

GENERAL NOTES

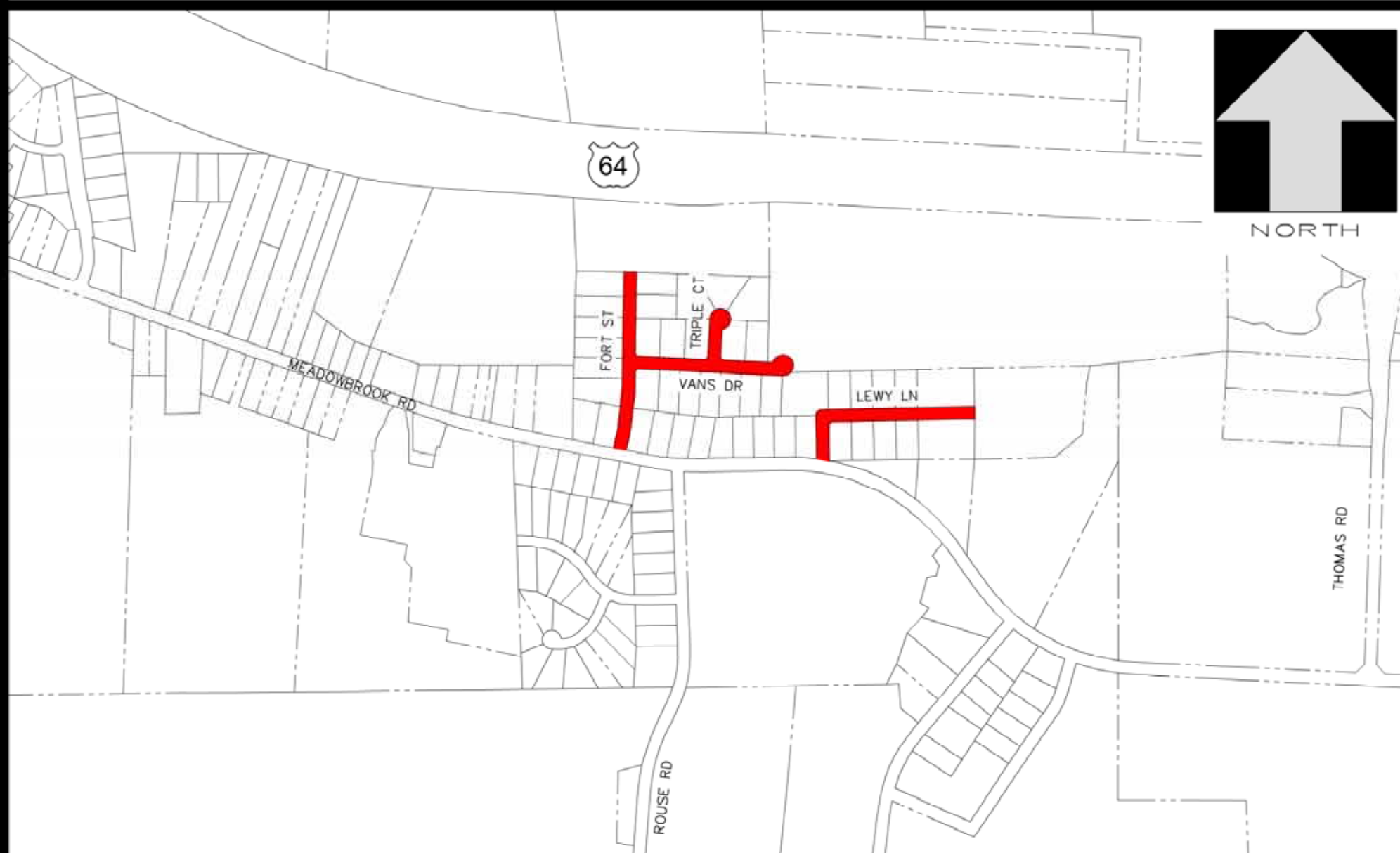
Last Revised 4/18/22

- The purpose of this project is the paving of approximately 3,500 square yards of existing unsurfaced roadway, resurfacing of approximately 4,300 square yards of existing paved roadway, minor clearing and grubbing, installation of driveway culverts, mass grading and reconstruction of existing roadside swales.
- "Spot shot" topographical information shown hereon obtained from an actual field survey performed by Hugh Clark, PLS, City of Rocky Mount Survey Manager. Additional topographic and boundary information obtained from the City of Rocky Mount and Edgecombe County GIS. Horizontal Datum is NAD '83/2007 NC State Plan Coordinates. Reference Datum is NAVD 88. Topographical information shown hereon must be verified by Contractor.
- Boundary information obtained from GIS is shown for reference only. Consult Professional Land Surveyor for boundary data. No location of property boundaries, easements, wetland delineation, flood zones or buffers was performed, and must be done by a Professional Land Surveyor. This document is NOT to be used as a Deed of Easement, nor is it to be construed to permit the location, description, establishment or reestablishment of property lines or descriptions of land boundaries for conveyance.
- All materials, construction, workmanship shall meet the City of Rocky Mount Land Development Code and Manual of Standards and Design, NCDEQ and NCDOT requirements, as well as specifications and conditions on these plans. City Standards shall be met.
- Contractor and subcontractors shall comply with all OSHA requirements and pertinent provisions of the "Manual of Accident Prevention in Construction" issued by AGC of America, Inc., and the Safety and Health Regulations for Construction issued by the U.S. Department of Labor.
- Contractor shall saw-cut to provide smooth transition at tie-in to existing edge of pavement where applicable.
- Contractor to provide 10 ft wide x 7 ft paved turnout at each existing driveway.
- No new water taps or waterline extensions are proposed for this project. Municipal sewer extensions are not proposed for this project.
- Remove/ relocate existing mailboxes (same day) per NCDOT Section 107-12 of the NCDOT Standard Specifications for Roads and Structures and coordinate with the US Postal Service.
- EXISTING UTILITIES**
 - The Contractor shall be responsible for reviewing and verifying all existing site conditions. Any adverse existing conditions affecting work shown shall be brought to the attention of the engineer for possible clarification or reconciliation.
 - The contractor shall be responsible for the repair of any pavement or existing utilities that may be damaged due to construction activity. Exercise caution.
 - Existing utility locations shown, if any, are approximate and shall be verified in the field prior to beginning work. Contractor shall contact the 811 One Call Center for locations of existing utilities prior to beginning construction.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF THE LOCATION AND DEPTH OF ALL UTILITIES AND STRUCTURES WHICH CROSS THE WORK SITE OR WHICH MAY BE AFFECTED BY HIS OPERATIONS.**
 - Contractor is responsible for determination or discovery of existing underground storage tanks (UST), septic tanks, abandoned utility lines, graves or cemeteries that may exist on the site.
 - Contractor shall exercise extreme caution when working under, around, and/or adjacent to existing power lines. Electrical lines and power poles are owned and maintained by City of Rocky Mount Public Utilities.
 - Contractor shall video the existing conditions prior to beginning work to protect against unwarranted claims. Construction areas are to be left in a condition equal to or better than previous condition upon completion of work.
- ENVIRONMENTAL**
 - FLOODPLAIN:** Property is not located in a Floodplain or Flood Hazard zone per FEMA Map 3720.3779.001, dated 11/3/04.
 - No wetlands, riparian buffers or streams exist onsite and will be impacted by this project. This site is not located within a Watershed Protected Zone.
- ELECTRIC/ GAS:**
 - Contractor shall exercise extreme caution when working under, around, and/or adjacent to existing power lines. Electrical lines and power poles are owned and maintained by City of Rocky Mount Public Utilities.
 - Contractor shall contact City of Rocky Mount Public Utilities at 252/467-4808 to coordinate the installation of electric services and 252/467-4809 to coordinate the installation of natural gas services, as applicable. No gas service proposed.
 - A City representative must be present prior to and during any construction within the area of existing gas mains. Any adjustments and relocations for gas lines will be performed by the City (none proposed).
- EARTHWORK:**
 - Unless otherwise approved, all construction debris shall be disposed of **OFF-SITE** in a permitted landfill. All borrow material must come from a properly permitted E&SC site or mine.
 - Earthwork and compaction efforts to comply with City and NCDOT requirements. Refer to requirements stipulated in contract documents.
 - Contractor to coordinate closely with City Inspector at all times during construction.
- DRAINAGE**
 - Contractor to confirm sizes and location of connections with existing drainage prior to construction and ordering culvert.
 - LEWY LANE & TRIPLE COURT (ONLY):** CONTRACTOR TO REMOVE ALL EXISTING DRIVEWAY CULVERTS AND REPLACE WITH NEW 15" RCP (CLASS III) TO MATCH NEW DITCH ELEVATIONS. Ensure positive flow. Minimum culvert and ditch grade to be 0.5%.
 - FORT STREET & VANS DRIVE:** Existing driveway culverts and ditches along Fort Street and Vans Drive to NOT be disturbed unless directed by City.
 - Storm drainage piping shall be reinforced concrete pipe (RCP), Class III, conforming to ASTM C76, unless otherwise approved by the City. All joints shall be sealed. Ensure adequate cover as approved by City.
- CONCRETE:** (if required)
 - All concrete is to be minimum 3,000 psi at 28 days, unless otherwise noted on the plans. Provide expansion joint (E.J.) wherever new concrete or curbing adjust existing concrete.
 - DO NOT POUR ANY CONCRETE BEFORE FORMS ARE INSPECTED AND APPROVED BY THE CITY. Failure to do so may constitute removal of work performed at Contractor's cost until made satisfactory by the Engineer.
 - Contractor shall watch for any potential upgrade depressions adjacent to and behind proposed concrete. Should any be detected, fill to provide positive surface drainage over concrete.
 - Where directed by City, Contractor shall remove and replace existing concrete driveways. Install 4" concrete driveway in accordance with NCDOT Standard Specifications (sidewalk/broom finish).
- TRAFFIC CONTROL:**
 - The Contractor shall be responsible for all work zone traffic control. All methods, signs, pavement markings and other traffic control devices shall conform to the Manual on Uniform Traffic Control Devices (MUTCD) and NCDOT standards, and are the Contractor's responsibility.
 - All methods, signs, pavement markings and other traffic control devices shall conform to the Manual on Uniform Traffic Control Devices (MUTCD) and NCDOT standards, and are the Contractor's responsibility.
- Contractor shall be responsible for any costs in excess of normal construction methods due to adverse conditions, or failure to give notice, that preclude the use of the City's standard installation methods. Examples of such are, but not limited to, boring, conduit installation, pavement patching, concrete replacement and landscaping.
- GUARANTEE:** The Contractor shall guarantee the quality of his work for a period of twelve months after acceptance. Should the work fail to perform according to these plans and specifications, the Contractor shall be required to conduct corrective actions at no cost to the Owner. Such adequacy shall be left to the discretion of the Engineer.



ROCKY MOUNT
ENGINEERING
THE CENTER OF IT ALL

Dirt Street Paving Project Lewy Lane & Triple Court Edgecombe County, Rocky Mount, N.C.



PROJECT CONTACTS

NAME/ TITLE	ENTITY	PHONE	MAIL/EMAIL
Brad Kerr, PE Director of Public Works	City of Rocky Mount	252.972.1121	Brad.kerr@rockymountnc.gov
Scott Miles, PE Assistant City Engineer	City of Rocky Mount	252.972.1122	Scott.miles@rockymountnc.gov
Hugh Clark, PLS Survey Manager	City of Rocky Mount	252.467.4944	Hugh.clark@rockymountnc.gov
Allen Goff Inspector	City of Rocky Mount	252.467.4946	Allen.goff@rockymountnc.gov
Bobby L. Joyner, PE President	Applan Consulting Engineers	252.972.7703	bjoyner@applanengineers.com
David C. Revoir, PE Project Engineer	Applan Consulting Engineers	252.972.7703	drevoir@applanengineers.com

CITY STANDARD NOTES

Last Revised, 4/12/22

- All required improvements shall conform to the City of Rocky Mount's Land Development Code and Manual of Specifications and Details, latest edition.
- Omitted
- Omitted
- Omitted
- The disturbed area for this project is less than 0.5 acre. Therefore, stormwater detention and nutrient management are not required.
- The disturbed area for this project is less than 1 acre. Therefore, a formal Sedimentation and Erosion Control Plan is not required. However, the site is subject to erosion control provisions and the **CONTRACTOR IS RESPONSIBLE FOR CONTAINING ALL EROSION AND SEDIMENTATION WITHIN THE PROJECT LIMITS.**
- Omitted
- "Spot shot" topographical information shown hereon obtained from an actual field survey performed by Hugh Clark, PLS, City of Rocky Mount Survey Manager. Additional topographic and boundary information obtained from the City of Rocky Mount and Edgecombe County GIS. Horizontal Datum is NAD '83/2007 NC State Plan Coordinates. Reference Datum is NAVD 88.
- Site lies in Flood Zone X, outside of the 500-yr and 100-yr Floodplain per FEMA FIRM# 3720.3779.001, dated 11/3/04.
- Contractor/Developer shall contact City of Rocky Mount Construction Inspector Allen Goff at (252) 343-3158 one week prior to beginning construction.
- Contractor shall contact City of Rocky Mount Public Utilities at 252/467-4808 to coordinate the installation of electric services and 252/467-4827 to coordinate the installation of natural gas services.
- Omitted
- The developer/owner is responsible for all costs related to the relocation of any existing utilities. No relocation of existing utilities proposed.
- Omitted
- The property owners shall provide an executed right-of-way easement prior to the installation of proposed swale on private property.
- The contractor is responsible for calling the NC One Call Center at 811 to locate existing utilities prior to beginning work.

INDEX

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D-2	CONSTRUCTION DETAILS

SCOPE OF WORK:

STREET NAME	EX. ROAD SURFACE	PRO. WORK DESCRIPTION	APPROX. LENGTH (LF)
Lewy Lane	ABC	Paving, ditch regrading	975
Triple Court	ABC	Paving, ditch regrading	240
Vans Drive	Asphalt	Resurfacing	700
Fort Street	Asphalt	Resurfacing	850

LEGEND (EXISTING SITE)

Adjacent Property Lines	Chain	Ex. Curb & Gutter	Topographic Elevation
Building Outline (bldg)	Centerline (as Noted)	Ex. Contour	Ditch
Buffer Easement	Force Main	Min. building Setback (mb)	Drainage Structures (as Noted)
Easement (as Noted)	Gas	Paint Stripe	Easement (esm't)
Edge Gravel / Soil	O.H. Power	Edge Pavement (ep)	Fence (as Noted)
Min. building Setback (mb)	Guy Wire	Right-of-way	Edge Gravel / Soil
Paint Stripe	O.H. Electric	Treelwoods Limits	Min. building Setback (mb)
Edge Pavement (ep)	U.G. Electric	Zoning Line	Paint Stripe
Right-of-way	San Sewer (As Noted)	ex. mail box	Edge Pavement (ep)
Treelwoods Limits	Telecommunications	ex. sign "L"	Right-of-way
Zoning Line	U.g. Telecommunications	ex. sign (as noted)	Treelwoods Limits
ex. mail box	Utility (as Noted)		Zoning Line
ex. sign "L"	Unknown Utility Line		ex. mail box
ex. sign (as noted)	Water Line		ex. sign "L"

LEGEND (EXISTING UTILITIES)

CATV	Cable TV	ex. sp. 12
Fence (as Noted)	Fiber Optics Line	ex. sp. 11
Force Main	Gas	ex. sp. 10
Gas	O.H. Power	ex. sp. 9
O.H. Power	Guy Wire	ex. sp. 8
Guy Wire	O.H. Electric	ex. sp. 7
O.H. Electric	U.G. Electric	ex. sp. 6
U.G. Electric	San Sewer (As Noted)	ex. sp. 5
San Sewer (As Noted)	Telecommunications	ex. sp. 4
Telecommunications	U.g. Telecommunications	ex. sp. 3
U.g. Telecommunications	Utility (as Noted)	ex. sp. 2
Utility (as Noted)	Unknown Utility Line	ex. sp. 1
Unknown Utility Line	Water Line	
Water Line	Power Pole	
Power Pole	Guy Wire	
Guy Wire	Light Pole	
Light Pole	Utility Pole	
Utility Pole	Fiber Optic Monument	
Fiber Optic Monument	Telecommunications Pedestal	
Telecommunications Pedestal	Fire Hydrant	
Fire Hydrant	Water Meter	
Water Meter	Water Valve	
Water Valve	Post Indicator Valve	
Post Indicator Valve	Plug With Blocking	
Plug With Blocking	Gas Valve	
Gas Valve	Manhole (As Noted)	
Manhole (As Noted)	Cleanout	

LEGEND (CONSTRUCTION)

CENTERLINE (SEE PLANS)	FLARED END
DITCH	SIGN
EASEMENT (AS NOTED)	STOP SIGN
LIMITS OF DISTURBANCE (ALT.)	STREET NAME SIGN
PROPERTY LINE (NO SURVEY)	CH. LK. FENCE (AS NOTED)
PROPERTY LINE (SURVEYED)	CAUTION: POWER IN AREA
RIGHT-OF-WAY	CAUTION: HIGH REPAIR COST
PAVEMENT STRIPING (AS NOTED)	IMPORTANT INFORMATION
CENTERLINE (AS NOTED)	CAUTION: / IMPORTANT
CONTOUR (ELEV. AS NOTED)	DO NOT DISTURB
SPOT ELEVATION	
SLOPE	
CONCRETE	
FLARED END	
SIGN	
STOP SIGN	
STREET NAME SIGN	
CH. LK. FENCE (AS NOTED)	
CAUTION: POWER IN AREA	
CAUTION: HIGH REPAIR COST	
IMPORTANT INFORMATION	
CAUTION: / IMPORTANT	
DO NOT DISTURB	

Final Drawings
Review Purposes ONLY



REVISIONS				
NO.	DATE	DESCRIPTION	BY	CAD
1				

These plans are for bidding purposes only and are not to be used as Construction drawings unless initiated and dated as approved for Construction below by the Engineer.

Approved for Construction: _____ Date: _____

**BOUNDARY DESCRIPTION SHOWN
IS NOT FOR RECORDATION.**

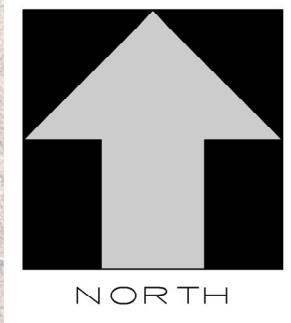
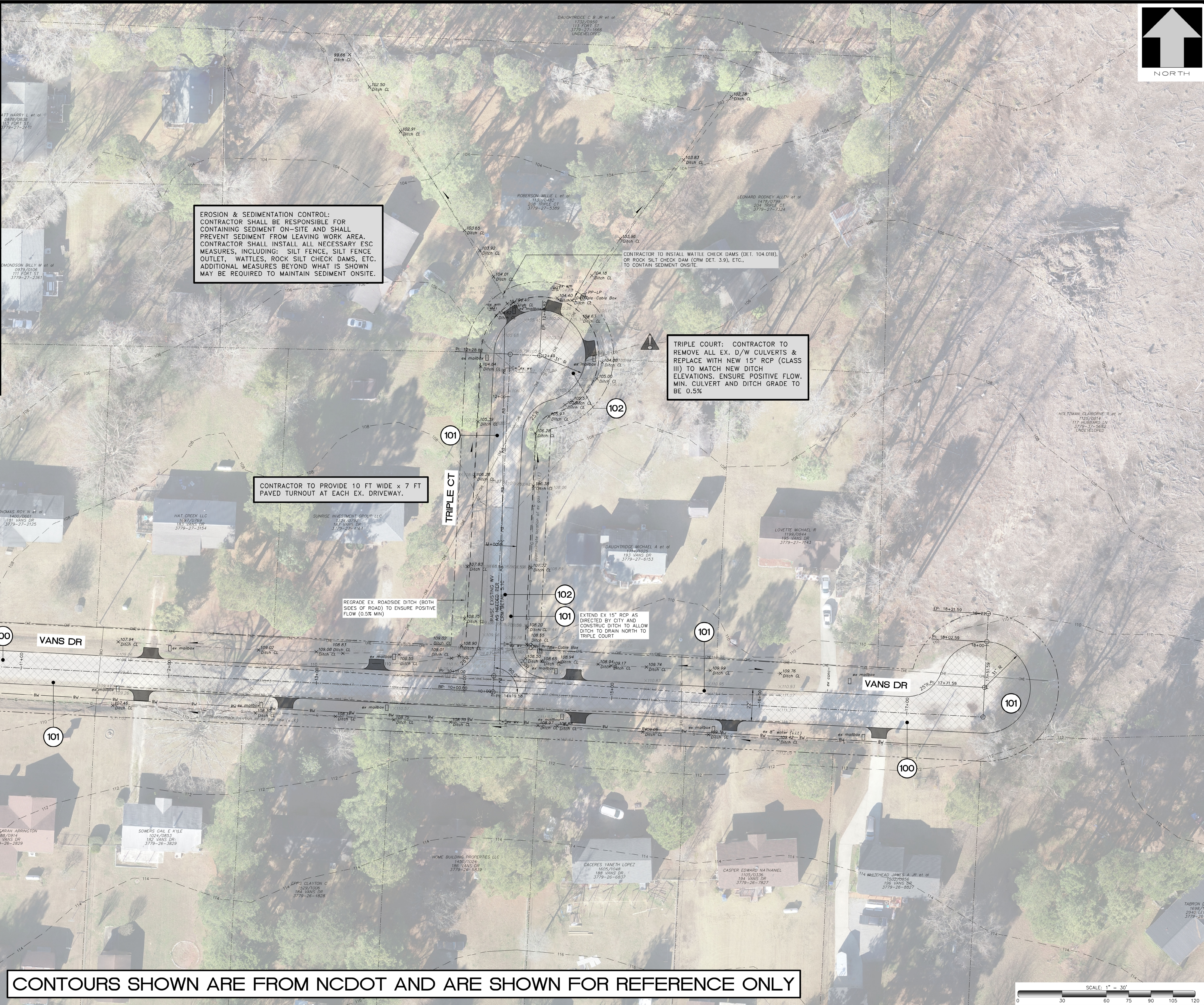
RECORD DRAWINGS:
These drawings are believed to be a correct representation of actual field conditions but are not warranted as such.

By: _____ Date: _____

CONSTRUCTION SAFETY
These drawings do not contain the requirements for job safety. All provisions for safety shall be the sole responsibility of the contractor.

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ADA AND LEGAL DISCLAIMER
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HOR. SCALE:	1" = 30'	DATE:	11/16/2022	DESIGN:	David Revair
VER. SCALE:	N/A	DRAWN BY:	Kelly Williams	CHECK:	
REVISIONS					
NO.	Δ	DATE:		DESCRIPTION:	B.Y:
	Δ				



CONSULTING ENGINEERS, P.A.
CIVIL, MUNICIPAL &
STRUCTURAL ENGINEERS
BLN = C0562

154 Roundabout Ct.
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Phone: (252) 972-7703

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admin@appianengineers.com

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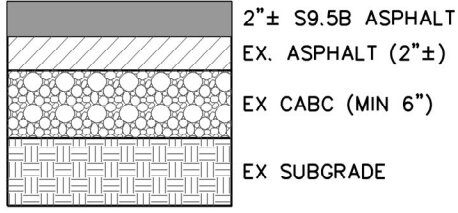


VANS DRIVE AND TRIPLE COURT
Dirt Street Paving Project:
Lewy Lane & Triple Court
Edgecombe County, Rocky Mount, N.C.

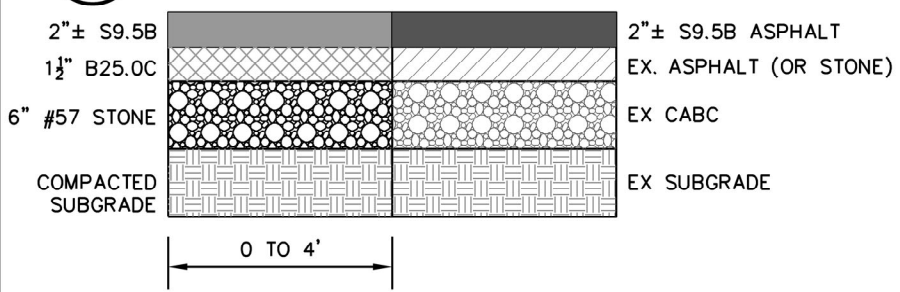
21-124
D-0000
CE-3

PAVEMENT LEGEND

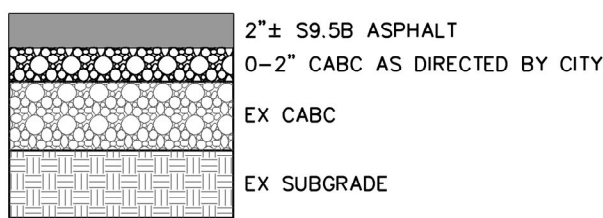
100 PAVEMENT RE-SURFACING



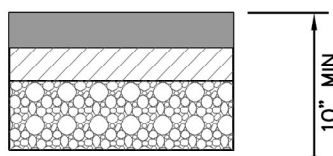
101 ROAD WIDENING



102 PAVING UNSURFACED ROAD



103 PIPE COVER



* SEE CRM 1.06 FOR BEDDING DETAILS



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CONTOURS SHOWN ARE FROM NCDOT AND ARE SHOWN FOR REFERENCE ONLY

EROSION & SEDIMENTATION CONTROL:
CONTRACTOR SHALL BE RESPONSIBLE FOR CONTAINING SEDIMENT ON-SITE AND SHALL PREVENT SEDIMENT FROM LEAVING WORK AREA. CONTRACTOR SHALL INSTALL ALL NECESSARY ESC MEASURES, INCLUDING: SILT FENCE, SILT FENCE OUTLET, WATTLES, ROCK SILT CHECK DAMS, ETC. ADDITIONAL MEASURES BEYOND WHAT IS SHOWN MAY BE REQUIRED TO MAINTAIN SEDIMENT ONSITE.

TRIPLE COURT: CONTRACTOR TO REMOVE ALL EX. D/W CULVERTS & REPLACE WITH NEW 15" RCP (CLASS III) TO MATCH NEW DITCH ELEVATIONS. ENSURE POSITIVE FLOW. MIN. CULVERT AND DITCH GRADE TO BE 0.5%

101 ROAD WIDENING REQUIRED IN MULTIPLE AREAS (NOT SHOWN) TO MAINTAIN 22' ASPHALT WIDTH PER CRM DETAIL 2.3. INSTALL ROAD WIDENING PER DETAIL 101.

CONTRACTOR TO INSTALL WATTLE CHECK DAMS (DET. 104.018), OR ROCK SILT CHECK DAM (CRM DET. 3.9), ETC., TO CONTAIN SEDIMENT ONSITE.

CONTRACTOR TO INSTALL WATTLE CHECK DAMS (DET. 104.018), OR ROCK SILT CHECK DAM (CRM DET. 3.9), ETC., TO CONTAIN SEDIMENT ONSITE.

SCALE: 1" = 10'

DATE:	11/16/2022	DESIGN:	David Revor
DRAWN BY:	N/A	REVISIONS:	
NO.	1	DATE:	
BY:		DESCRIPTION:	
CAD:			



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TRIPLE COURT (BLOW UP)
Dirt Street Paving Project:
Lewy Lane & Triple Court
Edgecombe County, Rocky Mount, N.C.

21-124
D-0000
CE-4

PAVEMENT LEGEND

100

PAVEMENT RE-SURFACING

2"± S9.5B ASPHALT

EX. ASPHALT (2"±)

EX CABC (MIN 6")

EX SUBGRADE

101

ROAD WIDENING

2"± S9.5B

1½" B25.0C

6" #57 STONE

COMPACTED SUBGRADE

2"± S9.5B ASPHALT

EX. ASPHALT (OR STONE)

EX CABC

EX SUBGRADE

102

PAVING UNSURFACED ROAD

2"± S9.5B ASPHALT

0-2" CABC AS DIRECTED BY CITY

EX CABC

EX SUBGRADE

103

PIPE COVER

10" MIN

15" RCP

* SEE CRM 1.06 FOR BEDDING DETAILS

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DATE: 11/16/2022
BY: Kelly Williams
CHECKED: _____
DATE: _____
BY: _____
CAD: _____
DATE: _____
BY: _____

REVISIONS

DESCRIPTION

11/16/2022

DAVID C. REWOR

26959

SEAL

FORT STREET & VANS DRIVE

Dirt Street Paving Project:

Lewy Lane & Triple Court

Edgecombe County, Rocky Mount, N.C.

21-124

D-0000

CE-5

DATE:	11/16/2022
BY:	Kelly Williams
CHECKED:	
DATE:	
BY:	
CAD:	
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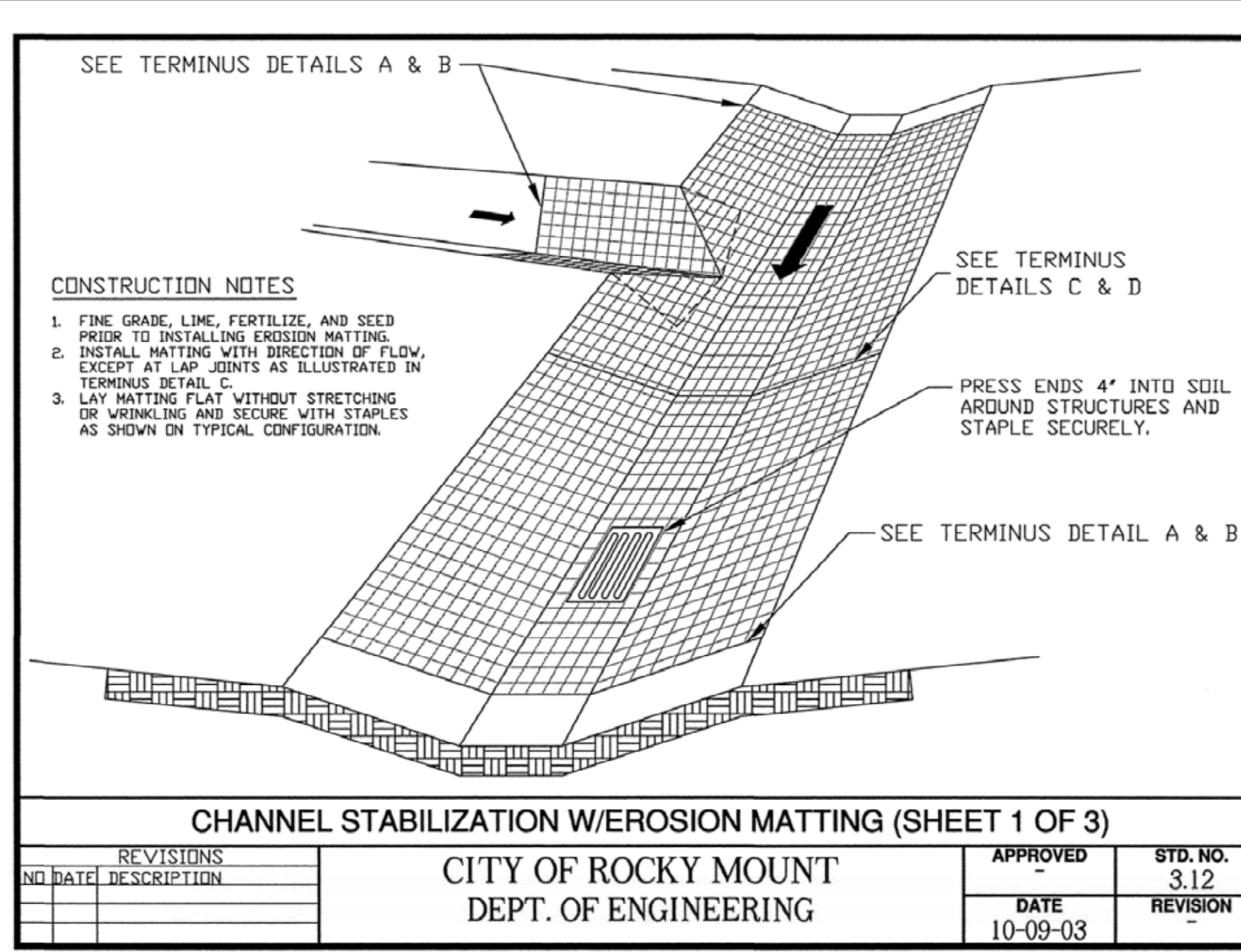
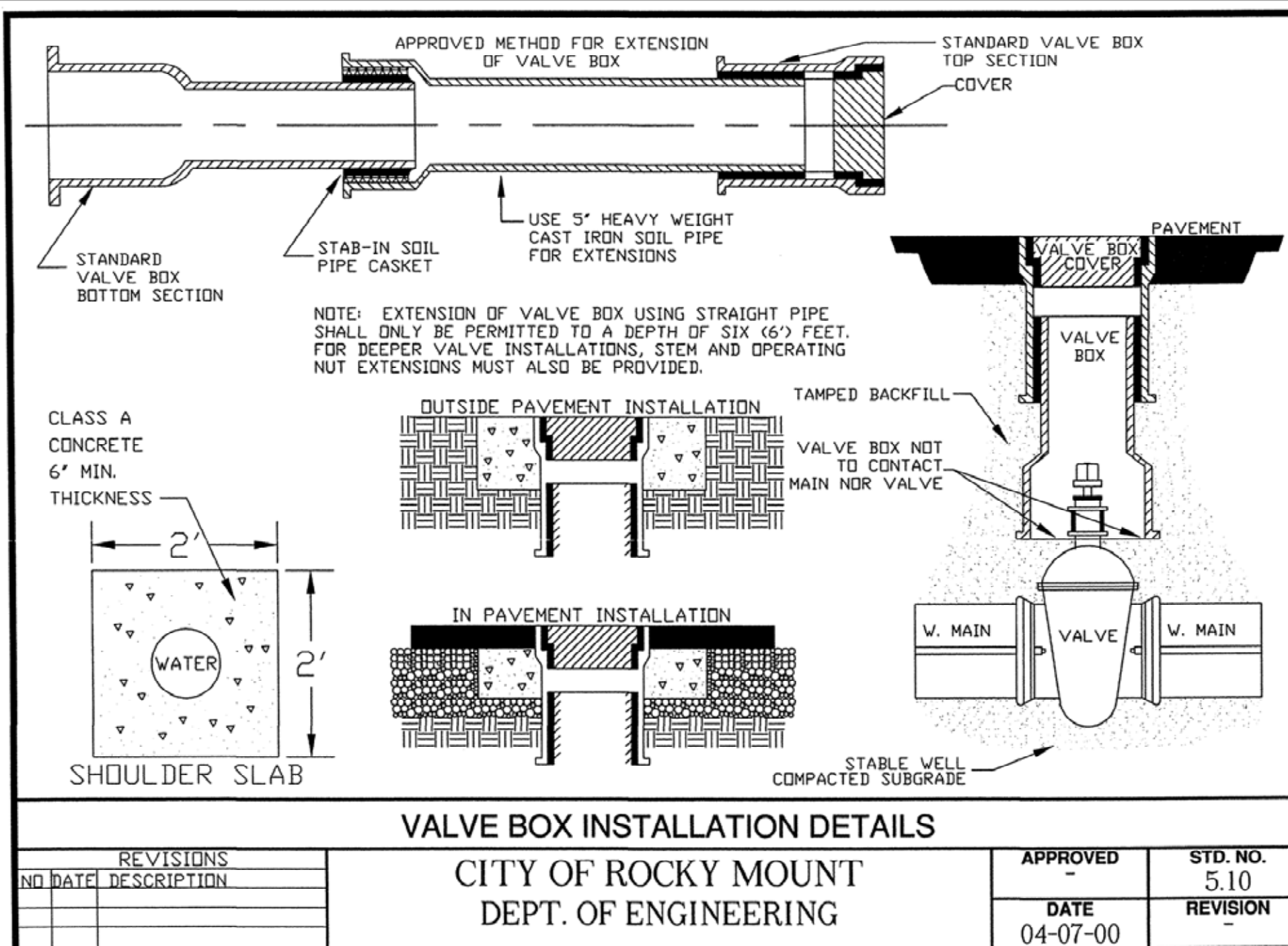
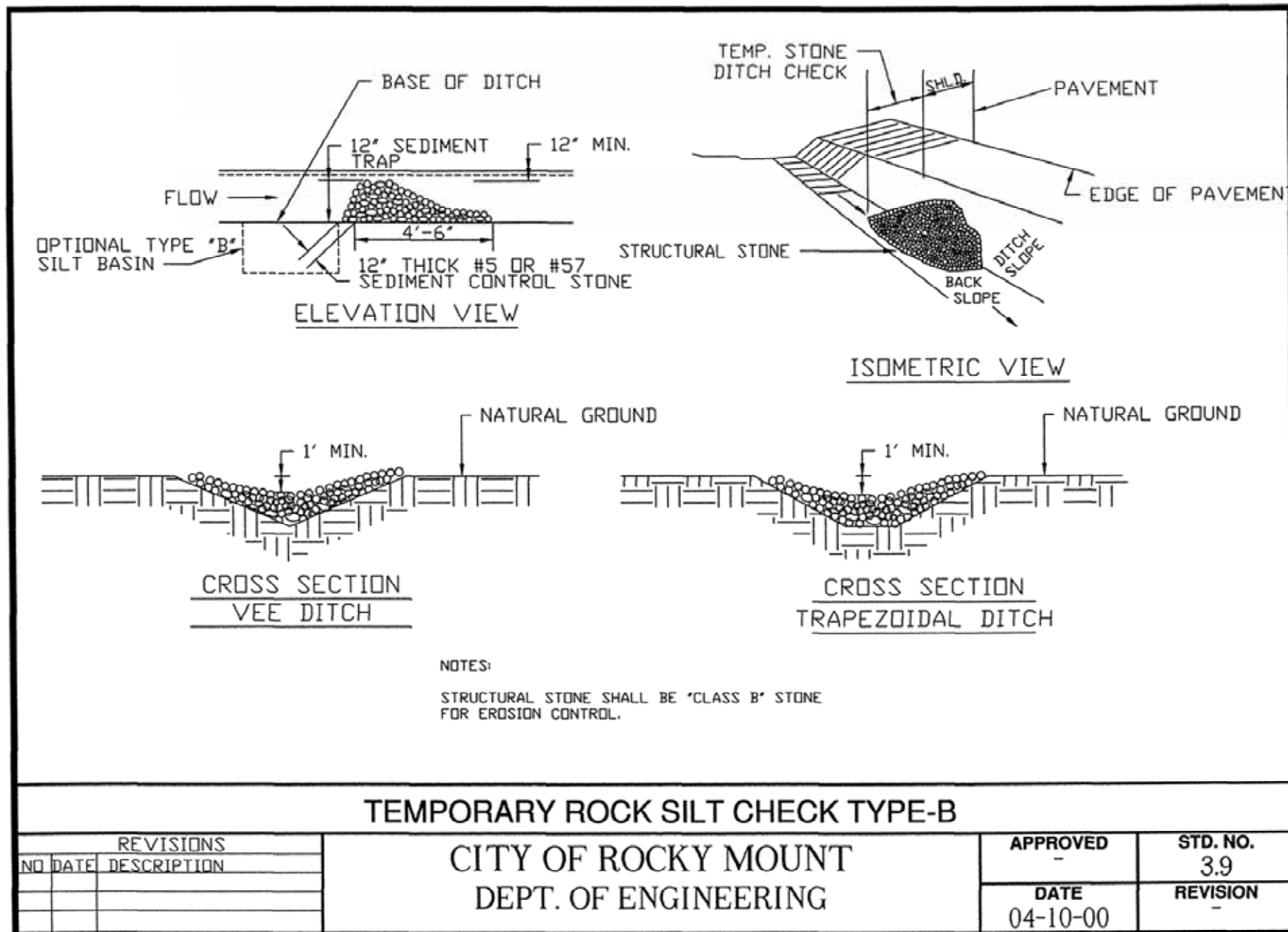
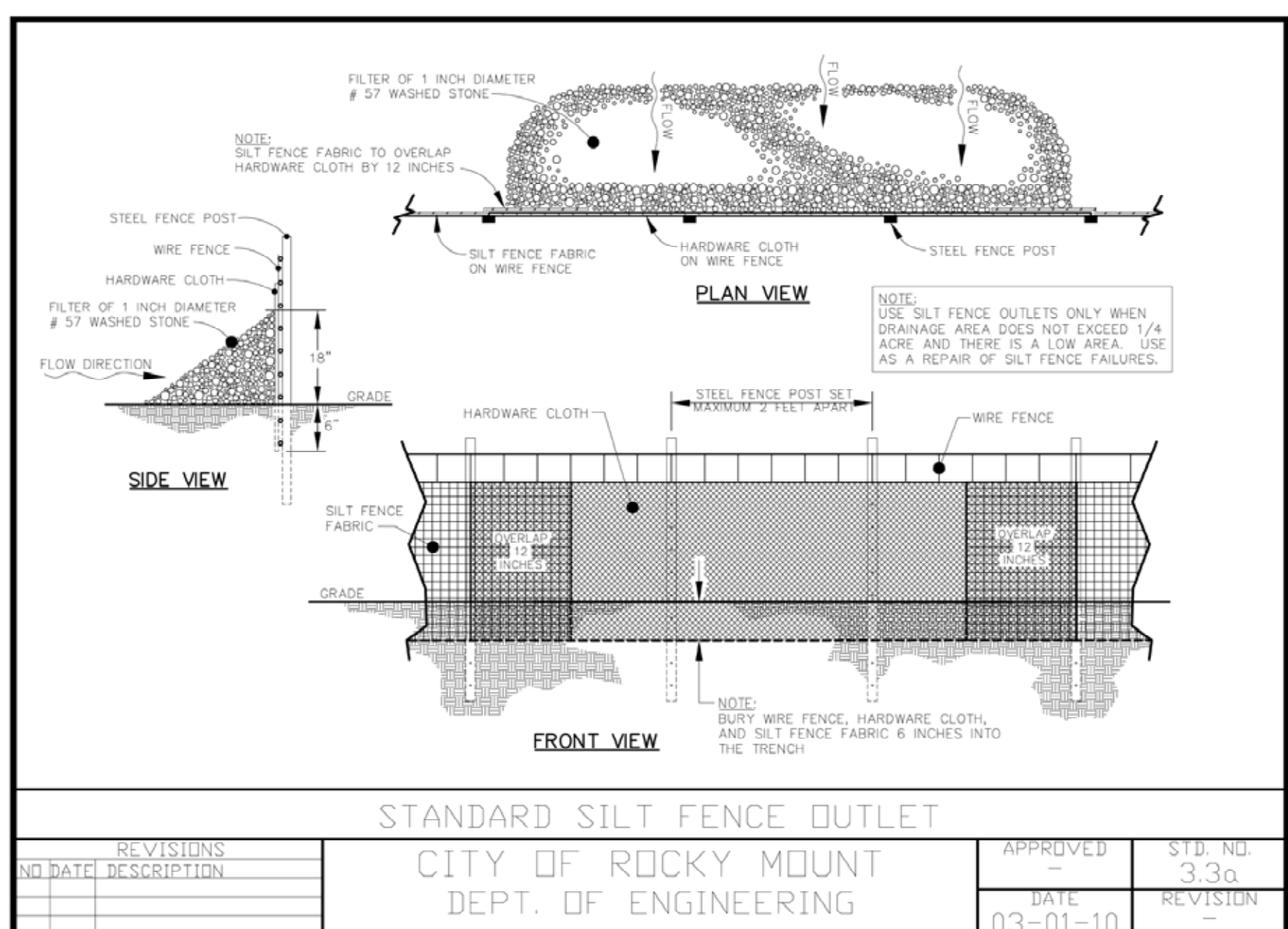
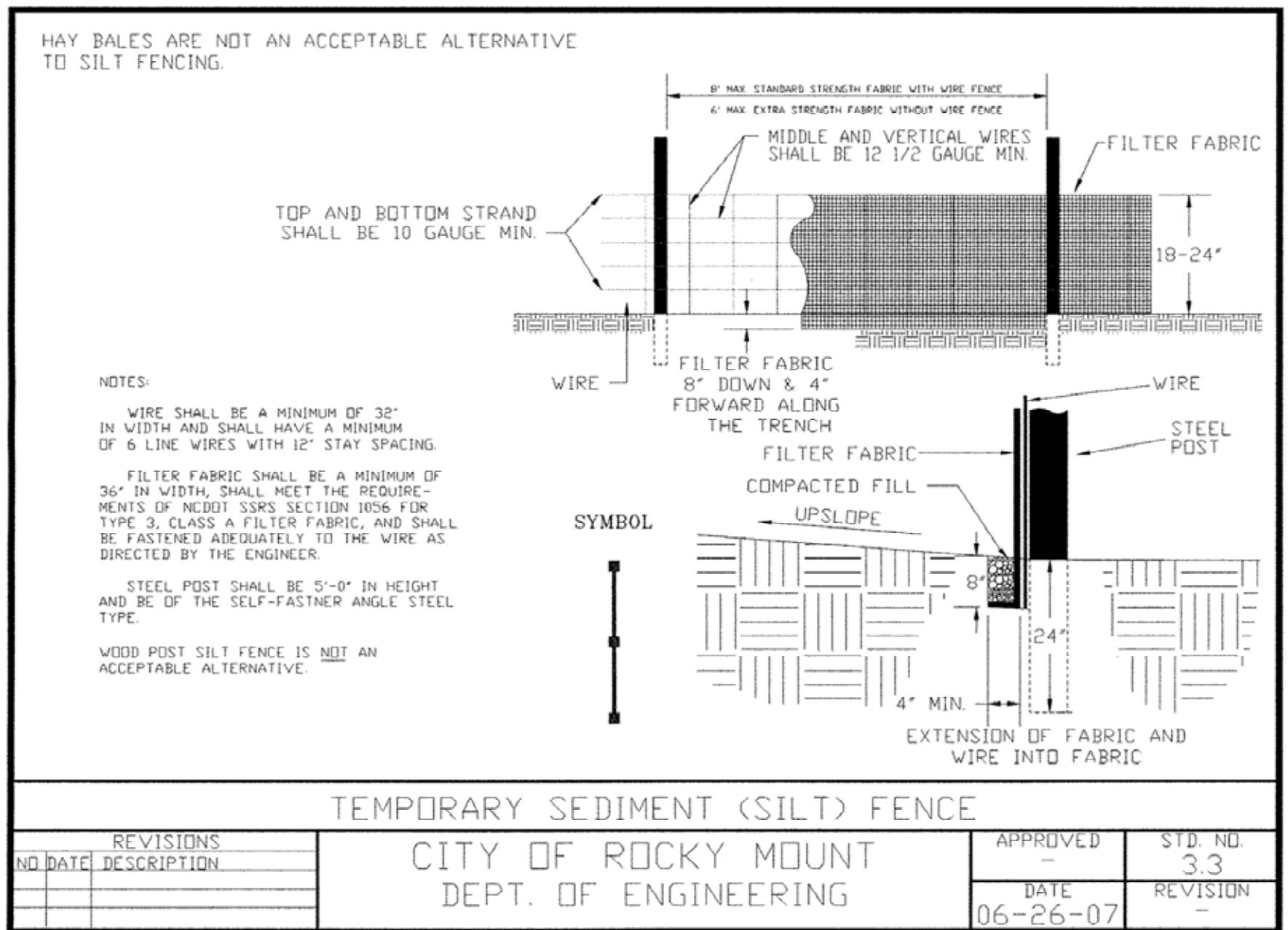
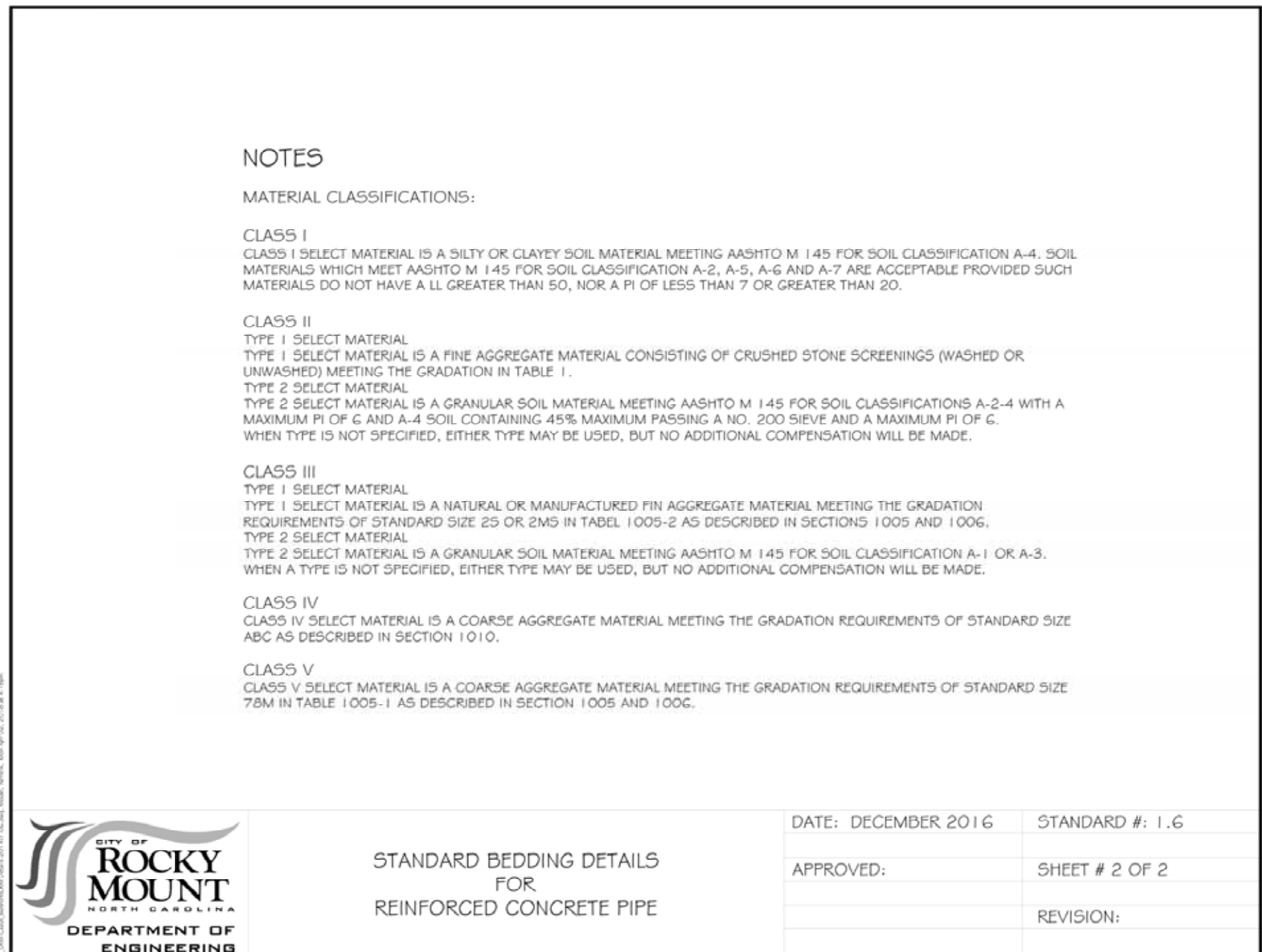
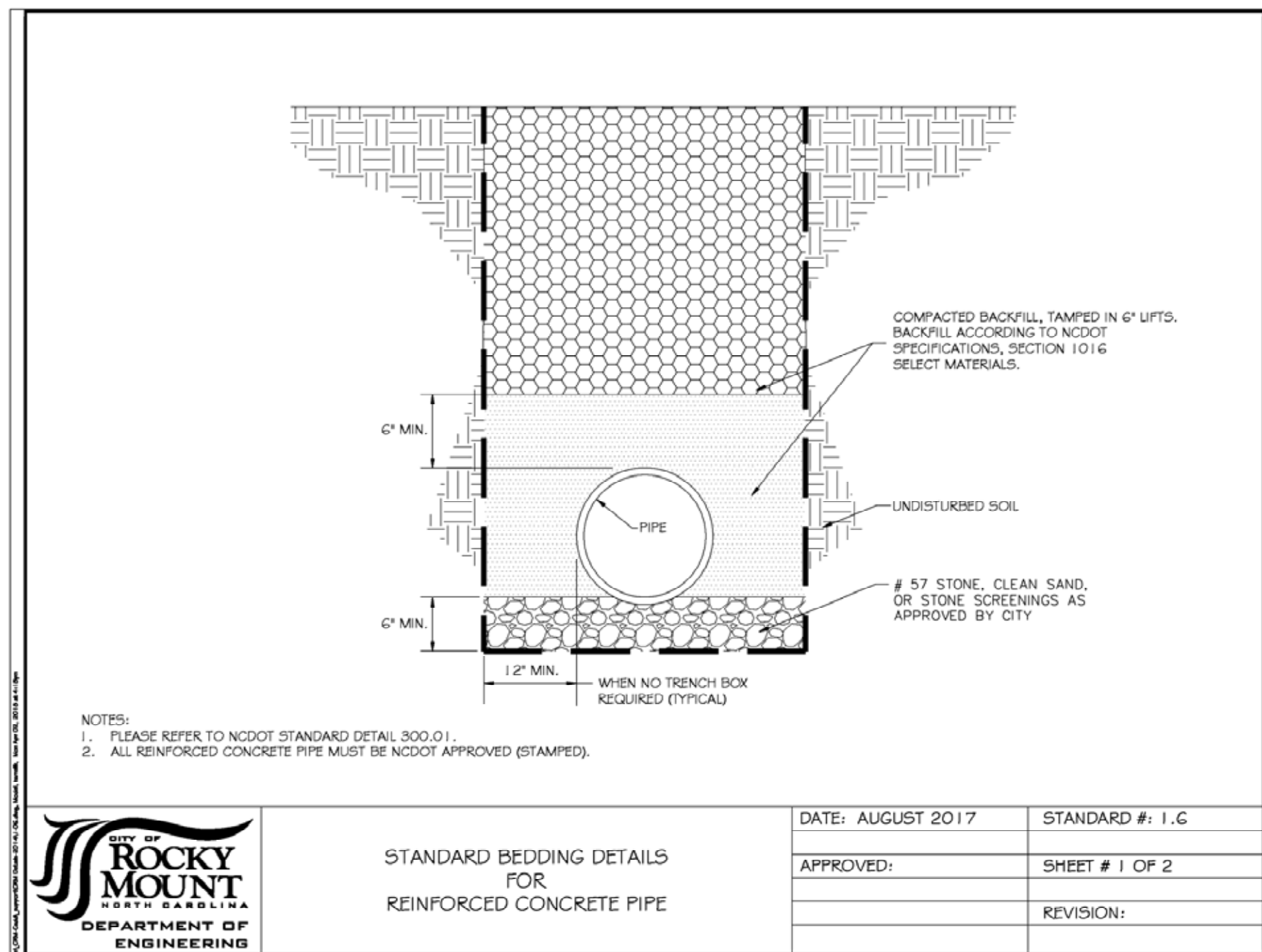
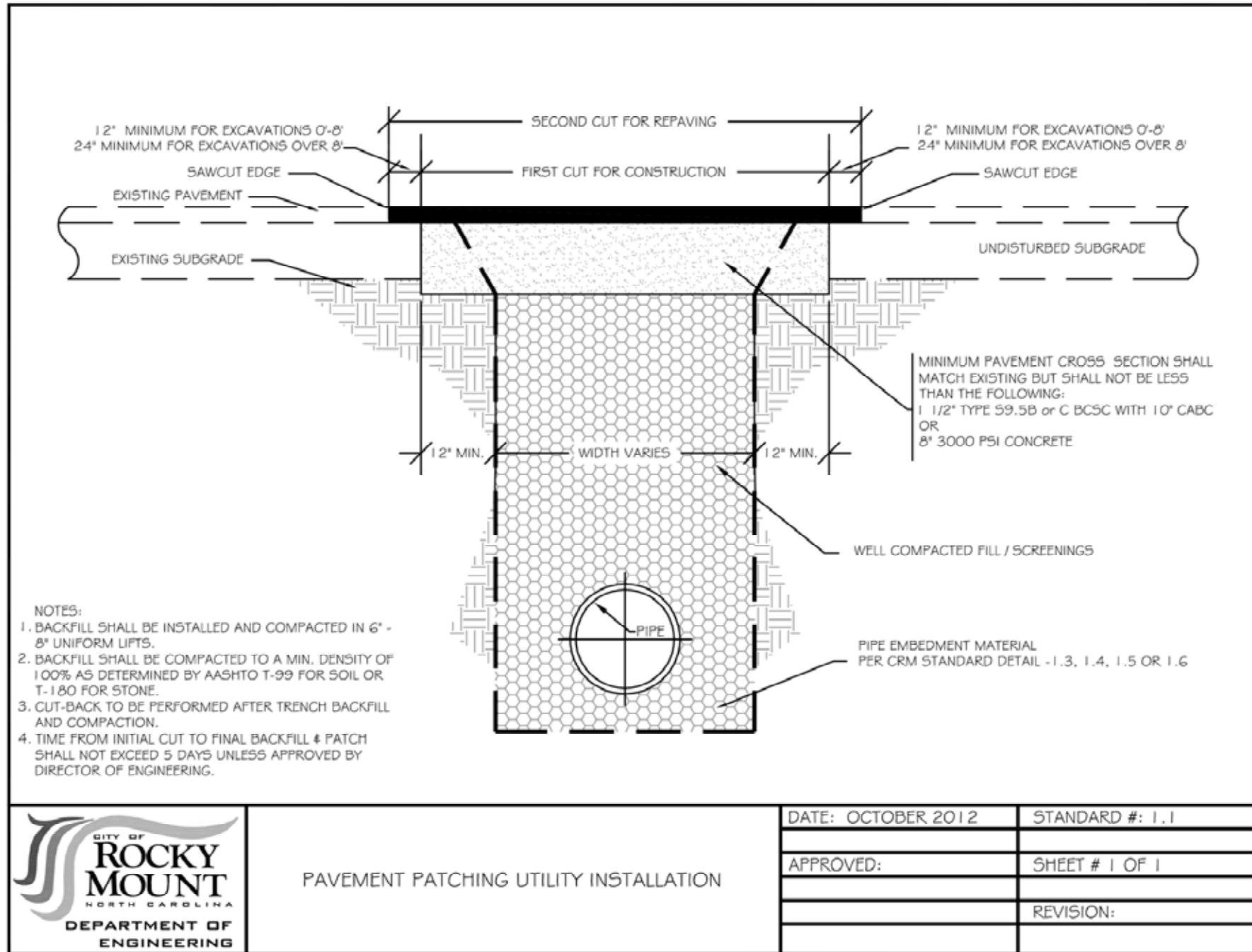
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CONTRACTOR TO PROVIDE 10 FT WIDE x 7 FT
PAVED TURNOUT AT EACH EX. DRIVEWAY.

EROSION & SEDIMENTATION CONTROL:
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CONTAINING SEDIMENT ON-SITE AND SHALL
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REVISIONS

NO.	DATE	DESCRIPTION
1	11/16/2022	David Revor
2	11/16/2022	David Revor
3	11/16/2022	David Revor
4	11/16/2022	David Revor
5	11/16/2022	David Revor
6	11/16/2022	David Revor
7	11/16/2022	David Revor
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26	11/16/2022	David Revor
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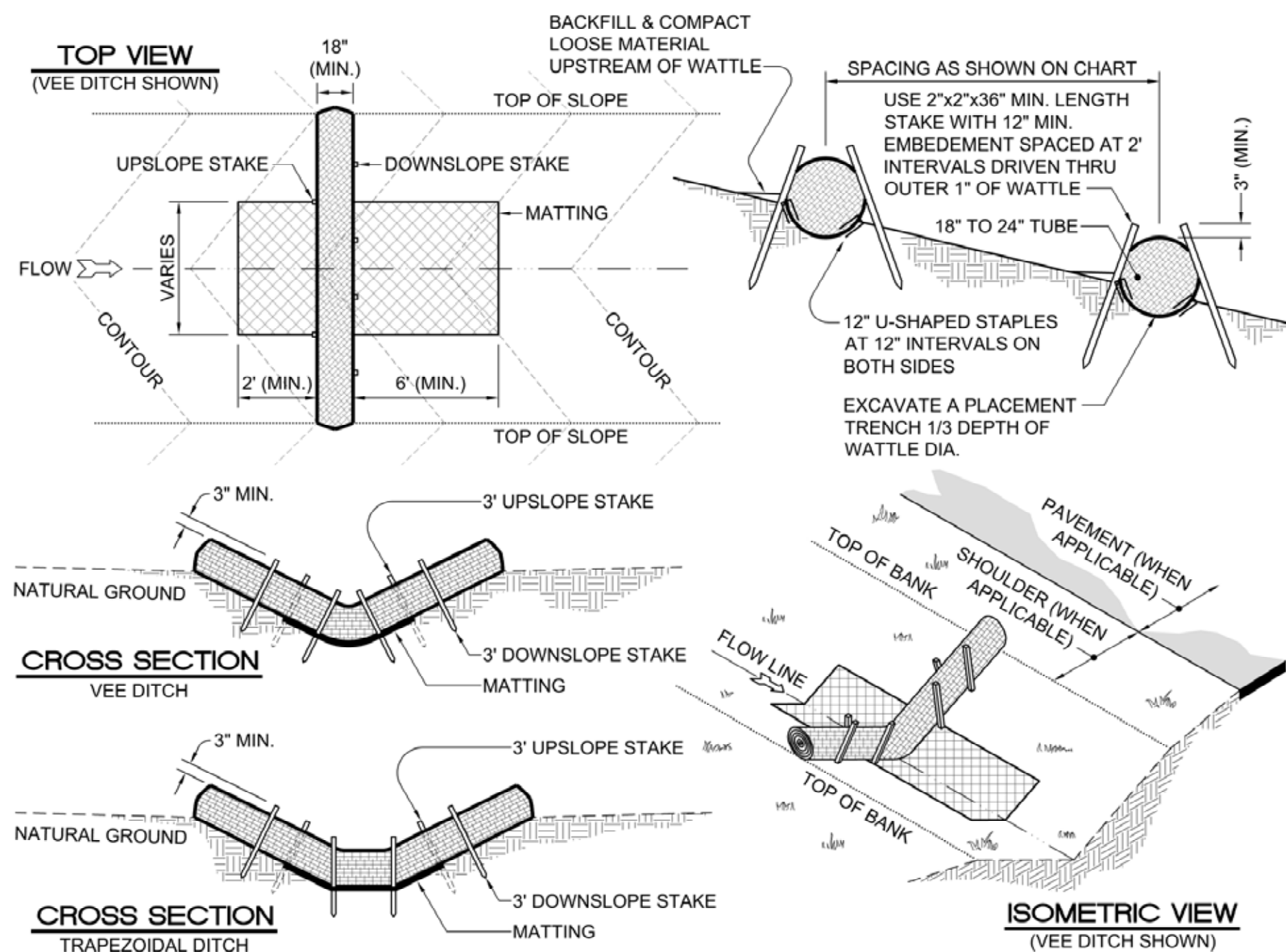
THESE PLANS WERE PRINTED USING COLOR. IF THIS NOTE IS NOT SHOWN IN RED, PLEASE REFER TO ORIGINAL PLANS.

Final Drawings
Review Purposes ONLY

David C. Revor
SEAL 26959
ENGINEER
DAVID C. REVOR
11/16/2022

CONSTRUCTION DETAILS for
Dirt Street Paving Project:
Lewy Lane & Triple Court
Edgecombe County, Rocky Mount, N.C.

21-124
D-0000
D-1



WATTLE CHECK DAM

Use coir (coconut fiber) fiber or excelsior wattle as shown on the plans. These 3-D tubular check dam logs installed in ditches and others areas of concentrated flow are used to: reduce runoff velocity, reduce gully erosion in ditch bottoms, remove sediment and soluble pollutant. Introduce PAM to runoff at wattles only as directed by Engineer.

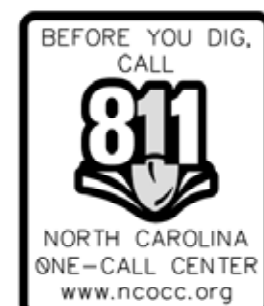
Sediment wattles are to be installed as slopes are constructed to grade or as directed by Engineer. Size, installation and maintenance shall be per manufacturer's specifications and as field conditions warrant.

CHECK DAM (CHANNEL PROTECTION) APPLICATIONS:

1. Use minimum 18" diameter coir (coconut) fiber or excelsior wattle as directed by Engineer.
2. Excavate trench to 1/3 depth of the wattle diameter.
3. Wattle to be in continuous contact with trench bottom and sides. No daylight should be seen under the wattle.
4. Use 3" wooden stake with a 2"x2" nominal cross section.
5. Only install wattles to a height in ditch so that flow will not wash around wattle and scour ditch slopes as directed.
6. Install a minimum of 2 upslope stakes and 4 downslope stakes at an angle to wedge wattle to bottom of ditch. Drives stakes at least 12" in ground and ensure a minimum of 3" of the stake above the top of the wattle. Penetrate the outer 1" of the wattle.
7. Provide staples of 0.125 (11-gauge) diameter steel wire formed into U-shape not less than 12" in length.
8. Install staples approximately every 1 LF on both sides of wattle and at each end to secure it to soil.
9. If matting not already in ditch, install section of matting under wattle. Matting to extend 2' min. upstream and 8' min. downstream of wattle.
10. If instructed by Engineer, apply 3.5 ounces of PAM to center of wattle and after every rain event equal to or exceeding 0.25".

104.01B WATTLE CHECK DAM

NOT TO SCALE REV., 11-21-19



These plans are for bidding purposes only and are not to be used as Construction drawings unless Initialed and dated as approved for Construction below by the Engineer.

Approved for Construction: _____ Date: _____

BOUNDARY DESCRIPTION SHOWN IS NOT FOR RECORDATION.

RECORD DRAWINGS:

These drawings are believed to be a correct representation of actual field conditions but are not warranted as such.

By: _____ Date: _____

CONSTRUCTION SAFETY

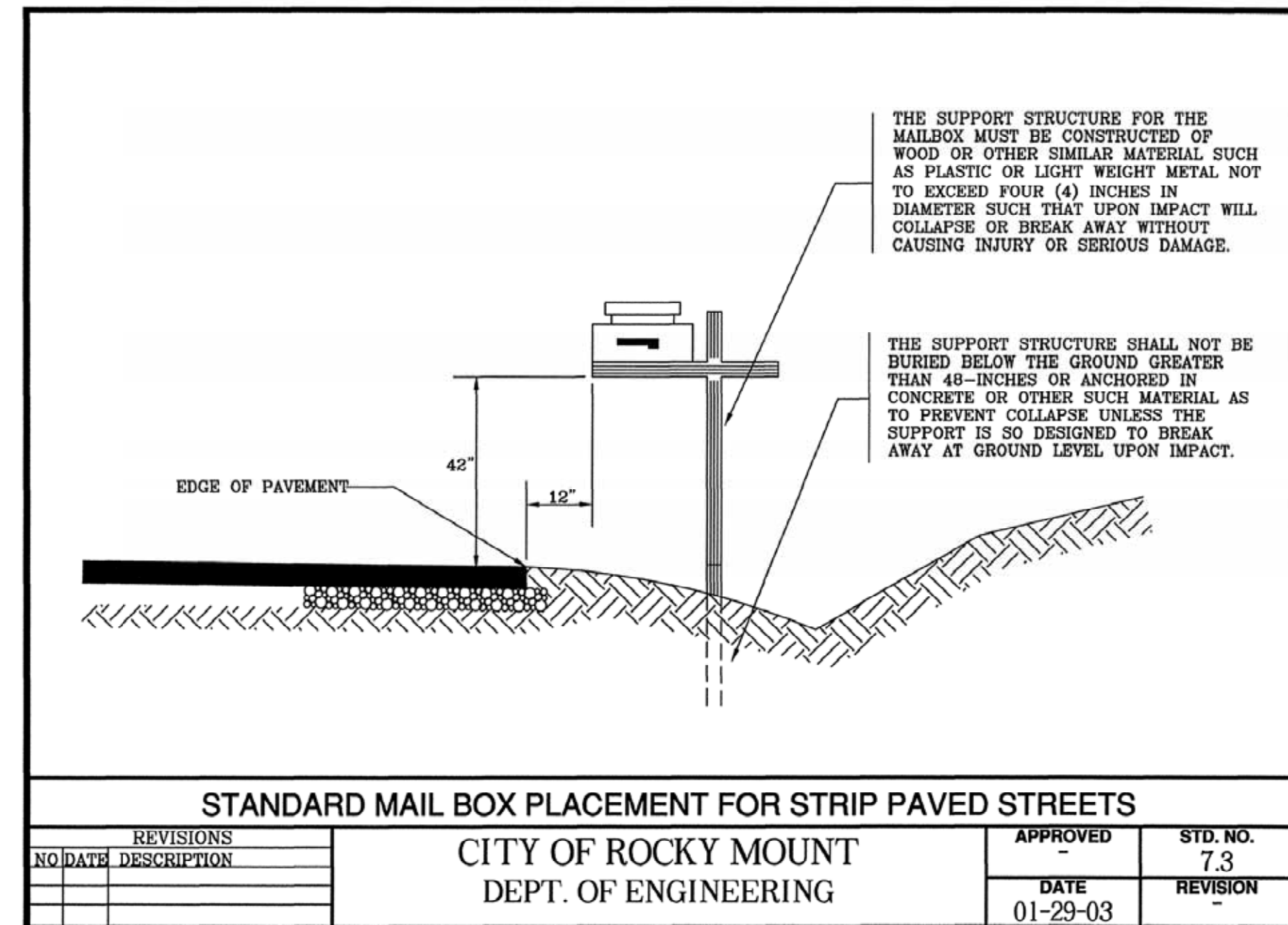
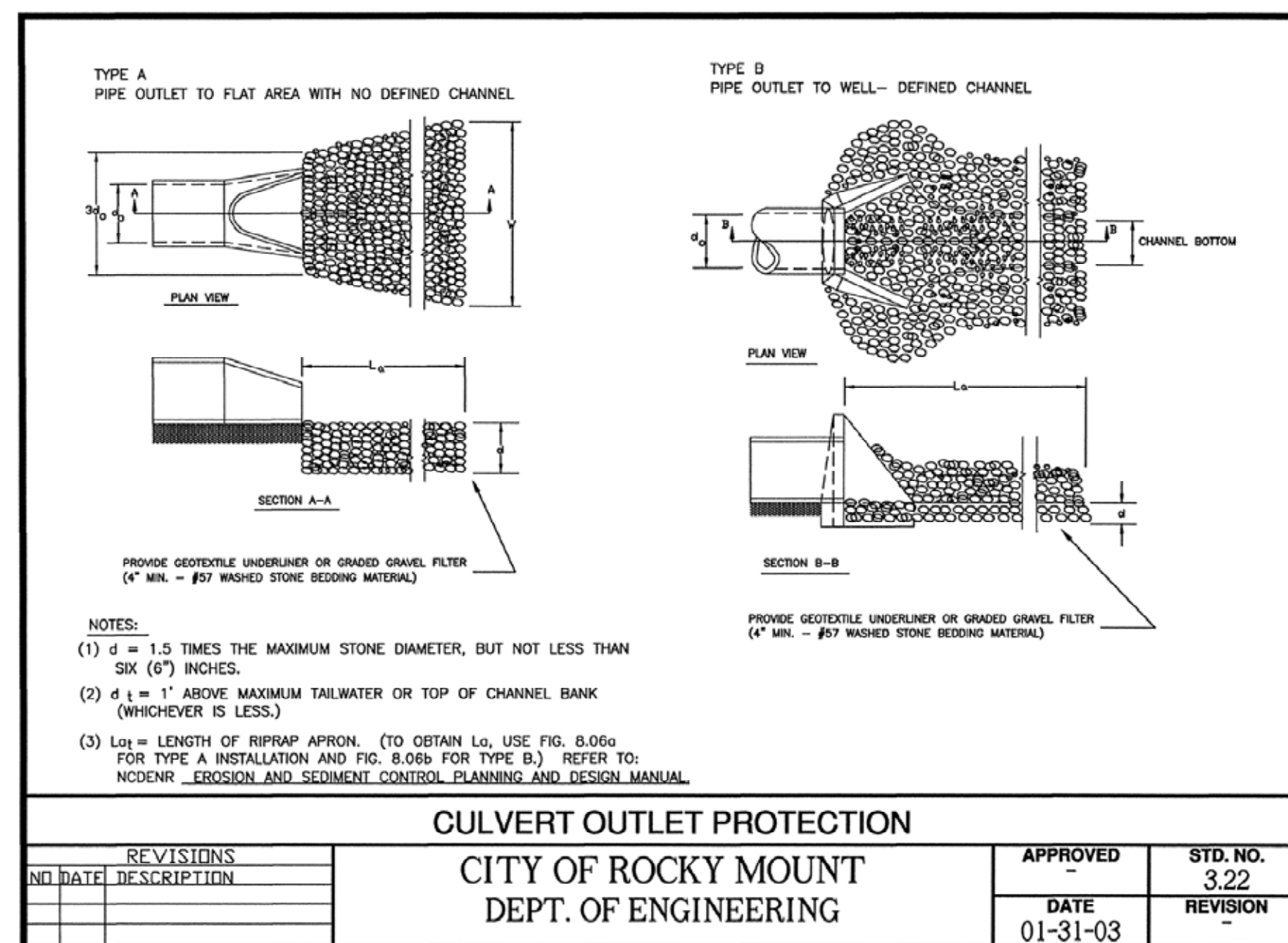
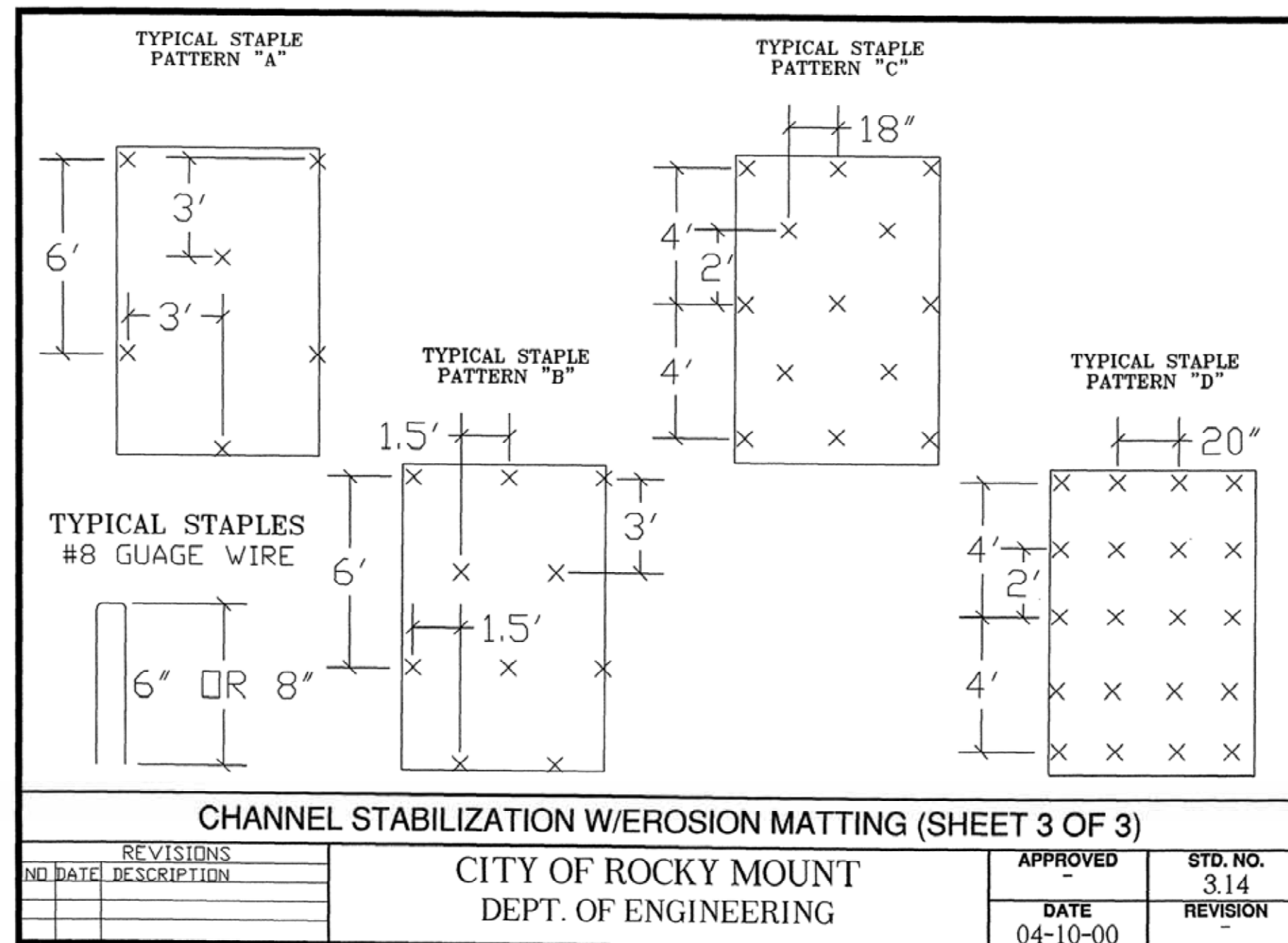
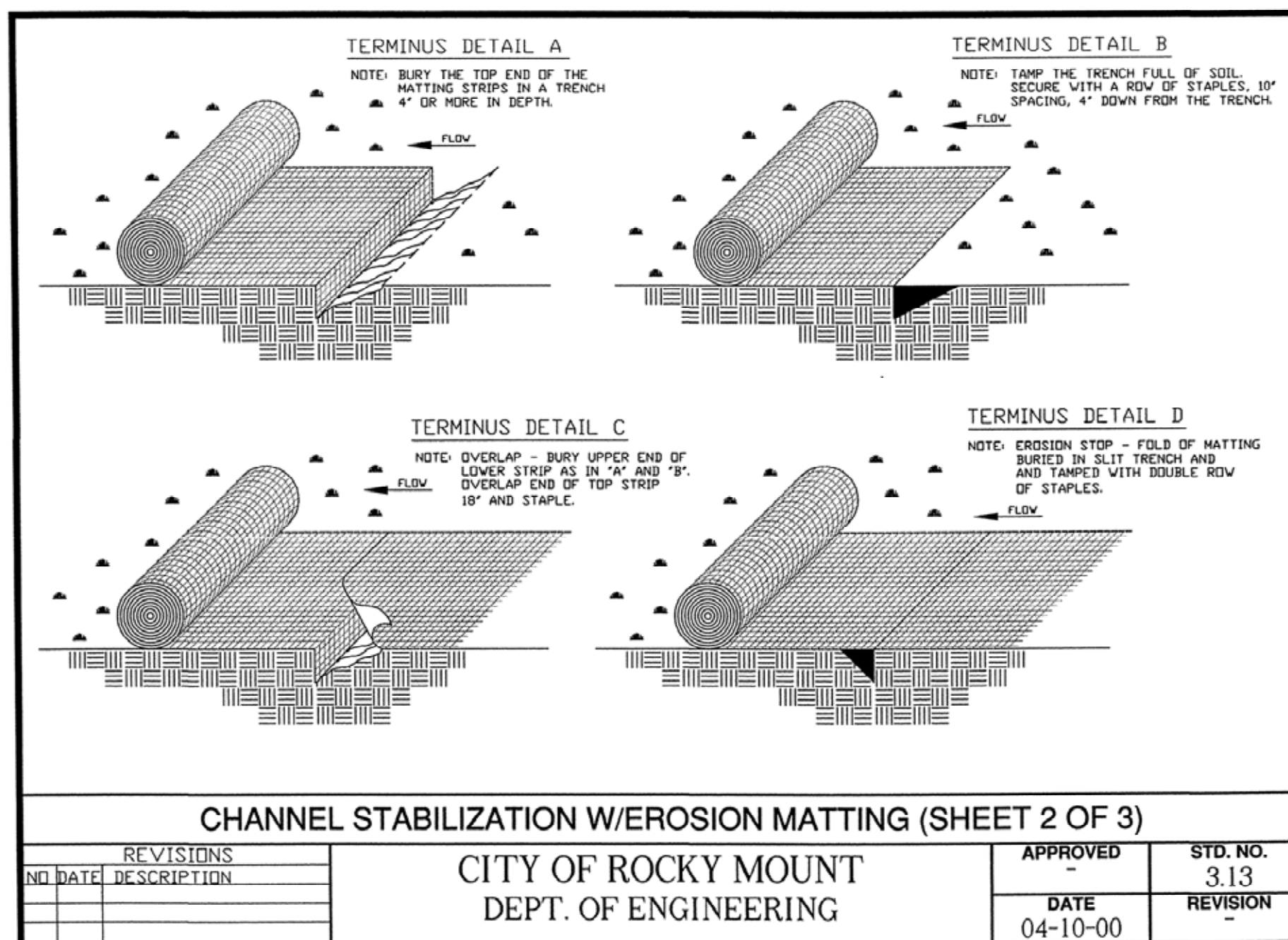
These drawings do not contain the requirements for job safety. All provisions for safety shall be the sole responsibility of the contractor.

EXISTING CONDITIONS:

The contractor shall be responsible for reviewing all existing job conditions. Any adverse existing conditions affecting work shown on these drawings shall be brought to the attention of the engineer for possible clarification or reconciliation.

ADA AND LEGAL DISCLAIMER

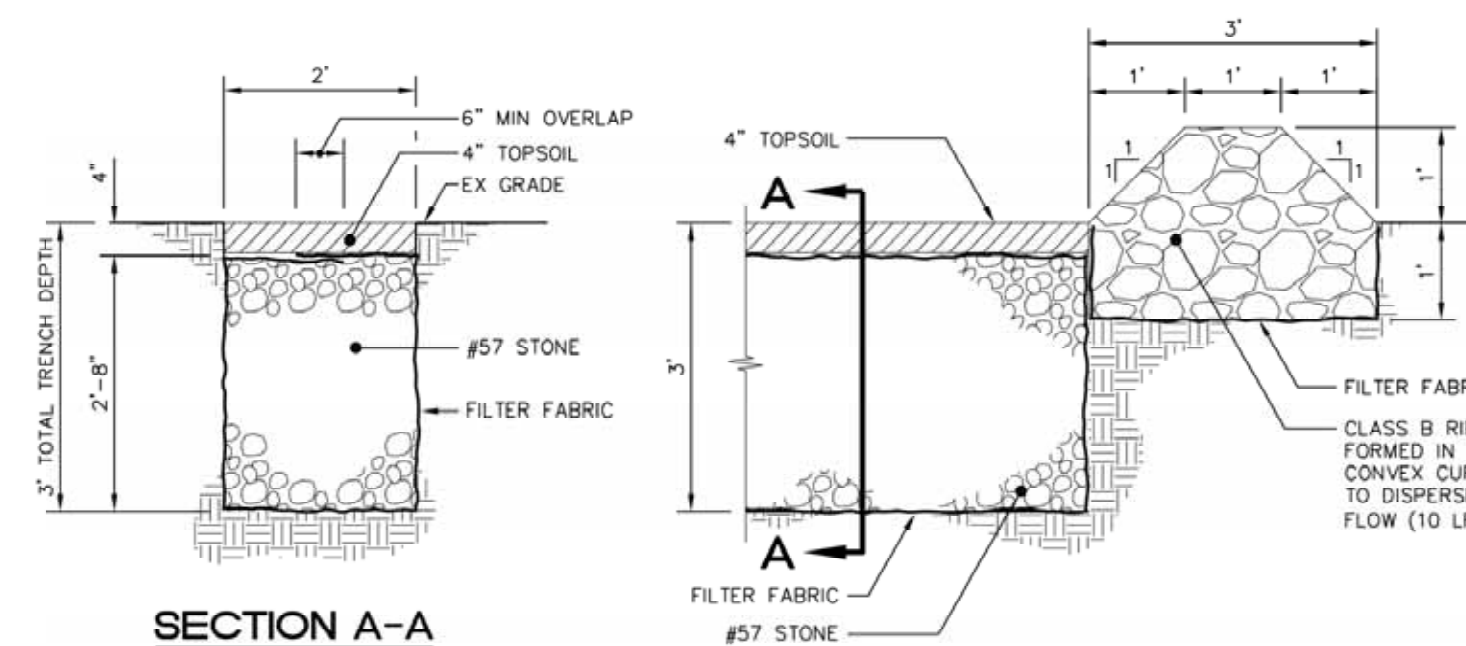
This document is not represented to comply with all requirements contained in the ADA or other laws. Engineers are not licensed to interpret laws or give advice concerning laws, the owner should have this document reviewed by his attorney to determine legal compliance.



- NOTES:**
1. Only after all contributing drainage areas and upstream ditching have been stabilized with a vigorous standing of vegetation, and after receiving approval from the Engineer, may excavation of permanent infiltration trench begin.
 2. Clear the area of trees, stumps, roots, loose rock, and other objectionable material. Install downstream erosion control measures (ie, rock dam, wattles, etc.) as needed to maintain sediment on-site. Excavate the trench length and width as shown on the plans (trench size is job-specific based on estimated runoff).
 3. **SYNTHETIC FILTER FABRIC** (Miras 140N, or approved equal): Place the cloth filter directly on the prepared foundation. Overlap the edges by at least 6 inches, and space anchor pins every 3 ft along the overlap. Bury the upstream end of the cloth a minimum of 12 inches below ground and where necessary, bury the lower end of the cloth or overlap with the next section as required.
 4. Take care not to damage the cloth when placing alone. If damage occurs remove the stone, and repair the sheet by adding another layer of filter material with a minimum overlap of 6 inches around the damaged area. If extensive damage is suspected, remove and replace the entire sheet.
 5. **STONE PLACEMENT:** Placement of stone should follow immediately after placement of the fabric. Take care not to dislodge the underlying base or filter when placing the stones.
 6. **TOPSOIL:** After installation of stone and filter fabric, Contractor to install 4" topsoil and permanent seeding. Refer to project specifications.
 7. **TEMPORARY LINER:** If required by Engineer, Contractor to install temporary liner/blanket of Curlex I CL excelsior wood fiber erosion control blanket (NCDOT Approval NP02-4029), or approved equal.
 8. The finished grade of the trench (with the exception of the rip rap dam) should blend with the surrounding area.
 9. **RIP RAP OUTLET DAM** to be installed over filter fabric as described above and in a convex curve to disperse flow. Refer to project specifications.
 10. Perform all channel construction to keep erosion and water pollution to a minimum. Immediately upon completion of the channel, vegetate all disturbed areas or otherwise protect them against soil erosion.

MAINTENANCE:

11. Inspect trench weekly and after significant (1/2 inch or greater) as well as after major rains, and make repairs promptly. Give special attention to the outlet and inlet sections and other points where concentrated flow enters.
12. Maintain all vegetation adjacent to the channel in a healthy, vigorous condition to protect the area from erosion and scour during out-of-bank flow.



DATE	BY	DESCRIPTION
11/16/2022	Code Ford	REVISIONS
AS NOTED	N/A	DATE
REV. SCALE	N/A	NO. Δ
DATE	DATE	NO. Δ



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