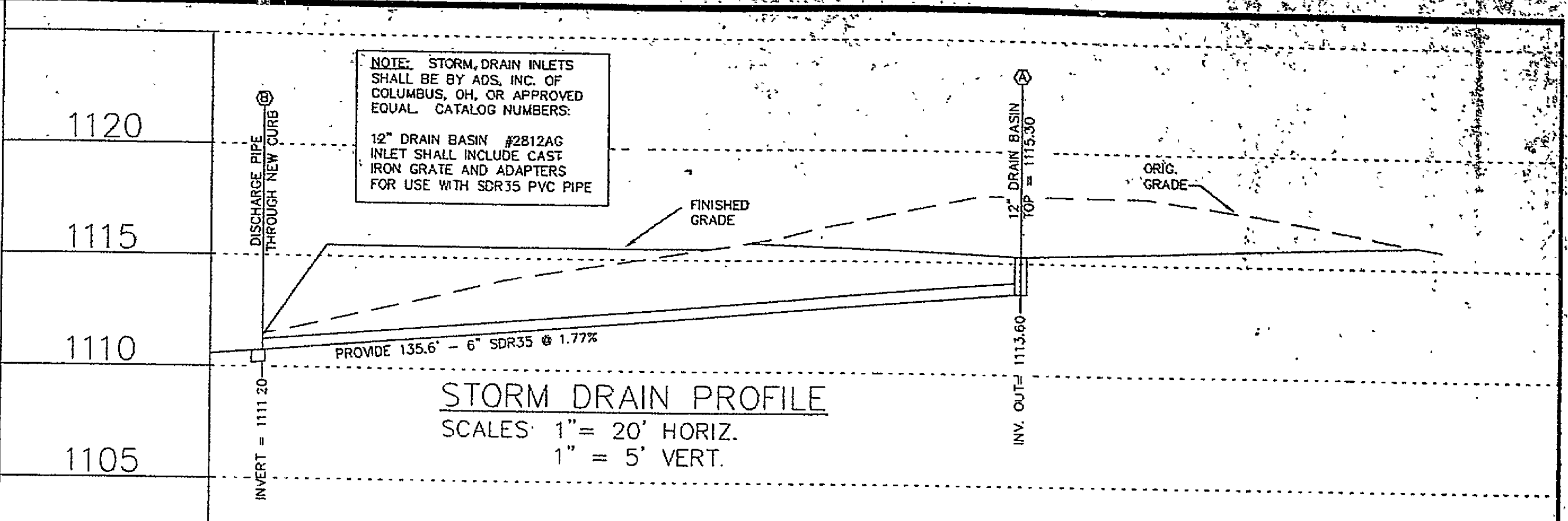
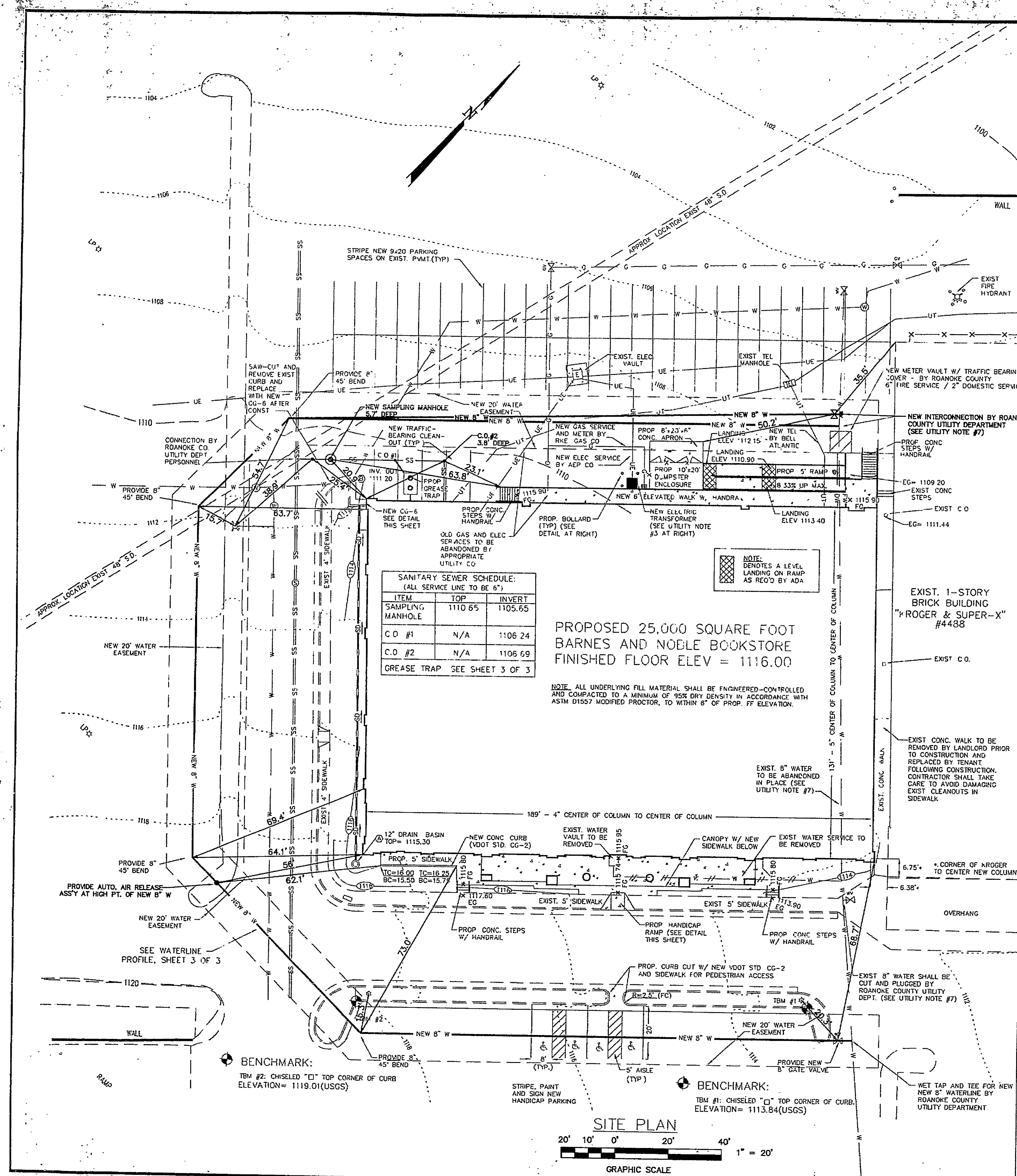
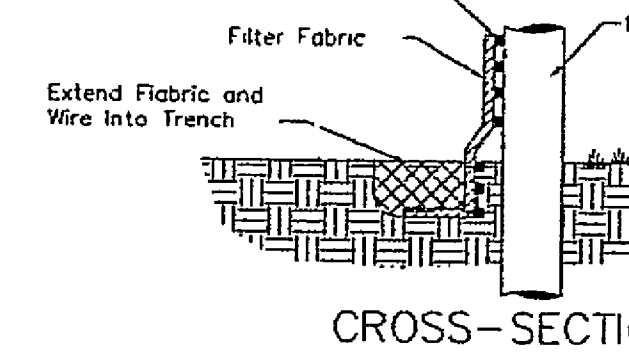
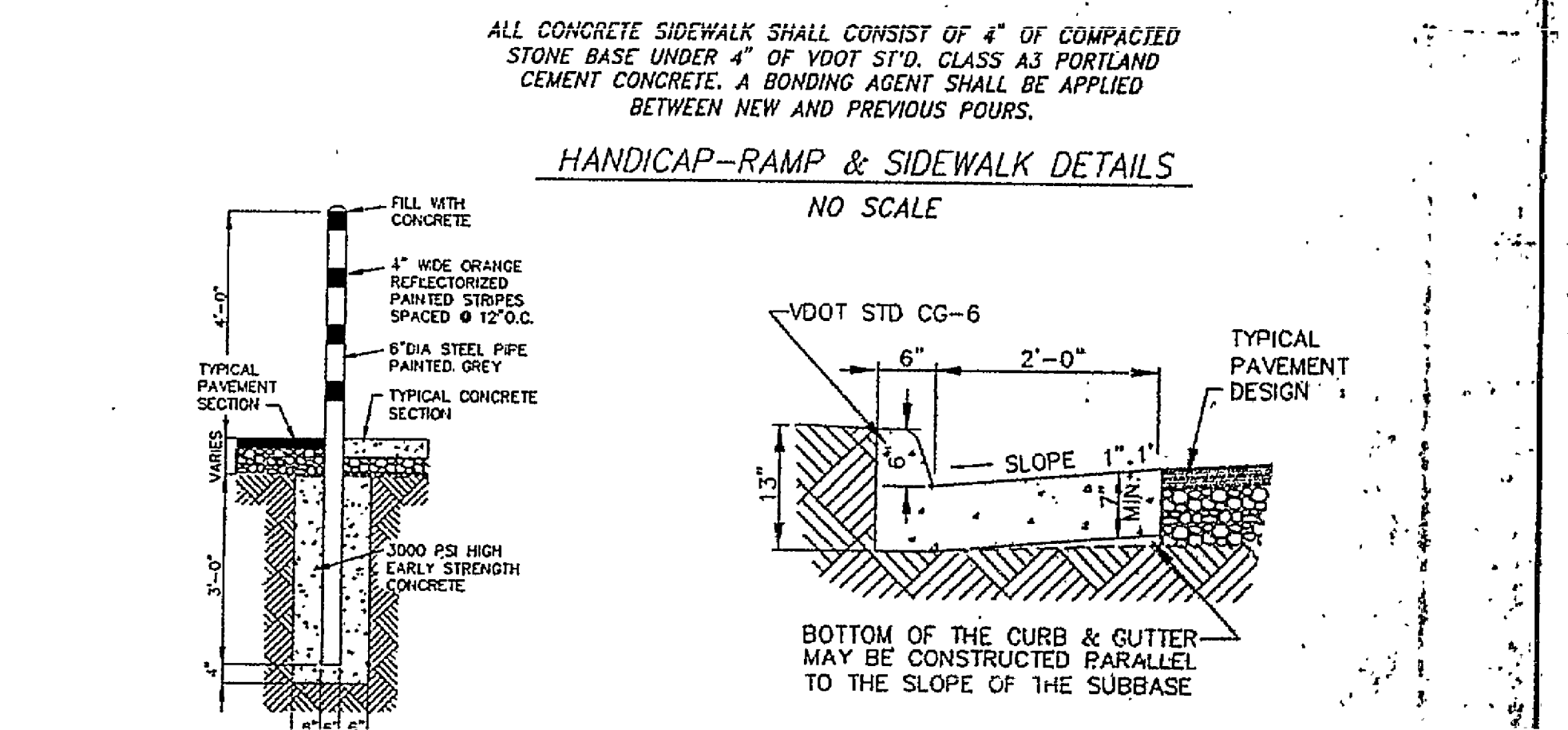
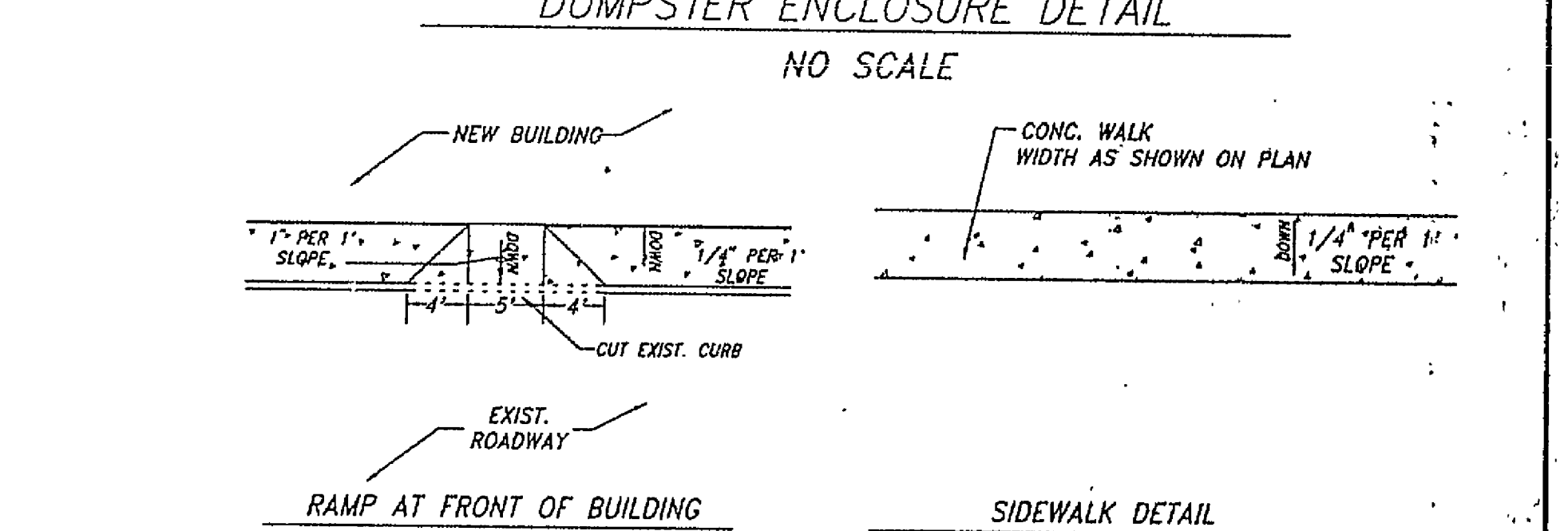
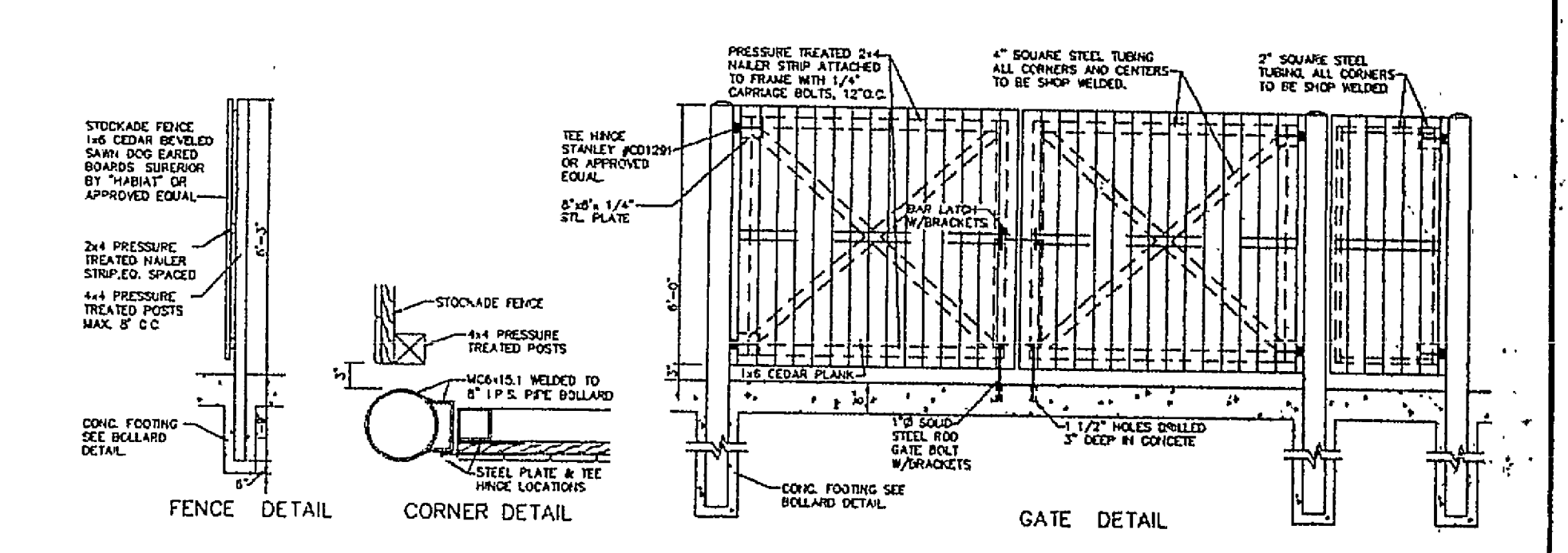




- GENERAL NOTES:**
1. ALL SITE WORK SHALL BE COORDINATED WITH THE ARCHITECTURAL PLANS.
 2. ALL SANITARY SEWER AND WATER CONSTRUCTION SHALL BE IN ACCORDANCE WITH ROANOKE COUNTY STANDARDS. UTILITY WORK SHALL BE SUBJECT TO INSPECTION BY COUNTY PERSONNEL.
 3. CONTRACTOR SHALL VERIFY LOCATION, DEPTH AND SIZE OF ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER.
 4. ALL HANDRAIL SHALL CONFORM TO THE REQUIREMENTS OF VDOT STD HR-1 AND APPLICABLE BOCA BUILDING CODE. FINISH SHALL BE COORDINATED WITH ARCHITECTURAL PLANS.
 5. UTILITY SERVICE TO KROGER AND OTHER AREA BUILDINGS SHALL BE UNINTERRUPTED DURING CONSTRUCTION.
 6. ANY PAVEMENT, CURB, GUTTER, OR SIDEWALK WHICH MUST BE REMOVED FOR CONSTRUCTION SHALL BE SAW CUT AND REPLACED WITH THE SAME TYPE AND THICKNESS OF STONE, ASPHALT, OR CONCRETE AS WAS USED IN THE ORIGINAL ITEM.
 7. CONTRACTOR SHALL PROVIDE SILT FENCE (DETAIL BELOW) DOWN SLOPE OF ALL DISTURBED AREAS TO PROTECT AGAINST EROSION AND SEDIMENTATION.
 8. CONTRACTOR SHALL TAKE WHATEVER MEASURES ARE NECESSARY TO MAINTAIN ADJACENT ROADWAYS IN A CLEAN, DUST AND MUD-FREE CONDITION.

- UTILITY NOTES:**
1. DOMESTIC WATER SERVICE SHALL BE 2" DIA MINIMUM.
 2. FIRE PROTECTION WATER SERVICE SHALL BE 6" DIA MINIMUM.
 3. SANITARY SEWER SYSTEM SHALL BE 6" AND STUBBED TO WITHIN 5' OF PREMISES. INVERT ELEVATION AT STUB SHALL BE SUFFICIENTLY DEEP SO AS TO RECEIVE ALL BUILDING SEWER FLOW BY GRAVITY WITH A MINIMUM PITCH OF 1/4" PER LINEAR FOOT FOR THE SANITARY SEWER LINE.
 4. ELECTRICAL PRIMARY POWER FEED, 1200 AMP, 480/277 VOLT, 3 PHASE, 4 WIRE.
 5. TELEPHONE SERVICE SHALL BE UNDERGROUND WITH 50 PAIR TELEPHONE CABLE, AND CONDUIT.
 6. COMPLETE 2" MIN 1800 PSI NATURAL GAS SERVICE SHALL INCLUDE METER, REGULATOR, VALVES, AND ALL PIPING.
 7. ALL CONNECTIONS TO THE PUBLIC WATER AND SEWER SHALL BE MADE BY THE ROANOKE COUNTY UTILITY DEPARTMENT.
 8. ABANDONMENT AND INTERCONNECTION OF EXIST. 8" WATER LINE SHALL BE COORDINATED WITH KEN BOONE OF THE ROANOKE COUNTY UTILITY DEPT. PHONE (540) 387-6104.



COMMONWEALTH OF VIRGINIA
JOHN T. PARKER
CERTIFICATE NO. 5447
PROFESSIONAL ENGINEER

AS-BUILT PLAN OF 8" WATERLINE AROUND BARNES & NOBLE FOR COUNTY OF ROANOKE
SITUATE TANGLEWOOD MALL
ROANOKE COUNTY, VIRGINIA

SCALE: AS SHOWN
DATE: JANUARY 13, 1999

DESIGNED BY: J.M. SCHULTZ
DRAWN BY: J.M.S.
CHECKED BY: F.B. CALDWELL, III
I.D. #: 97-0135
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TPP&S ENGINEERS SURVEYORS PLANNERS