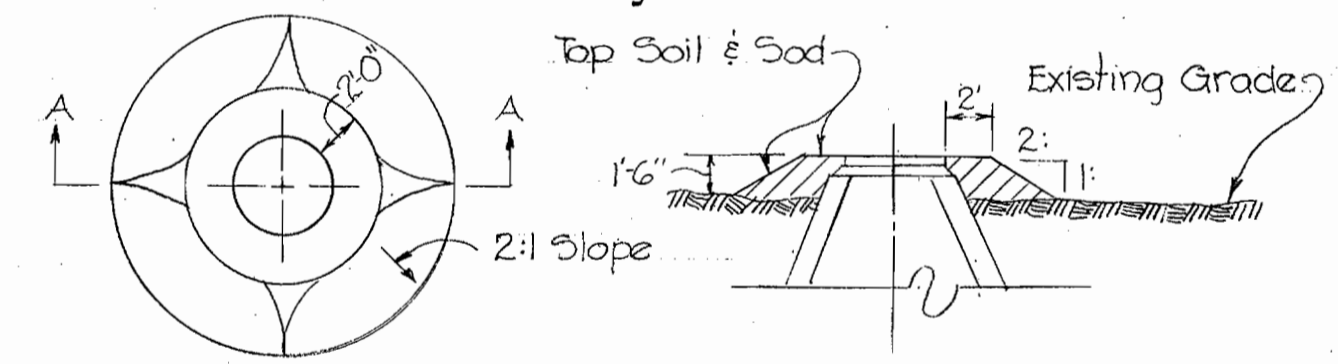


VICINITY MAP

Scale: 1" = 1/2 mile

GENERAL NOTES

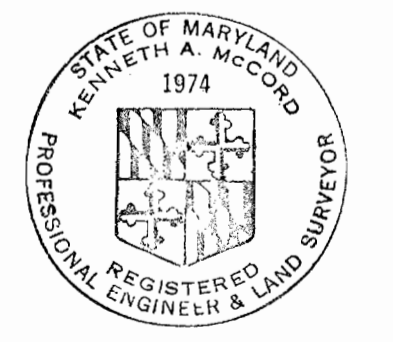
1. Approximate locations of existing mains are shown. The Contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately.
2. All pipe elevations are invert elevations.
3. The Contractor shall 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. The Contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole walls.
6. All manholes shall be 4'-0" inside diameter.
7. All 8" Cast Iron Sewer pipe to be Class 22, or 8" Ductile Iron Pipe Class 2, unless otherwise noted.
8. All 12" water mains shall be CIP or DIP, 16", 24" and 30" shall be CIP, DIP or Concrete Pressure Pipe. All mains shall have a minimum cover of 3/4'.
9. Cost of strapping 12" Valve to 24" main shall be included in the unit price bid for furnishing and laying the water main.
10. Clear all utilities by 9' minimum.



PLAN SECTION 'A-A'

FILL AT MANHOLE

Scale: 1/8" = 1'-0"



Kenneth A. McCord

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

HOWARD COUNTY METROPOLITAN COMMISSION
DATE: 3-18-68
W O Libbert
CHIEF ENGINEER

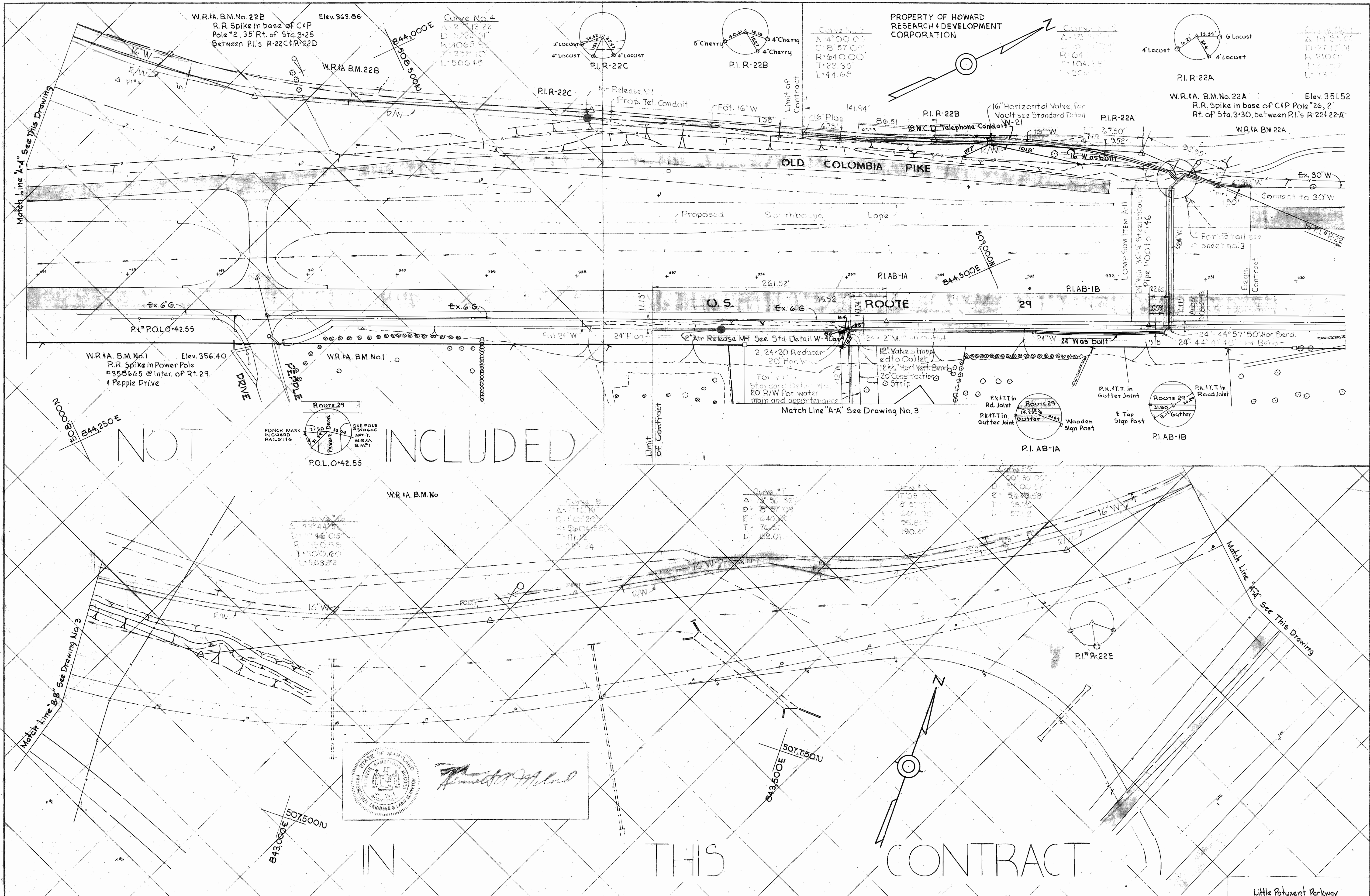
CONTRACT NO. 225-W&S

PLAN AND PROFILE OF
SEWER MAINS

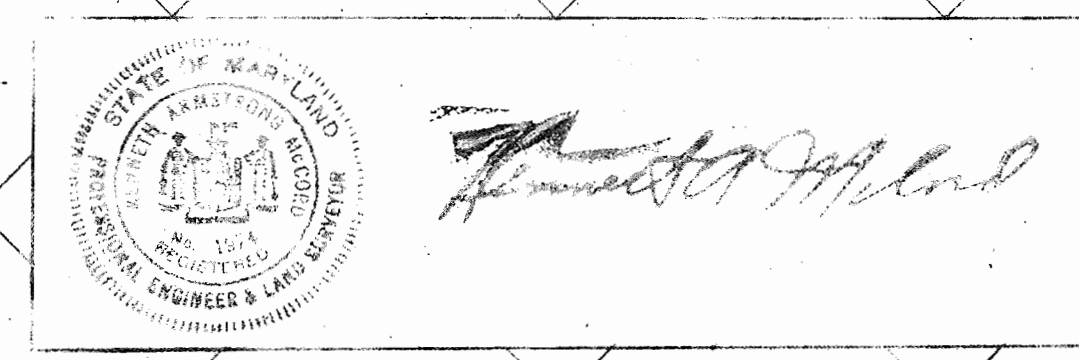
ELECTION DISTRICT
GUILFORD No. 6 & CLARKSVILLE No. 5

DRAWING NO. 1 OF 3
SCALE AS SHOWN

WS 225-WS/2



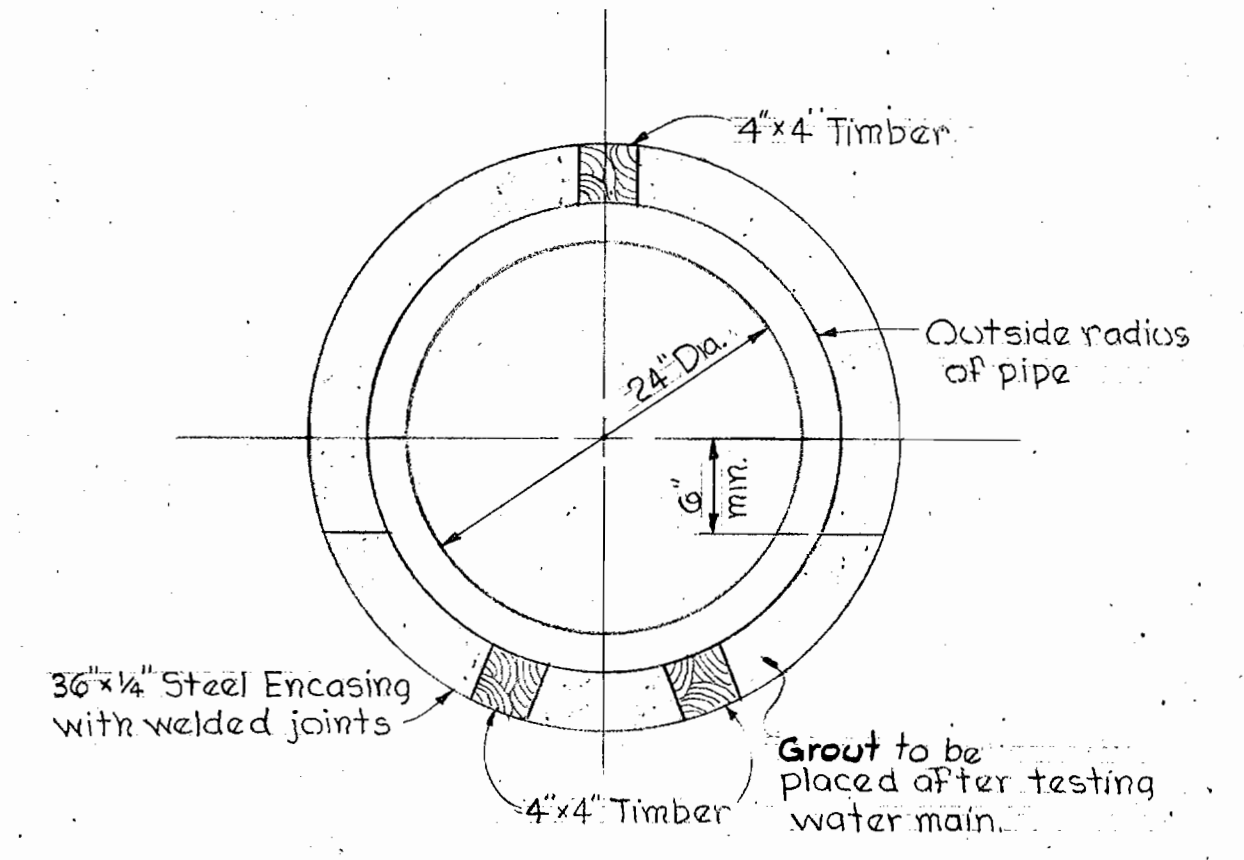
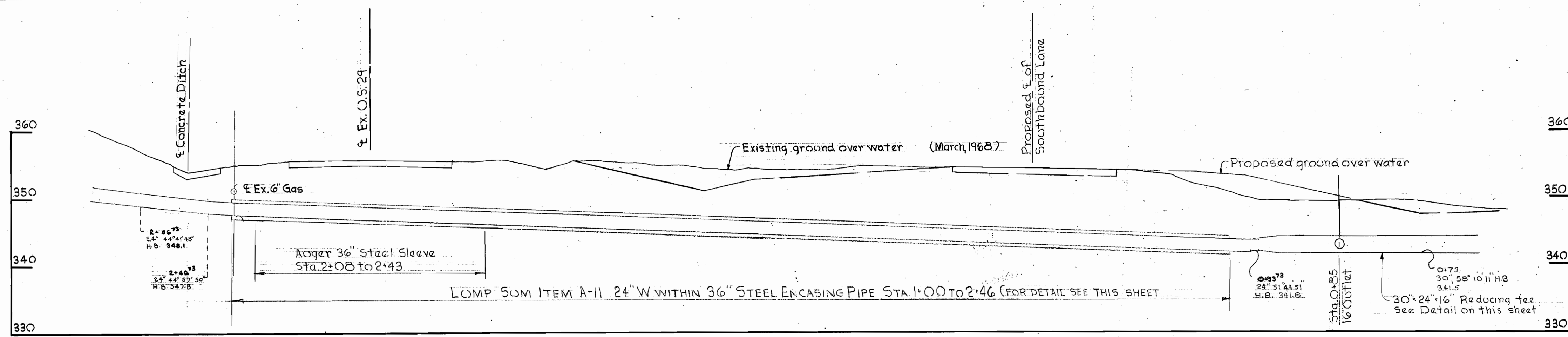
NOT INCLUDED



WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION 3-18-68 DATE	CONTRACT NO. 225 W&S W. O. Falber CHIEF ENGINEER	PLAN OF WATER MAIN EXTENSIONS	ELECTION DISTRICT GUILFORD No 6 & CLARKSVILLE No.5	DRAWING NO. 2 OF 3 SCALE 1"=50' AS BUILT AUGUST 7, 1968
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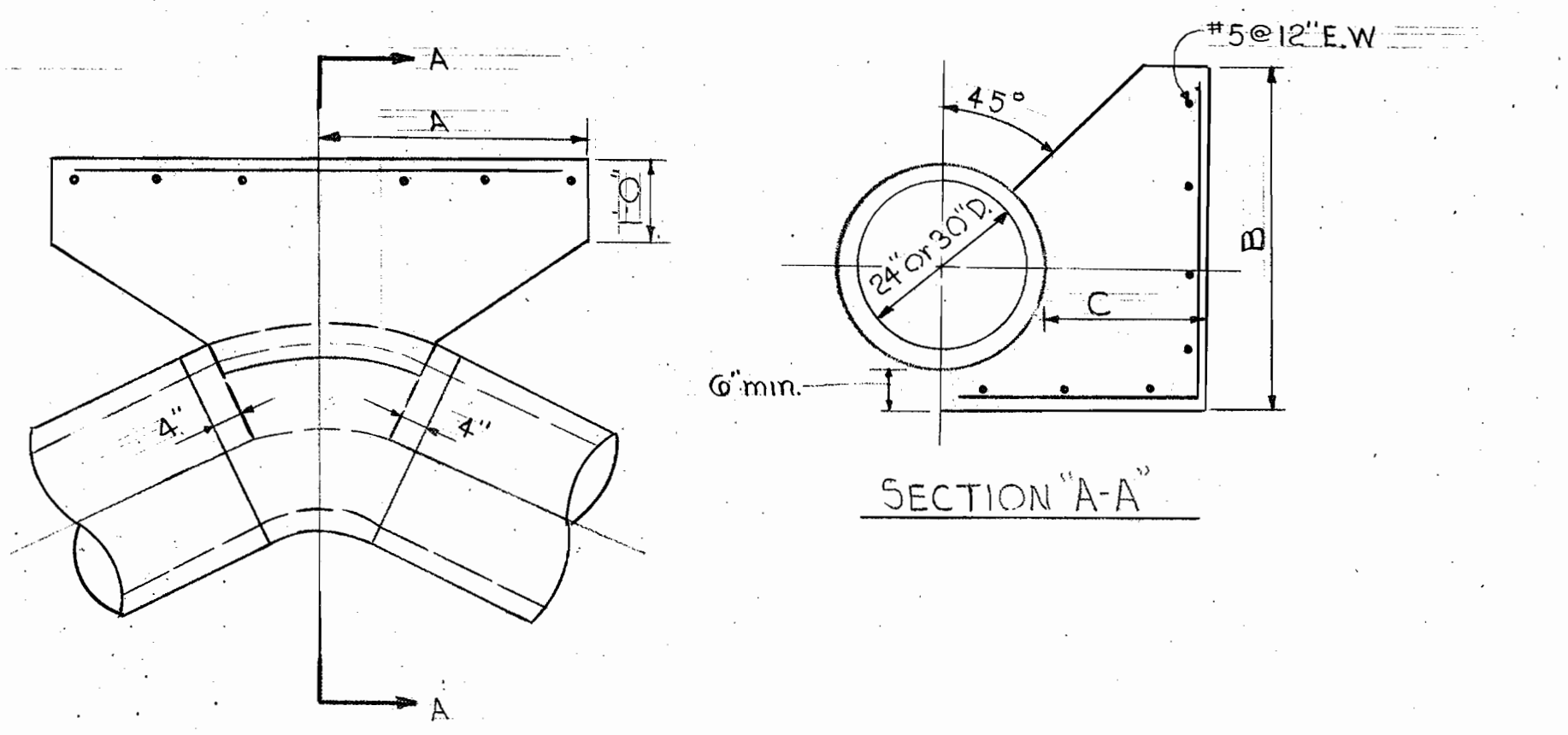
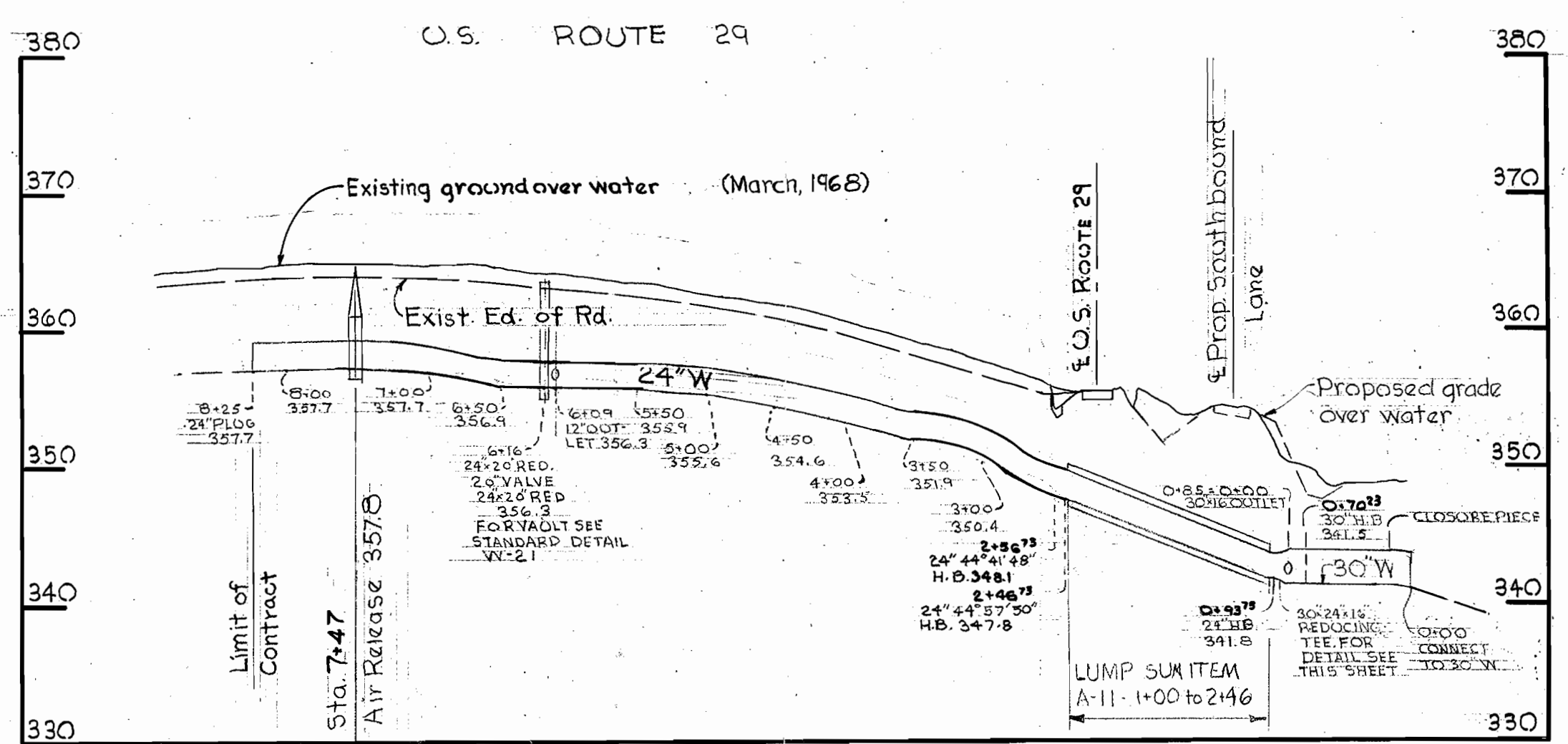
W. O. 5562

FB #4033



CONCRETE PIPE
 24" WATER CROSSING AT ROUTE 29 STATION 331+40
 Scale: 1"=10'

DETAIL OF STEEL ENCASEMENT
 Scale: 1"=1'



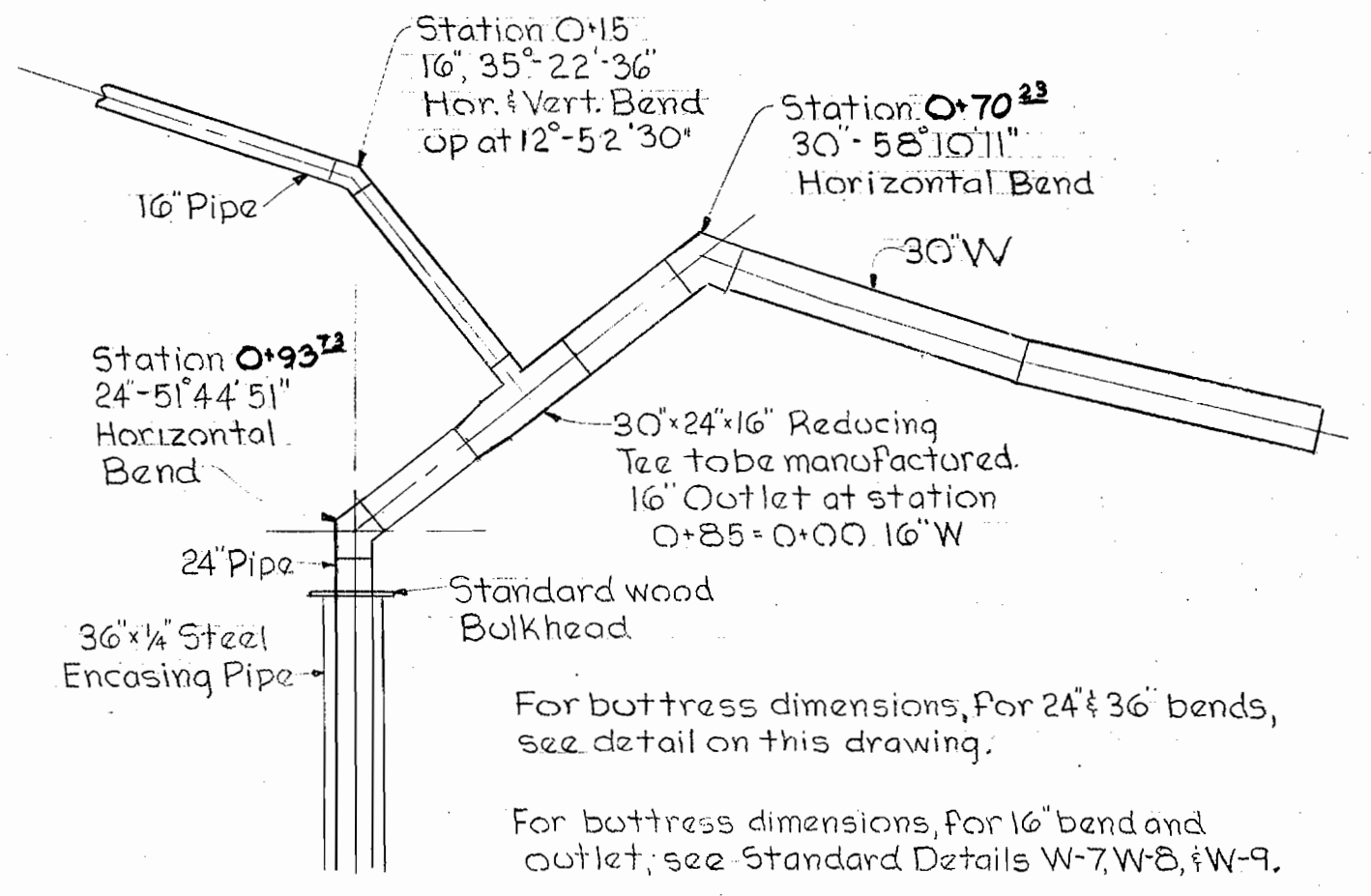
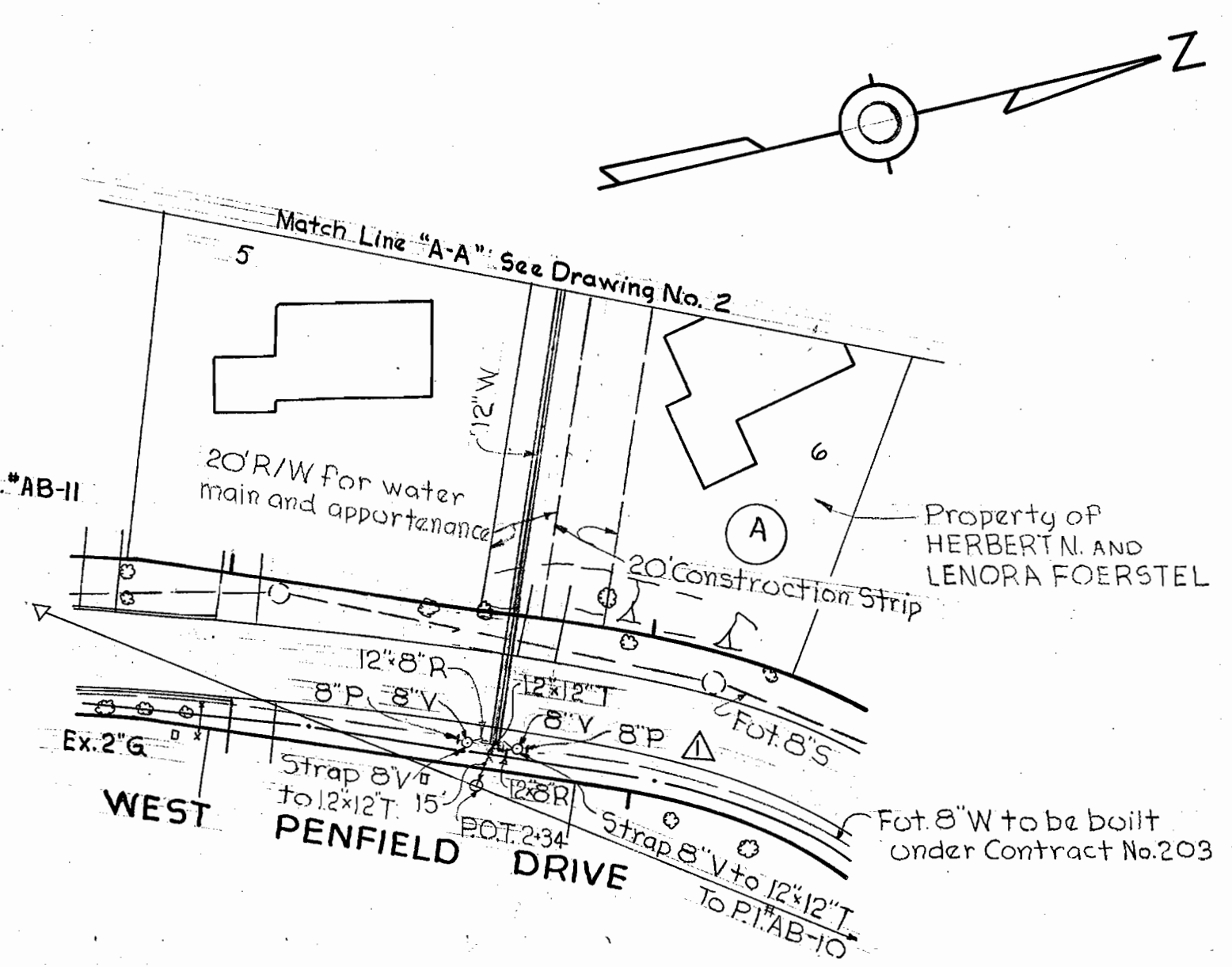
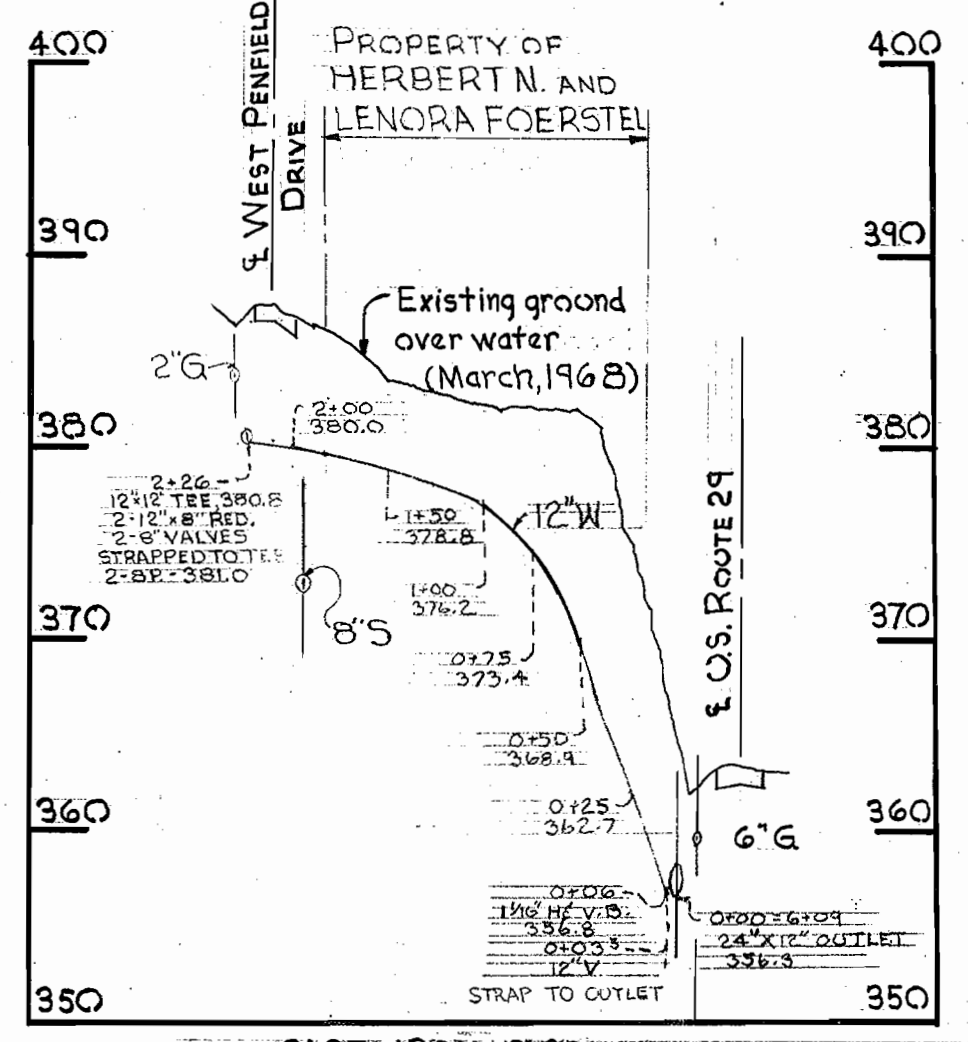
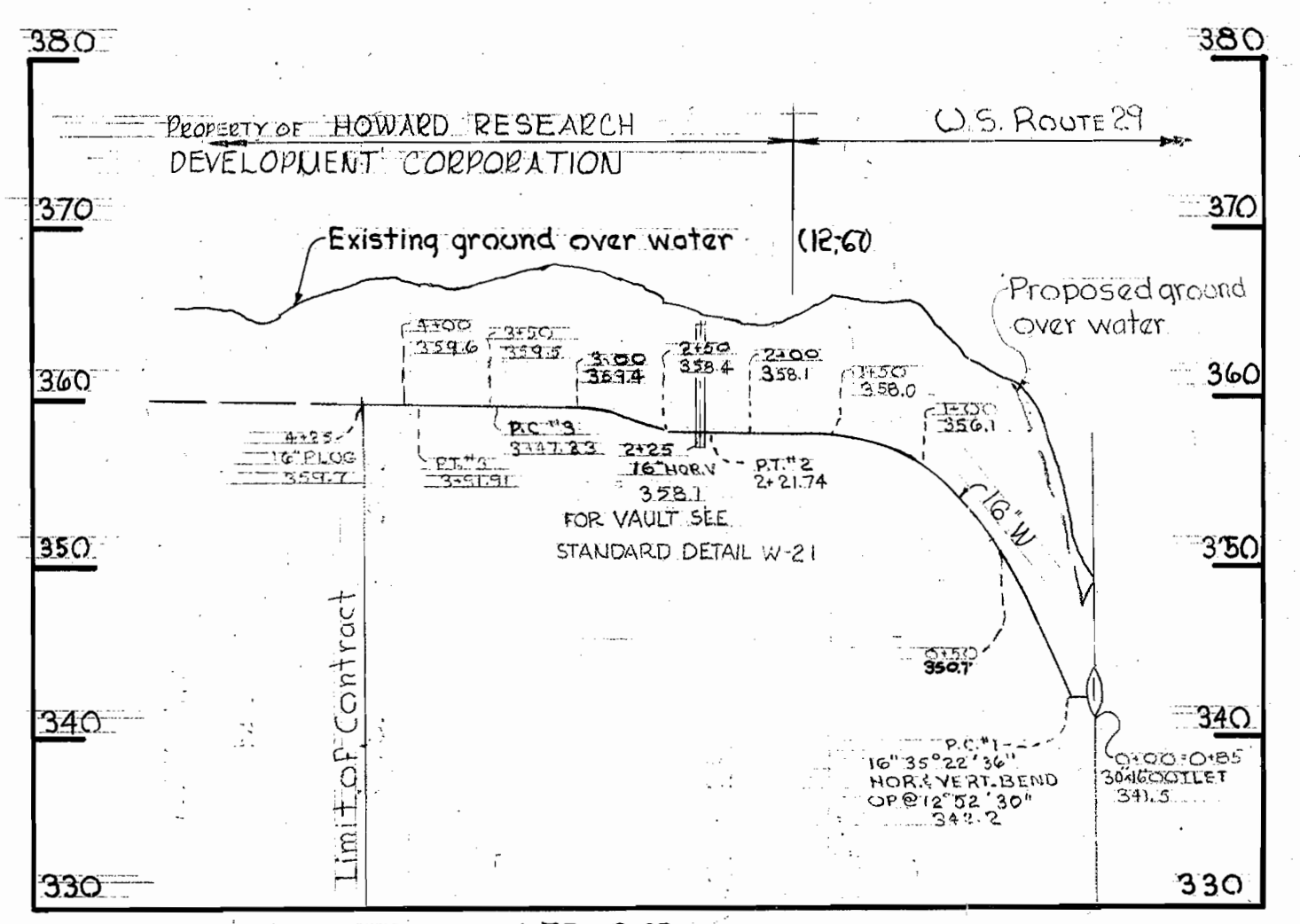
SCHEDULE

Station	Bend	Dimensions		
		A	B	C
0+73.00	58° 10' 11"	3'-6"	4'-4"	1'-6"
0+96.50	51° 44' 51"	3'-3"	4'-2"	2'-0"
2+49.50	44° 57' 50"	2'-2"	3'-6"	1'-6"
2+59.50	44° 41' 48"	2'-2"	3'-6"	1'-6"

For all other Buttress Dimensions see Standard Details W-7, W-8, & W-9 in Specifications.

PROFILE OF 30" AND 24" WATER CONCRETE PIPE
 Scale: H: 1"=100' V: 1"=10'

DETAILS OF CONCRETE BUTTRESSES
 Scale: 1/2"=1'



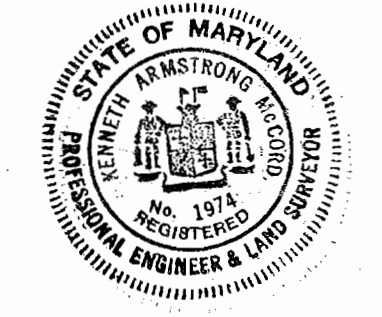
CONCRETE PIPE
 PROFILE OF 16" WATER
 Scale: H: 1"=100' V: 1"=10'

CAST IRON PIPE
 12" WATER TO GUILFORD DOWNS
 Scale: H: 1"=100' V: 1"=10'

12 INCH WATER INTO GUILFORD DOWNS
 Scale: 1"=50'

DETAIL IN VICINITY OF 16-INCH OUTLET
 Scale: 1"=10'

Handwritten signature



3/26/67	Added 12"x12" T, 2-12"x8" R, 2-8" Valves, and 2-8" P
No. Date	Revision

WHITMAN, REQUARDT & ASSOCIATES ENGINEERS 1304 ST. PAUL ST. BALTIMORE, MARYLAND	HOWARD COUNTY METROPOLITAN COMMISSION 3-18-68 DATE	W O Foerstel CHIEF ENGINEER	CONTRACT NO. 225 W & S	PLAN, PROFILE AND DETAILS WATER MAIN EXTENSIONS	ELECTION DISTRICT GUILFORD No. 6 & CLARKSVILLE No. 5	DRAWING NO. 3 OF 3	SCALE AS SHOWN
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W. O. 5562-2

AS BUILT
AUGUST 7, 1968

WS 225-WS/3