

**CONTRACT 169-S**  
**TOWN PLAZA SEWER**  
**HOWARD COUNTY METROPOLITAN COMMISSION**  
**ELLICOTT CITY, MARYLAND**



*Kenneth A. McCord*

TOWN PLAZA  
Contract No. 169-S

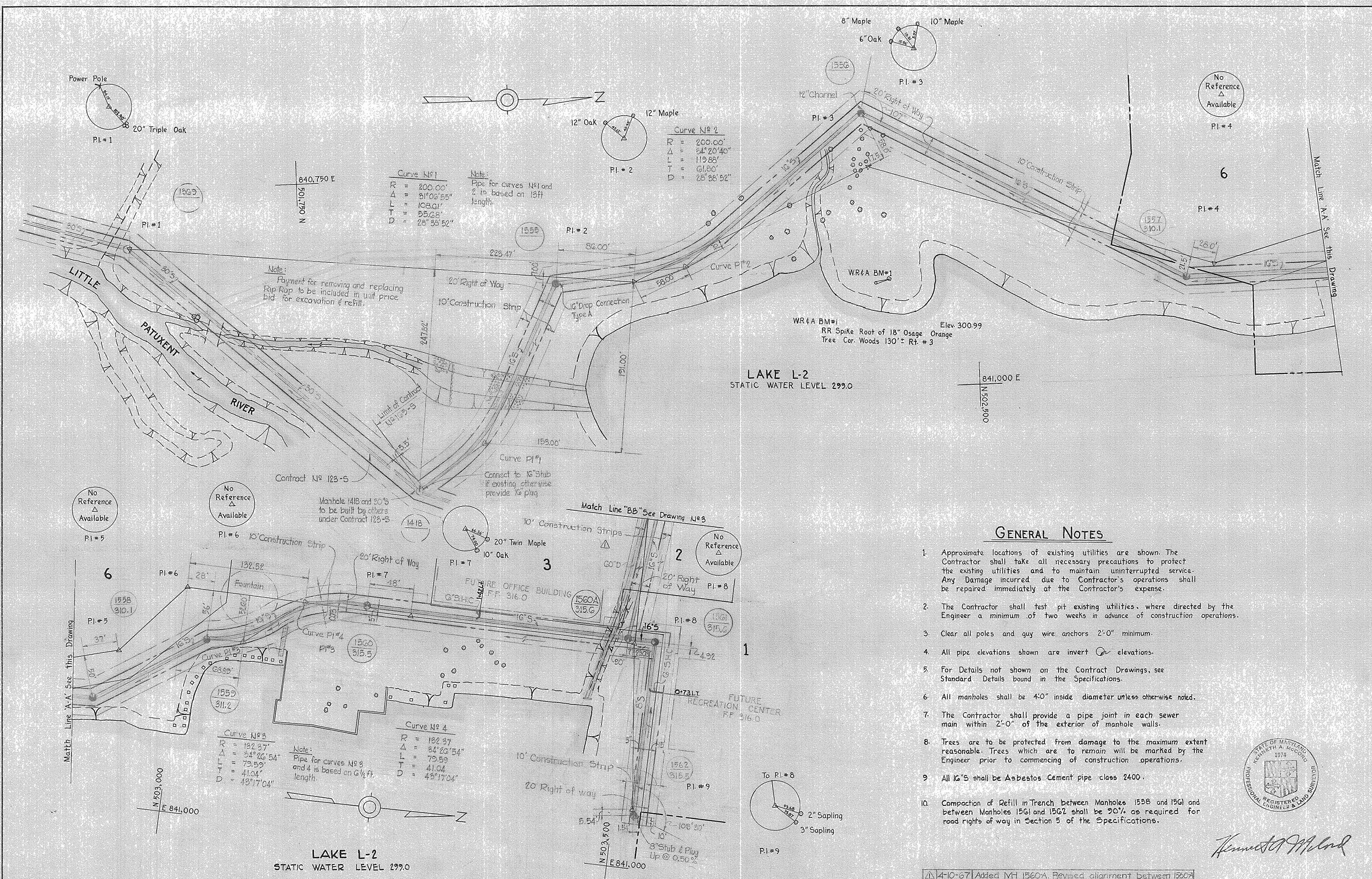
WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE <u>2-8-67</u> <i>W. O. Smith</i> CHIEF ENGINEER	CONTRACT NO. <u>169-S</u>	LOCATION MAP	COLUMBIA VILLAGE OF WILDE LAKE ELECTION DISTRICT-CLARKSVILLE No.5	DRAWING NO. <u>1</u> OF <u>3</u>	SCALE AS SHOWN
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W. O. 5155-2

AS BUILT NOV 10, 1967

WS 169-S/15691 SM

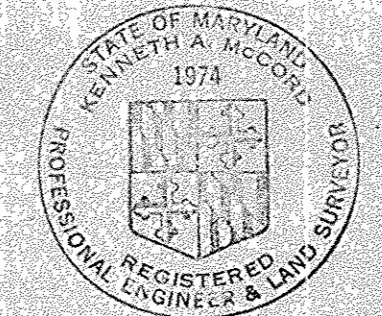




WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION DATE: 2-8-67 CHIEF ENGINEER: <i>[Signature]</i>	CONTRACT NO. 169-S	PLAN OF SEWER MAINS	COLUMBIA VILLAGE OF WILDE LAKE ELECTION DISTRICT-CLARKSVILLE No. 5	DRAWING NO. 2 OF 3 SCALE 1" = 50' TOWN PLAZA Contract No. 169-S
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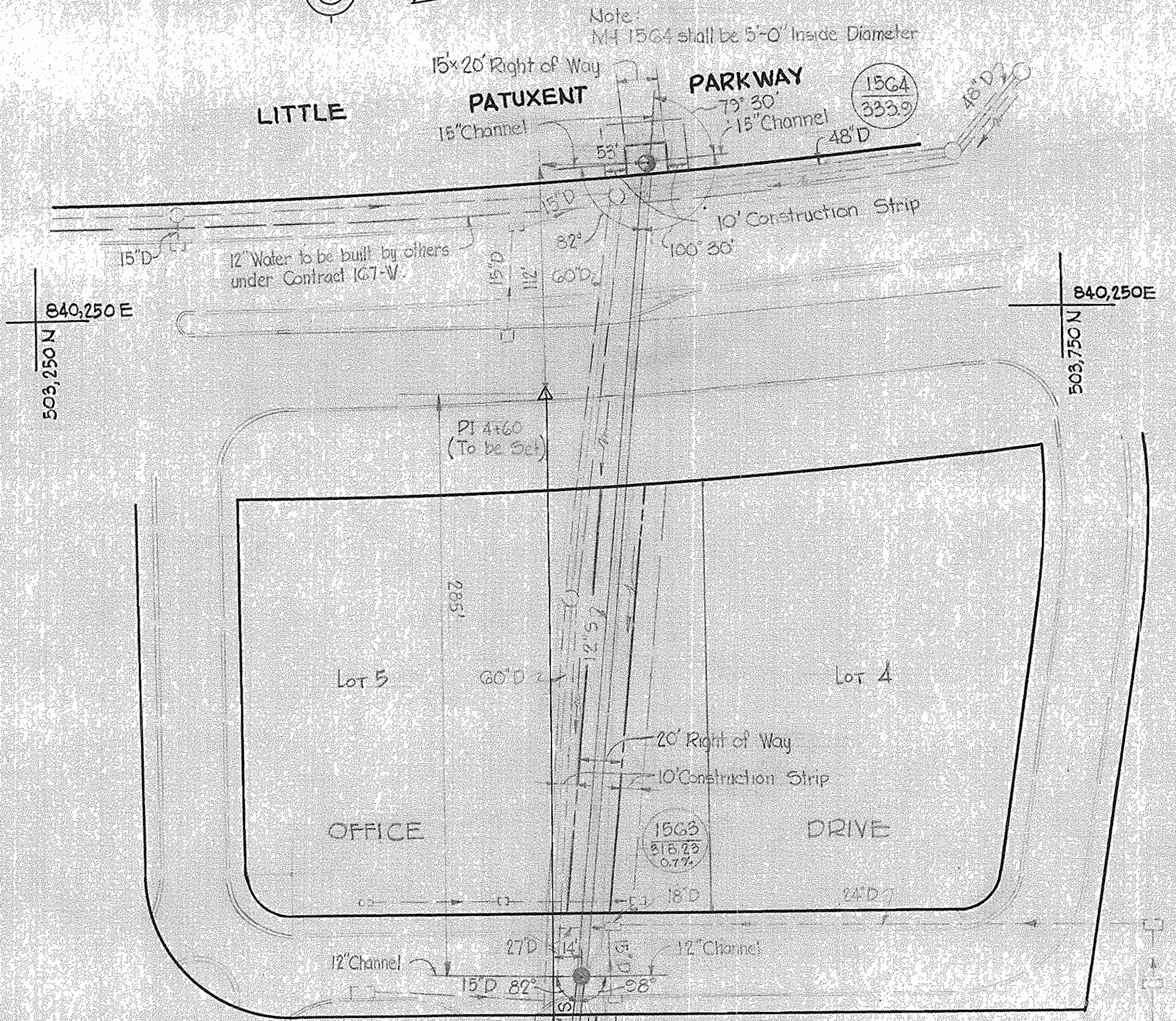
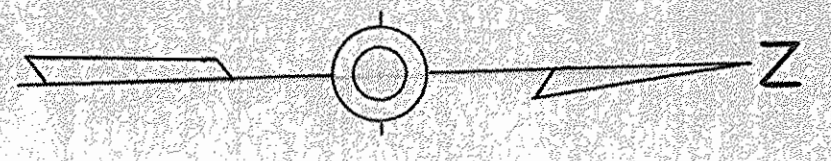
WS 169-S/2

*[Signature]*

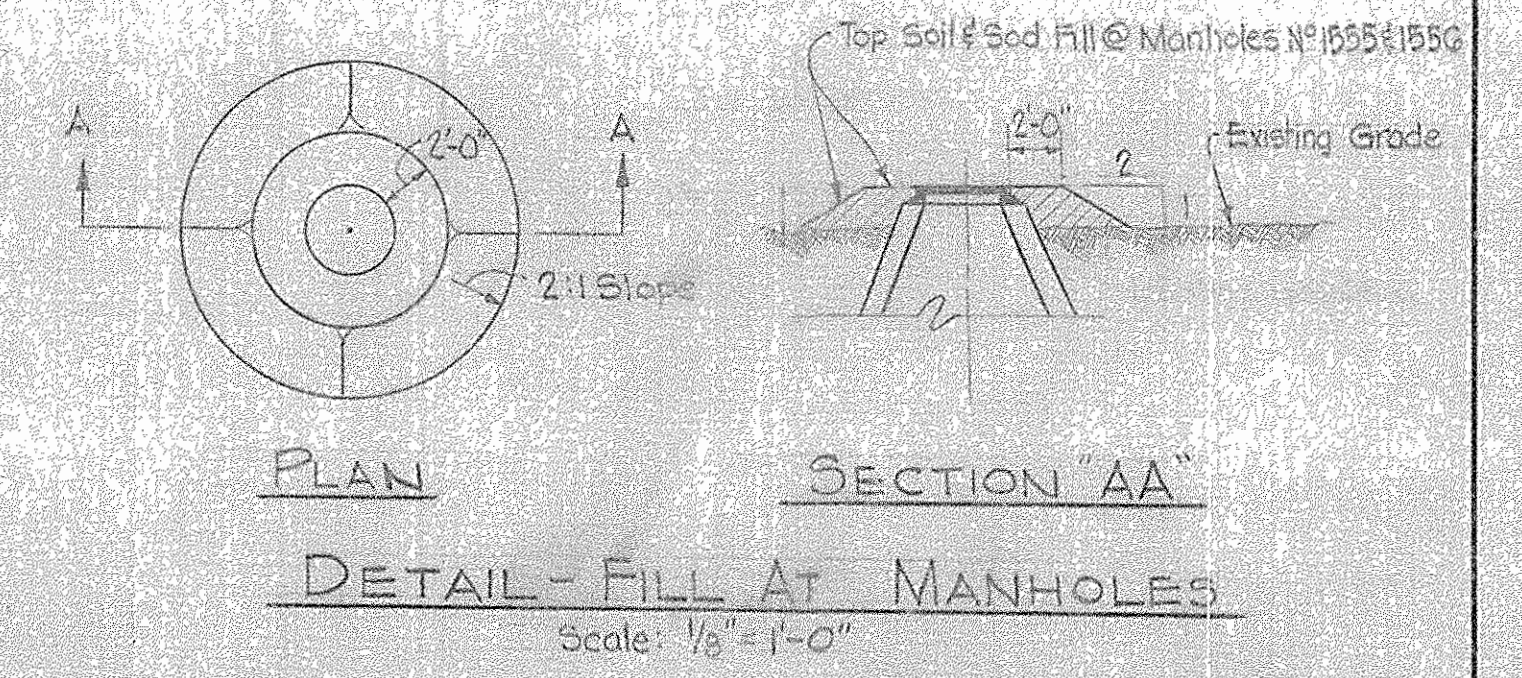
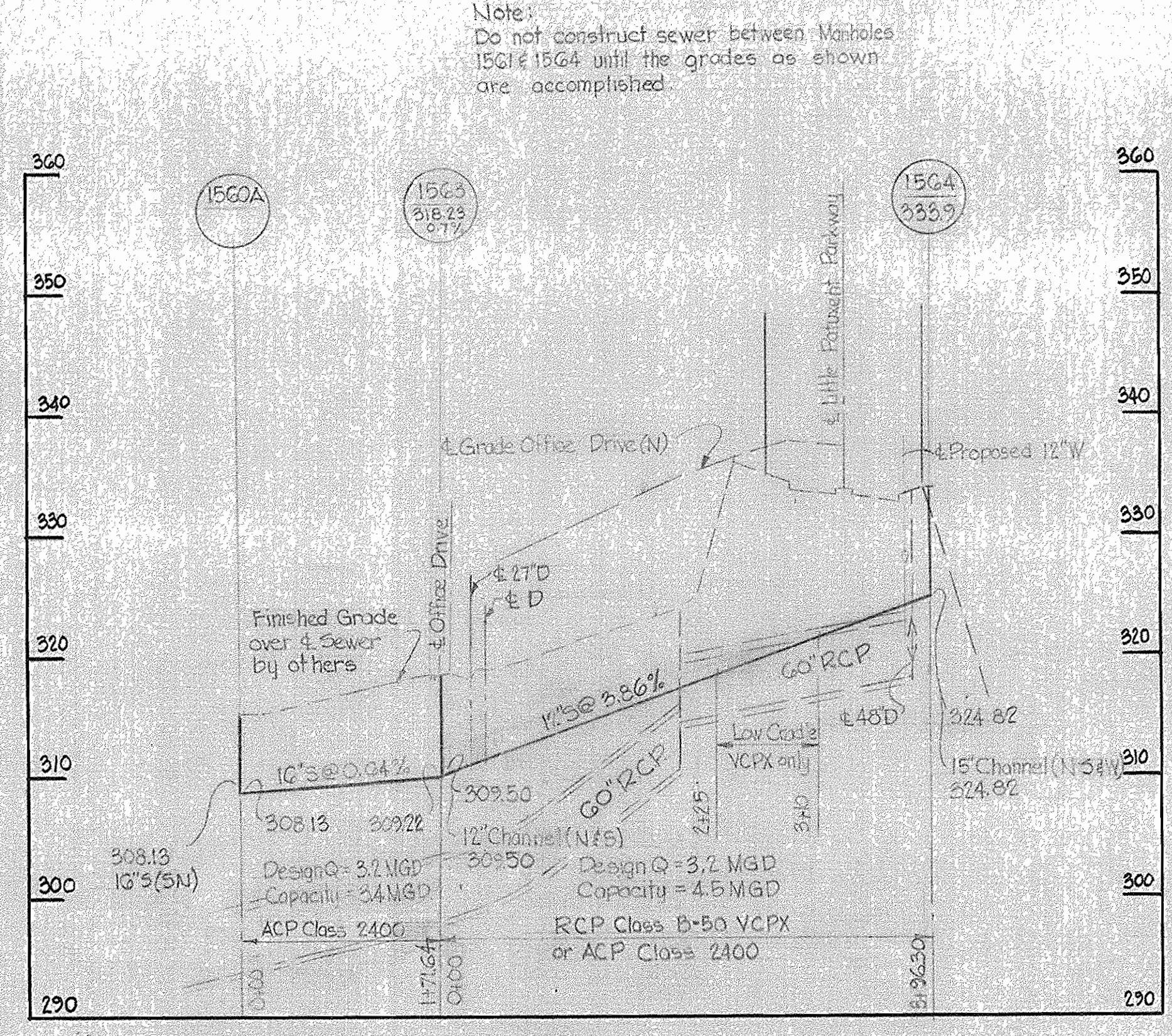


Δ 4-10-67	Added MH 1560A, Revised alignment between 1560A and 1561. Changed 16" S to 8" S between 1560A & 1561
Δ 10-1-67	Revision

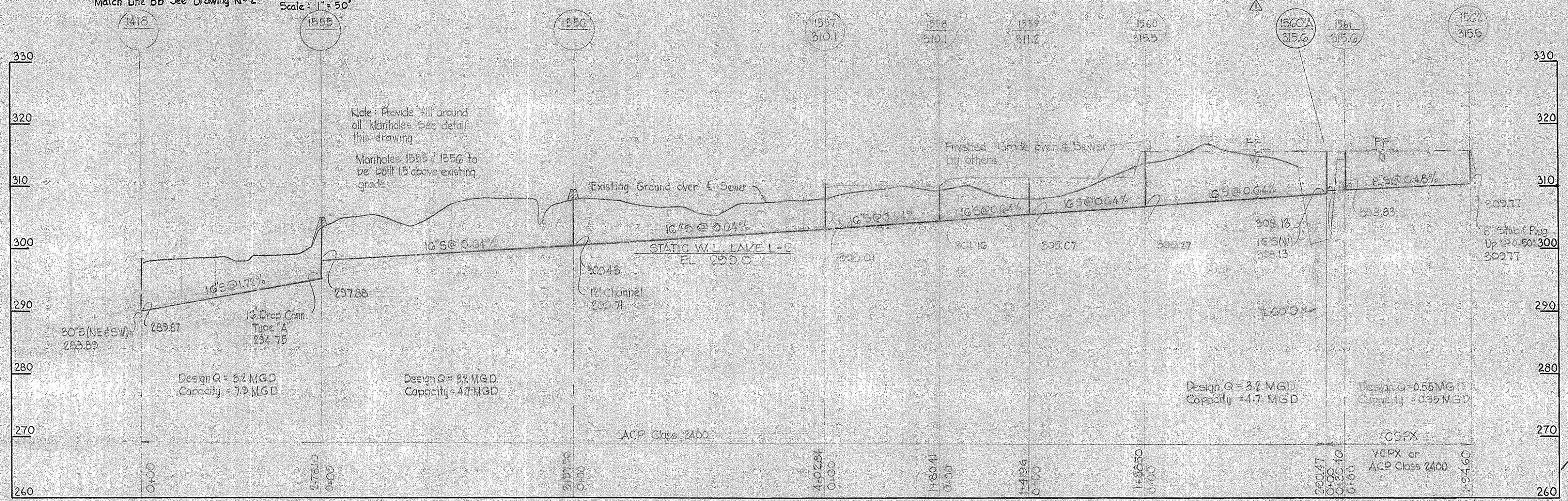




**PLAN**  
Scale: 1" = 50'

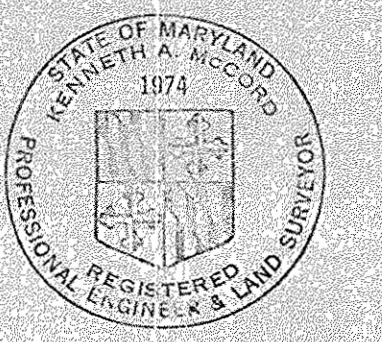


**DETAIL - FILL AT MANHOLES**  
Scale: 1/8" = 1'-0"



**PROFILES**  
Scale: Hor. 1" = 100'  
Vert. 1" = 50'

4-10-67	Added MH 1560A, Revised alignment between 1560A & 1564. Changed 16' 5" to 8' 5" between 1560A & 1561
Date:	Revision:



*Kenneth A. Haggard*

<b>WHITMAN, REQUARDT &amp; ASSOCIATES</b> ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	<b>HOWARD COUNTY METROPOLITAN COMMISSION</b> DATE: 2-8-67 <i>W. O. F. [Signature]</i> CHIEF ENGINEER	<b>CONTRACT NO. 169-S</b>	<b>PLAN &amp; PROFILE OF SEWER MAINS</b>	<b>COLUMBIA VILLAGE OF WILDE LAKE ELECTION DISTRICT-CLARKSVILLE No. 5</b>	<b>DRAWING NO. 3</b>	<b>SCALE AS SHOWN</b>
					<b>NO. 3</b>	<b>AS SHOWN</b>

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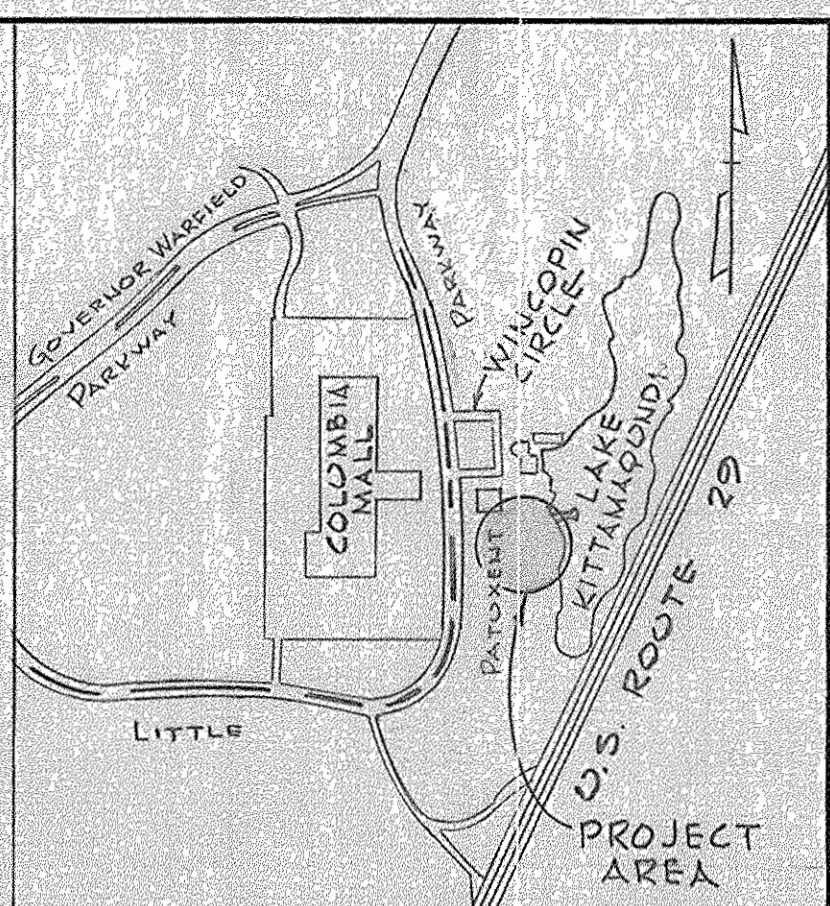
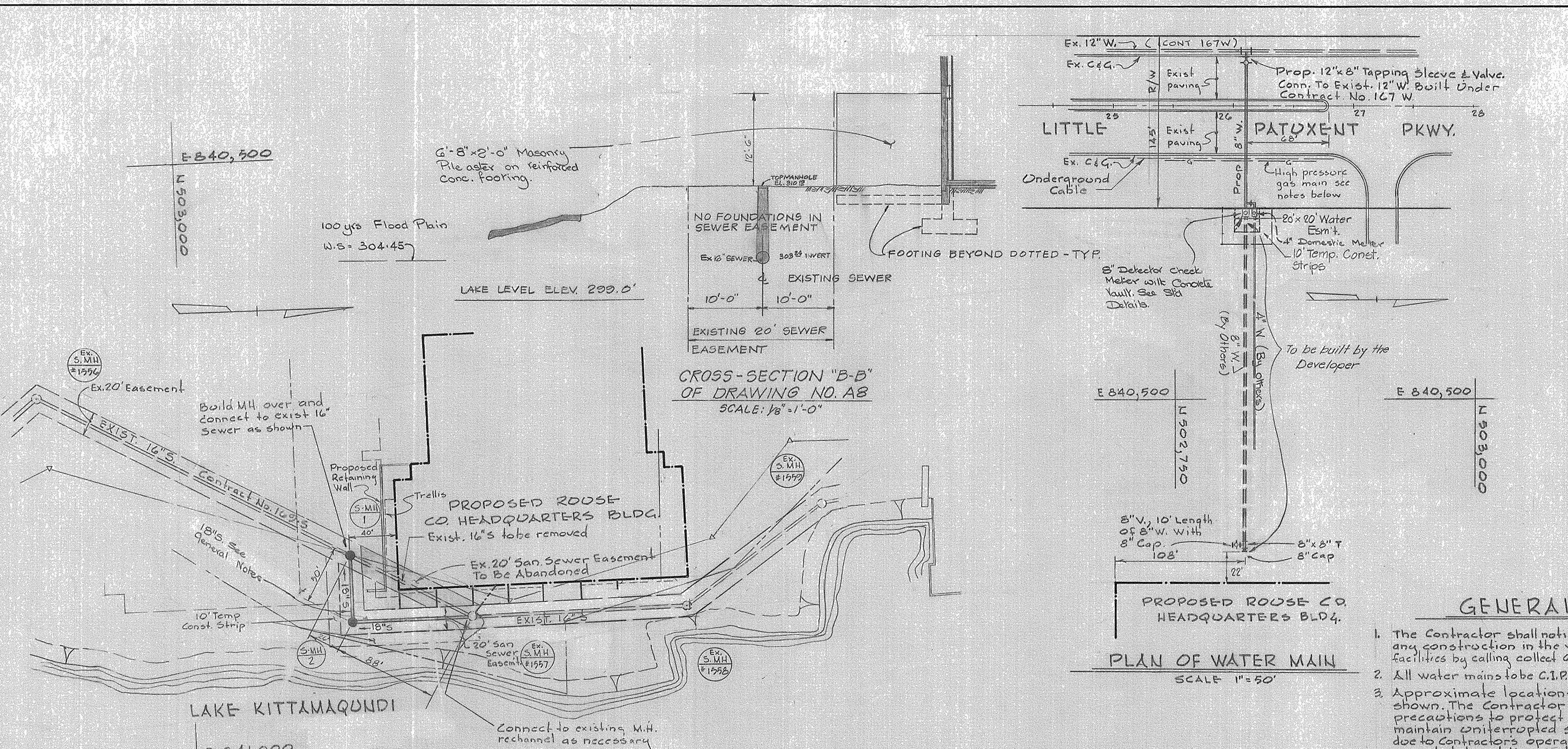
WS 169-S/3



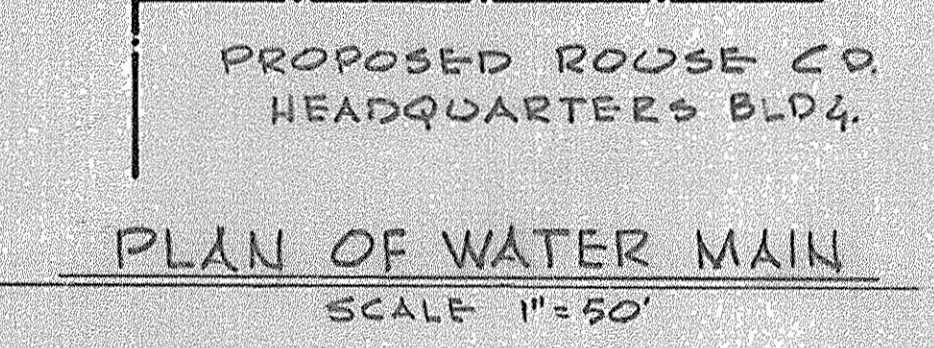
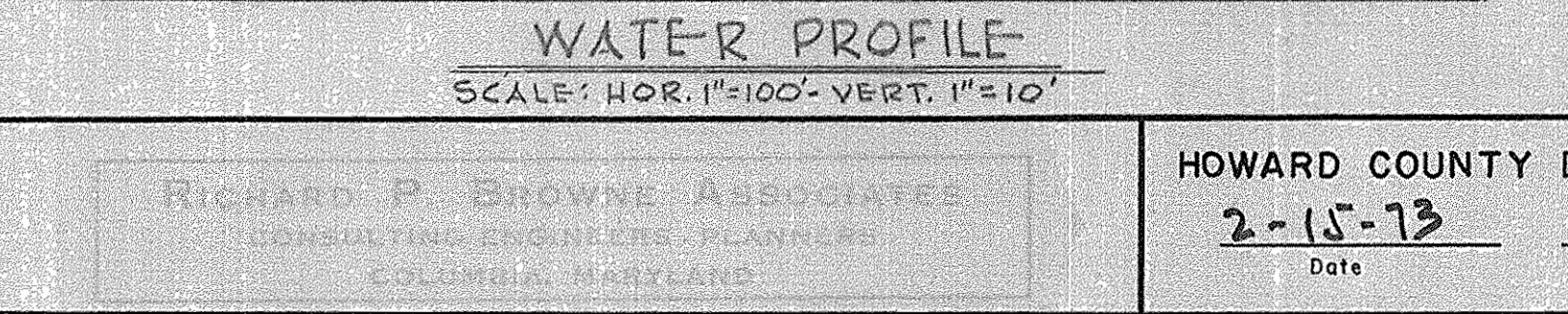
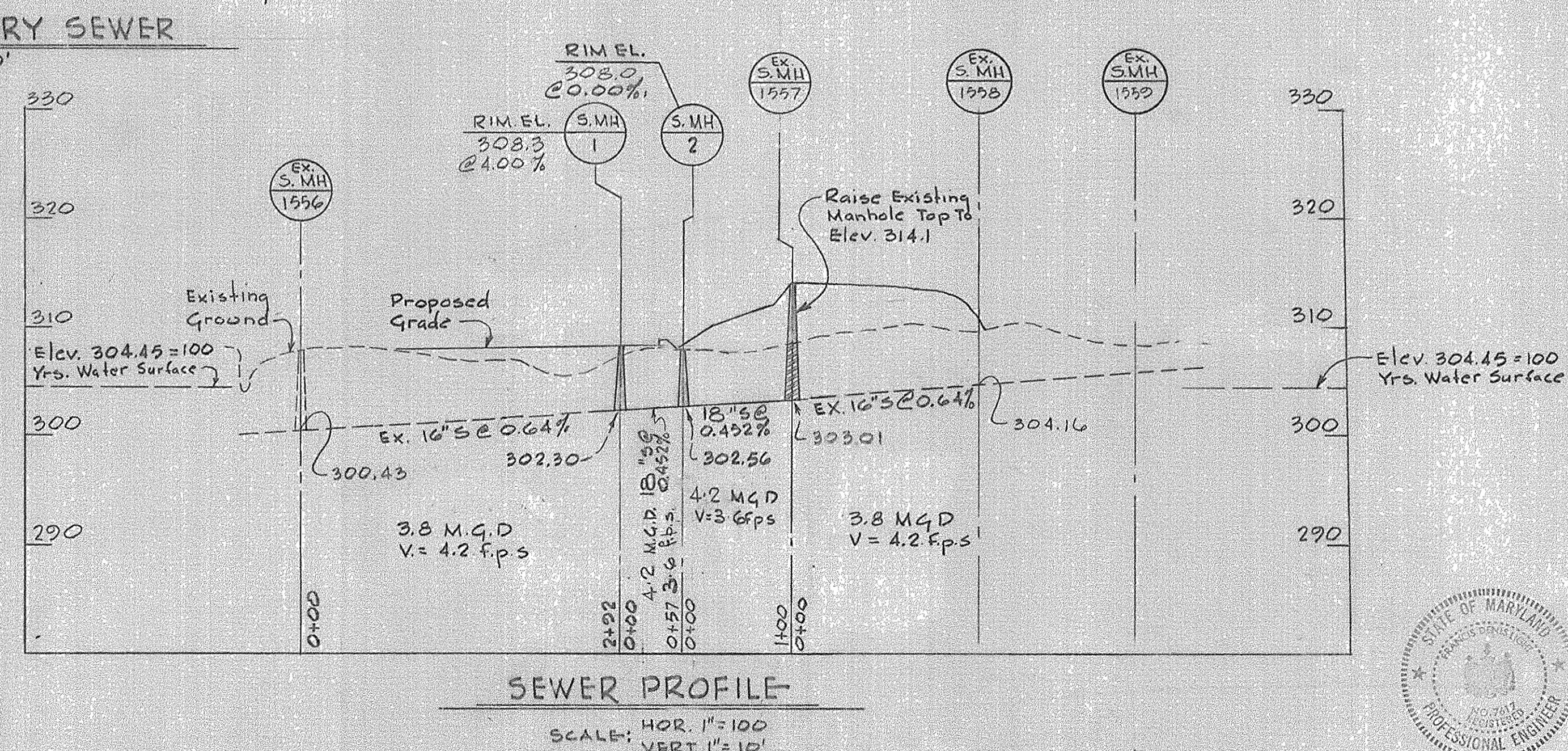
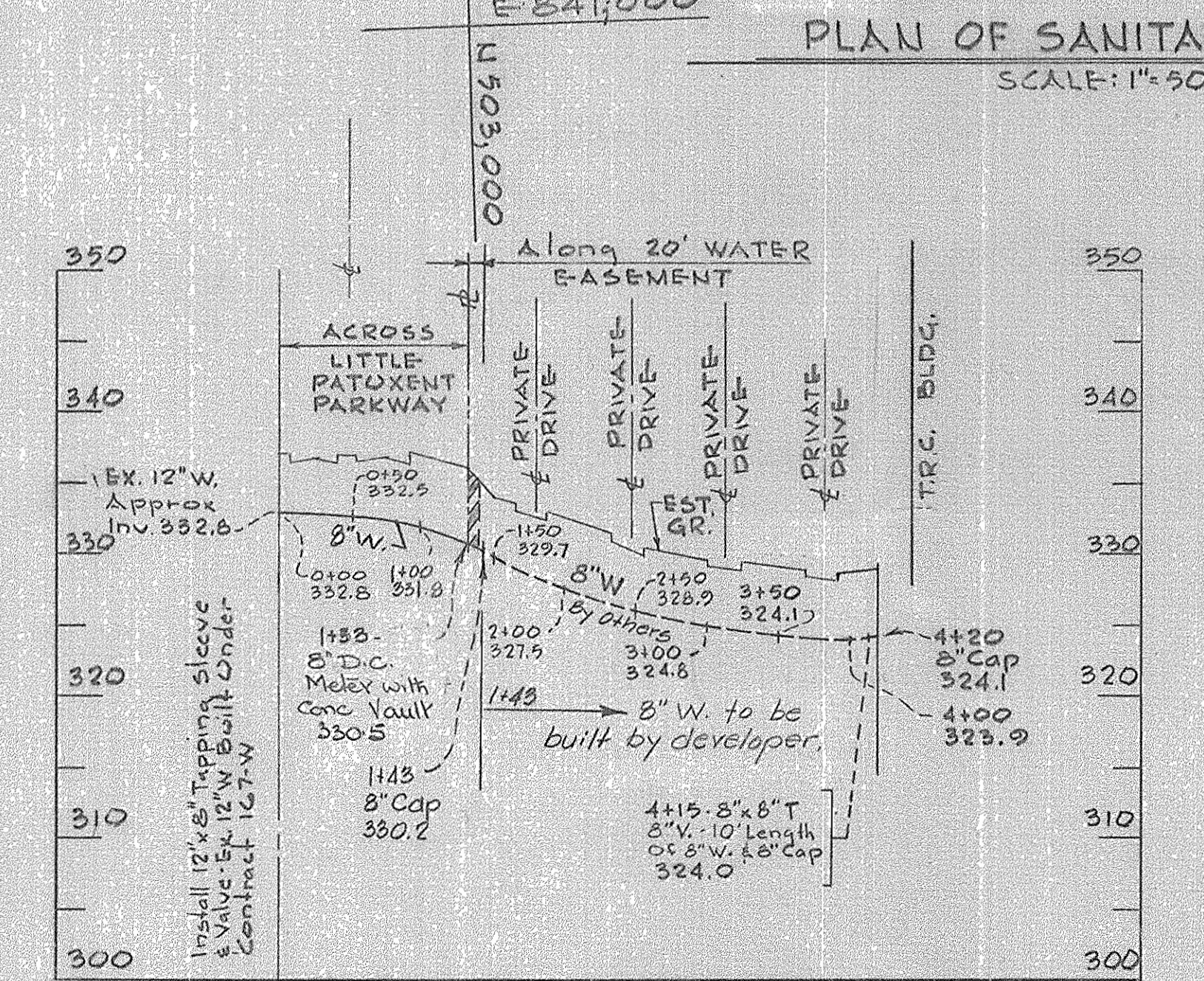
SUPERSEDES

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QUANTITIES	
ITEM	QUANTITY
16" SEWER	157 LF.
8" WATER	140 LF.



**GENERAL NOTES**

- The Contractor shall notify the C.P. Telephone Co. prior to any construction in the vicinity of any Telephone Co. facilities by calling collect 685-0400 in Balto., Md.
- All water mains to be C.I.P., D.I.P., or A.C.P.X. unless otherwise noted.
- 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.
- The Contractor shall test pit existing utilities where directed by the Engineer a minimum of two weeks in advance of construction operations.
- Clear all poles and guy wires anchors 2'-0" minimum.
- All pipe elevations shown are invert (I) elevations.
- For details not shown on the Contract Drawings, see Standard Details bound in the Specifications.
- All manholes shall be 4'-0" inside diameter unless otherwise noted.
- The Contractor shall provide a pipe joint in each sewer main within 2'-0" of the exterior of manhole walls.
- Trees are to be protected to the maximum extent reasonable. Trees which are to remain will be marked by the Engineer prior to commencing of construction operations.
- All 18" S shall be Asbestos Cement pipe class 2400, C.S.P.X. or V.C.P.X. unless otherwise noted.
- The Contractor shall locate existing utilities a minimum of two weeks in advance of construction operations in vicinity of utilities.
- Clear all utilities by a minimum of 6' all poles by a min. 2'-0" or tunnel as required.
- All water mains to have a min. 3'-2" of cover unless otherwise noted.
- Block all fittings with conc., see standards bound in specifications.
- All valves shall be strapped to trees in accordance with stand. details.
- Cost of strapping valves to trees shall be included in the unit price bid for furnishing and laying of water mains.
- The contractor shall notify the Balto. Gas & Elect. Co. 72 hours in advance of excavation by calling 339-8000 Ext. 69.
- Coordinates shown are based on Maryland State Datum.



REVISED SEWER BET. MH 1556 & 1557  
 1-15-73 1 Revised Sanitary Sewer  
 Rev. Date Rev. No. Rev. Description

RICHARD P. BROWNE ASSOCIATES CONSULTING ENGINEERS - PLANNERS COLUMBIA, MARYLAND	HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS 2-15-73 Date	W. O. Lillie Chief Engineer	EXISTING CONTRACT NO. 169-S & 167-W PLAN & PROFILE OF WATER & SEWER MAINS	COLUMBIA TOWN CENTER SECTION I - LOTS 17 & 18 5TH ELECTION DISTRICT HOWARD COUNTY, MD.	DRAWING NO. 1 OF 1 SCALE AS SHOWN	DES. W.H.N. DRN. J.J.B. CHK. J.E.C.P.
	FRANCIS D. LIPTON PROFESSIONAL ENGINEER					

WS 169-S & 167-W/1