

SITE DATA

OWNER: Dinwiddie County
13850 Courthouse Road
Dinwiddie, Virginia 23841
CONTACT: DENNIS HALE, CHIEF OF FIRE & EMS
PHONE # 804-469-5388
FAX# 804-469-7663
DHale@dinwiddieva.us

DEVELOPER: Dinwiddie County
13850 Courthouse Road
Dinwiddie, Virginia 23841
CONTACT: DENNIS HALE, CHIEF OF FIRE & EMS
PHONE # 804-469-5388
FAX# 804-469-7663
DHale@dinwiddieva.us

ENGINEER: DJG, INC.
449 McLaws Circle
Williamsburg, Virginia 23185
CONTACT: DARREN CURTIS, PLA
PHONE#: 757-253-0673
FAX#: 757-253-2319
DCurtis@djginc.com

ADDRESS / LOCATION: 10507 DOYLE BLVD.
MCKENNEY, VIRGINIA 23872

TAX MAP #(S): 80A1-4-34D

ZONING: C1

USE: FIRE STATION

ACREAGE:
TOTAL SITE: 2.59 AC
TOTAL DISTURBED: 5,350 SF
TOTAL IMPERVIOUS: UNCHANGED
AREA OF PAVED PARKING: UNCHANGED

PREVIOUS APPROVAL:
ADMINISTRATIVE #: N/A
ZONING CASE #: N/A
VARIANCE (BZA) CASE #: N/A
CONDITIONAL USE CASE #: N/A

UTILITIES:
COUNTY WATER YES NO WELL YES NO
COUNTY SEWER YES NO SEPTIC YES NO

TOPOGRAPHICAL INFORMATION:
SURVEYED BY: DJG, INC.
DATE OF SURVEY: 10-03-2019
DATUM: ASSUMED

FLOOD PLAIN:
100 YR. FEMA FLOOD PLAIN: YES NO
FLOOD ZONE: X
FIRM MAP #: 51053C0375B
DATE: 06/16/2001

SETBACKS

FRONT YARD SETBACK: ---
SIDE YARD SETBACKS: RIGHT: --- LEFT: ---
REAR YARD SETBACK: ---
OTHER: ---

COMMERCIAL

PARKING SCHEDULE:
REQUIRED YES NO
# SPACES REQUIRED: N/A
BASIS FOR PARKING CALCULATIONS:
# SPACES PROVIDED: N/A
# HANDICAP SPACES REQUIRED: N/A
# HANDICAP SPACES PROVIDED: N/A
# VAN ACCESSIBLE: N/A

BUILDING INFORMATION:
NUMBER OF BUILDINGS: N/A
SQ. FT OF BUILDING(S): N/A
NUMBER OF STORIES: N/A
NUMBER OF UNITS: N/A
CONSTRUCTION TYPE: N/A
SPRINKLER: YES NO
USE GROUP(S): N/A

COUNTY NUMBER
100115

RESIDENTIAL

NUMBER OF LOTS: 1
ACREAGE
ACREAGE IN RIGHT OF WAY: ---
ACREAGE IN COMMON AREA: ---
ACREAGE IN LOTS: ---

ENVIRONMENTAL INFORMATION

WETLANDS / W.O.U.S.
WETLANDS PRESENT ONSITE: YES NO
W.O.U.S. PRESENT ONSITE: YES NO
PERENNIAL STREAMS PRESENT ONSITE: YES NO
ANY WETLAND / W.O.U.S. IMPACTS: YES NO
AC. / L.F. OF IMPACTS: N/A

SOILS:
HIGHLY ERODIBLE SOILS ONSITE: YES NO
ANY STEEP SLOPES ONSITE: YES NO
HIGHLY PERMEABLE SOILS ONSITE: YES NO

ENGINEER'S CERTIFICATION

ALL INFORMATION CONTAINED HEREIN IS TRUE AND COMPLETE TO THE BEST OF MY KNOWLEDGE. THIS PLAN SATISFIES ALL ZONING CODE REQUIREMENTS, ENVIRONMENTAL CONDITIONS, FIRE AND SAFETY REGULATIONS, VDOT REQUIREMENTS, WATER AUTHORITY REQUIREMENTS, CONDITIONS OF APPROVAL, PROFFERS, ETC.

DARREN CURTIS, PLA
NAME (PRINT)
SIGNATURE
7-06-2020
DATE

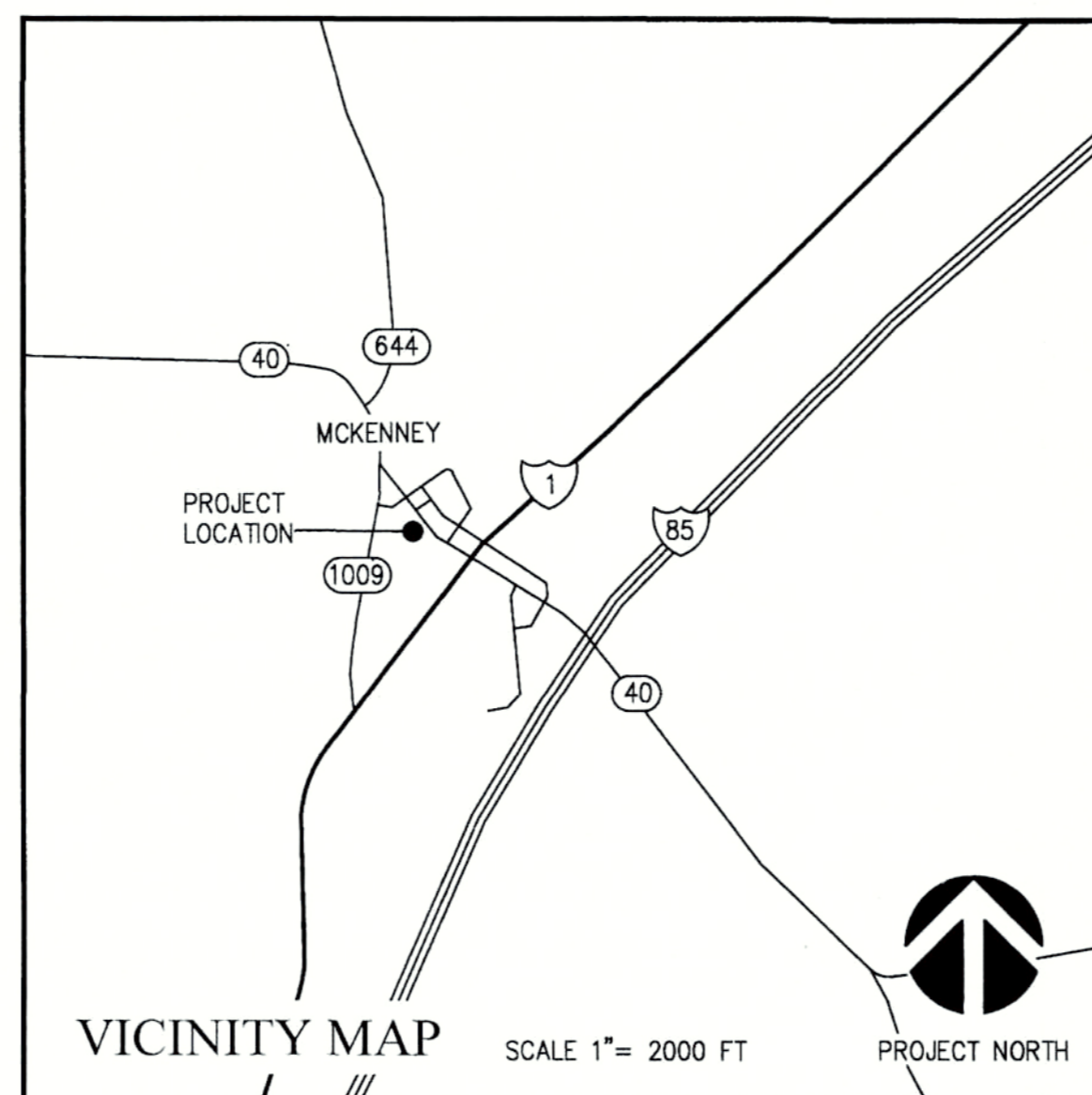
SHEET INDEX

Table with 2 columns: TITLE, SHEET #. Includes entries for TITLE SHEET, DEMOLITION, E&S AND SITE PLAN, CONSTRUCTION DETAILS AND NOTES, EROSION & SEDIMENT CONTROL NOTES & DETAILS, and multiple blank rows.

THIS SHEET IS NOT TO BE MODIFIED

MCKENNEY FIRE STATION
APRON REPLACEMENT
MAGISTERIAL DISTRICT #4

DINWIDDIE COUNTY, VIRGINIA



SUBMITTAL DATE: 7-06-2020



ENGINEERS
ARCHITECTS
PLANNERS

DIRECTOR OF PLANNING

MARK BASSETT, AICP

APPROVED FOR CONSTRUCTION

DIRECTOR OF PLANNING & ZONING

Signature of Environmental Administrator

FIRE & EMS / EMERGENCY MANAGEMENT

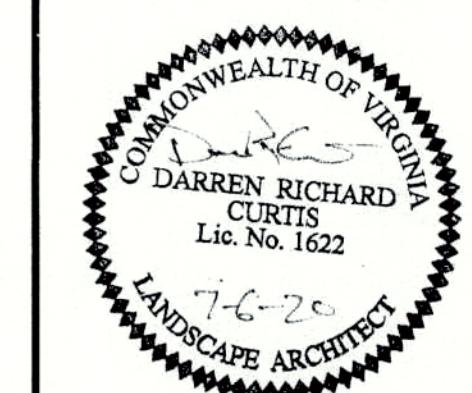
Signature of Virginia Department of Transportation

DINWIDDIE COUNTY WATER AUTHORITY

TOWN OF MCKENNEY REPRESENTATIVE

449 McLAWS CIRCLE
WILLIAMSBURG, VA 23185
(757) 253-0673 VOICE
(757) 253-2319 FAX

www.djginc.com



DINWIDDIE COUNTY

APPROVAL STAMP

APPROVED

APPROVAL DATE

JUL 27 2020

NOTE: APPROVAL IS VALID FOR 5 YEARS OF THE APPROVAL DATE.

MISS UTILITY OF VIRGINIA

DATE RECEIVED

RECEIVED
JUL 10 2020

CALL BEFORE YOU DIG
811

INITIAL
SPE

CONTACTS

PLANNING: MARK BASSETT, AICP, P.O. DRAWER 70, DINWIDDIE, VA, 23841
FIRE & EMS: NICK SHEFFIELD, P.O. DRAWER 70, DINWIDDIE, VA, 23841
ENVIRONMENTAL: STEPHEN EDWARDS, QCIS, QPSWPPP, P.O. DRAWER 70, DINWIDDIE, VA, 23841
DCWA: ROBERT WILSON, P.E., 23008 AIRPARK DRIVE, DINWIDDIE, VA, 23803
BUILDING INSPECTIONS: JERRY PERKINSON, P.O. DRAWER 70, DINWIDDIE, VA, 23841
VDOT: PAUL HINSON, P.E., 4608 BOYDTON PLANK ROAD, PETERSBURG, VA, 23803

REVISIONS

Table with 2 columns: REASON FOR REVISION, DATE. Multiple empty rows.

REVISIONS

Table with 2 columns: DATE, DESCRIPTION. Multiple empty rows.

COMMISSION NUMBER
2200200

SCALE: AS NOTED
DESIGNED: MEC
DRAWN: MEC
CHECKED: DRC/DFB
DATE: 7/06/2020

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SHEET TITLE

TITLE SHEET

SHEET NUMBER
G-001

1 OF 4

## SURVEY NOTES:

1. THE TOPOGRAPHIC SURVEY SHOWN IS BASED ON A FIELD SURVEY BY DJG, INC. PERFORMED ON OCTOBER 3, 2019.
2. BENCHMARK IS LOCATED AT THE CORNER OF THE CURB DROP INLET STRUCTURE AND IS MARKED WITH "X", ELEV. = 300.00

## DEMOLITION AND EROSION & SEDIMENT CONTROL NOTES:

1. DEMOLITION SHALL NOT BEGIN UNTIL WRITTEN AUTHORIZATION IS RECEIVED FROM THE OWNER, AND CONTRACTOR HAS OBTAINED ALL REQUIRED PERMITS FROM LOCAL, STATE, AND FEDERAL AGENCIES.
2. CONTRACTOR SHALL PROVIDE ON-SITE, APPROVED AND ADEQUATE EQUIPMENT AND WARNING SIGNS. SAFETY BARRIERS SHALL BE INSTALLED TO PROTECT WORKERS AND THE GENERAL PUBLIC. THE CONTRACTOR IS RESPONSIBLE FOR SITE SAFETY, AND SHALL COMPLY WITH ALL APPLICABLE SAFETY RULES AND REGULATIONS OF OSHA, VOSH, AND OTHER AGENCIES HAVING JURISDICTION OVER THE WORK, INCLUDING BUT NOT LIMITED TO THE "VIRGINIA WORK AREA PROTECTION MANUAL" AND THE "VIRGINIA OVERHEAD HIGH VOLTAGE SAFETY LINE ACT". ACCESS TO OPEN EXCAVATIONS WHEN THE SITE IS UNATTENDED IS PROHIBITED.
3. CONTRACTOR SHALL PROVIDE TRAFFIC CONTROL AND MAINTAIN ACCESS TO THE FIRE STATION DURING ALL PHASES OF CONSTRUCTION. ALL LANE CLOSURES SHALL BE PER THE MUTCD AND THE VIRGINIA WORK AREA PROTECTION MANUAL.
4. THIS PLAN MAY NOT SHOW ALL LOCATIONS OF ALL EXISTING UTILITIES ON THE SITE. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION AND EXISTENCE OF ALL UTILITIES AND IMPROVEMENTS WITHIN THE LIMITS OF WORK. CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES PRIOR TO BEGINNING OF WORK. BEFORE BEGINNING OF WORK CONTRACTOR SHALL HAVE ALL SUBSURFACE UTILITIES MARKED BY A MISS UTILITY.
5. CONTRACTOR SHALL PROVIDE ALL APPLICABLE EROSION AND SEDIMENT CONTROL MEASURE DEVICES PRIOR TO BEGINNING DEMOLITION OPERATIONS.
6. DEMOLITION PLAN DOES NOT GUARANTEE THE ACCURACY OR QUANTITIES OF THE DEMOLISHED ITEMS.
7. ASPHALT SURFACES SHALL BE SAW CUT RETAINING STRAIGHT EDGE. SHOULD THE EDGE BECOME JAGGED OR UNEVEN CONTRACTOR WILL BE REQUIRED TO PROVIDE STRAIGHT SAW CUT A MINIMUM OF 12 INCHES FROM THE JAGGED/UNEVEN PAVEMENT EDGE ALONG THE ENTIRE LIMITS OF ADJACENT PAVEMENT. REPLACEMENT AND REPAIR OF PAVEMENT ITEMS SHALL BE CONSTRUCTED TO MATCH EXISTING CROSS SECTION, FINISH, COLOR AND GRADES AND SHALL PROVIDE SMOOTH TRANSITION TO PROPOSED GRADES. SAW CUTS SHALL NOT OVERLAP OR EXTEND BEYOND THE MATERIAL TO BE REMOVED.
8. CONCRETE PAVEMENT SHALL BE REMOVED TO THE NEAREST JOINT.
9. TITLE TO ALL MATERIALS AND EQUIPMENT TO BE DEMOLISHED IS VESTED IN THE CONTRACTOR UPON RECEIVING NOTICE TO PROCEED. THE OWNER WILL NOT BE RESPONSIBLE FOR THE CONDITION, LOSS OR DAMAGE TO SUCH PROPERTY AFTER NOTICE TO PROCEED.
10. ALL WASTE MATERIALS SHALL BE REMOVED FROM THE SITE DAILY IN A MANNER WHICH PREVENT INJURY OR DAMAGE TO PERSONS OR PROPERTY. RECYCLING OF DEMOLITION DEBRIS SHALL BE THE PRIMARY DISPOSAL METHOD. CONTRACTOR SHALL LEGALLY DISPOSE OF DESIGNATED DEMOLITION DEBRIS FROM THE SITE TO AN EPA APPROVED LANDFILL.
11. ADJOINING PROPERTY, ROADWAYS AND OTHER ADJACENT ITEMS SHALL BE COMPLETELY PROTECTED FROM DAMAGE BY DEMOLITION ACTIVITIES, AND IF DAMAGED IN ANY MANNER, SHALL BE RESTORED TO ORIGINAL CONDITION AT CONTRACTOR'S EXPENSE.
12. CONTRACTOR SHALL USE ALL LEGAL MEANS NECESSARY TO PREVENT THE SPREAD OF DUST OR OTHER HARMFUL AGENTS CAUSED BY DEMOLITION.
13. CONTRACTOR SHALL OBTAIN VDOT LANE CLOSURE ADVISORY MANAGEMENT SYSTEM (LCAMS) APPROVAL 1 WEEK PRIOR TO IMPLEMENTING ANY SHOULDER OR LANE CLOSURE.
14. SHOULDER CLOSURE/WORK IN THE ROAD RIGHT OF WAY SHALL BE PERFORMED FROM 9:00 AM TO 3:30 PM, MONDAY THRU FRIDAY.

## SITE PLAN NOTES:

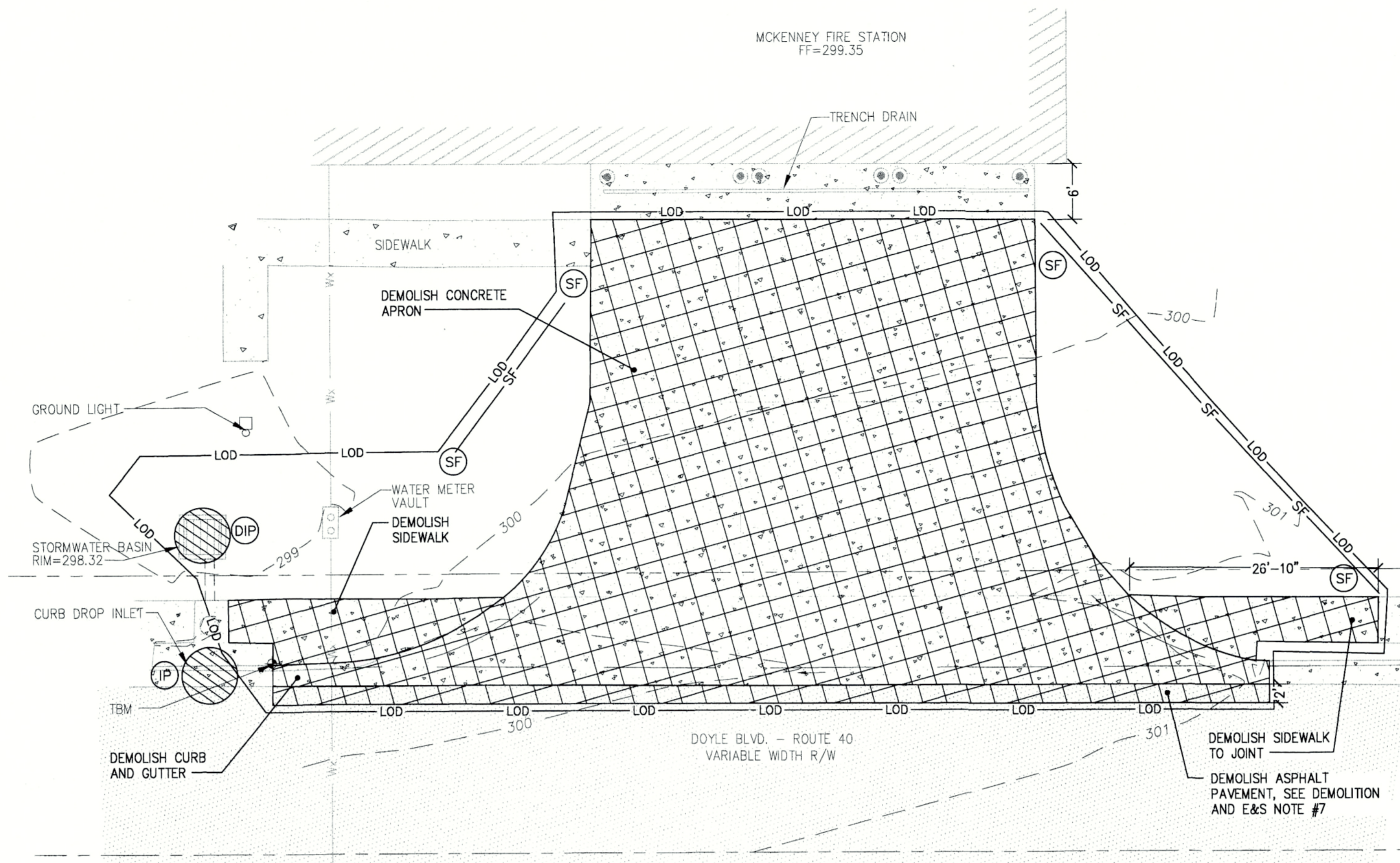
1. MATCH ELEVATION OF EXISTING CONCRETE ALONG ENTIRE PERIMETER OF NEW PAVEMENT UNLESS OTHERWISE NOTED.
2. PROVIDE 4" TOPSOIL AND TURF 90% TALL FESCUE VARIETIES AND 10% KENTUCKY BLUEGRASS VARIETIES. REFER TO VESCH STANDARD SECTION 3.32 FOR APPROPRIATE STANDARDS AND CRITERIA. PROVIDE STRAW MULCH.
3. ONCE EXPOSED, THE EXISTING SUBGRADE SHALL BE EVALUATED ON SITE BY A GEOTECHNICAL ENGINEER. ALL SUBGRADE SOILS DETERMINED TO BE UNSTABLE BY THE GEOTECHNICAL ENGINEER SHALL BE UNDERCUT TO STABLE MATERIAL. SEE GEOTECHNICAL REPORT IN PROJECT MANUAL.
4. APPLY COLD PAVEMENT JOINT SEALANT BETWEEN ALL CONCRETE PAVEMENT AND ASPHALT PAVEMENT JOINTS. APPLY TO FACE OF CONCRETE AND THEN PAVE HOT MIX ASPHALT AGAINST CONCRETE PER MANUFACTURER'S RECOMMENDATIONS.

## SITE PLAN KEY NOTES:

1. PROVIDE SOIL FILL TO TOP OF WATER METER VAULT.
2. FILL SINKHOLE AT CATCH BASIN WITH FLOWABLE FILL TO WITHIN 1' OF THE TOP OF CATCH BASIN. PROVIDE TOPSOIL TO THE RIM OF THE STRUCTURE AND REGRADE AREA TO DRAIN TO EXISTING STRUCTURE.
3. SEAL ALL PIPE CONNECTIONS WATERTIGHT WITH GROUT WITHIN STORMWATER STRUCTURE.
4. CG-6 CURB AND GUTTER. CONNECT PROPOSED CURB TO EXISTING CURB WITH GROUTED CONNECTION, 4" REBAR IN FOUR PLACES. SEE DETAIL SHEET C-501.
5. PROVIDE CONCRETE PAVEMENT PER DETAIL ON SHEET C-501.
6. PROVIDE CONCRETE SIDEWALK PER DETAIL ON SHEET C-501.
7. PROVIDE CG-12, TYPE B, WARNING SURFACE FULL WIDTH OF SIDEWALK. MAXIMUM SLOPE AT CG-12 LANDING SHALL NOT EXCEED 2%. SEE DETAILS ON SHEET C-501.
8. PROVIDE CG-13 VDOT COMMERCIAL ENTRANCE PER DETAIL ON SHEET C-501.
9. PROVIDE ASPHALT PER DETAIL ON SHEET C-501.
10. PROVIDE #14 LF OF CG-2 CURB. SEE DETAIL ON SHEET C-501.
11. REMOVE TURF AND REGRADE TO MATCH TOP OF NEW CONCRETE AND TO PROVIDE POSITIVE DRAINAGE AWAY FROM ANY PAVEMENT. PROVIDE TOPSOIL, SEED, FERTILIZER AND MULCH ALL DISTURBED AREAS.
12. PEDESTRIAN CROSSING AREA; FOR COUNTY/VDOT REVIEW PURPOSES ONLY.

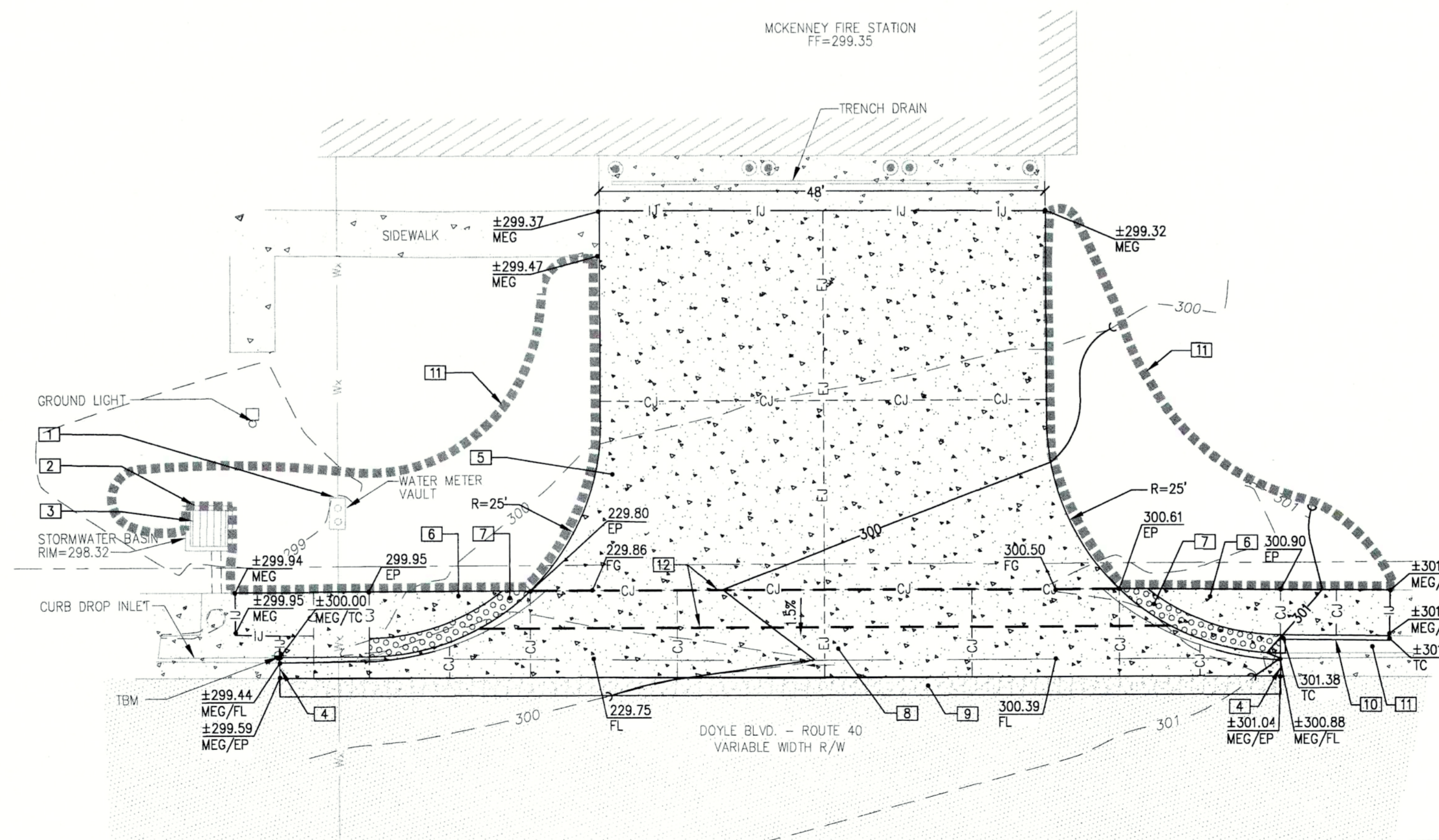
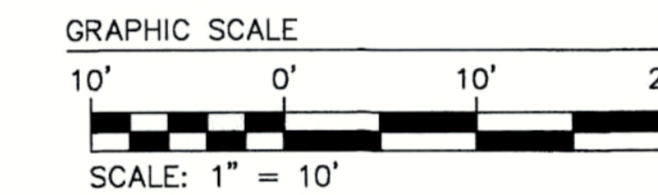
## LEGEND:

EXISTING:	
	RIGHT OF WAY
	FLOW LINE
	CONTOUR
	62
	STORMWATER PIPE
	ASPHALT PAVEMENT
	CONCRETE PAVEMENT
	CENTERLINE OF ROAD
	BOLLARD
	GROUND LIGHT
	WATER LINE
	TEMPORARY BENCH MARK
	TBM
PROPOSED:	
	TO BE DEMOLISHED
	SF SILT FENCE VESCH 3.05
	DIP DROP INLET PROTECTION VESCH 3.07-3
	IP CURB INLET PROTECTION VESCH 3.07-8
	LOD LIMITS OF DISTURBANCE
	CONCRETE PAVEMENT
	CG-12 DETECTABLE WARNING SURFACE
	ASPHALT PAVEMENT
	CONTROL JOINT
	EXPANSION JOINT
	ISOLATION JOINT
	CONTOUR
	300
	299.32 MEG AREA OF TURF REMOVAL/REGRADE
	R SPOT ELEVATION
	TYP. RADIUS
	FG FINISH GRADE
	EP EDGE OF PAVEMENT
	TC TOP OF CURB
	FL FLOWLINE
	MEG MATCH EXISTING GRADE



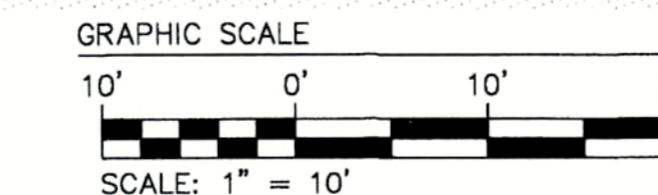
## DEMOLITION AND EROSION & SEDIMENT CONTROL PLAN

SCALE: 1" = 10'



## SITE PLAN

SCALE: 1" = 10'



ENGINEERS  
ARCHITECTS  
PLANNERS

449 McLAWS CIRCLE  
WILLIAMSBURG, VA 23185  
(757) 253-0673 VOICE  
(757) 253-2319 FAX

www.djginc.com



DINWIDDIE COUNTY

MCKENNEY FIRE  
STATION APRON  
REPLACEMENT

MCKENNEY, VIRGINIA

## REVISIONS

NO.	DATE	DESCRIPTION

DATE	DESCRIPTION

SCALE	AS NOTED
DESIGNED	DRC/MEC
DRAWN	MEC
CHECKED	DRC/DFB
DATE	7/06/2020

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SHEET TITLE

DEMOLITION, E&S  
AND SITE PLAN

SHEET NUMBER

C-101

2 OF 4



MINIMUM STANDARDS FOR EROSION AND SEDIMENT CONTROL:

- MS-1: Permanent or Temporary soil stabilization shall be applied to denuded areas within seven (7) days after final grade is reached on any portion of the site.
MS-2: All soil stockpiles and borrow areas must be stabilized or protected with sediment trapping measures.
MS-3: A permanent vegetative cover shall be established on denuded areas not otherwise permanently stabilized.
MS-4: Sediment basins and traps, perimeter dikes, sediment barriers and other measures intended to trap sediment shall be constructed as a first step in any land-disturbing activity and shall be made functional before upslope land disturbance takes place.
MS-5: Stabilization measures shall be applied to earthen structures such as dams, dikes and diversions immediately after installation.
MS-6: Sediment basin and trap design information.
MS-7: Cut and fill slopes shall be designed and constructed in a manner that will minimize erosion.
MS-8: Concentrated runoff shall not flow down cut or fill slopes unless contained within an adequate temporary or permanent channel, flume or slope drain structure.
MS-9: Whenever water seeps from a slope face, adequate drainage or other protection shall be provided.
MS-10: Inlet protection is required for all storm inlets that will be made operable during construction.
MS-11: Before newly constructed stormwater conveyance channels or pipes are made operational, adequate outlet protection and any required temporary or permanent channel lining shall be installed in both the conveyance channel and receiving channel.
MS-12: When work in a live watercourse is performed, precautions shall be taken to minimize encroachment, control sediment transport and stabilize the work area to the greatest extent possible during construction.
MS-13: When a live watercourse must be crossed by construction vehicles more than twice in any six-month period, a temporary vehicular stream crossing constructed of nonerodible material shall be provided.
MS-14: All applicable federal, state and local regulations pertaining to working in or crossing live watercourses shall be met.
MS-15: The bed and banks of a watercourse shall be stabilized immediately after work in the watercourse is completed.
MS-16: Underground utility lines shall be installed in accordance with the following standards in addition to other applicable criteria:
MS-17: Where construction vehicle access routes intersect paved or public roads, provisions shall be made to minimize the transport of sediment by vehicular tracking onto the paved surface.
MS-18: 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 local program authority.
MS-19: Adequate outfall information.

\*\*MS-6 and MS-19 deal with design aspects of the plan. For further information, please consult the latest edition of the Virginia Erosion and Sediment Control Handbook.

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

- 1. Dinwiddie County's Environmental Inspector must be contacted at least 48 hours prior to any land disturbing activity to schedule a Pre-Construction meeting.
2. The preliminary limits of disturbance must be marked/flagged in the field prior to the start of any land disturbance activity.
3. All ESC measures must be placed prior to, or as the first step in grading and all earthen structures stabilized immediately after they are constructed.
4. ESC devices must be installed and maintained in accordance with the latest version of the Virginia Erosion and Sediment Control Handbook and the Virginia Erosion and Sediment Control Regulations.
5. All activities on the site must comply with Chapter 9 of the Dinwiddie County code and the current Virginia Erosion and Sediment Control Handbook.
6. The Dinwiddie County Environmental Inspector has the authority to require changes to an approved plan if the inspection has revealed that the plan is inadequate to satisfy the applicable regulations (VA State Code 62.1-44.15:5).
7. Unless otherwise approved by the Dinwiddie County Environmental Inspector, all runoff must drain to a sediment basin or trap during all phases of construction.
8. A construction entrance must be constructed and properly maintained in accordance with Std. & Spec. 3.05 - Construction Entrance, in the latest version of the Virginia Erosion and Sediment Control Handbook.
9. Dewatering of footings, excavated trenches, sediment basins/traps, etc. must be done in accordance with Std. & Spec. 3.26 - Dewatering Structure, in the latest version of the Virginia Erosion and Sediment Control Handbook.
10. Contractor will be responsible for any mud tracked onto roadways at the end of each workday.
11. If dust becomes a problem during construction, a water tank will be required onsite at all times, and dust must be controlled in accordance with Std. & Spec. 3.39 - Dust Control, in the latest version of the Virginia Erosion and Sediment Control Handbook.
12. Any soil or fill material intentionally transported from the project site must be taken to an approved location, such as an active landfill or other site that is operating under an approved Erosion and Sediment Control Plan.
13. In any construction developments, temporary sediment basins/traps must remain in place until stabilized areas are stabilized.
14. In the event a contractor dumps, discharges or spills any oil or chemical that reaches or has the potential to reach a waterway, the contractor shall immediately notify all appropriate jurisdictional agencies (State, Federal, and Dinwiddie County Environmental Department) and shall take immediate actions for containment and removal of the oil or chemical.

UTILITY NOTES:

- 1. All storm and sanitary sewer lines not in streets are to be mulched and seeded within 7 days after backfill.
2. All construction discharge water shall be adequately filtered to remove silt prior to discharge into waterways and wetlands.

STREAM CROSSINGS / DIVERSIONS:

- 1. No motorized equipment shall at any time be within a waterway unless supported by floatation equipment or a temporary construction road composed of clean non-erodible material (rocks, rip-rap, mats).
2. All stream crossings and stream diversions require approval from the local, state and federal agencies prior to any in-stream work.

MOSQUITO CONTROL:

- 1. All construction sites and sediment control measures must be inspected and maintained to eliminate or minimize areas that promote mosquito breeding.
2. When mosquito breeding is found, removal or treatment of the area is required immediately. Inspection and treatment questions may be directed to the Dinwiddie County Environmental Administrator.

STREAM PROTECTION AREAS, WETLANDS, AND WATERS OF THE U.S.:

- 1. Prior to beginning any land disturbing activity, all Stream Protection Areas (SPAs), wetlands, and Waters of the U.S. (WOUS) shall be delineated for protection with flagging and optic orange safety fence.
2. Additional restoration or replanting may be required for SPAs, wetlands, and WOUS disturbed during construction.

CERTIFIED RESPONSIBLE LAND DISTURBER (CRLD) POLICY:

As a prerequisite to engaging in the land-disturbing activities shown on this plan, the individual responsible for carrying out the plan and holding a certificate of competence shall be identified (the CRLD). The CRLD will:
1. Attend the Pre-Construction meeting and sign the approved plans.
2. Inspect the ESC measures at least once every two weeks, or within 48 hours of any runoff producing storm event.
3. Coordinate the implementation and maintenance of all erosion and sediment control measures in accordance with the approved plan.

BMP INSPECTIONS / CERTIFICATIONS:

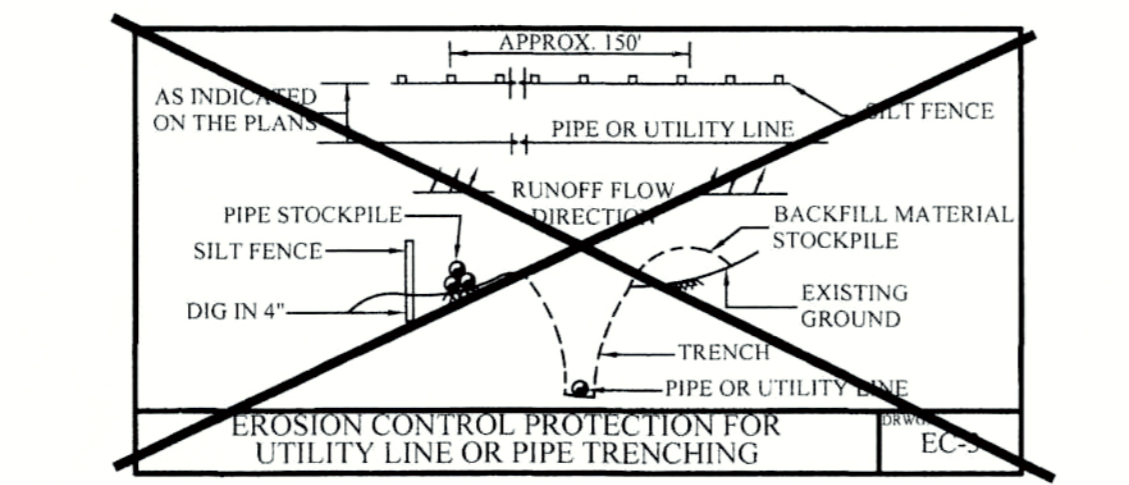
- 1. Inspections of proposed BMP/SWM Facility(ies) must be conducted at two phases of construction - "rough grading" and "final conformance".
2. The Developer or his/her representative is responsible for notifying the Dinwiddie County Environmental Inspector at the appropriate times during construction when the inspections should occur.
3. Three inches of topsoil is required for areas of the BMP/SWM Facility(ies) that will be stabilized with vegetation.
4. Prior to issuance of the Certificate of Occupancy the Developer's Engineer/Surveyor will provide a signed and sealed BMP/SWM Facility(ies) Certification using the County's form.

LIME / FERTILIZER:

- 1. The area to be seeded shall first be treated with commercial 10-10-10 fertilizer at the rate of 30 lbs. per 1000 sq.ft. and treated with agricultural lime at the rate of 100 lbs. per 1000 sq.ft., which shall be uniformly worked into the surface to a minimum depth of 1 inch.

SEEDING / SODDING NOTES:

- 1. All stabilization/seeding will be accomplished in accordance with the latest Virginia Erosion and Sedimentation Control Handbook.
2. Any disturbed area not paved, sodded, or built upon, will have a vegetative cover prior to final inspection.
3. Stream diversion areas, waterways, banks and related areas will be seeded and mulched immediately after work in watercourse is completed.
4. Winterization - any disturbed area not paved, sodded or built upon by October 15 is to be seeded and mulched on that date unless waived by the Environmental Department.
5. All wetlands temporarily disturbed during construction will be restored per the requirements of the Department of Environmental Quality (DEQ) and/or the Corps of Engineers.
6. Temporary seeding will be applied within 7 days to denuded areas which may not be at final grade but will remain dormant (undisturbed) for longer than 14 days.
7. Electric power, telephone, and gas supply trenches are to be compacted, seeded and mulched within 7 days after backfill.
8. Before sowing seed, rake surfaces to eliminate depressions and ridges.
9. Sod needs to be placed within 36 hours of harvesting.
10. The "Hydro-Seeding" method may be used, provided the seed rate per square foot is the same as specified.



TEMPORARY SEEDING:

Table with 3 columns: Planting Dates, Species, Rate (lbs./acre). Rows include Sept. 1 - Feb. 15 with Annual Ryegrass, Feb. 16 - Apr. 30 with Annual Ryegrass, and May 1 - Aug. 31 with German Millet.

PERMANENT SEEDING:

Table with 2 columns: Minimum Care Lawn, Total (lbs./acre). Rows include Kentucky 31 or Turf-Type Tall Fescue or Common Bermudagrass, and High Maintenance Lawn.

High Maintenance Lawn:

- Kentucky 31 or Turf-Type Tall Fescue or Hybrid Bermudagrass (seed) \*\* or Hybrid Bermudagrass (by other vegetative establishment method, see the Va. E&S Control Handbook Std. & Spec. 3.34).

General Slope (3:1 or less):

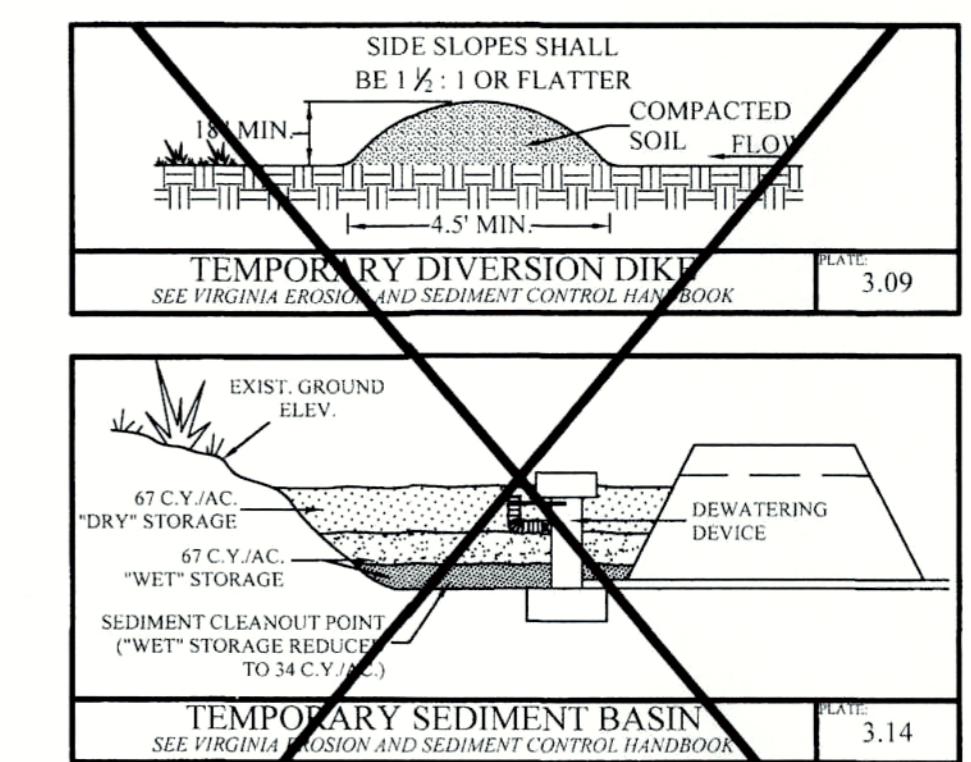
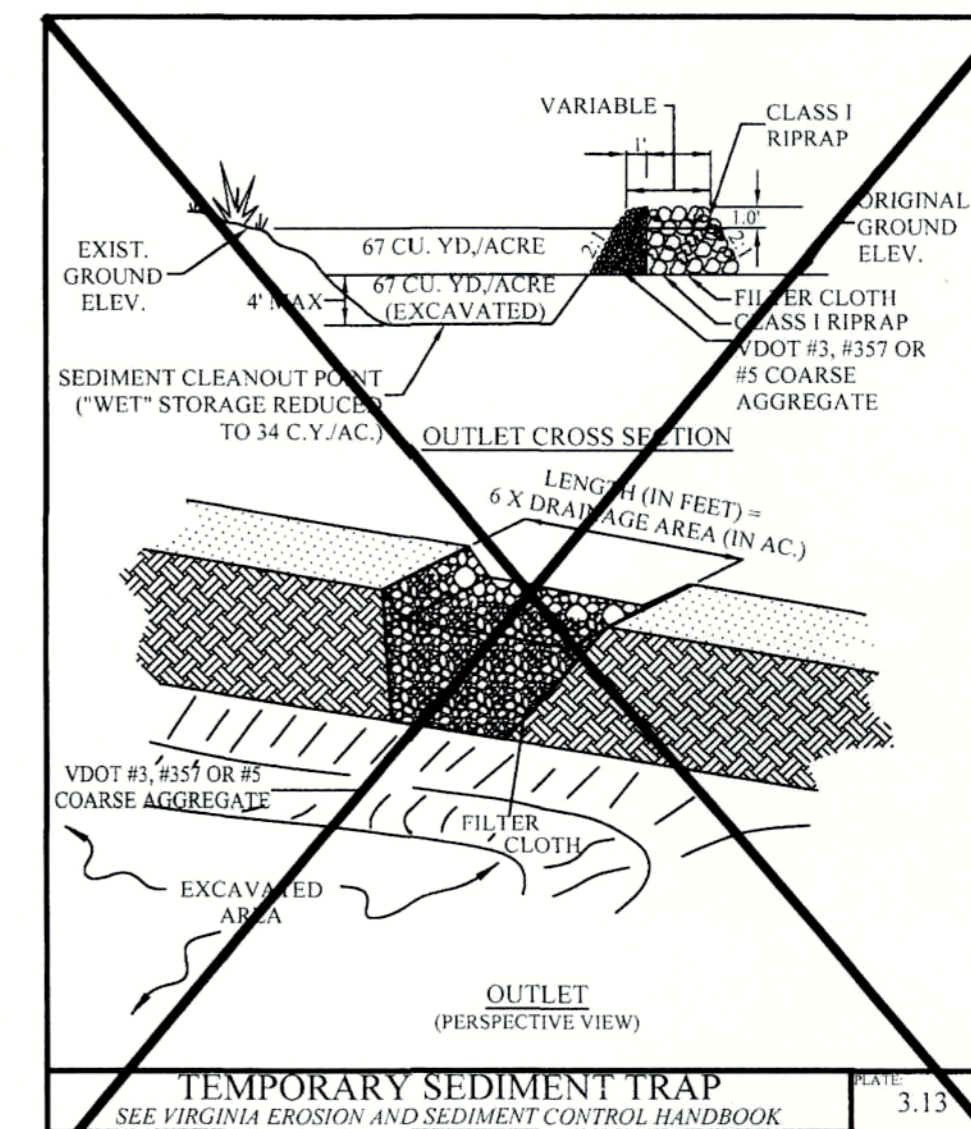
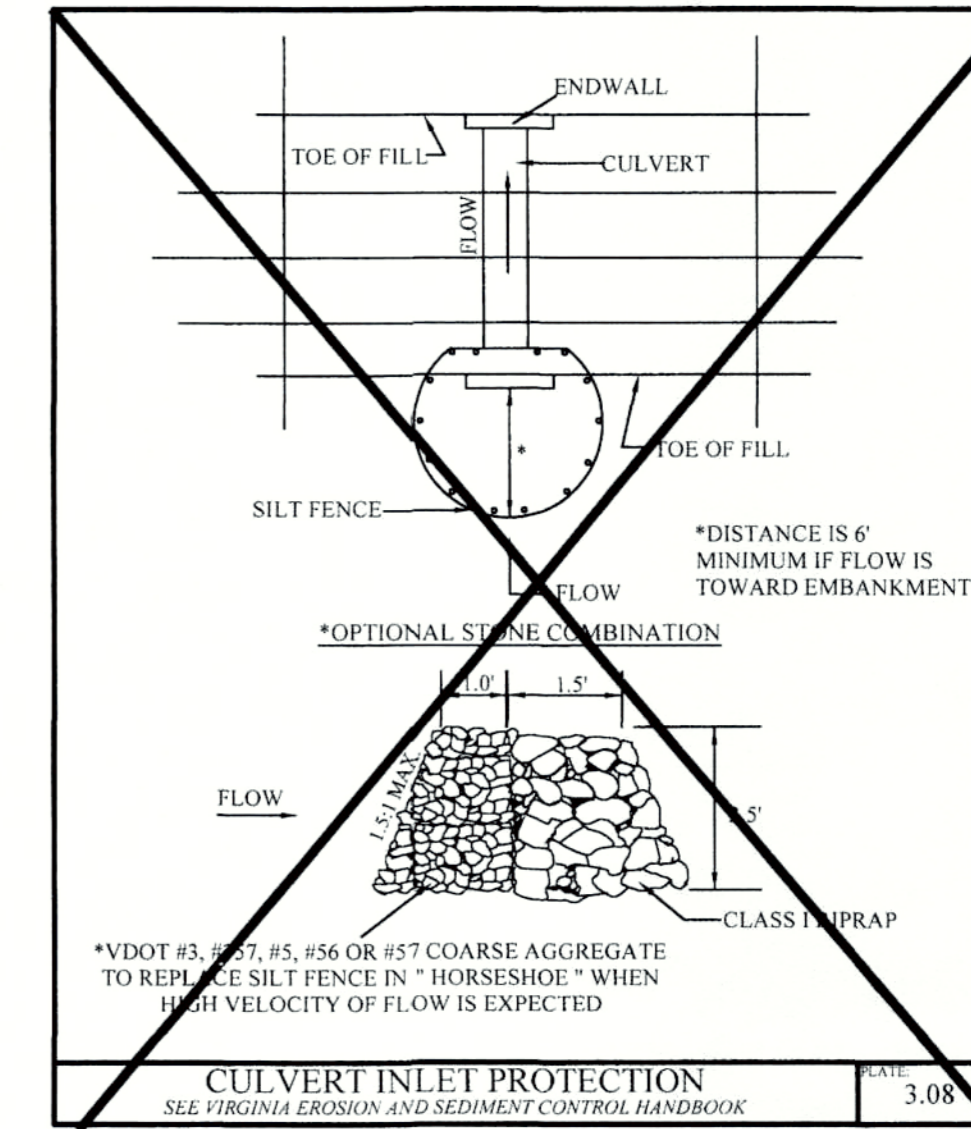
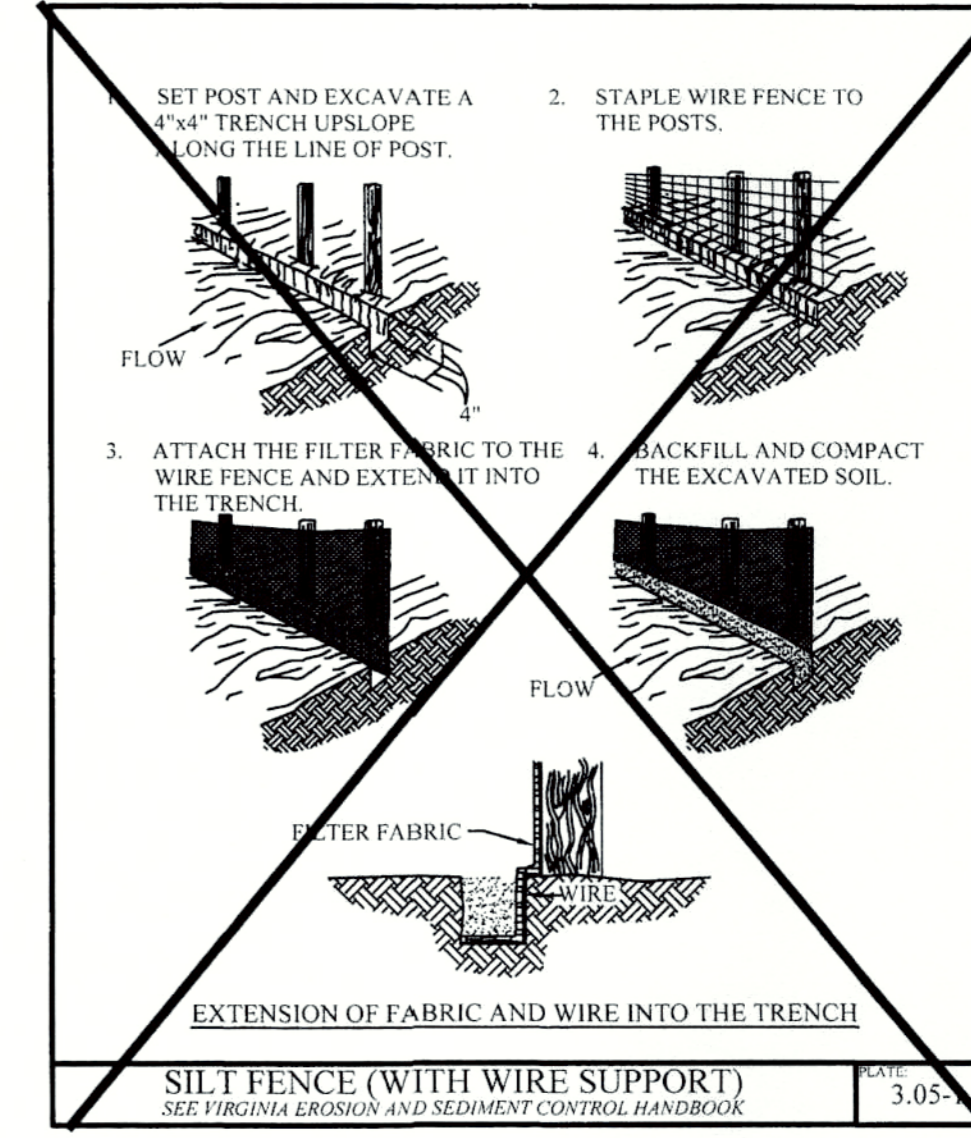
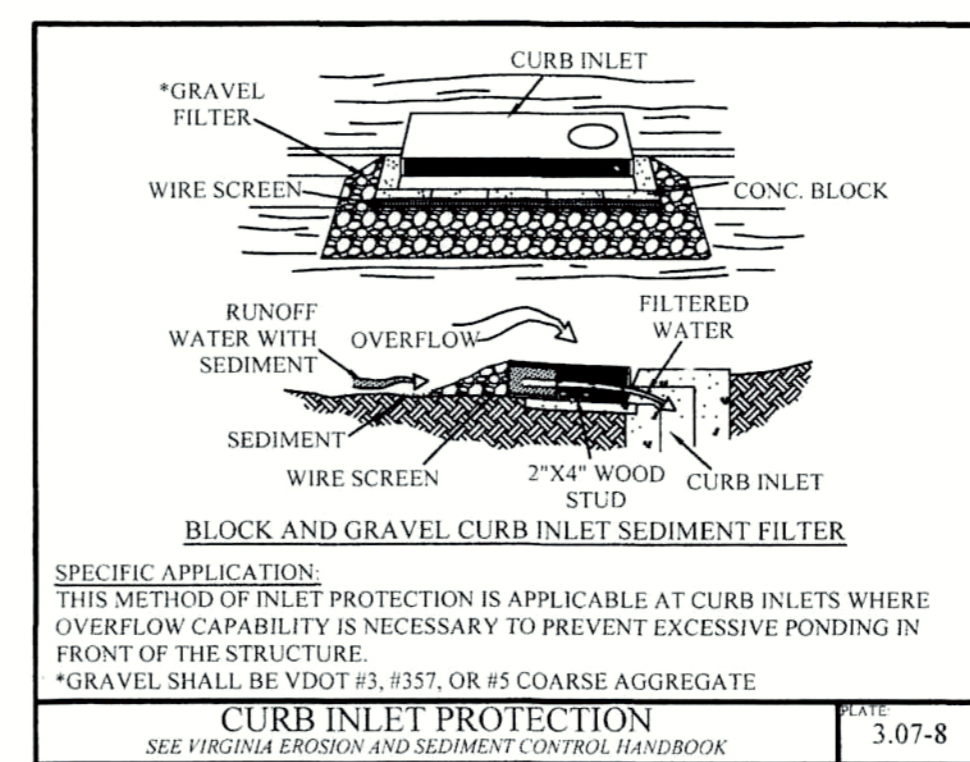
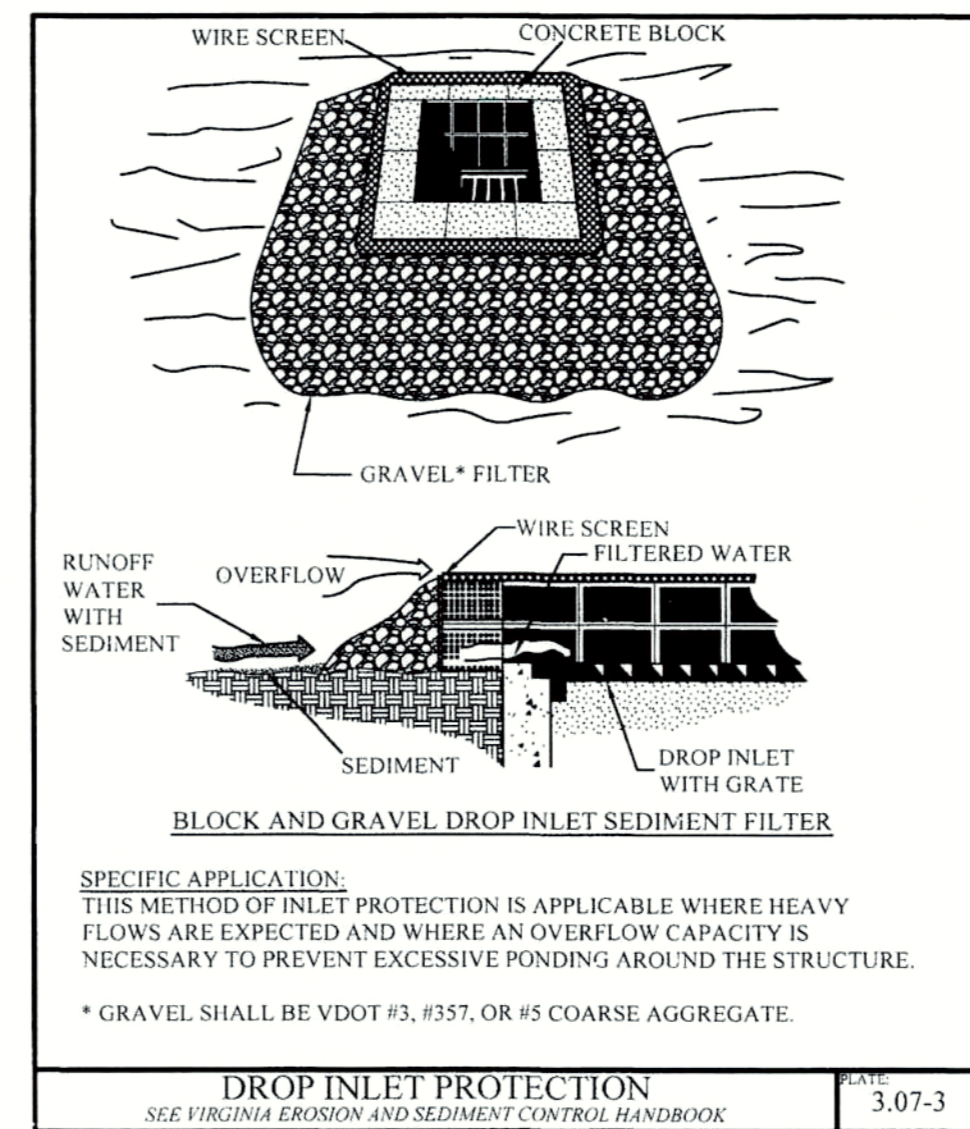
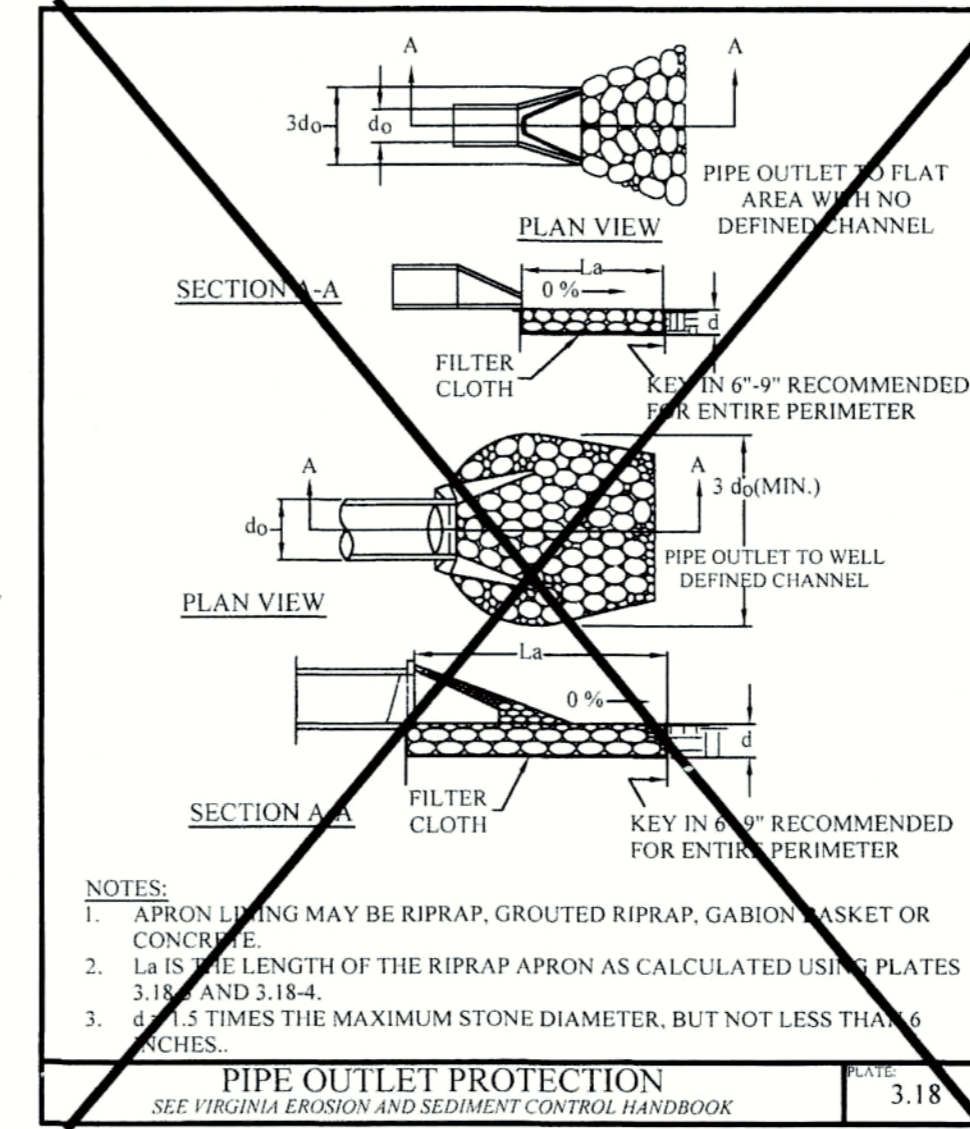
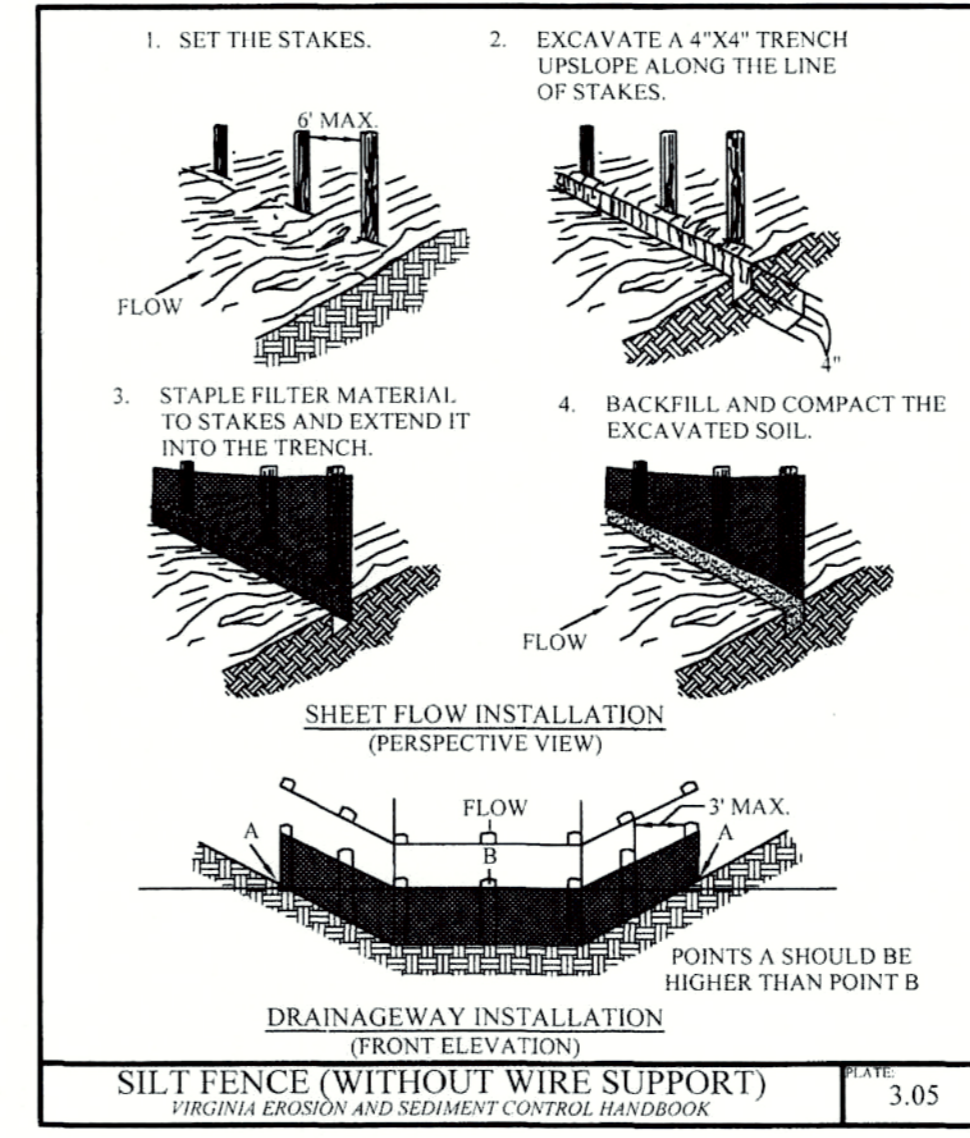
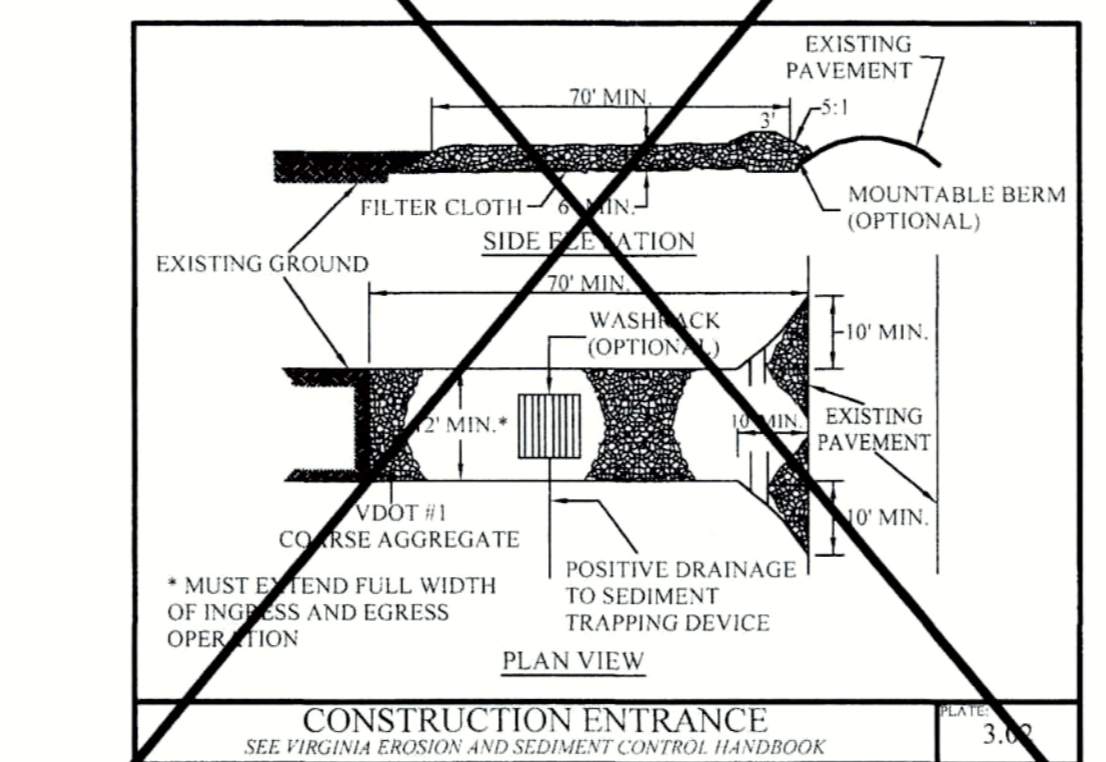
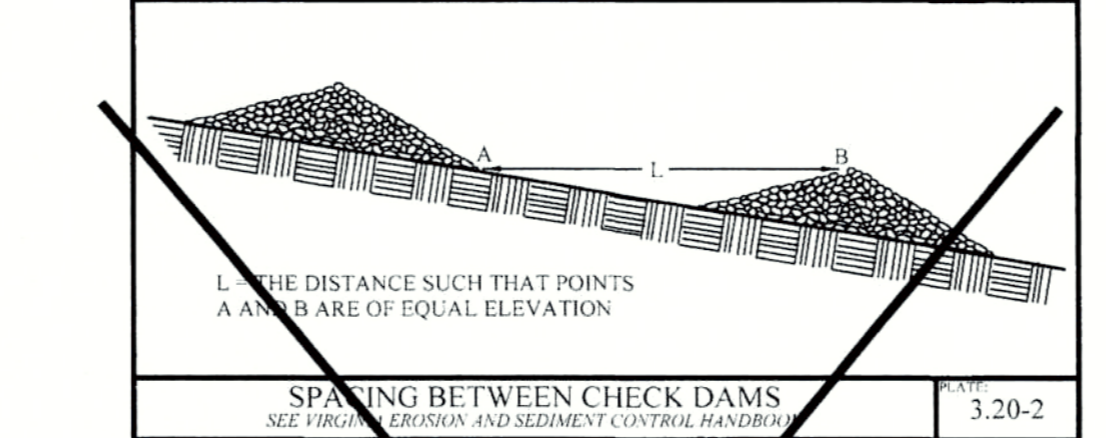
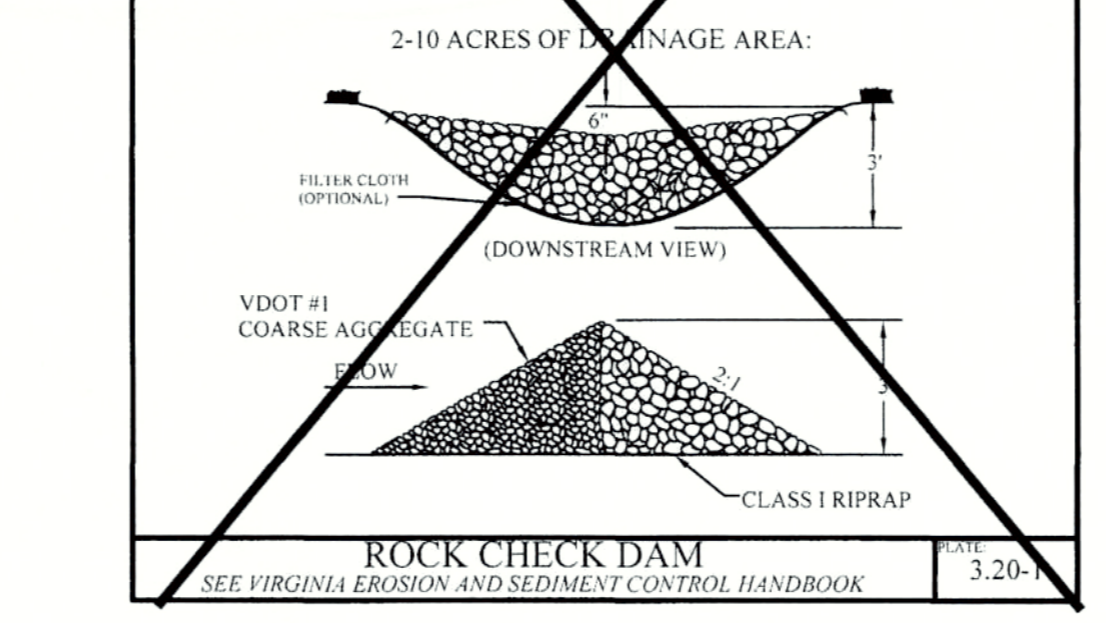
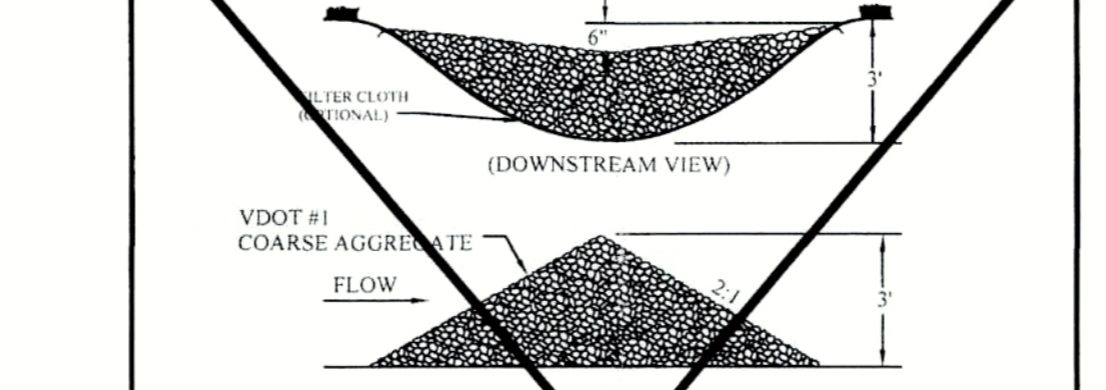
- Kentucky 31 Fescue, Red Top Grass, Seasonal Nurse Crop \* (128 lbs., 2 lbs., 150 lbs. total).

Low Maintenance Slope (Steeper than 3:1):

- Kentucky 31 Tall Fescue, Common Bermudagrass \*\*, Red Top Grass, Seasonal Nurse Crop \*, Sericea Lespedeza \*\* (93-108 lbs., 0.15 lbs., 2 lbs., 20 lbs., 20 lbs., 150 lbs. total).

- Use seasonal nurse crop in accordance with seeding dates as stated below: February, March - April: Annual Rye; May 1st - August: Fostal Millet; September, October - November 5th: Annual Rye; November 16th - January: Winter Rye.

\*\* May through October, use hull seed. All other seeding periods, use unhulled seed. Weeping Lovegrass may be added to any slope or low maintenance mix during warmer seeding periods; ass 10-20 lbs./acre in mixes.



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DINWIDDIE COUNTY MCKENNEY FIRE STATION APRON REPLACEMENT MCKENNEY, VIRGINIA

REVISIONS table with columns for DATE, DESCRIPTION, COMMISSION NUMBER (2200200), SCALE (AS NOTED), DESIGNED (MEC), DRAWN (MEC), CHECKED (DRC/DFB), DATE (7/06/2020), SHEET TITLE (EROSION & SEDIMENT CONTROL NOTES AND DETAILS), SHEET NUMBER (C-502), 4 OF 4.