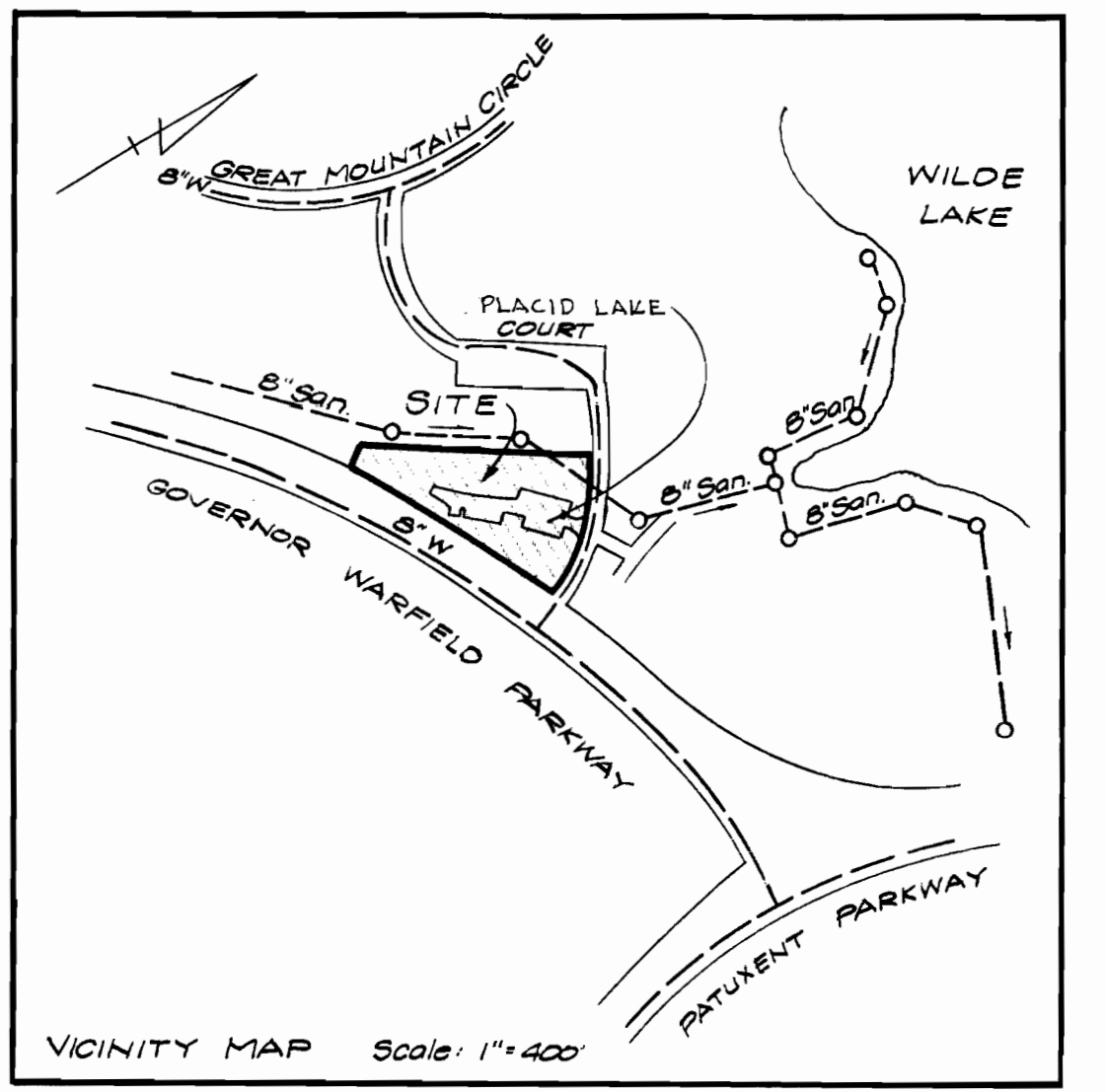
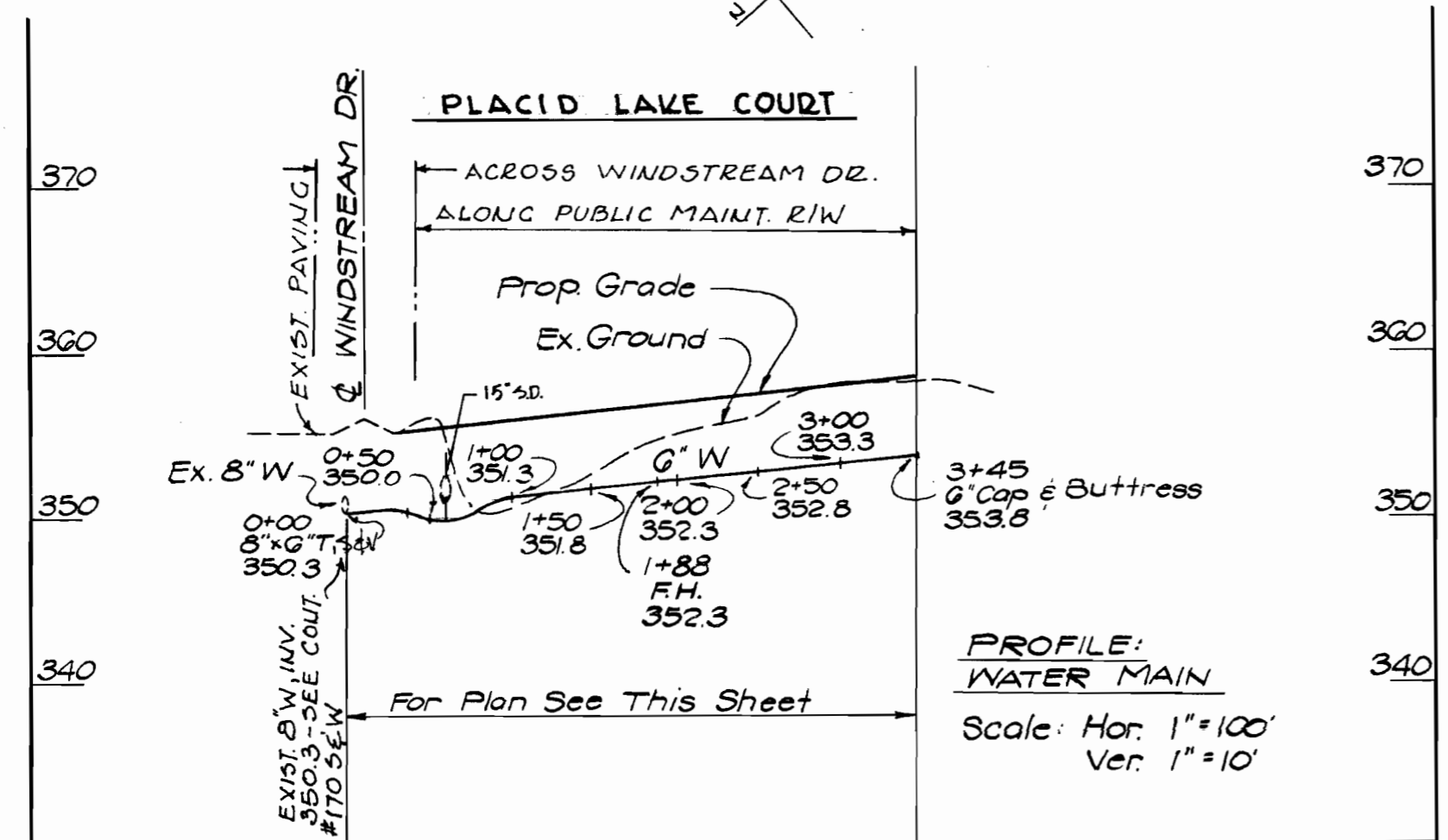


**GENERAL NOTES**

1. Approximate location of existing mains are shown. Contractor shall take all necessary precautions to protect existing mains and services and maintain uninterrupted supply. Any damage incurred shall be repaired immediately.
2. All water pipe elevations shown are bottom elevations. All sewer pipe elevations are invert elevations.
3. The contractor shall locate existing utilities a minimum of two weeks in advance of construction operations in vicinity of utilities.
4. For all standard details see standards bound in specifications.
5. Clear all utilities by a minimum of 6', clear all poles by 2'-0" minimum or tunnel as required.
6. All horizontal and vertical controls are based on Maryland State Datum.
7. The contractor shall provide a joint in all sewer mains within 2'-0" of exterior manhole walls.
8. All manholes shall be 4'-0" inside diameter.
9. All water mains to have a minimum of 4'-0" cover unless otherwise noted.
10. Block all fittings with concrete, see standards bound in specs.
11. Bury line elevations on fire hydrants shall be set to the elevations shown on the drawings.
12. All fire hydrants shall be strapped to the tee and shall be buttressed with concrete in accordance with standard details.
13. Wall thickness of manholes at depths deeper than 12'-0" shall be 12".



BUILD M.H. OVER & CONNECT TO EXISTING SEWER, BUILT UNDER CONTRACT 180 W & S.



B.M. No 1 CROSS CUT IN SIDEWALK ON WEST SIDE OF WINDSTREAM DRIVE, 60' NORTH OF GOVERNOR WARFIELD PARKWAY  
 EL. 368.44

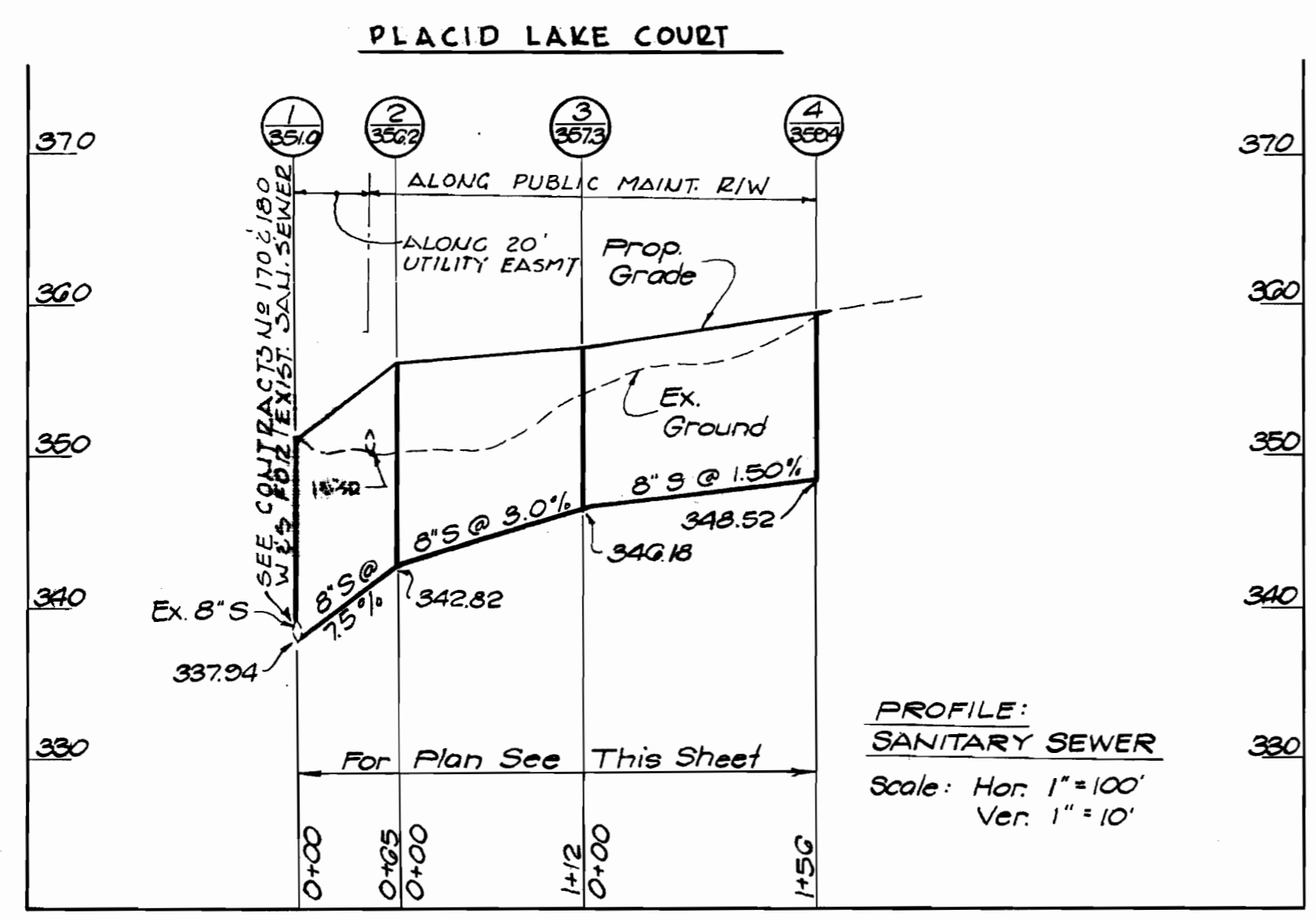
B.M. No 2 CROSS CUT IN SIDEWALK ON WEST SIDE OF WINDSTREAM DRIVE, 85' NORTH OF WINDSTREAM COURT.  
 EL. 350.88

NOTE: FIRE HYDRANT SHALL BE LOCATED 2 FT. AWAY FROM FACE OF CURB.

| WATER HOUSE CONNECTION |                      |                                |
|------------------------|----------------------|--------------------------------|
| LEGEND                 | SIZE                 | LOT NUMBER                     |
| ○                      | 5/8" SINGLE CONNECT. | 3-5, 3-6, 3-13 & 3-18          |
| ●                      | 3/8" TWIN CONNECT.   | 3-1, 2, 3-24, 3-7, 8, 3-9 & 10 |

| QUANTITIES        |              |
|-------------------|--------------|
| ITEM              | QUANTITY     |
| 8" SANITARY SEWER | 325'-333' LF |
| MANHOLES          | 4 EA.        |
| 6" WATER MAIN     | 352'-345' LF |

"Sewer" ACP - J.M. Transit 8" - 2400  
 "Water" J.M. ACP 6" Class 150



VILLAGE OF WILDE LAKE  
 SECTION 6, AREA 5  
 RESUB OF LOT 3  
 HOWARD COUNTY, MARYLAND  
 DEPARTMENT OF PUBLIC WORKS



VILLAGE OF WILDE LAKE  
 SECTION 6, AREA 5 - Court. No. 2457-D-W & S

**IPDS**  
 THE INTERPROFESSIONAL PLANNING & DESIGN STUDIO, LTD.  
 PLANNERS - LANDSCAPE ARCHITECTS - ENGINEERS - ARCHITECTS

DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND  
 Director: P.J. Rasmussen  
 Chief: Bureau of Engineering

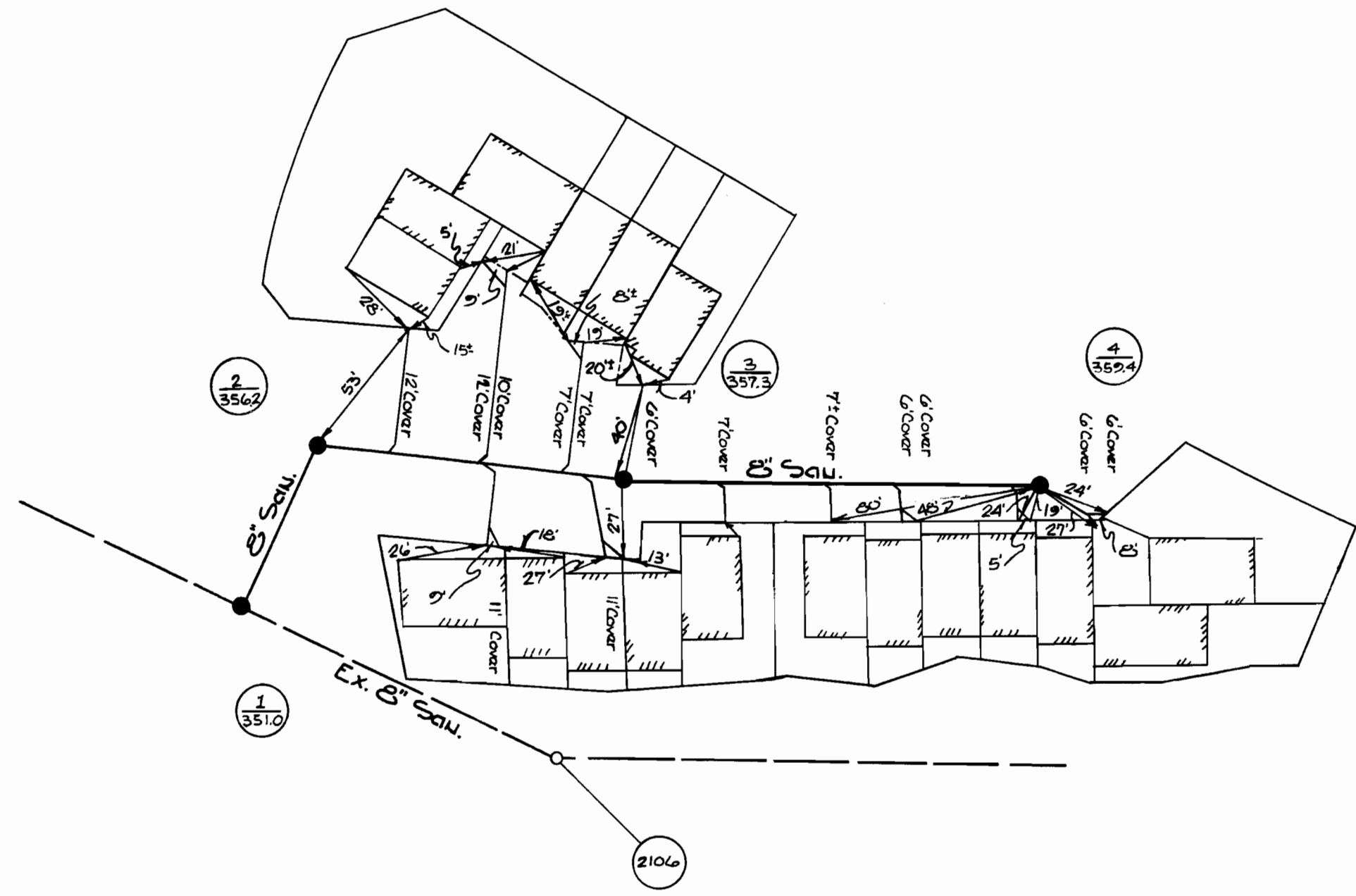
CONTRACT NO. 2457-D-W & S

PLAN & PROFILE  
 SEWER & WATER MAIN

COLUMBIA  
 VILLAGE OF WILDE LAKE SEC. 6 AREA 5  
 RESUB OF LOT 3, HOWARD COUNTY, MD.

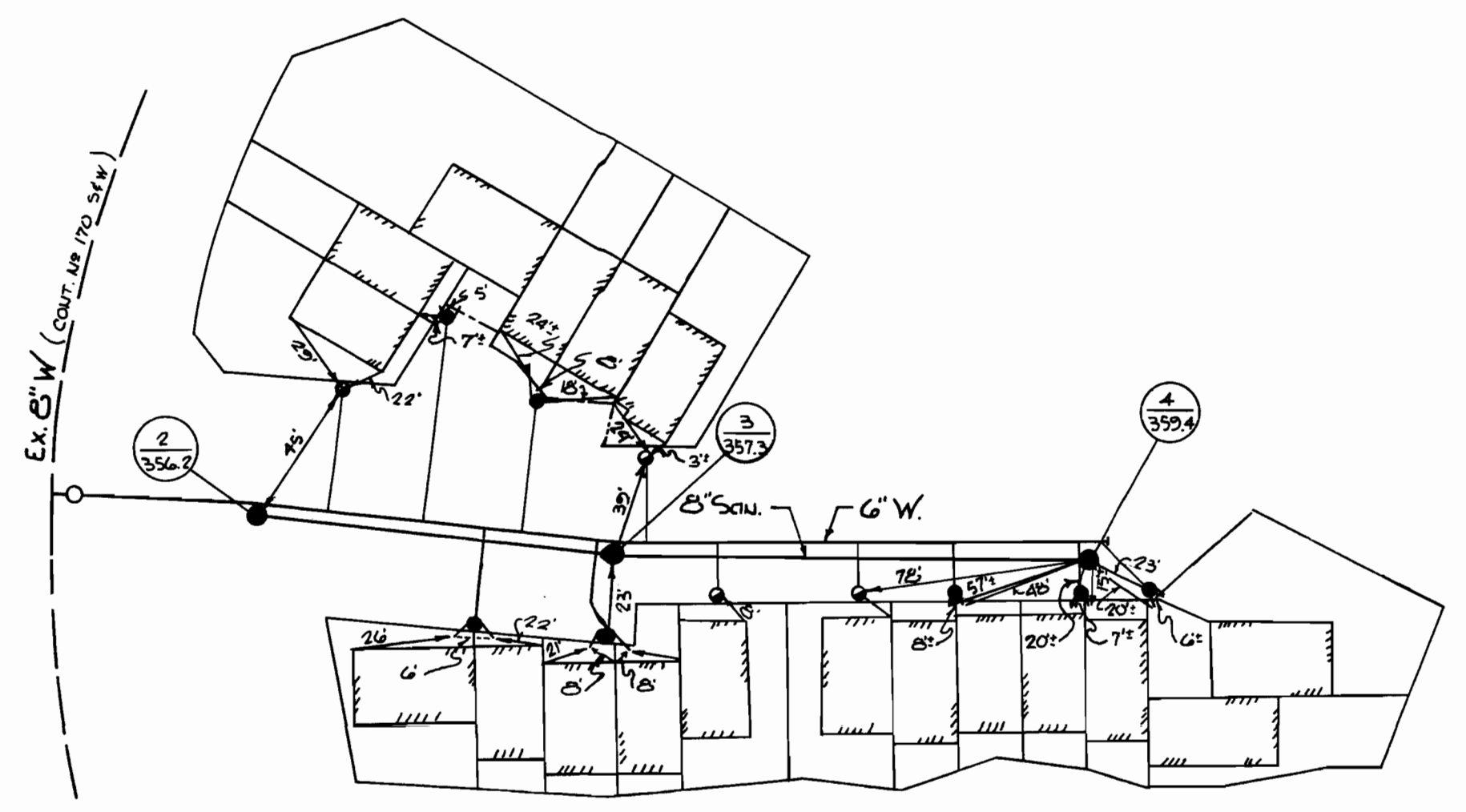
DRAWING NO. 1 OF 1  
 SCALE AS SHOWN

WS 457 W & S/1



# "SEWER"

# "WATER"



DEPARTMENT OF PUBLIC WORKS  
 HOWARD COUNTY, MARYLAND

CONTRACT NO. 2457-D-W&S

AS-BUILT DIMENSIONS  
 FOR WATER & SEWER

COLUMBIA  
 VILLAGE OF WILDE LAKE SEC. 6 AREA 5  
 RESUB OF LOT 3, HOWARD COUNTY, MD.

DRAWING  
 NO. 1A  
 OF 1

SCALE

DATE \_\_\_\_\_ CHIEF-BUREAU OF WATER AND SEWER

18 11 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

18 11 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

18 11 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100