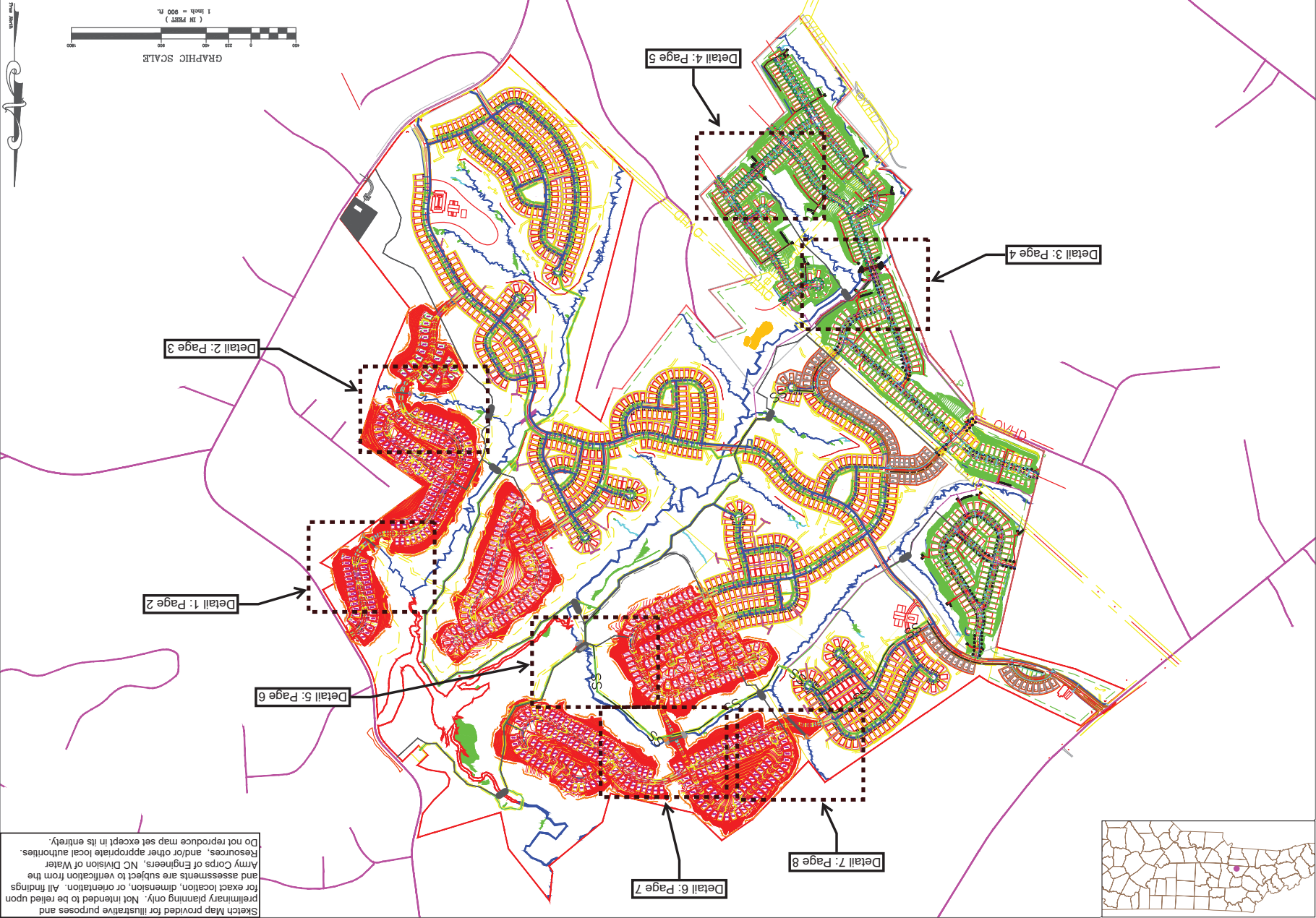
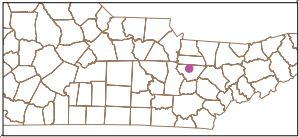




Sketch Map provided for illustrative purposes and preliminary planning only. Not intended to be relied upon for exact location, dimension, or orientation. All findings and assessments are subject to verification from the Army Corps of Engineers, NC Division of Water Resources, and/or other appropriate local authorities. Do not reproduce map set except in its entirety.

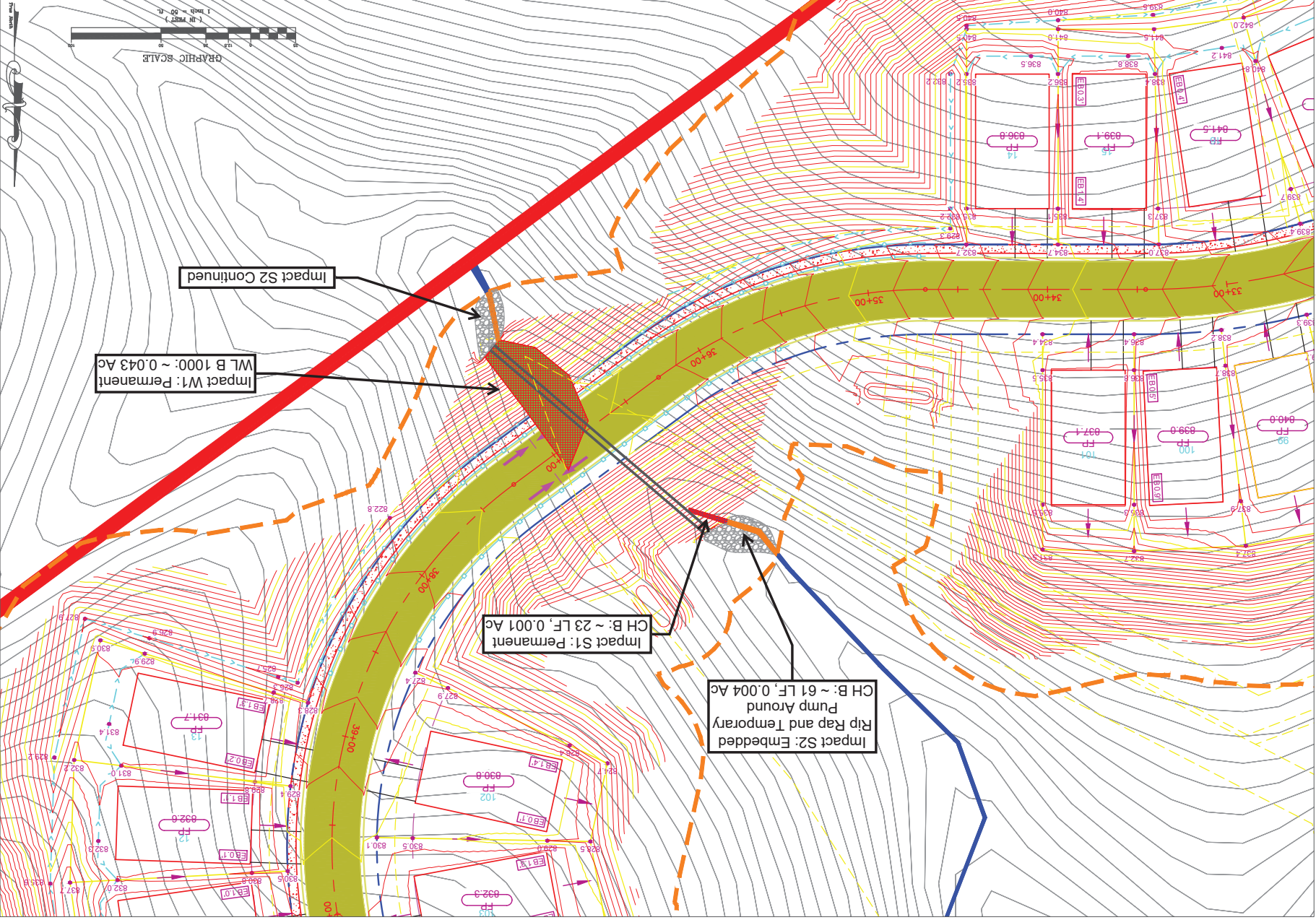
UTLR	Date: September 05, 2024
JTS	Updated: October 29, 2024
	For: Prestige Corporation
	Attn: Mark Grohregin

Laurelbrook
1778 – 1848 Wooten Street
Catawba NC, 28609
Coordinates: 35.64720, -80.99297



ATLAS
ENVIRONMENTAL

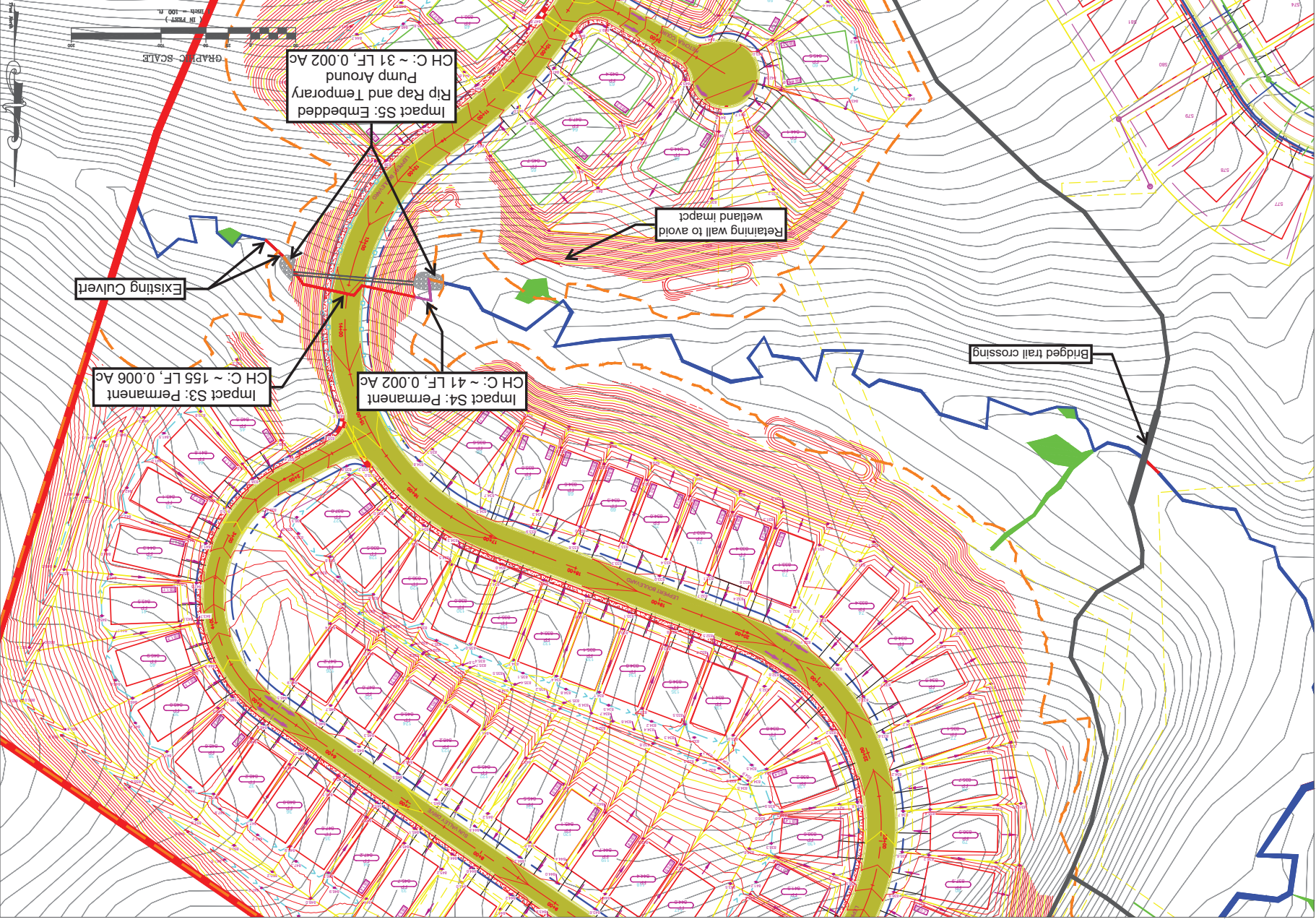
338 S. Sharon Armitz Rd. #411
Charlotte NC, 28211



UTS
Date: September 05, 2024
Updated: October 29, 2024
For: Prestige Corporation
Attn: Mark Grohregin

Laurelbrook
1778 - 1848 Wooten Street
Catawba NC, 28609
Coordinates: 35.64720, -80.99297

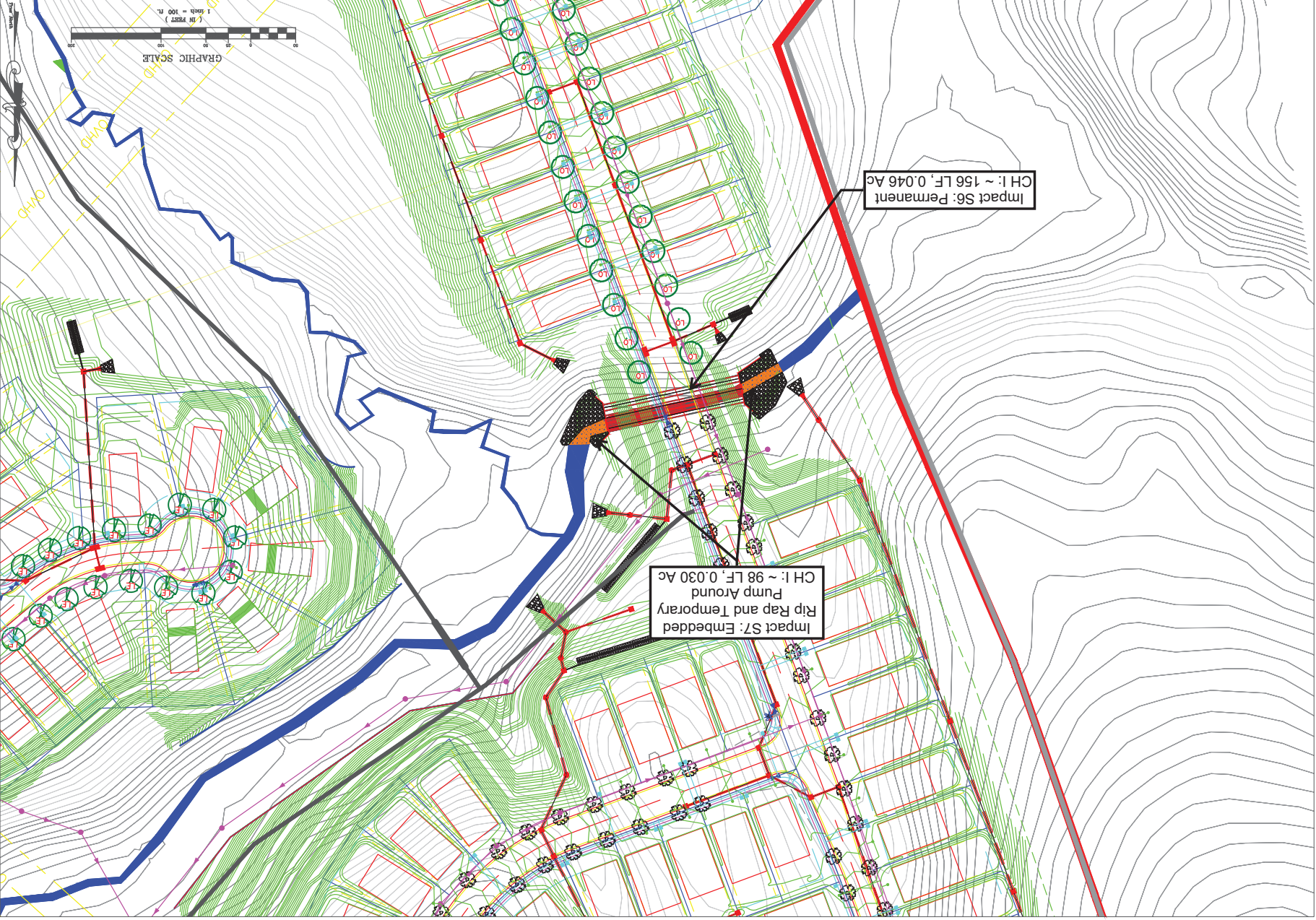
ATLAS
ENVIRONMENTAL
338 S. Sharon Armitry Rd, #411
Charlotte NC, 28211



Date: September 05, 2024
Updated: October 29, 2024
For: Prestige Corporation
Attn: Mark Grohregin

Laurelbrook
1778 - 1848 Wooten Street
Catawba NC, 28609
Coordinates: 35.64720, -80.99297





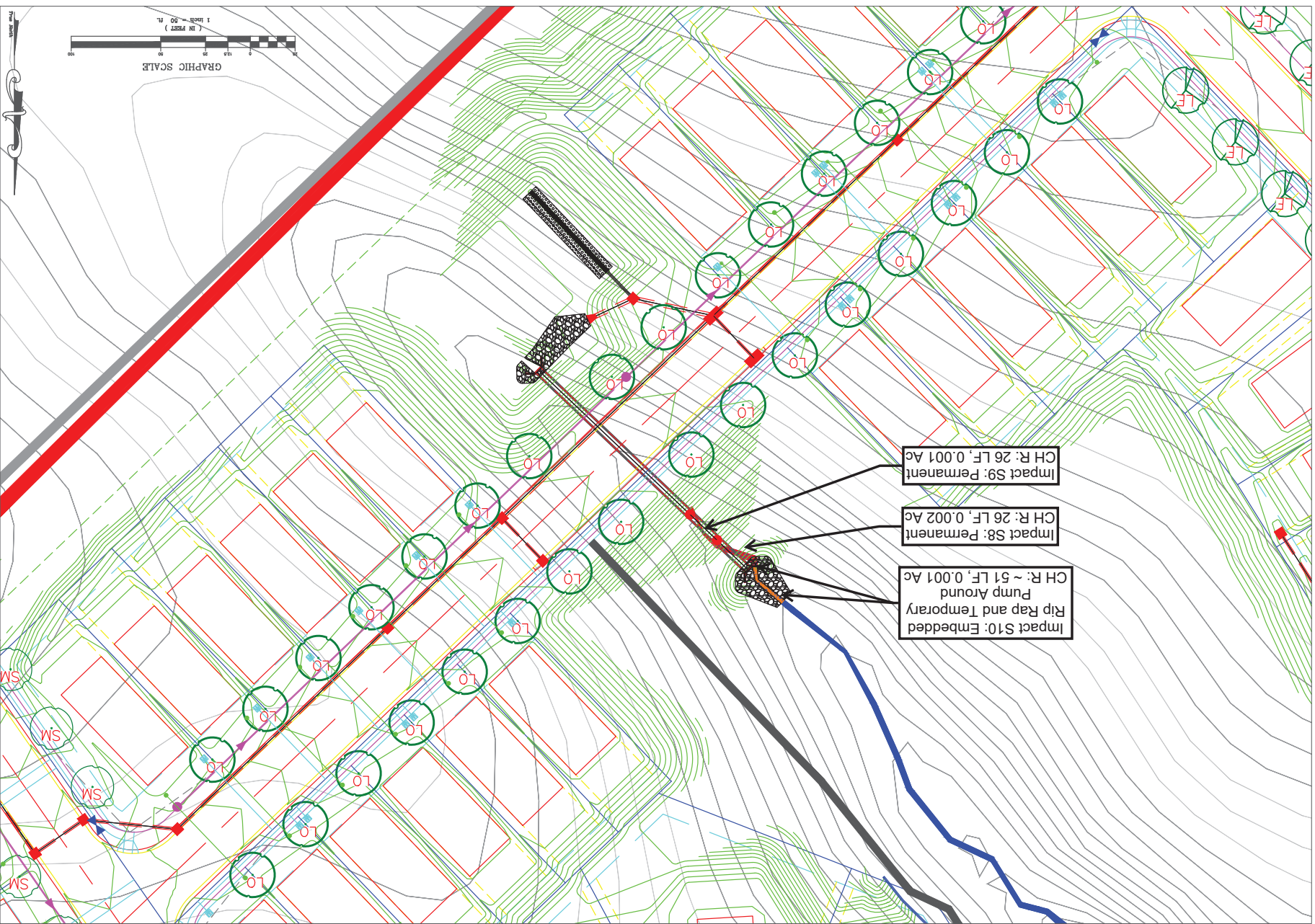
UTS	Date: September 05, 2024
LR	Updated: October 29, 2024
	For: Prestige Corporation
	Attn: Mark Grohregin

Laurelbrook
1778 – 1848 Wooten Street
Catawba NC, 28609
Coordinates: 35.64720, -80.99297



ATLAS
ENVIRONMENTAL

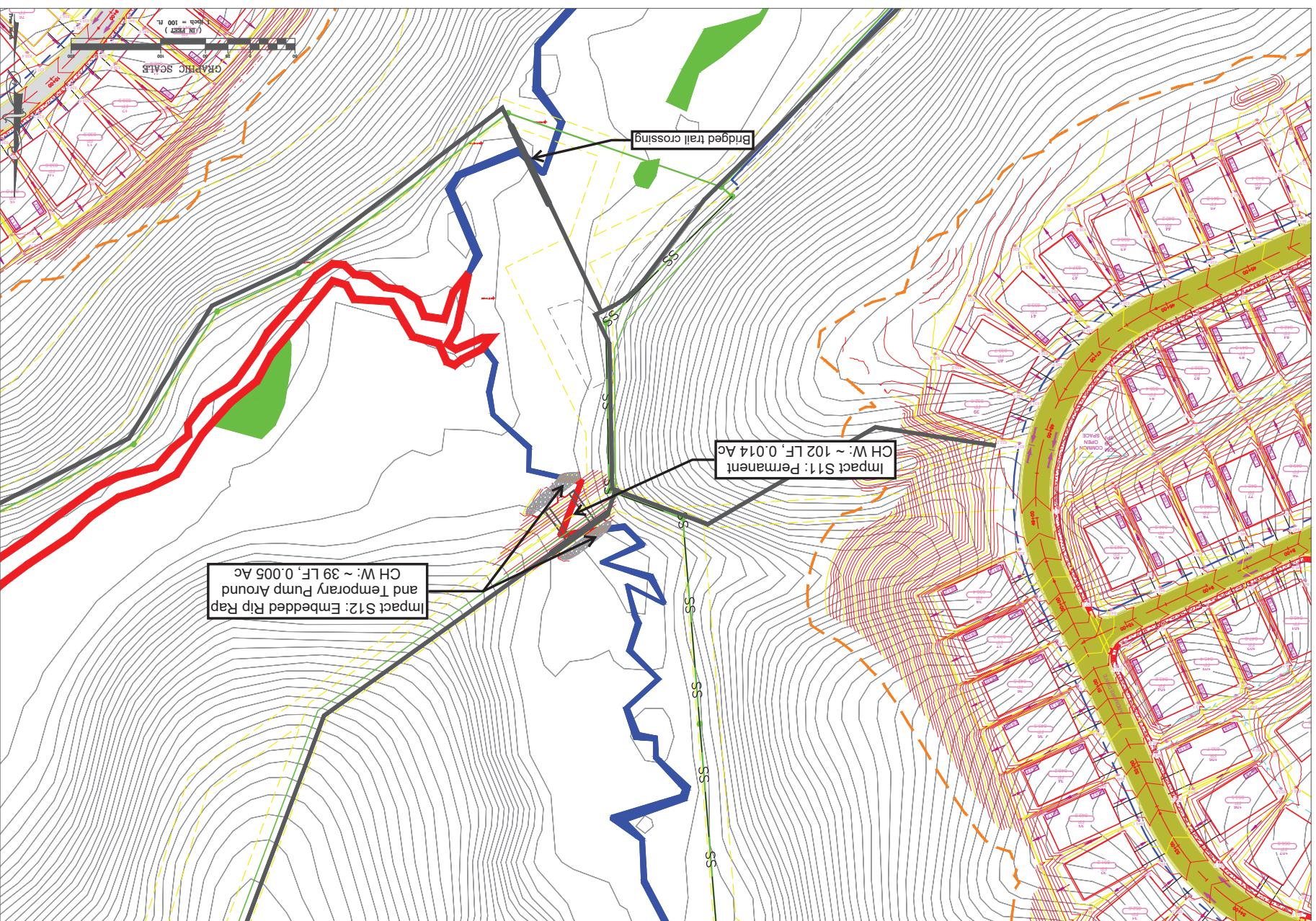
338 S. Sharon Armitry Rd. #411
Charlotte NC, 28211



UTS
Date: January 06, 2020
Updated: October 29, 2024
For: Prestige Corporation
Attn: Mark Grohregin

Laurelbrook
1778 - 1848 Wooten Street
Catawba NC, 28609
Coordinates: 35.64720, -80.99297

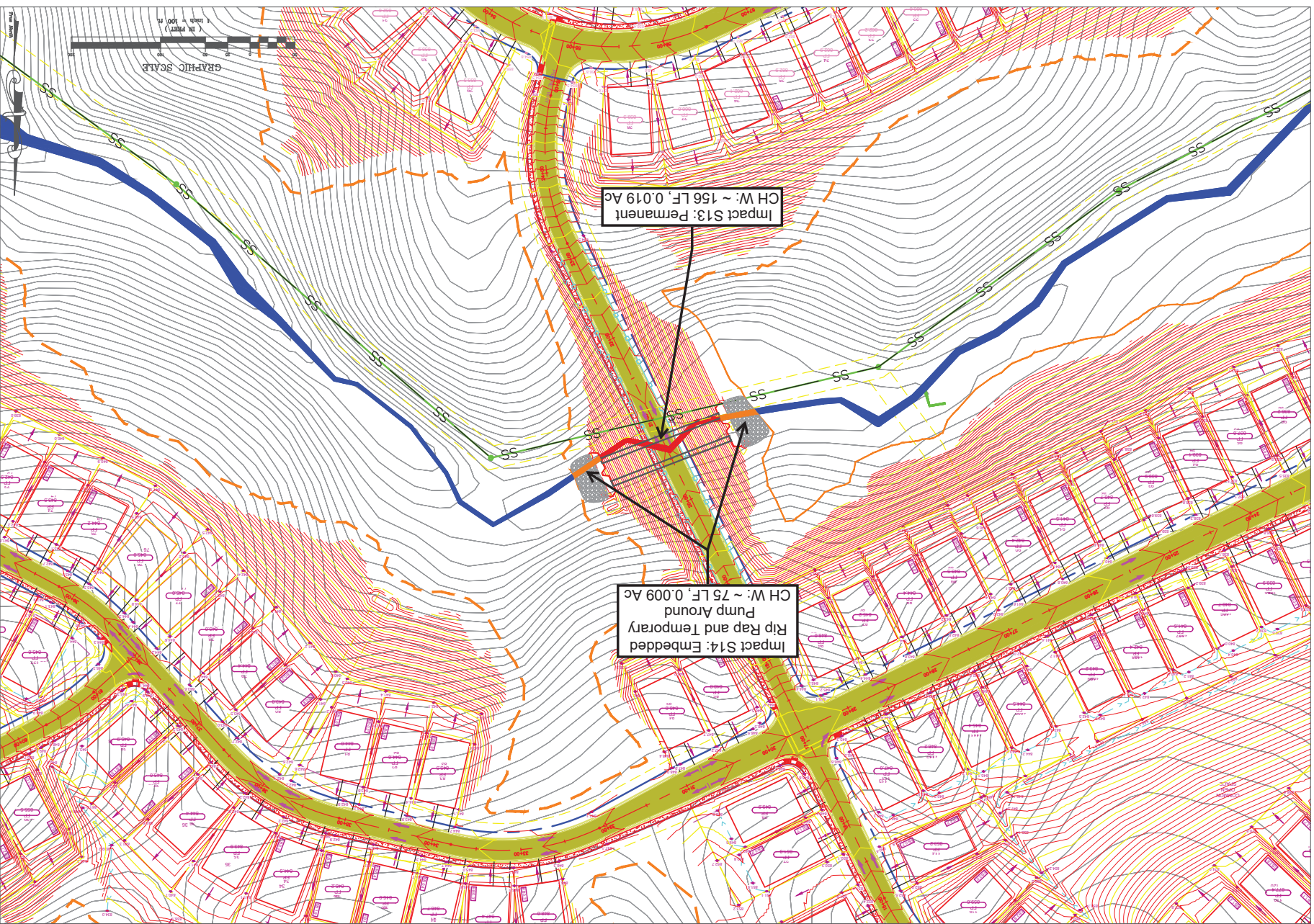

ATLAS
ENVIRONMENTAL
338 S. Sharon Amity Rd. #411
Charlotte NC, 28211



UTLR
Date: September 05, 2024
Updated: October 29, 2024
For: Prestige Corporation
Attn: Mark Grohregin

Laurelbrook
1778 - 1848 Wooten Street
Catawba NC, 28609
Coordinates: 35.64720, -80.99297


ATLAS
ENVIRONMENTAL
338 S. Sharon Armitz Rd, #411
Charlotte NC, 28211

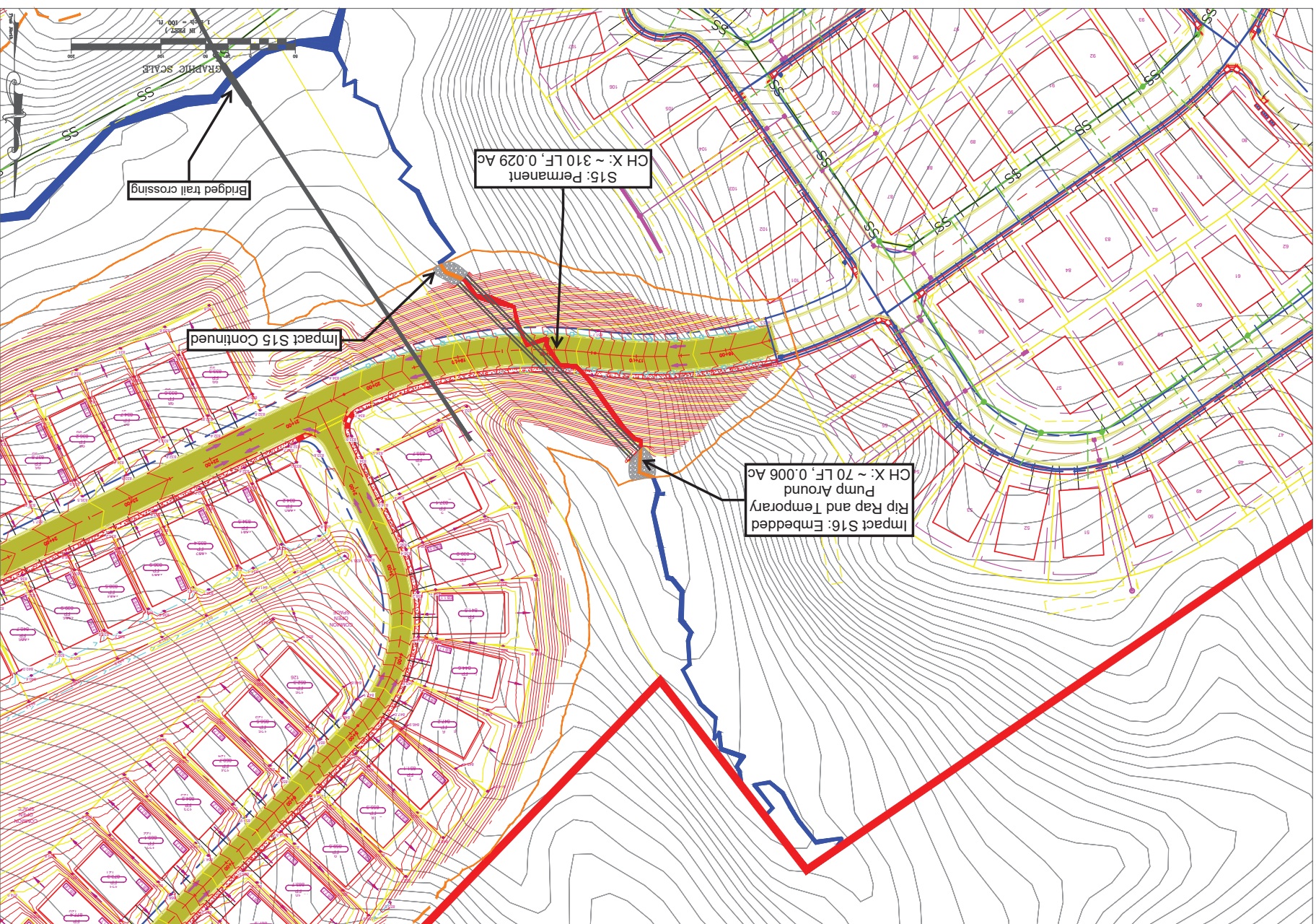


UTS
1" = 100'

Date: September 05, 2024
Updated: October 29, 2024
For: Prestige Corporation
Attn: Mark Grohregin

Laurelbrook
1778 - 1848 Wooten Street
Catawba NC, 28609
Coordinates: 35.64720, -80.99297

**ATLAS**
ENVIRONMENTAL
338 S. Sharon Armitry Rd. #411
Charlotte NC, 28211

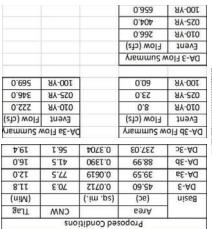


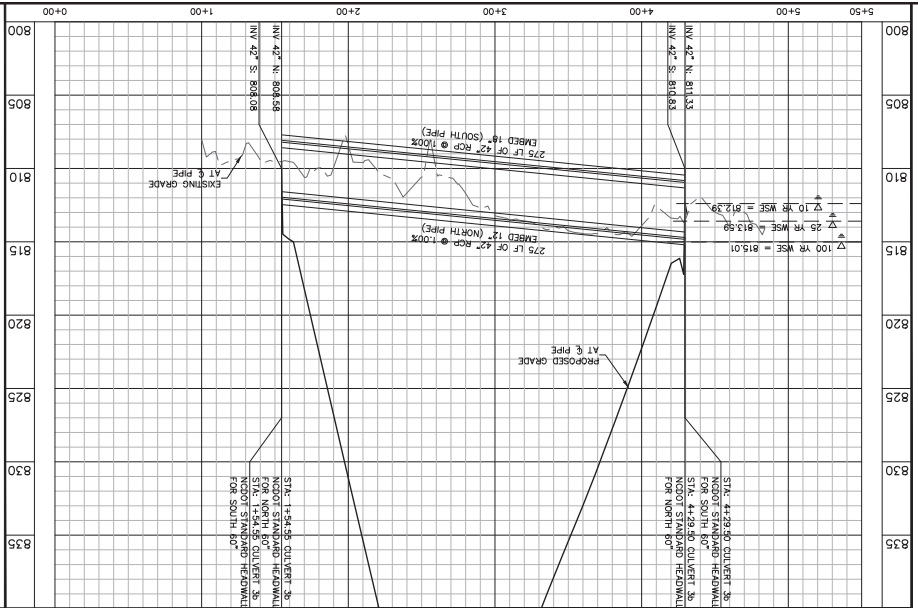
UTS
1" = 100'

Date: September 05, 2024
Updated: October 29, 2024
For: Prestige Corporation
Attn: Mark Grohregin

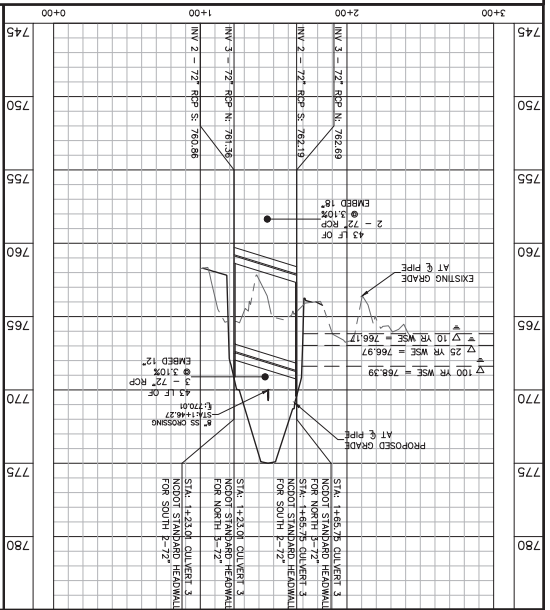
Laurelbrook
1778 - 1848 Wooten Street
Catawba NC, 28609
Coordinates: 35.64720, -80.99297

**ATLAS**
ENVIRONMENTAL
338 S. Sharon Armitry Rd. #411
Charlotte NC, 28211

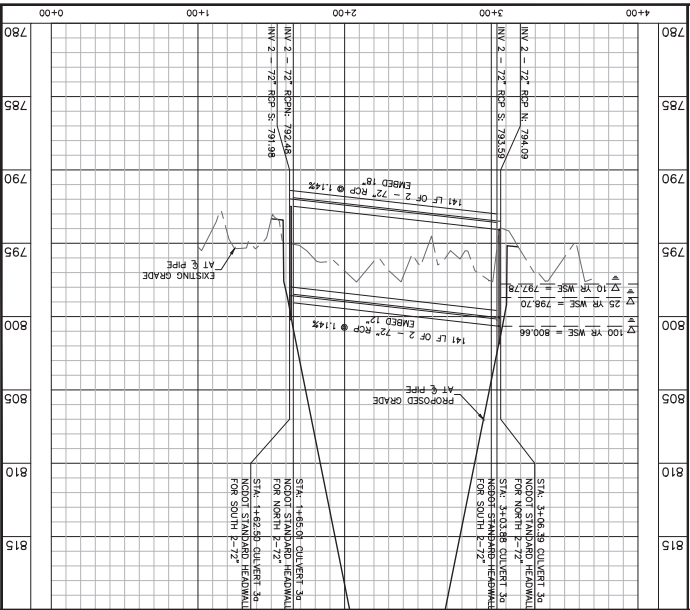
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CULVERT 3B

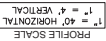


CULVERT 3



CULVERT 3A

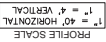
THIS SPACE INTENTIONALLY LEFT BLANK



PROFILE SCALE



NCOT



PROFILE SCALE

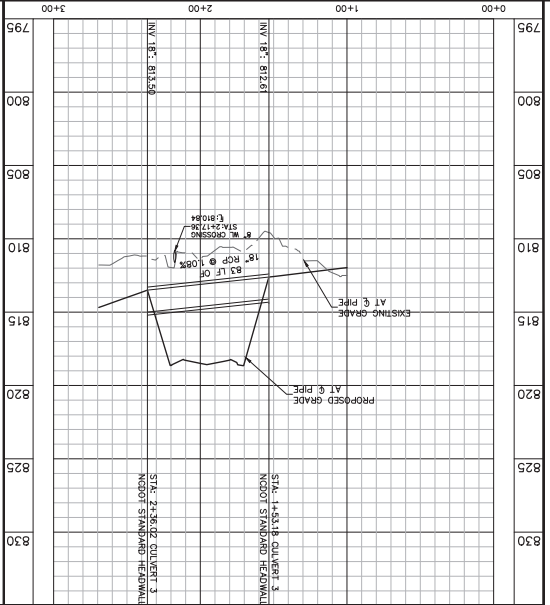


Proposed Conditions					
	Area	CNW	Tag	Basin	
	(ac)	(sq. mi.)	(Min)		
DA-1a	42.66	0.0667	56.2	13.3	
DA-2a	42.60	0.0666	59.9	15.2	
Da-1a Flow Summary					
Event	Flow (cfs)				
0101-YR	36.0				
0201-YR	56.0				
1001-YR	88.0				
Da-2a Flow Summary					
Event	Flow (cfs)				
0101-YR	44.0				
0201-YR	64.0				
1001-YR	97.0				

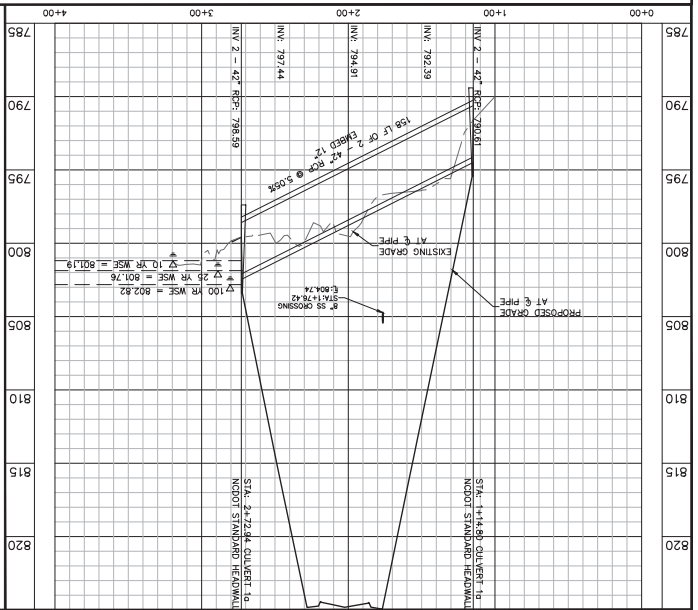
DA-1a Flow Summary		DA-2a Flow Summary	
Event	Flow (cfs)	Event	Flow (cfs)
010-YR	36.0	010-YR	36.0
025-YR	56.0	025-YR	56.0
100-YR	88.0	100-YR	88.0

Impacts S3, S4 and S5
Culvert 2a

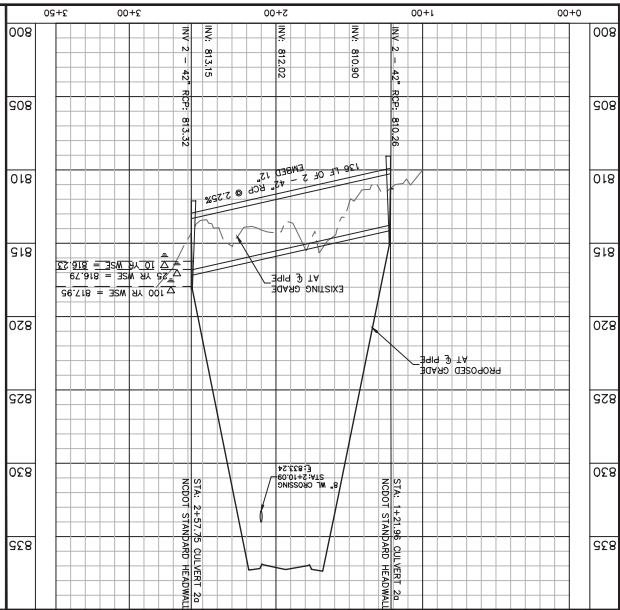
Impacts S3, S4 and S5
Culvert 2a



CULVERT 3



CULVERT 1A



CULVERT 2A

THIS SPACE INTENTIONALLY LEFT BLANK

1" = 40' HORIZONTAL
1" = 4' VERTICAL
PROFILE SCALE

HEADWALLS
NCDOT STD. 638.01

1" = 40' HORIZONTAL
1" = 4' VERTICAL
PROFILE SCALE

C-203

LAURELBROOK
PHASE 2 PODS A - D
POD D
CATAMBA COUNTY, NORTH CAROLINA

STORM DRAIN CULVERT
PROFILES

DATE: JUNE 2024

SCALE: AS SHOWN

DESIGNED BY: DEH

DRAWN BY: TDI

CHECKED BY: JDP

Kimley»Horn

© 2024 KIMLEY-HORN AND ASSOCIATES, INC.
580 HINSHLEY PARK DRIVE, SUITE 125, CORTI HILL, SC 29715
PHONEX: 803-728-4706
FAX: 803-728-4706
NC LICENSE #17002

NO.

REVISIONS

DATE

BY

