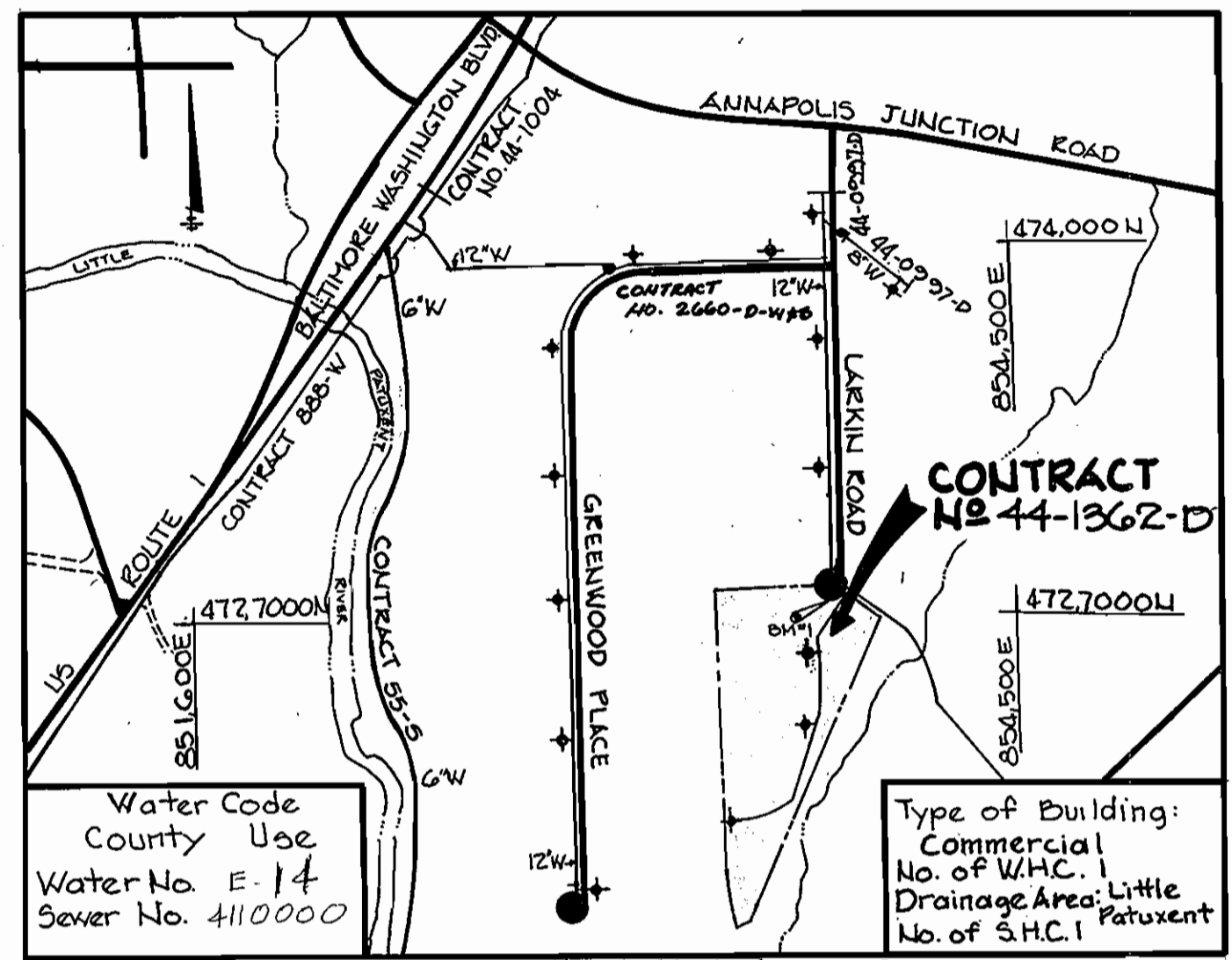


BENCH MARK
 B.M. #1 Elev 160.10
 Traverse Point 0+00 at the end of the
 Cul-de-sac on Larkin Road



VICINITY MAP
 Scale: 1" = 600'

GENERAL NOTES

- 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 to the satisfaction of the Engineer at the contractor's expense.
- All horizontal controls are based on Maryland State Coordinates.
- All vertical controls are based on U.S.G.S. data.
- All pipe elevations shown are invert elevations.
- Clear all utilities by minimum of 6" Clear all poles by 2'-0" minimum or tunnel as required. The owner has contacted the utility companies and has made arrangements for bracing of poles as shown on the drawings. In the event the contractor's work requires the bracing of additional poles, any cost incurred by the owner for the bracing of additional poles or damages shall be deducted from money owed the contractor. The contractor shall coordinate with the utility companies to schedule the bracing of the poles.
- For details not shown on the drawings, and for materials and construction methods, use Howard County Design Manual, Volume IV, Standard Specifications and Details for Construction. The contractor shall have a copy of Volume IV on the job.
- Where test pits have been made on existing utilities, they are noted by the symbol at the location of the test pit. A note or notes containing the results of the test pit or pits is included on the drawings. Existing utilities in the vicinity of the proposed work for which test pits have not been dug shall be located by the contractor two weeks in advance of construction operations at his own expense.
- Contractor shall notify the following utilities or agencies at least five working days before starting work shown on these plans:

| | |
|--|------------|
| State Highway Administration | 531-5535 |
| Baltimore Gas & Electric Co. - Contractor Services | 561-2585 |
| Baltimore Gas & Electric Co. Under Ground Damage Control | 234-5621 |
| Baltimore Gas & Electric Co. Trouble Shooting | 298-9013 |
| Miss Utility | 1-555-0100 |
| Colonial Pipe Line Co. | 795-1390 |
| Bureau of Utilities, Howard County Department of Public Work | 992-2366 |
- 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.
- Contractor shall remove trees, stumps and roots along line of excavation as directed by the Engineer. Payment for such removal shall be included in the unit price bid for excavation and backfill.
- 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.
- All water mains to be D.I.P. unless otherwise noted.
- Top of all water mains to have a minimum of 3/2 cover unless otherwise noted.
- Valves adjacent to tees shall be strapped to tees.
- Block all fittings with concrete.
- Buryline elevations on the fire hydrants shall be set to the elevations shown on the drawing. 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 1003/1008 of the General Requirements of Water & Sewer.
- All water house connections shall be an inside meter setting.
- The contractor shall not operate any water valves on existing system.
- For all copper water connections utilize flared type fittings only.
- Profile station shall be adjusted as necessary to conform to plan dimensions.
- No pipe shall be laid until lines of excavation have been brought to subgrade.

Sediment control measures for this contract will be implemented in accordance with article 15 of the specifications and SDP-85-158

Howard Soil Conservation District Reviewed for Howard Soil Conservation District and meets technical requirements
John M. Adams 6/5/85 Date
 U.S. Soil Conservation Service
 This plan is approved for soil erosion and sediment control by the Howard Soil Conservation District.
Stephen J. Huber 6/5/85 Date
 Howard Soil Conservation District

PLAN
 Scale: 1" = 50'

| QUANTITIES | | |
|---------------|--------------------|-----------------------|
| ITEM | ESTIMATED AS BUILT | MATERIAL/SUPPLIER |
| 8" W | 265 LF | CL 52 DUCELLE/GRiffin |
| 8" V'S | 1 | M/J/MUELLER |
| 6" W | 40 LF | CL 52 DUCITEL/GRiffin |
| FIRE HYDRANTS | 3 | MODEL A-1231 MUELLER |

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

John F. Neman 6-11-85 DATE
 DIRECTOR OF PUBLIC WORKS

William J. Ray 6/10/85 DATE
 CHIEF, BUREAU OF ENGINEERING

Patrick C. Jennings II 6/10/85 DATE
 CHIEF, LAND DEVELOPMENT DIVISION

THE RIEMER GROUP, INC.
 3105 HEALTH PARK DRIVE
 ELLICOTT CITY, MARYLAND 21043

Patrick C. Jennings II
 PATRICK C. JENNINGS II

| | | | |
|---------------|--------|----------|------|
| DES: DAM | | | |
| DRN: B&C | | | |
| CHK: L.J.D. | | | |
| DATE: 5-31-85 | BY NO. | REVISION | DATE |

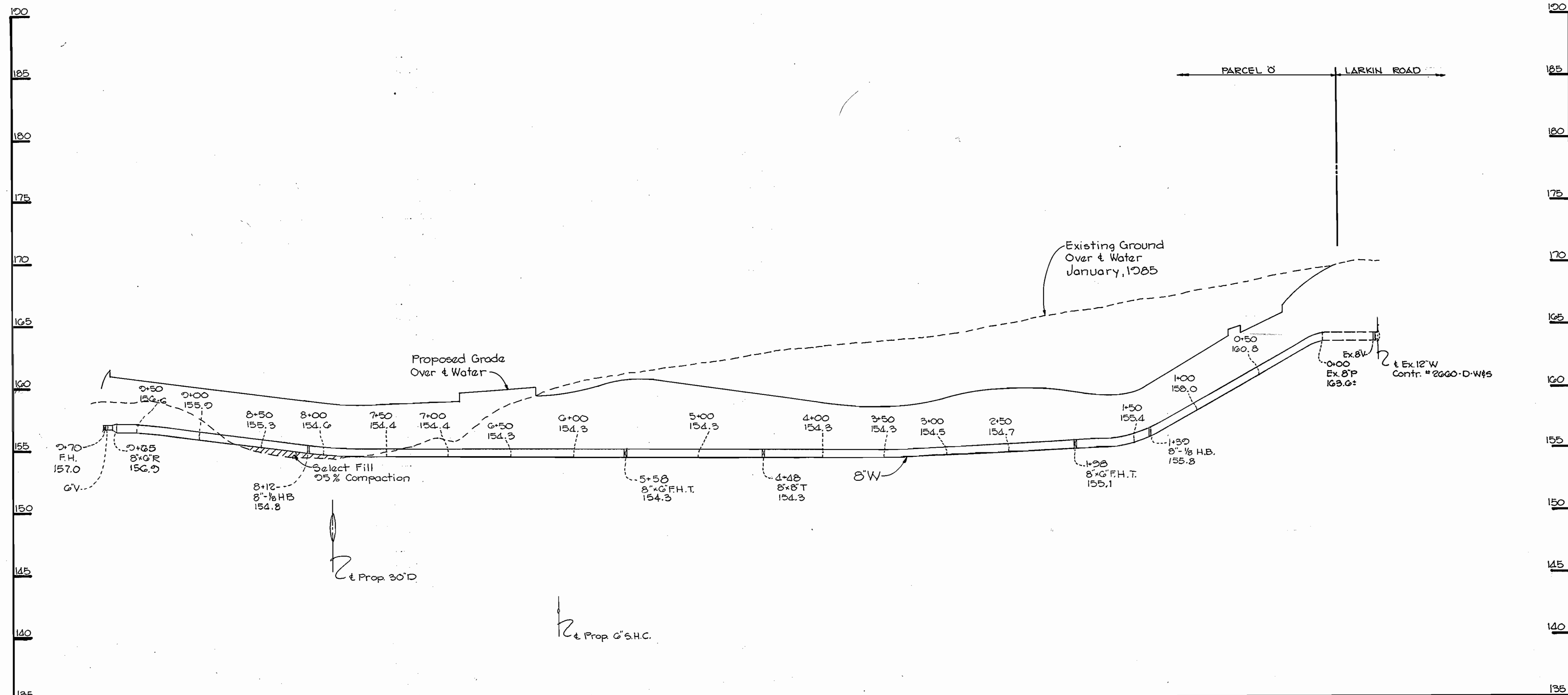
PLAN OF A WATER MAIN

600' SCALE MAP NO. 47 BLOCK NO.

CORRIDOR INDUSTRIAL PARK SECTION I PARCEL O ELECTION DISTRICT NO. 2 CONTRACT NO. 44-1362-D

SCALE AS SHOWN

SHEET 1 OF 2



PROFILE
 Scale: Horiz: 1" = 50'
 Vert: 1" = 5'

DEPARTMENT OF PUBLIC WORKS
 HOWARD COUNTY, MARYLAND

W. F. Murphy 6-11-85
 DIRECTOR OF PUBLIC WORKS DATE

Patrick C. Jennings II 6-10-85
 CHIEF, BUREAU OF UTILITIES DATE

Patrick C. Jennings II 6-10-85
 CHIEF, LAND DEVELOPMENT DIVISION DATE

THE RIEMER GROUP, INC.
 3105 HEALTH PARK DRIVE
 ELLICOTT CITY, MARYLAND 21043



| | | | | |
|---------------|----|-----|----------|------|
| DES: D.A.M. | | | | |
| DRN: D.A.M. | | | | |
| CHK: L.J.D. | | | | |
| DATE: 5-31-85 | BY | NO. | REVISION | DATE |

PROFILE OF A
 WATER MAIN

600' SCALE MAP NO. 47 BLOCK NO.

CORRIDOR INDUSTRIAL PARK
 SECTION I PARCEL 0
 ELECTION DISTRICT NO. 6
 CONTRACT NO. 44-1362-D

SCALE AS SHOWN
 SHEET 2 OF 2

MAY 31, 1985