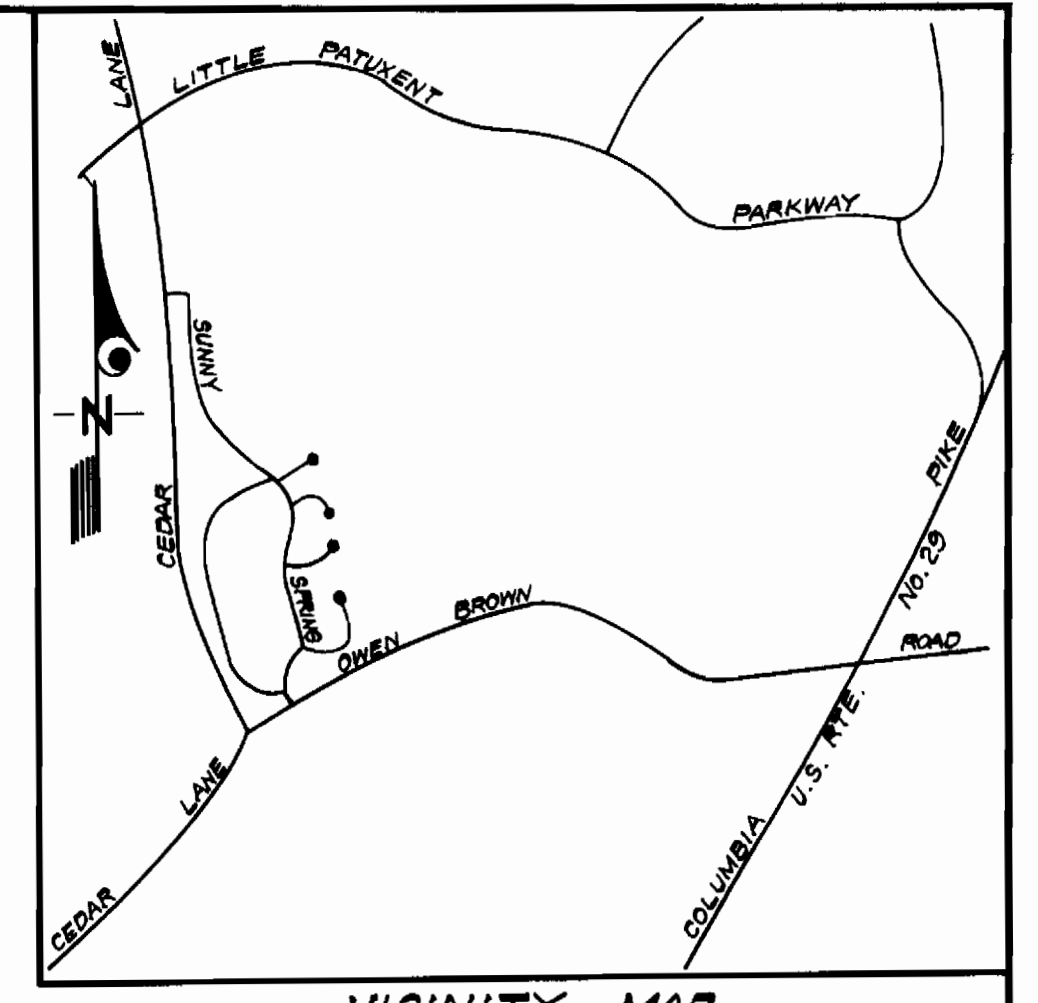
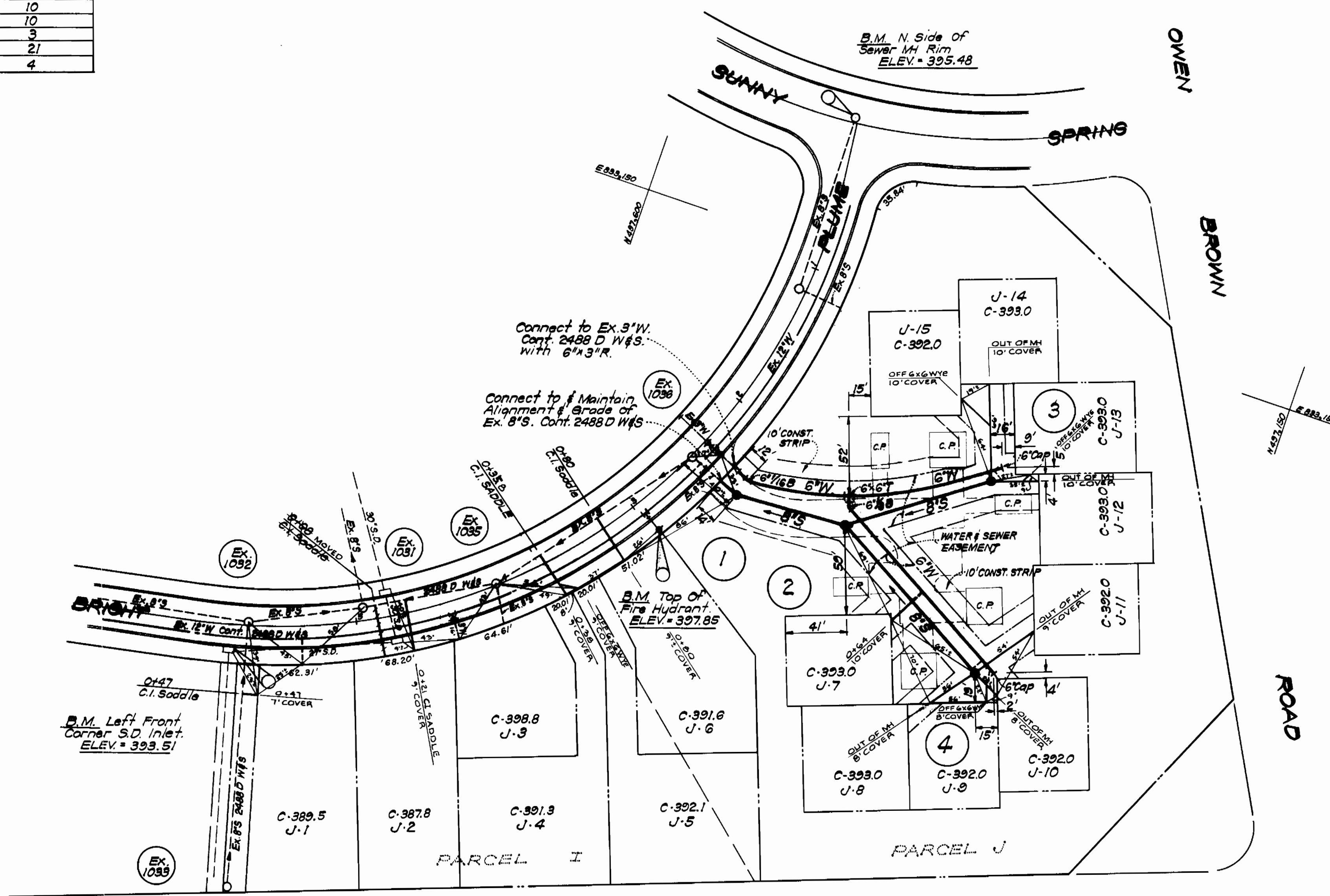


PARCELS	NR OF LOTS
A-A	8
B-B	14
C-C	15
D	12
E	8
F	5
G	6
H	4
I	5
J	10
N	10
O	3
P	21
Z	4



**GENERAL NOTES**

- All water mains to be C.I.P., D.I.P. or A.C.P. unless otherwise shown.
- Top of all water mains to have a minimum of 3.5 ft. cover unless otherwise noted.
- All valves shall be strapped to tees in accordance with standard details.
- Block all fittings with concrete, see standards bound in specifications.
- 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 hydrants to be compacted in accordance with Section 5-15 of the Standard Specifications.
- All sewer mains shall be C.S.P.X., V.C.P.X., or A.C.P. Class 2400 unless otherwise noted.
- The contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole wall.
- All manholes shall be 4'-0" inside diameter, unless otherwise noted.
- 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.
- 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.
- Clear all utilities by a minimum of 6', Clear all poles by 2'-0" minimum or tunnel as required.
- For all standard details see standards bound in specifications.
- Contractor shall locate existing utilities in advance of construction operations in the vicinity of proposed utilities.
- Contractor shall notify the following utilities or agencies at least five (5) days before starting work shown on these plans:  
 State Highway Administration - 531-5533  
 Baltimore Gas and Electric Company - Underground Electric Distribution Engineering - "Damage Control" - 234-5631  
 Baltimore Gas and Electric Company - Underground Gas Distribution Engineering - 555-0100  
 Chesapeake and Potomac Telephone Co. - 725-3376  
 American Telephone and Telegraph - Cable Location Division - 301-393-3553  
 Colonial Pipeline Company - 701-4641
- 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 for water and sewer mains.
- 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.



PARCELS TO BE SERVED BY EXISTING WATER & SEWER MAINS BUILT UNDER CONT. 2488 D W&S

PARCEL	NR TWIN W.H.C.	NR TWIN S.H.C.	NR SINGLE W.H.C.	NR SINGLE S.H.C.
D	1	3	4	1
F	1	1	13	13
J	1	1	3	3
N	1	1	0	0
O	0	0	2	2
P	1	3	7	3
Z	0	0	2	2
AA	0	1	6	4
BB	0	1	3	1
CC	0	0	2	1

**LEGEND**

Prop. W.H.C.	---
Prop. S.H.C.	---
Exist. Water	---
Exist. Sewer	---



*Clark Fine Rock & Sackett*  
8-9-76

Sewer: 8" ACP - Class 2400 - JOHN MANSFIELD  
Water: 6" ACP - Class 150 - JOHN MANSFIELD

ITEM	QUANTITY
6" Water	1300 LF 1320
8" Sewer	1205 LF 1148

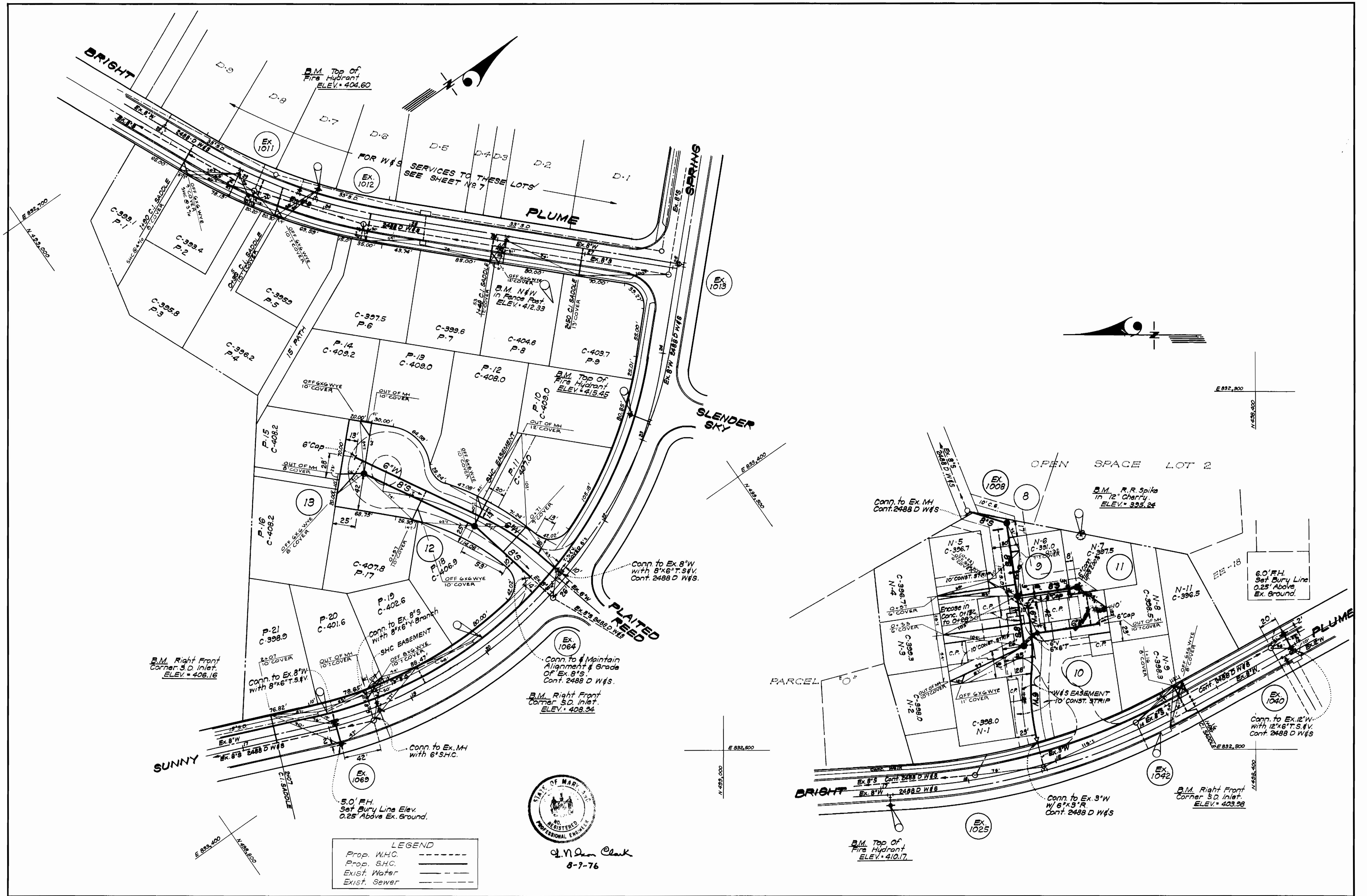
COLUMBIA  
VILLAGE OF HICKORY RIDGE  
SECTION 1 AREA 1  
PARCELS "I, J, H, BB, CC, F, F,  
N, D, O, AA & Z"  
CONTRACT 2697 D W&S

WS 697-D-W&S/1

<p>CLARK • FINE • ROCK &amp; SACKETT ENGINEERS • PLANNERS • SURVEYORS</p>	<p>DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND</p> <p><i>John Mansfield</i> DIRECTOR OF PUBLIC WORKS</p>	<p>CONTRACT NO. 2697 D W&amp;S</p>	<p>PLAN OF WATER &amp; SEWER MAINS</p>	<p>COLUMBIA VILLAGE OF HICKORY RIDGE ELECTION DISTRICT - CLARKSVILLE No. 5</p>	<p>DRAWING NO. 1 OF 8 SCALE 1" = 50'</p>
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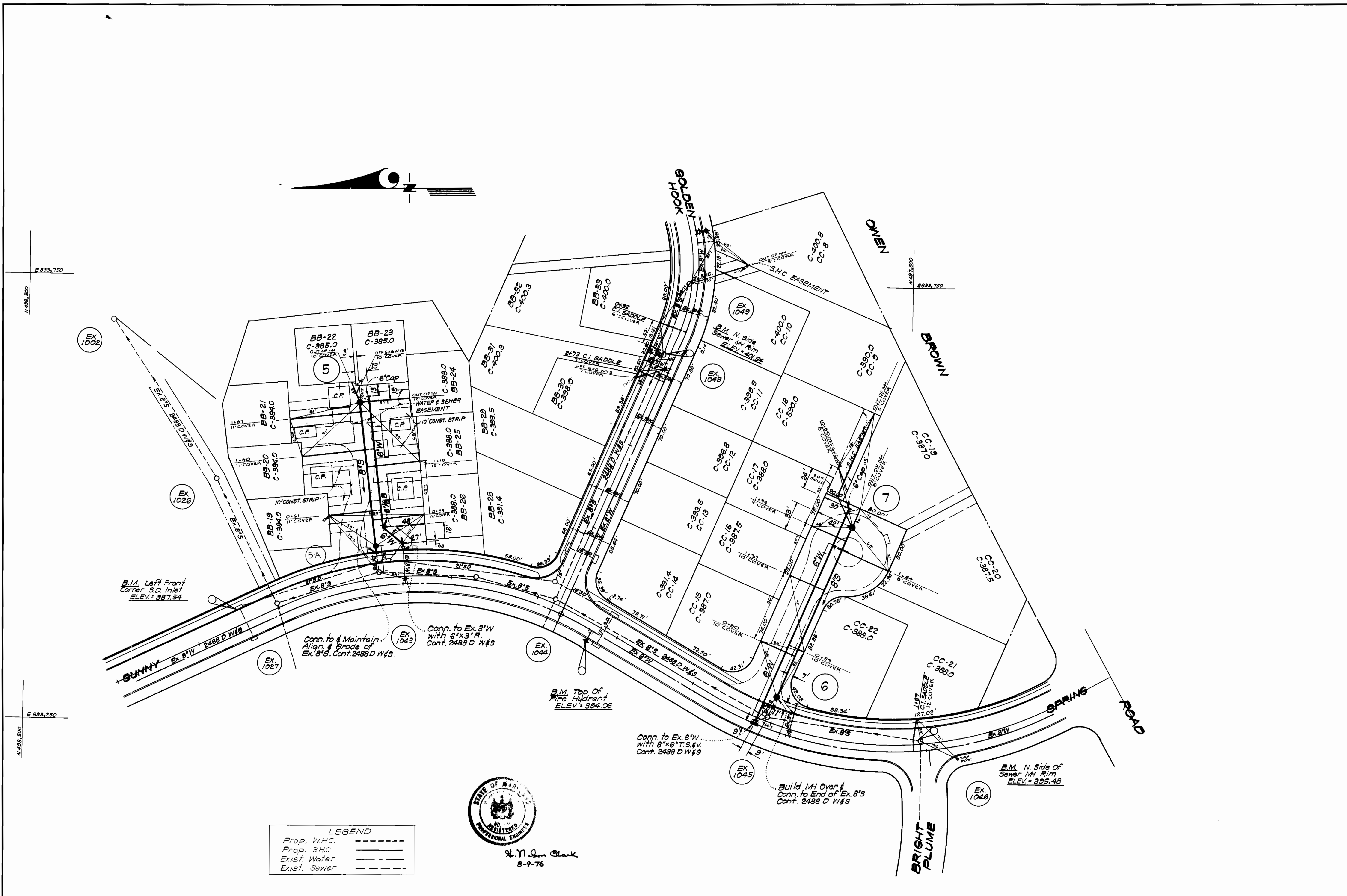
AS-BUILT APRIL 1, 1977





WS 697-D-W&S/2

CLARK • FINEROCK & SACKETT ENGINEERS • PLANNERS • SURVEYORS <small>1100 W. WADSWORTH ST. BALTIMORE, MARYLAND 21204</small>	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND <i>10-15-76</i>	CONTRACT NO. <b>2697D W&amp;S</b>	PLAN OF WATER & SEWER MAINS	COLUMBIA VILLAGE OF HICKORY RIDGE ELECTION DISTRICT-CLARKSVILLE No 5	DRAWING NO. <u>2</u> OF <u>8</u>	SCALE 1" = 50'
	<small>DIRECTOR OF PUBLIC WORKS</small>	<small>DATE</small>	<small>CHIEF BUREAU OF ENGINEERING</small>	<small>DATE</small>	<small>AS BUILT</small>	<small>APRIL 1, 1977</small>



**LEGEND**  
 Prop. W.H.C. ———  
 Prop. S.H.C. ———  
 Exist. Water ———  
 Exist. Sewer ———



W. J. Clark  
 8-9-76

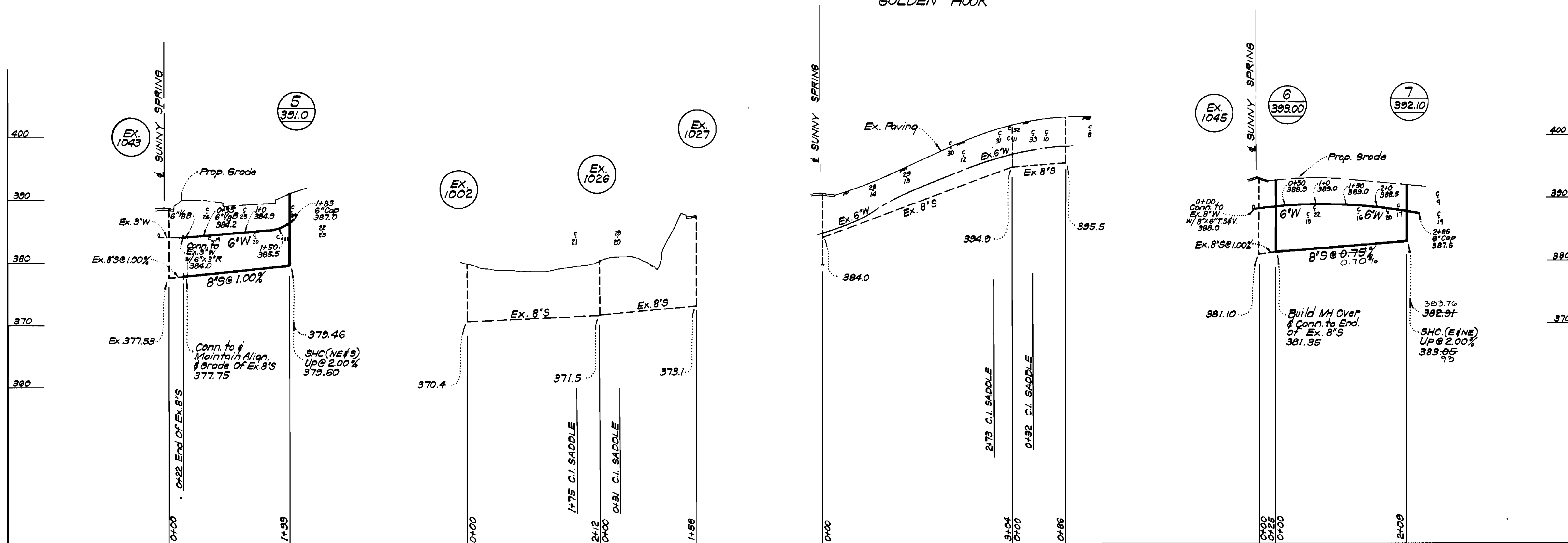
WS 697D-W&S/3

<p>CLARK • FINROCK &amp; SACKETT          ENGINEERS • PLANNERS • SURVEYORS          1100 KWOOD DRIVE SILVER SPRING, MARYLAND 20904</p>	DEPARTMENT OF PUBLIC WORKS HOWARD COUNTY, MARYLAND P. D. Rosh DIRECTOR OF PUBLIC WORKS	CONTRACT NO. 697D W&S	PLAN OF WATER & SEWER MAINS	COLUMBIA VILLAGE OF HICKORY RIDGE ELECTION DISTRICT-CLARKVILLE No. 5	DRAWING NO. 3 OF 8	SCALE 1" = 50'
	10-15-76 DATE	W. J. Clark CHIEF BUREAU OF ENGINEERING	10-15-76 DATE	AS BUILT APRIL 1, 1977		



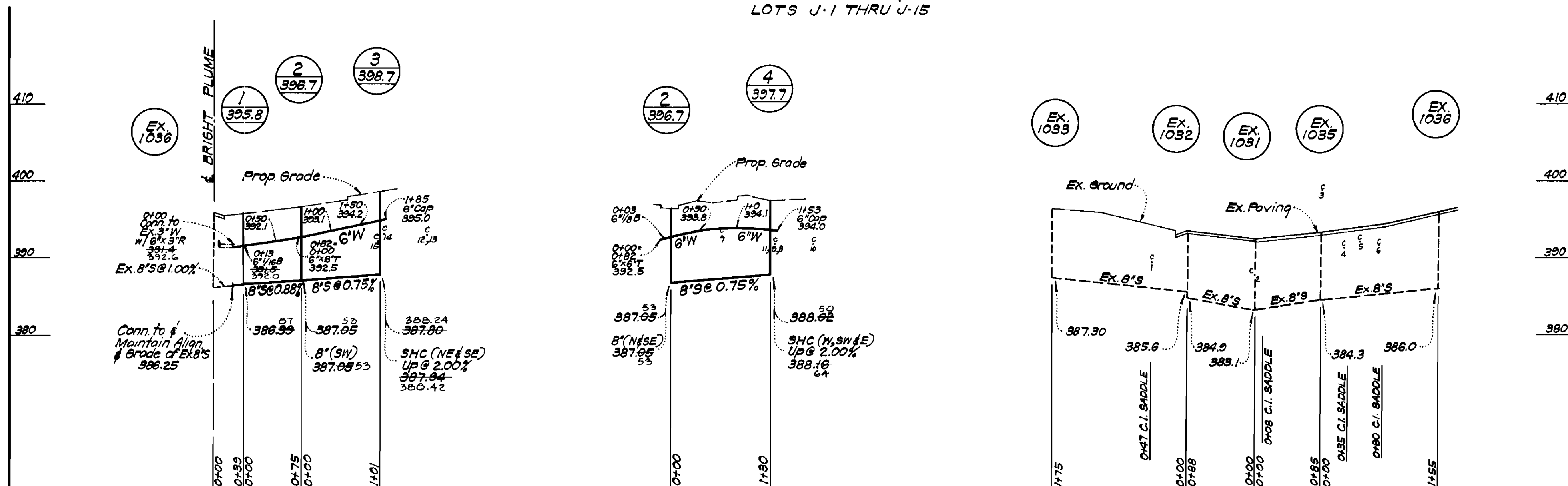
PARCELS "BB & CC"  
LOTS BB 19-BB 30 & CC 8-CC 22

GOLDEN HOOK



Refer to Plans for changes of some C.I. Saddle Stations

PARCELS "I & J"  
LOTS J-1 THRU J-15



E. N. Clark  
8-9-76

WS 697-D-W&S/4

CLARK • FINEROCK & SACKETT  
ENGINEERS • PLANNERS • SURVEYORS

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

CONTRACT NO. 697 D W&S

PROFILE OF  
WATER & SEWER MAINS

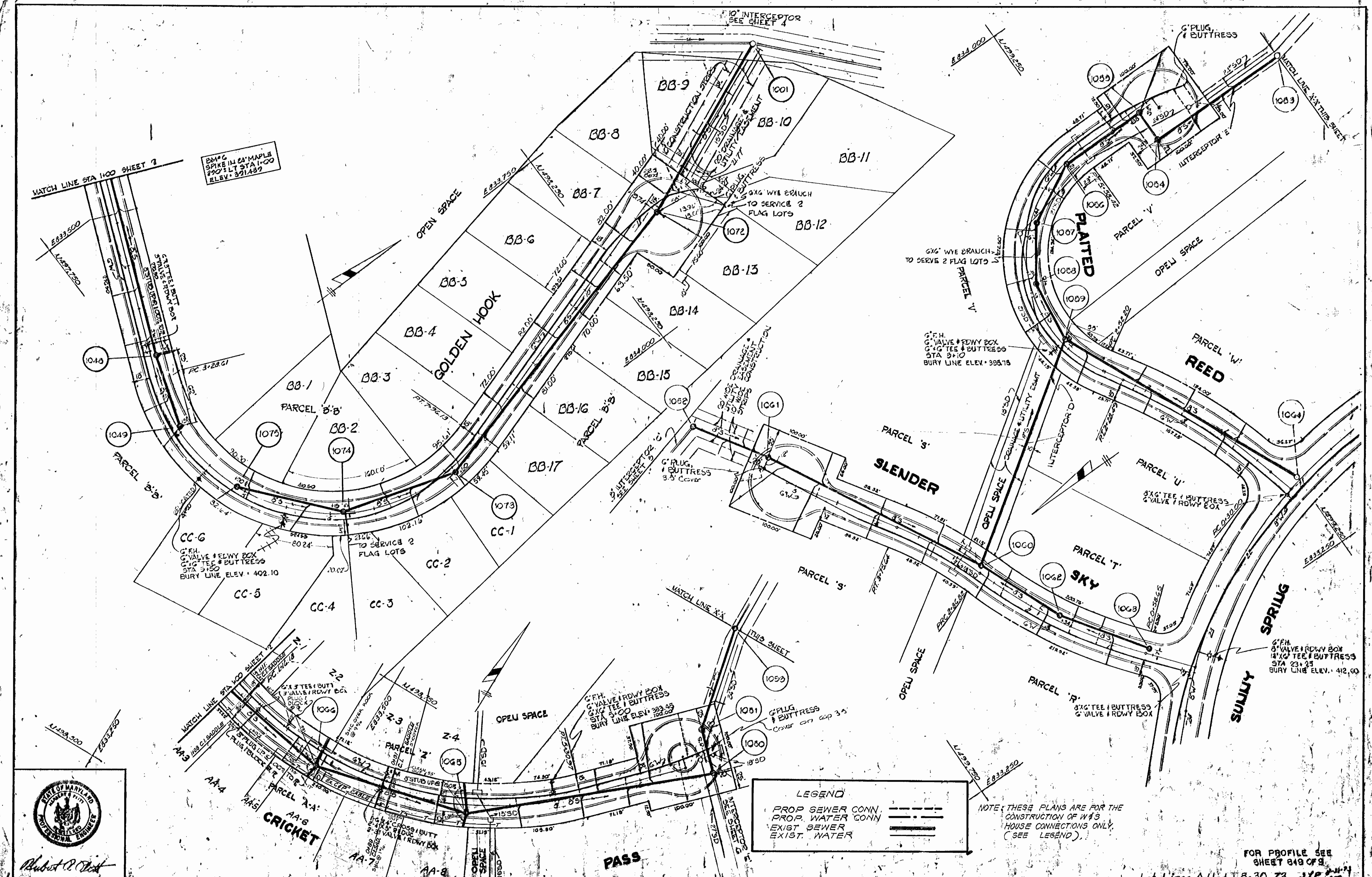
COLUMBIA  
VILLAGE OF HICKORY RIDGE  
ELECTION DISTRICT - CLARKSVILLE No. 5

DRAWING  
NO. 4  
OF 8  
SCALE  
HOR. 1"=100'  
VER. 1"=10'

AS BUILT APRIL 1, 1977







**GREEN ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
BALTIMORE, MARYLAND

**DEPARTMENT OF PUBLIC WORKS**  
HOWARD COUNTY, MARYLAND

CONTRACT NO. 2697D W8S  
2697D W8S

**PLAN OF WATER AND SEWER MAINS**

**COLUMBIA VILLAGE OF HICKORY RIDGE**  
SECTION I - AREA I  
ELECTION DISTRICT NO. 6

DRAWING NO. 6 OF 8  
SCALE 1" = 60'  
DATE APRIL 1, 1977  
MAY 1, 1978

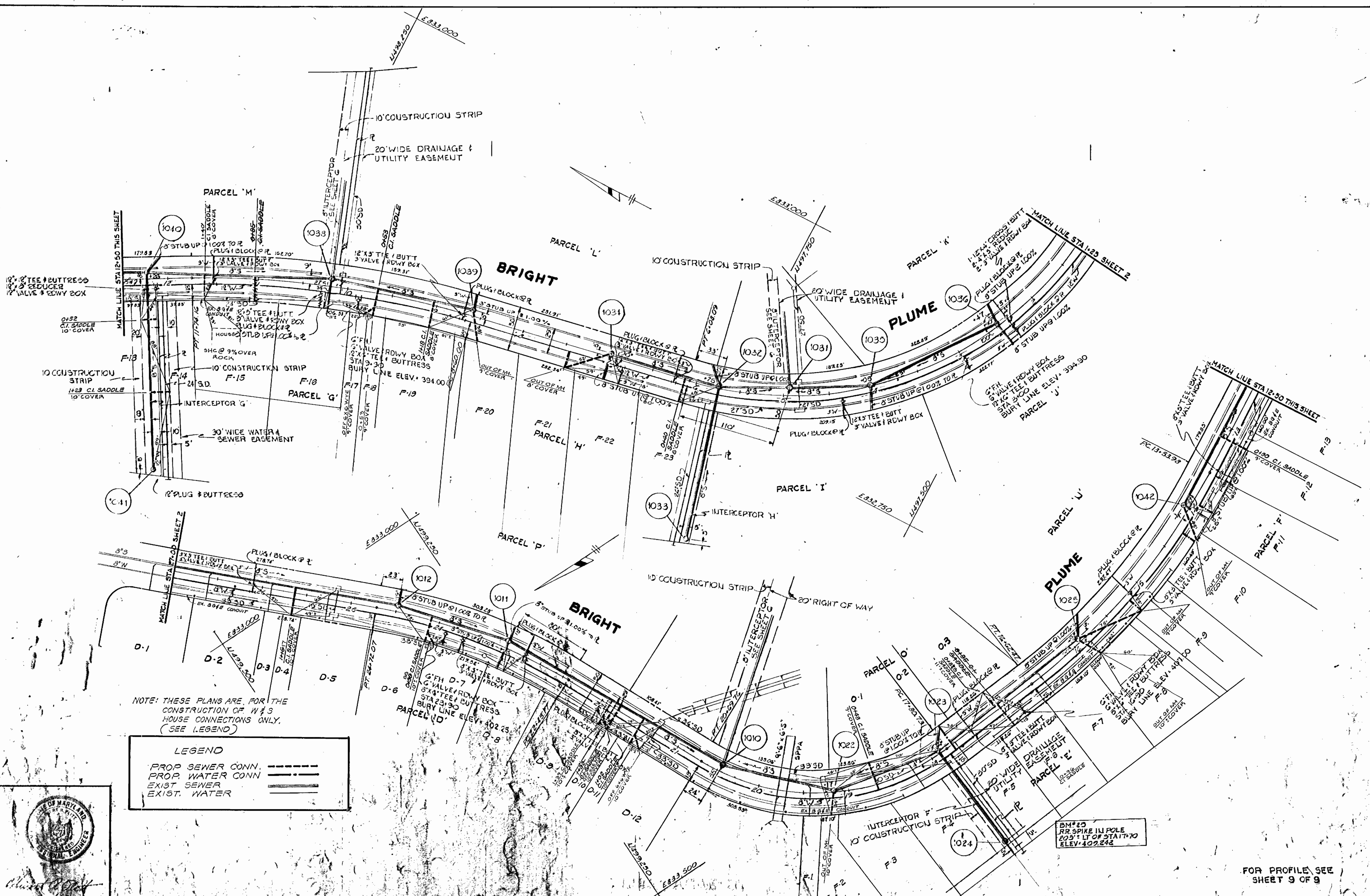
Robert P. Dick  
DIRECTOR OF PUBLIC WORKS

W. O. Pallett  
CHIEF BUREAU OF ENGINEERING

ASBUILT

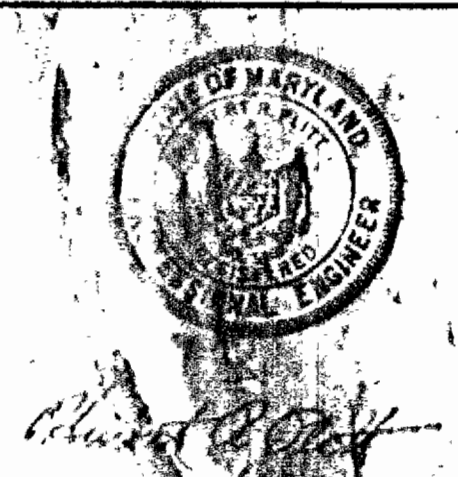
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MAY 1, 1978





NOTE: THESE PLANS ARE FOR THE CONSTRUCTION OF W & S HOUSE CONNECTIONS ONLY. (SEE LEGEND)

LEGEND	
PROP. SEWER CONN.	---
PROP. WATER CONN.	----
EXIST. SEWER	=====
EXIST. WATER	=====



GREEN ASSOCIATES, INC.  
CONSULTING ENGINEERS  
BALTIMORE, MARYLAND

DEPARTMENT OF PUBLIC WORKS  
HOWARD COUNTY, MARYLAND

CONTRACT NO. 2697D W&S

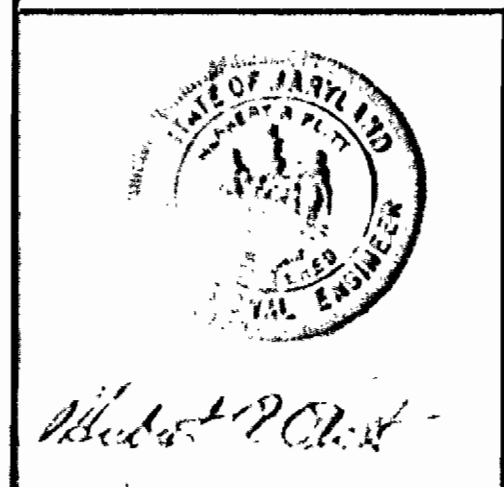
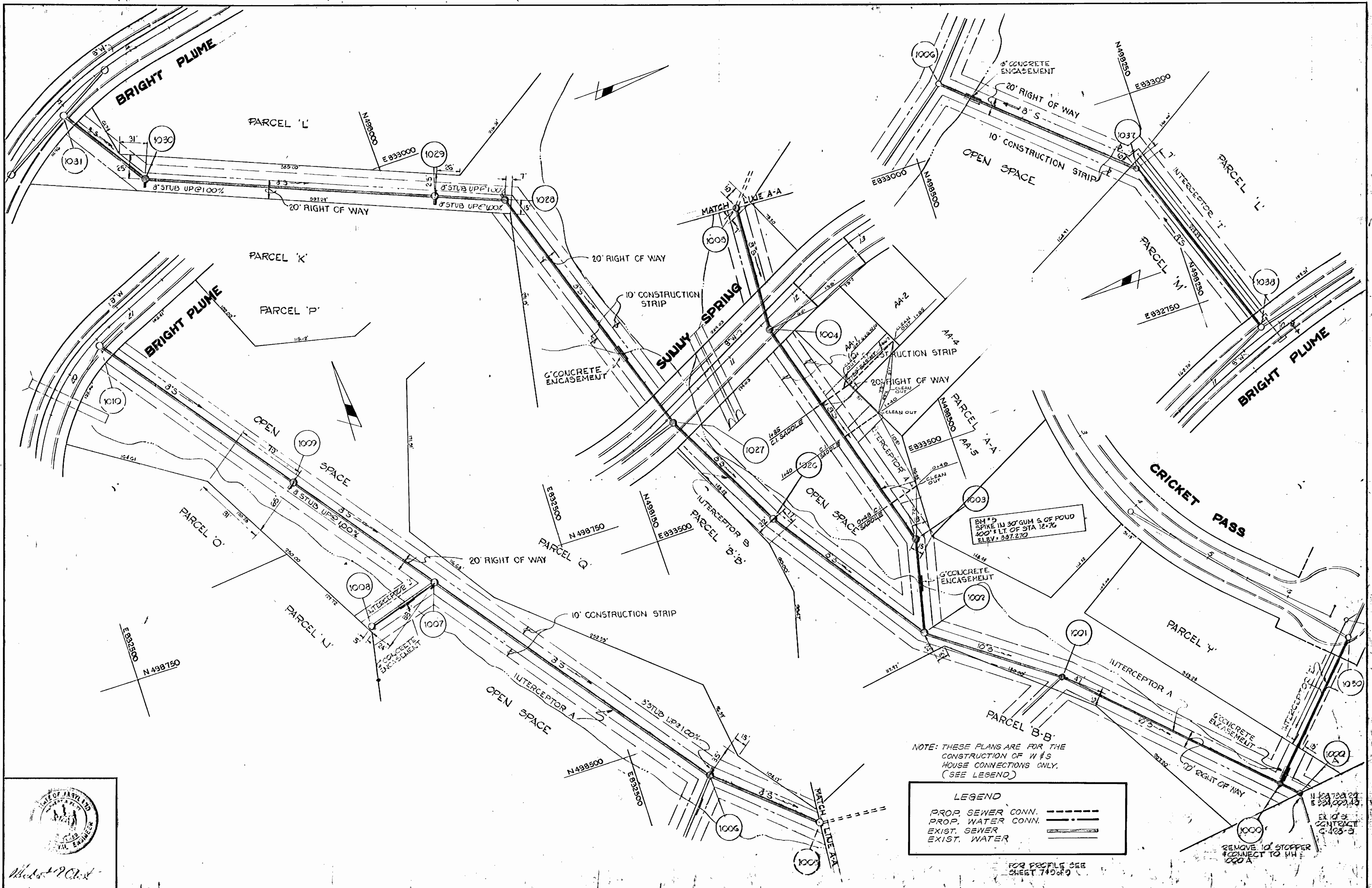
PLAN OF  
WATER AND SEWER MAINS

COLUMBIA  
VILLAGE OF HICKORY RIDGE  
SECTION I - AREA I  
ELECTION DISTRICT NO. 5

DRAWING NO. 7 OF 8  
SCALE 1"=50'

APRIL 1, 1977 MAY 1, 1973





**GREEN ASSOCIATES, INC.**  
CONSULTING ENGINEERS  
BALTIMORE, MARYLAND

**DEPARTMENT OF PUBLIC WORKS**  
HOWARD COUNTY, MARYLAND

CONTRACT NO. **2697 DWBS**

**PLAN OF WATER AND SEWER MAINS**

**COLUMBIA VILLAGE OF HICKORY RIDGE**  
SECTION I - AREA I  
ELECTION DISTRICT NO. 5

DRAWING NO. **8**  
OF **8**  
SCALE **1" = 50'**

*W. J. Reed* 10-15-76 *W. J. Reed* 10-15-76  
DIRECTOR OF PUBLIC WORKS DATE CHIEF BUREAU OF ENGINEERING DATE

ASB/MT APRIL 1, 1977 MAY 1, 1973