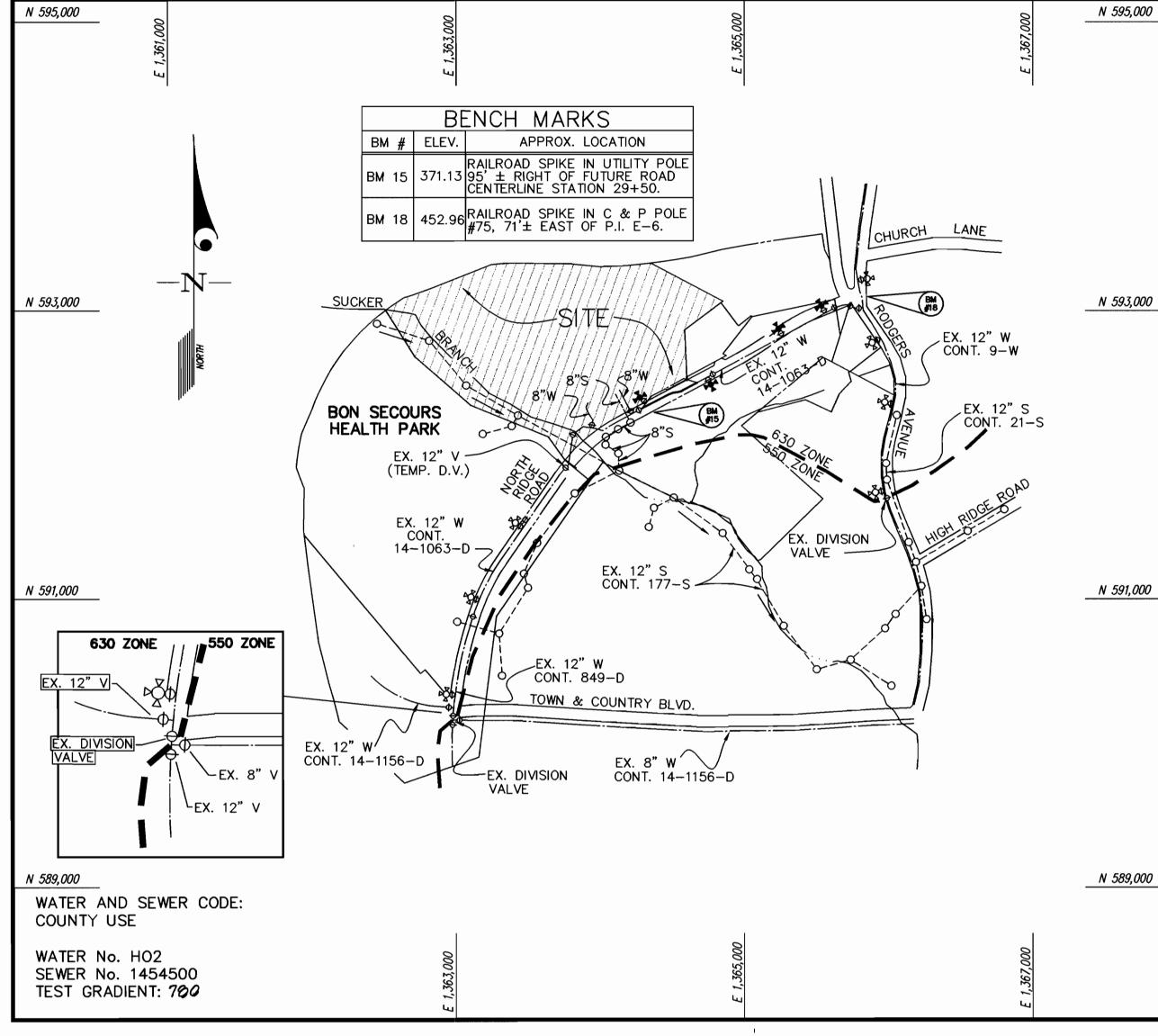
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- Shutdown may only be done at night.
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VICINITY MAP SCALE: 1"=600'

CONTRACT No. 14-3977-D THE ENCLAVE AT ELLICOTT HILLS NORTH RIDGE ROAD HOWARD COUNTY, MARYLAND

Sediment Control Measures will be implemented in accordance with Section 219 of the Specifications & with the FINAL PLANS F-01-196; drawings 6 thru 11 for Sediment & Erosion Control. REVIEWED FOR HOWARD SOIL CONSERVATION DISTRICT AND MEETS TECHNICAL REQUIREMENT

THIS DEVELOPMENT PLAN IS APPROVED FOR SOIL EROSION AND SEDIMENT CONTROL BY THE HOWARD

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

10-15-01

DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND

GLW GUTSCHICK LITTLE & WEBER, P.A. CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS 3909 NATIONAL DRIVE - SUITE 250 - BURTONSVILLE OFFICE PARK

BURTONSVILLE, MARYLAND 20866

TEL: 301-421-4024 BALT: 410-880-1820 DC/VA: 301-989-2524 FAX: 301-421-4186

DES:	WIR				
DEG.	***				
DRN:	BB				
CHK:	CKG			·	
DATE: 9/26/01		BY	NO	REVISION	DA

WATER and SEWER EXTENSION COVER SHEET

THE ENCLAVE AT ELLICOTT HILLS NORTH RIDGE ROAD

HOWARD COUNTY, MARYLAND ELECTION DISTRICT No.6

CONTRACT No. 14-3977-D

N/A TYPE OF BUILDING NUMBER OF UNITS NUMBER OF S.H.C.'s NUMBER OF W.H.C.'s PATAPSCO DRAINAGE AREA TREATMENT PLANT

GENERAL NOTES

1. 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 [North American Datum 1983 (NAD '83)].

All vertical controls are based on U.S.G.S. data.

All pipe elevations shown are invert elevations. Clear all utilities by a 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 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.

6. For details not shown on the drawings, and for materials and construction methods use Howard County Design Manual, Volume IV, Standard Specifications and Detail for Construction (Latest Edition). The contractor shall have a copy of Volume IV on the job.

7. 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.

8. Contractor shall notify the following utility companies or agencies at least (5) working days before starting work shown on these plans:

> State Highway Administration 531-5533 BGE Contractor Services 850-4620 BGE Under Ground Damage Control 787-9068 Miss Utility 1-800-257-7777 Colonial Pipeline Co. 795–1390 Howard County Department of Public Works Bureau of Utilities 313-4900

Trees and shrubs are to be protected from damage to maximum extent. Trees and shrubs located within the construction strip are not be

removed or damaged by the contractor.

10. Contractor shall remove trees, stumps and roots along line of excavation. Payment for such removal shall be included in the unit price bid for construction of the main.

11. The contractor shall notify the Bureau of Highways, Howard County, at (410) 313-2450 at least five (5) working days before any open cut of any County road or boring/jacking operation on County roads for laying water/sewer mains or house connections. The approval of these drawings will constitute compliance with DPW requirement per Section 18.114(a) of the Howard County Code.

PART II - WATER

All water mains to be D.I.P. Class 52 unless otherwise noted. Tops of all water mains to have a minimum of 3-1/2 cover unless

Valves adjacent to tees shall be strapped to tees.

4. All fittings shall be buttressed or anchored with concrete in accordance with the Standard Details unless otherwise provided for on the drawings.

5. Fire hydrants shall be set to the bury line elevations shown on the drawings. All fire hydrants shall be restrained and buttressed with concrete in accordance with the Standard Details. Soil around the fire hydrant shall be compacted in accordance with Section 1000 and 1005 of the Standard Specifications.

The contractor shall not operate any water main valves on the existing

All water house connections shall be for inside meter setting unless otherwise noted on plans or in specifications.

For sprinkler system for all townhomes or multi-family dwelling units should have a minimum of 1' connection with a 3/4" meter.

PART III - SEWER

water system.

All sewer mains shall be DIP and P.V.C. unless otherwise noted. All manholes shall be 4' - 0'' inside diameter unless otherwise noted.

Force mains shall be D.I.P. only.

Manholes shown with 12" and 16" walls are for brick manholes only. Manholes designated W.T. in plan and profile shall have watertight frame and covers, Standard Detail G5.52. Where watertight frame and cover is used, set top of frame 1'-6" above finished grade unless otherwise noted

Valve stem extensions shall be provided for all valves (existing and

proposed) where final depth to operating nut exceeds 3'-6" (see W 3.65).

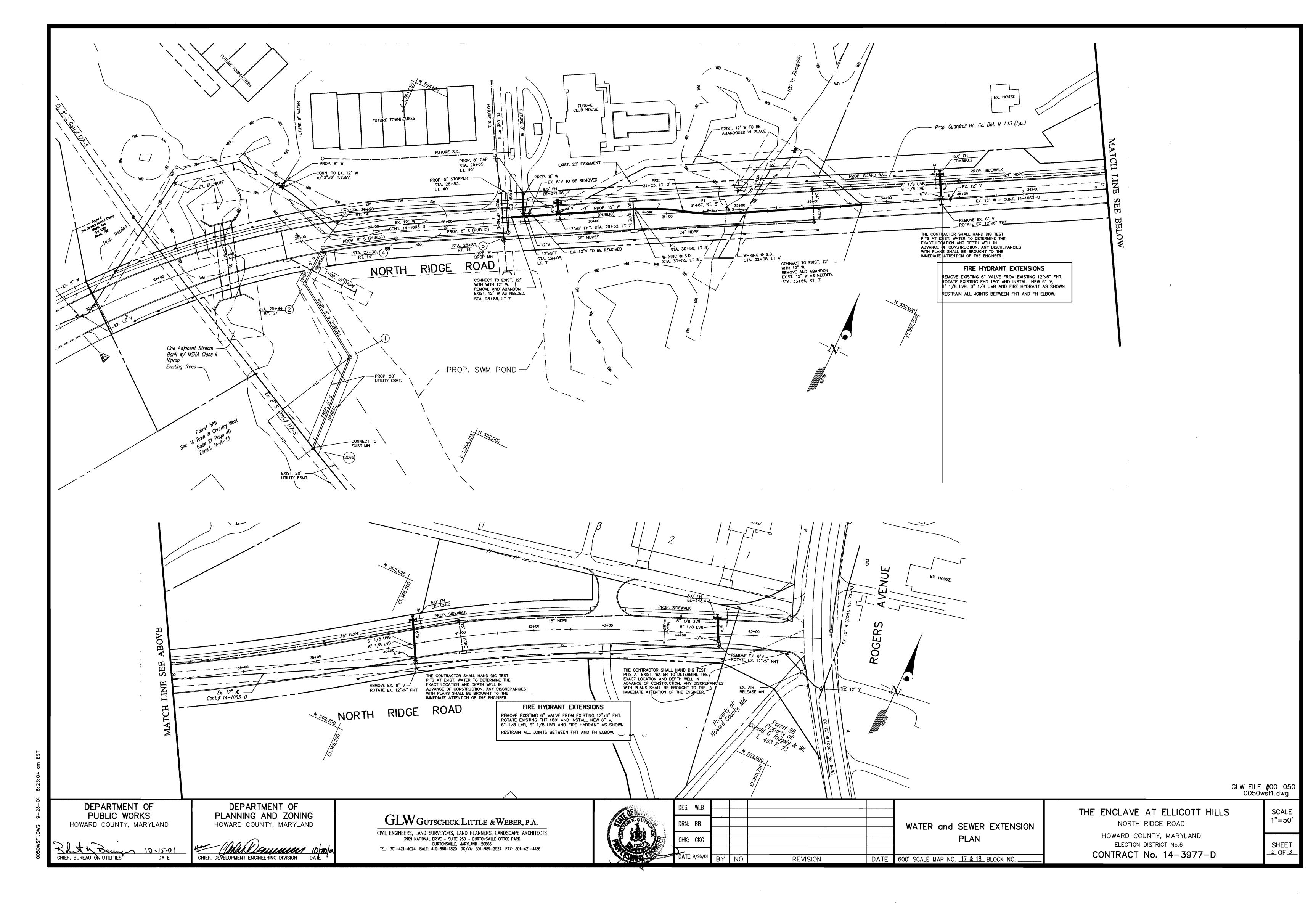
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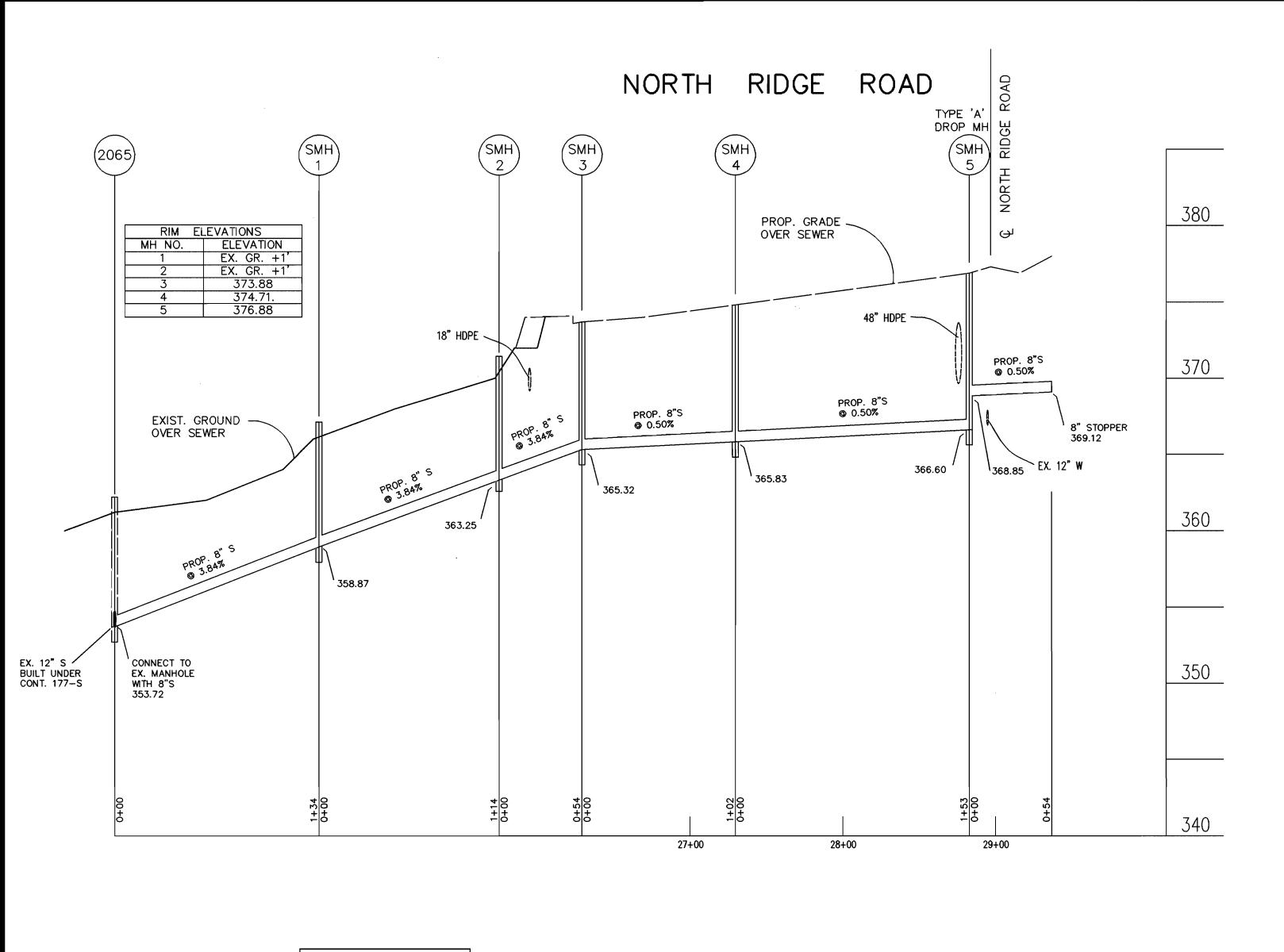
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SCALE AS SHOWN

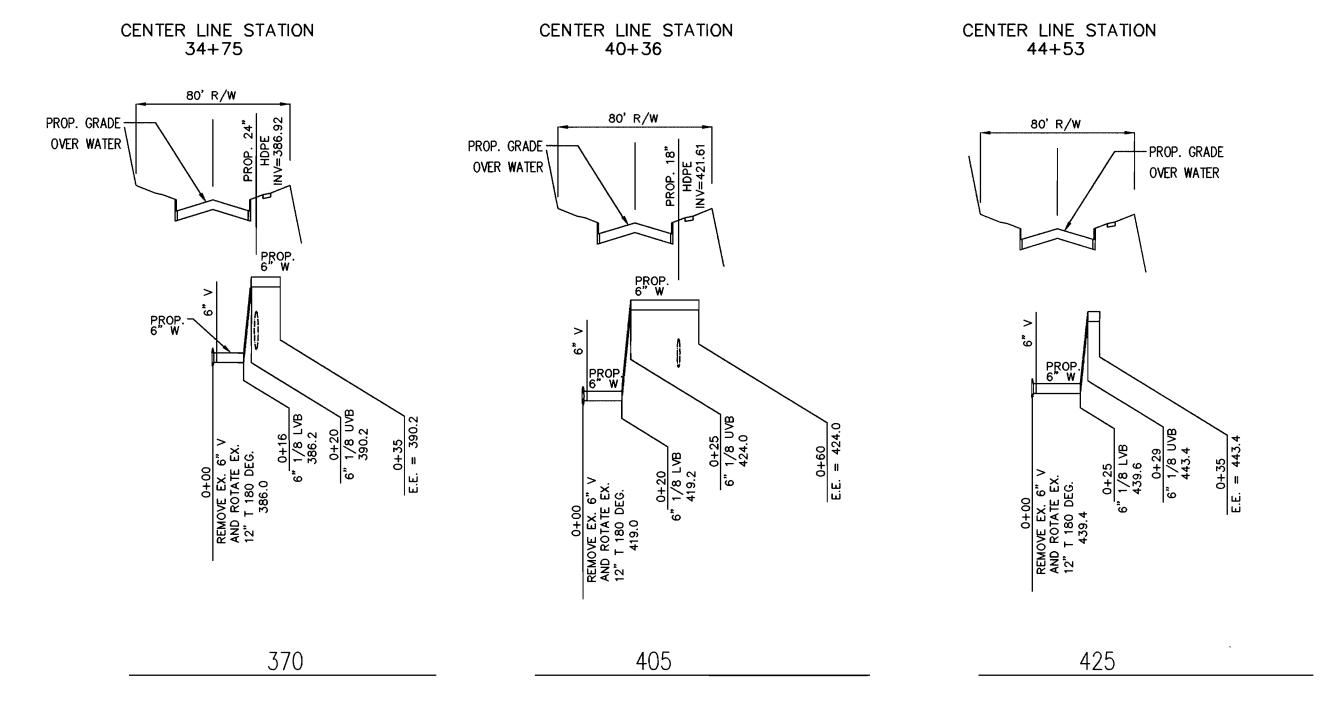
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ATE 600' SCALE MAP NO. <u>17 & 18</u>



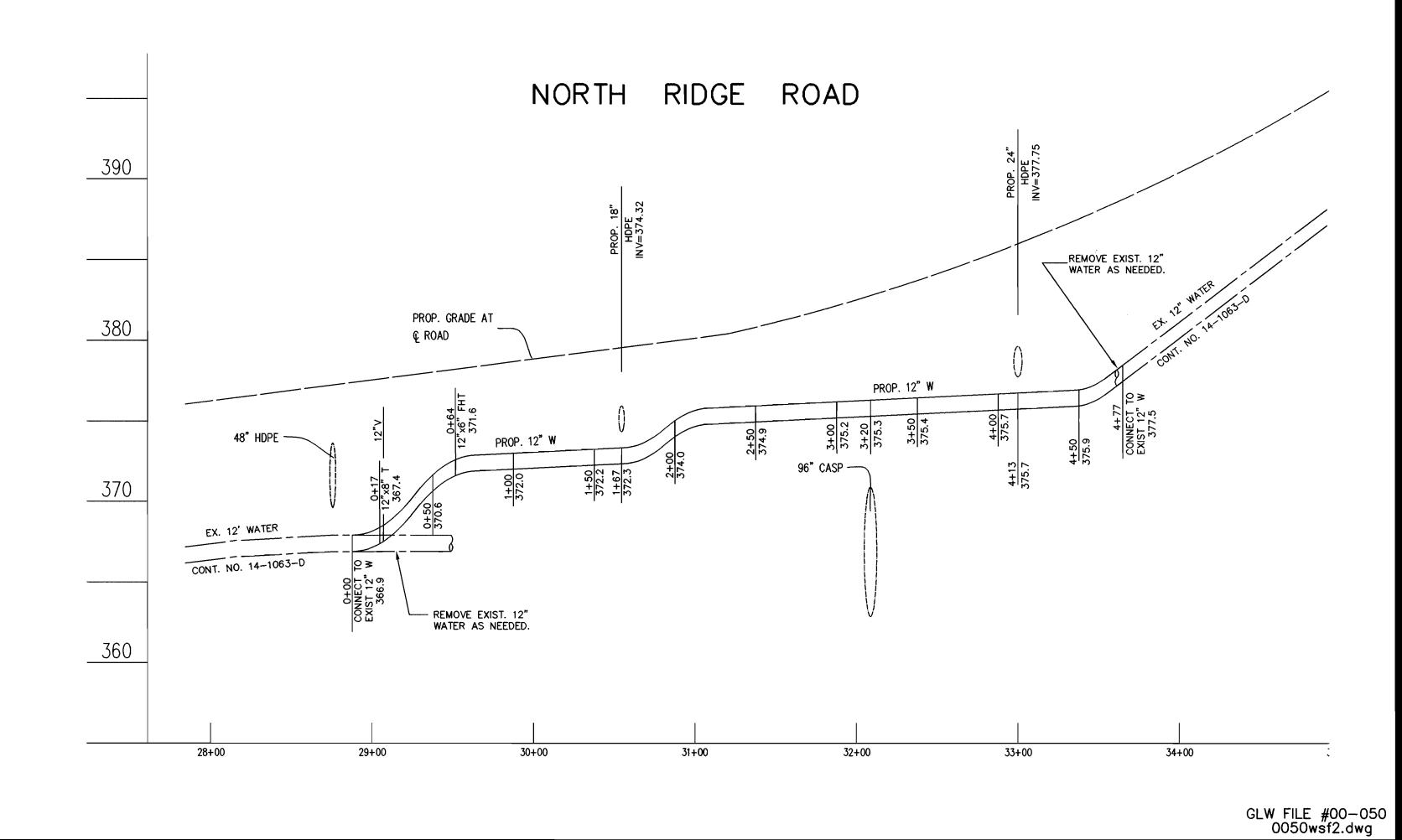


FIRE HYDRANT EXTENSIONS



FIRE HYDRANT EXTENSIONS

REMOVE EXISTING 6" VALVE FROM EXISTING 12"x6" FHT.
ROTATE EXISTING FHT 180° AND INSTALL NEW 6" V,
6" 1/8 LVB, 6" 1/8 UVB AND FIRE HYDRANT AS SHOWN.
RESTRAIN ALL JOINTS BETWEEN FHT AND FH ELBOW.



PROFILE SCALE
HORIZ: 1"=50'
VERT. 1"=5'

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND

HOWARD COUNTY

10-15-01

DATE

HOWARD COUNTY

CHIEF, DEVELOPMENT ENGINEER

DEPARTMENT OF
PLANNING AND ZONING
HOWARD COUNTY, MARYLAND

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GLW GUTSCHICKLITTLE & WEBER, P.A.

CIVIL ENGINEERS, LAND SURVEYORS, LAND PLANNERS, LANDSCAPE ARCHITECTS
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E: 9/26/01	BY	NO	REVISION	DATE	600' SCALE MAP NO BLOCK NO	

THE ENCLAVE AT ELLICOTT HILLS

NORTH RIDGE ROAD

HOWARD COUNTY, MARYLAND
ELECTION DISTRICT No.6

CONTRACT No. 14-3977-D

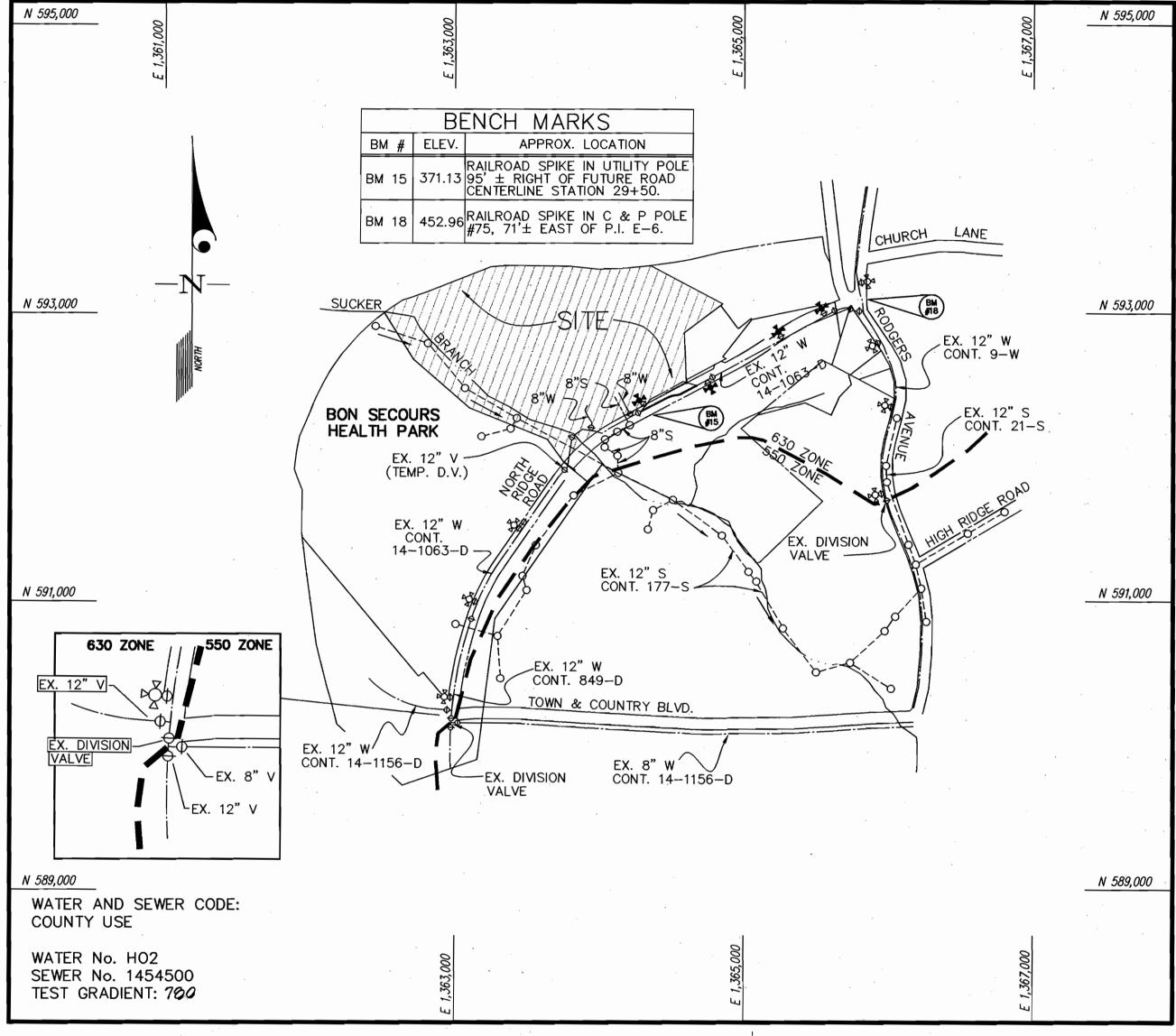
SCALE
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EROSION AND SEDIMENT CONTROL BY THE HOWARD

DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

10-15-01

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CHIEF, BUREAU OF UTILITIES!

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	DATE: 9/26/01	BY	NO	REVISION	DATE	600' SCALE MAP NO. <u>17 & 18</u>

WATER and SEWER EXTENSION COVER SHEET

THE ENCLAVE AT ELLICOTT HILLS NORTH RIDGE ROAD

HOWARD COUNTY, MARYLAND

ELECTION DISTRICT No.6

N/A TYPE OF BUILDING N·/A NUMBER OF UNITS N/A NUMBER OF S.H.C.'s NUMBER OF W.H.C.'s PATAPSCO DRAINAGE AREA TREATMENT PLANT

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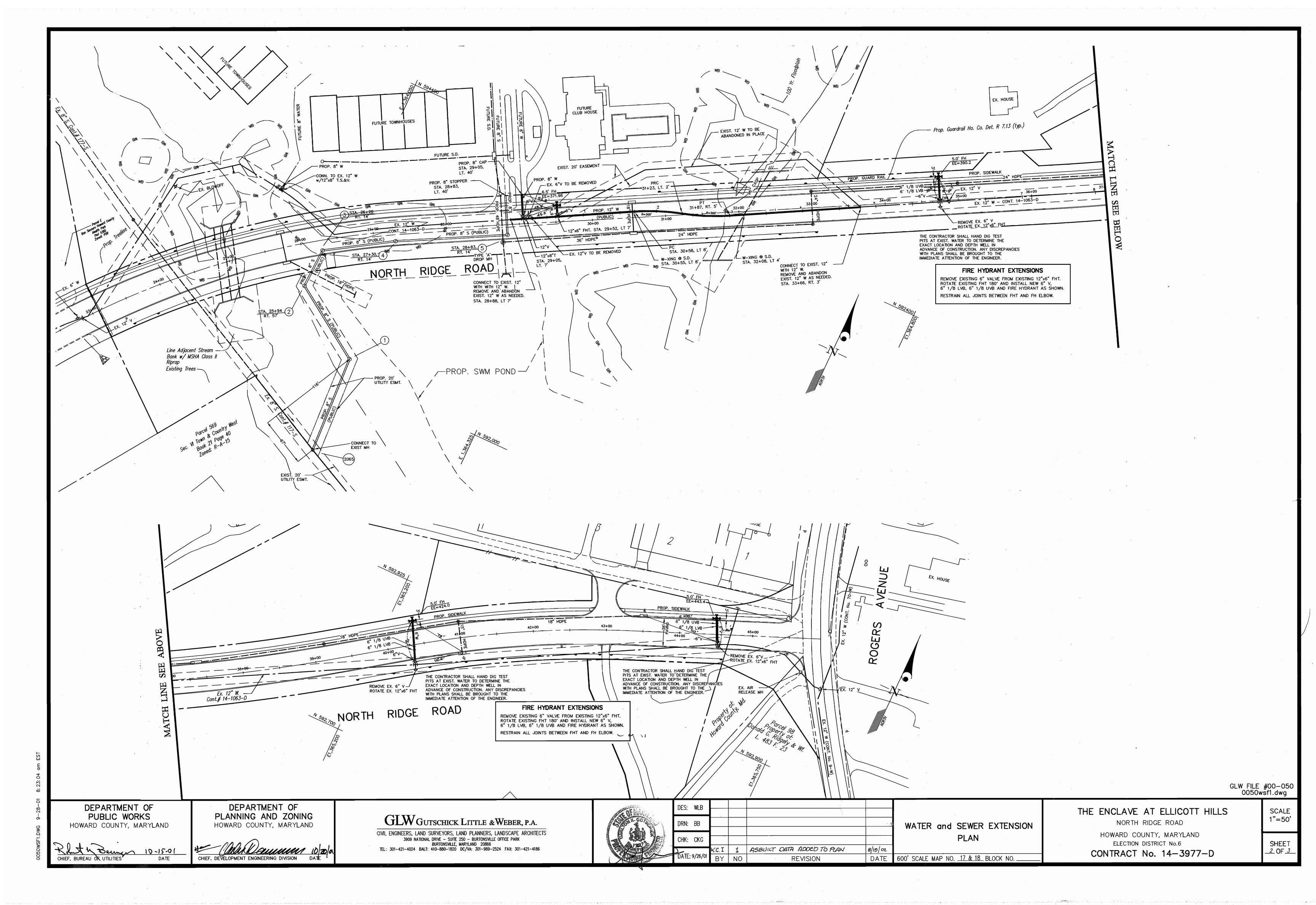
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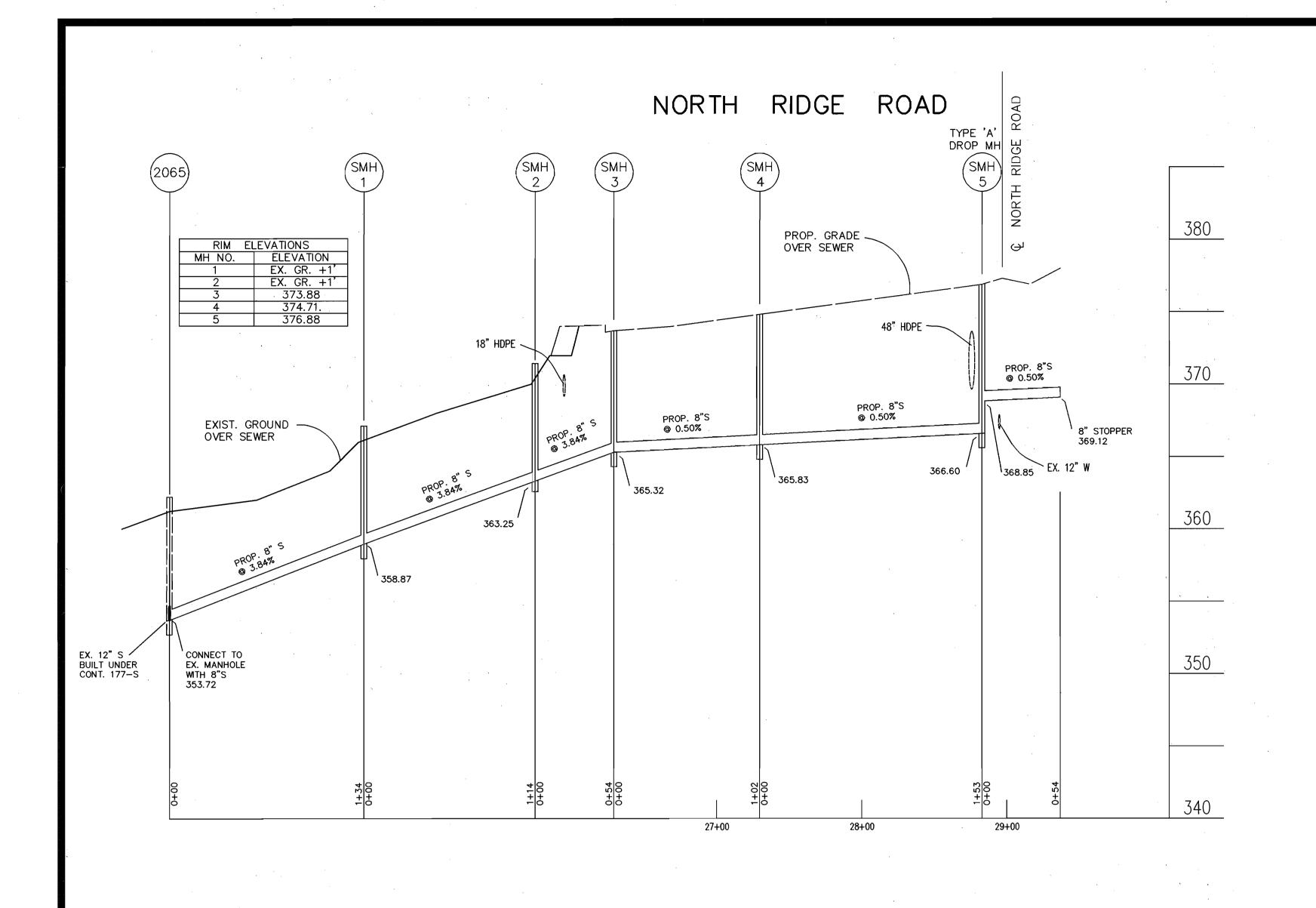
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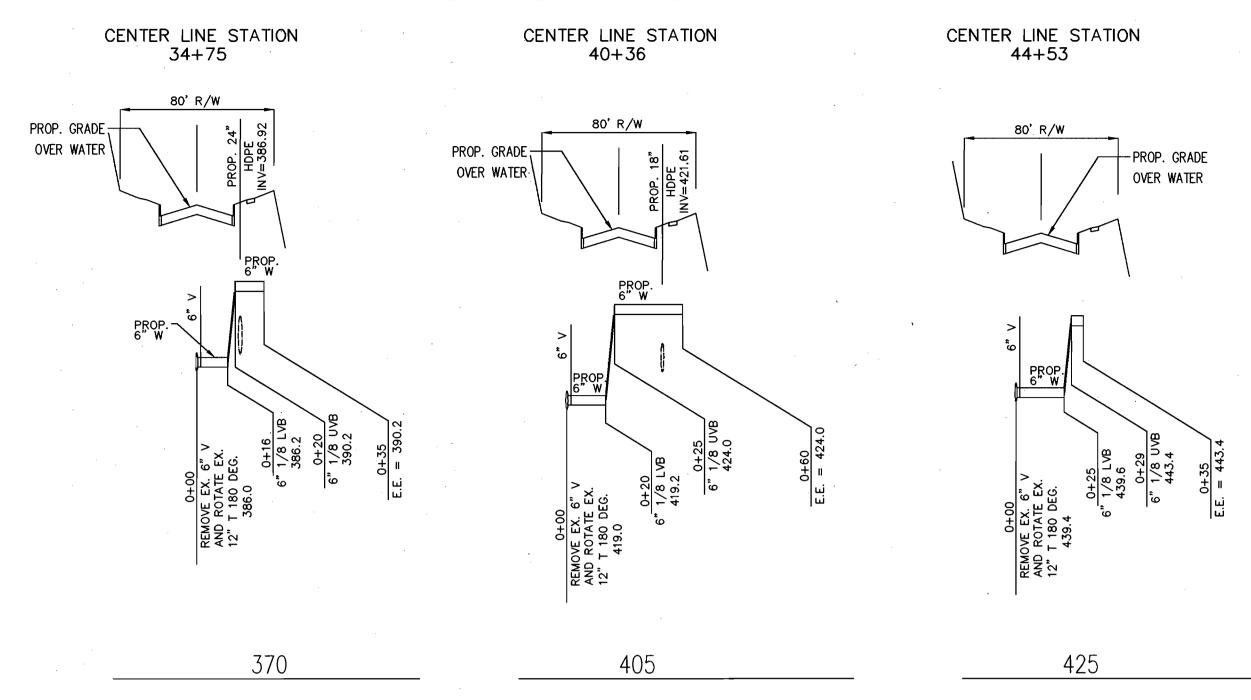
CONTRACT No. 14-3977-D





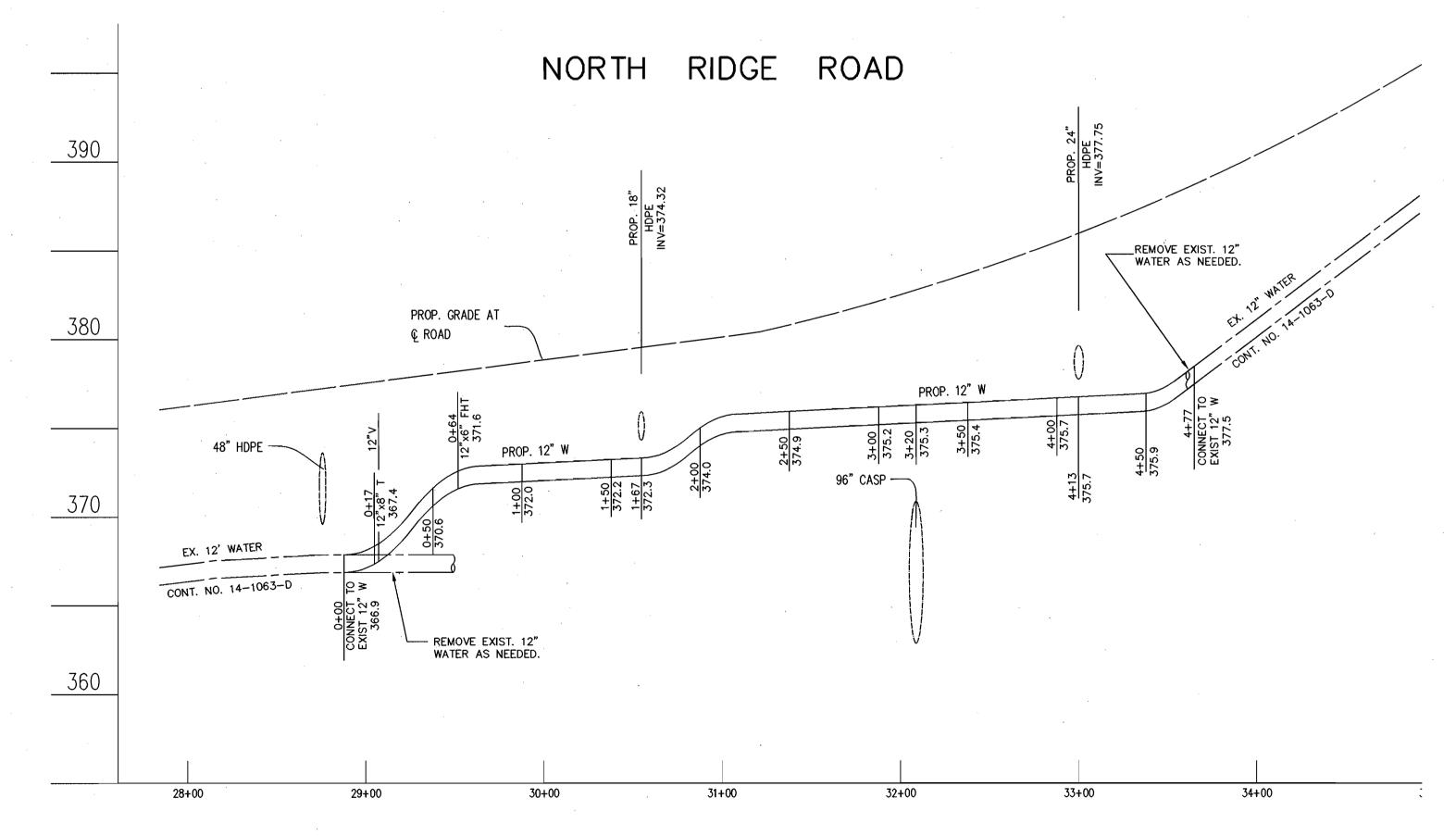
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DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND

DEPARTMENT OF PLANNING AND ZONING HOWARD COUNTY, MARYLAND

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	DATE: 9/26/01	BY	NO	REVISION	DATE	600' SCALE MAP NO BLOCK NO	

THE ENCLAVE AT ELLICOTT HILLS NORTH RIDGE ROAD HOWARD COUNTY, MARYLAND ELECTION DISTRICT No.6

SCALE AS SHOWN CONTRACT No. 14-3977-D

SHEET __3_OF__3_