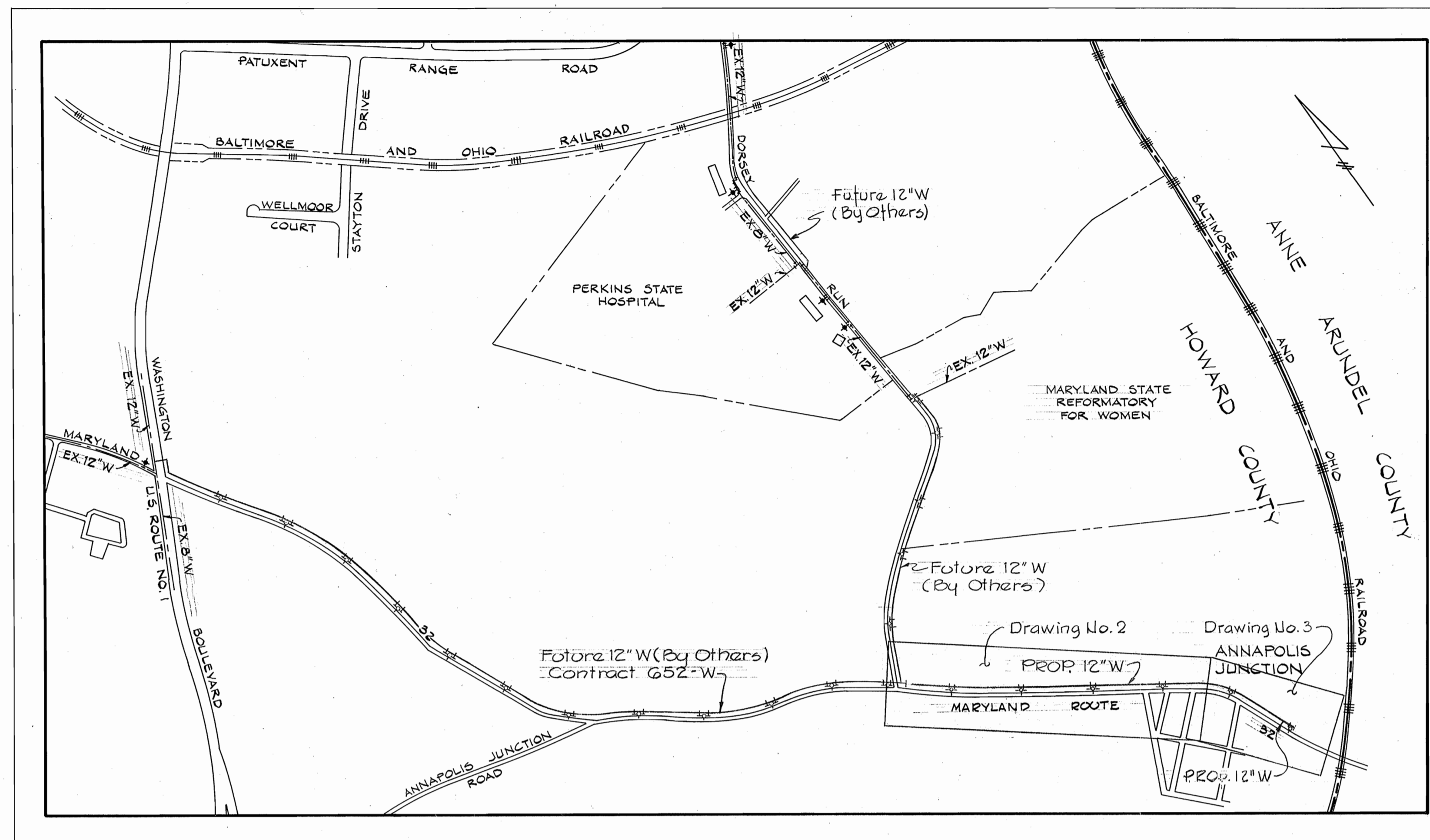


GENERAL NOTES

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 due to the contractor's operations shall be repaired immediately at the contractor's expense.
2. All pipe elevations shown are \odot invert elevations.
3. The contractor shall locate existing utilities a minimum of two weeks in advance of construction operations in the vicinity of proposed utilities.
4. For standard details see standards bound in specifications.
5. Clear all utilities by a minimum of 6". Clear all utility poles by 2'-0" minimum or tunnel as required. Any costs incurred to the contractor for tunneling or bracing at poles shall be included in unit prices bid for excavation.
6. Contractor shall notify the following utilities or agencies at least five (5) days before starting work shown on these plans:
 State Highway Administration - 531-5533
 Baltimore Gas & Electric Company - Underground Electric Distribution Engineering - "Damage Control" - 234-5691
 Baltimore Gas & Electric Company - Underground Gas Distribution Engineering - 559-0100
 Chesapeake and Potomac Telephone Company - 725-9976
 Miss Utility - 393-3648
7. Trees are to be protected from damage to maximum extent. Trees located within the construction strip are not to be removed or damaged by the contractor.
8. Place regulation "Men Working" and warning signs as required to comply with Maryland State Highway Administration manual of Traffic Control for Highway Construction and Maintenance Operations.
9. All water mains to be C.I.P., D.I.P., or A.C.P. unless otherwise noted.
10. Top of all water mains to have a minimum of 3'-6" cover unless otherwise noted.
11. All valves shall be strapped to tees, where applicable, in accordance with standard details.
12. Buttress or anchor all water main fittings with concrete. See standard details bound in the specifications.
13. Bury line elevations on fire hydrants shall be set to the elevations shown on the drawings. All fire hydrants shall be strapped and buttressed with concrete in accordance with standard details. Soil around the fire hydrant to be compacted in accordance with Section 5-15 of the Standard Specifications.
14. Cost of strapping fire hydrants and valves to be included in the unit price bid for furnishing and installing fire hydrants.
15. All horizontal controls are based on Maryland State Coordinates.
16. All vertical controls are based on Maryland State Datum.

QUANTITIES		
SIZE	PROPOSED	"AS BUILT"
6" WATER	60 L.F.	28 L.F.
12" WATER	2,815 L.F.	2,815 L.F.
FIRE HYD.	6 EA.	5 EA.



CAPITAL PROJECT W-4-8022
CONTRACT NO 653-W
GUILFORD ROAD - MARYLAND ROUTE 32
WATER MAIN EXTENSIONS
HOWARD COUNTY, MARYLAND
DEPARTMENT OF PUBLIC WORKS

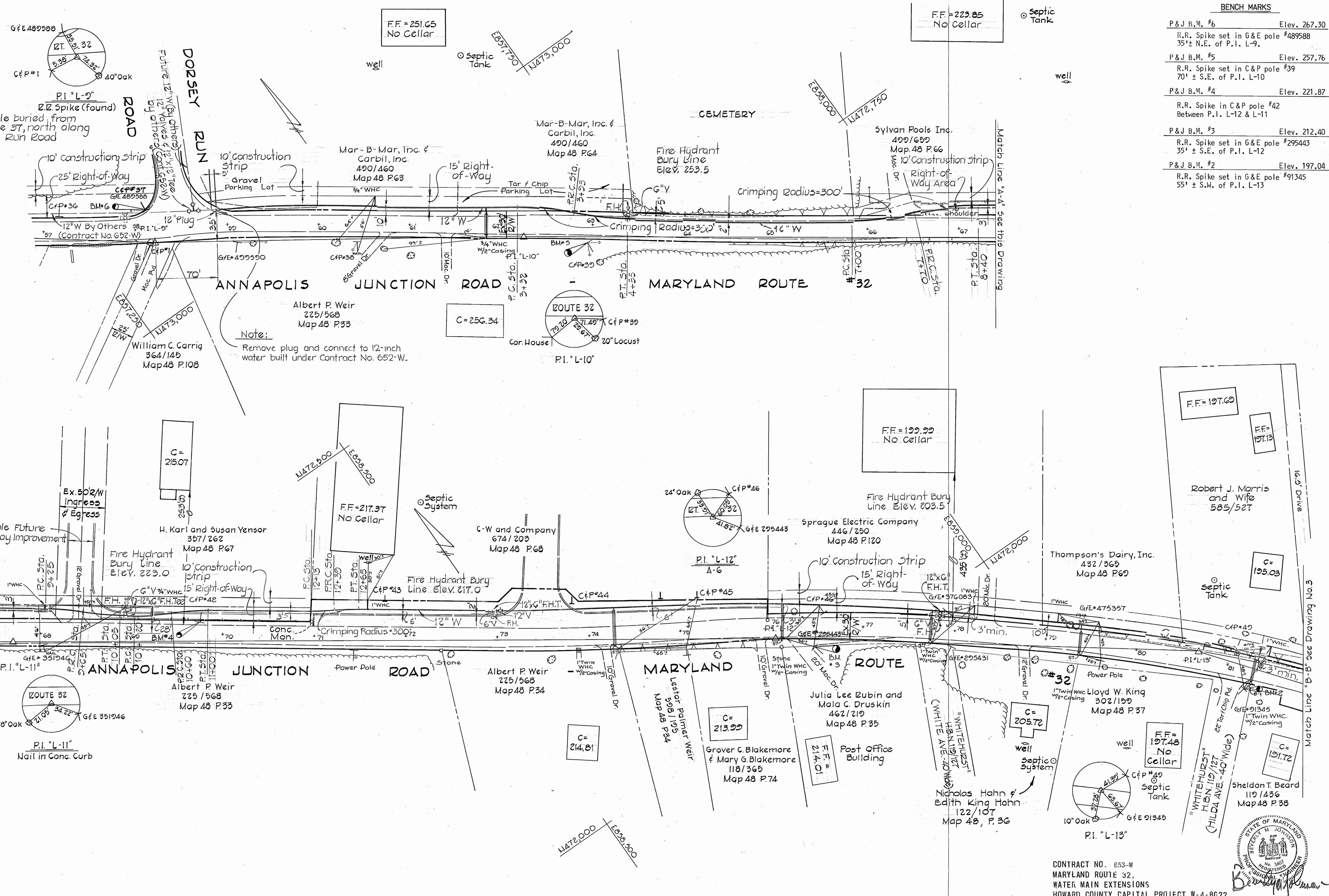


CONTRACT NO. 653-W
 MARYLAND ROUTE 32
 WATER MAIN EXTENSIONS
 HOWARD COUNTY CAPITAL PROJECT W-4-8022

12" & 6" Water - DIP - GRIFFIN

PURDUM & JESCHKE ENGINEERS 1023 N. CALVERT ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 11-6-75 DATE <i>W.O. Falbert</i> CHIEF-BUREAU OF ENGINEERING	CONTRACT NO. 653-W	VICINITY MAP	GUILFORD RD. - MD. RT. 32 ELECTION DISTRICT GUILFORD NO. 6	DRAWING NO. 1 OF 4 SCALE 1" = 600'
	As Built 10-18-77			MAY 6, 1977	

WS 653 W/1 SM



Note:
C&P cable buried from
C&P pole 37, north along
Dorsey Run Road

Note:
Remove plug and connect to 12-inch
water built under Contract No. 652-W.

BENCH MARKS	
P&J B.M. #6	Elev. 267.30
R.R. Spike set in G&E pole #489588 35' ± N.E. of P.I. L-9.	
P&J B.M. #5	Elev. 257.76
R.R. Spike set in C&P pole #39 70' ± S.E. of P.I. L-10	
P&J B.M. #4	Elev. 221.87
R.R. Spike in C&P pole #42 Between P.I. L-12 & L-11	
P&J B.M. #3	Elev. 212.40
R.R. Spike set in G&E pole #295443 35' ± S.E. of P.I. L-12	
P&J B.M. #2	Elev. 197.04
R.R. Spike set in G&E pole #91345 55' ± S.W. of P.I. L-13	

PURDUM & JESCHKE
ENGINEERS
1023 N. CALVERT ST.
BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
11-6-75
DATE

CONTRACT NO. 653-W

PLAN OF
WATER MAINS

GUILFORD RD. - MD. RT. 32
ELECTION DISTRICT GUILFORD NO. 6

DRAWING
NO. 2
OF 4

SCALE
1" = 50'

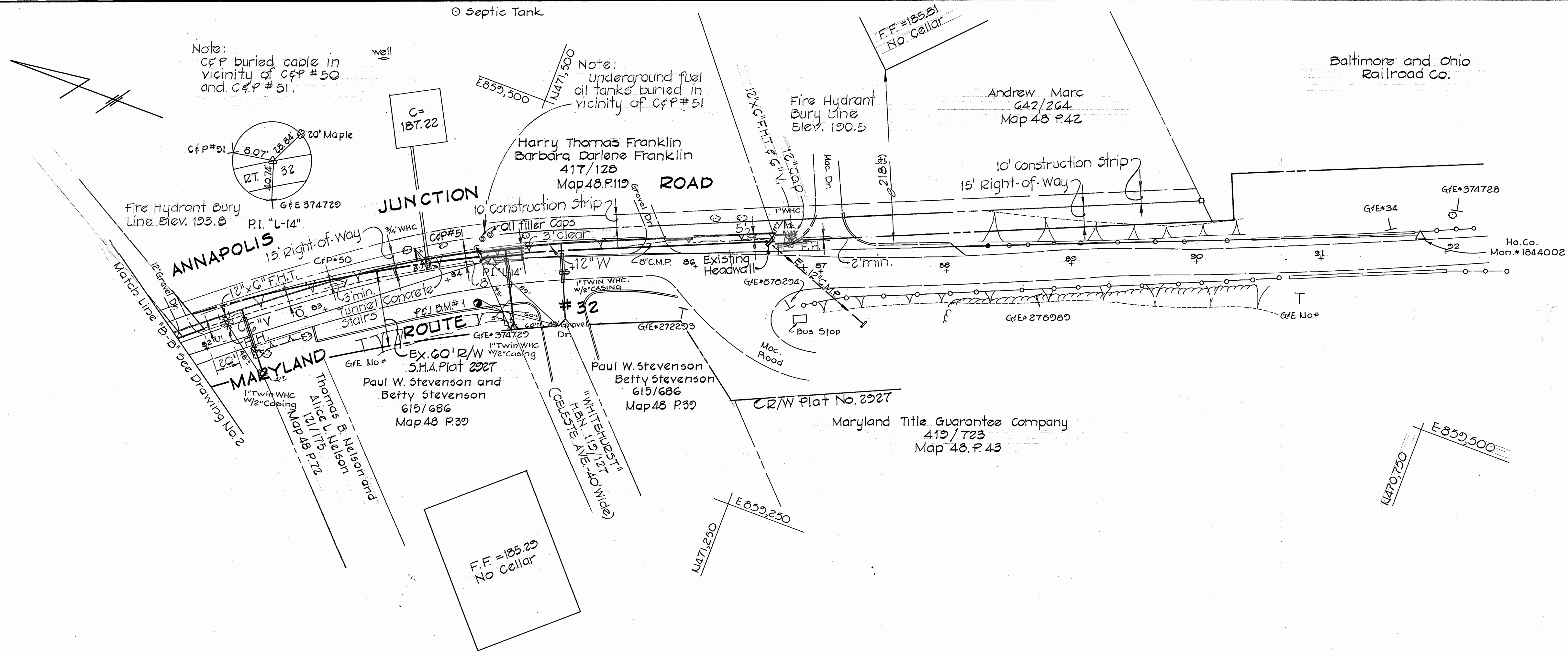
DESIGNED: RDB
DRAFTED: ATZ
CHECKED: TAF

W.O.# 3369

As Built 10-18-77

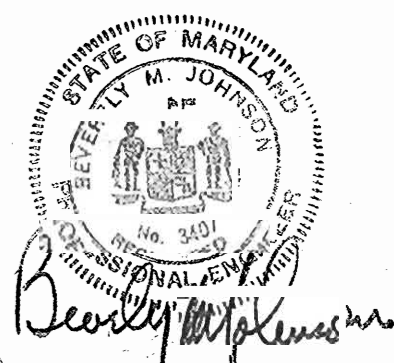
MA' 6, 1977

WS 653 W/M



BENCH MARKS

P & J BM #1 ELEV. 191.75
RR SPIKE SET IN G & E POLE #374729
40'± S/W OF P.I. L-14

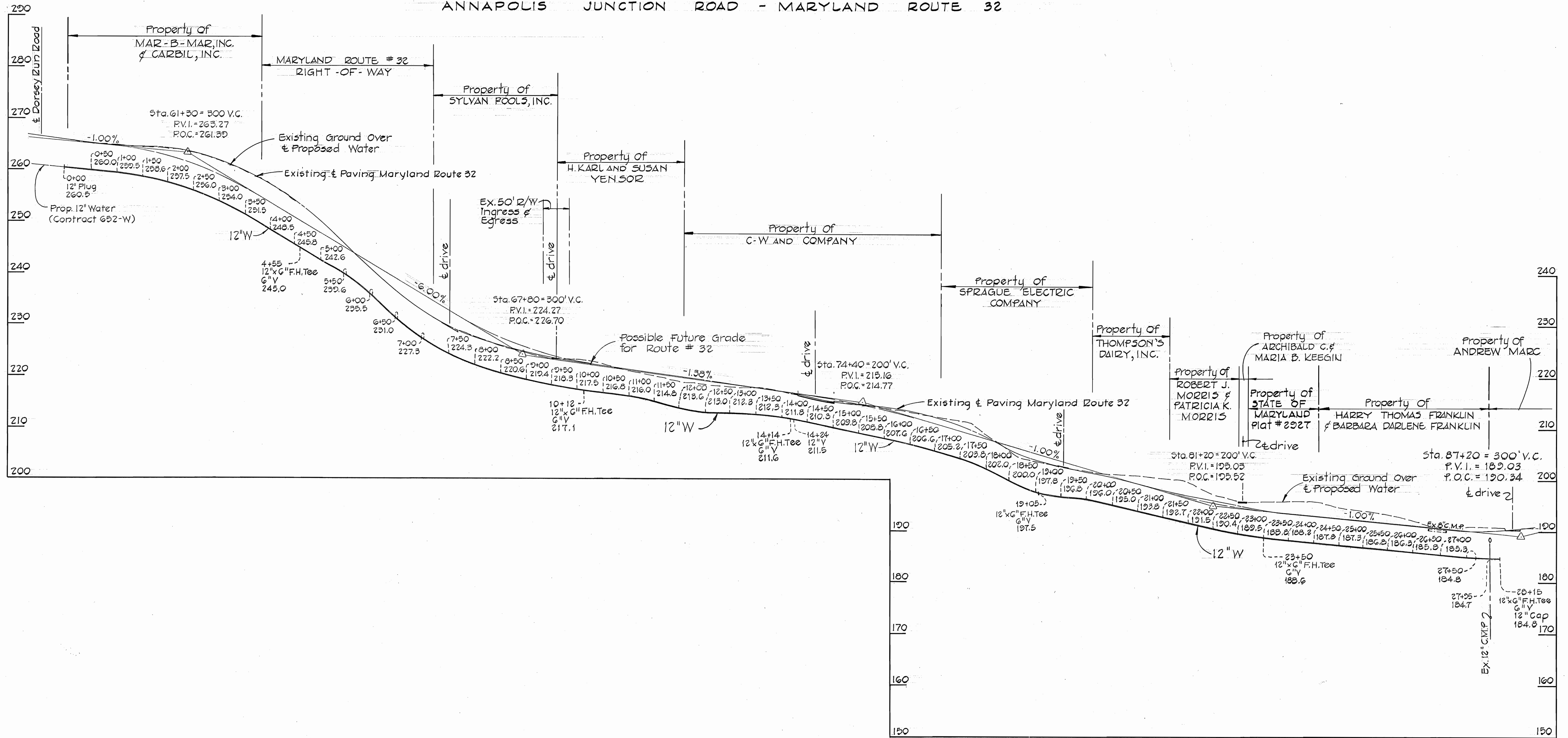


CONTRACT NO. 653-W
MARYLAND ROUTE 32,
WATER MAIN EXTENSIONS
HOWARD COUNTY CAPITAL PROJECT W-4-8022

<p>PURDUM & JESCHKE ENGINEERS 1023 N. CALVERT ST. BALTIMORE, MARYLAND</p>	<p>DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 11-6-77 DATE W. J. Falbert CHIEF BUREAU OF ENGINEERING</p>	<p>CONTRACT NO. 653-W</p>	<p>PLAN OF WATER MAINS</p>	<p>GUILFORD RD. - MD. RT. 32 ELECTION DISTRICT GUILFORD NO. 6</p>	<p>DRAWING NO. 3 OF 4</p>	<p>SCALE 1" = 50'</p> <p>DESIGNED: ROB DRAFTED: ARZ CHECKED: TAF</p>
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WS 653 W/3

ANNAPOLIS JUNCTION ROAD - MARYLAND ROUTE 32



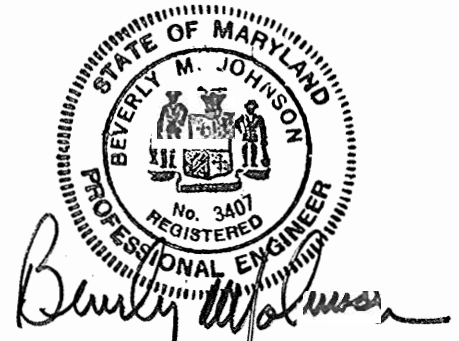
WS 653 W/4

<p>PURDUM & JESCHKE ENGINEERS 1023 N. CALVERT ST. BALTIMORE, MARYLAND</p>	<p>DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND DATE: 11-6-75 W.O. # 3369 CHIEF-BUREAU OF ENGINEERING</p>	<p>CONTRACT NO. 653-W</p>	<p>PROFILE OF WATER MAINS</p>	<p>GUILFORD RD. - MD. ROUTE 32 ELECTION DISTRICT GUILFORD NO. 6</p>	<p>DESIGNED: RDB DRAFTED: ARZ CHECKED: TAF</p>
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W.O. # 3369

As Built 10-18-77

MAY 9, 1977



CONTRACT NO. 653-W
MARYLAND ROUTE 32,
WATER MAIN EXTENSIONS
HOWARD COUNTY CAPITAL PROJECT W-4-8022