



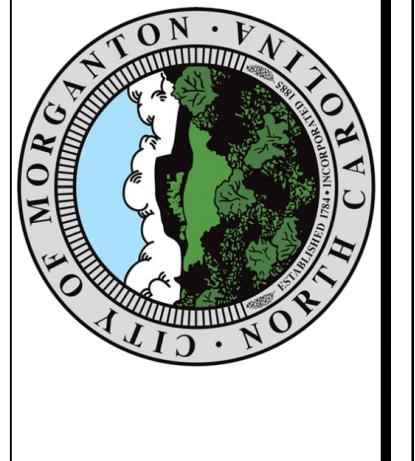
JOB NO: 65421093
 DATE: 06/30/23
 SHEET: EX. A

NOT CONSTRUCTION PLANS
 FOR INFORMATIONAL USE
 ONLY

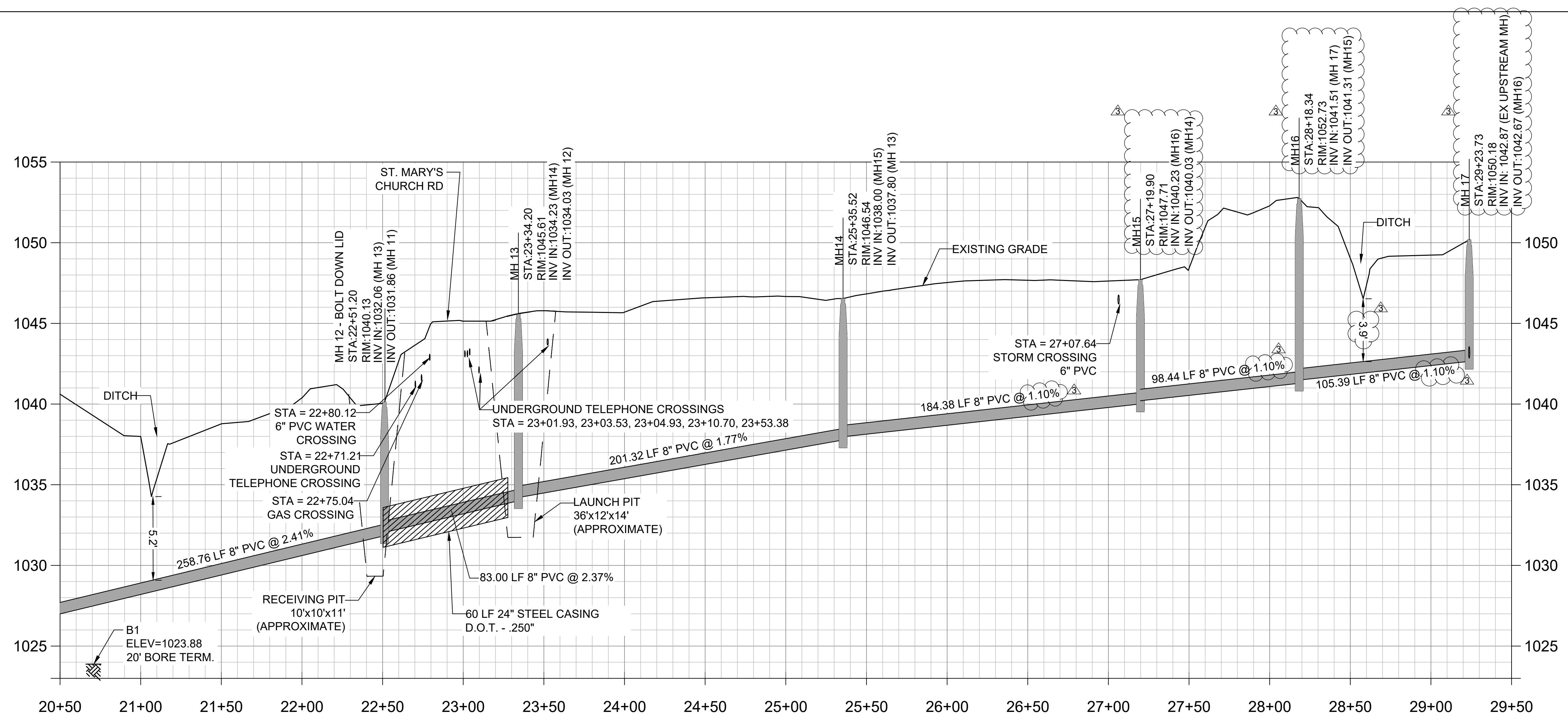
Bost Rd Sewer Improvements
 Morganton, NC
 Site Plan
 Exhibit

DESIGN BY:	DATE:
BRH	06/29/23
DRM	06/29/23
SKO	06/30/23
SKO	06/30/23

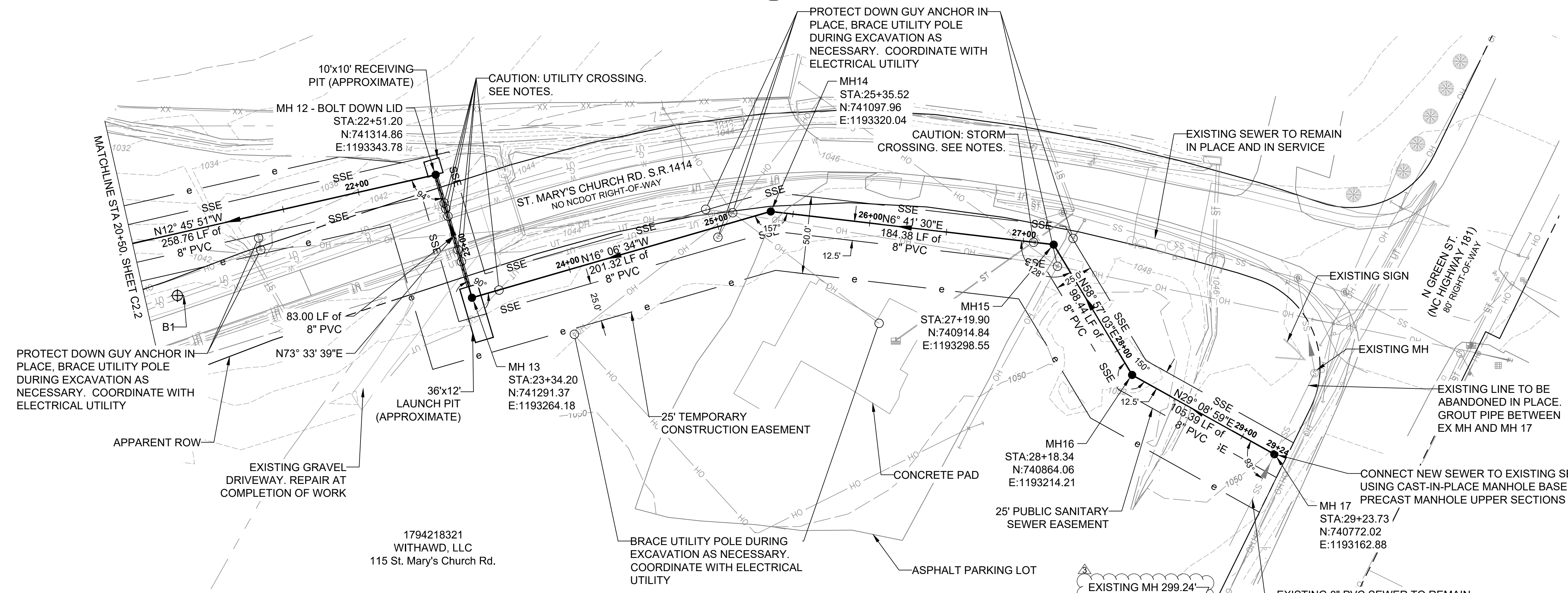
REV	REVISION DESCRIPTION	DATE	DESIGNED	CHECKED	APPROVED



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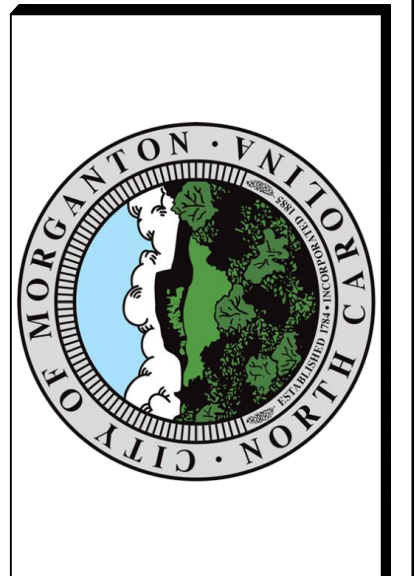
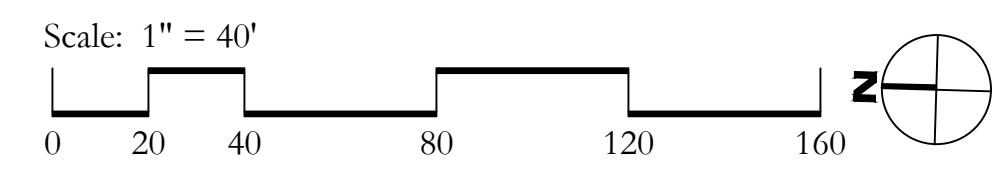


1 PROFILE VIEW
1" = 4' VERT.



2 PLAN VIEW

- NOTES:**
1. FIELD VERIFY ELEVATION OF EXISTING UTILITIES BY POTHOLING PRIOR TO CONSTRUCTION. PROTECT IN PLACE. COORDINATE AND COMPLY WITH CROSSING AND INSPECTION REQUIREMENTS WITH UTILITY COMPANY.
 2. UTILITY CROSSINGS SHOWN AT ASSUMED ELEVATIONS.
 3. CAUTION: WORK AREA INCLUDES OVERHEAD ELECTRIC LINES.
 4. ROADWAY BORE NOTE: CONTRACTOR SHALL PROVIDE SHORING FOR ALL PITS ALONG ROADWAYS PER SPECIFICATIONS.
 5. ALL 8" PVC GRAVITY SEWER PIPE SHALL BE ASTM D3034 PER SPECIFICATION 33 05 05.03.
 6. CONTRACTOR SHALL PROVIDE APPROPRIATE TRANSITION FITTINGS FOR CHANGES IN PIPE MATERIAL.



REV	REVISION DESCRIPTION	DATE	BY	CHKD	APPD
1	Adjusted MH 17 INV in	06/06/22	DM	DM	SK
2					
3					
4					
5					

DESIGN BY:	DATE:
DM	06/06/22
DRAWN BY:	DATE:
DM	06/06/22
CHECKED BY:	DATE:
SK	11/06/22
APPROVED BY:	DATE:
SK	11/30/22

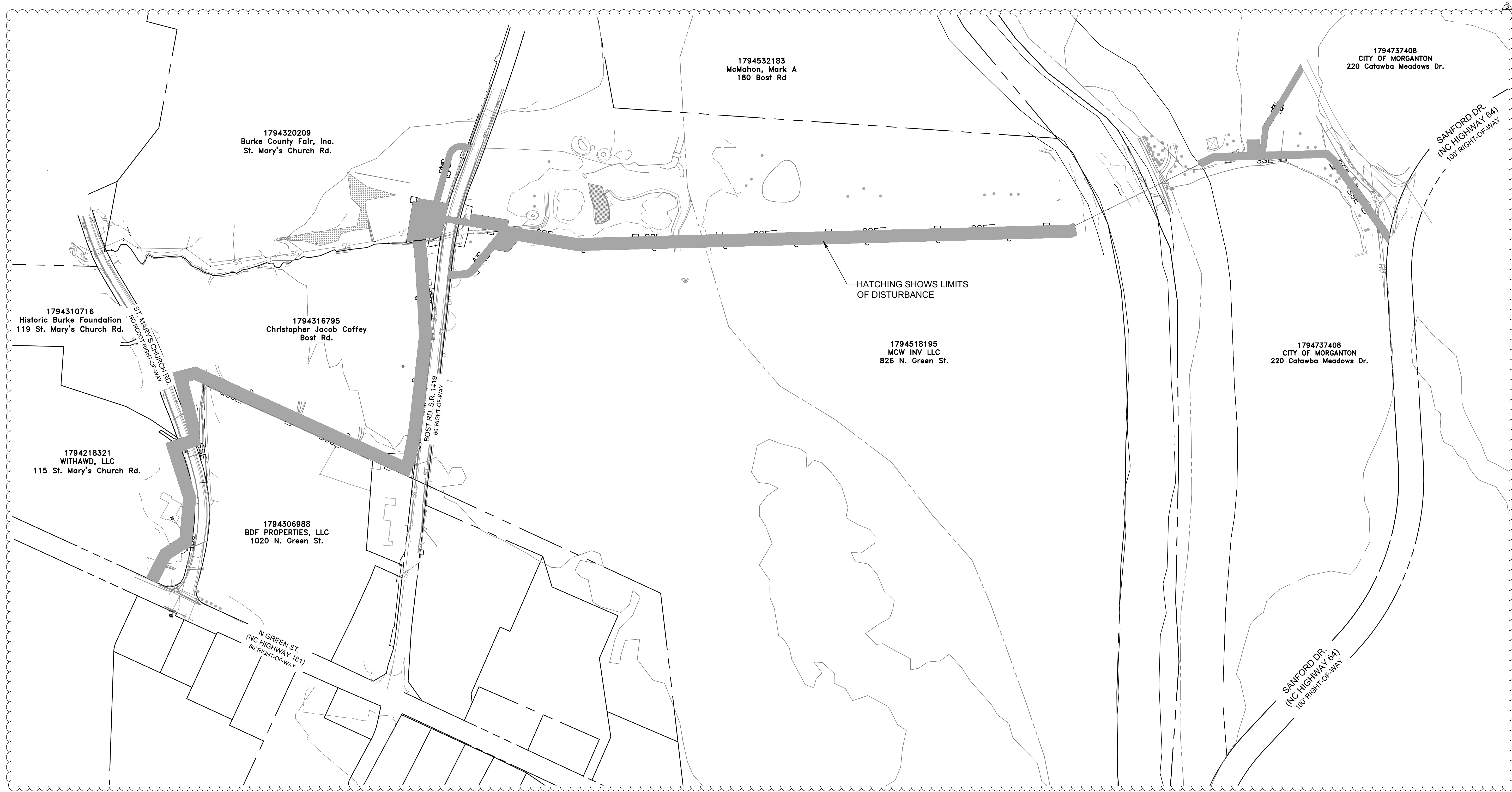
Bost Rd Sewer Improvements
Morganton, NC

Gravity Sewer Plan & Profile
STA 20+50 - END

FINAL DESIGN - 100%
RELEASED FOR
CONSTRUCTION

JOB NO: 65421093
DATE: 05/04/23
SHEET: C2.3

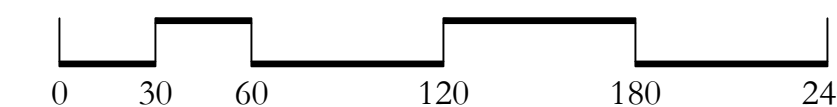
Q:\CHAI\Projects\1083-morganton bost rd\CAD\CDS\1083-PlanProfile-GravitySewer.dwg 7/2/2023 6:44:36 PM



NOTES:

1. PROJECT IS LOCATED WITHIN THE CATAWBA RIVER BASIN, WS-IV CLASSIFICATION.
2. LIMITS OF DISTURBANCE ARE OUTLINED BY TEMPORARY, PERMANENT, AND ACCESS EASEMENT LINE TYPES.
3. THE GRAY HATCHED AREA IN THE PLAN REPRESENT THE FULL LIMITS OF DISTURBANCE FOR THIS PROJECT
4. IF ADDITIONAL AREAS OUTSIDE THE EXISTING LIMITS OF DISTURBANCE ARE REQUIRED BY THE CONTRACTOR, A PLAN SHOWING THE REVISED LIMITS OF DISTURBANCE MUST BE SUBMITTED TO NC DEQ REGIONAL OFFICE FOR REVIEW AND APPROVAL.
5. ADDITIONAL AREAS OUTSIDE THE EXISTING ACCESS ROADS MUST BE SUBMITTED TO NC DEQ REGIONAL OFFICE FOR REVIEW AND APPROVAL.
6. ALL LAYDOWN YARDS AND AREAS USED FOR STOCKPILE OR SPOIL STORAGE MUST BE ENCLOSED BY A TEMPORARY SILT FENCE.

Scale: 1" = 60'



2023.07.03 12:15:49-05190



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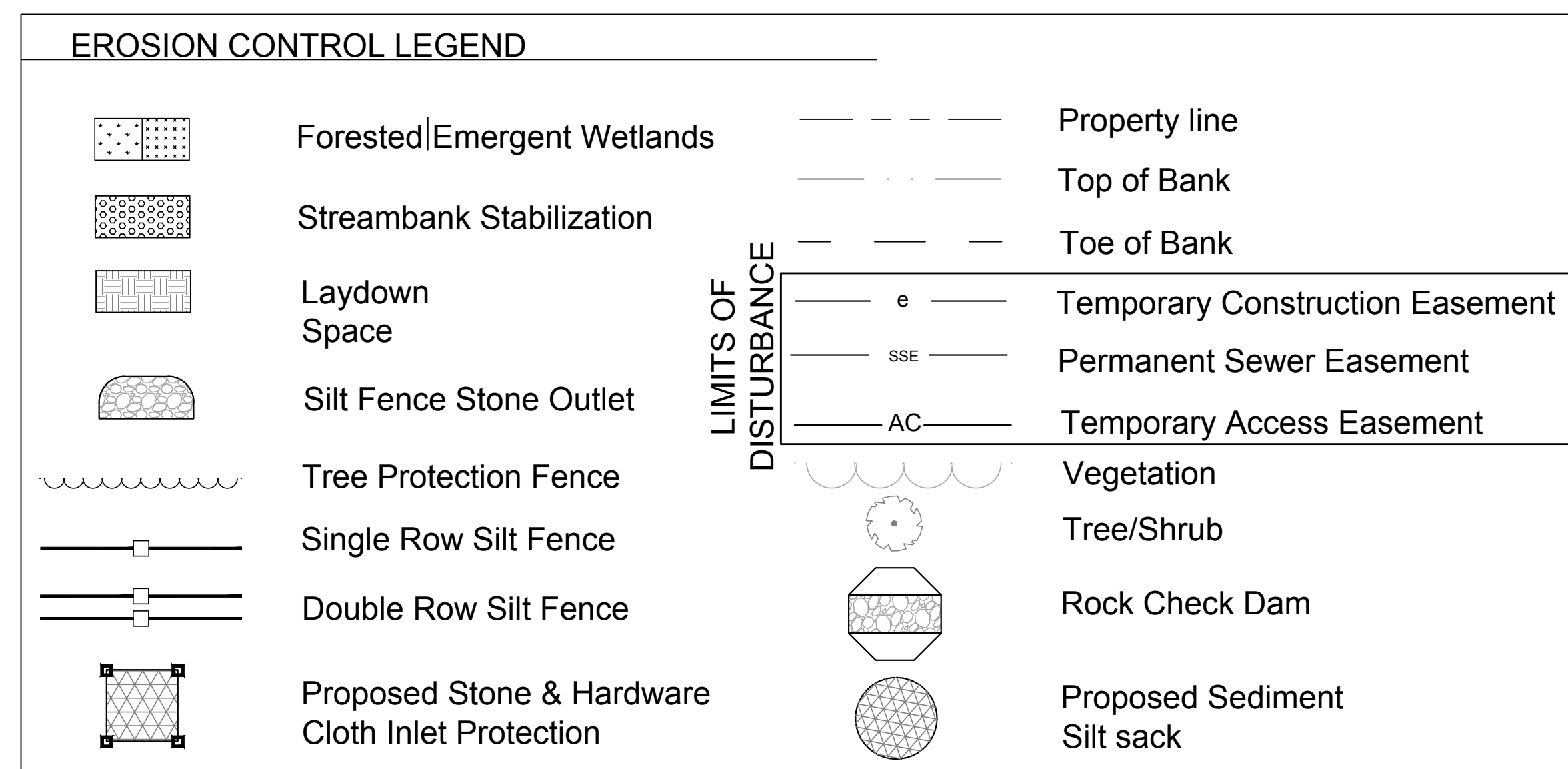
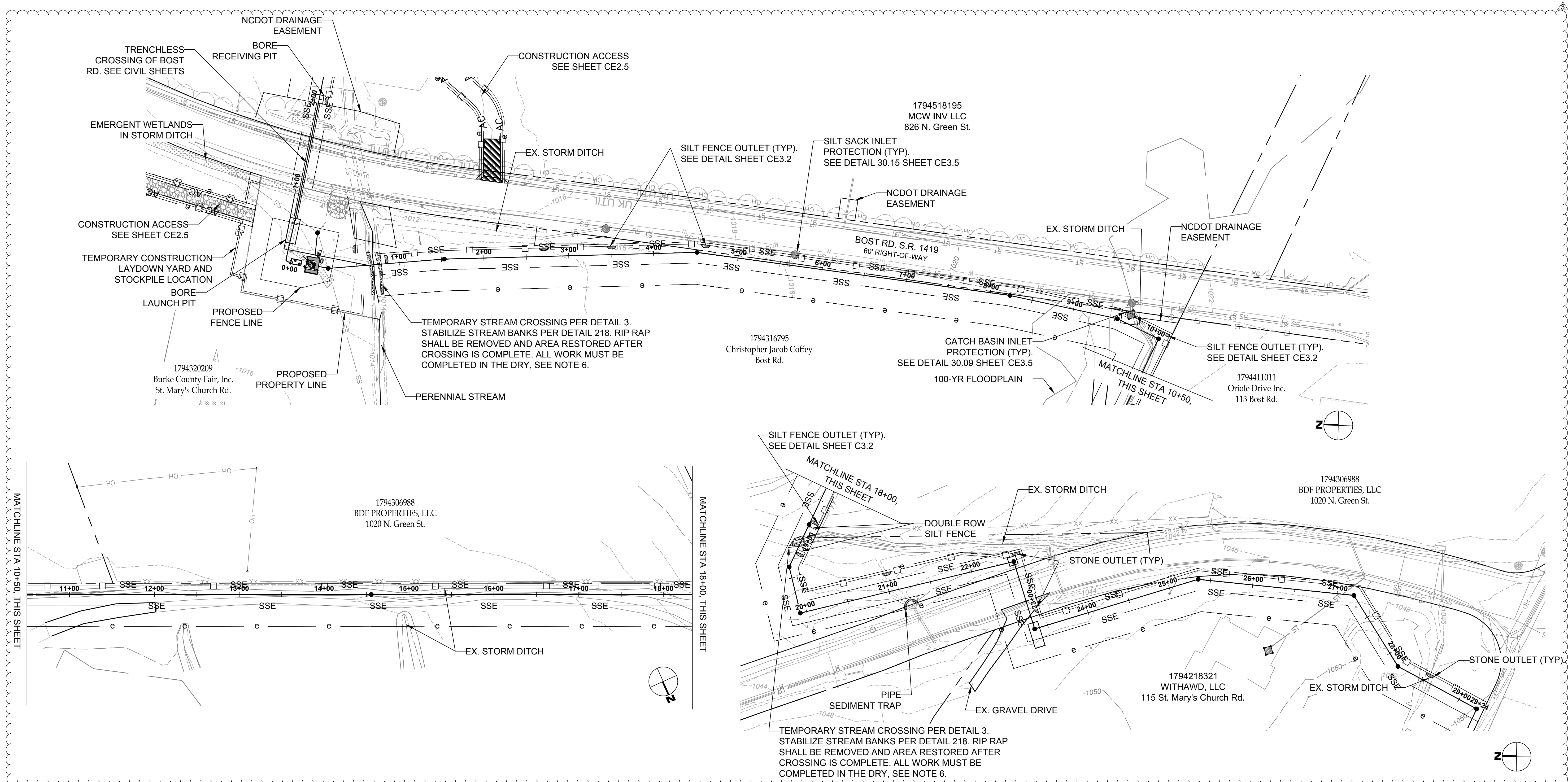
REVISIONS:	DATE:	BY:	DESCRIPTION:
1	06/06/22	DM	Added limits of disturbance hatch
2	11/09/22	EC	
3	11/30/22	SK	

DESIGN BY:	DATE:
BRH	06/06/22
DM	06/06/22
EC	11/09/22
SK	11/30/22

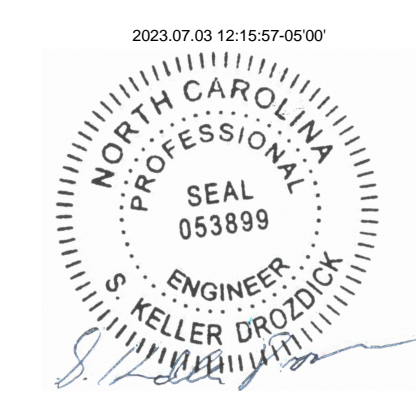
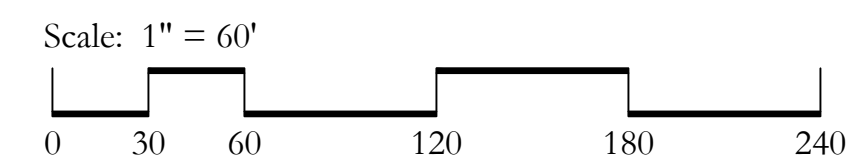
Bost Rd Sewer Improvements
 Morganton, NC
Site Plan
Erosion Control

**FINAL DESIGN - 100%
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 CONSTRUCTION**

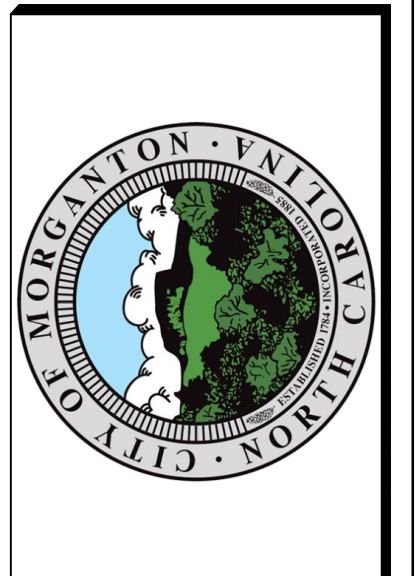
JOB NO: 65421093
 DATE: 05/04/23
 SHEET: CE.1



- ### Notes
1. Polyacrylamides (PAM) shall be used to reduce turbidity and suspended solids whenever a sediment trap, basin, pit, hole or building foundation is being pumped out to remove sediment laden water. This activity must be inspected and approved by the regional erosion control inspector.
 2. Use Double Row Silt Fence along creeks and wetlands.
 3. Silt fence around bore pits, see detail 3 Sheet CE3.4
 4. A ground cover sufficient to restrain accelerated erosion must be provided within 7-14 calendar days of the date of last land-disturbing activity on any portion of the project. See seeding details on Sheet CE3.1.
 5. All diversion ditches and interior basin slopes must be matted. See detail 30.20 on Sheet CE3.2.
 6. Stockpile material for trenches will be placed upslope of the excavation to be promptly backfilled into trenches. Trenches to be stabilized same day for linear pipe work. All work in creeks and streams must be completed in the dry. Please see Detail 30.13 on Sheet CE3.2, Detail 4 on Sheet CE3.5, and Specification 31 23 19 for dewatering requirements.
 7. Any trees designated for protection and any other trees outside easements damaged by contractor shall be replaced as required by the City of Morganton.



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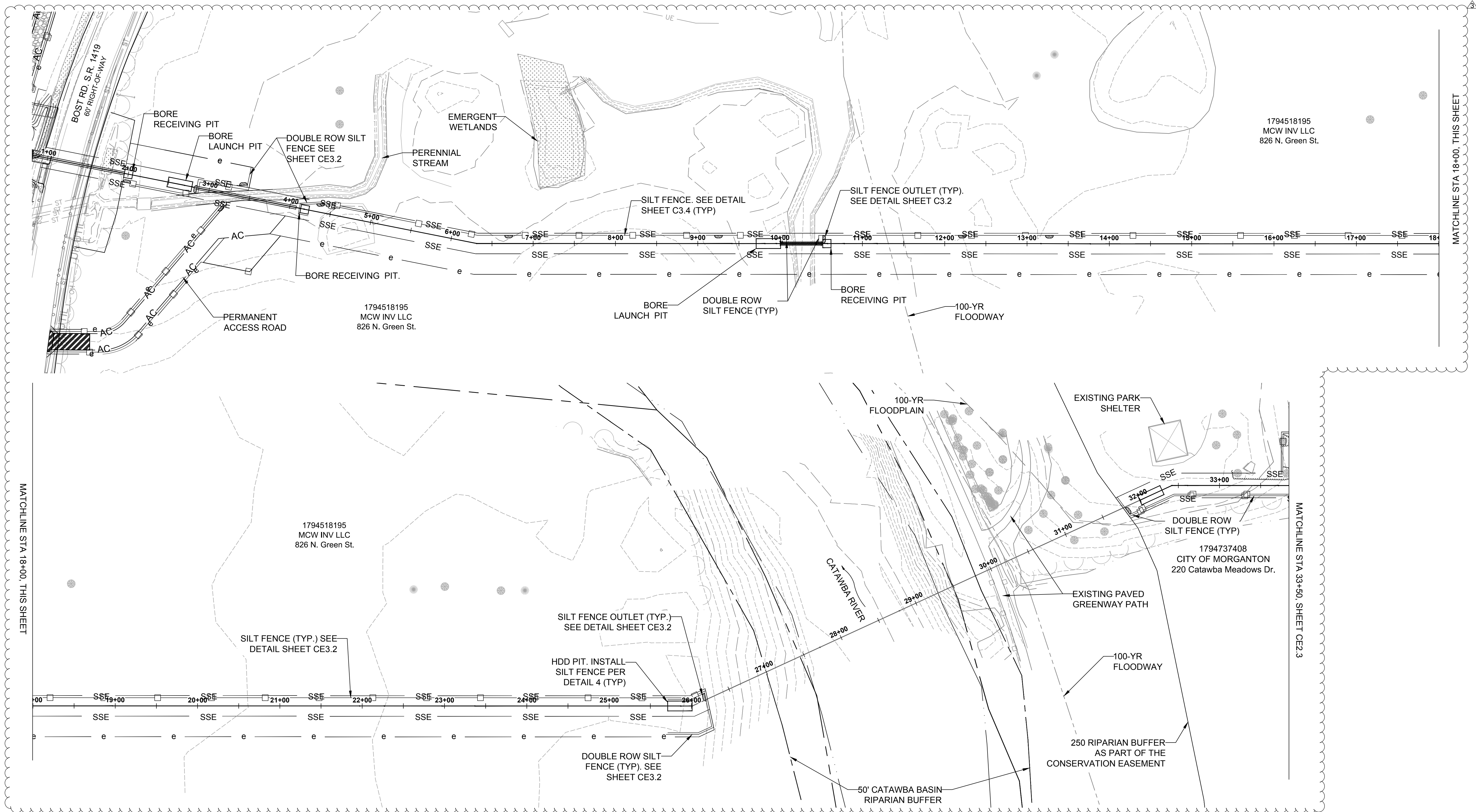
REVISIONS	DATE	BY	DESCRIPTION

DESIGN BY:	DATE:
DRM	06/06/22
CHKD BY:	
APP'D BY:	

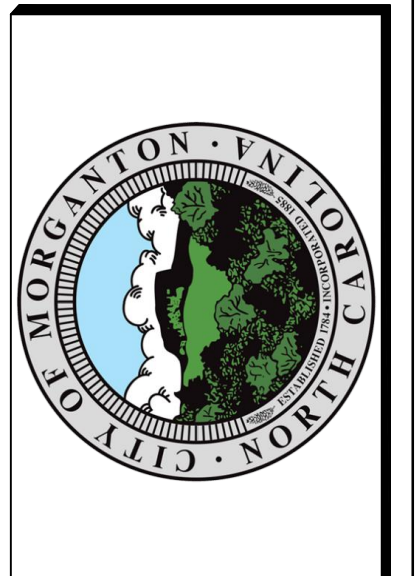
Bost Rd Sewer Improvements
 Morganton, NC
Gravity Sewer Erosion Control

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JOB NO: 65421093
 DATE: 05/04/23
 SHEET: **CE.2.2**



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REVISIONS	DATE	BY	DESCRIPTION
1	06/06/22	DMW	Issue permanent and temp easement
2	11/09/22	ECH	Check
3	11/30/22	SKG	Check

DESIGN BY:	DATE:
BRH	06/06/22
DRAWN BY:	DATE:
DMW	06/06/22
CHECKED BY:	DATE:
ECH	11/09/22
APPROVED BY:	DATE:
SKG	11/30/22

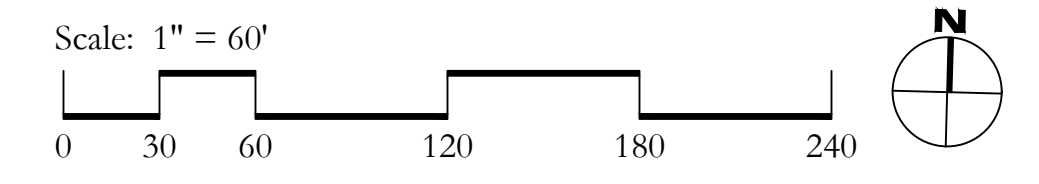
Bost Rd Sewer Improvements
 Morganton, NC
Force Main Erosion Control

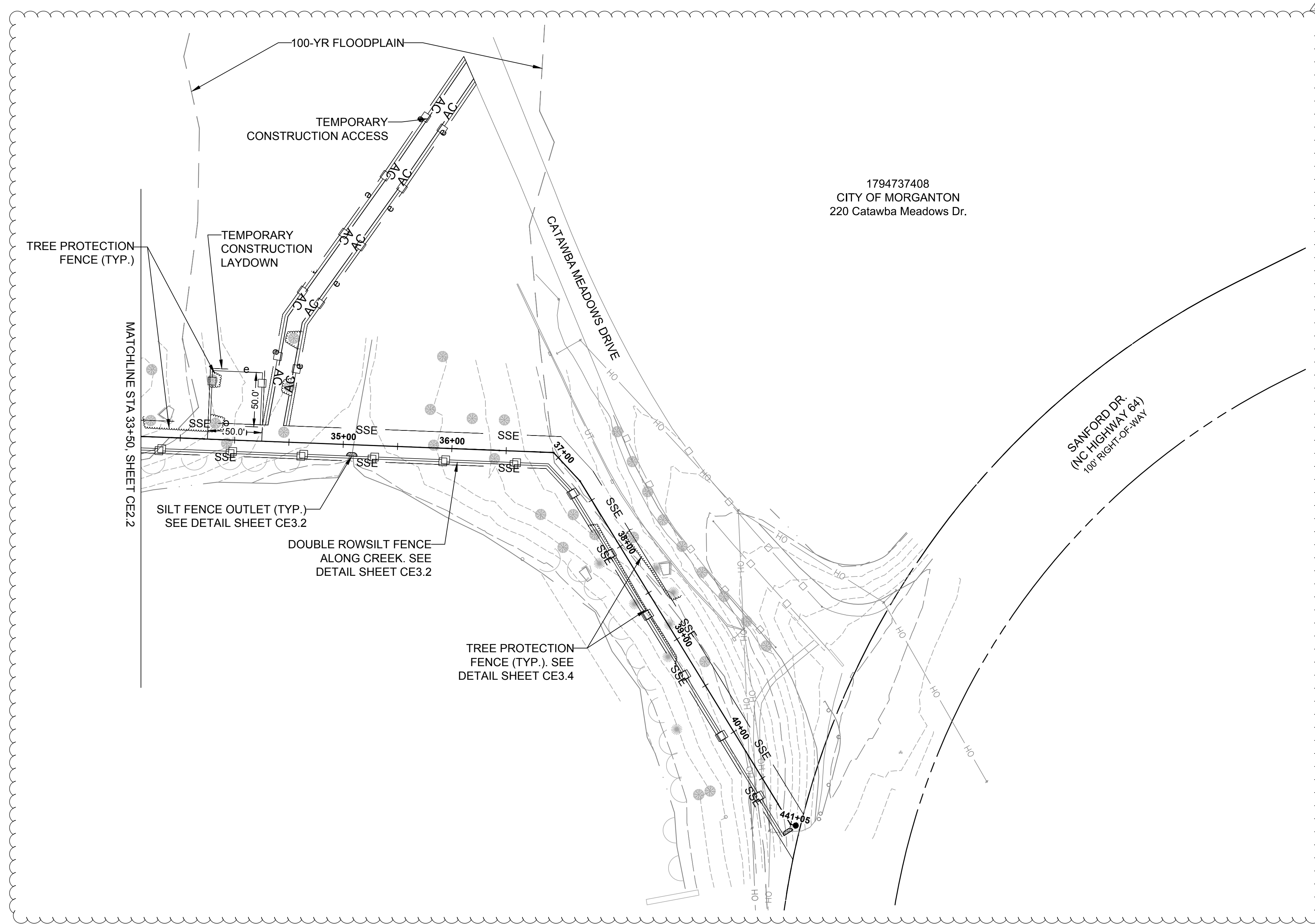
**FINAL DESIGN - 100%
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 CONSTRUCTION**

JOB NO: 65421093
 DATE: 05/04/23
 SHEET: CE2.3

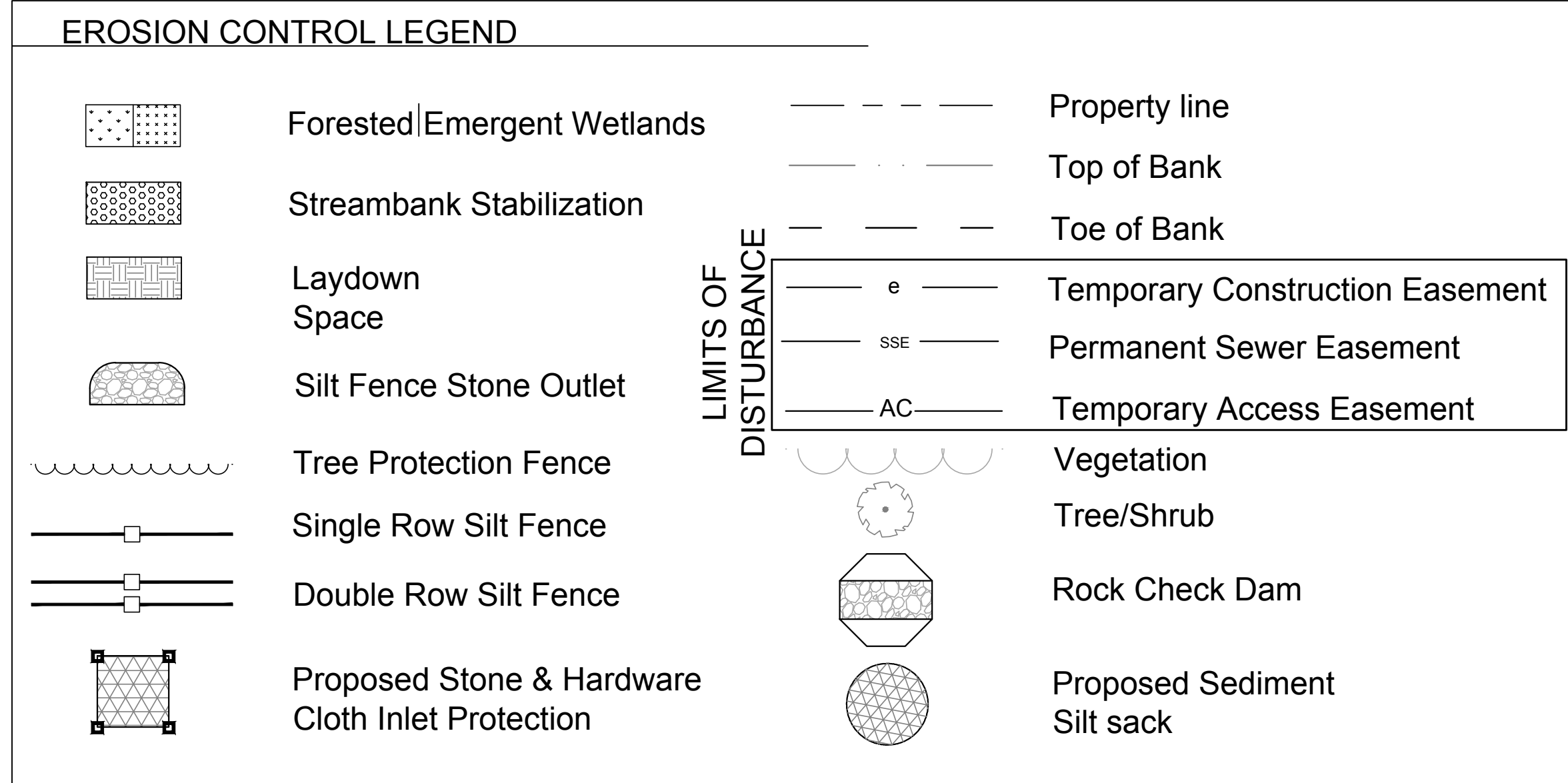
EROSION CONTROL LEGEND	
	Forested Emergent Wetlands
	Streambank Stabilization
	Laydown Space
	Silt Fence Stone Outlet
	Tree Protection Fence
	Single Row Silt Fence
	Double Row Silt Fence
	Proposed Stone & Hardware Cloth Inlet Protection
	Property line
	Top of Bank
	Toe of Bank
	Temporary Construction Easement
	Permanent Sewer Easement
	Temporary Access Easement
	Vegetation
	Tree/Shrub
	Rock Check Dam
	Proposed Sediment Silt sack

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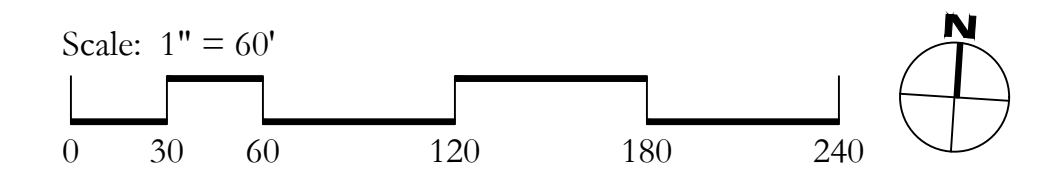




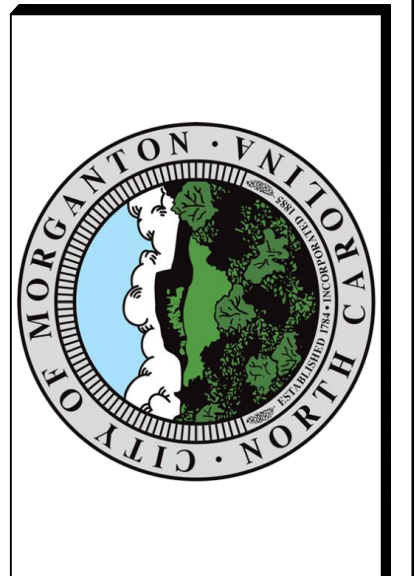
1794737408
CITY OF MORGANTON
220 Catawba Meadows Dr.



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REV	REVISION DESCRIPTION	DATE	DESIGNED	CHECKED	APPROVED

DESIGN BY:	DATE:
BRI	06/06/22
DMM	06/06/22
ECH	11/06/22
SJC	11/30/22

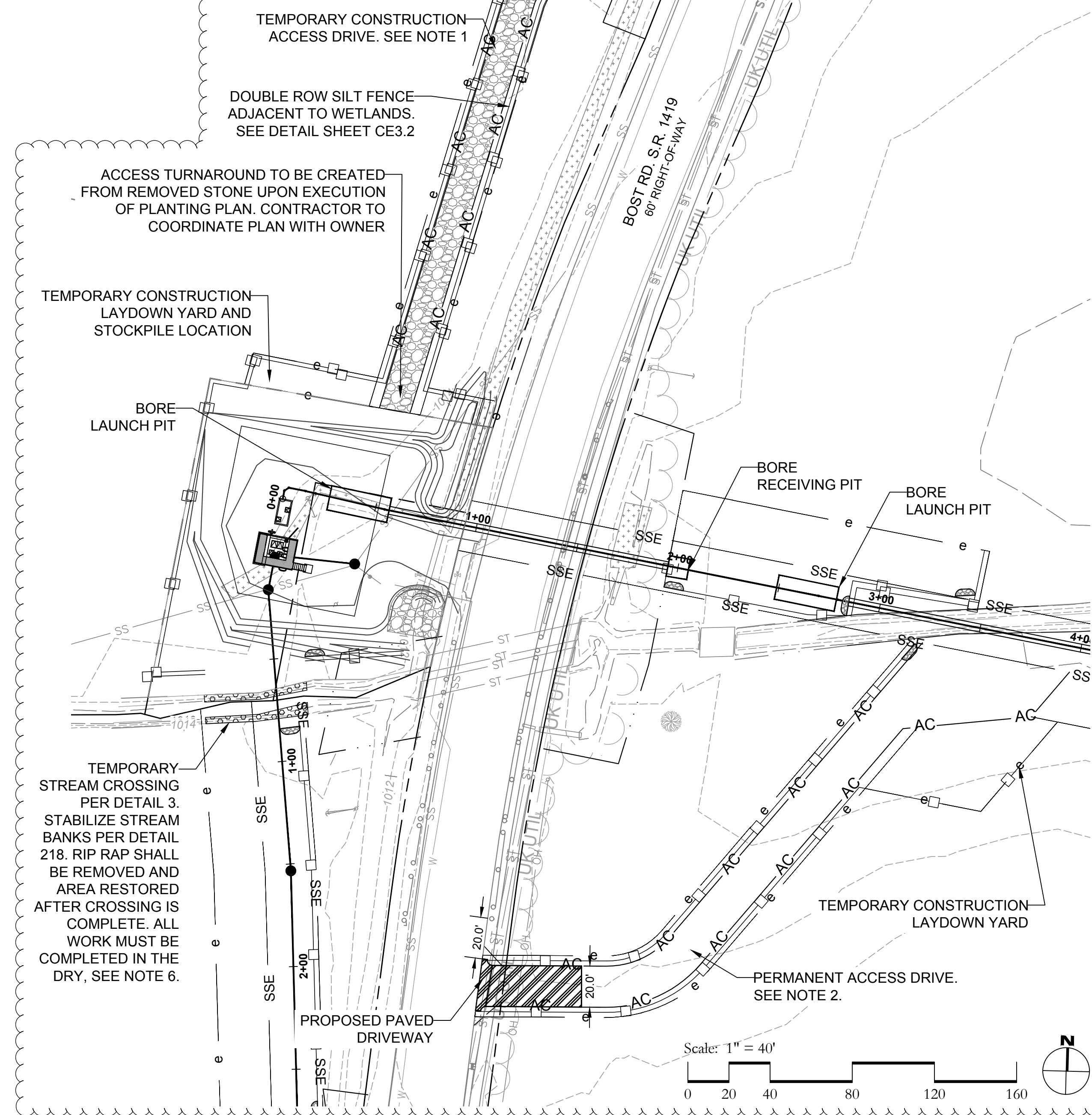
Bost Rd Sewer Improvements
Morganton, NC
Force Main Erosion Control

**FINAL DESIGN - 100%
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CONSTRUCTION**

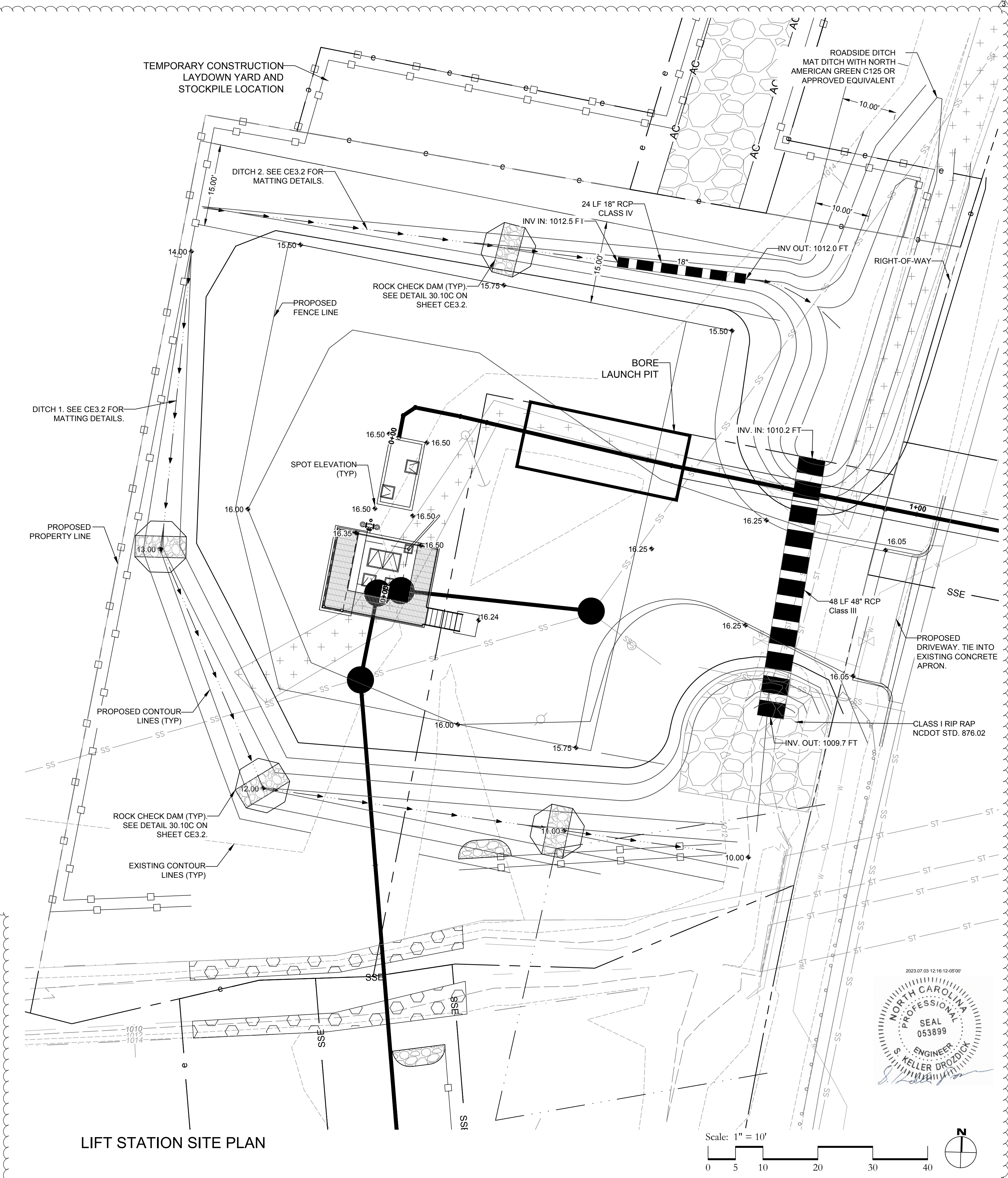
JOB NO: 65421093
DATE: 05/04/23
SHEET: **CE.2.4**

ACCESS DRIVE NOTES:

1. TEMPORARY CONSTRUCTION ACCESS DRIVE TO REMAIN AT END OF PROJECT AND TRANSFERRED TO PROPERTY OWNER.
2. PERMANENT ACCESS DRIVE TO BE INSTALLED AND MAINTAINED BY CITY OF MORGANTON. DRIVEWAY PERMIT TO BE ACQUIRED.
3. ACCESS LIMITED TO THE CONSTRUCTION ACCESS. IF CONTRACTOR WISHES TO USE THE EXISTING DRIVE THEY MUST SUBMIT DETAIL FOR SEDIMENT TRACK AND OBTAIN PRIOR APPROVAL FROM ENGINEER.
4. DO NOT IMPACT ANY WETLANDS OUTSIDE OF THE LIMIT OF DISTURBANCE

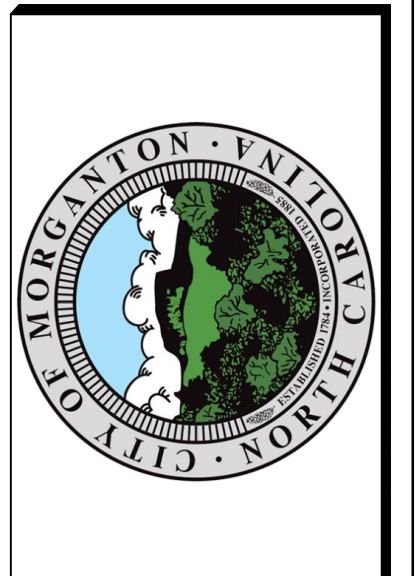


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LIFT STATION SITE PLAN

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REVISIONS	DATE	BY	DESCRIPTION
1	06/06/22	DMW	Added permanent and temp. easement
2	11/09/22	ECH	Checked
3	11/30/22	SKD	Approved

DESIGN BY:	DATE:
BRH	06/06/22
DRAWN BY:	DATE:
DMW	06/06/22
CHECKED BY:	DATE:
ECH	11/09/22
APPROVED BY:	DATE:
SKD	11/30/22

Bost Rd Sewer Improvements
 Morganton, NC
Pump Station and Access Dr
Erosion Control

FINAL DESIGN - 100%
RELEASED FOR
CONSTRUCTION

JOB NO: 65421093
 DATE: 05/04/23
 SHEET: CE2.5

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