

VICINITY MAP  
SCALE: 1" = 2000'

**GENERAL NOTES**

1. ALL PIPE ELEVATIONS SHOWN ARE INVERT ELEVATIONS.
2. FOR ALL STANDARD DETAILS SEE STANDARDS BOUND IN SPECIFICATIONS.
3. ALL WATER MAINS SHALL HAVE A MINIMUM OF 3/2' COVER.
4. BLOCK ALL FITTINGS WITH CONCRETE, SEE STANDARDS BOUND IN SPECIFICATIONS.
5. BURY LINE ELEVATIONS ON FIRE HYDRANTS SHALL BE SET TO THE ELEVATIONS SHOWN ON THE DRAWINGS.
6. COST OF STRAPPING FIRE HYDRANTS AND VALVES TO BE INCLUDED IN THE UNIT PRICE BID FOR FURNISHING AND INSTALLING FIRE HYDRANTS.
7. ALL FIRE HYDRANTS SHALL BE STRAPPED TO THE TEE AND SHALL BE BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS.
8. ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER.
9. THE CONTRACTOR SHALL PROVIDE A JOINT IN PIPE WITHIN 2'-0" OF EXTERIOR MANHOLE WALLS.
10. APPROXIMATE LOCATION OF EXISTING UTILITIES ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING UTILITIES. ANY DAMAGE INCURRED DUE TO CONTRACTOR'S OPERATIONS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S EXPENSE.
11. THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS IN VICINITY OF UTILITIES.
12. CLEAR ALL UTILITIES BY A MINIMUM OF 6".
13. ALL ELEVATIONS ARE BASED ON HOWARD COUNTY DATUM, ALL HORIZONTAL CONTROLS ARE BASED ON AN ASSUMED SYSTEM.

QUANTITIES	
ITEM	QUANTITY
8" Water	2370 L.F.
6" Water	370 L.F.
4" Water	100 L.F.
8" Sewer	1970 L.F.
F.H.	4

Match Line "A A" See Drawing No. 2

FOR PROFILES SEE DRAWING NO. 3

**PURDUM & JESCHKE**  
ENGINEERS  
3837 PARK AVENUE  
ELLICOTT CITY, MARYLAND

**DEPARTMENT OF PUBLIC WORKS**  
HOWARD COUNTY, MARYLAND  
DATE: 7-2-71  
W. O. Fellers  
CHIEF - BUREAU OF WATER AND SEWER

CONTRACT NO. 433-D-WBS

PLAN OF WATER AND SEWER MAINS

GREAT OAKS  
ELECTION DISTRICT, ELLICOTT CITY NO. 2

DRAWING NO. 1 OF 3  
SCALE 1" = 50'

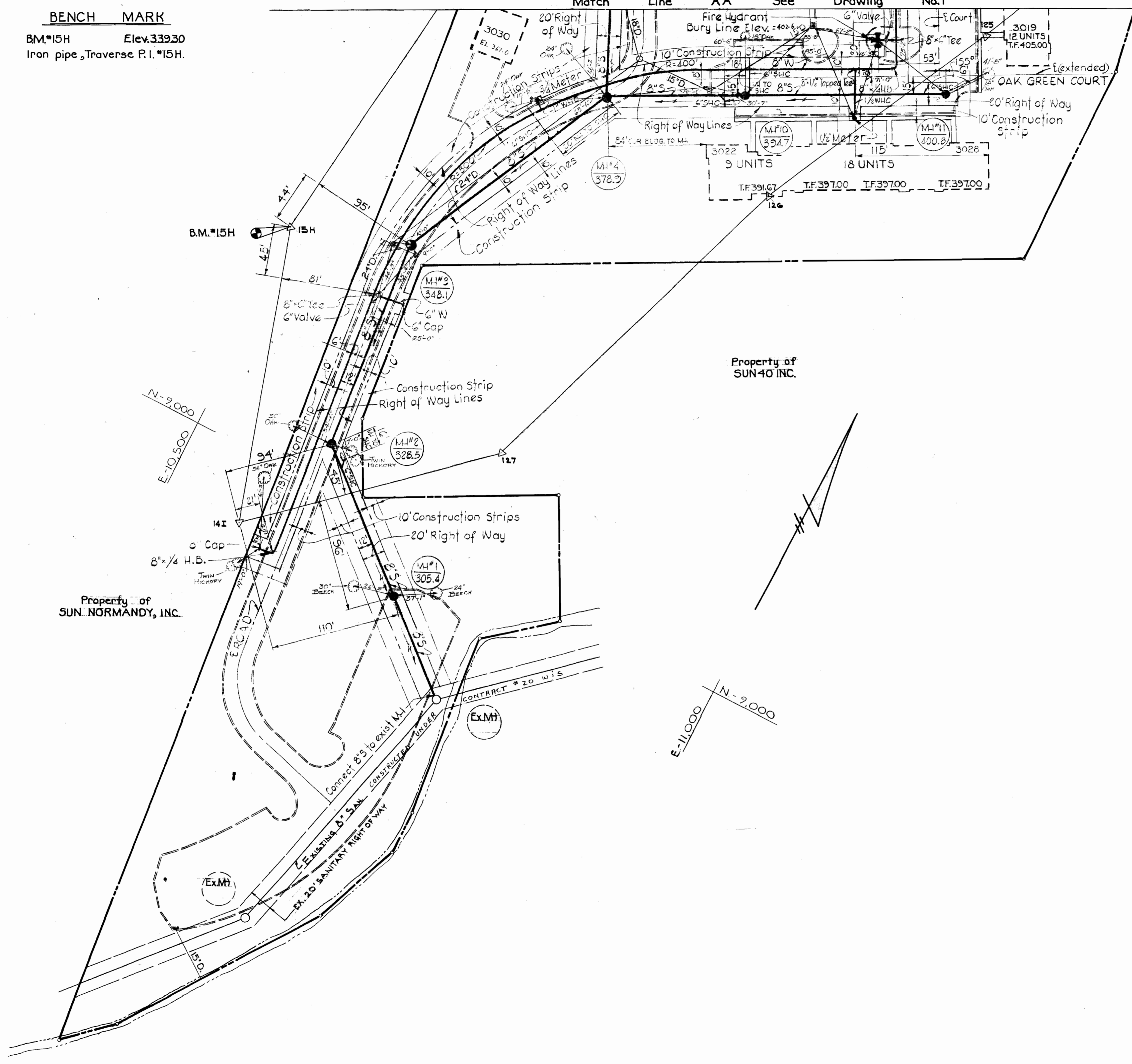


WS 433 W&S/1

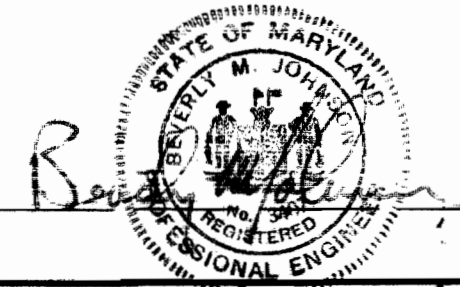
**BENCH MARK**  
BM.#15H Elev.339.30  
Iron pipe, Traverse P.I.#15H.

Match Line "AA" See Drawing No.1

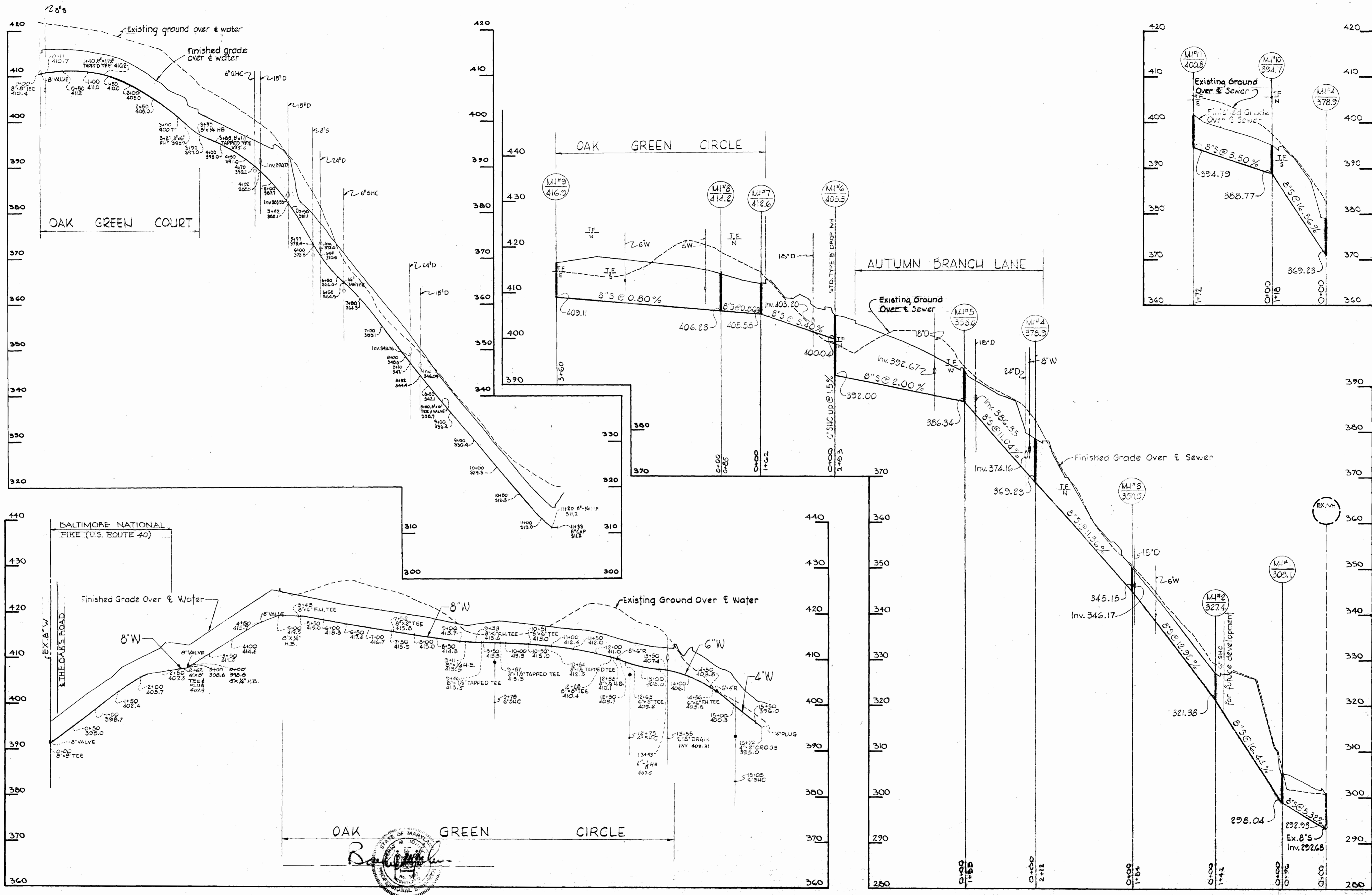
FOR PROFILES SEE DRAWING NO.3



WS 433 W&S/2



PURDUM & JESCHKE ENGINEERS 3697 PARK AVENUE ELLICOTT CITY, MARYLAND	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND 7-2-71 DATE <i>W.O. Gilbert</i> CHIEF - BUREAU OF WATER AND SEWER	CONTRACT NO. 433-D-W&S	PLAN OF WATER AND SEWER MAINS	GREAT OAKS ELECTION DISTRICT ELLICOTT CITY NO.2	DRAWING NO. 2 OF 3 SCALE 1" = 50'
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WS 433 -W&S/3

PURDUM & JESCHKE  
ENGINEERS  
3697 PARK AVENUE  
ELLCOTT CITY, MARYLAND

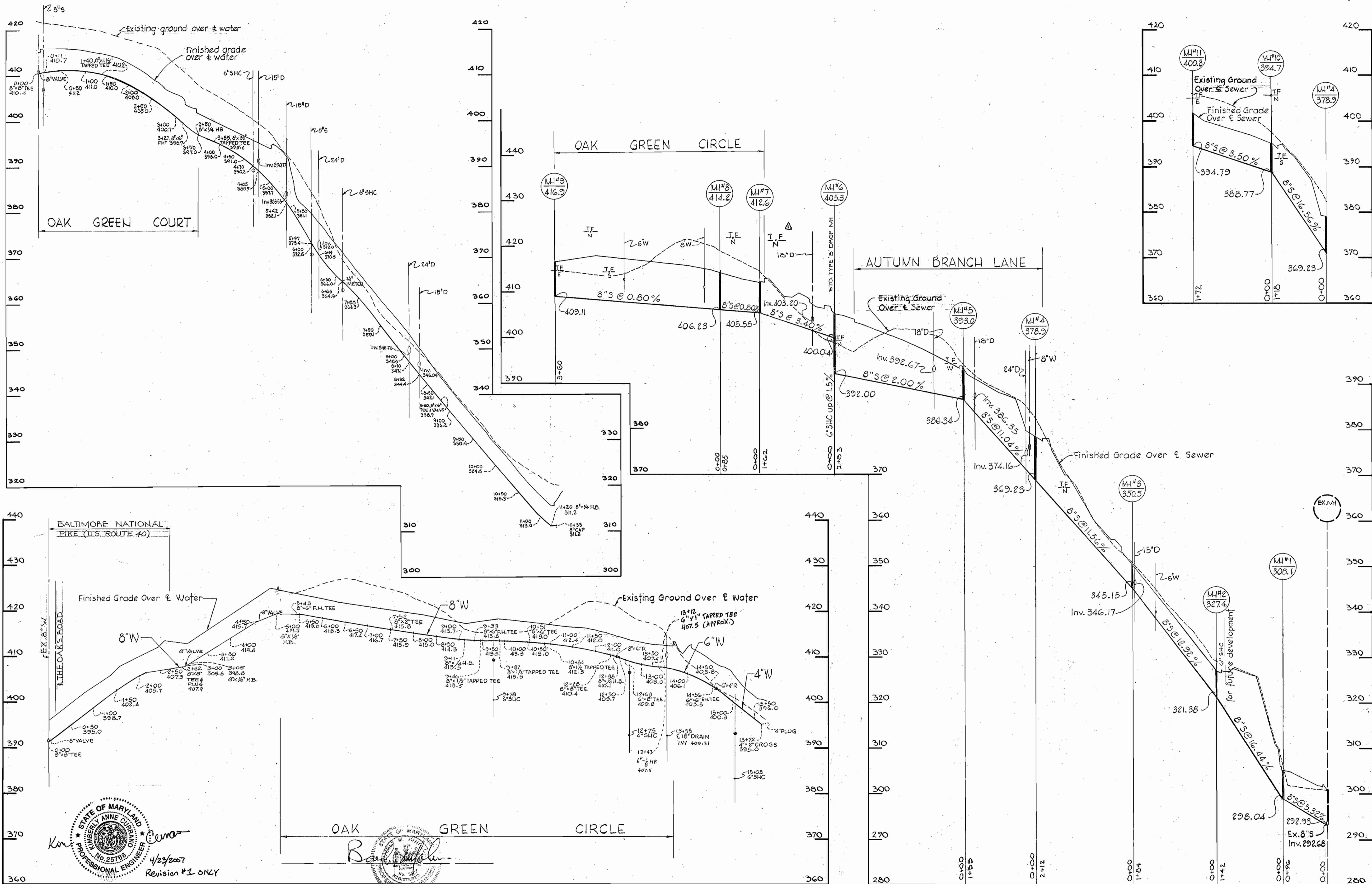
DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND  
DATE 7-2-71  
W. O. P. [Signature]  
CHIEF - BUREAU OF WATER AND SEWER

CONTRACT NO. 433-D-W&S

PROFILE OF WATER AND SEWER MAINS

GREAT OAKS  
ELECTION DISTRICT, ELLICOTT CITY NO. 2

DRAWING NO. 3 OF 3  
SCALE H: 1" = 100'  
V: 1" = 10'



Revised to reflect Clabhouse Construction. 4/2007 KWC



**PURDUM & JESCHKE**  
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3697 PARK AVENUE  
ELLCOTT CITY, MARYLAND

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HOWARD COUNTY, MARYLAND  
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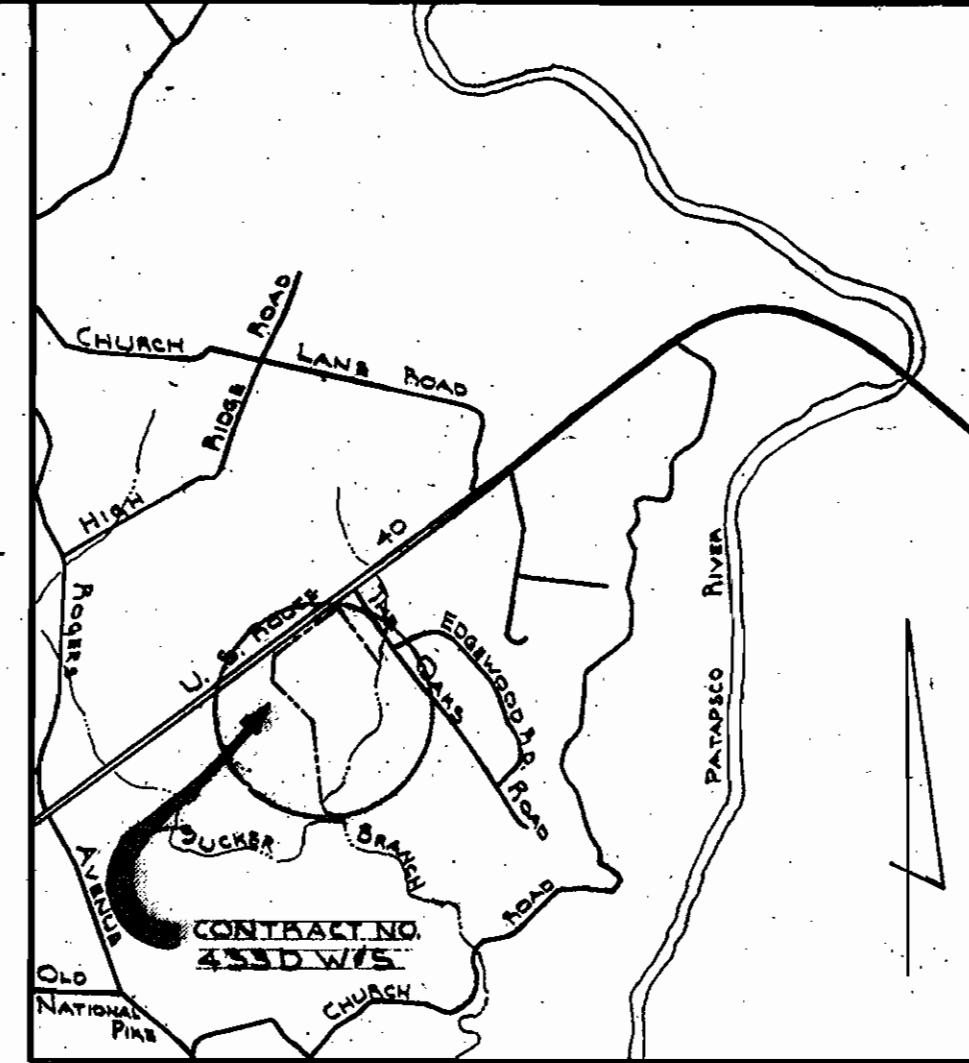
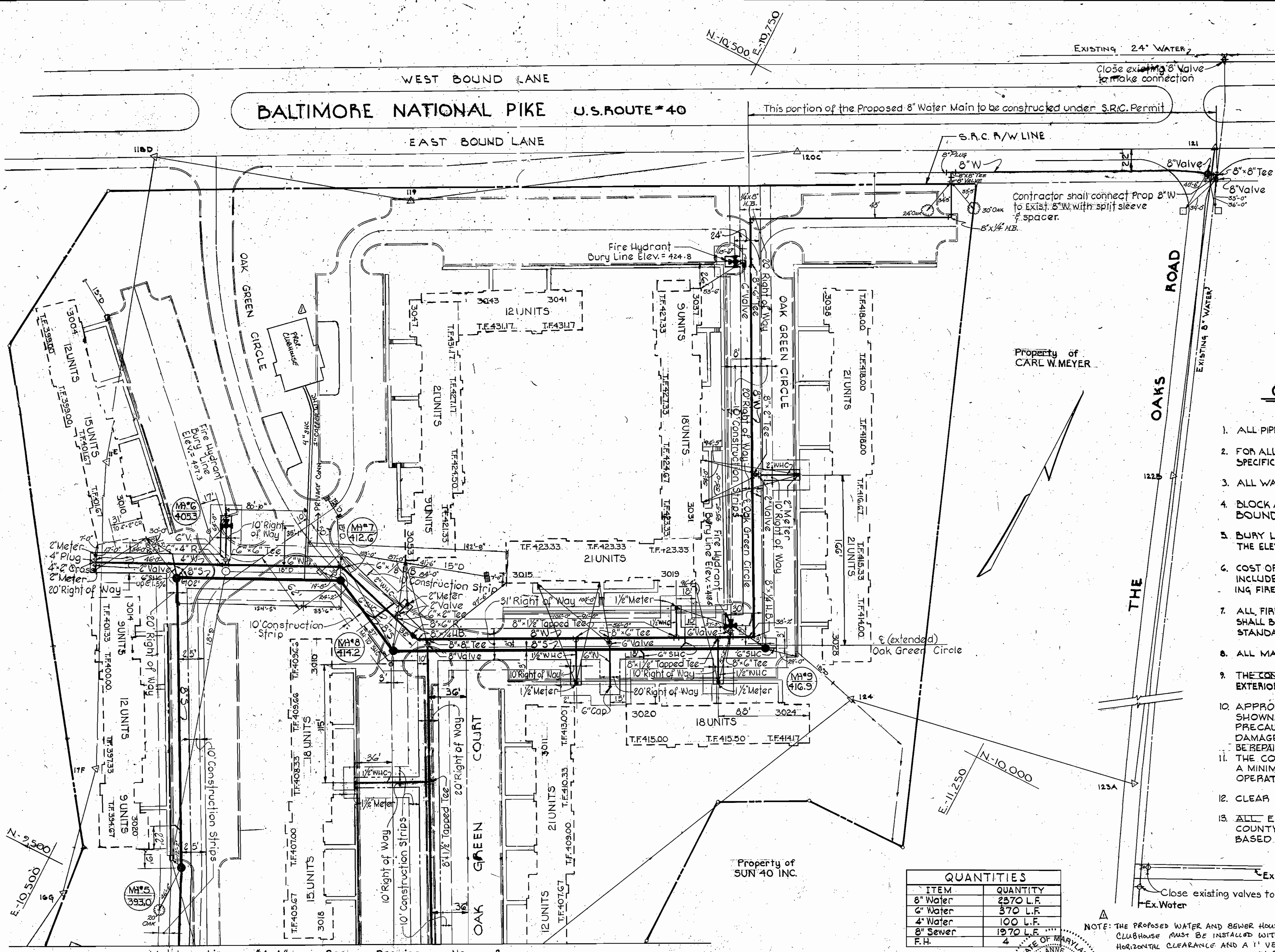
CONTRACT NO. 433-D-W&S

PROFILE OF WATER AND SEWER MAINS

GREAT OAKS  
ELECTION DISTRICT, ELLICOTT CITY NO. 2

DRAWING NO. 3 OF 3  
SCALE: H: 1"=100', V: 1"=10'

WS 433 -W&S/3

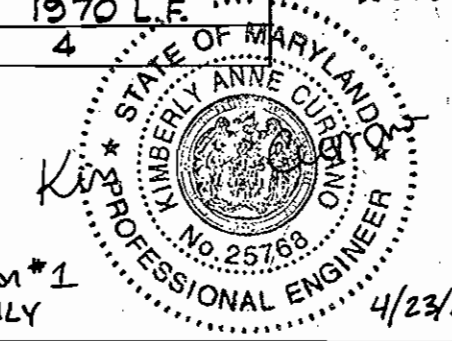


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F.H.	4

NOTE: THE PROPOSED WATER AND SEWER HOUSE CONNECTIONS TO SERVE THE CLUBHOUSE MUST BE INSTALLED WITH A MINIMUM OF 1.5' HORIZONTAL CLEARANCE AND A 1" VERTICAL CLEARANCE AS INCLUDED IN THE HOWARD COUNTY DESIGN MANUAL, VOLUME 11, SECTION 5.4.C.2. CONNECTIONS SHALL BE STANDARD FEE CONNECTIONS.



Revision #1 ONLY 4/23/2007

Match Line "A A" See Drawing No. 2  
FOR PROFILES SEE DRAWING NO. 3

Revised to reflect Clubhouse Construction 4/2007 KWC

**PURDUM & JESCHKE**  
ENGINEERS  
3897 PARK AVENUE  
ELLCOTT CITY, MARYLAND

**DEPARTMENT OF PUBLIC WORKS**  
HOWARD COUNTY, MARYLAND  
DATE: 7-2-71  
W. O. Powell  
CHIEF - BUREAU OF WATER AND SEWER

CONTRACT NO. 433-D-W&S

PLAN OF WATER AND SEWER MAINS

GREAT OAKS ELECTION DISTRICT, ELLICOTT CITY NO. 2

DRAWING NO. 1 OF 3 SCALE 1" = 50'

WS 433 W&S/1