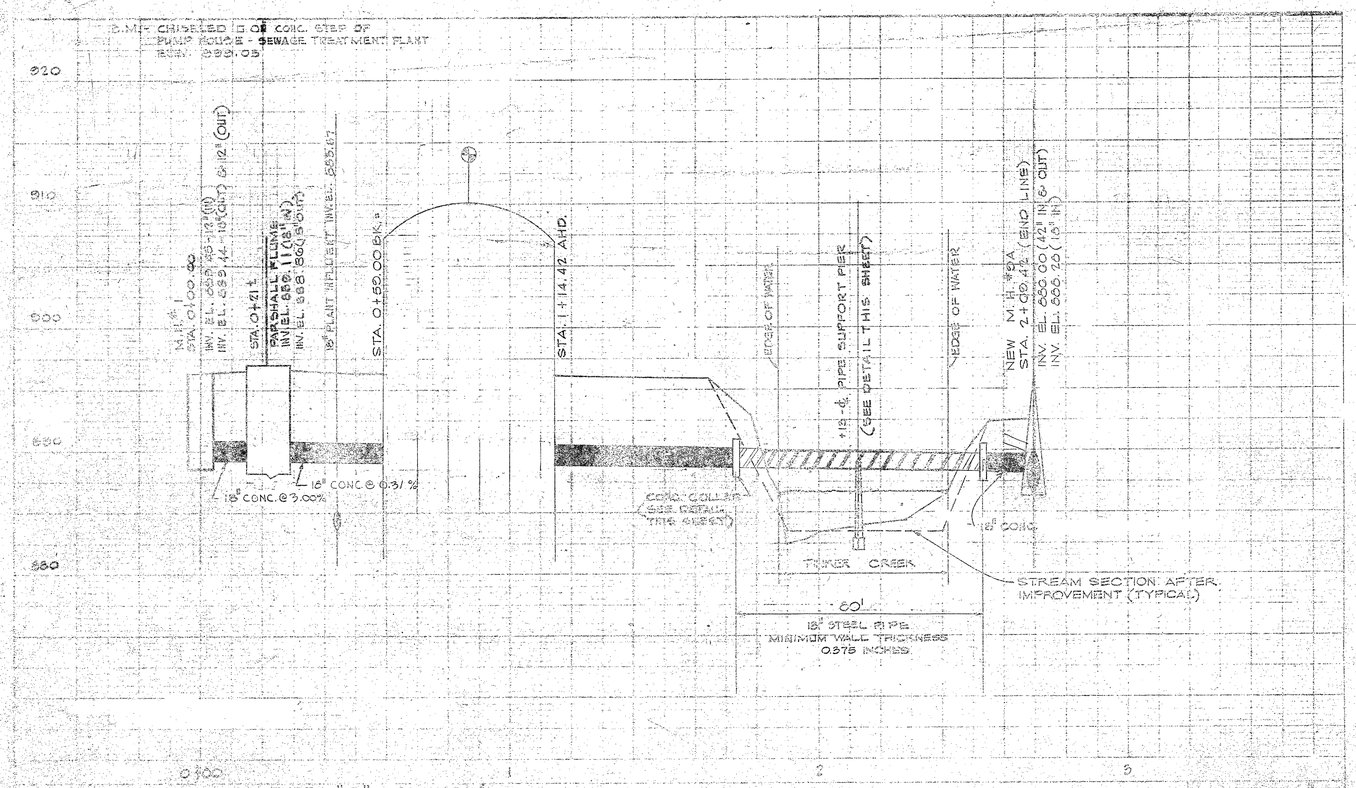
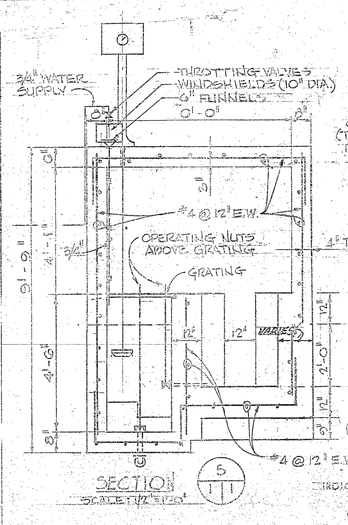
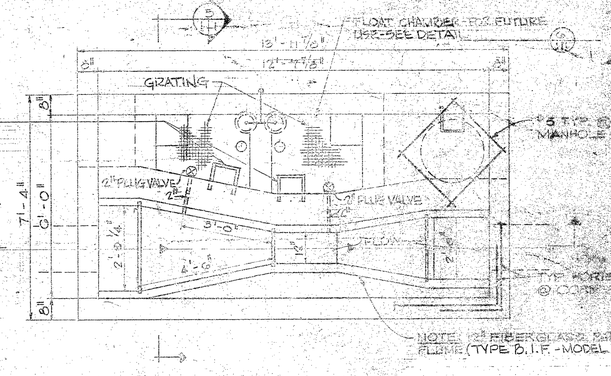
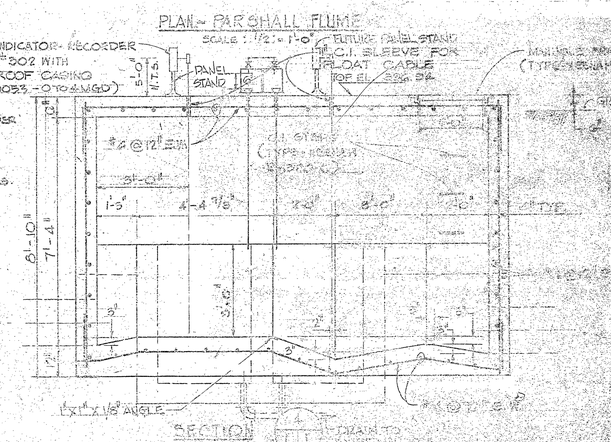
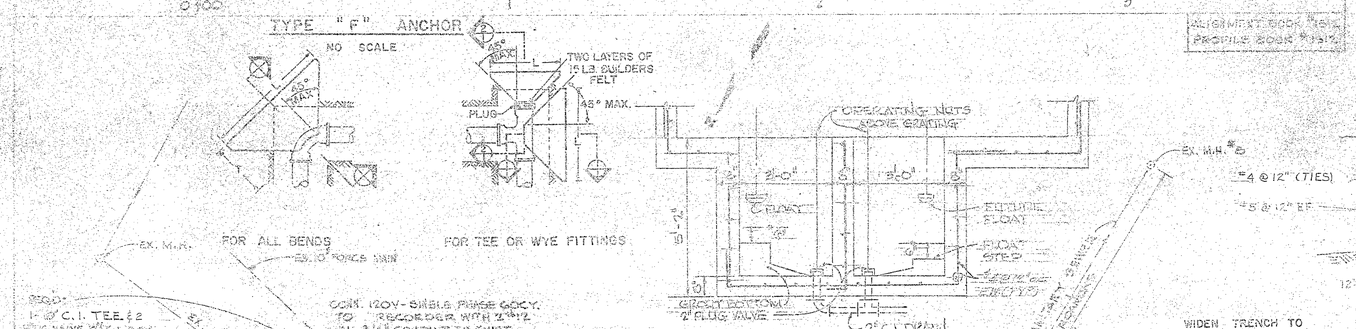



STEEL PIPE: INTERIOR SURFACE OF PIPE, FITTINGS, AND SPECIALS SHALL BE CLEANED, PRIMED AND LINED WITH COAL TAR ENAMEL. BURIED EXTERIOR SURFACE SHALL BE SIMILARLY TREATED BUT IN ADDITION SHALL BE WRAPPED WITH A BONDED ASBESTOS FELT WRAPPER AND FINISHED WITH ONE COAT OF WATER RESISTANT UNITEWASH OR A SINGLE WRAP OF KRAFT PAPER. EXPOSED STEEL SURFACE SHALL RECEIVE 2 COATS OF SYNTHETIC RED LEAD PRIMER AND ONE COAT OF ALUMINUM PAINT. MATERIALS AND APPLICATION SHALL BE IN ACCORDANCE WITH AWWA C-203 AND SECTIONS A.1.2 AND A.3.1 OF THAT SPECIFICATION APPENDIX. FIELD WELDED JOINTS SHALL BE CLEANED AND ALL SCALE REMOVED BEFORE COATING. PIPE SHALL CONFORM TO AWWA C202.




ALL CONCRETE FOR THIS WORK SHALL BE READY MIXED AND SHALL CONFORM TO ASTM C94.

1. COMPRESSIVE STRENGTH: 3,500 PSI
2. COARSE AGGREGATE SHALL BE A MINIMUM OF 1/4" TO A MAXIMUM OF 1-1/2" IN SIZE.
3. SLUMP SHALL BE 2 INCHES TO 4 INCHES.
4. AIR-ENTRAINING ADMIXTURE SHALL BE USED TO PRODUCE 4% TO 6% ENTRAINED AIR.
5. AT LEAST ONE TEST CYLINDER SHALL BE TAKEN FROM THE CONCRETE USED AT MANHOLE #1, CONCRETE VAULT AND PIPE SUPPORT PIER. TESTING WILL BE AT 28 DAYS.

CAST IRON PIPE AND FITTINGS:
PIPE SHALL BE ANSI CLASS 150 OR AWWA CLASS D UNLESS OTHERWISE SHOWN AND SHALL CONFORM TO ANSI A-21.6 (AWWA C-106), ANSI A-21.8 (AWWA C-108), OR FEDERAL SPECIFICATION WW-P-421.b. JOINTS SHALL BE BELL AND SPIGOT, MECHANICAL OR SLIP-ON, SUCH AS "BELL-TITE" OR "PITTON", UNLESS OTHERWISE INDICATED. THICKNESS CLASS SHALL BE DETERMINED ACCORDING TO ANSI A-21.1. BELL AND SPIGOT JOINTS SHALL BE USED FOR CONNECTIONS TO EXISTING PIPE ONLY.

CONCRETE PIPE: CONCRETE PIPE SHALL BE CLASS III CONFORMING TO ASTM C-76.

SEWAGE SYSTEM IMPROVEMENTS
FOR THE
TOWN OF VINTON
VINTON, VIRGINIA

WILSKY & WILSON
ENGINEERS - ARCHITECTS - PLANNERS

CERTIFICATE NO. 3994

CONTRACT 1 - SEWER

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| REV. JUN. 24, 1975 PARSHALL FLUME | REV. DEC. 5, 1973 GRAVITY SEWER | REV. JUNE 4, 1971 GRAVITY SEWER |