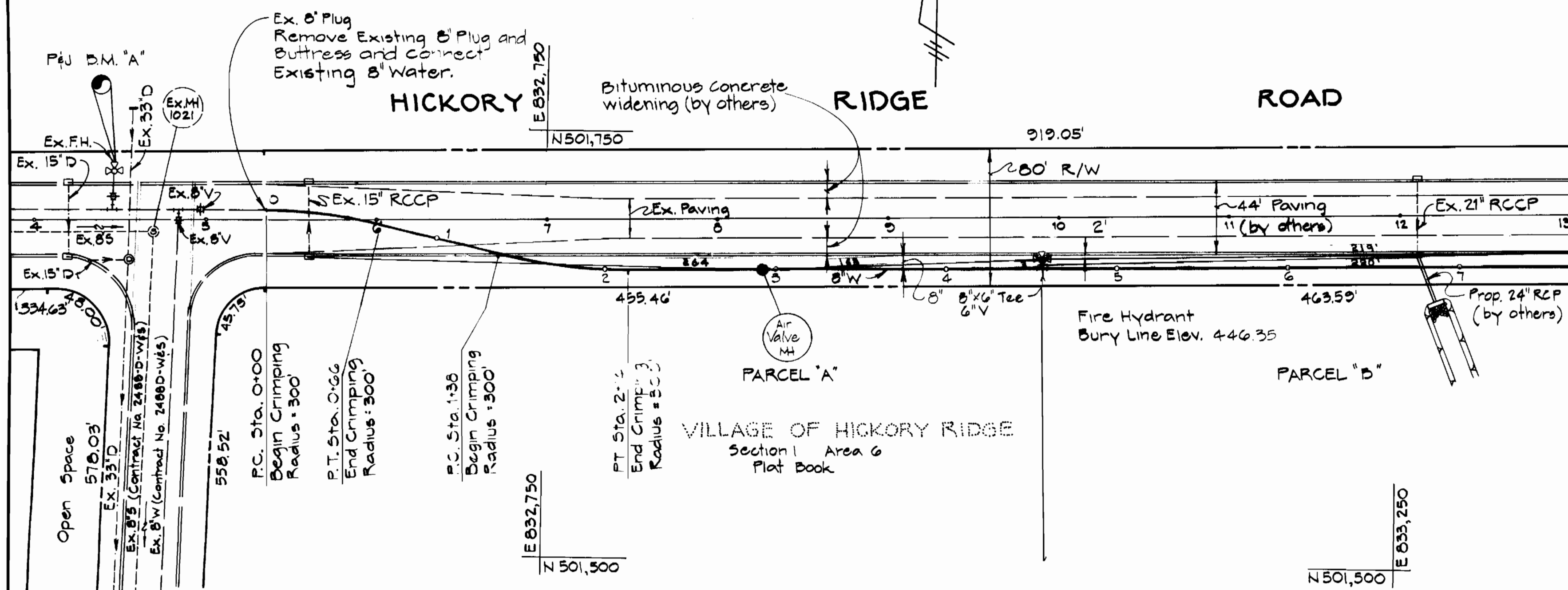
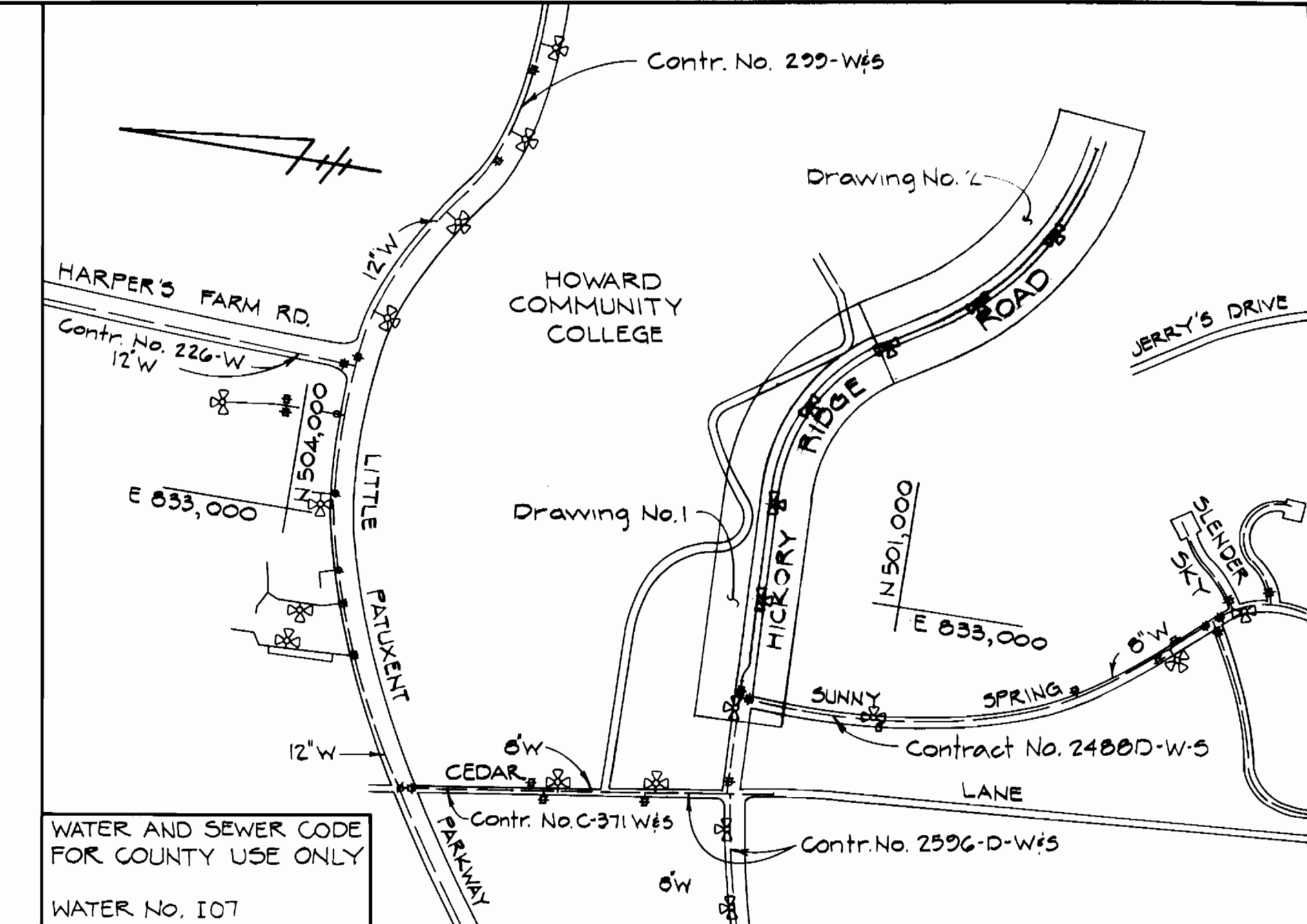


Property of  
THE HOWARD RESEARCH & DEVELOPMENT CORPORATION  
516/752



Match Line 'XX' See this Drawing



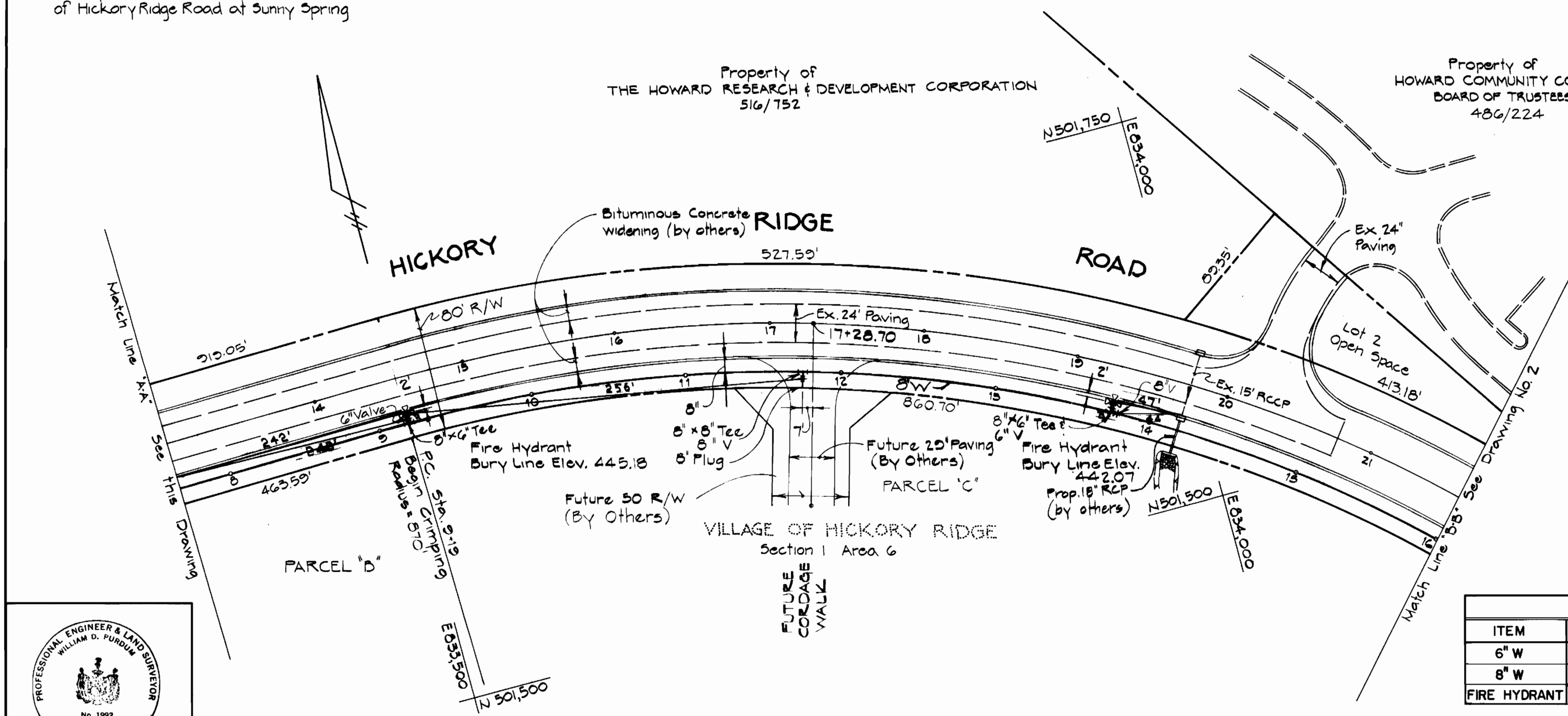
**VICINITY MAP**  
Scale 1" = 600'  
GENERAL NOTES

- The approximate locations of existing utilities are shown. The Contractor shall take all necessary precautions to protect the existing utilities and to maintain uninterrupted service. Any damage incurred due to the Contractor's operation shall be repaired immediately at the Contractor's expense.
- All horizontal controls are based on Maryland State Coordinates.
- All vertical controls are based on U.S.G.S. Datum.
- All pipe elevations shown are invert elevations.
- All utilities shall be cleared by a minimum of 6". All utility poles shall be cleared by a minimum of 2'-0" or tunneled if required. Cost for tunneling or bracing poles shall be included in the unit prices bid for excavation and backfill for water mains.
- For all standard details see the standards bound in the specifications.
- The Contractor shall locate existing utilities in advance of construction operations in the vicinity of proposed utilities.
- The Contractor shall notify the following utilities or agencies at least five (5) days before starting work shown on these drawings:  
Baltimore Gas and Electric Company - Underground Electric Distribution Engineering - "Damage Control" - 234-5881  
Baltimore Gas and Electric Company - Underground Gas Distribution Engineering - 559-0100  
Chesapeake and Potomac Telephone Company - 725-8976
- All water mains shall be C.I.P., D.I.P. or A.C.P. unless otherwise noted.
- The top of all water mains shall have a minimum of 3'-6" cover unless otherwise noted.
- All valves shall be strapped to the tees in accordance with the standard details.
- All water main fittings shall be buttressed or anchored with concrete in accordance with the standard details.
- All fire hydrants shall be strapped to the tees and shall be buttressed with concrete in accordance with the standard details. The cost of strapping fire hydrants and valves shall be included in the unit price bid for furnishing and installing fire hydrants. The soil around fire hydrants shall be compacted in accordance with Section 5-15 of the Standard Specifications. Fire hydrant bury line elevations shall be set to the elevations shown on the drawings.

**BENCH MARKS**  
P&J BM "A" Elev. 449.22  
Fire Hydrant Bonnet Bolt on North side of Hickory Ridge Road at Sunny Spring

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516/752

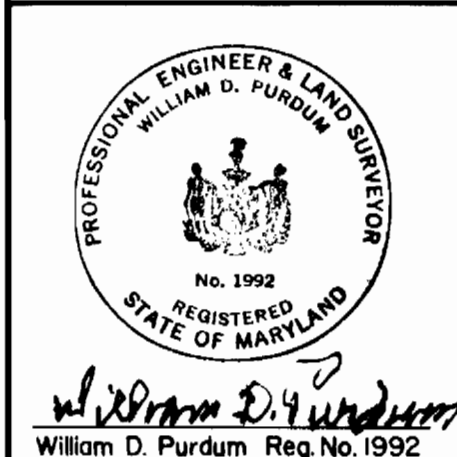
Property of  
HOWARD COMMUNITY COLLEGE  
BOARD OF TRUSTEES  
486/224



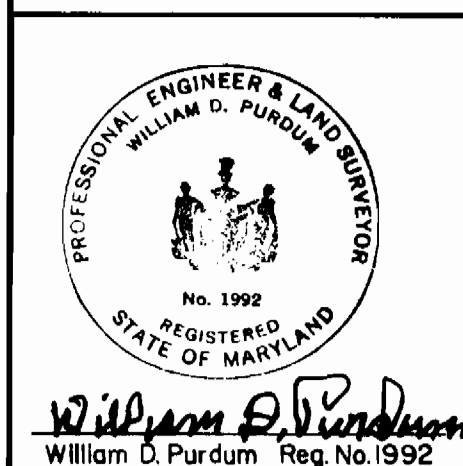
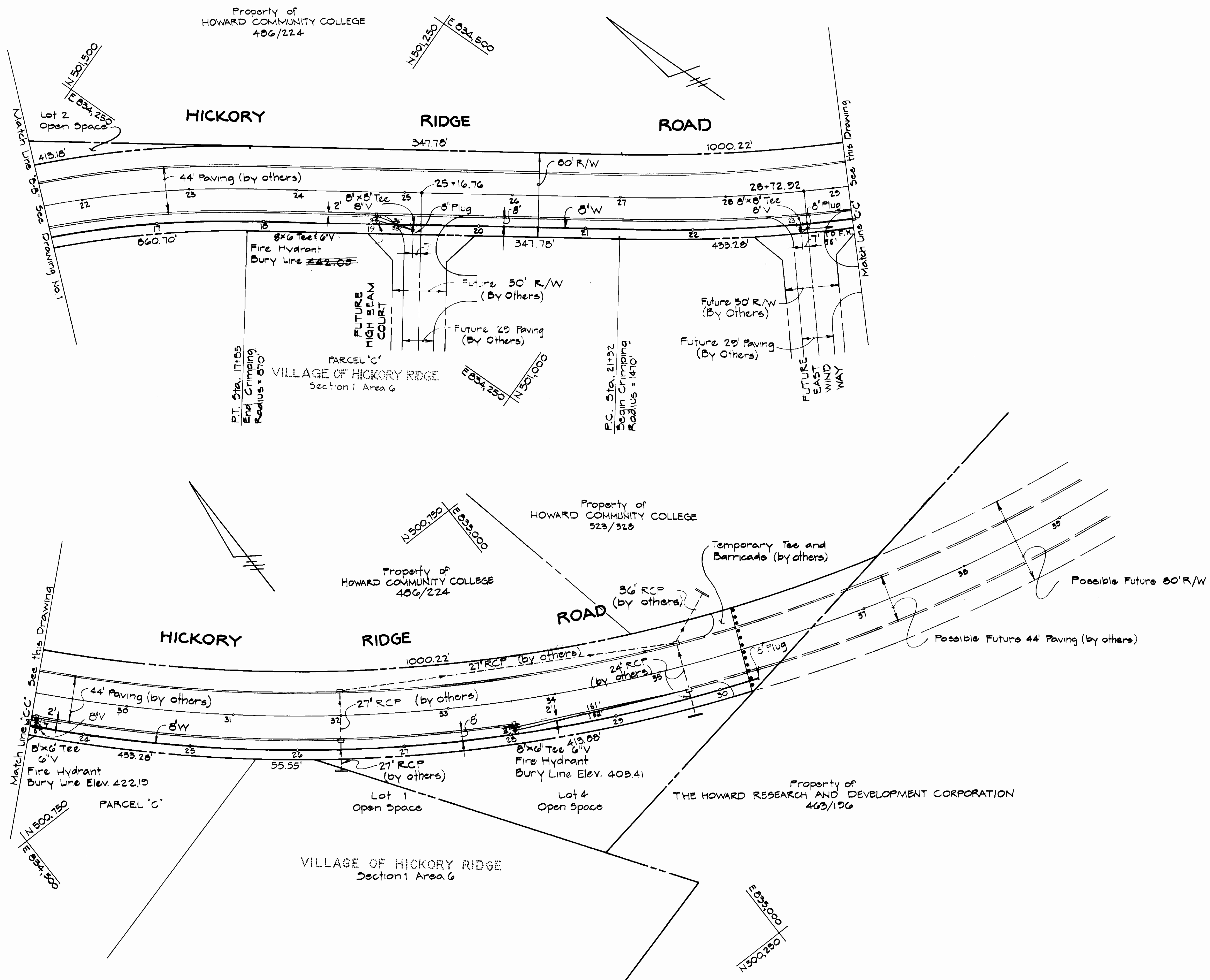
Match Line 'BB' See Drawing No. 2

QUANTITIES			
ITEM	ESTIMATED	"AS-BUILT"	SUPPLIER
6" W	30 LF	30 LF	ATLANTIC STATES
8" W	3070 LF	3071 LF	ATLANTIC STATES
FIRE HYDRANT	6 EA.	6 EA.	AMERICAN CASTING

CONTRACT NO. 824-D-W  
VILLAGE OF HICKORY RIDGE  
SECTION I AREA 6  
WATER MAIN EXTENSION



<b>PURDUM &amp; JESCHKE</b> ENGINEERS 1023 N. CALVERT ST. BALTIMORE, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND Director: <i>William F. Williams</i> 2/27/79 Chief: <i>William D. Purdum</i> 2-27-79	CONTRACT NO. 824-D-W	PLAN FOR WATER MAIN	VILLAGE OF HICKORY RIDGE SECTION I AREA 6 ELECTION DISTRICT NO. 5 HOWARD COUNTY, MARYLAND	DRAWING NO. 1	SCALE 1" = 50'	Designed: PWR
					OF 3		Drafted: PWR Checked: REP



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

**DEPARTMENT OF PUBLIC WORKS**  
 HOWARD COUNTY, MARYLAND  
 Director: *William F. Newmyer* 2-27-79  
 Chief: *W.D. J. [Signature]* 2-27-79

CONTRACT NO. 824-D-W

**PLAN FOR WATER MAIN**

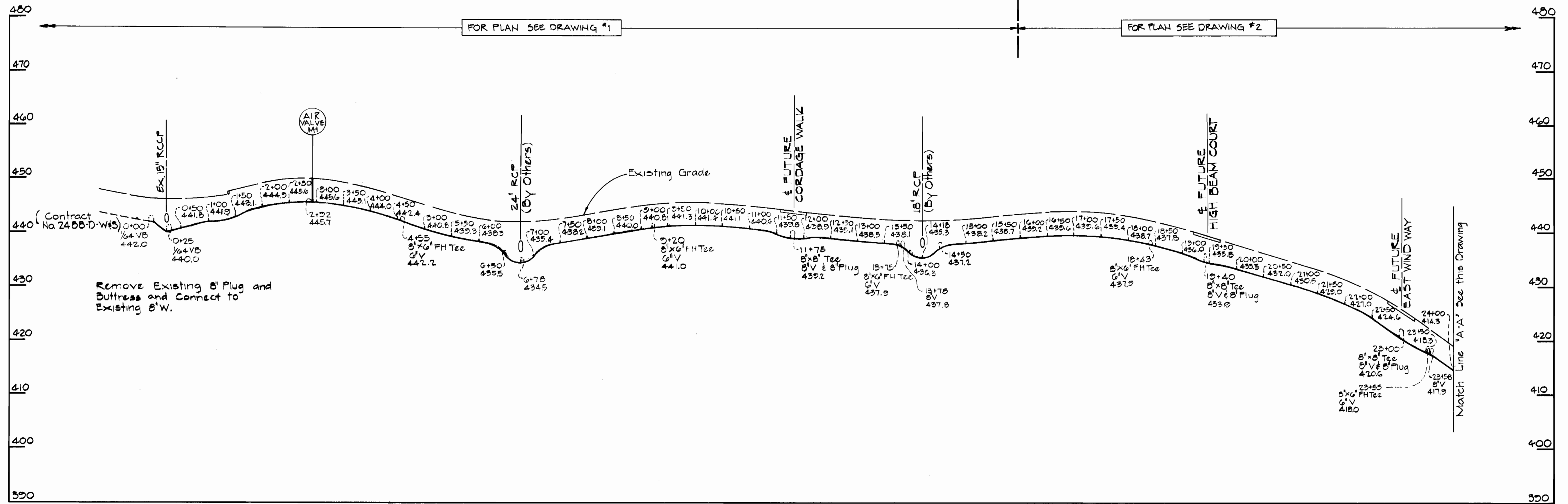
**VILLAGE OF HICKORY RIDGE**  
 SECTION I AREA 6  
 ELECTION DISTRICT NO. 5  
 HOWARD COUNTY, MARYLAND

DESIGNED: PWR	SCALE
DRAFTED: PWR	NO. 2
CHECKED: REP	OF 3
	1" = 50'

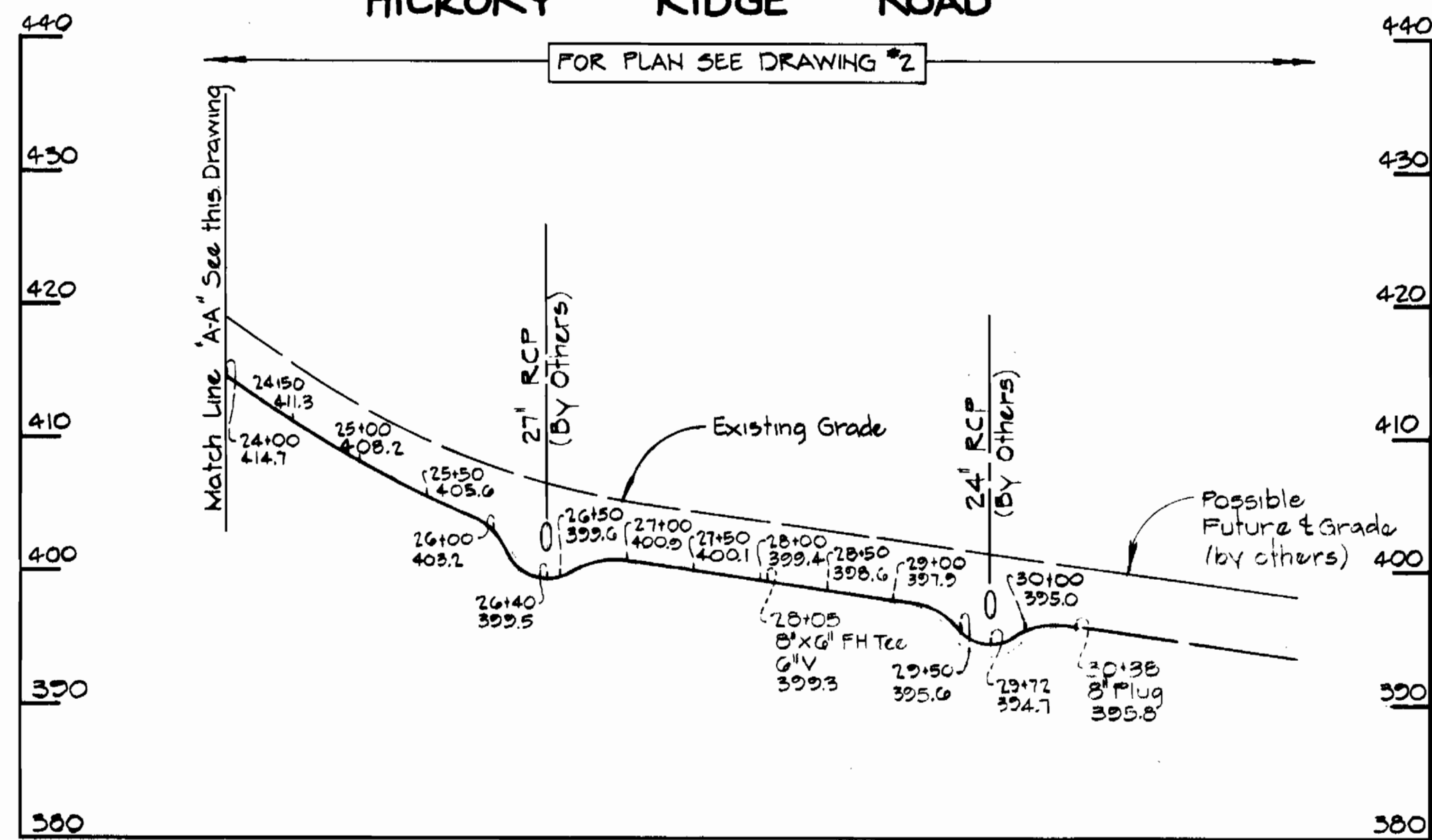
HICKORY

RIDGE

ROAD



HICKORY RIDGE ROAD



STATE OF MARYLAND  
 CHARLES HENRY LEE  
 PROFESSIONAL ENGINEER  
 No. 4208  
 EXPIRES 12/31/79

*Charles H. Lee*

CONTRACT NO. 824-D-W  
 VILLAGE OF HICKORY RIDGE  
 SECTION I AREA 6  
 WATER MAIN EXTENSIONS

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

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 Director of Public Works: *[Signature]* DATE: 2-27-79  
 Chief-Bureau of Engineering: *[Signature]* DATE: 2-27-79

CONTRACT NO. 824-D-W

PROFILES FOR  
 WATER MAIN

VILLAGE OF HICKORY RIDGE  
 SECTION I AREA 6  
 ELECTION DISTRICT NO. 5  
 HOWARD COUNTY, MARYLAND

DRAWING NO. 3 OF 3	SCALE: HORIZ. 1"=100' VERT. 1"=10'	Designed P.W.R. Drafted P.W.R. Checked REF
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