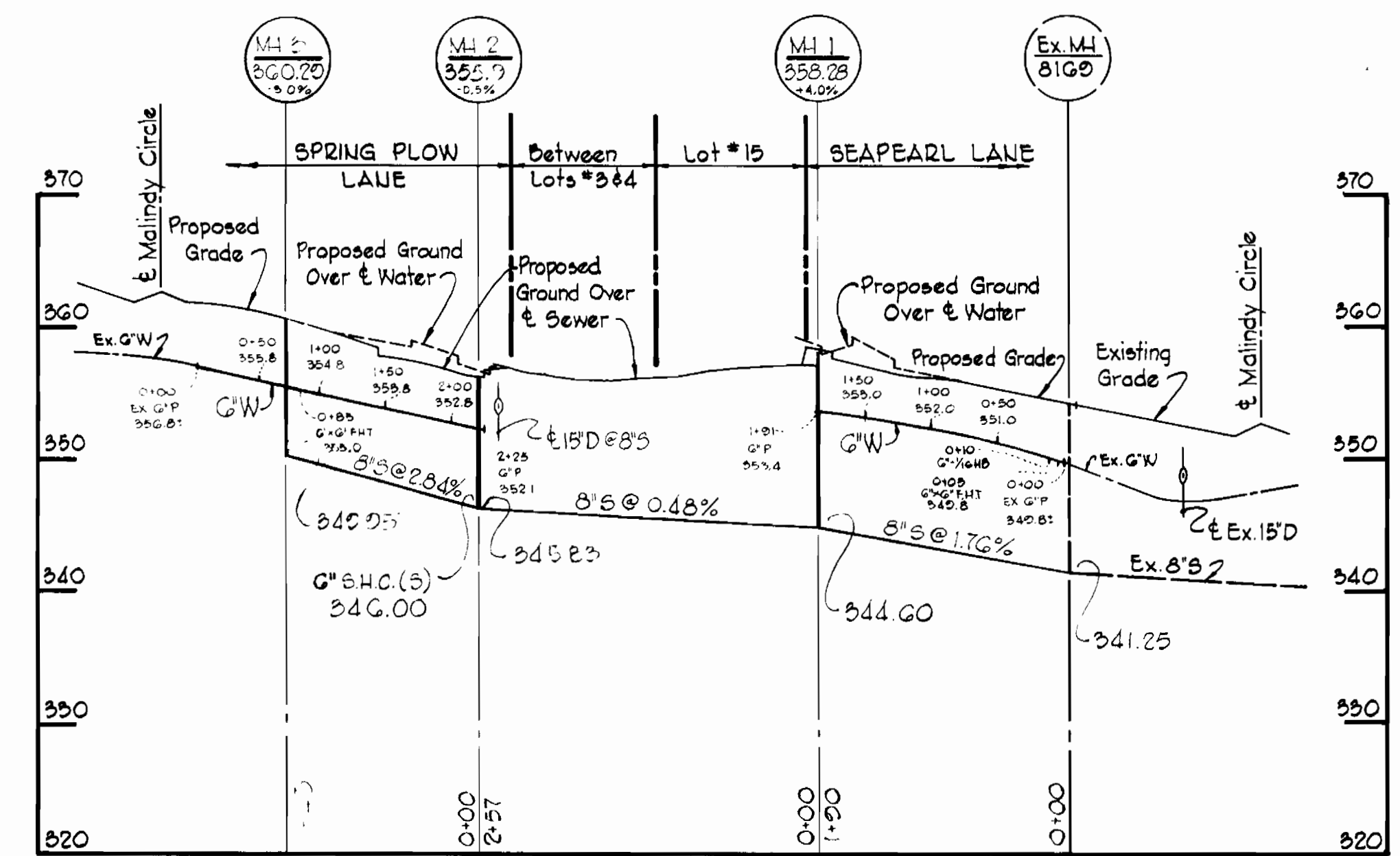


VICINITY MAP
Scale: 1" = 200'

GENERAL NOTES

- APPROXIMATE LOCATION OF EXISTING MAINS ARE SHOWN. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT EXISTING SERVICES AND MAINTAIN UNINTERRUPTED SUPPLY. ANY DAMAGE INCURRED SHALL BE REPAIRED IMMEDIATELY.
- ALL PIPE ELEVATIONS SHOWN ARE INVERT (I) ELEVATIONS.
- THE CONTRACTOR SHALL LOCATE EXISTING UTILITIES A MINIMUM OF TWO WEEKS IN ADVANCE OF CONSTRUCTION OPERATIONS IN VICINITY OF UTILITIES.
- FOR ALL STANDARD DETAILS, SEE STANDARD BOUND IN SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE A JOINT IN ALL SEWER MAINS WITH 2'-0" OF EXTERIOR MANHOLE WALLS.
- ALL HORIZONTAL AND VERTICAL CONTROLS ARE BASED ON MARYLAND STATE DATUM.
- ALL MANHOLES SHALL BE 4'-0" INSIDE DIAMETER UNLESS OTHERWISE NOTED.
- ALL WATER MAINS TO HAVE A MIN. OF 3-1/2' COVER UNLESS OTHERWISE NOTED.
- BLOCK ALL FITTINGS WITH CONCRETE. SEE STANDARD BOUND IN SPECIFICATIONS.
- BUILD ALL MANHOLES TO EXISTING GRADE UNLESS OTHERWISE NOTED.
- ALL FIRE HYDRANTS SHALL BE STRAPPED TO TEES AND SHALL BE BUTTRESSED WITH CONCRETE IN ACCORDANCE WITH STANDARD DETAILS.
- CLEAR ALL UTILITIES BY A MINIMUM OF 6 INCHES.
- ALL SEWERS SHALL BE V.C.P.X., C.S.P.X. OR A.C.P. CLASS 2400, UNLESS OTHERWISE NOTED.
- WHERE SEWER SERVICE CONNECTIONS ENTER MANHOLES, INVERTS SHALL BE CHANNELIZED TO ACCOMMODATE FLOW.
- PROFILE STATIONS SHALL BE ADJUSTED AS NECESSARY TO CONFORM TO PLAN DIMENSIONS.
- BURY LINE ELEVATIONS ON FIRE HYDRANTS SHALL BE SET TO ELEVATIONS SHOWN ON DRAWINGS.
- COST OF STRAPPING HYDRANTS AND VALVES TO TEES SHALL BE INCLUDED IN THE UNIT PRICES BID FOR FURNISHING AND LAYING WATER MAINS.

NOTE:
Elevations shown on each lot indicate the minimum basement floor elevation for said lot that can be gravity served by the 8-inch sanitary line to be constructed under this contract. All Water House Connections for lots 1-19 are Twin House Connections excluding lots 3, 6 and 15.



PROFILE
Scale: Hor: 1" = 100'
Vert: 1" = 10'

8" Sewer Pipes - ACP - Class 2400 - Johns Manville
6" Water Pipes - DIP - Griffin

Village of Owen Brown
Section 4, Area 2
Contract No. C-2691D-W&S

| QUANTITIES | |
|------------|----------|
| ITEM | QUANTITY |
| 8" Sewer | 586 500 |
| 6" Water | 424 440 |
| F.H.'s | 2 |



CENTURY ENGINEERING, INC.
CONSULTING ENGINEERS PLANNERS
TOWSON, MARYLAND, 21204

DEPARTMENT OF PUBLIC WORKS
HOWARD COUNTY, MARYLAND
7-27-76
DIRECTOR OF PUBLIC WORKS DATE

CONTRACT NO. C-2691D-W&S
7-27-76
CHIEF-BUREAU OF ENGINEERING DATE

PLAN AND PROFILES OF
WATER AND SEWER MAINS

COLUMBIA
VILLAGE OF OWEN BROWN
ELECTION DISTRICT GUILFORD NO. 6

DRAWING NO. 1 OF 1
SCALE AS SHOWN

WS 691D-W&S/1