

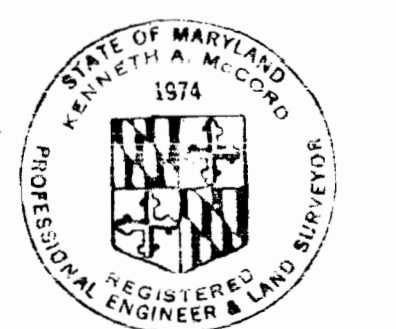
VICINITY MAP
Scale: 1" = 1600'

GENERAL NOTES

1. 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.
2. All pipe elevations shown are invert elevations.
3. The Contractor shall locate existing utilities a minimum of two weeks in advance of construction operations in vicinity of utilities.
4. For all standard details see standards bound in Specifications.
5. Clear all utilities by a minimum of 6', clear all poles by 2'-0" minimum or tunnel as required.
6. The Contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole walls.
7. All manholes shall be 4'-0" inside diameter.
8. All water mains shall have a minimum of 3 1/2' cover unless otherwise noted.
9. Block all fittings with concrete, see standards bound in Specifications.
10. Bury line elevations on Fire hydrants shall be set to the elevations shown on the drawings.
11. All horizontal and vertical controls are based on Maryland State Datum.

NOTE:
Test Pits of 20' Gns. diam. were made by Baltimore Gas and Electric Co.

QUANTITIES	
5" Water	950'
6" Water	2100'
8" Water	1350'
8" Sewer	3,850'
Fire Hydrants	7

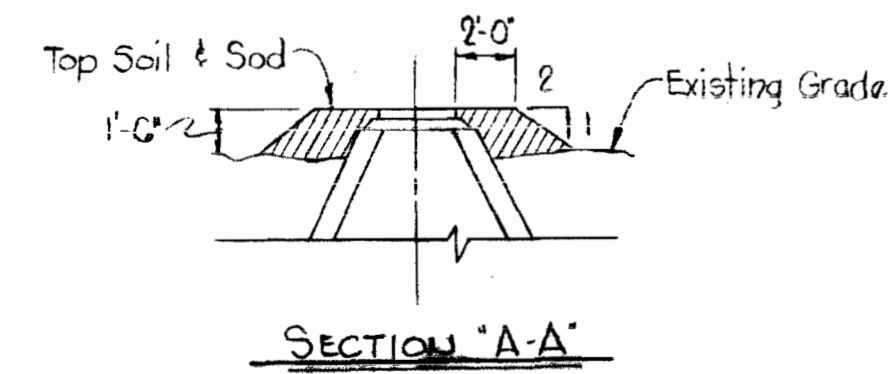
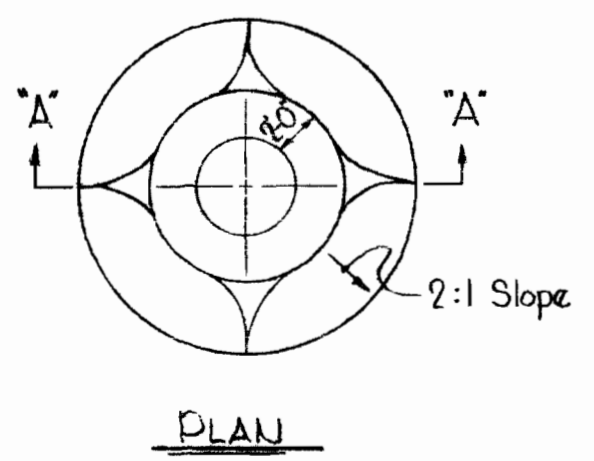
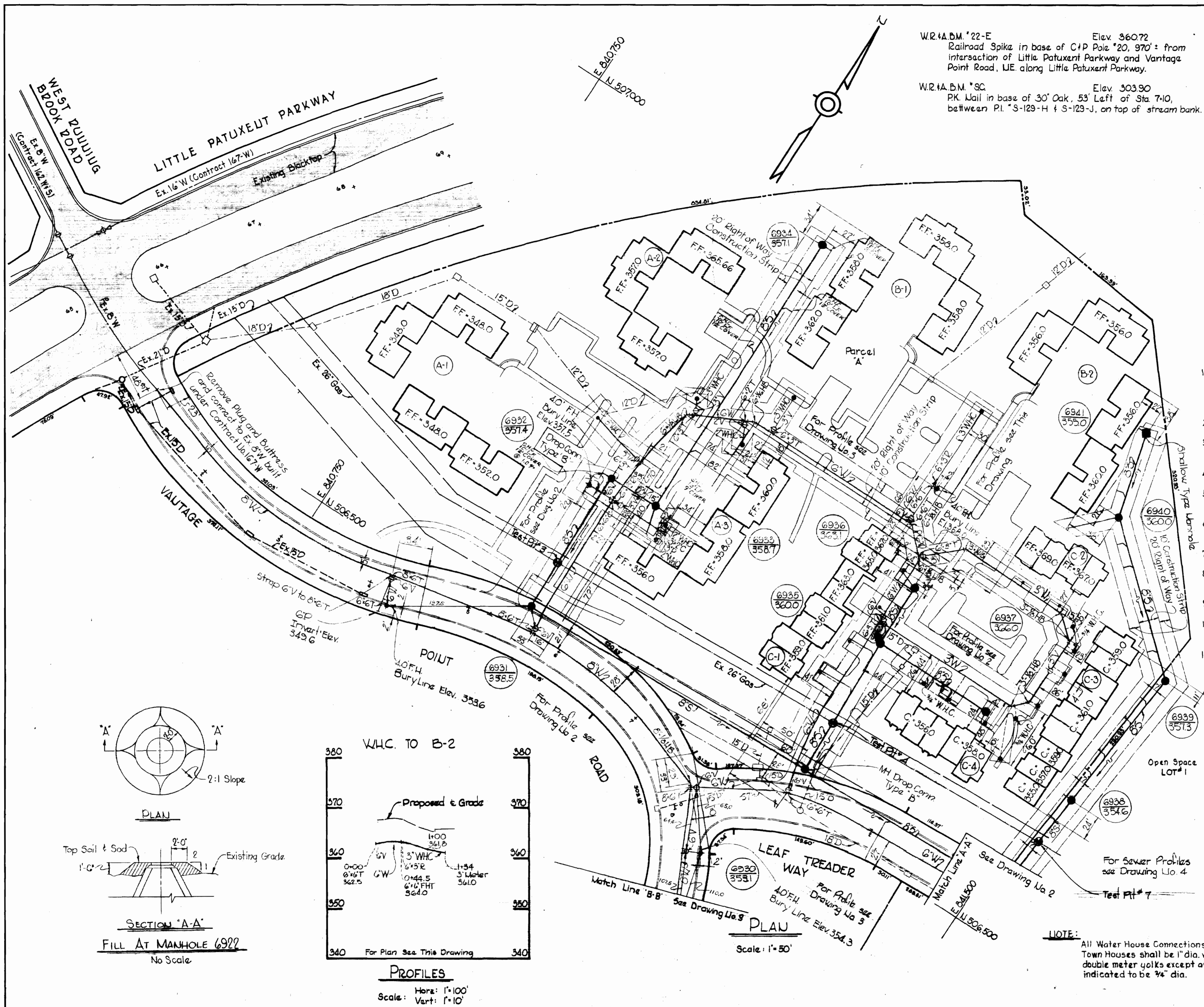


Kenneth A. Malard

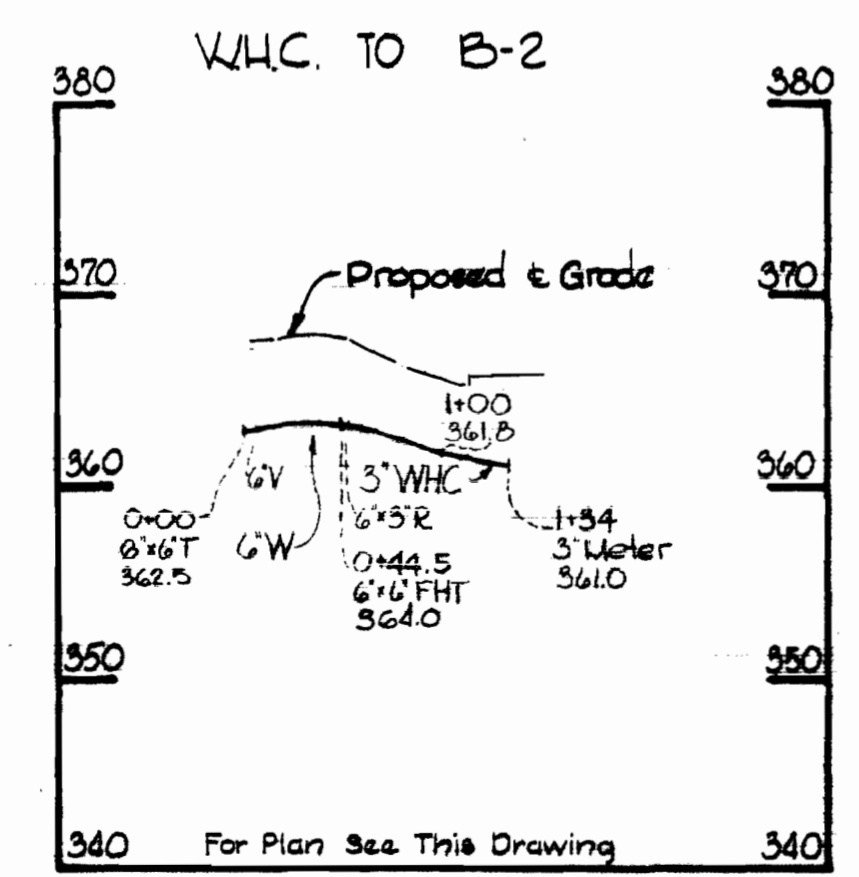
Town Center
Parcel 'A' & 'B'
Section 7, Area 7
Woodford
Contract No. C-477-D-W/5

W.R. & B.M. '22-E Elev. 36072
Railroad Spike in base of CIP Pole '20, 970' from intersection of Little Patuxent Parkway and Vantage Point Road, I.E. along Little Patuxent Parkway.

W.R. & B.M. '9C Elev. 30390
PK. Nail in base of 30" Oak, 53' Left of Sta. 7+10, between P.I. 'S-129-H & S-129-J, on top of stream bank.



FILL AT MANHOLE 6922
No Scale



NOTE:
All Water House Connections to Town Houses shall be 1" dia. with double meter yokes except as indicated to be 3/4" dia.

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

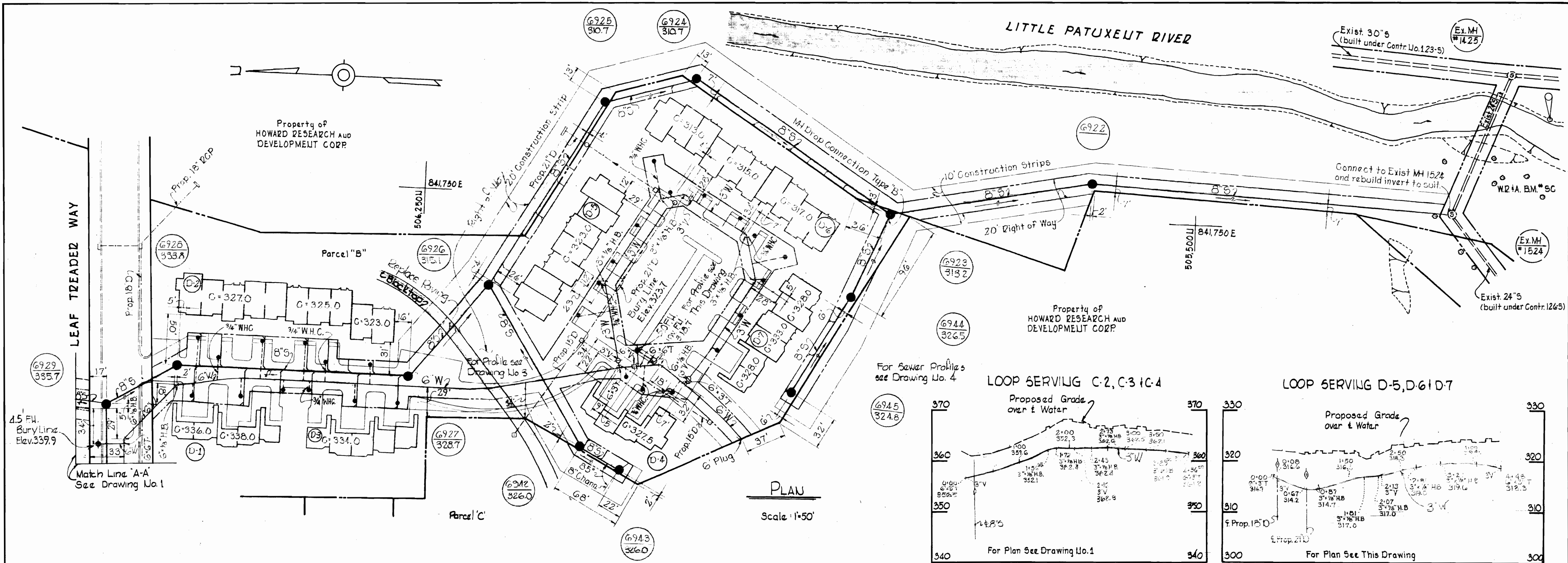
DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
W. O. Gilbert
CHIEF - BUREAU OF WATER AND SEWER

CONTRACT NO. C-477-D-W/5

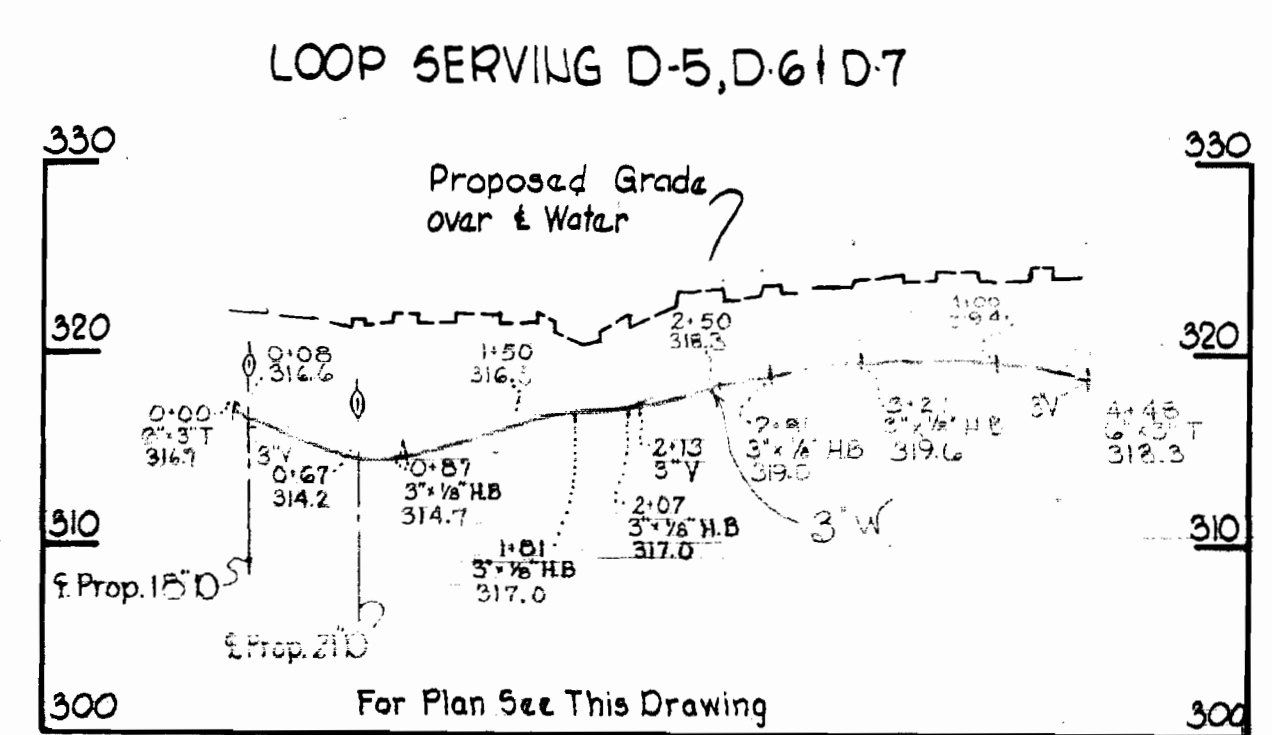
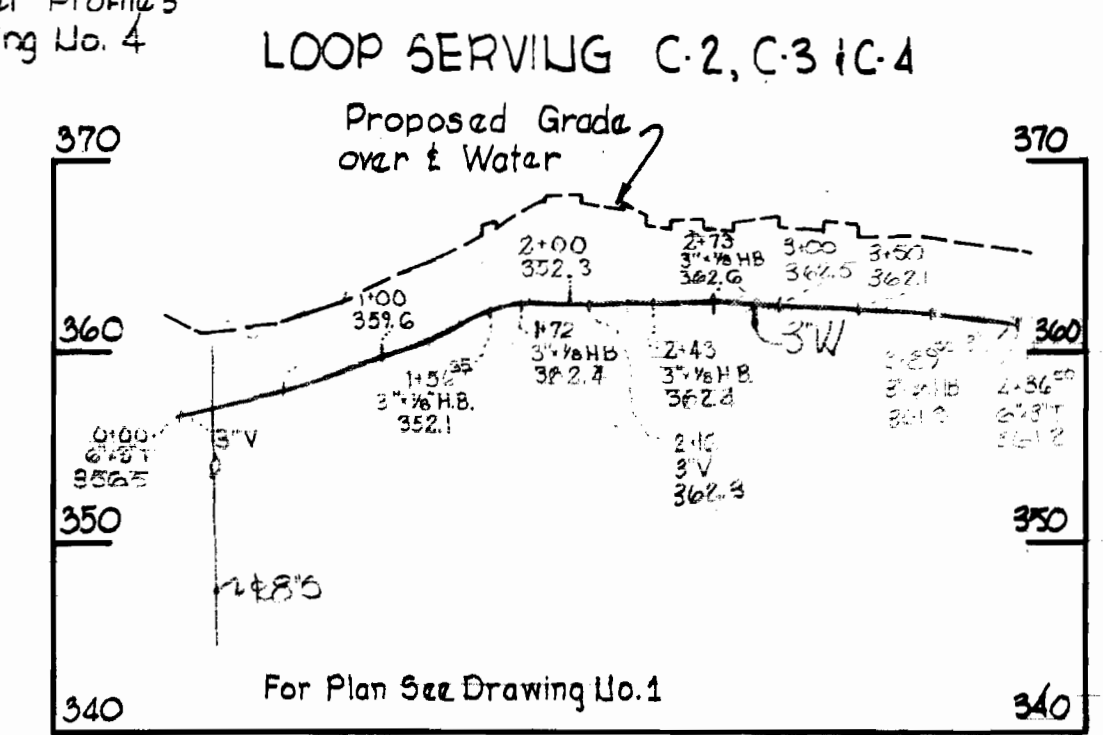
PLAN OF
WATER & SEWER MAINS

COLUMBIA
TOWN CENTER
ELECTION DISTRICT CLARKVILLE NO. 5

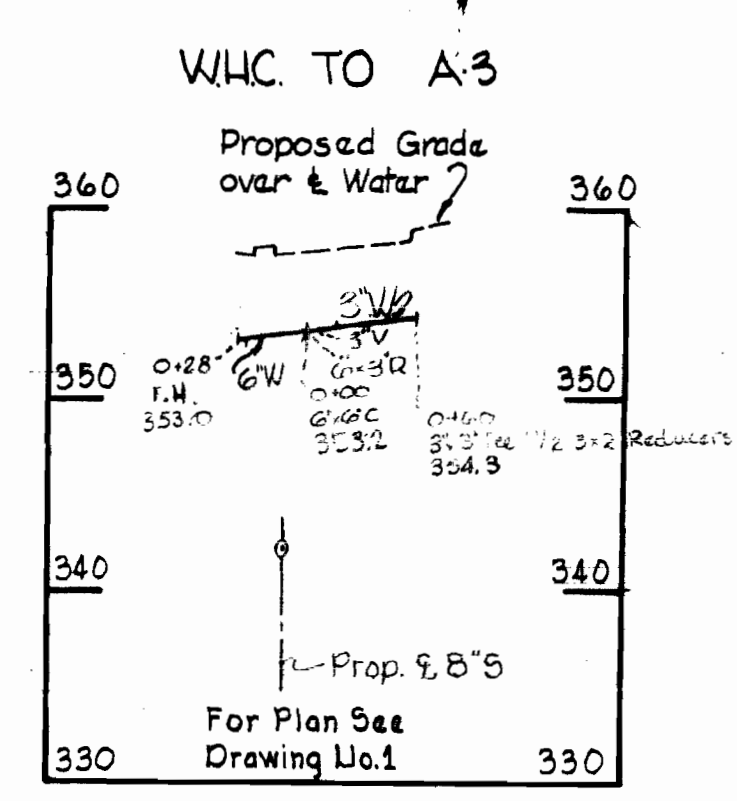
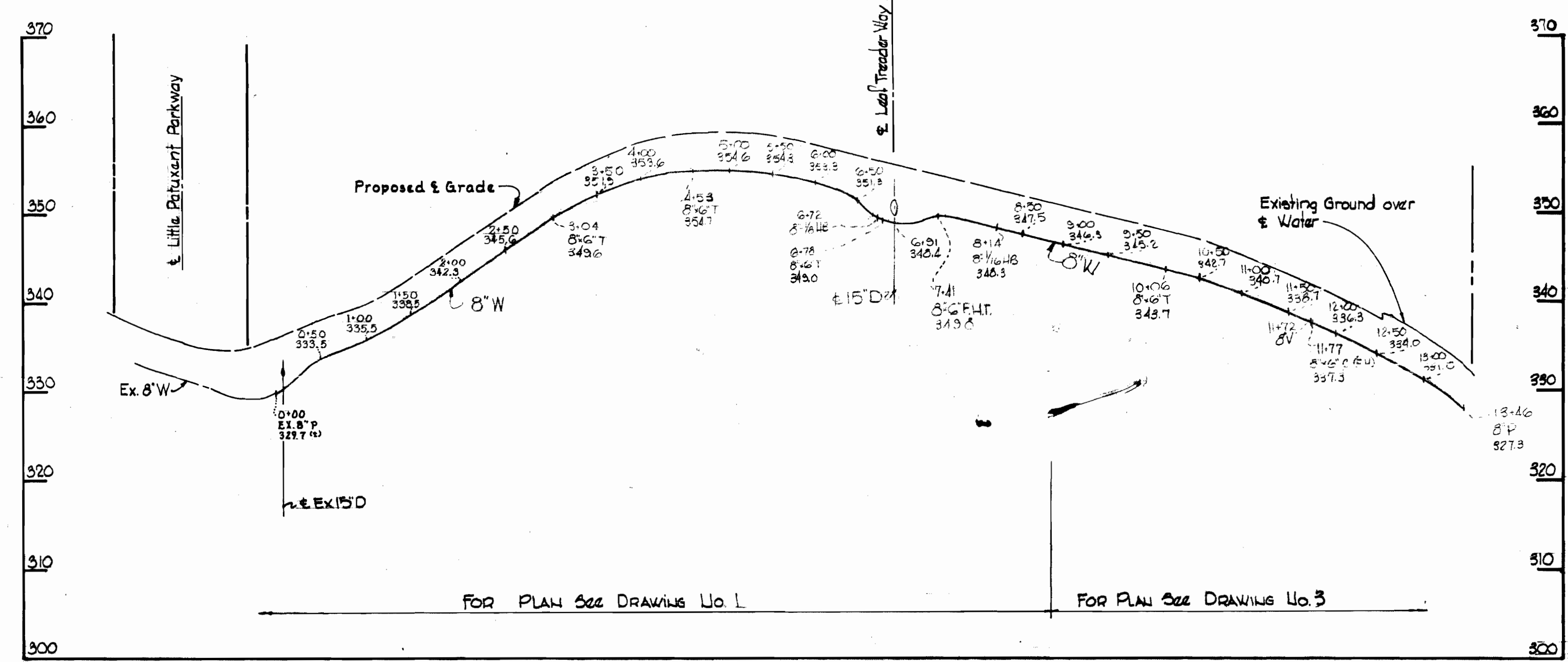
DRAWING
NO. 1
OF 4
SCALE
AS
SHOWN



For Sewer Profiles see Drawing No. 4



VALTAGE POINT ROAD

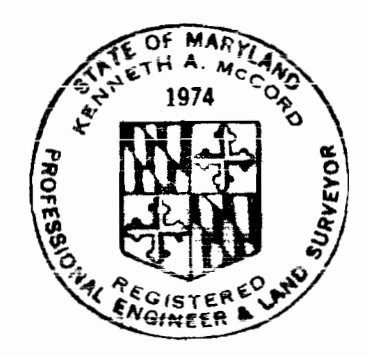


PROFILES
Scale: Horz. 1"=100'
Vert. 1"=10'

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 5-11-72 DATE	CONTRACT NO. C-477-D-W85 W. O. Falbert CHIEF - BUREAU OF WATER AND SEWER	PLAN & PROFILES OF WATER & SEWER MAINS	COLUMBIA TOWN CENTER ELECTION DISTRICT CLARKVILLE NO. 5	DRAWING NO. 2 OF 4 SCALE AS SHOWN
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W.O. 6616-2

As-BUILT OCT. 18, 1972 JULY 25, 1972



Kenneth A. McCord

Town Center
Parcel 'A' & 'B'
Section 7, Area 7
Woodford
Contract No. C-477-D-W15

WS 477 W85/2

BRUNING 44-510 1477R

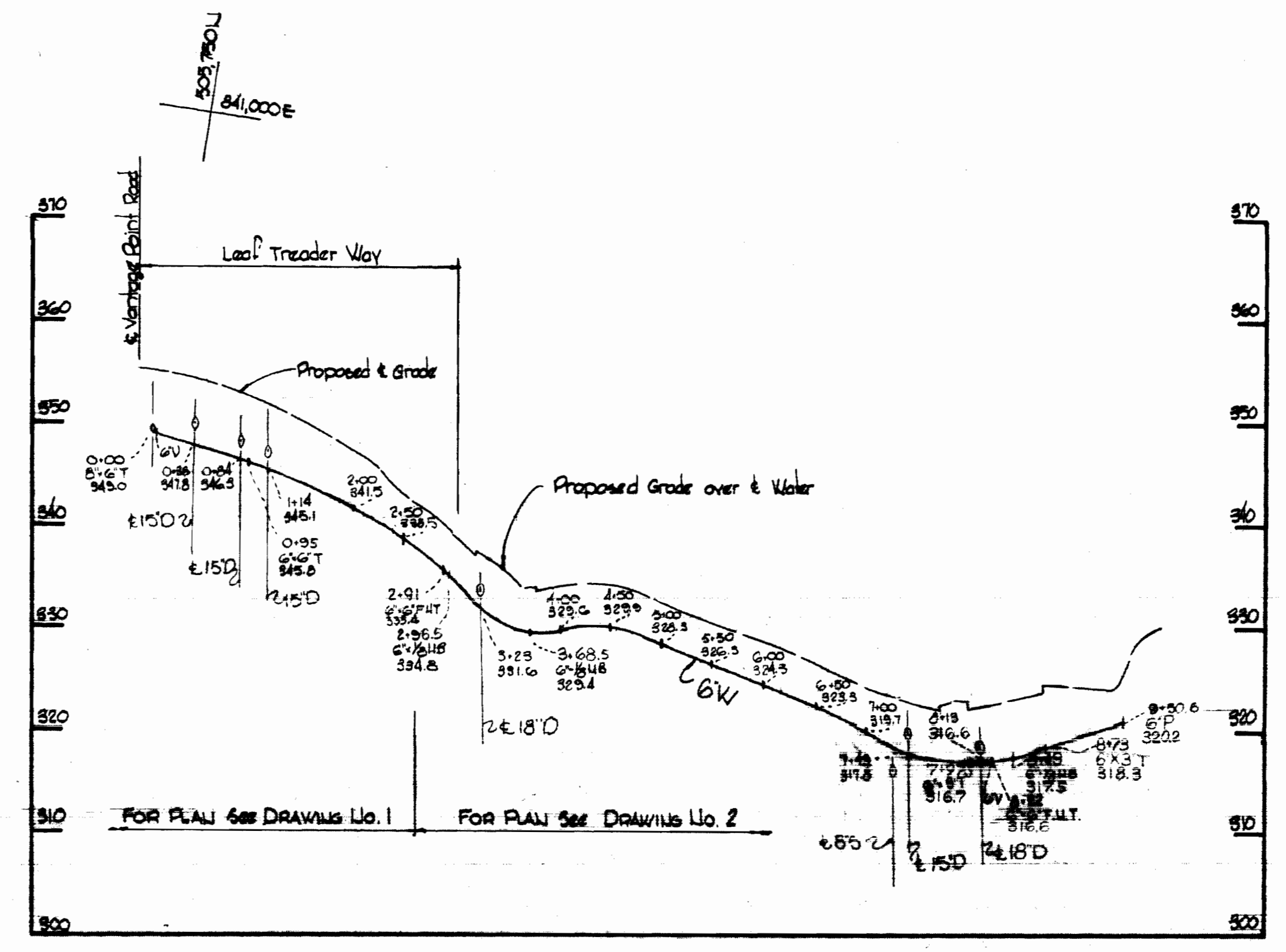
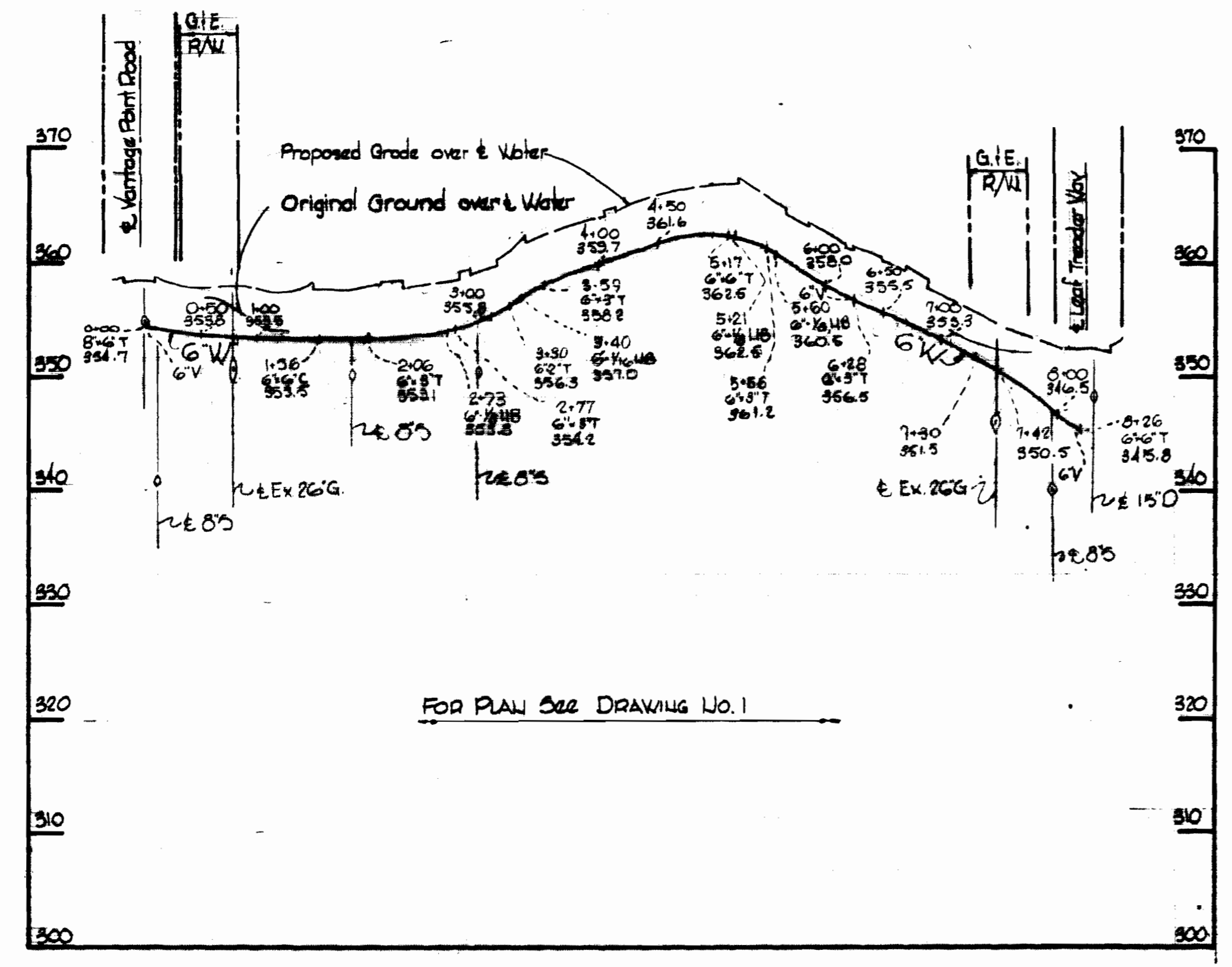
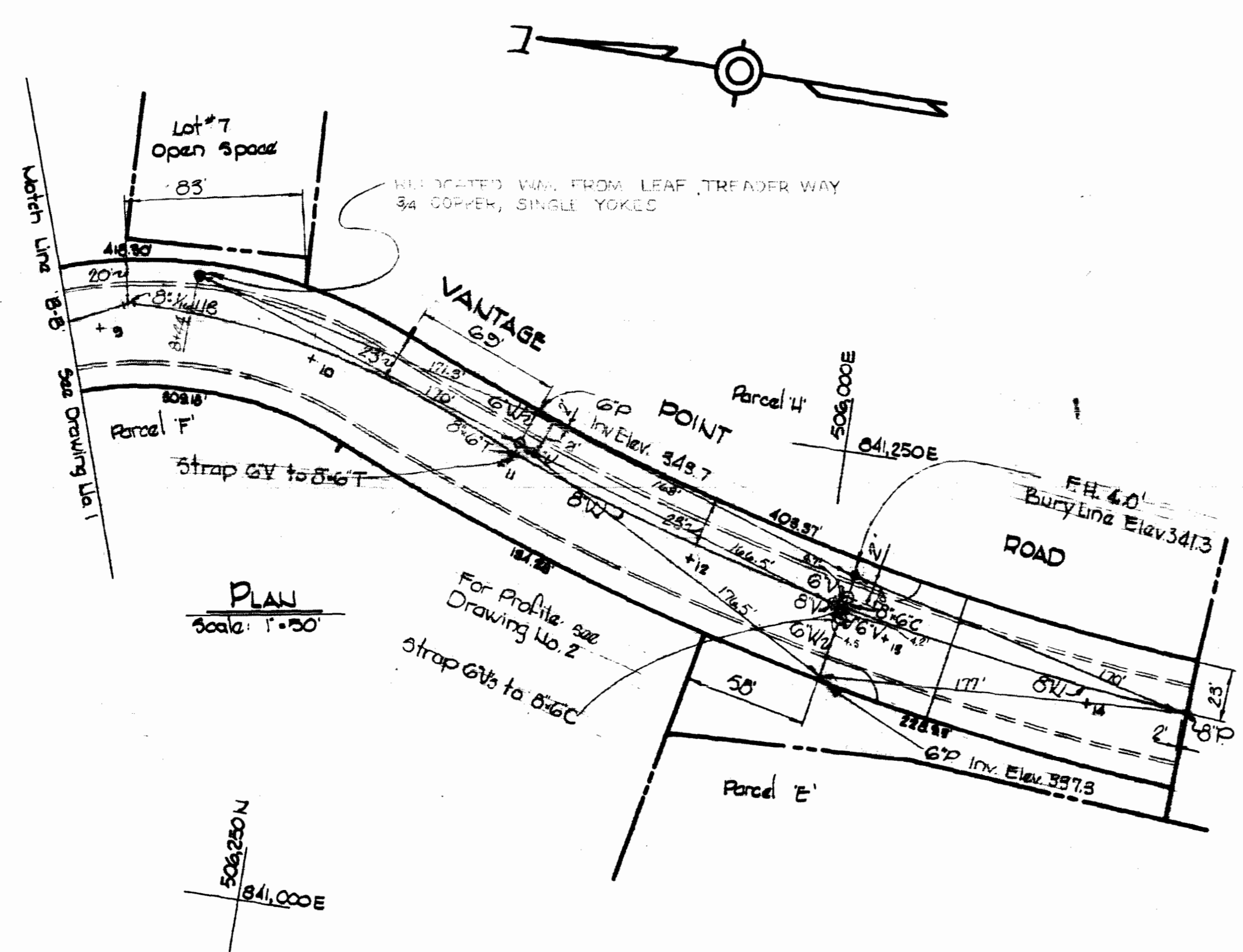
WS 477 W&S/3

6516211

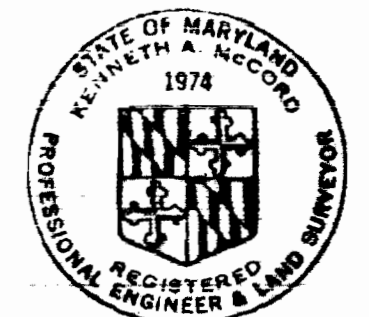
6516211

6516211

BRUNING 4410 4778



PROFILES
 Scale: Vert. 1"=100'
 Horiz. 1"=50'

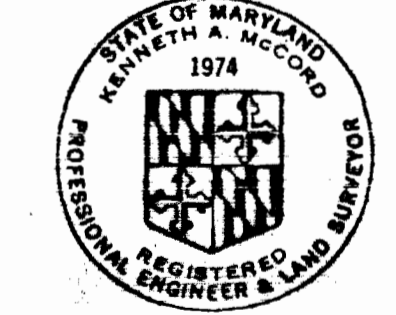
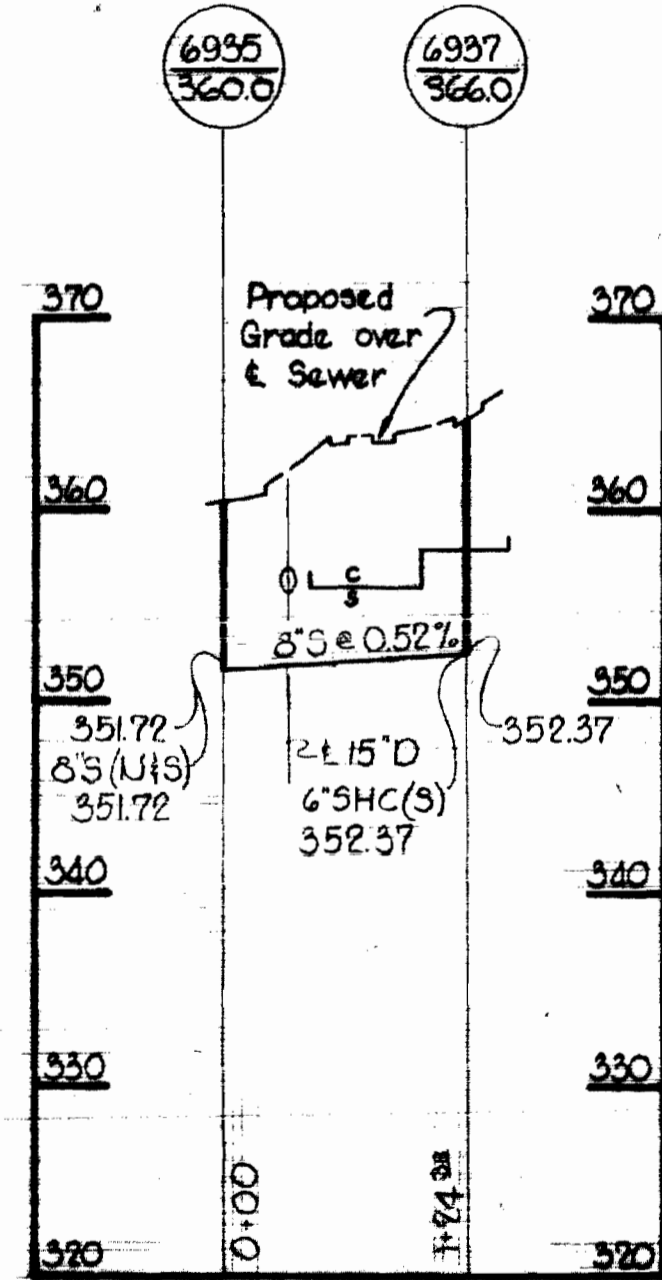
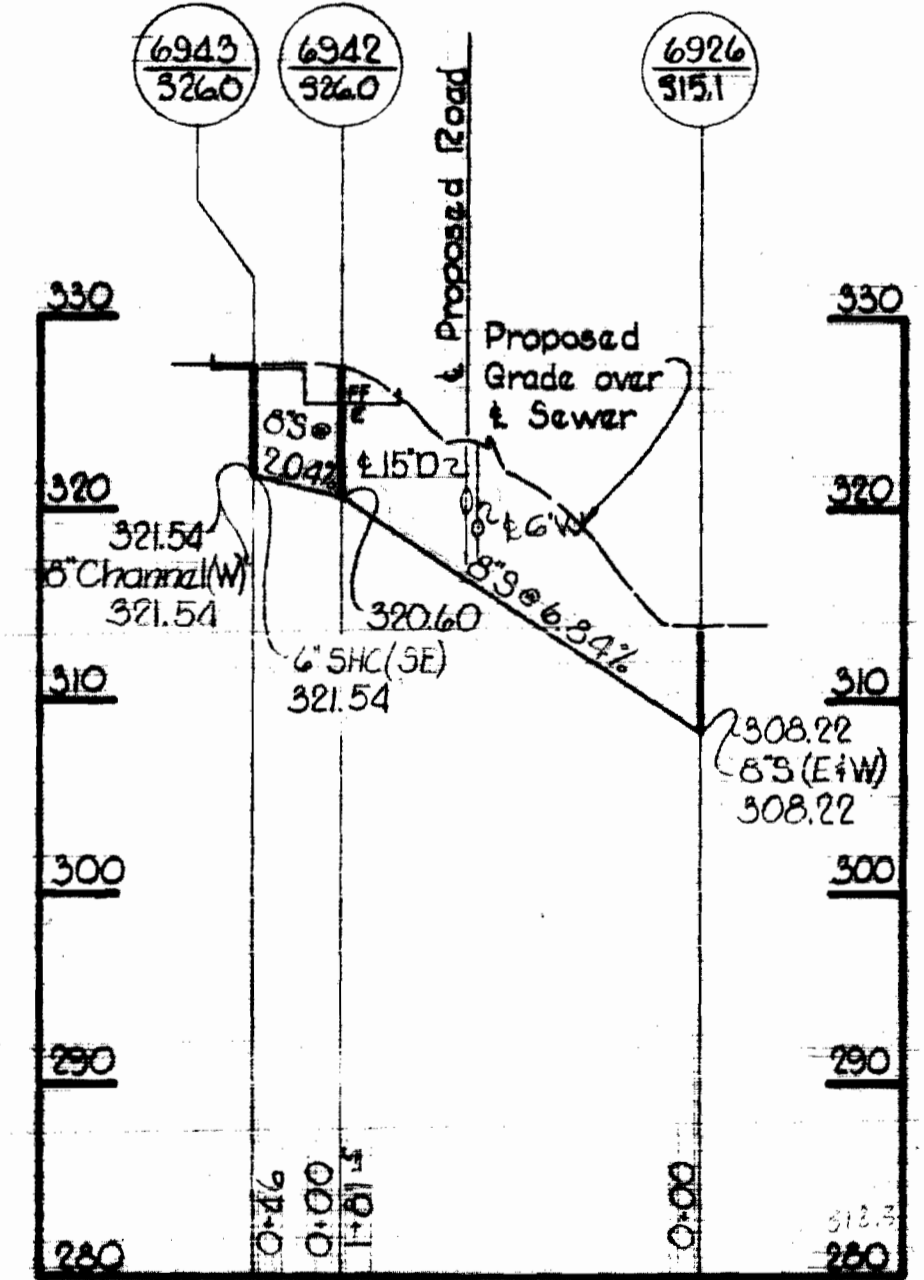
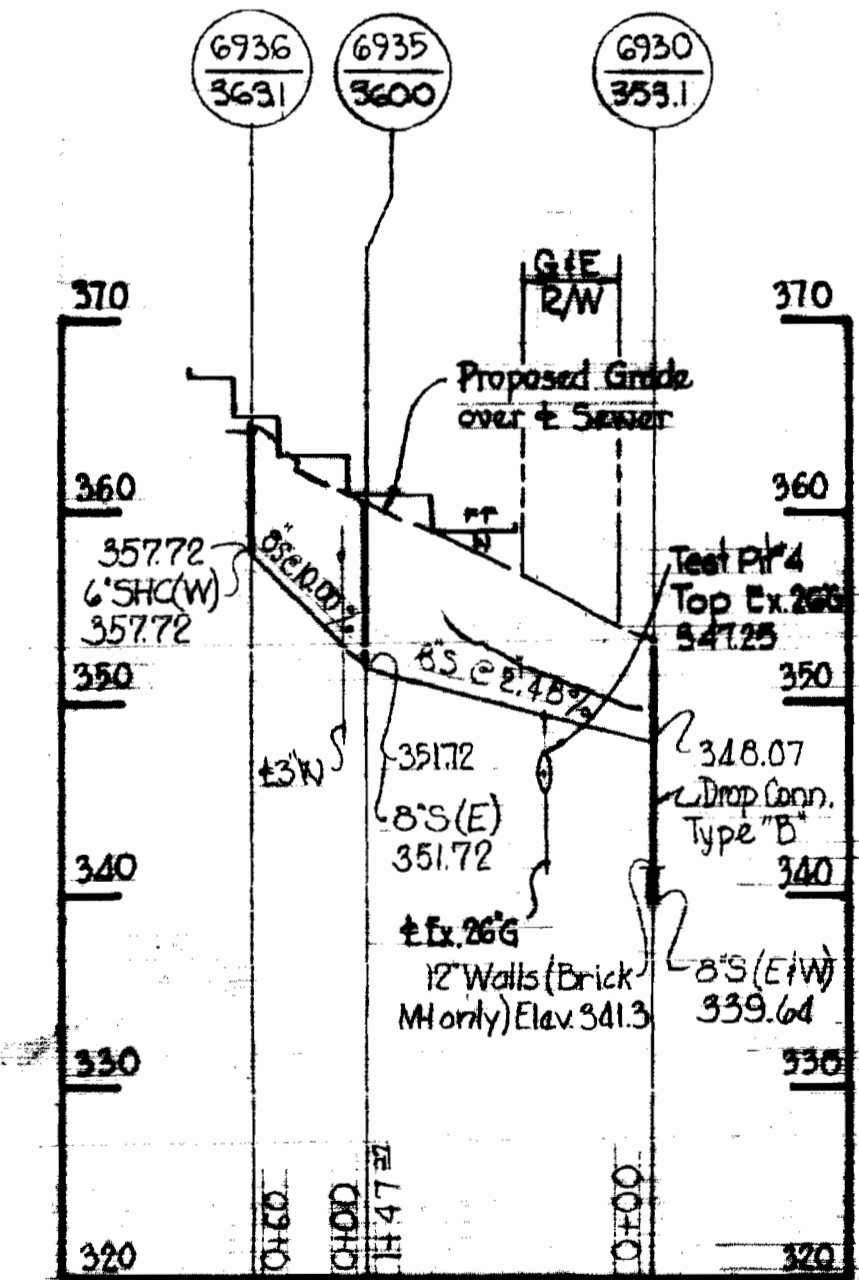
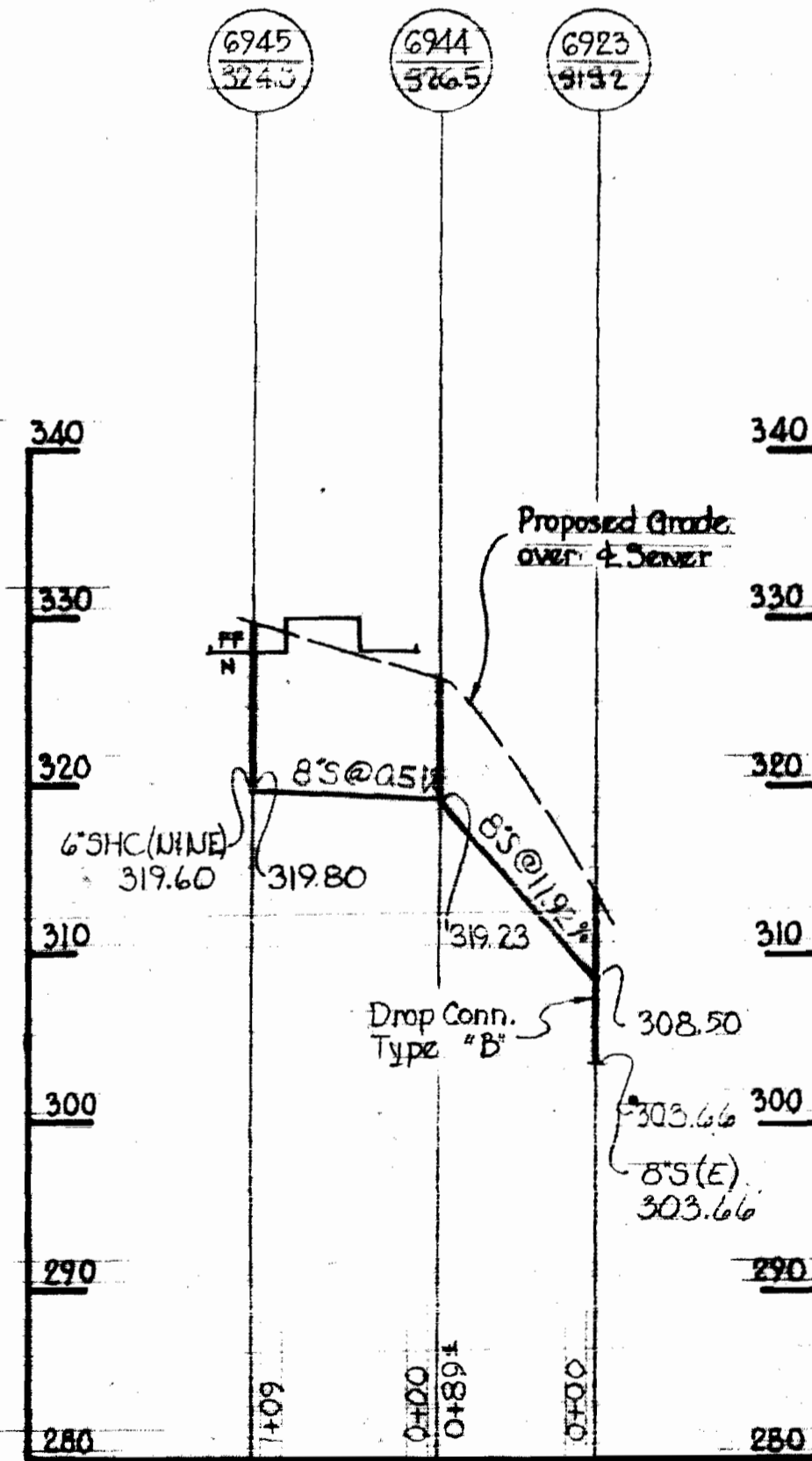
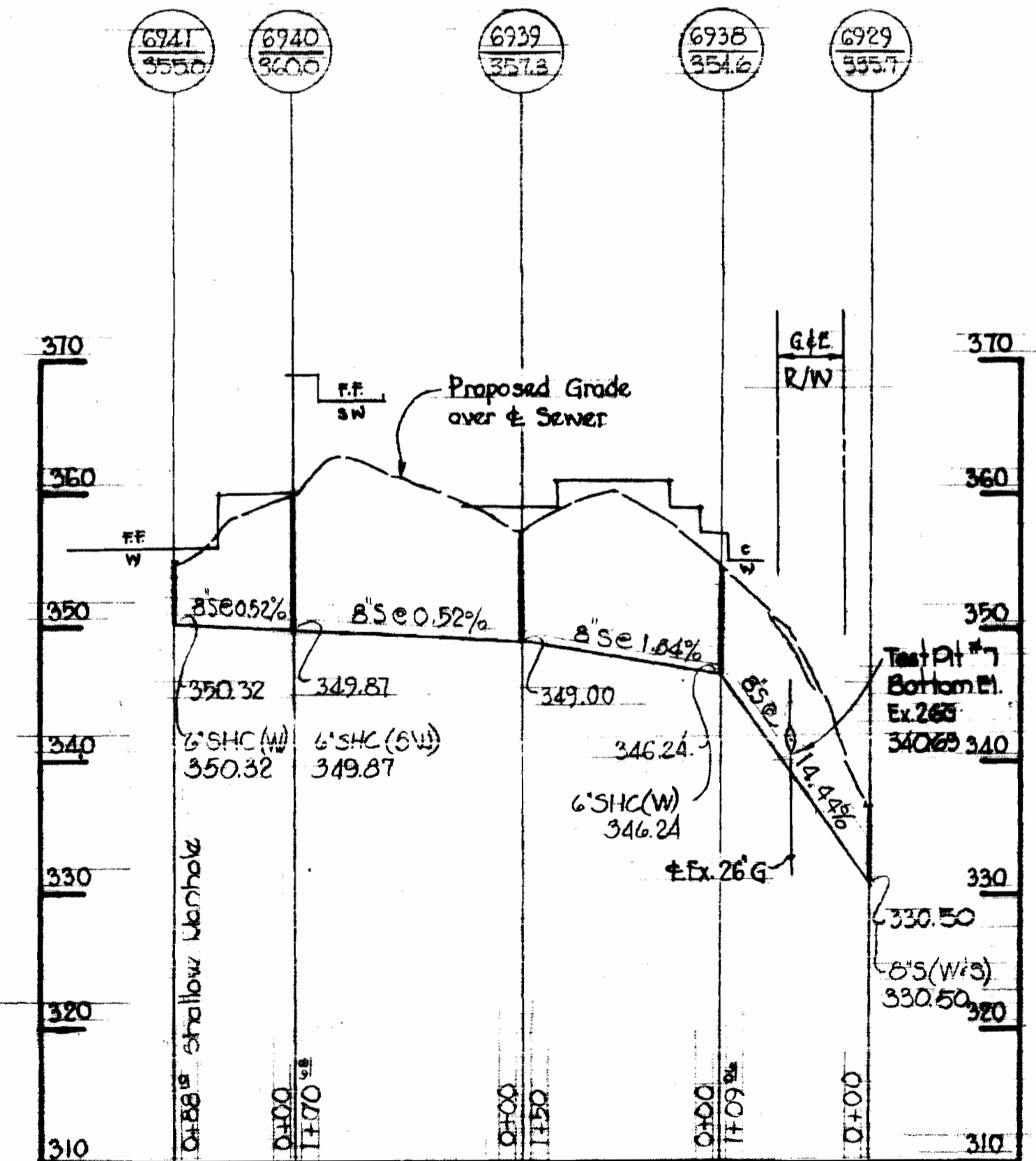
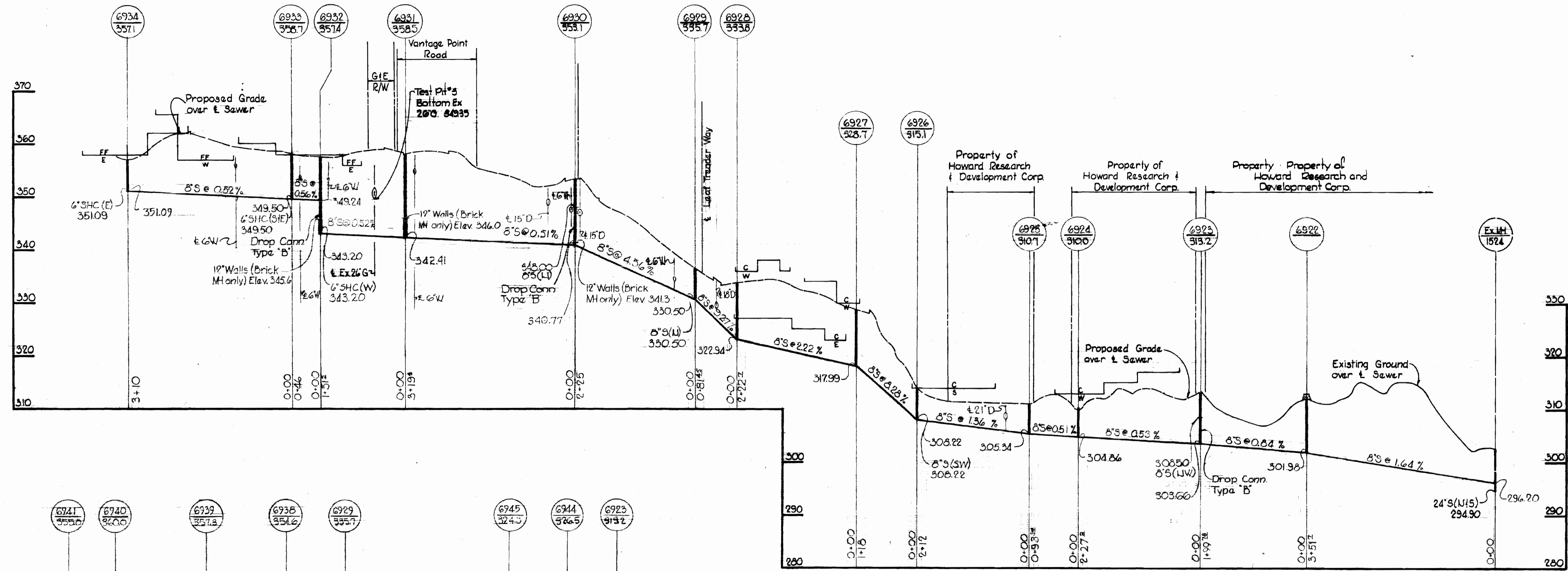


Kenneth A. McLeod
 Town Center
 Parcel A & B, Section 7, Area 7,
 Woodland
 Contract No. C-477D-W/S

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE: 5-11-72 Chief: W. O. Gilbert CHIEF - BUREAU OF WATER AND SEWER	CONTRACT NO. C-477D-W/S	PLAN AND PROFILE OF WATER MAINS	COLUMBIA TOWN CENTER ELECTION DISTRICT CLARKSVILLE NO. 5	DRAWING NO. 3 OF 4 SCALE AS SHOWN
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W. O. 26162

AS-BUILT OCT. 18, 1972 APRIL 26, 1972



Kenneth A. McLeod

Town Center
Parcel A+B
Section 7, Area 7
Woodford
Contract No. C-477-D-WFS

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

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
5-11-72
DATE
W. O. Felber
CHIEF - BUREAU OF WATER AND SEWER

CONTRACT NO. C-477-D-WFS

PROFILES OF
SEWER MAINS

COLUMBIA
TOWN CENTER
ELECTION DISTRICT CLARKSVILLE NO. 5

DRAWING
NO. 4
OF 4

SCALE
H=1"=100'
V=1"=10'

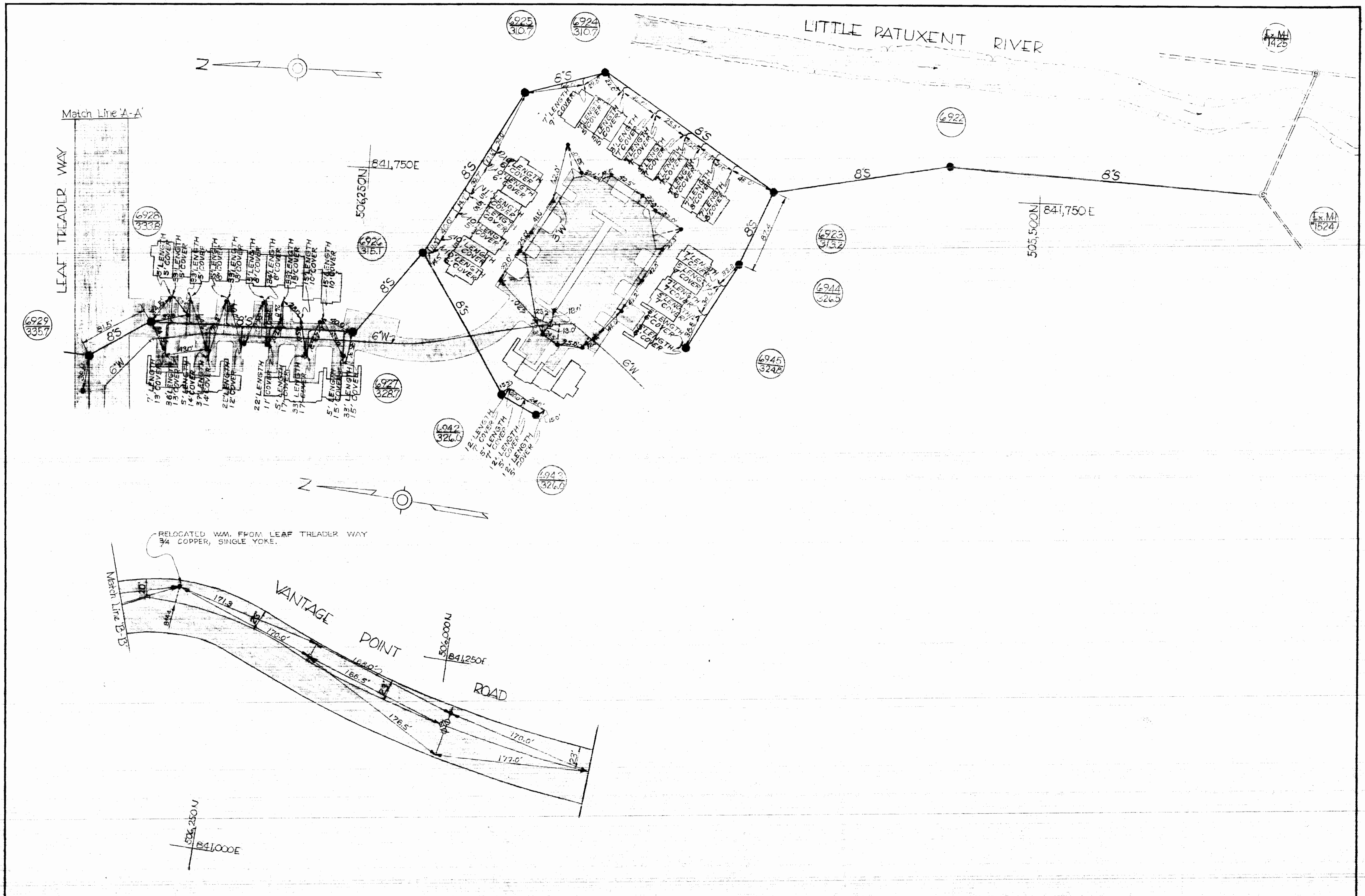
W. O. 6616-2

As-BUILT OCT. 18, 1972 JULY 25, 1972

WS 477 WAS/4

P. Y. BRUNING 44-510 14778

WS 477 W&S/5



RELOCATED W.M. FROM LEAF TREADER WAY
3/4 COPPER, SINGLE YOKE.

VANTAGE
POINT

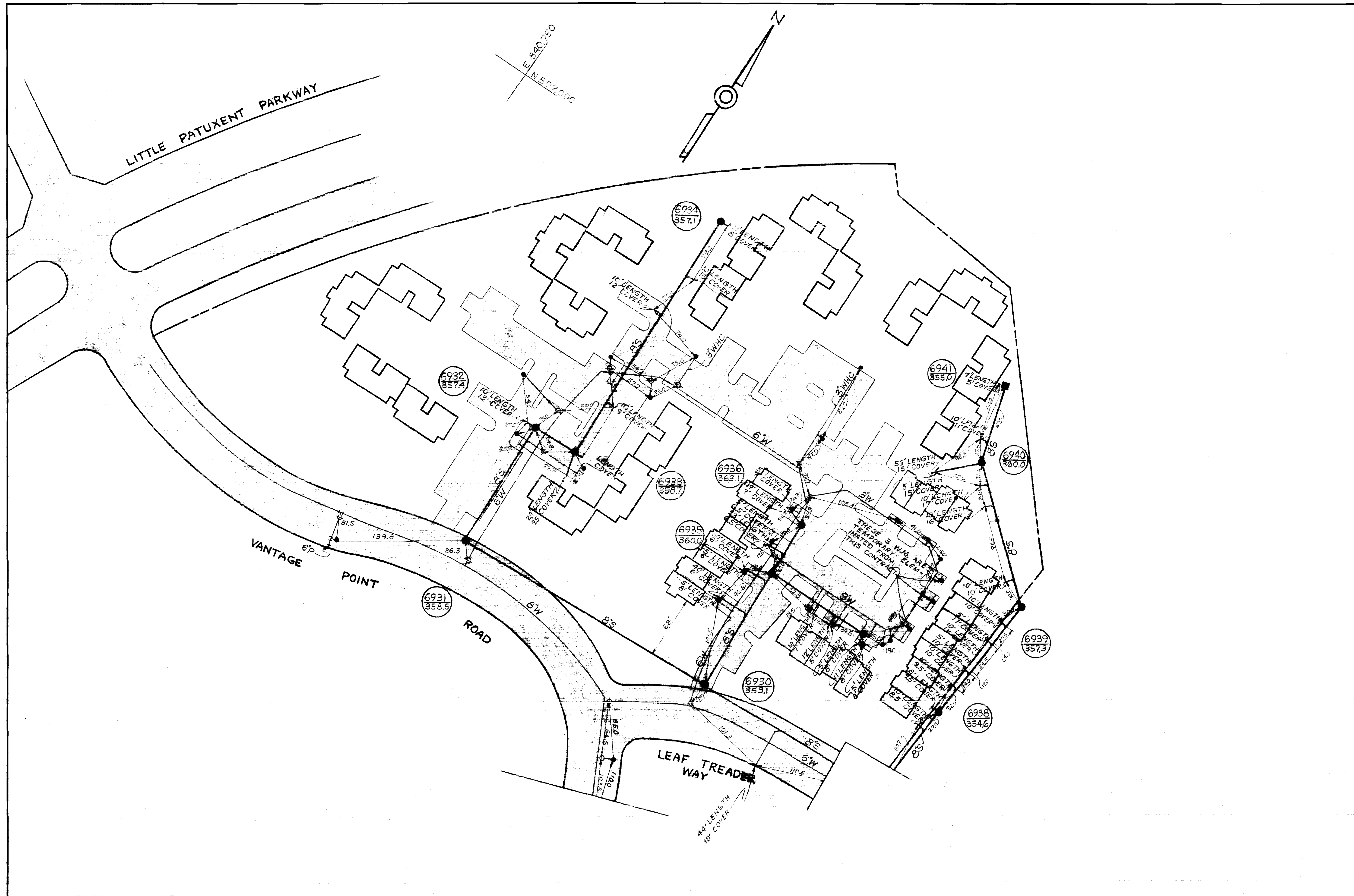
ROAD

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

CONTRACT NO. C-477-D-W&S

DRAWING NO.	SCALE
OF	

As-BUILT Oct. 18, 1972



DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND
 DATE _____ CHIEF-BUREAU OF WATER AND SEWER

CONTRACT NO. C-477-D-WES

DRAWING NO. _____	SCALE _____
OF _____	

AS-BUILT OCT. 18, 1972