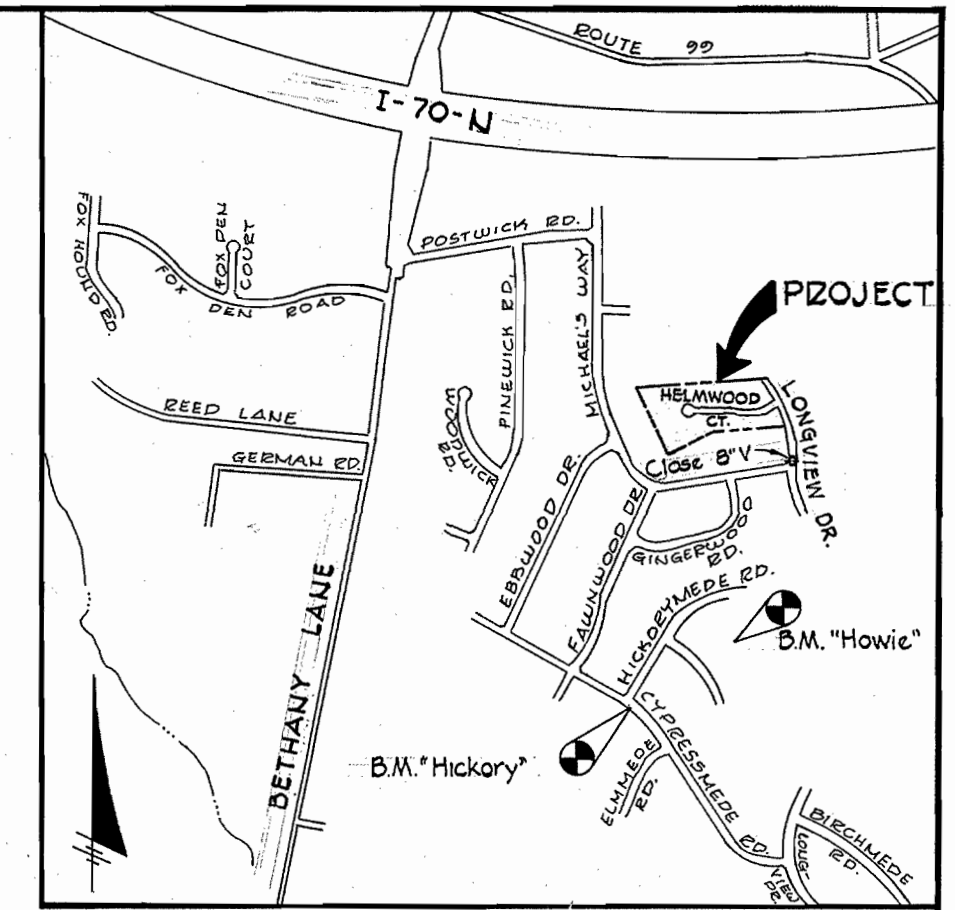


Property of  
GEORGE HARBIN  
285/319

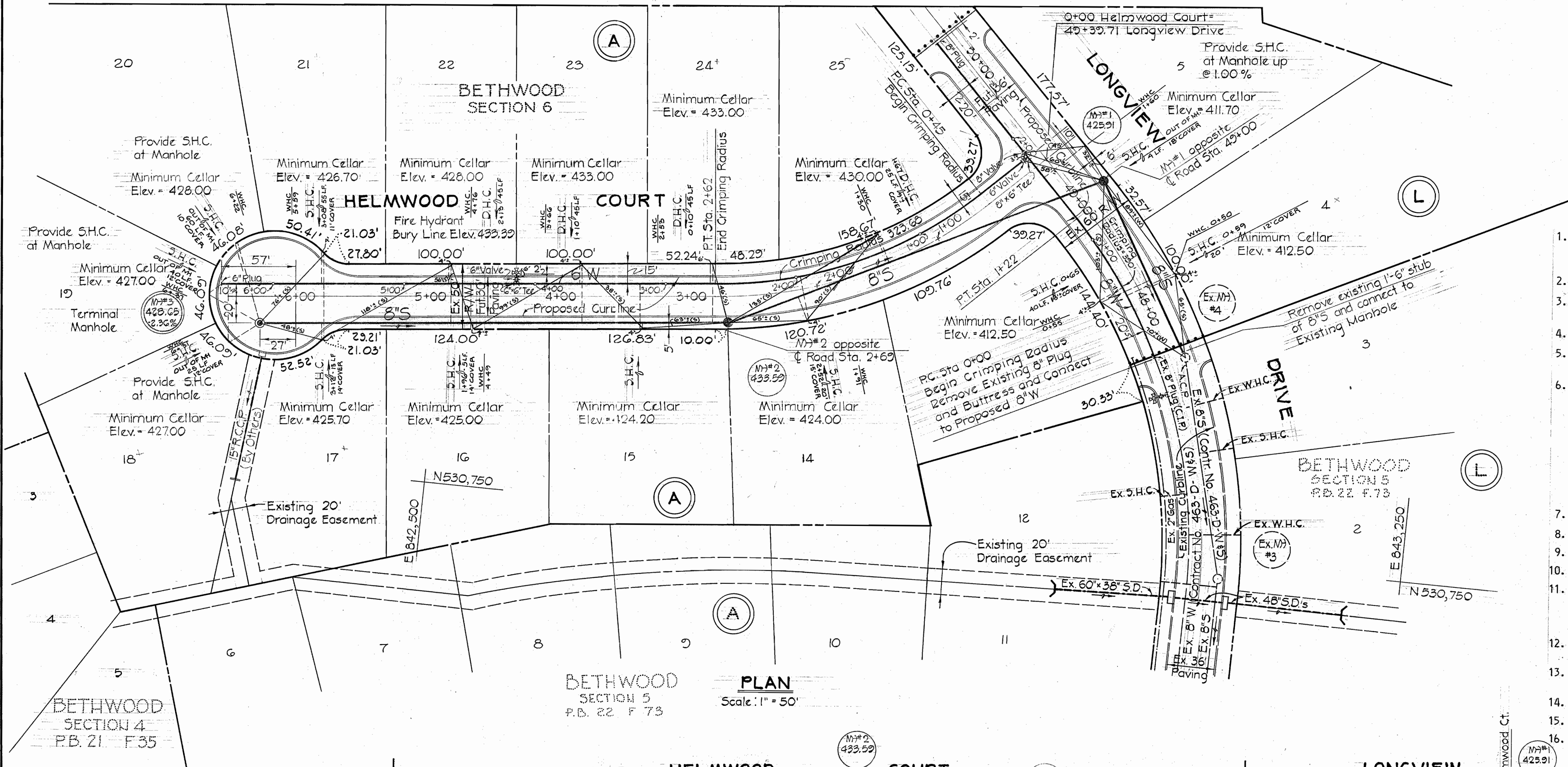
**BENCH MARKS**  
B.M. "Hickory" EL. 433.02  
Road Side Fire Hydrant Bonnett  
Bolt Hickorymade Dr. Across From  
Lots 35 & 36 (Valley Made, Sec. 6)  
B.M. "Howie" EL. 446.18  
3 Nails in G#E# 462628 Rear Lot  
20, Hickorymade Ct. & Hickorymade  
Dr. (Valley made, Sec. 8)



**LOCATION MAP**  
SCALE: 1" = 1200'

**GENERAL NOTES**

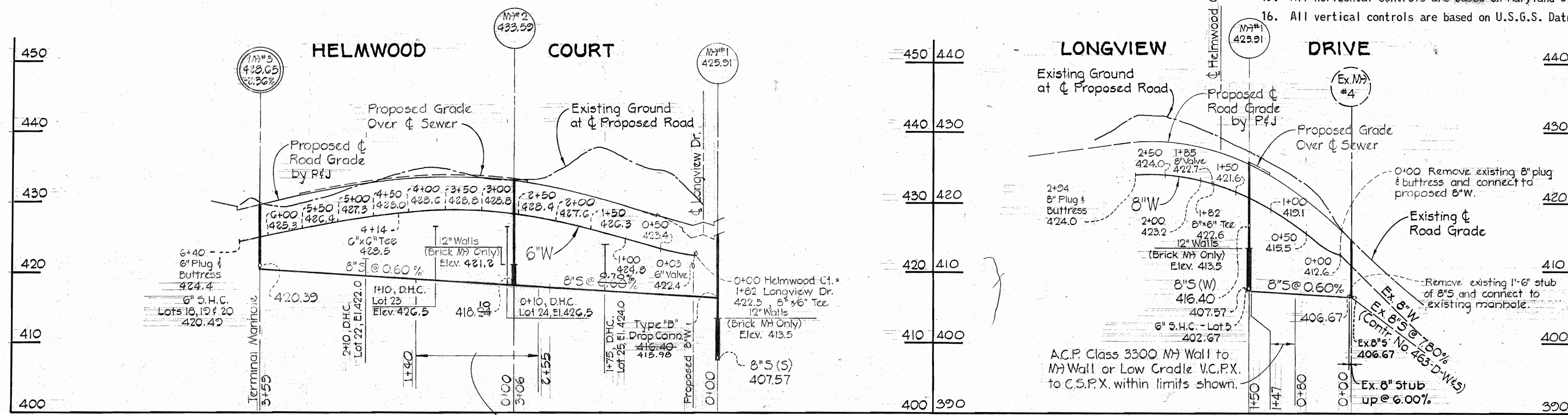
1. Approximate locations of existing mains are shown. The contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately.
2. All pipe elevations shown are invert elevations.
3. Clear all utilities by a minimum of 6". Clear all poles 2'-0" minimum or tunnel as required.
4. For standard details see standards bound in specifications.
5. Contractor shall locate existing utilities in advance of construction operations in the vicinity of proposed utilities.
6. Contractor shall notify the following utilities or agencies at least five (5) days before starting work shown on these plans:  
Baltimore Gas and Electric Company - Underground Electric Distribution Engineering - "Damage Control" - 234-5691  
Baltimore Gas and Electric Company - Underground Gas Distribution Engineering - 559-0100  
Chesapeake and Potomac Telephone Co. - 725-9976
7. All water mains to be C.I.P., D.I.P., or A.C.P. unless otherwise noted.
8. Top of all water mains to have a minimum of 3 1/2' cover unless otherwise noted.
9. All valves shall be strapped to tees in accordance with standard details.
10. Block all fittings with concrete, see standards bound in specifications.
11. 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
12. All sewer mains shall be C.S.P.X., V.C.P.X., OR A.C.P. Class 2400 unless otherwise noted.
13. The contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole walls.
14. All manholes shall be 4'-0" inside diameter, unless otherwise noted.
15. All horizontal controls are based on Maryland State Coordinates.
16. All vertical controls are based on U.S.G.S. Datum.



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

8" Sewer - ACP - J.M.  
8" & 6" Water - ACP - J.M.

QUANTITIES		
Item	Estimated	As Built
8" Sewer	815 L.F.	799 L.F.
8" Water	294 L.F.	294 L.F.
6" Water	647 L.F.	647 L.F.
Fire Hydrant	1 Ea.	1
Manholes	42 V.F.	42 V.F.



**PROFILE**: Horiz: 1" = 100'  
Vert: 1" = 10'

Contract No. 2688-D-W#5  
Bethwood Section 6  
Water and Sewer Main Extension

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

**DEPARTMENT OF PUBLIC WORKS**  
HOWARD COUNTY, MARYLAND  
6-17-76  
DATE

CONTRACT NO. 2688-D-W#5

PLAN AND PROFILE  
WATER AND SEWER MAIN

**BETHWOOD SECTION 6**  
ELECTION DISTRICT NO. 2  
HOWARD COUNTY, MARYLAND

**DRAWING**  
NO. 1  
OF 1

**SCALE**  
As Shown

**DESIGNED:** AEL  
**DRAFTED:** AEL  
**CHECKED:** TAF