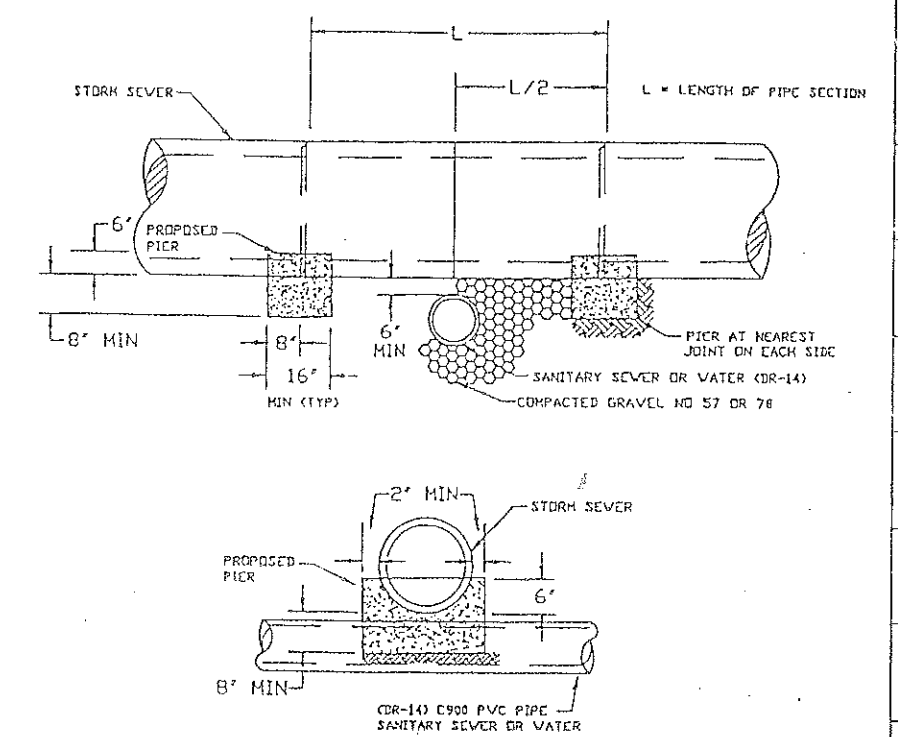
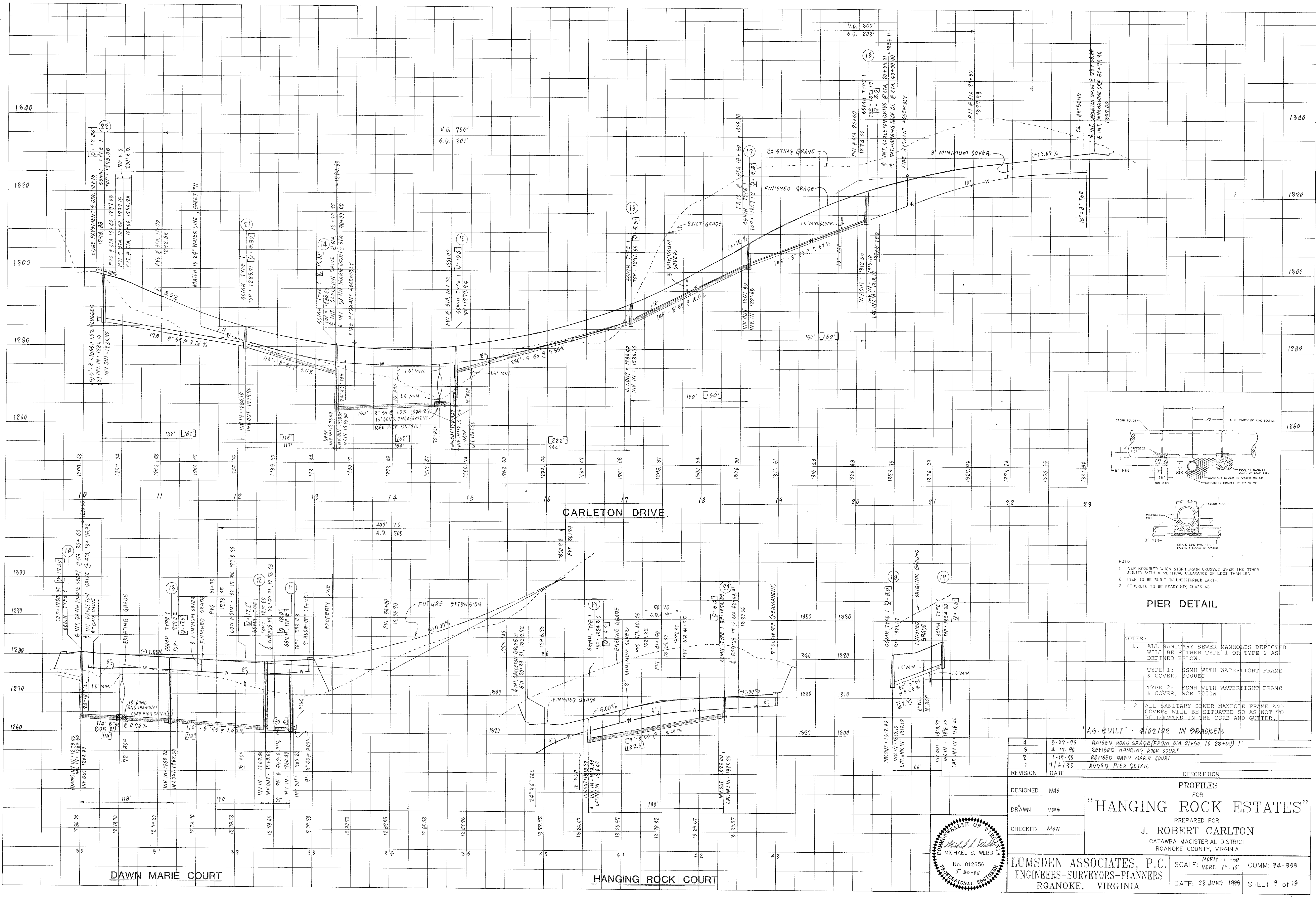




NOTE:
1. PIER REQUIRED WHEN STORM DRAIN CROSSES OVER THE OTHER UTILITY WITH A VERTICAL CLEARANCE OF LESS THAN 18".
2. PIER TO BE BUILT ON UNDISTURBED EARTH.
3. CONCRETE TO BE READY MIX CLASS A3.

PIER DETAIL

- NOTES:
- ALL SANITARY SEWER MANHOLES DEPICTED WILL BE EITHER TYPE 1 OR TYPE 2 AS DEFINED BELOW.
TYPE 1: SSMH WITH WATERFIGHT FRAME & COVER, 3000EC
TYPE 2: SSMH WITH WATERFIGHT FRAME & COVER, RCR 3000W
 - ALL SANITARY SEWER MANHOLE FRAME AND COVERS WILL BE SITUATED SO AS NOT TO BE LOCATED IN THE CURB AND GUTTER.

"A3-BUILT" 4/02/92 IN BRACKETS

REVISION	DATE	DESCRIPTION
4	5-22-96	RAISED ROAD GRADE (FROM STA. 21+50 TO 23+00) 1'
3	4-17-96	REVISED HANGING ROCK COURT
2	1-19-96	REVISED DAWN MARIE COURT
1	7/6/95	ADDED PIER DETAIL

DESIGNED WAB
DRAWN VMB
CHECKED MGN

PROFILES
FOR
"HANGING ROCK ESTATES"

PREPARED FOR:
J. ROBERT CARLTON
CATAMBA MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

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

SCALE: HORIZ. 1"=50'
VERT. 1"=10'

DATE: 23 JUNE 1995

COMM: 94-353

SHEET 9 of 18