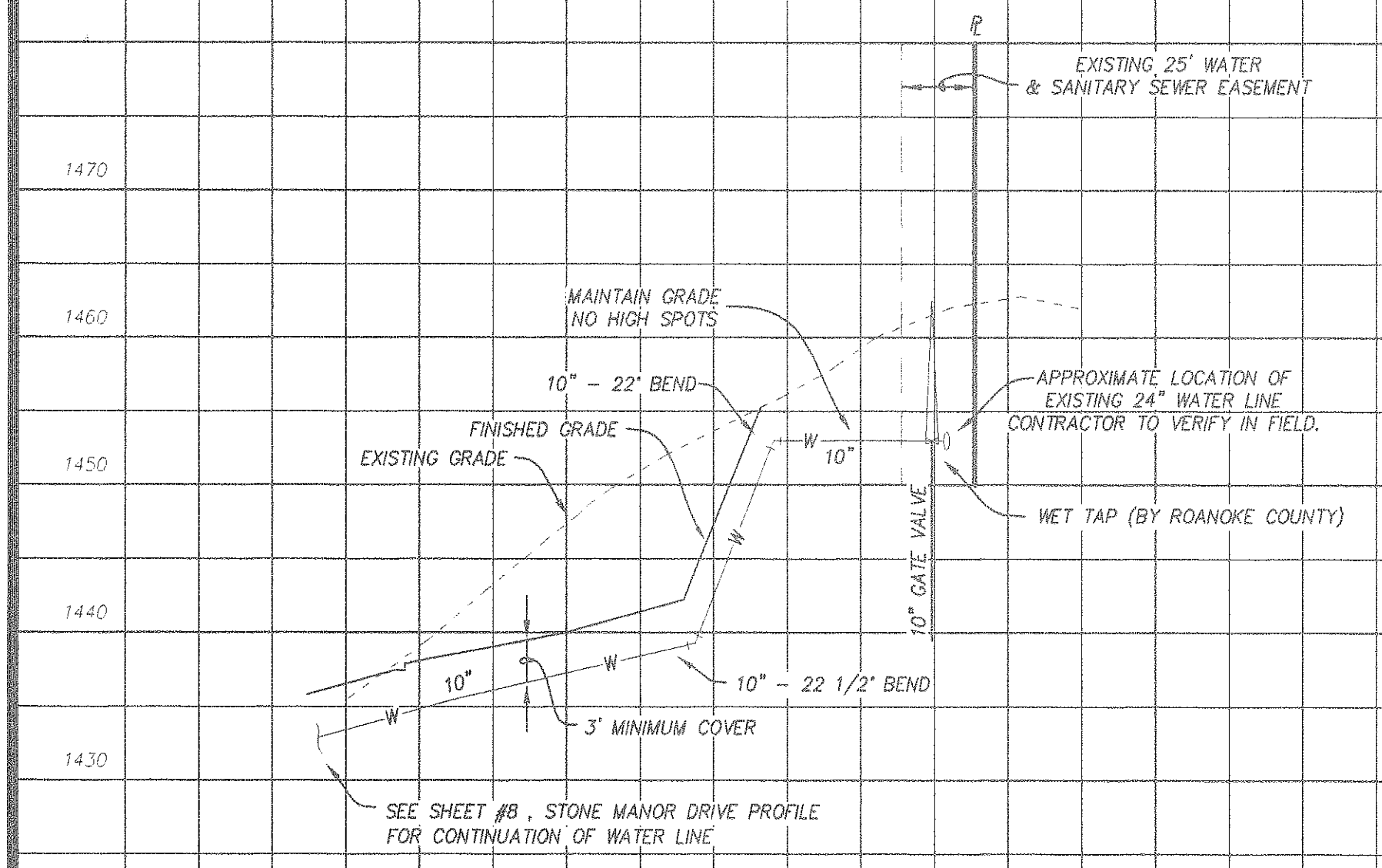
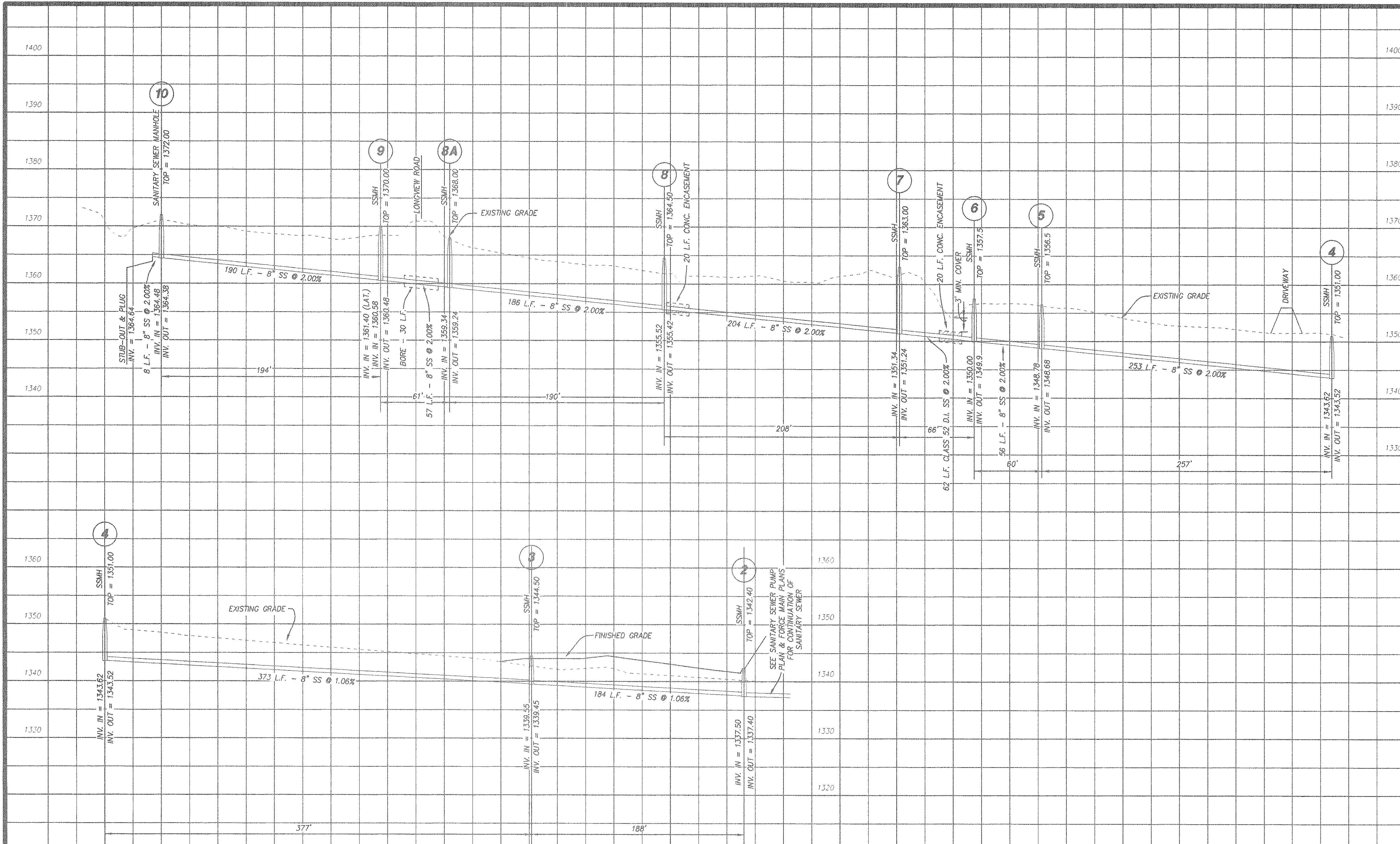




**SANITARY SEWER PROFILES**  
SCALE: 1" = 50' HORIZ.  
1" = 10' VERT.

**WATER LINE PROFILES**  
SCALE: 1" = 50' HORIZ.  
1" = 10' VERT.

| SANITARY SEWER SERVICE |                                          |                            |
|------------------------|------------------------------------------|----------------------------|
| LOT                    | 4" SERVICE LATERAL ELEVATION @ CLEAN-OUT | MINIMUM BUILDING ELEVATION |
| 1                      | 1377.5                                   | 1309.9*                    |
| 2                      | 1394.4                                   | 1397.7*                    |
| 3                      | 1397.5                                   | 1400.8*                    |
| 4                      | 1397.5                                   | 1401.0*                    |
| 5                      | 1395.9                                   | 1399.2*                    |
| 6                      | 1395.3                                   | 1398.9*                    |
| 7                      | 1395.3                                   | 1398.5*                    |
| 8                      | 1401.7                                   | 1407.6                     |
| 9                      | 1401.8                                   | 1409.4                     |
| 10                     | 1398.3                                   | 1409.6                     |
| 11                     | 1388.2                                   | 1404.0                     |
| 12                     | 1413.3                                   | 1423.1*                    |
| 13                     | 1426.8                                   | 1430.4*                    |
| 14                     | 1434.2                                   | 1441.5                     |
| 15                     | 1433.9                                   | 1442.3                     |
| 16                     | 1427.6                                   | 1439.1                     |
| 17                     | 1416.9                                   | 1424.6*                    |
| 18                     | 1404.1                                   | 1413.1*                    |
| 19                     | 1393.3                                   | 1400.5*                    |
| 20                     | 1378.1                                   | 1388.4*                    |
| 21                     | 1392.5                                   | 1398.4*                    |
| 22                     | 1401.0                                   | 1405.5*                    |
| 23                     | 1407.6                                   | 1411.0*                    |

\*BASEMENT ELEVATION

**LUMSDEN ASSOCIATES, P.C.**  
ENGINEERS-SURVEYORS-PLANNERS  
ROANOKE, VIRGINIA

PHONE: (540) 774-4111  
FAX: (540) 772-9415  
E-MAIL: MAIL@LUMSDENPC.COM

THOMAS C. DALE  
No. 033002  
3/26/03  
PROFESSIONAL ENGINEER  
COMMONWEALTH OF VIRGINIA

**SANITARY SEWER & WATER LINE PROFILES**

**SECTION No. 1**  
**STONE MANOR**  
PREPARED FOR  
**BOONE, BOONE & LOEB, INC.**  
WINDSOR HILLS MAGISTERIAL DISTRICT  
ROANOKE COUNTY, VIRGINIA

| NO. | DATE | DESCRIPTION |
|-----|------|-------------|
| 1   |      |             |
| 2   |      |             |
| 3   |      |             |
| 4   |      |             |
| 5   |      |             |

DATE: 20 MARCH 2002

SCALE: AS SHOWN

COMMISSION NO.: 01-409

CADD FILE: F:\2001\1400\ENG\SECTN 01A.DWG

SHEET 10 OF 12