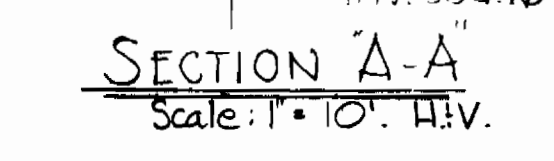


- ### BENCH MARKS
- W.R.I.A. B.M.#94-2902 Elev. 302.28  
at Cradlerock Way Sta. 94+29.02 N.T.F.T.
  - W.R.I.A. B.M.#93+00 Elev. 307.79  
at Cradlerock Way Sta. 93+00 N.T.F.T.
  - W.R.I.A. B.M.#6 Elev. 313.99  
Property Corner #268
  - W.R.I.A. B.M.#W-761 Elev. 293.63  
Iron pipe 180' right of Sta. 93+45, Cradlerock Way.

VICINITY MAP  
Scale: 1"=200'

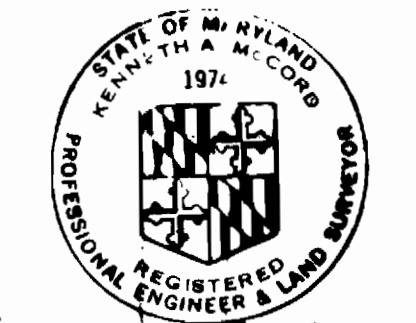
### GENERAL NOTES

- 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.
- All pipe elevations shown are invert elevations.
- The Contractor shall locate existing utilities a minimum of two weeks in advance of construction operations in vicinity of utilities.
- Clear utilities by a minimum of 6'.
- For all standard details see standard book in specifications.
- All horizontal and vertical controls are based on Maryland State Datum.
- 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.
- All manholes to be 4'-0" inside diameter.
- The Contractor shall provide a joint in a sewer main within 2'-0" of exterior manhole walls.
- All water mains to have a minimum of 3/2 cover unless otherwise noted.
- Block of fittings with concrete see standards provided in Specifications.
- Bury Line elevations on fire hydrants shall be set to elevations shown on drawings.
- All fire hydrants shall be strapped and dressed in accordance with standard details.
- Cost of strapping fire hydrants and valves shall be included in unit price bid for furnishing and laying of water mains.
- All W.H.O. shall be 1" diameter unless otherwise noted.



- SECTION A-A  
Scale: 1"=10' H.V.
- Note:
- Existing 8" W is C.I.P.
  - Uncover Ex. 8" W 3 min. each side of 8" x 6" T.S. & V.
  - 8" x 6" T.S. & V. must not be located closer than 3' to Ex. joint on 8" W.

| QUANTITIES    |          |
|---------------|----------|
| ITEM          | QUANTITY |
| 8" Sewer      | 1,480 LF |
| 8" Water      | 280 LF   |
| 6" Water      | 1,290 LF |
| Fire Hydrants | 3        |



*Kenneth A. McLeod*

Village of Owen Brown  
Section 1, Area  
Parcel E-3  
Contract No. 2665D-W&S

|  |   |  |  |                                 |                             |
|--|---|--|--|---------------------------------|-----------------------------|
| <b>WHITMAN, REQUARDT &amp; ASSOCIATES</b><br>ENGINEERS<br>1304 ST. PAUL ST.<br>BALTIMORE, MARYLAND | <b>DEPARTMENT OF PUBLIC WORKS</b><br>HOWARD COUNTY, MARYLAND<br>11-6-75<br>DATE | <b>CONTRACT NO. 2665D-W&amp;S</b><br><i>W.O. Albert</i><br>CHIEF BUREAU OF ENGINEERING | <b>PLAN OF</b><br><b>WATER &amp; SEWER MAINS</b><br><br><b>COLUMBIA</b><br>VILLAGE OF OWEN BROWN<br>ELECTION DISTRICT GUILFORD NO. 6 | <b>DRAWING</b><br>NO. 1<br>OF 2 | <b>SCALE</b><br>AS<br>SHOWN |
|--|---|--|--|---------------------------------|-----------------------------|

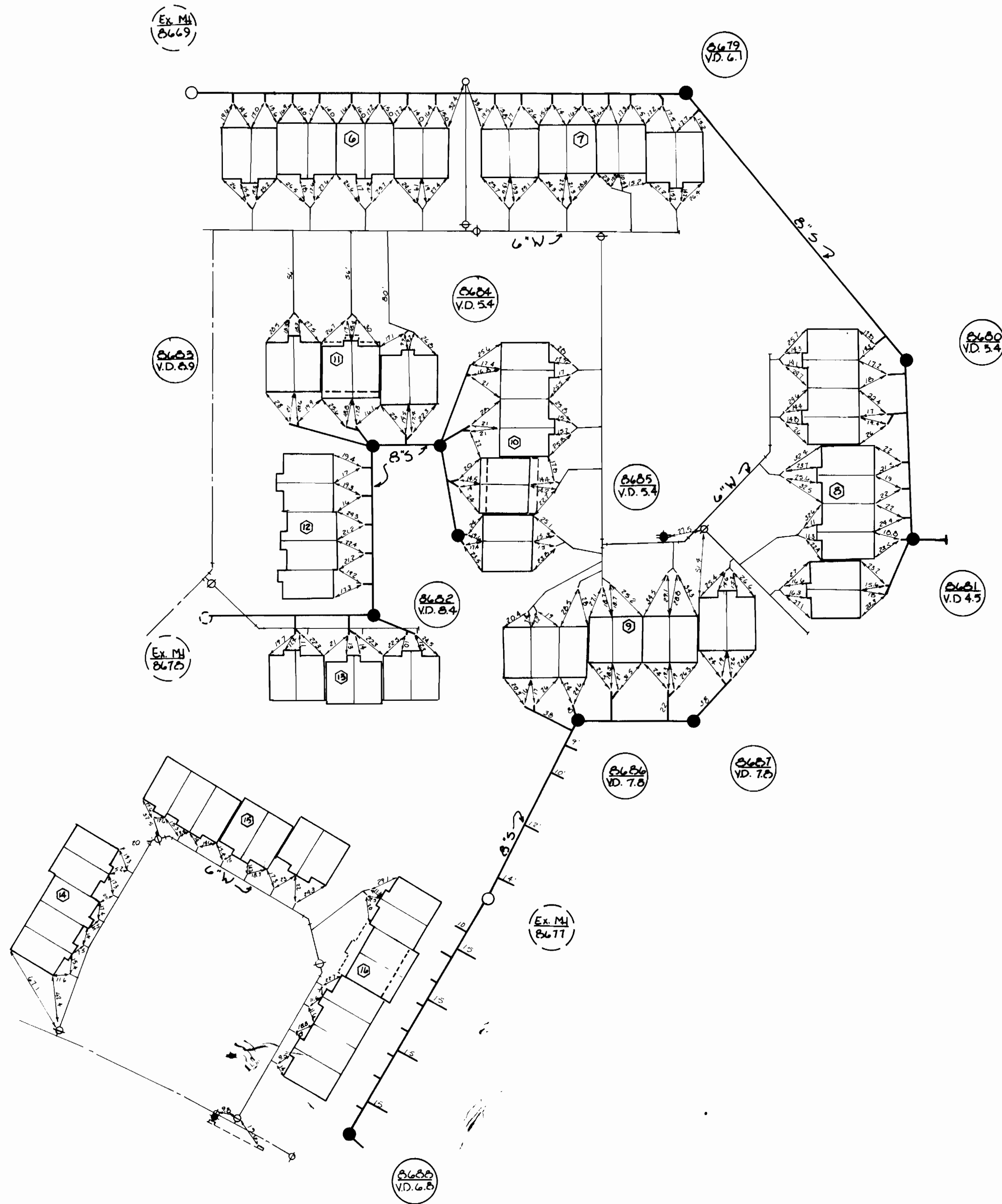
W. O. 2421

FB# 5781, 5790, 5809, 5810

AS BUILT 3-8-76 See Sheet 1-A

BRUNING 44510 18392





SEWER PIPE - JM Class 2400  
 WATER PIPE - JM Class 150  
 V.D. = Vertical Distance

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 DATE \_\_\_\_\_ CHIEF-BUREAU OF WATER AND SEWER

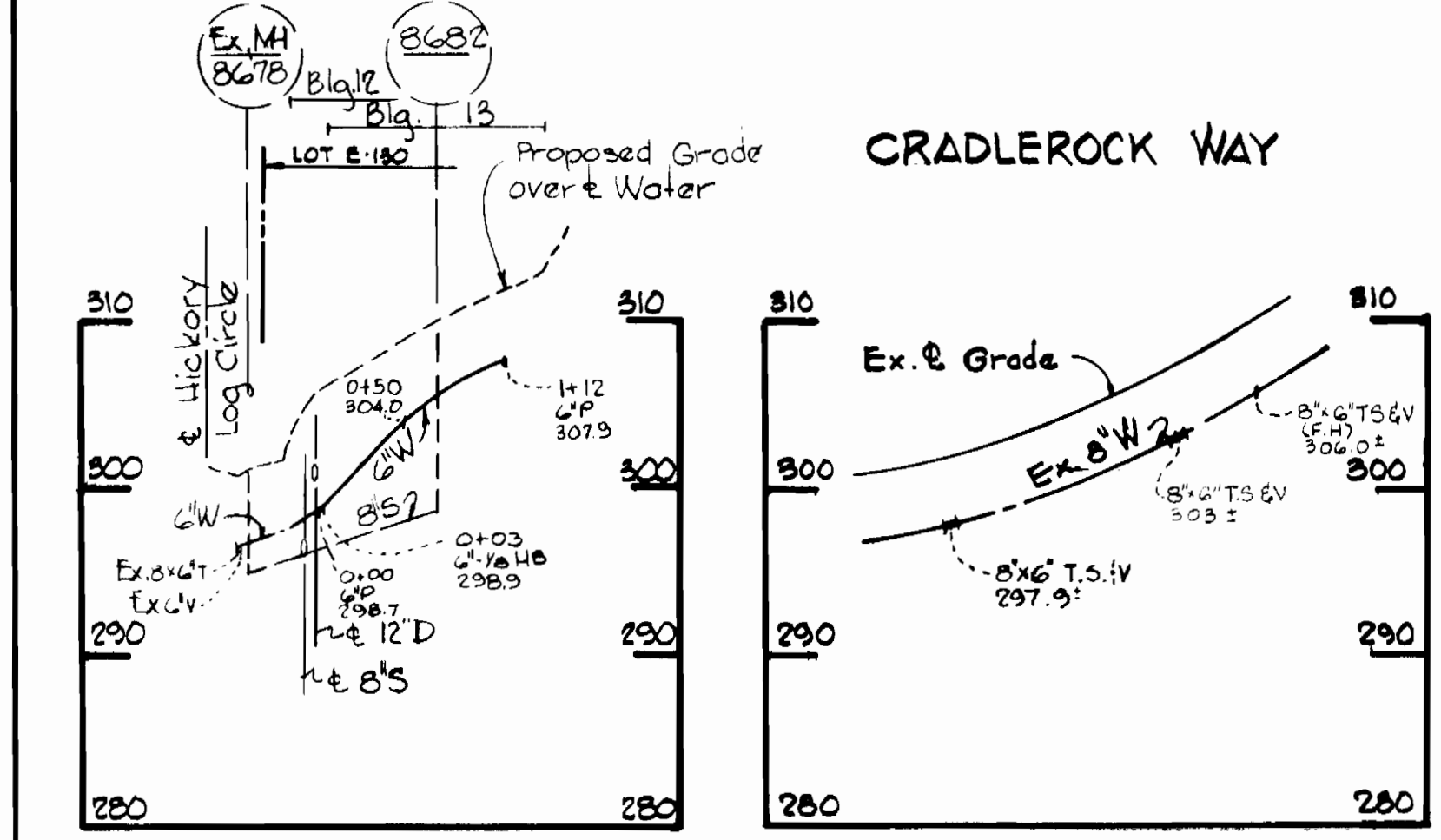
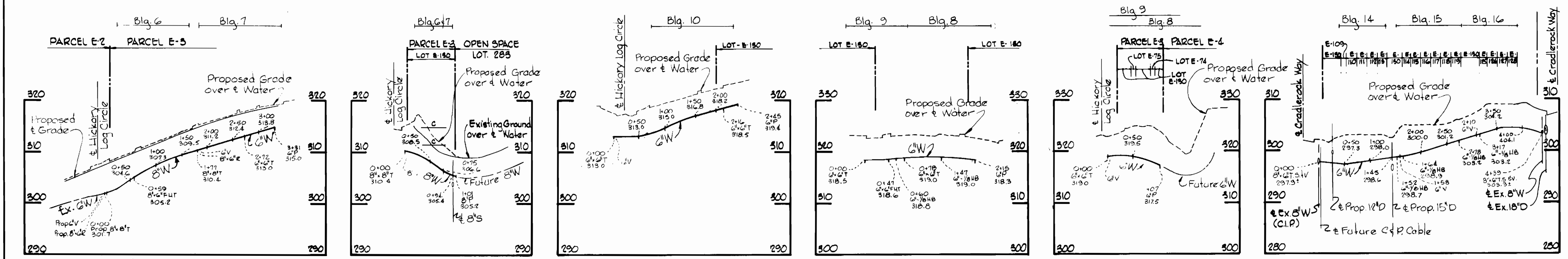
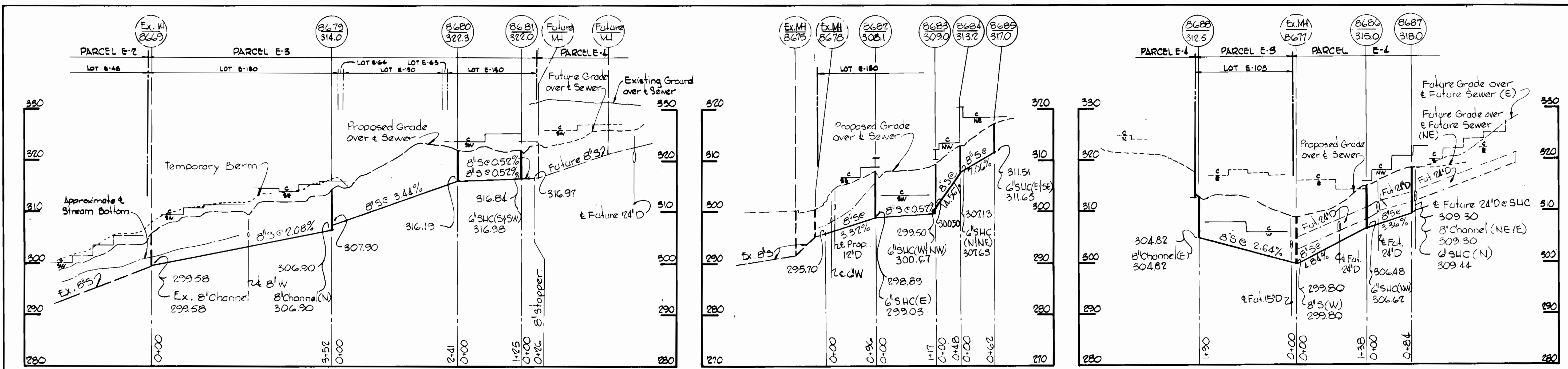
CONTRACT NO. 8465 D-VIS

AS-BUILT DIMENSIONS

|                       |       |
|-----------------------|-------|
| DRAWING NO. <u>1A</u> | SCALE |
| OF <u>2</u>           |       |

AS-BUILT: 3-8-76

WS 665 W-5/1A



*Kenneth A. McLeod*

Village of Owen Brown  
Section 1, Area 1  
Parcel E-3  
Contract No 2665D-W&S

|   |  |                        |                                    |   |   |
|---|--|------------------------|------------------------------------|---|---|
| WHITMAN, REQUARDT & ASSOCIATES<br>ENGINEERS<br>1304 ST. PAUL ST.<br>BALTIMORE, MARYLAND | DEPARTMENT OF PUBLIC WORKS<br>HOWARD COUNTY, MARYLAND<br>DATE: 11-6-75<br>W. O. Palbert<br>CHIEF BUREAU OF ENGINEERING | CONTRACT NO. 2665D-W&S | PROFILES OF<br>WATER & SEWER MAINS | COLUMBIA<br>VILLAGE OF OWEN BROWN<br>ELECTION DISTRICT GUILFORD NO. 6 | DRAWING NO. 2 OF 2<br>SCALE: H: 1"=100' V: 1"=10' |
|---|--|------------------------|------------------------------------|---|---|

W. O. 2421

AS BUILT 3-8-76

October 15, 1975

WS 665 W-1/1

DRAWING MARK 10392