

**CONTRACT No. 170 W & S**  
**WATER & SEWER EXTENSIONS**  
**HOWARD COUNTY METROPOLITAN COMMISSION**  
**ELLICOTT CITY, MARYLAND**



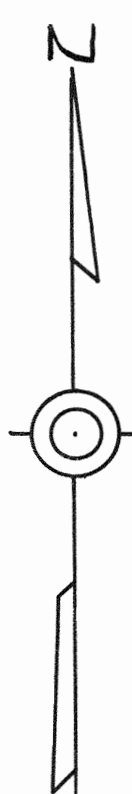
*Kenneth A. McCoy*

TURTLE COVE  
Contract # 170W&S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: 5/15/01  CHIEF ENGINEER	CONTRACT NO. 170 W & S	LOCATION MAP	COLUMBIA VILLAGE OF WILDE LAKE ELECTION DISTRICT-CLARKSVILLE No.5	DRAWING NO. 1 OF 3	SCALE AS SHOWN
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WS 170-W&S/1

43° 50' 10"  
 200.00'  
 79.75'  
 151.54'  
 25.16.92

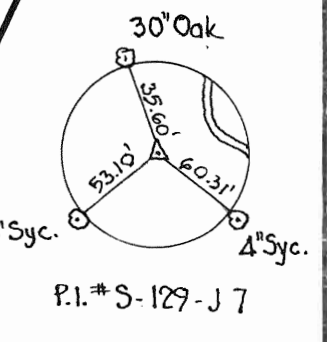
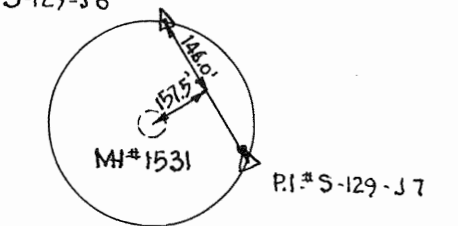
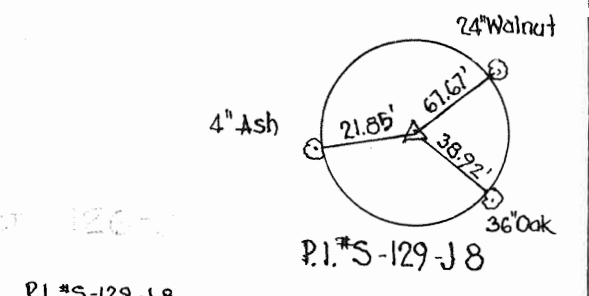


899,260 E  
 506,000 N

**WILDE LAKE**  
 STATIC WATER LEVEL 335.0

899,750 E  
 505,500 N

899,000 E  
 505,250 N



**GENERAL NOTES**

1. Approximate locations of existing utilities are shown. The Contractor shall take all necessary precautions to protect the existing utilities and to maintain uninterrupted service. Any damage incurred due to Contractor's operations shall be repaired immediately at the Contractor's expense.
2. All pipe elevations are invert elevations.
3. The Contractor shall test pit existing utilities, which will be encountered during construction, a minimum of two weeks in advance of operations.
4. For all details not shown on drawings see Standards bound in Specifications.
5. Trees are to be protected against damage to the maximum extent reasonable. Trees which are to remain in streets and other rights of way will be marked by the Engineer prior to commencing of construction operations.
6. Buttress all fittings with concrete, see Standards bound in Specifications.
7. All water mains to be cast iron pipe or ductile iron pipe.
8. Water house connections shall be laid 3 1/2 feet below existing grade.
9. Fire Hydrants shall be set of the bury line elevations shown on the drawings.
10. Sewer Manholes shall be 4'-0" inside diameter except where otherwise noted.
11. A pipe joint shall be provided in each sewer main 2'-0" from the exterior of manhole walls.
12. Sewer house connections shall be 6" pipe sloped up @ 2% from main sewer except where shown on plan as 1%.
13. Water & Sewer mains not to be constructed until proposed Grades as shown on the profiles are accomplished.



*Kenneth A. M. [unclear]*

Turtle Cove  
Contract 170W&S

WHITMAN, REQUARDT & ASSOCIATES  
 ENGINEERS  
 1304 ST. PAUL ST.  
 BALTIMORE, MARYLAND

HOWARD COUNTY METROPOLITAN COMMISSION  
 DATE: \_\_\_\_\_ CHIEF ENGINEER \_\_\_\_\_

CONTRACT NO. 170 W & S  
 PLAN OF WATER & SEWER

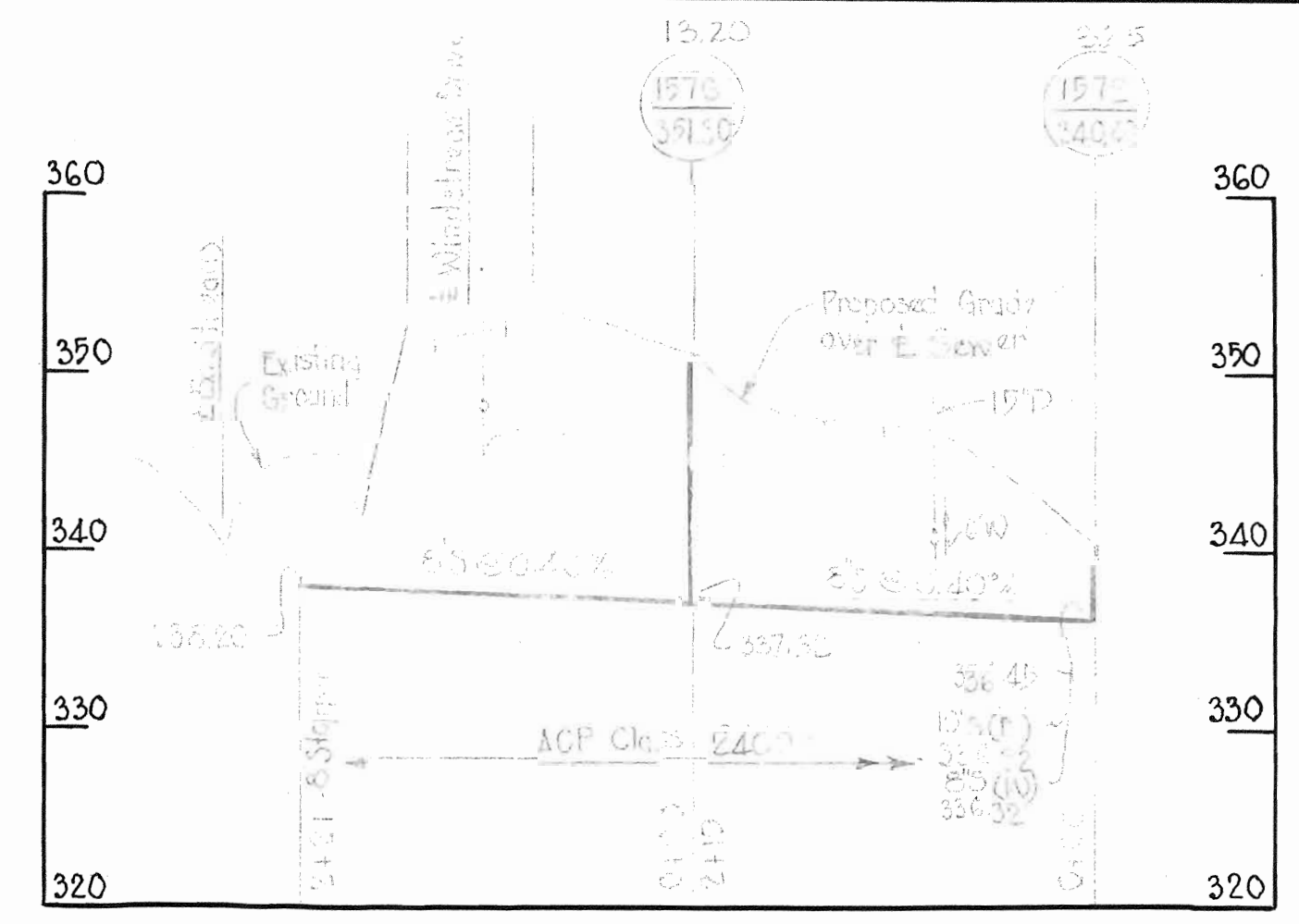
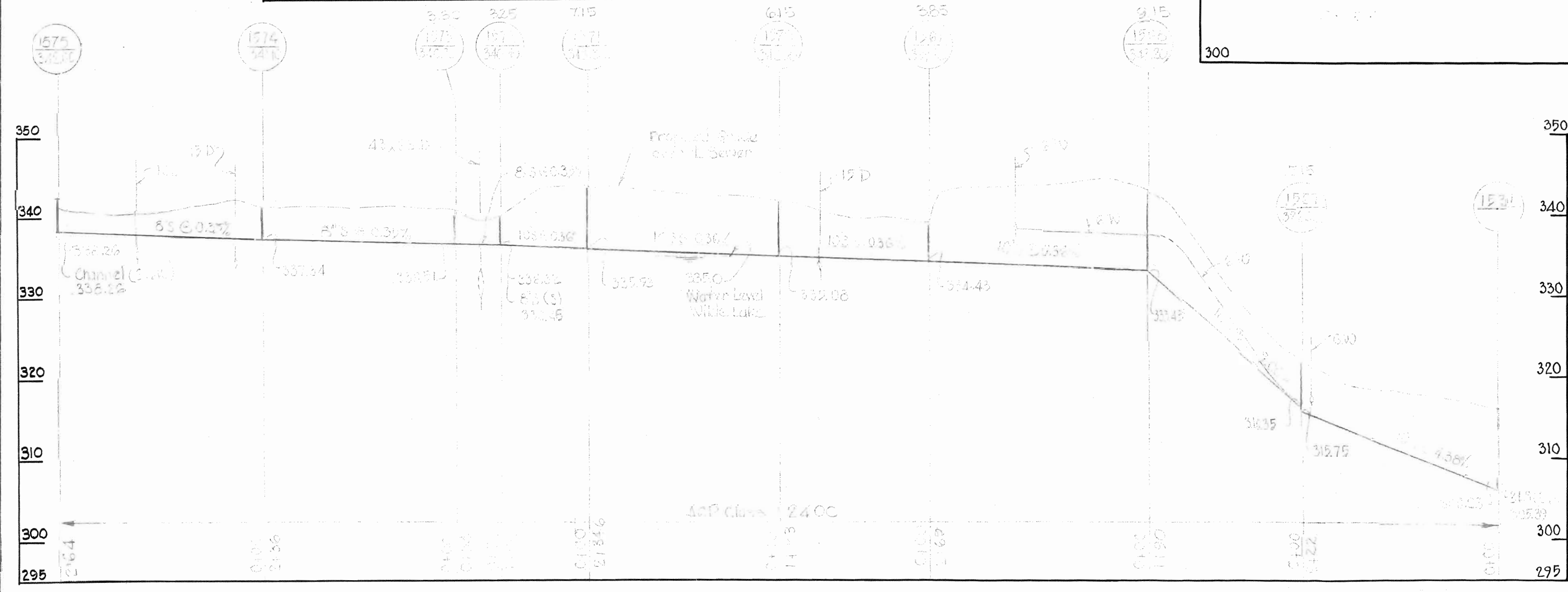
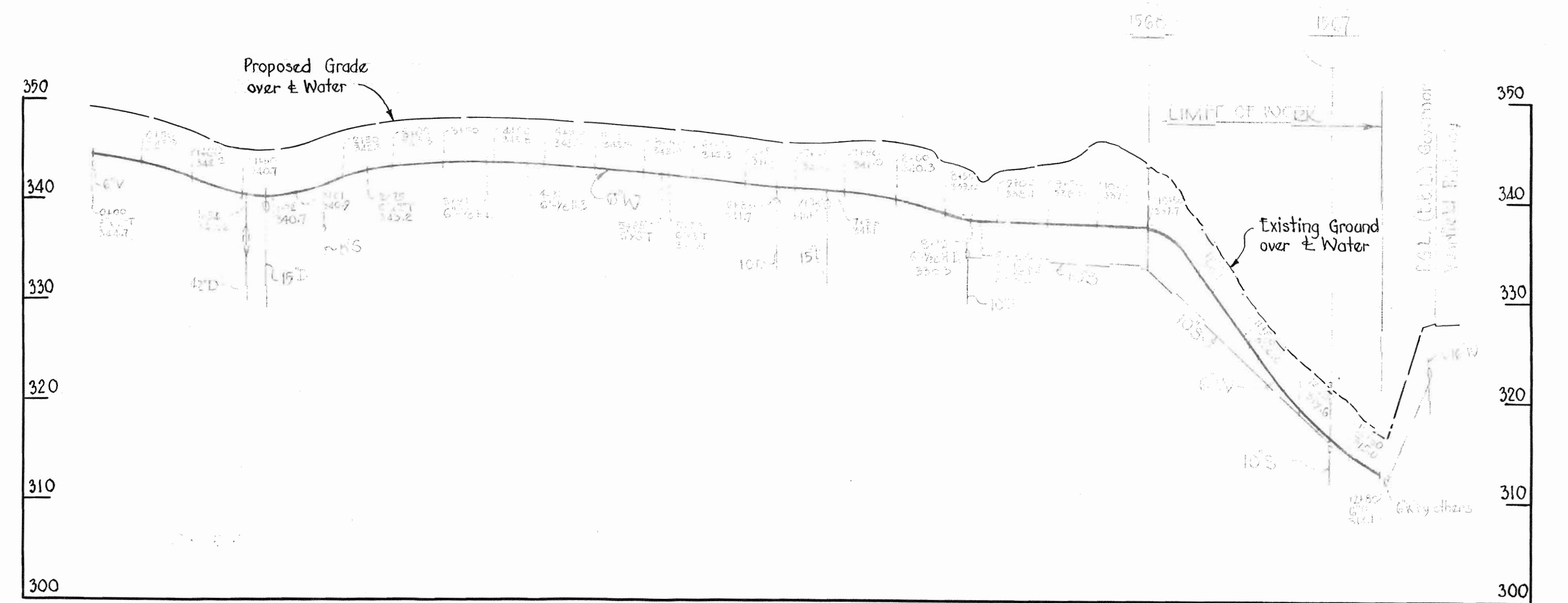
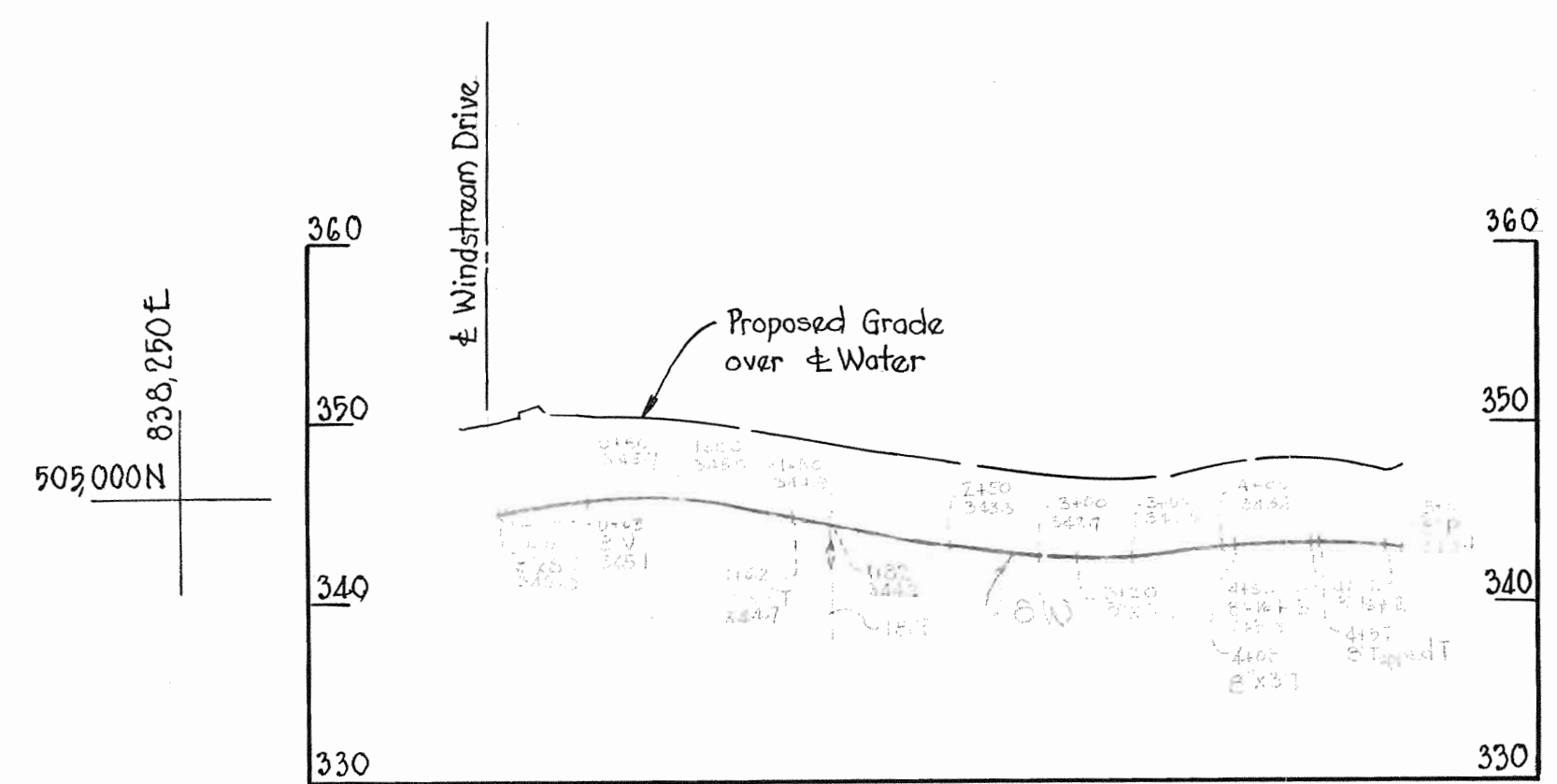
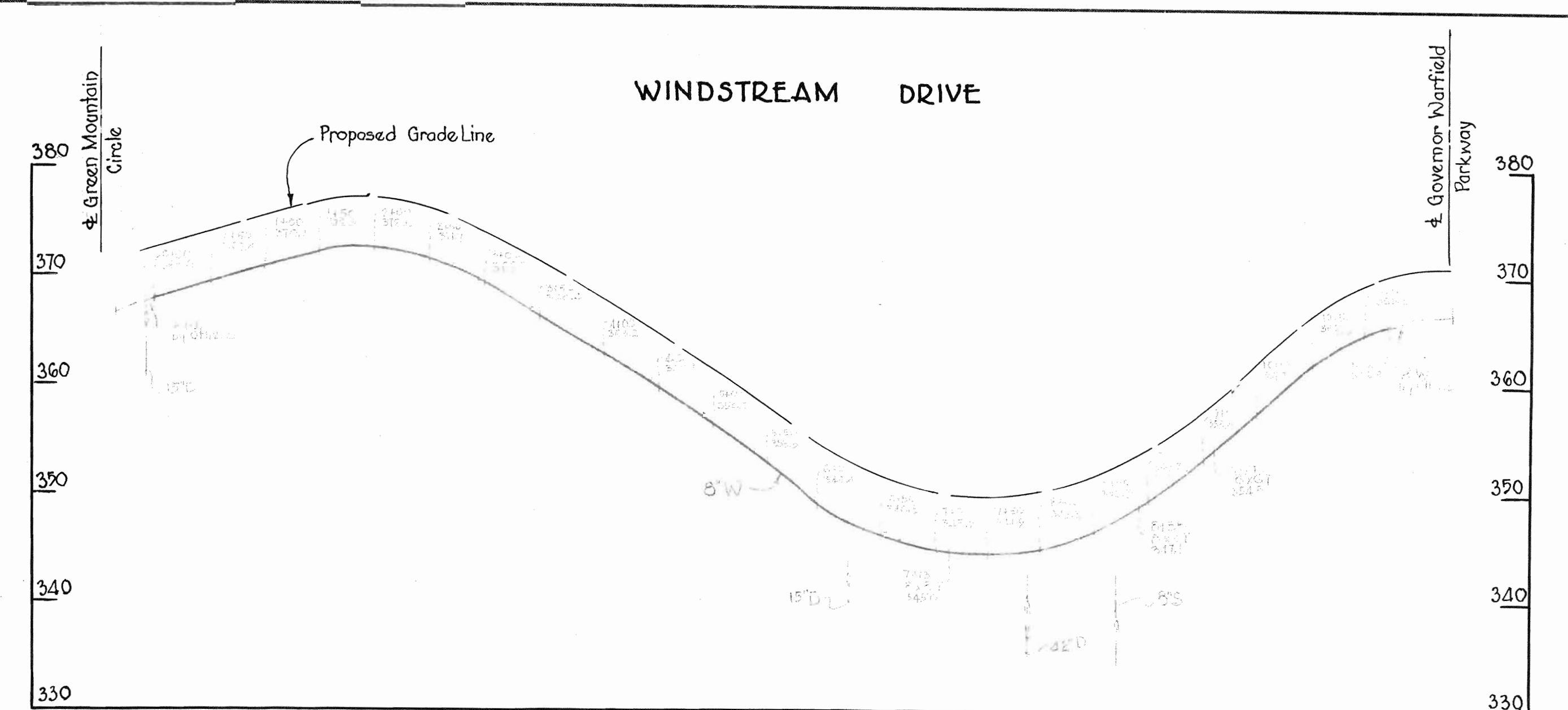
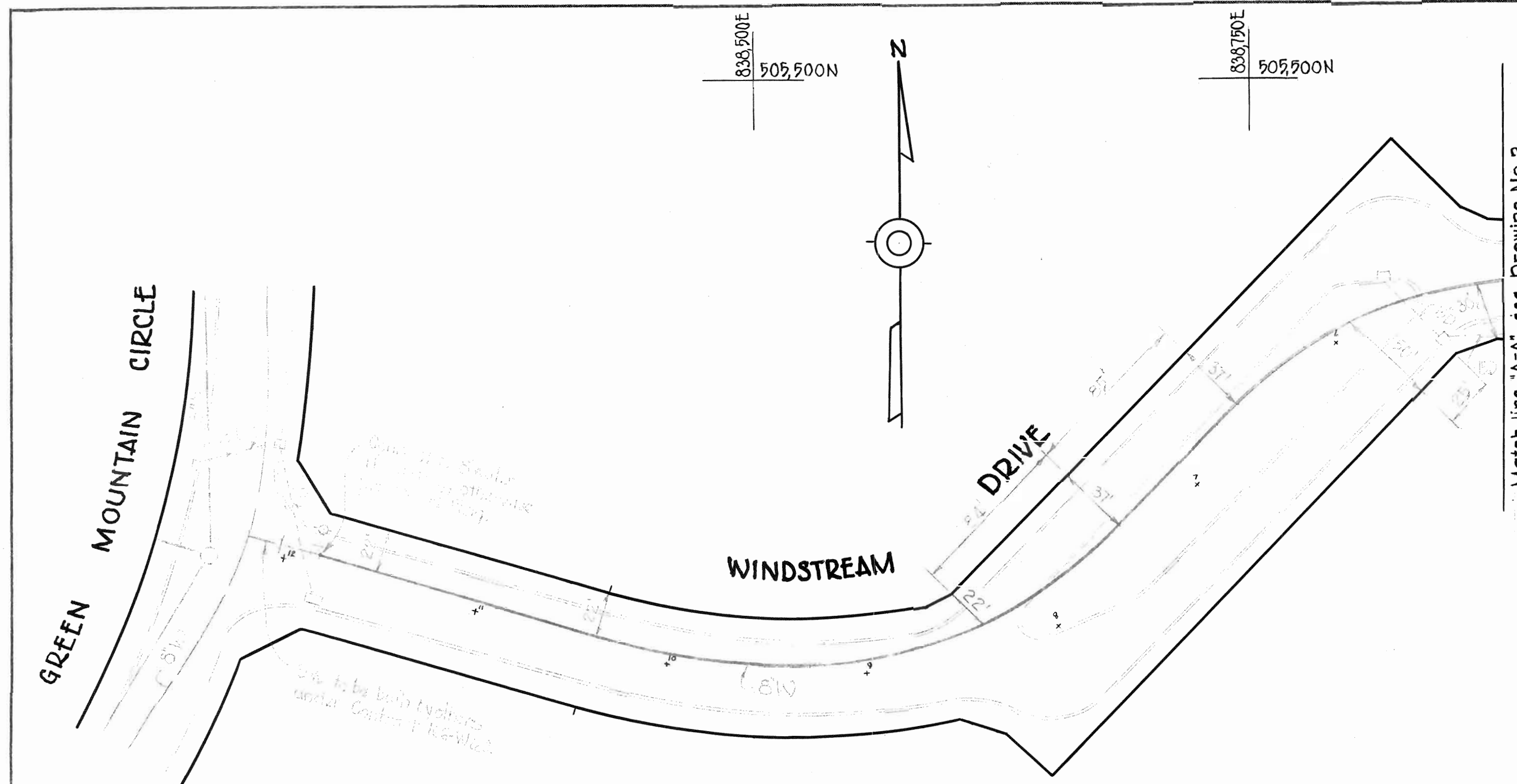
COLUMBIA  
 VILLAGE OF WILDE LAKE  
 ELECTION DISTRICT-CLARKSVILLE No.5

DRAWING NO. 2 OF 3  
 SCALE 1"=50'

W. O. 5735

WS 170-W&S/2

WS 170-W&S/3



*Kenneth A. Meland*  
Turtle Cove  
Contract N°170 W&S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE _____ CHIEF ENGINEER _____	CONTRACT NO. 170 W&S	PLAN AND PROFILES	COLUMBIA VILLAGE OF WILDE LAKE ELECTION DISTRICT CLARKSVILLE No.5	DRAWING NO. 3 OF 3 SCALE AS SHOWN	DATE NOV 10 1967
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W. O. 5735