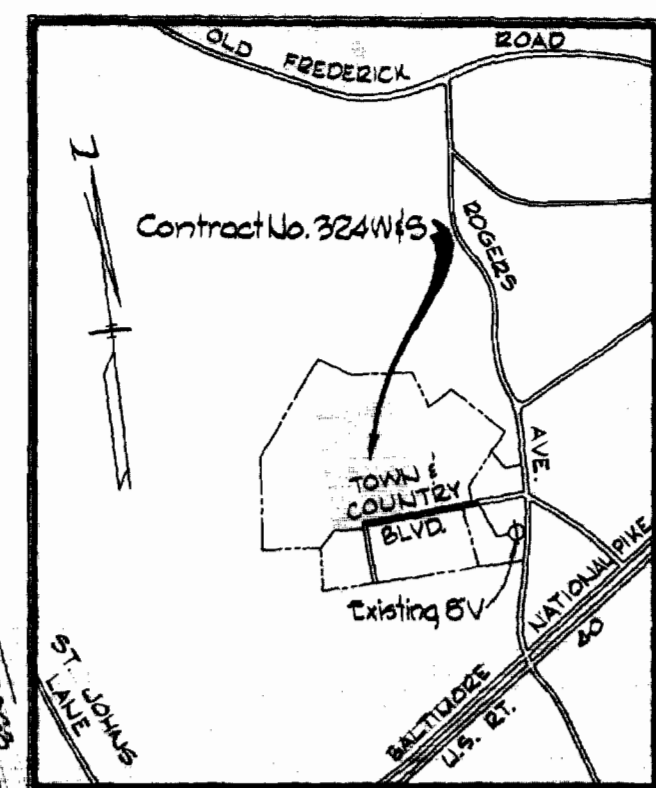


TEST HOLE LOG	
Hole No.	Result
1	10' No Rock
2	10' No Rock
3	10' No Rock
4	10' No Rock
5	2' S Refusal
6	3' Refusal
7	0.5' Refusal
8	12' No Rock
9	2.5' Refusal
10	7' No Rock
11	6' No Rock
12	10' No Rock

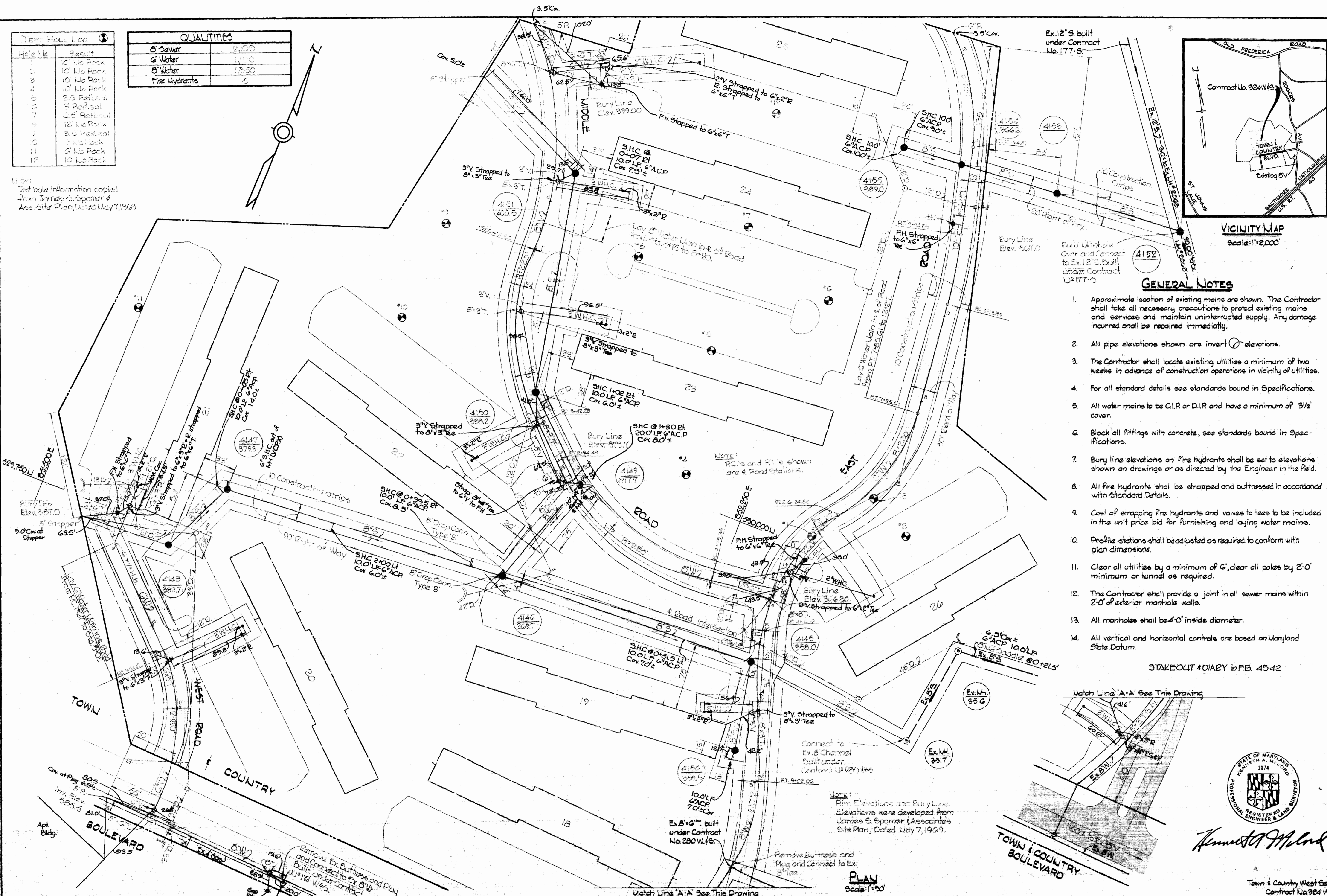
QUANTITIES	
6" Sewer	2100
6" Water	1100
8" Water	1350
Fire Hydrants	5

Note:
Test hole information copied
from James S. Spamer &
Assoc. Site Plan, Dated May 7, 1969



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. All water mains to be C.I.P. or D.I.P. and have a minimum of 3 1/2' cover.
6. Block all fittings with concrete, see standards bound in Specifications.
7. Bury line elevations on fire hydrants shall be set to elevations shown on drawings or as directed by the Engineer in the field.
8. All fire hydrants shall be strapped and buttressed in accordance with Standard Details.
9. Cost of strapping fire hydrants and valves to tees to be included in the unit price bid for furnishing and laying water mains.
10. Profile stations shall be adjusted as required to conform with plan dimensions.
11. Clear all utilities by a minimum of 6', clear all poles by 2'-0" minimum or tunnel as required.
12. The Contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole walls.
13. All manholes shall be 4'-0" inside diameter.
14. All vertical and horizontal controls are based on Maryland State Datum.



STAKEOUT #DIARY in FB 4542

Match Line "A-A" See This Drawing



Kenneth A. McCord

Town & Country West Sec. 5
Contract No. 324 W/S

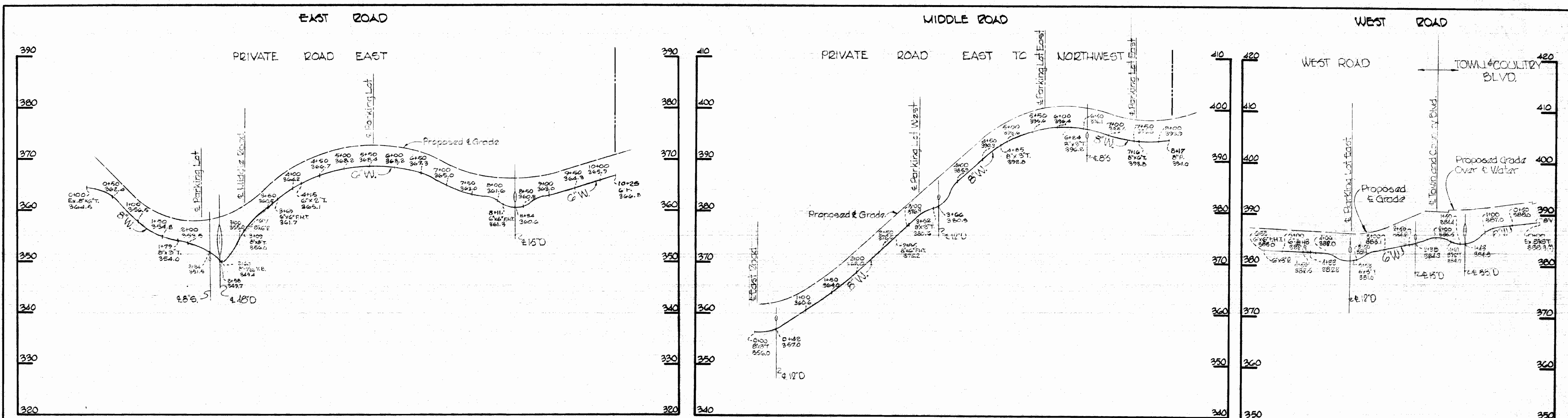
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE: 9-29-69 <i>J. O. Palbert</i> CHIEF - BUREAU OF WATER AND SEWER	CONTRACT NO. 324 W/S	PLAN OF WATER & SEWER MAINS	ELECTION DISTRICT ELICOTT CITY No. 2	DRAWING NO. 1	SCALE AS SHOWN	525-487 525-488 530-487 530-488
					OF 2.		

WS 324-W&S/2

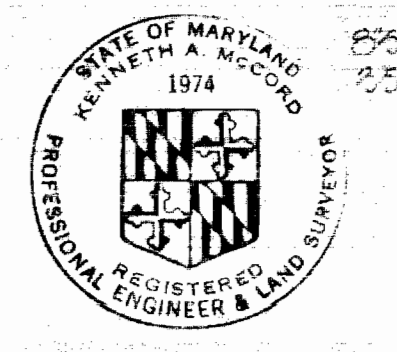
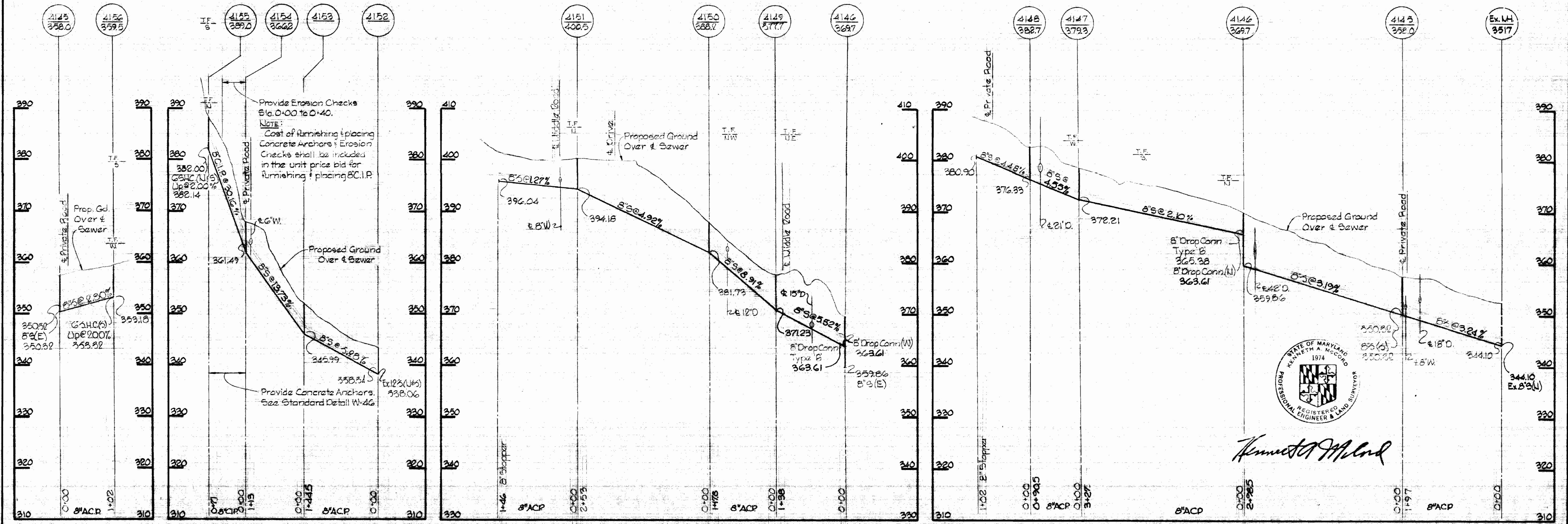
Vertical

Vertical

Vertical



Note:
Build Manhole
4153 to Ex. ground.



Kenneth A. McLeod

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

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
9-29-69
DATE
W. O. Pillard
CHIEF - BUREAU OF WATER AND SEWER

CONTRACT NO. 324 W&S

**PROFILES OF
WATER & SEWER MAINS**

**ELECTION DISTRICT
ELLICOTT CITY No. 2**

**DRAWING
NO. 2
OF 2** **SCALE
H-1"=100'
V-1"=10'**

W. O. 6024-2

AS BUILT March 20, 1970