

ES-8. DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO AN APPROVED FILTERING DEVICE.

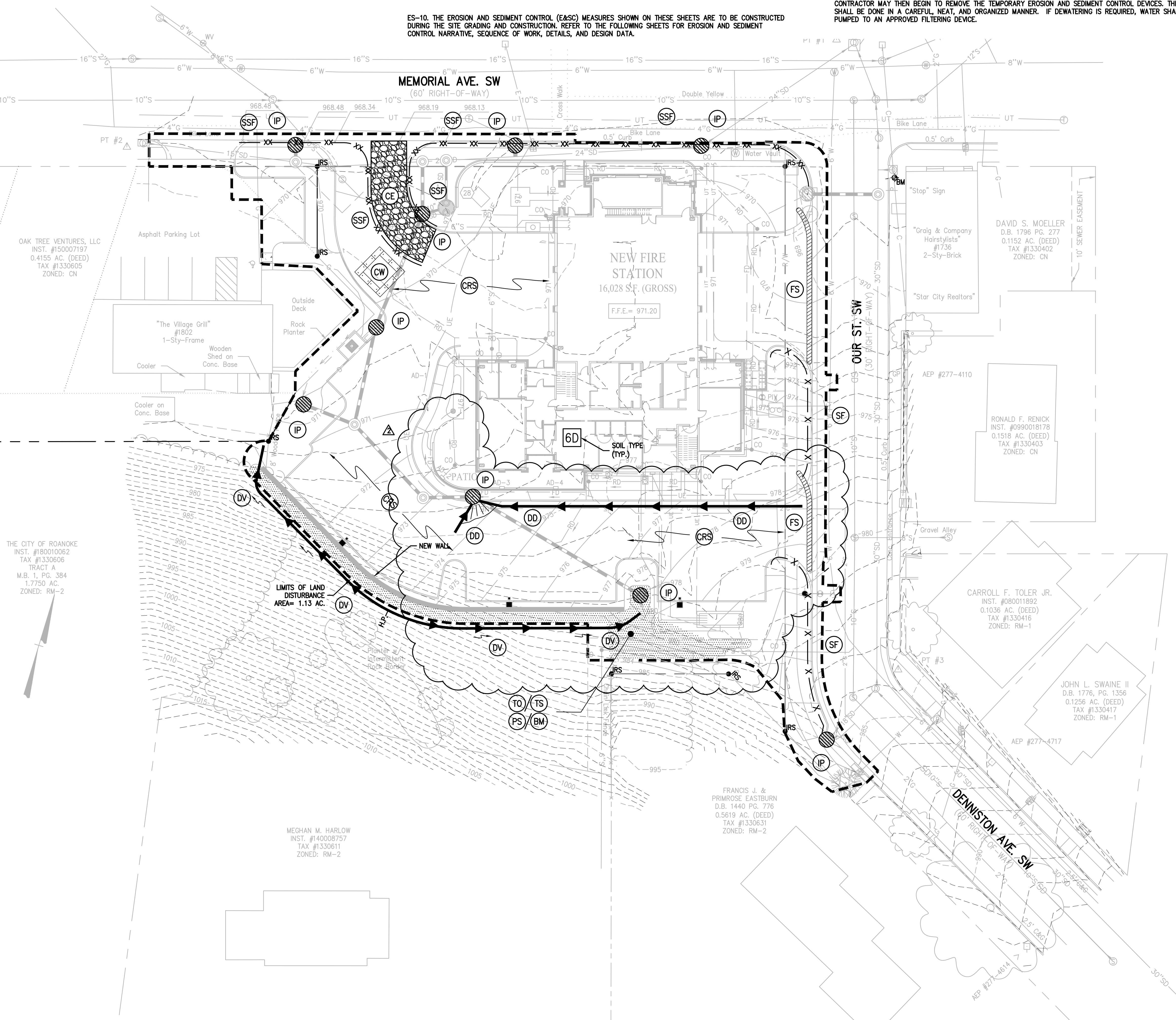
ES-9. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.

ES-10. THE EROSION AND SEDIMENT CONTROL (E&S) MEASURES SHOWN ON THESE SHEETS ARE TO BE CONSTRUCTED DURING THE SITE GRADING AND CONSTRUCTION. REFER TO THE FOLLOWING SHEETS FOR EROSION AND SEDIMENT CONTROL NARRATIVE, SEQUENCE OF WORK, DETAILS, AND DESIGN DATA.

ES-9. THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY.

ES-10. THE EROSION AND SEDIMENT CONTROL (E&SC) MEASURES SHOWN ON THESE SHEETS ARE TO BE CONSTRUCTED DURING THE SITE GRADING AND CONSTRUCTION. REFER TO THE FOLLOWING SHEETS FOR EROSION AND SEDIMENT CONTROL NARRATIVE, SEQUENCE OF WORK, DETAILS, AND DESIGN DATA.

ES-17. FOLLOWING THE COMPLETION OF SITE DEVELOPMENT CONSTRUCTION/GRADING, CONFIRMED STABILIZATION OF ALL DISTURBED AREAS, CONFIRMATION THAT EROSION OR SEDIMENTATION IS NO LONGER OCCURRING ON THE PROJECT SITE OR AT ITS BOUNDARIES, CONFIRMATION THAT DRAINAGE FLOWS ARE FUNCTIONING ACCORDING TO DESIGN, AND APPROVAL HAS BEEN GRANTED BY THE ROANOKE COUNTY EROSION AND SEDIMENT CONTROL INSPECTOR, THE CONTRACTOR MAY THEN BEGIN TO REMOVE THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES. THIS WORK SHALL BE DONE IN A CAREFUL, NEAT, AND ORGANIZED MANNER. IF DEWATERING IS REQUIRED, WATER SHALL BE PUMPED TO AN APPROVED FILTERING DEVICE.



11. **REMOVAL OF VEGETATION:**
- 11.1. **PERMANENT VEGETATION SHALL NOT BE CONSIDERED ESTABLISHED UNTIL A GROUND COVER IS ACHIEVED THAT IS UNIFORM AND MATURE ENOUGH TO SURVIVE AND INHIBIT EROSION.**
- 11.2. **THE STABILIZATION OF ALL DISTURBED SURFACES, CALL FOR FINAL INSPECTIONS.**
- 11.3. **ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, UNLESS OTHERWISE AUTHORIZED BY THE E&S INSPECTOR. TRAPPED SEDIMENT AND THE DISTURBED SOIL AREAS RESULTING FROM THE REMOVAL OF TEMPORARY MEASURES SHALL BE PERMANENTLY STABILIZED TO PREVENT FURTHER EROSION AND SEDIMENTATION. IF Dewatering is required, WATER SHALL BE PUMPED TO AN APPROVED FILLING DEVICE.**

**RR** RIPRAP (STD. 3.19)

**CE** TEMPORARY STONE CONSTRUCTION ENTRANCE (STD. 3.02) MS-17

**SSF** SUPER SILT FENCE (WITH WIRE SUPPORT) (STD. 3.05-2) MS-4

**FS** FILTER SOCK

**DD** TEMPORARY DIVERSION DIKE (STD. 3.09)

**IP** TEMPORARY INLET PROTECTION (STD. 3.07) MS-10

**TS** TEMPORARY SEEDING (STD. 3.31) MS-1 & MS-3

**RWD** TEMPORARY RIGHT-OF-WAY DIVERSION (STD. 3.11)

**TO** TOPSOILING (STD. 3.30)

**PS** PERMANENT SEEDING MIXTURE (STD. 3.32) MS-1 & MS-3

**CRS** CONSTRUCTION ROAD STABILIZATION (STD. 3.03)

**DV** DIVERSION (TD. 3.12)

**MU** MULCHING (STD. 3.35)

**BM** SOIL STABILIZATION BLANKETS & MATTING (STD. 3.36)

**DR** DRAINAGE DIVIDE

**LD** LIMITS OF LAND DISTURBANCE

**SCALE** 0' 10' 20'

**CITY PLAN NO.: CP19-0003**

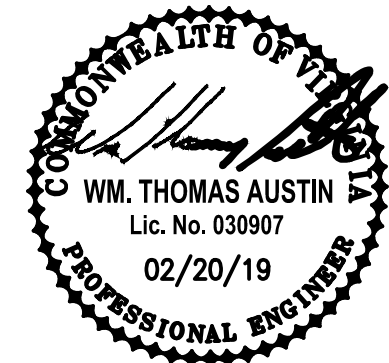
CITY PLAN NO.: CP19-0003

SCALE: 1" = 20'

**Mattern & Craig**  
ENGINEERS/SURVEYORS

701 FIRST STREET, S.W.  
ROANOKE, VIRGINIA 24016  
(540) 345-9342  
FAX (540) 345-7691

GENERAL NOTES



BID SET

COMM. NO. 17503.00	DATE FEBRUARY 20, 2019
-----------------------	---------------------------

## C7.2