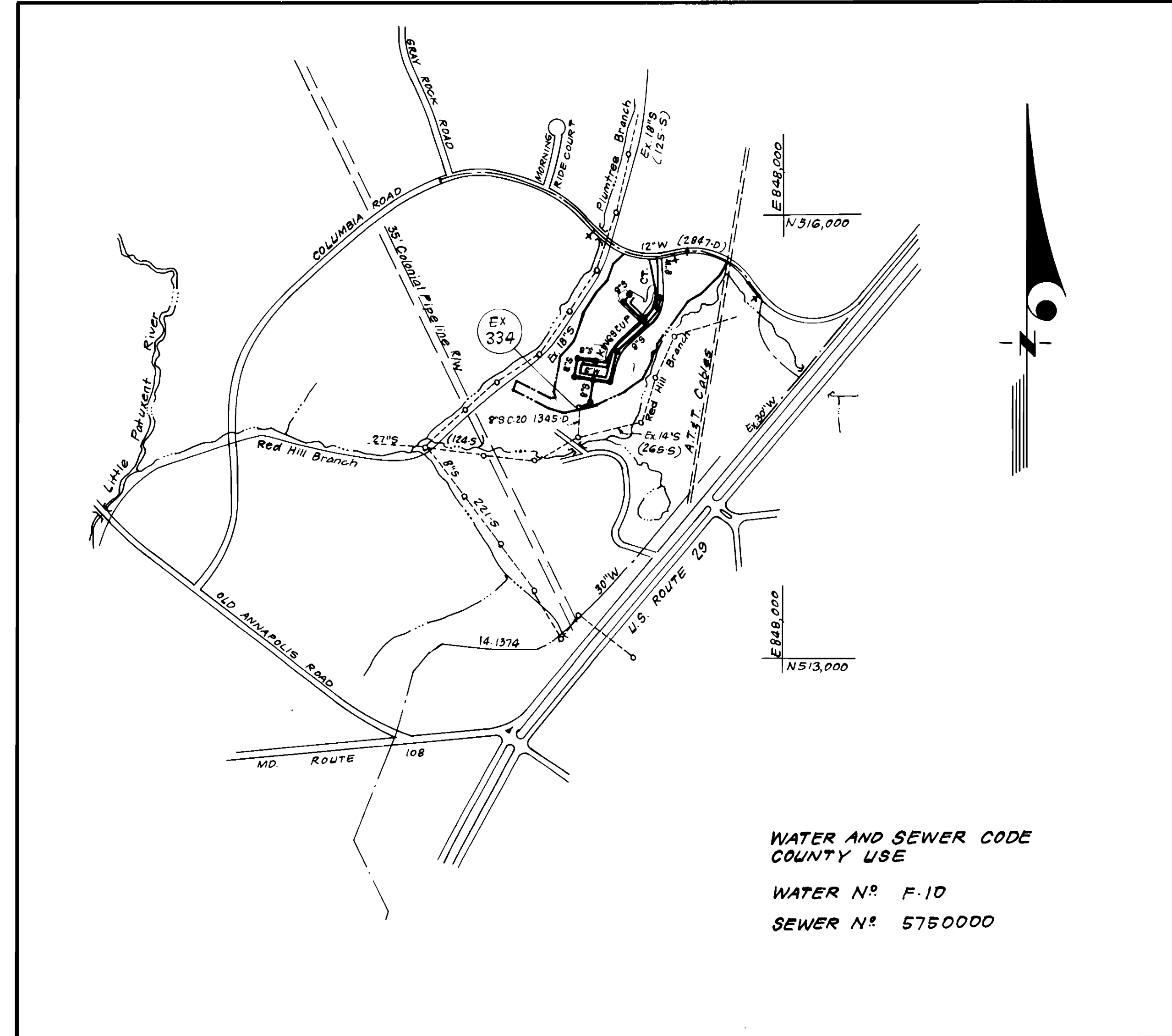


SEWER HOUSE CONNECTION TABLE					
LOTS	Inv. P.R.	Min. C.	LOTS	Inv. P.R.	Min. C.
E1 & E2	339.7	343.1	E42	329.5	332.8
E3 & E4	339.1	342.4	E43 & E44	329.7	333.0
E5	338.7	341.9	E45 & E46	330.0	333.4
E6 & E7	338.0	341.3	E47 & E48	330.3	333.5
E8	337.5	340.7	E49 & E50	330.8	334.0
E9 & E10	337.1	340.2	E51 & E52	331.1	334.4
E11 & E12	336.4	339.5	E53 & E54	331.6	335.0
E13 & E14	332.0	335.2	E55 & E56	332.4	335.7
E15 & E16	331.6	334.8	E57 & E58	331.6	334.8
E17 & E18	331.3	334.4	E59 & E60	331.9	335.1
E19 & E20	331.1	334.3	E61 & E62	335.4	338.6
E21 & E22	330.9	334.1	E63	336.3	339.4
E23 & E24	330.4	333.7	E64 & E65	337.4	340.6
E25 & E26	330.1	333.4	E66 & E67	335.0	339.2
E27 & E28	329.9	333.1	E68 & E69	332.0	336.2
E29 & E30	329.8	332.9	E70 & E71	333.1	336.3
E31	329.5	332.7	E72 & E73	333.7	336.8
E32 & E33	329.3	332.3	E74	333.4	336.5
E34 & E35	329.1	332.4	E75 & E76	334.2	337.4
E36 & E37	329.1	332.4	E77	334.7	337.8
E38 & E39	329.0	333.0	E78 & E79	335.0	338.2
E40 & E41	330.1	333.3	E80 & E81	335.4	338.6
			E82 & E83	335.1	338.2

TYPE OF BUILDING	Townhouses
NUMBER OF UNITS	83
NUMBER OF SHC's	83
NUMBER OF WHC's	83
DRAINAGE AREA	108 Pumping Station (Potapscoc)



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 & Ho. Co. Design Manual, Volume III. The contractor shall have a copy of Volume III 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 - 795-1390
 - 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.
- Manhole designated thus: WT shall have Watertight Frame & Cover.

CONTRACT NO. 24-1479-D
DORSEY HALL
SECTION 2 AREA 2
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 F.86-216; Drawings 4, 5 of S Sediment & Erosion Control.

REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT.
[Signature] 8-20-86
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] 8/20/86
Howard S.C.D. DATE

QUANTITIES			
ITEM	ESTM'D	AS-BUILT	MATERIAL/SUPPLIER
8"W	963 LF	991 LF	MUNICIPAL & CONTRACTOR SALES
6"W	717 LF	717 LF	" " " "
8"S	1,512 LF	1,512 LF	CHEMICAL & PLASTIC INC.
6"SHC	1,503 LF	1,503 LF	" " " "
2"WHC	70 LF	70 LF	MUNICIPAL & CONTRACTOR SALES
1"WHC	950 LF	950 LF	" " " "
3/4"WHC	1,375 LF	1,375 LF	" " " "
FH	4 EA	4 EA	US PIPE & FOUNDRY CO.
4'-0" DIA MH	12 EA	12 EA	ATLANTIC PRECAST CO.
6"V (excl. FH)	2 EA	2 EA	US PIPE & FOUNDRY
8"D.C. TYPE "A"	1 EA	1 EA	" " " "
1 1/2" DRAIN	1 EA	1 EA	" " " "
8"V	2 EA	2 EA	" " " "

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

[Signature] 8-28-86
DIRECTOR OF PUBLIC WORKS DATE

[Signature] 8-28-86
CHIEF, BUREAU OF ENGINEERING DATE

[Signature] 8-26-86
CHIEF, BUREAU OF UTILITIES DATE

[Signature] 7-14-86
CHIEF, LAND DEVELOPMENT DIV. DATE

CLARK-FINEFROCK & SACKETT
ENGINEERS-PLANNERS-SURVEYORS

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

STATE OF MARYLAND
RICHARD J. WELLS
REGISTERED PROFESSIONAL SURVEYOR
7-14-86

DES: JTR			
DRN: JTR			
CHK: JTR	2	Deleted 28 LF of 8"W, 12" 8"TS 1V and 8"V.	10-29-86
	VLM	1	Added 8"V to Quantities Table
			10-8-86
DATE: 7-14-86	BY NO.	REVISION	DATE

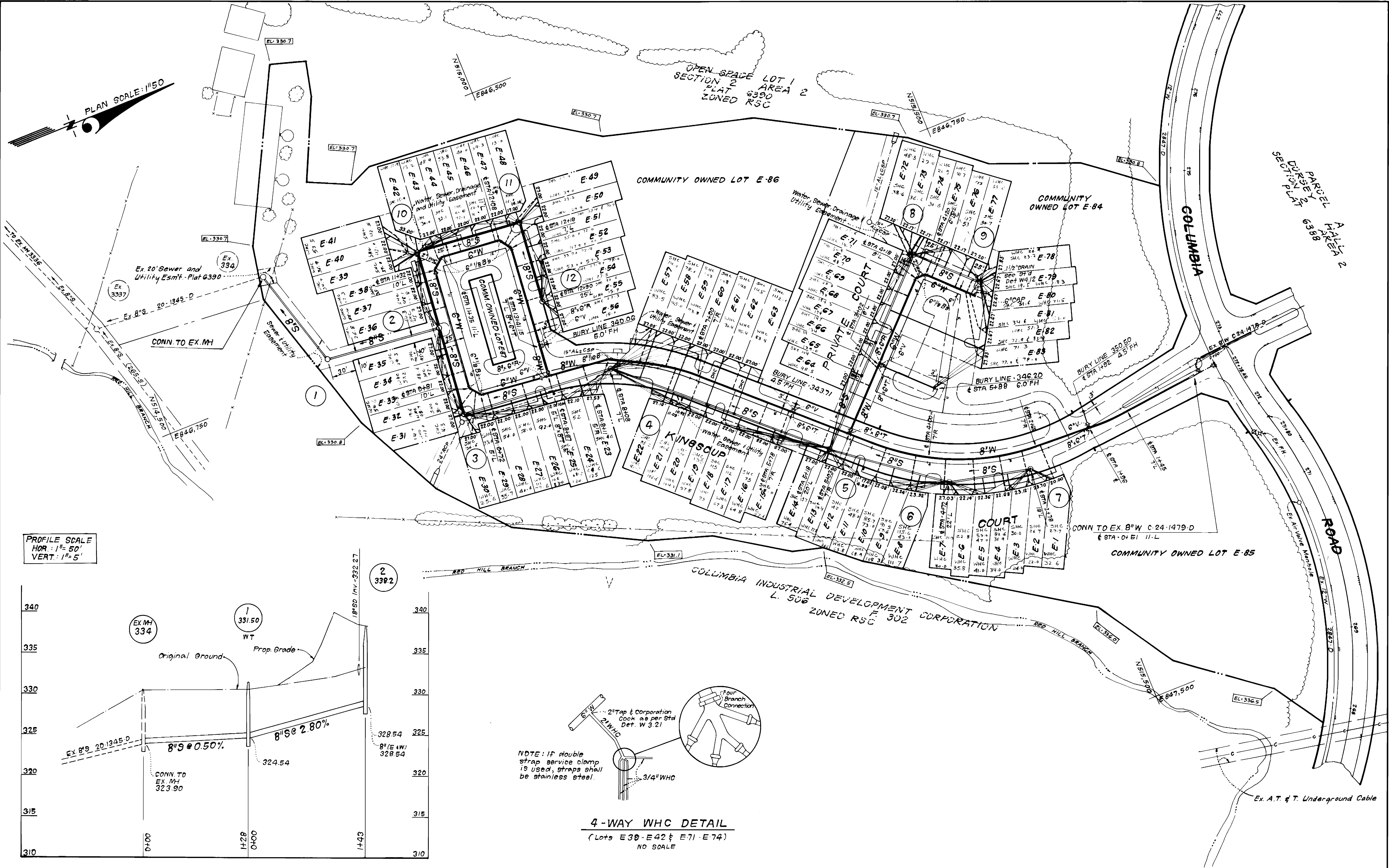
TITLE SHEET

600'SCALE MAP NO. 32 BLOCK NO.

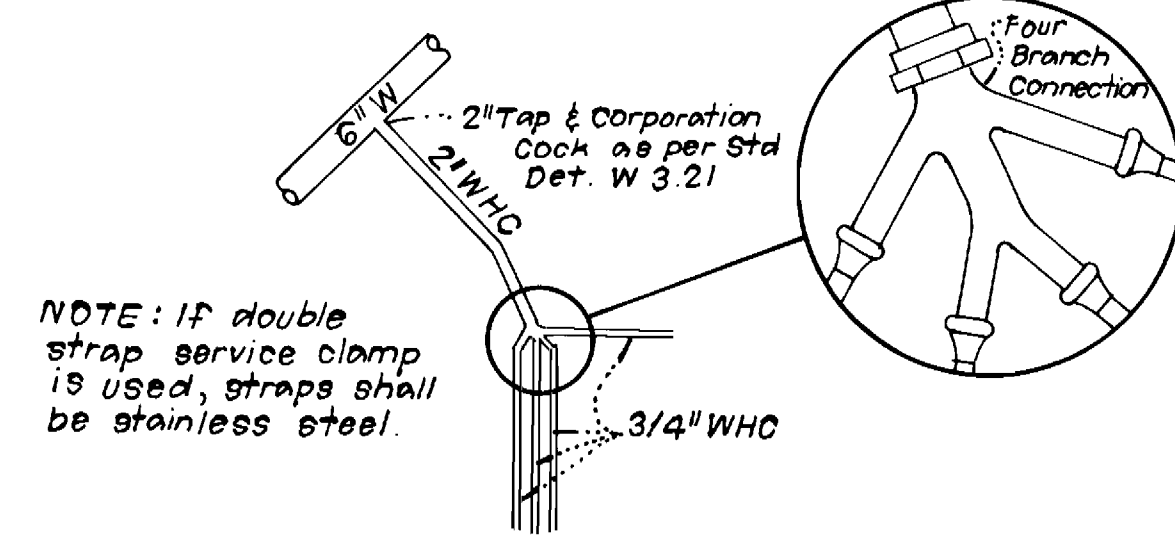
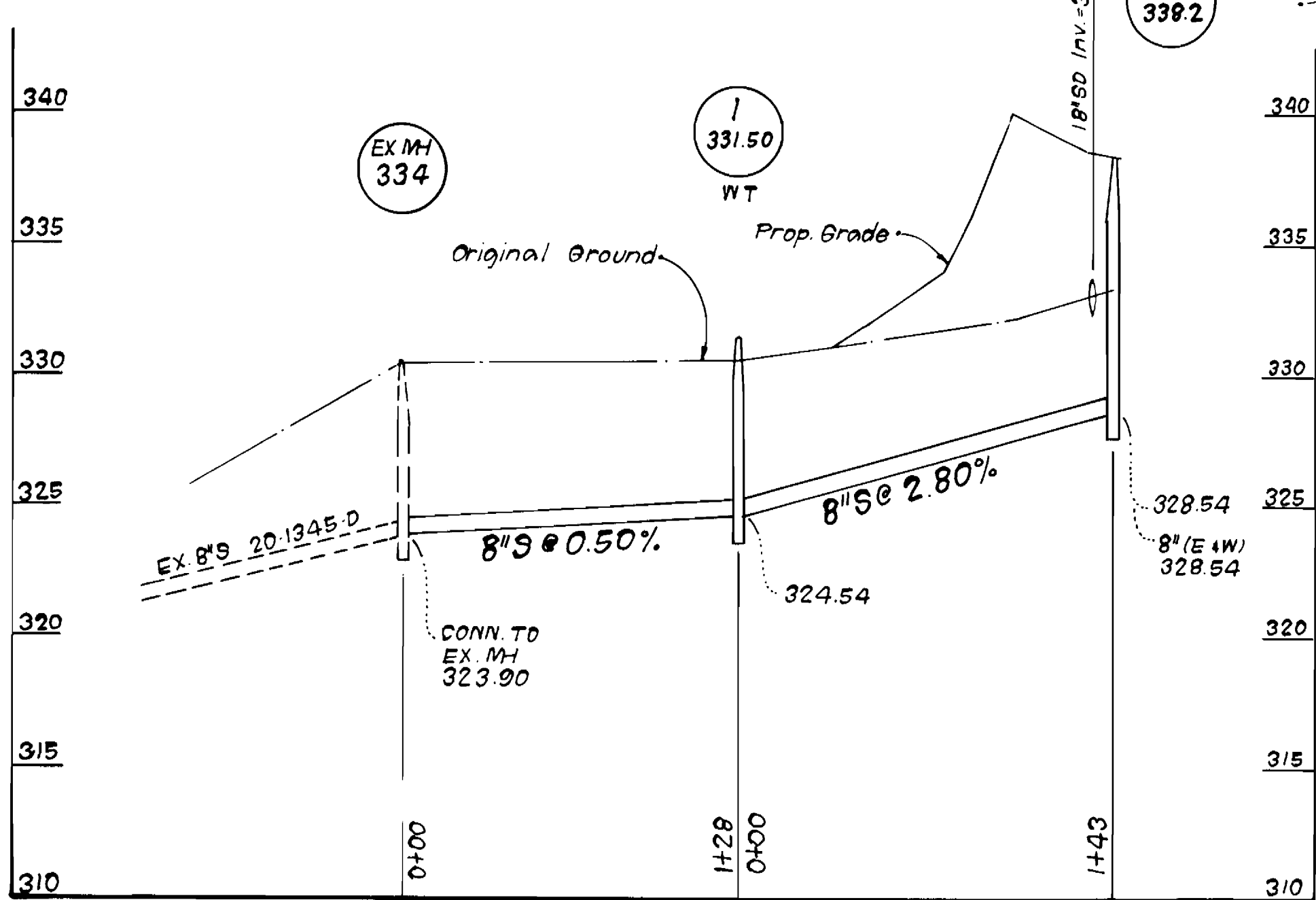
DORSEY HALL
SECTION 2 AREA 2
LOTS E-1 THRU E-87
2ND ELECTION DISTRICT
CONTRACT NO. 24-1479-D

SCALE AS SHOWN

SHEET 1 OF 3



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



4-WAY WHC DETAIL
 (Lots E30-E42 & E71-E74)
 NO SCALE

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

Michael J. Nemy
 DIRECTOR OF PUBLIC WORKS
 DATE: 8-21-86

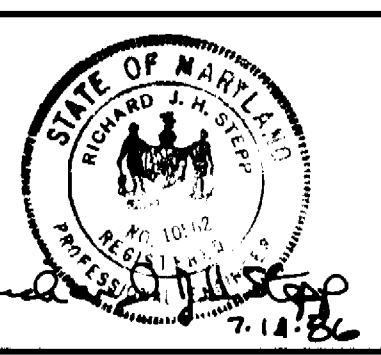
Richard J. ...
 CHIEF, BUREAU OF ENGINEERING
 DATE: 8-28-86

...
 CHIEF, BUREAU OF UTILITIES
 DATE: 8-26-86

...
 CHIEF, LAND DEVELOPMENT DIV.
 DATE: ...

CFE CLARK · FINEPROCK & SACKETT
 ENGINEERS · PLANNERS · SURVEYORS

11315 LOCKWOOD DRIVE SILVER SPRING, MARYLAND 20904
 (301) 583-3400



DES: JTR			
DRN: JTR			
CHK: JTR	2	Deleted 28" LF 8"W, 12" 8" TSIV and 8"W.	10-29-86
	1	Added 8" V Plug at E Sta. 0+43	10-8-86
DATE: 7-14-86	BY NO.	REVISION	DATE

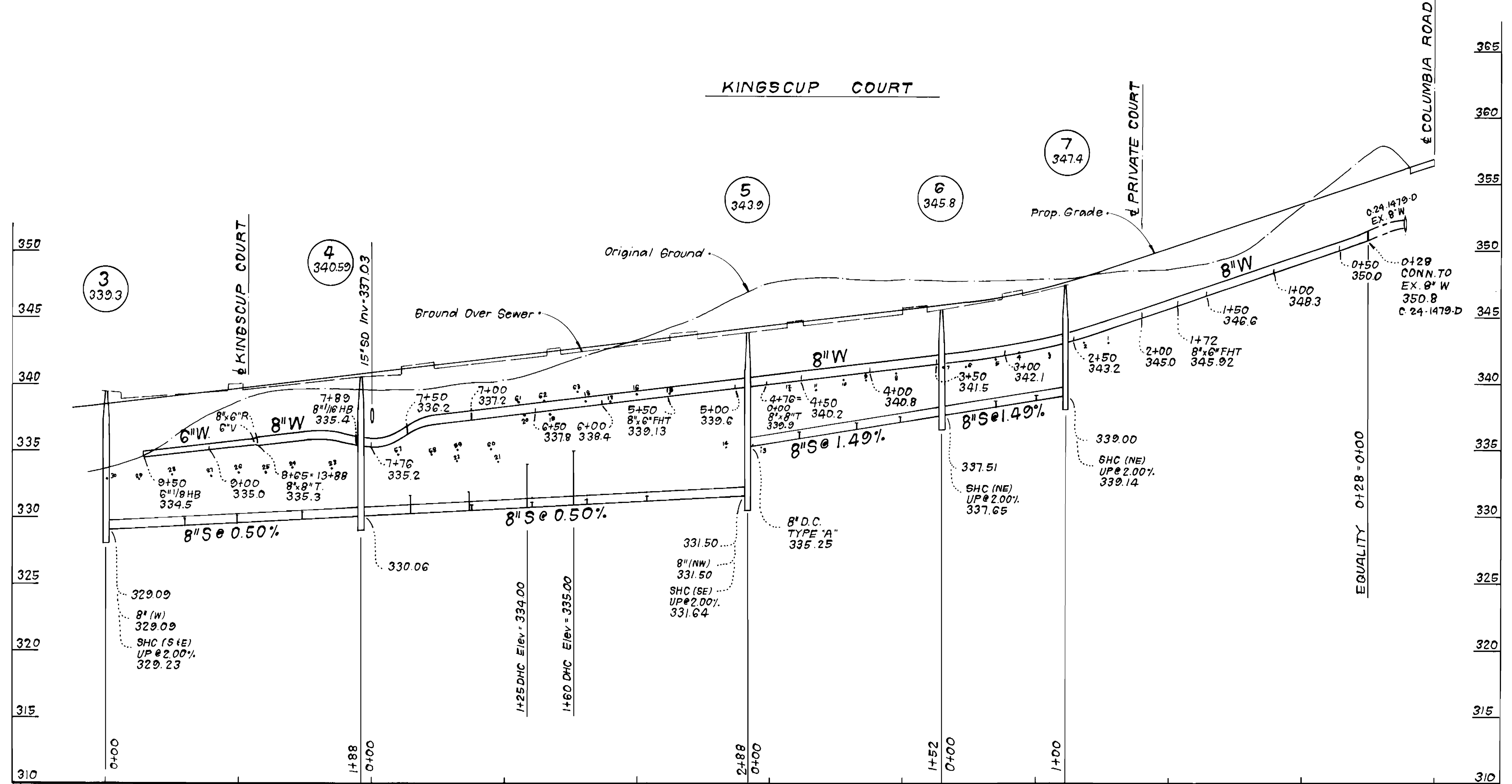
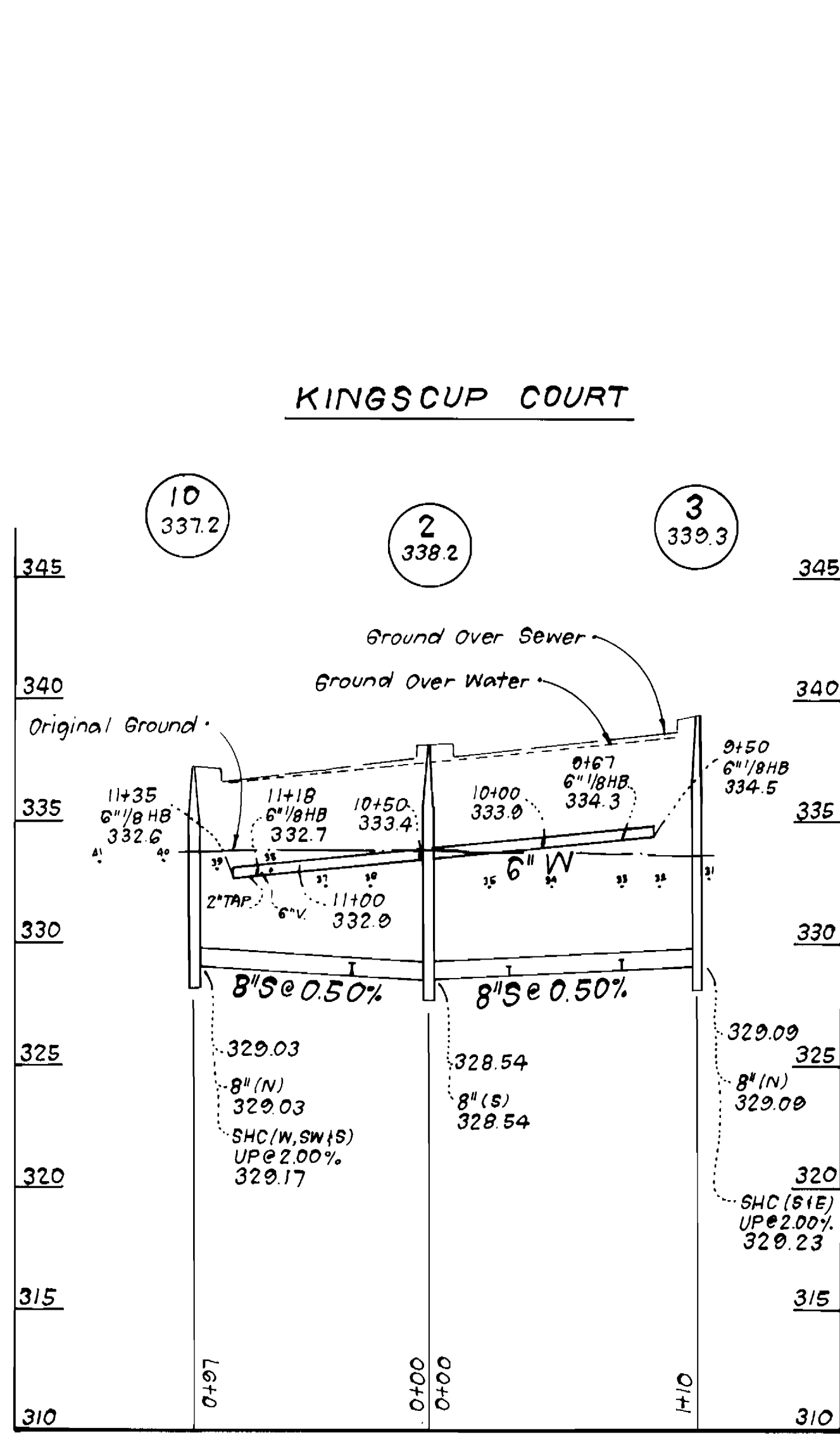
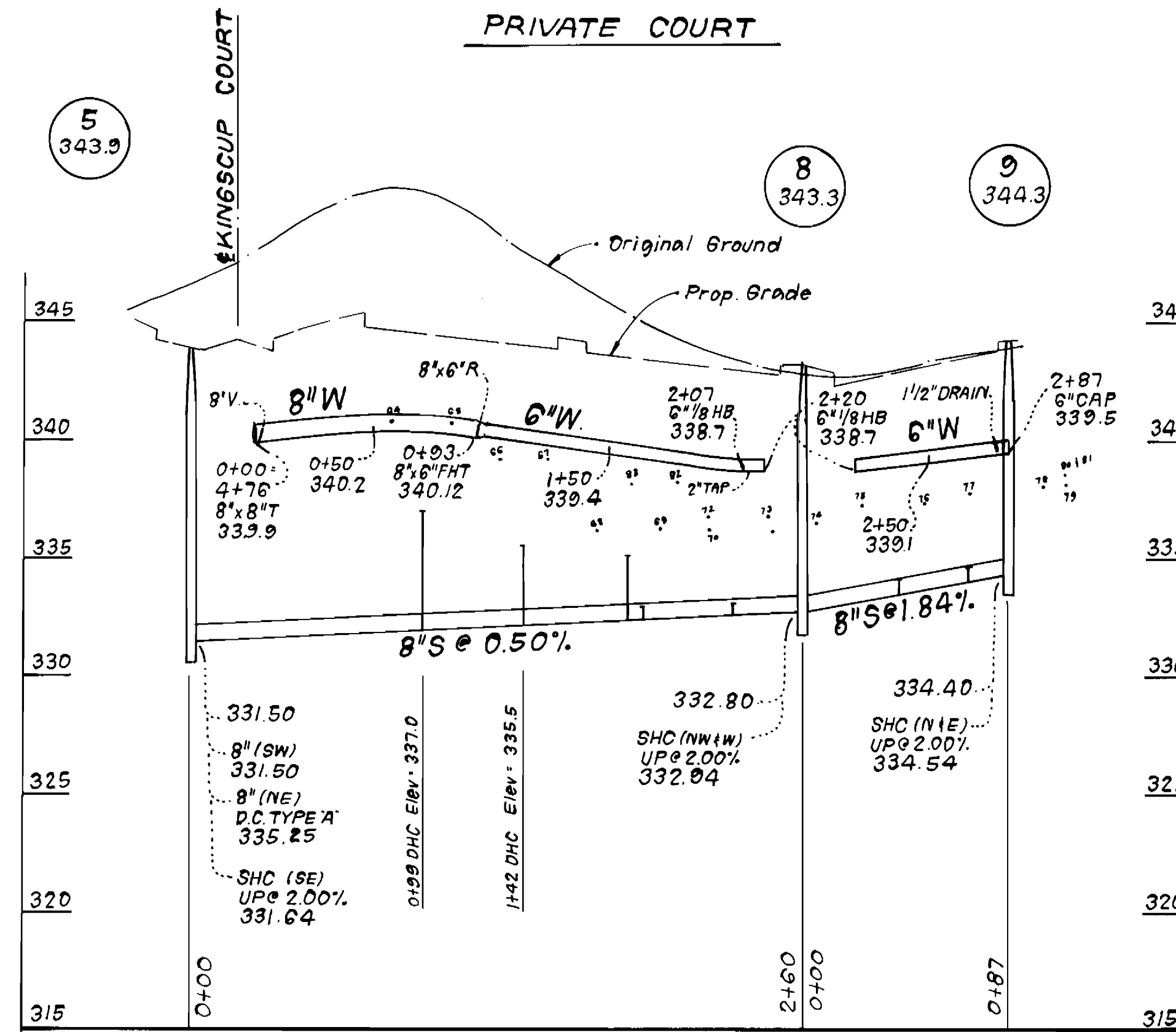
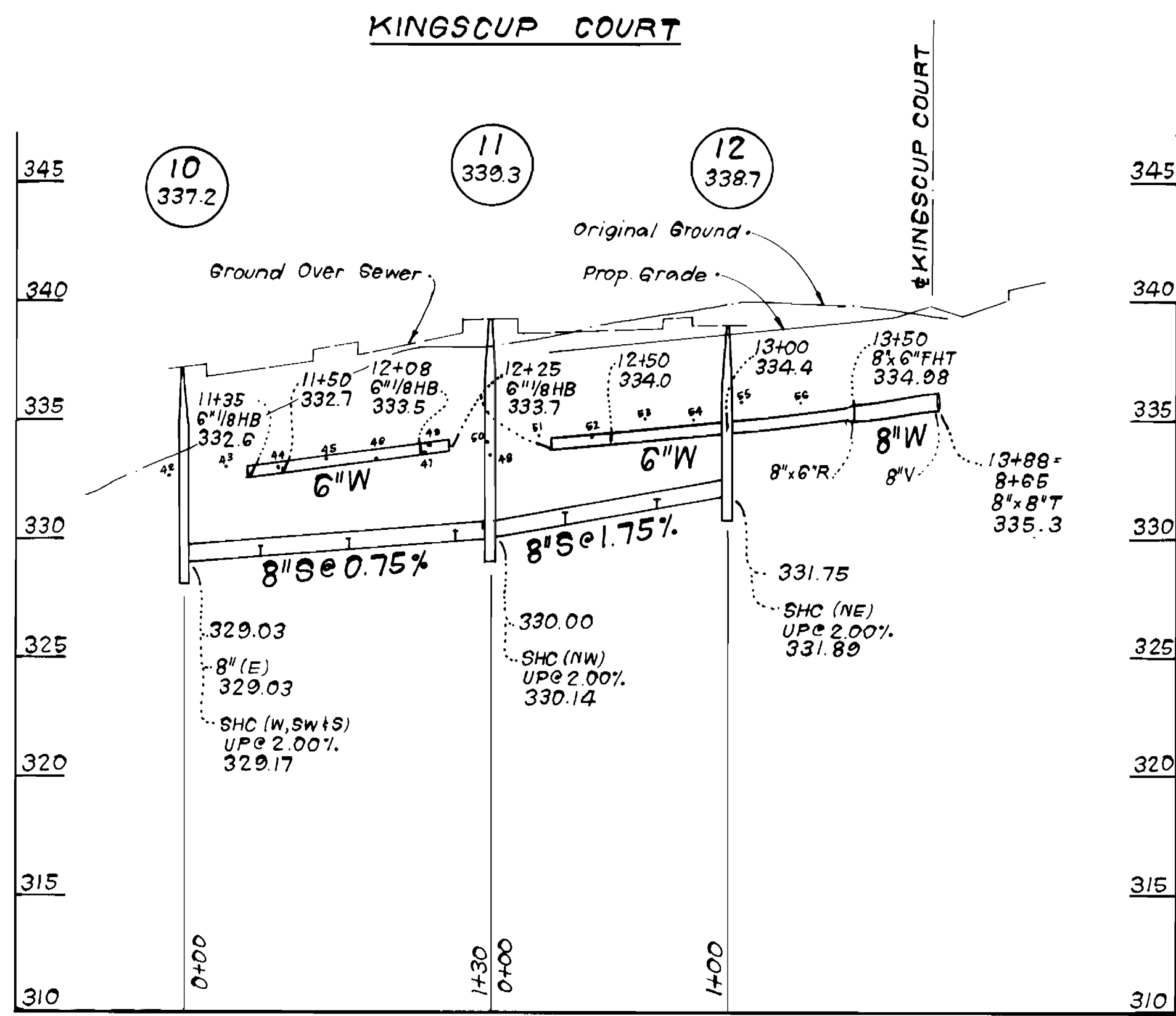
PLAN & PROFILES OF
 WATER & SEWER MAINS

600 SCALE MAP NO. 30 BLOCK NO.

DORSEY HALL
 SECTION 2 AREA 2
 LOTS E-1 THRU E-87
 2ND ELECTION DISTRICT
 CONTRACT NO. 24-1479-D

SCALE
 AS
 SHOWN

SHEET
 2 OF 3



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

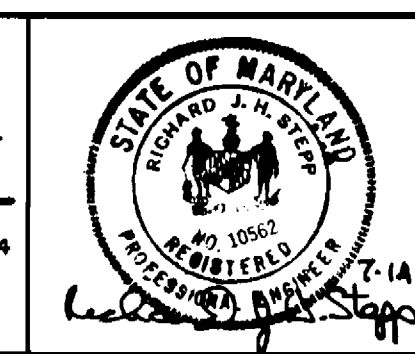
Robert M. Smith 8-26-86
 DIRECTOR OF PUBLIC WORKS DATE

Robert M. Smith 8-26-86
 CHIEF, BUREAU OF UTILITIES DATE

Robert M. Smith 8-26-86
 CHIEF, LAND DEVELOPMENT DIV. DATE

CFE CLARK · FINEPROCK & SACKETT
 ENGINEERS · PLANNERS · SURVEYORS

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



DES:	JTR			
DRN:	JTR			
CHK:	JTR	2	Deleted 28 LF of 8" W, 12" x 8" TS1V and 8" V	09.29.86
	VLM	1	Added 8" x 8" T to Kingscup Court Profile	10.8.86
DATE:	7/14/86	BY:	NO.	REVISION

PROFILES OF
 WATER & SEWER MAINS

600' SCALE MAP NO. 30 BLOCK NO.

DORSEY HALL
 SECTION 2 AREA 2
 LOTS E-1 THRU E-87
 2ND ELECTION DISTRICT
 CONTRACT NO. 24-1479-D

SCALE
 HORZ: 1"=50'
 VERT: 1"=5'

SHEET
 3 OF 3