

NOTE: ALL NEW PIPING FROM CONNECTION TO CONNECTION (OR ADAPTER TO ADAPTER) SHALL BE WITH CONTINUOUS SECTIONS OF PIPE. NO JOINTS ARE ALLOWED OTHER THAN AT THE INDICATED 45° BENDS.

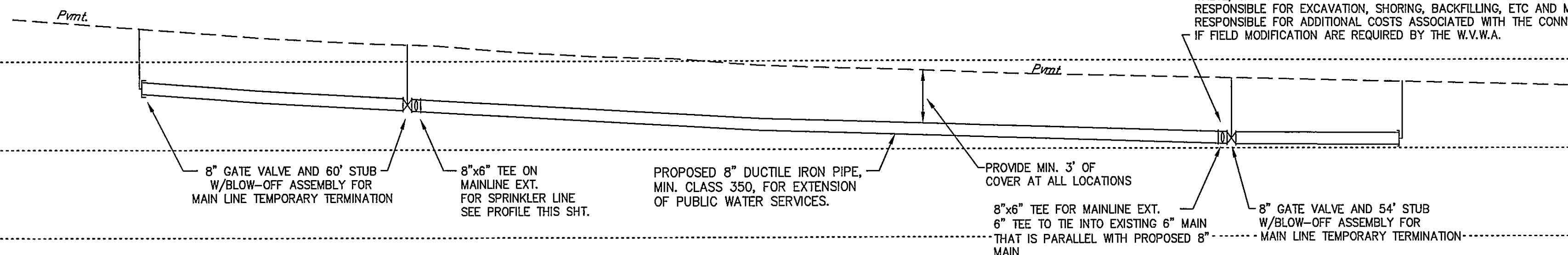
NOTE: APPROVED M.J. GLAND RESTRAINT (i.e. MEGALUGS, GRIP RINGS OR UNI-FLANGE) SHALL BE USED IN LIEU OF CONC. THRUST BLOCKS.

VERTICAL REALIGNMENT OF WATER MAINS

NO SCALE

OFF-SITE EXTENSION (RTE 419)

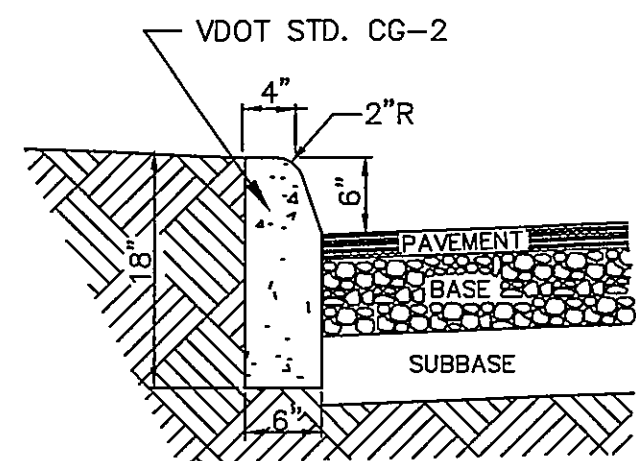
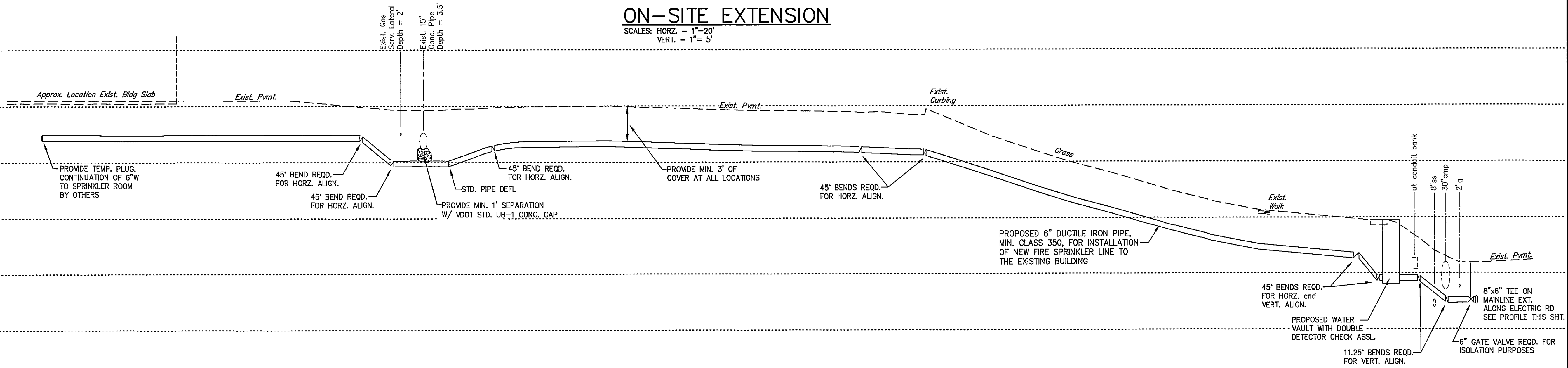
SCALES: HORZ. - 1"=20'
VERT. - 1"= 5'



REFER TO PLAN FOR ADDITIONAL VISUAL REPRESENTATION
Location of exist. 6" watermain. Type of terminus is unknown, THEREFORE THE CONTRACTOR SHALL BE RESPONSIBLE FOR A 6" WET TAP. CONTRACTOR SHALL FURNISH AND INSTALL TAPPING SLEEVE AND VALVE, TAP TO BE MADE BY W.V.W.A. CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATION, SHORING, BACKFILLING, ETC AND MAY BE RESPONSIBLE FOR ADDITIONAL COSTS ASSOCIATED WITH THE CONNECTION IF FIELD MODIFICATION ARE REQUIRED BY THE W.V.W.A.

ON-SITE EXTENSION

SCALES: HORZ. - 1"=20'
VERT. - 1"= 5'



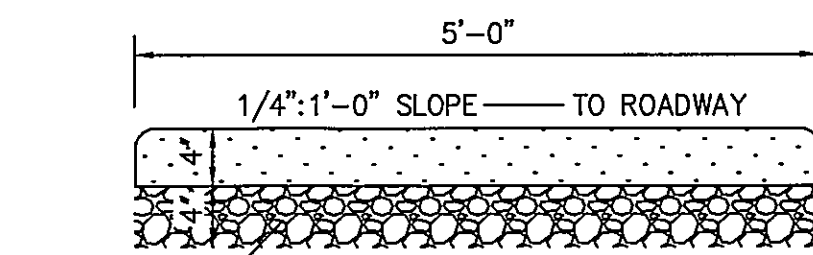
THE DEPTH OF CURB MAY BE REDUCED AS MUCH AS 3" (15" DEPTH) OR INCREASED AS MUCH AS 3" (21" DEPTH) IN ORDER THAT THE BOTTOM OF CURB WILL COINCIDE WITH THE TOP OF A COURSE OF THE PAVEMENT

CONCRETE CURB

NO SCALE

STANDARD CONCRETE PEDESTRIAN SIDEWALK NOTES

1. ALL CONCRETE SHALL BE CLASS A, 3000 PSI
2. SPACING FOR EXPANSION JOINTS SHALL BE AT MAXIMUM 50' INTERVALS
3. SIDEWALK FINISH: SIDEWALK SHALL BE FIRST SMOOTH TROWELED, THEN ENDING WITH A LIGHT BROOM FINISH, UNLESS OTHERWISE NOTED.
4. WHEN SIDEWALK ABUTS A CURBING OR A PREVIOUS CONCRETE POUR, A 1/2" PREMOLED EXPANSION JOINT IS TO BE USED.
5. CURING SHALL BE ACCOMPLISHED BY THE USE OF A LIQUID MEMBRANE SEAL CONTAINING WHITE PIGMENT, APPLIED AT THE RATE OF ONE (1) GALLON PER 150 SQUARE FEET.

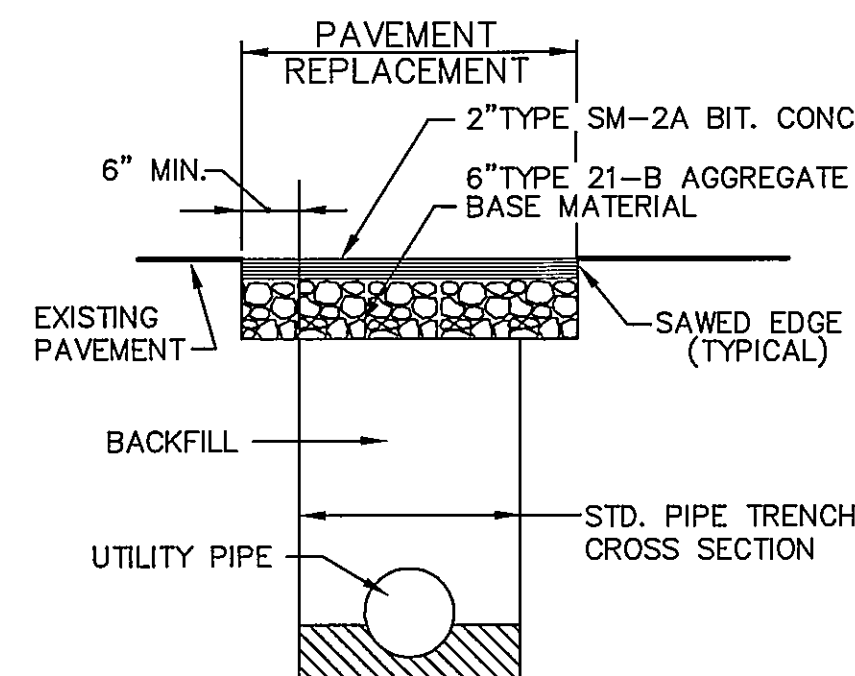


SECTION A-A

NO SCALE

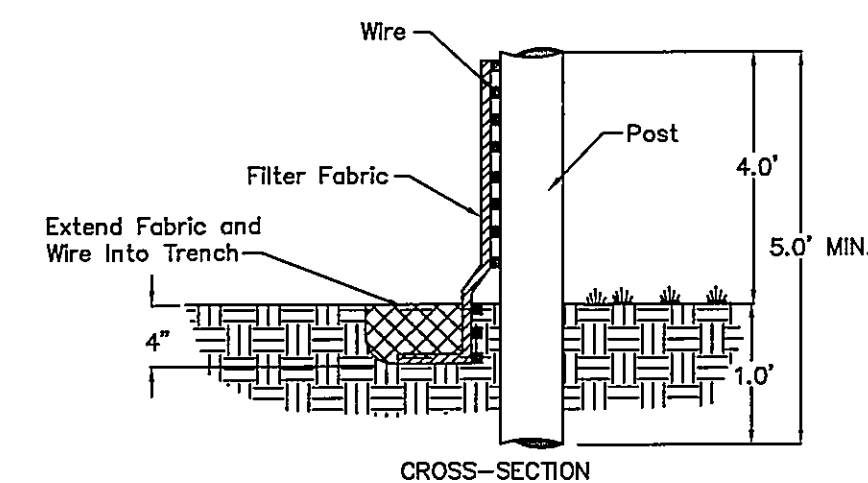
CONCRETE WALK

NO SCALE



ON-SITE PVMT. REPLACEMENT

NO SCALE



SILT FENCE

NO SCALE

SOIL EROSION NOTES

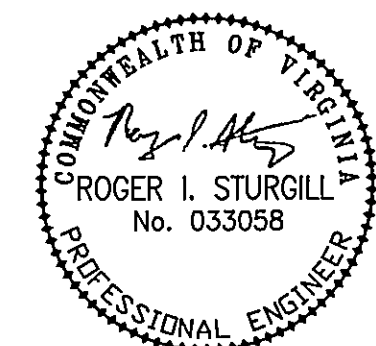
THE PURPOSE OF THIS PLAN IS TO CONSTRUCT A NEW 8" WATERMAIN ALONG ELECTRIC ROAD AND A 6" SPRINKLER LINE WITHIN THE SUBJECT PROPERTY TO SERVE THE EXISTING BUILDING AND TENANTS.

DUE TO THE QUANTITY OF WORK LOCATED IN EXISTING ASPHALT SURFACES (2400 SF) AND THE QUANTITY OF WORK LOCATED IN AN EXISTING VEGETATED STRIP (1600 SF); A LAND DISTURBING PERMIT WILL NOT BE REQUIRED AS INDICATED BY THE DEFINITION OF A "LAND-DISTURBING ACTIVITY" BY THE VIRGINIA EROSION AND SEDIMENT CONTROL LAW AND REGULATIONS, LATEST EDITION.

SILT FENCE WILL BE PROVIDED ALONG THE LOWER SUPPORTING AREA OF THE PROPOSED WORK LOCATED IN THE VEGETATED AREAS TO INSURE THAT DEPOSITION OF SEDIMENT OFF THE SITE DOES NOT OCCUR.

A DEWATERING STRUCTURE IN ACCORDANCE WITH VESCH STD. 3.26 MAY BE REQUIRED IF THE PROPOSED PROJECT IS CONSTRUCTED DURING "WET" WEATHER WHICH WOULD REQUIRE THAT THE PROPOSED UTILITY TRENCHES BE DEWATERED PRIOR TO INSTALLATION OF BACKFILL MATERIAL.

EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE MAINTAINED SO THAT ANY SEDIMENT CARRYING RUNOFF FROM THE SITE WILL NOT ENTER STORM DRAINAGE FACILITIES OR ADJOINING PROPERTIES AND RIGHTS-OF-WAY.



PLANNERS • ARCHITECTS
ENGINEERS • SURVEYORS

1208 Corporate Circle
Roanoke, Virginia 24018
Phone: 540/772-9580
FAX: 540/772-8050

801 Branchway Road
Richmond, Virginia 23236
Phone: 804/794-0571
FAX: 804/794-2635

880 Technology Park Drive
Suite 200
Glen Allen, Virginia 23059
Phone: 804/553-0133
FAX: 804/553-0133

448 Peppers Ferry Road, NW
Christiansburg, Virginia 24073
Phone: 540/381-4280
FAX: 540/381-4291

1557 Commerce Road
Suite 201
Verona, Virginia 24482
Phone: 540/248-3220
FAX: 540/248-3221

MADISON SQUARE
WATERLINE PROFILES
and SITE DETAILS
ROANOKE COUNTY, VIRGINIA

DRAWN BY: JVJ
DESIGNED BY: JVJ
CHECKED BY: SMH
DATE: 08/22/2007
SCALE: 1"=20'
REVISED: 10/09/2007
PER Rke. County &
VDOT 1st REVIEW

SHEET NO.

C-3

JOB NO.
R0700204.00