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PROJECT REFERENCE NO.	SHEET NO.
BL-0008	1

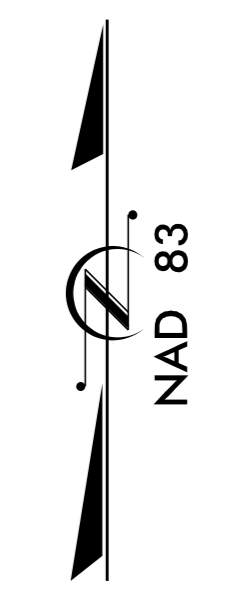
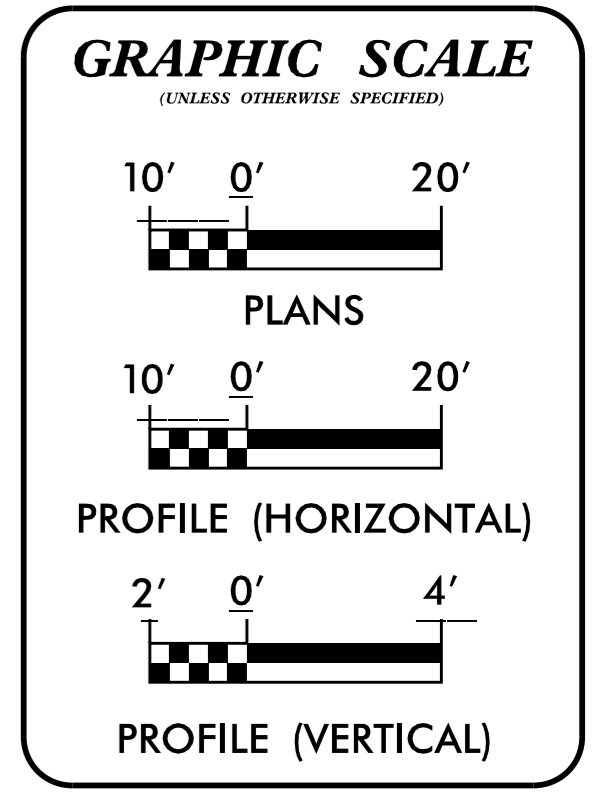
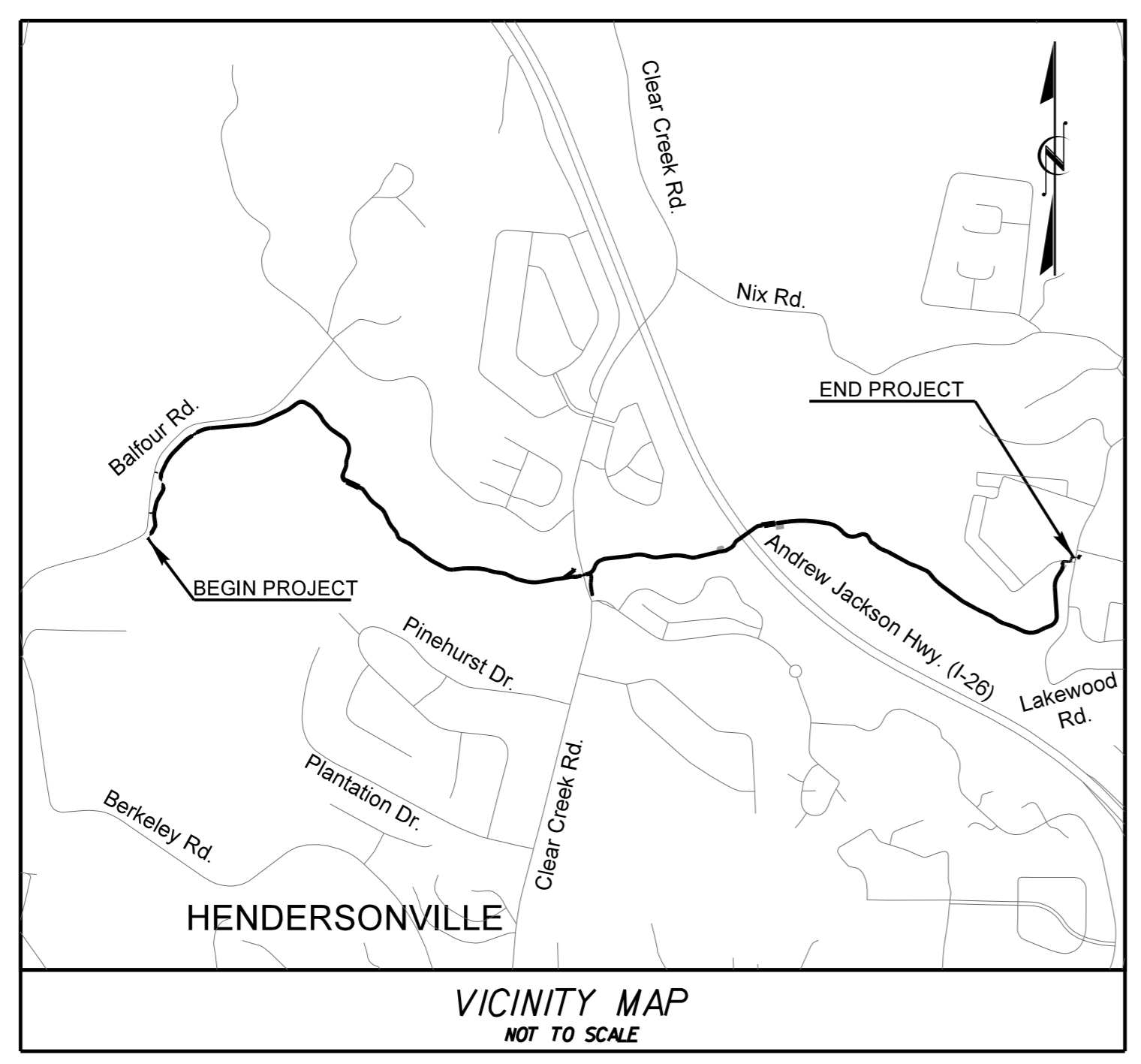
WBS NUMBER: 49463.1.1 (PE)  
 49463.2.1 (ROW)  
 49463.3.1 (CONST)  
 F.A. PROJECT NUMBER: STBGDA-1413019

STATE OF NORTH CAROLINA  
 DIVISION OF HIGHWAYS

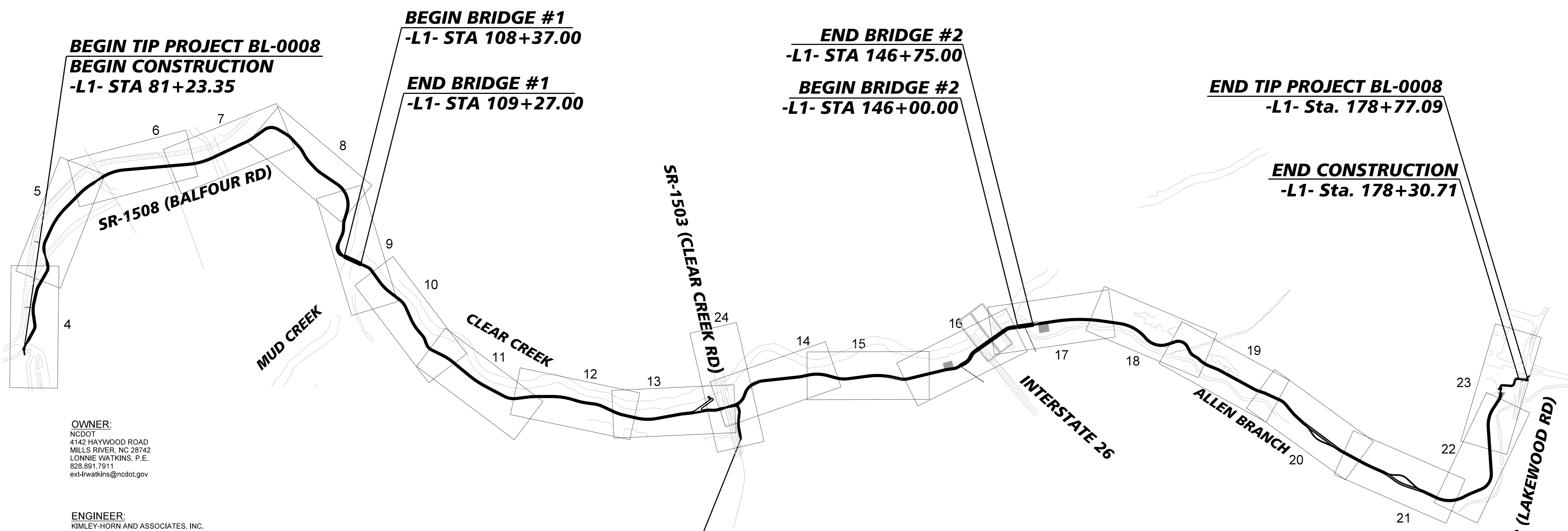
**HENDERSON COUNTY**

LOCATION: FROM OKLAWAHA GREENWAY AT SR -1508 (BALFOUR RD) TO  
 SR-1518 (LAKEWOOD RD)  
 TYPE OF WORK: GRADING, PAVING, STRUCTURES, AND DRAINAGE

**FINAL PLAN SHEETS**



**CONTRACT: DN01127**



**OWNER:**  
 NCDOT  
 4142 HAYWOOD ROAD  
 MILLS RIVER, NC 28742  
 LONNIE WATKINS, P.E.  
 828.891.7911  
 ext-lrwatkins@ncdot.gov

**ENGINEER:**  
 KIMLEY-HORN AND ASSOCIATES, INC.  
 200 SOUTH TRYON STREET  
 SUITE 200  
 CHARLOTTE, NC 28202  
 TORI GOLASZEWSKI, P.E.  
 704.554.7479  
 tori.golaszewski@kimley-horn.com

**SURVEYOR:**  
 WETHERILL ENGINEERING  
 1223 JONES FRANKLIN ROAD  
 RALEIGH, NC 27606  
 TONY ALFORD, P.L.S.  
 919.851.8077  
 talford@wetherilleng.com

**-Y1- CONNECTION**



**RIGHT-OF-WAY DATE:**  
 12-05-2025  
**LETTING DATE:**  
 04-14-2026

**Kimley»Horn**  
 NC LICENSE #F-0102  
 200 S TRYON ST, SUITE 200  
 CHARLOTTE, NORTH CAROLINA 28202  
 PHONE: (704) 333-5131

K:\RAL\_Roadway\015574013 - BL-0008 Clear Creek Greenway\Roadway\Proj\Title and Typical\BL-0008\_rdy\_tshdgn 3/9/2026

K:\RAL\_Roadway\015574013 - BL-0008 Clear Creek Greenway\Roadway\Proj\Title and Typical\BL-0008\_rdy\_tshdgn

12/2/2025

SHEET NUMBER	SHEET
1	TITLE SHEET
1A	INDEX OF SHEETS, GENERAL NOTES, AND LIST OF STANDARD DRAWINGS
1B	CONVENTIONAL SYMBOLS
2A-1	TYPICAL SECTIONS
2B-1 THRU 2B-4	ROADWAY DETAILS
3D-1	DRAINAGE SUMMARY SHEET
3P-1	PARCEL INDEX SHEET
4 THRU 24	PLAN AND PROFILE SHEETS
TMP-1	TRAFFIC MANAGEMENT PLAN
PMP-1 THRU PMP-7	PAVEMENT MARKING PLANS
EC-1 THRU EC-43	EROSION CONTROL PLANS
SIGN-1 THRU SIGN-6	SIGNING PLANS
X-1	CROSS-SECTION INDEX
X-2 THRU X-49	CROSS-SECTION SHEETS
S-1 THRU S-16	STRUCTURE PLANS

**UTILITY AND GOVERNING AGENCIES CONTACT LIST**

**CITY OF HENDERSONVILLE ENGINEERING**

*CITY OPERATIONS CENTER  
305 WILLIAMS STREET  
HENDERSONVILLE, NC 28792  
(828) 697-3000 TEL  
CONTACT: BRENDAN SHANAHAN, P.E., CFM  
CITY ENGINEER*

**POLICE DEPARTMENT**

*HENDERSONVILLE POLICE DEPARTMENT  
630 ASHE STREET  
HENDERSONVILLE, NC 28792  
(828) 697-3000  
POLICE CHIEF: BLAIR MYHAND*

**FIRE DEPARTMENT**

*HENDERSONVILLE FIRE DEPARTMENT  
632 SUGARLOAF ROAD  
HENDERSONVILLE, NC 28792  
(828) 697-3024 TEL  
FIRE CHIEF: GARY STYERS*

**WATER COMPANY**

*HENDERSONVILLE WATER AND SEWER  
305 WILLIAMS STREET  
HENDERSONVILLE, NC 28792  
(828) 697-3073 TEL*

**POWER COMPANY**

*DUKE ENERGY  
957 SPARTANBURG HWY  
HENDERSONVILLE, NC 28792  
(800) 777-9898 TEL*

GENERAL NOTES: 2024 SPECIFICATIONS  
EFFECTIVE: 01-16-2024  
REVISED:

GRADE LINE:  
GRADING AND SURFACING:  
  
THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. GRADE LINES MAY BE ADJUSTED AT THEIR BEGINNING AND ENDING AND AT STRUCTURES AS DIRECTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.

CLEARING:  
  
CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD II.

SUPERELEVATION:  
  
ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. NO. 225.04 USING THE RATE OF SUPERELEVATION AND RUNOFF SHOWN ON THE PLANS. SUPERELEVATION IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL SECTIONS.

SIDE ROADS:  
  
THE CONTRACTOR WILL BE REQUIRED TO DO ALL NECESSARY WORK TO PROVIDE SUITABLE CONNECTIONS WITH ALL ROADS, STREETS, AND DRIVES ENTERING THIS PROJECT. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PARTICULAR ITEMS INVOLVED.

DRIVEWAYS:  
  
DRIVEWAYS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. 848.02 USING 3 FOOT RADII OR RADII AS SHOWN ON THE PLANS. LOCATIONS OF DRIVES WILL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.

END BENTS:  
  
THE ENGINEER SHALL CHECK THE STRUCTURE END BENT PLANS, DETAILS, AND CROSS-SECTION PRIOR TO SETTING OF THE SLOPE STAKES FOR THE EMBANKMENT OR EXCAVATION APPROACHING A BRIDGE.

UTILITIES:  
  
UTILITY OWNERS ON THIS PROJECT ARE HENDERSONVILLE WATER AND SEWER AND DUKE ENERGY CORPORATION.

SUBSURFACE DRAINS  
  
SUBSURFACE DRAINS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STD. NO. 815.02 AT LOCATIONS DIRECTED BY THE ENGINEER

SUBSURFACE PLANS  
  
NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATIONS AS TO THE SUBSURFACE CONDITIONS.

EFF. 01-16-2024  
REV.

2024 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Contracts Standards and Development Unit - N. C. Department of Transportation - Raleigh, N. C., Dated January 16, 2024 are applicable to this project and by reference hereby are considered a part of these plans:

STD.NO.	TITLE
DIVISION 2 - EARTHWORK	
200.02	Method of Clearing - Method II
225.02	Guide for Grading Subgrade - Secondary and Local
225.04	Method of Obtaining Superelevation - Two Lane Pavement
DIVISION 3 - PIPE CULVERTS	
300.01	Method of Pipe Installation
DIVISION 8 - INCIDENTALS	
806.01	Concrete Right-of-Way Marker
806.03	Concrete Control of Access Marker
838.11	Brick Endwall for Single and Double Pipe Culverts - 15" thru 48" Pipe 90 Skew
838.27	Reinforced Concrete Endwall - for Single 48" Pipe 90 Skew
846.01	Concrete Curb, Gutter and Curb & Gutter
848.01	Concrete Sidewalk
848.06	Concrete Curb Ramp
848.07	Concrete Sidepath / Shared Use Path / Greenway Construction
866.07	Wildlife Fence - with Chain Link
867.02	Steel Bollards
876.02	Guide for Rip Rap at Pipe Outlets

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**INDEX OF SHEETS,  
GENERAL NOTES,  
AND STANDARD DRAWINGS**



PROJECT:

<b>CLEAR CREEK GREENWAY</b>	
JOB NUMBER: 015574013	SHEET NUMBER: 1A

# STATE OF NORTH CAROLINA, DIVISION OF HIGHWAYS CONVENTIONAL PLAN SHEET SYMBOLS

Note: Not to Scale

## BOUNDARIES AND PROPERTY:

State Line	-----
County Line	-----
Township Line	-----
City Line	-----
Reservation Line	-----
Property Line	-----
Existing Iron Pin (EIP)	○
Computed Property Corner	X
Existing Concrete Monument (ECM)	□
Parcel/Sequence Number	(23)
Existing Fence Line	-x-x-x-
Proposed Woven Wire Fence	○
Proposed Chain Link Fence	□
Proposed Barbed Wire Fence	◇
Existing Wetland Boundary	-W.B.-
Proposed Wetland Boundary	-W.B.-
Existing Endangered Animal Boundary	-EAB-
Existing Endangered Plant Boundary	-EPB-
Existing Historic Property Boundary	-HPB-
Known Contamination Area: Soil	-S-S-
Potential Contamination Area: Soil	-S-S-
Known Contamination Area: Water	-W-W-
Potential Contamination Area: Water	-W-W-
Contaminated Site: Known or Potential	☠ ☢

## BUILDINGS AND OTHER CULTURE:

Gas Pump Vent or U/G Tank Cap	○
Sign	○
Well	⊕
Small Mine	⊗
Foundation	□
Area Outline	□
Cemetery	⊕
Building	□
School	□
Church	□
Dam	—

## HYDROLOGY:

Stream or Body of Water	-----
Hydro, Pool or Reservoir	□
Jurisdictional Stream	-JS-
Buffer Zone 1	-BZ 1-
Buffer Zone 2	-BZ 2-
Flow Arrow	←
Disappearing Stream	→
Spring	○
Wetland	W.B.
Proposed Lateral, Tail, Head Ditch	—
False Sump	◇
FEMA 100-Yr Floodplain	-----

## RAILROADS:

Standard Gauge	-----
RR Signal Milepost	○
Switch	□
RR Abandoned	-----
RR Dismantled	-----

## RIGHT OF WAY & PROJECT CONTROL:

Primary Horiz Control Point	○
Primary Horiz and Vert Control Point	●
Secondary Horiz and Vert Control Point	◆
Vertical Benchmark	⊕
Existing Right of Way Monument	△
Proposed Right of Way Monument (Rebar and Cap)	▲
Proposed Right of Way Monument (Concrete)	⊙
Existing Permanent Easement Monument	◇
Proposed Permanent Easement Monument (Rebar and Cap)	◆
Existing C/A Monument	△
Proposed C/A Monument (Rebar and Cap)	▲
Proposed C/A Monument (Concrete)	⊙
Existing Right of Way Line	—
Proposed Right of Way Line	—
Existing Control of Access Line	—
Proposed Control of Access Line	—
Proposed ROW and CA Line	—
Existing Easement Line	—
Proposed Temporary Construction Easement	—
Proposed Temporary Drainage Easement	—
Proposed Permanent Drainage Easement	—
Proposed Permanent Drainage/Utility Easement	—
Proposed Permanent Utility Easement	—
Proposed Temporary Utility Easement	—
Proposed Aerial Utility Easement	—
Proposed Permanent Greenway Easement	—

## ROADS AND RELATED FEATURES:

Existing Edge of Pavement	-----
Existing Curb	-----
Proposed Slope Stakes Cut	-C-
Proposed Slope Stakes Fill	-F-
Proposed Curb Ramp	CR
Existing Metal Guardrail	—
Proposed Guardrail	—
Existing Cable Guiderail	—
Proposed Cable Guiderail	—
Equality Symbol	⊕
Pavement Removal	⊗
Single Tree	○
Single Shrub	○
Hedge	-----

## VEGETATION:

Single Tree	○
Single Shrub	○
Hedge	-----

Woods Line	-----
Orchard	-----
Vineyard	-----

## EXISTING STRUCTURES:

MAJOR:	
Bridge, Tunnel or Box Culvert	CONC
Bridge Wing Wall, Head Wall and End Wall	CONC WW
MINOR:	
Head and End Wall	CONC HW
Pipe Culvert	-----
Footbridge	-----
Drainage Box: Catch Basin, DI or JB	CB
Paved Ditch Gutter	-----
Storm Sewer Manhole	⊕
Storm Sewer	s

## UTILITIES:

\* SUE – Subsurface Utility Engineering  
LOS – Level of Service – A, B, C or D (Accuracy)

POWER:	
Existing Power Pole	●
Proposed Power Pole	○
Existing Joint Use Pole	●
Proposed Joint Use Pole	○
Power Manhole	⊕
Power Line Tower	⊗
Power Transformer	⊗
U/G Power Cable Hand Hole	⊕
H-Frame Pole	●
U/G Power Line Test Hole (SUE – LOS A)*	⊕
U/G Power Line (SUE – LOS B)*	-----
U/G Power Line (SUE – LOS C)*	-----
U/G Power Line (SUE – LOS D)*	-----

## TELEPHONE:

Existing Telephone Pole	●
Proposed Telephone Pole	○
Telephone Manhole	⊕
Telephone Pedestal	⊕
Telephone Cell Tower	⊕
U/G Telephone Cable Hand Hole	⊕
U/G Telephone Test Hole (SUE – LOS A)*	⊕
U/G Telephone Cable (SUE – LOS B)*	-----
U/G Telephone Cable (SUE – LOS C)*	-----
U/G Telephone Cable (SUE – LOS D)*	-----
U/G Telephone Conduit (SUE – LOS B)*	-----
U/G Telephone Conduit (SUE – LOS C)*	-----
U/G Telephone Conduit (SUE – LOS D)*	-----
U/G Fiber Optics Cable (SUE – LOS B)*	-----
U/G Fiber Optics Cable (SUE – LOS C)*	-----
U/G Fiber Optics Cable (SUE – LOS D)*	-----

## WATER:

Water Manhole	⊕
Water Meter	○
Water Valve	⊗
Water Hydrant	⊕
U/G Water Line Test Hole (SUE – LOS A)*	⊕
U/G Water Line (SUE – LOS B)*	-----
U/G Water Line (SUE – LOS C)*	-----
U/G Water Line (SUE – LOS D)*	-----
Above Ground Water Line	A/G Water

## TV:

TV Pedestal	⊕
TV Tower	⊗
U/G TV Cable Hand Hole	⊕
U/G TV Test Hole (SUE – LOS A)*	⊕
U/G TV Cable (SUE – LOS B)*	-----
U/G TV Cable (SUE – LOS C)*	-----
U/G TV Cable (SUE – LOS D)*	-----
U/G Fiber Optic Cable (SUE – LOS B)*	-----
U/G Fiber Optic Cable (SUE – LOS C)*	-----
U/G Fiber Optic Cable (SUE – LOS D)*	-----

## GAS:

Gas Valve	◇
Gas Meter	⊕
U/G Gas Line Test Hole (SUE – LOS A)*	⊕
U/G Gas Line (SUE – LOS B)*	-----
U/G Gas Line (SUE – LOS C)*	-----
U/G Gas Line (SUE – LOS D)*	-----
Above Ground Gas Line	A/G Gas

## SANITARY SEWER:

Sanitary Sewer Manhole	⊕
Sanitary Sewer Cleanout	⊕
U/G Sanitary Sewer Line	SS
Above Ground Sanitary Sewer	A/G Sanitary Sewer
SS Force Main Line Test Hole (SUE – LOS A)*	⊕
SS Force Main Line (SUE – LOS B)*	-----
SS Force Main Line (SUE – LOS C)*	-----
SS Force Main Line (SUE – LOS D)*	-----

## MISCELLANEOUS:

Utility Pole	●
Utility Pole with Base	□
Utility Located Object	○
Utility Traffic Signal Box	⊕
Utility Unknown U/G Line (SUE – LOS B)*	-----
U/G Tank; Water, Gas, Oil	□
Underground Storage Tank, Approx. Loc.	⊕
A/G Tank; Water, Gas, Oil	□
Geoenvironmental Boring	⊕
Abandoned According to Utility Records	AATUR
End of Information	E.O.I.

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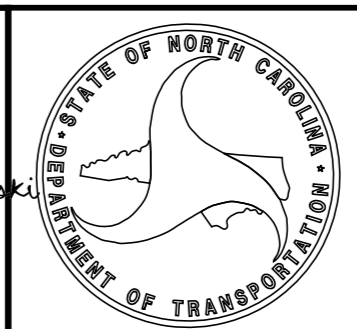
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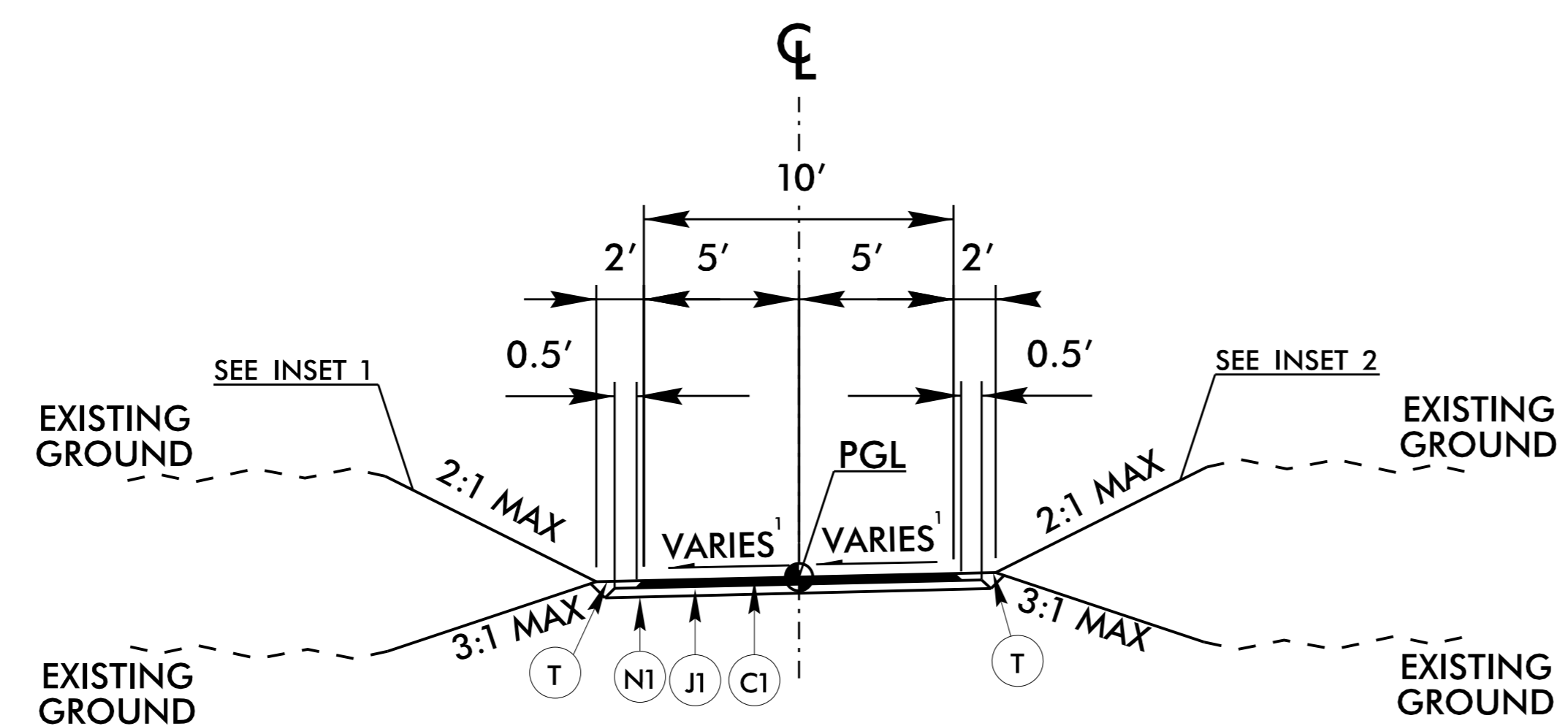
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CONVENTIONAL SYMBOLS

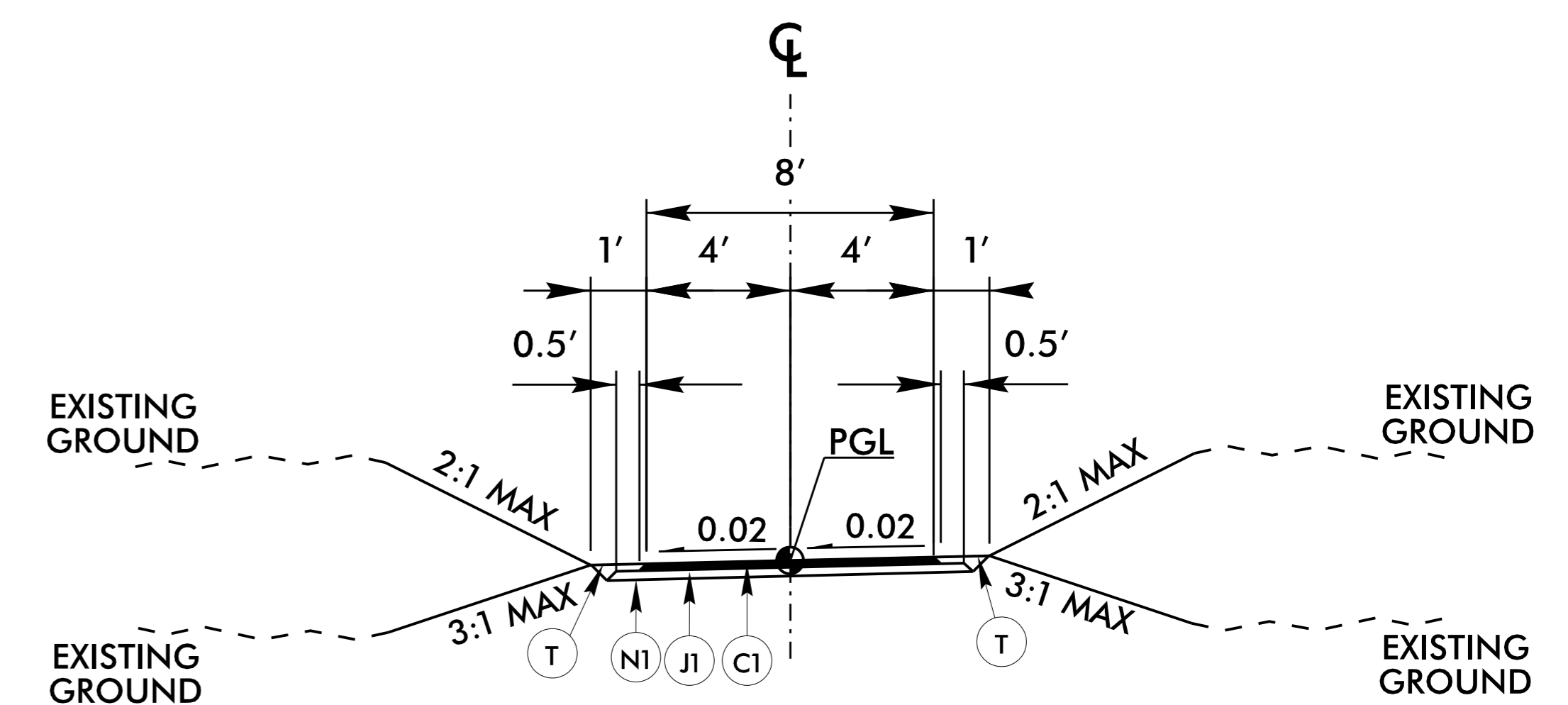


PROJECT:	CLEAR CREEK GREENWAY
JOB NUMBER:	015574013
SHEET NUMBER:	1B

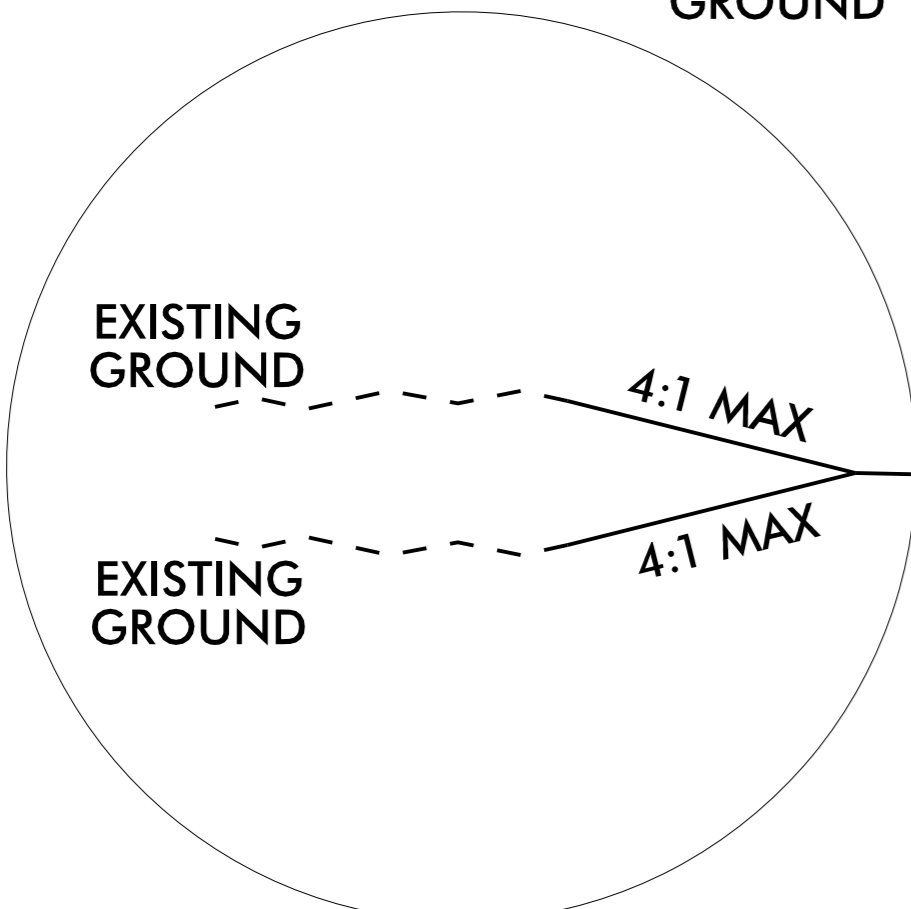
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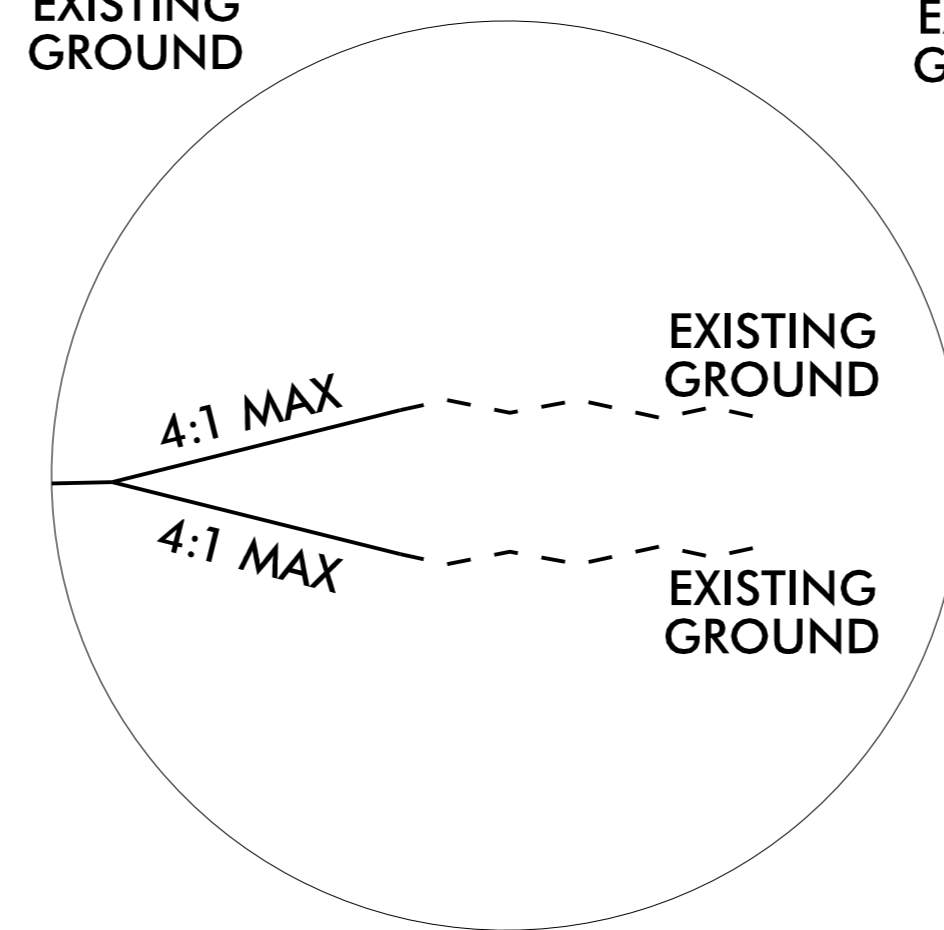
**1** **TYPICAL SECTION**  
**10' WIDE ASPHALT GREENWAY**  
 -L1- STA 81+23.35 TO STA 108+37.00  
 -L1- STA 109+27.00 TO STA 146+00.00  
 -L1- STA 146+75.00 TO STA 176+86.53



**3** **TYPICAL SECTION**  
**8' WIDE ASPHALT GREENWAY**  
 -Y1- STA 200+00.00 TO STA 201+68.26

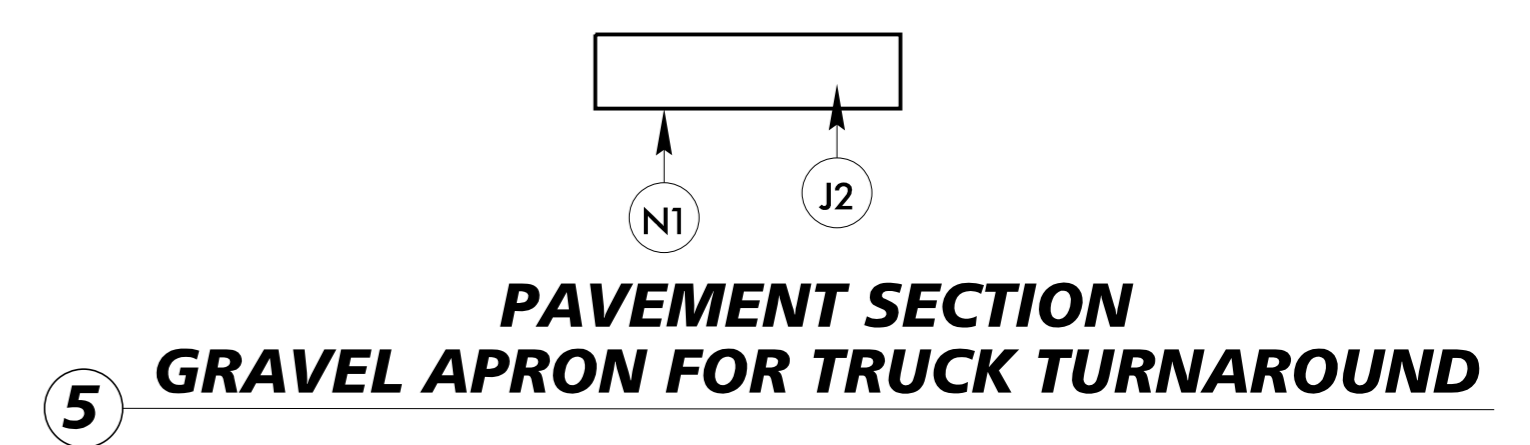


**INSET 1\***  
 -L1- STA 103+40.73 TO STA 104+87.85

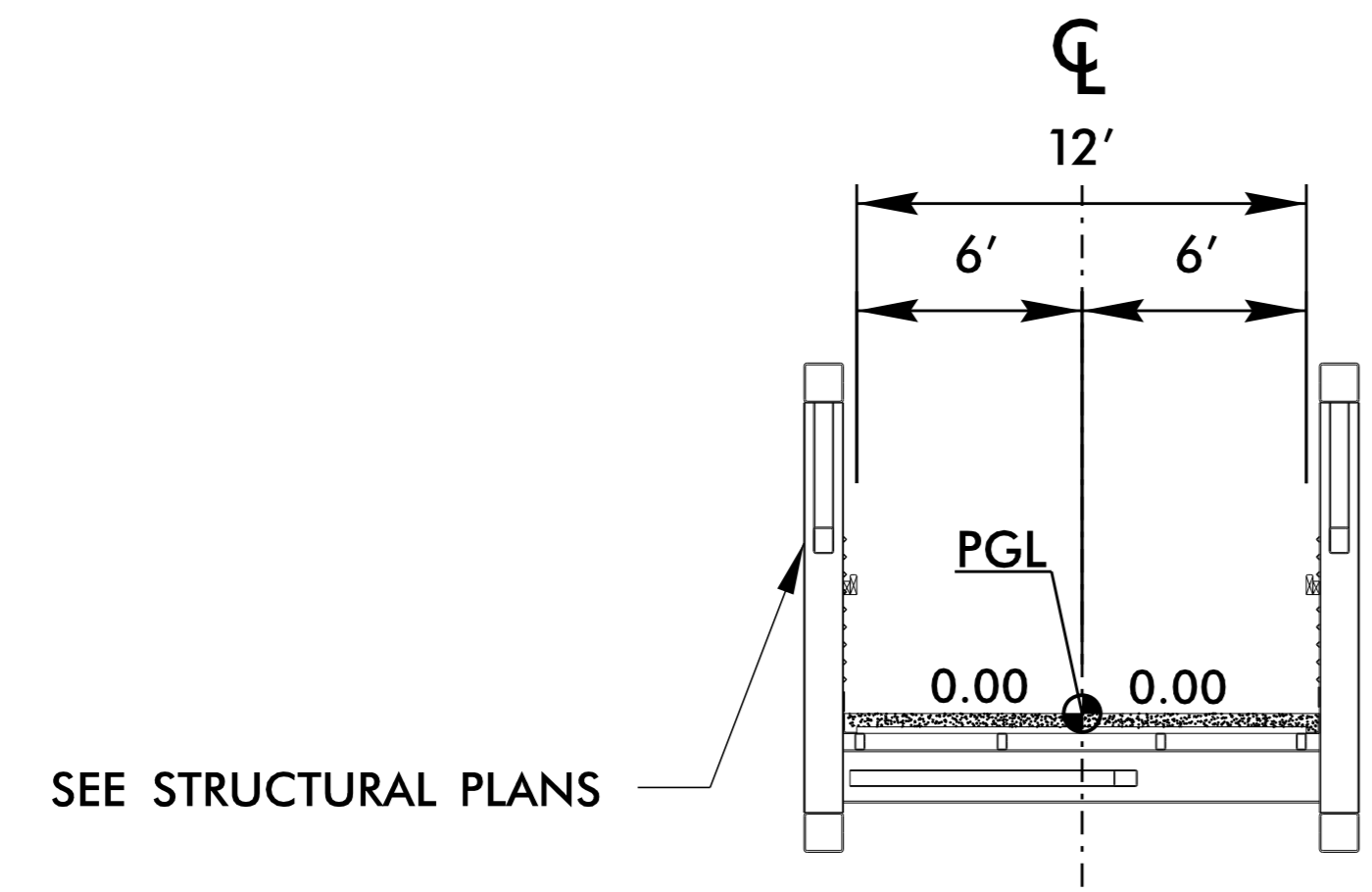


**INSET 2\***  
 -L1- STA 103+40.73 TO STA 104+87.85  
 -L1- STA 107+41.65 TO STA 108+37.00

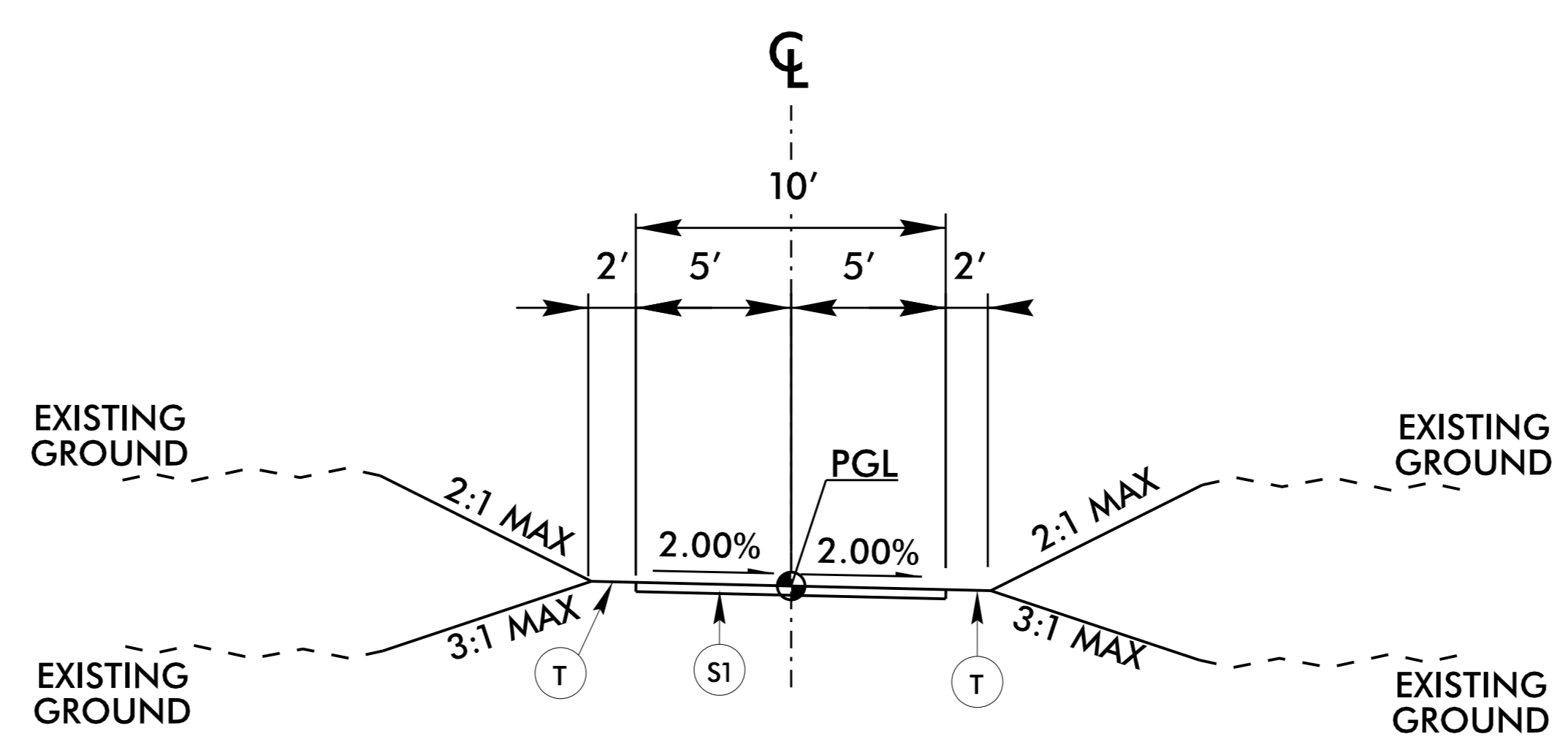
\* NOTE:  
 FOR USE WITHIN DUKE EASEMENT



**5** **PAVEMENT SECTION**  
**GRAVEL APRON FOR TRUCK TURNAROUND**



**2** **TYPICAL SECTION**  
**12' WIDE PEDESTRIAN BRIDGE**  
 -L1- STA 108+37.00 TO STA 109+27.00  
 -L1- STA 146+00.00 TO STA 146+75.00



**4** **TYPICAL SECTION**  
**10' WIDE CONCRETE SIDEWALK**  
 -L1- STA 177+02.65 TO STA 178+30.70

PRELIMINARY PAVEMENT SCHEDULE	
C1	PROP APPROX 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
J1	PROP. 6" AGGREGATE BASE COURSE
J2	PROP. 8" INCIDENTAL STONE BASE
N1	GEOTEXTILE FOR PAVEMENT STABILIZATION
S1	PROP. 4" CONCRETE SIDEWALK
T	EARTH MATERIAL

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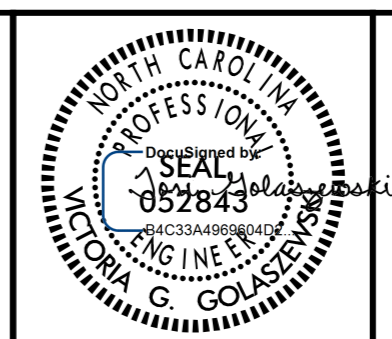
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TYPICAL SECTIONS



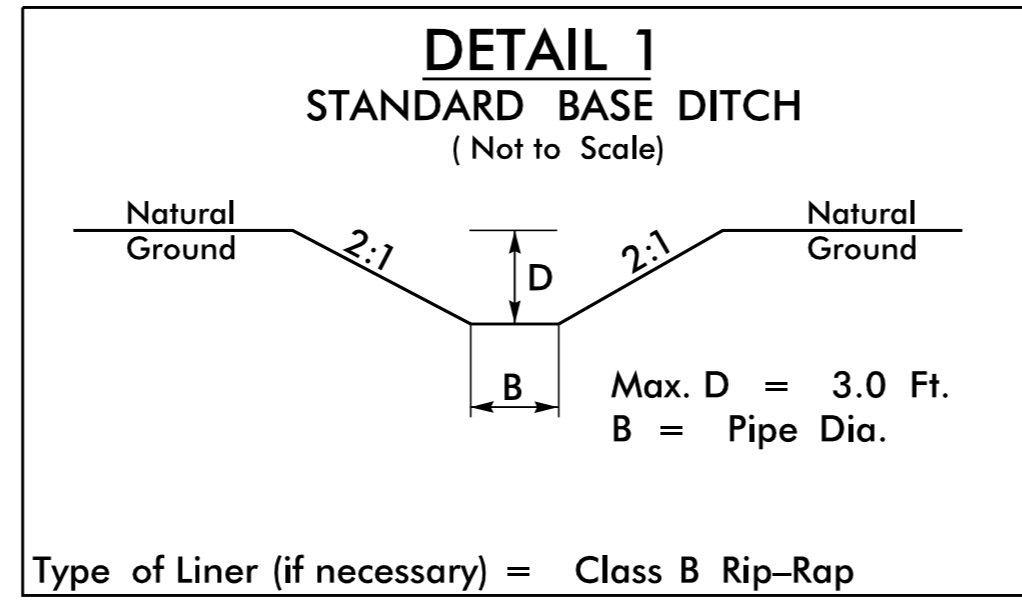
PROJECT:

**CLEAR CREEK GREENWAY**

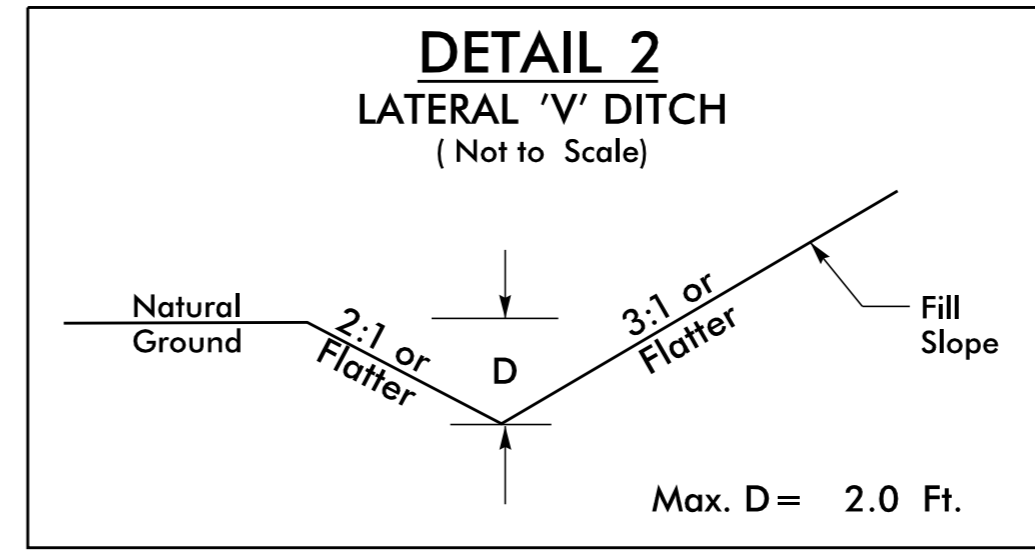
JOB NUMBER: 015574013 SHEET NUMBER: 2A-1

3/3/2026

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Type of Liner (if necessary) = Class B Rip-Rap  
 STA. 90+76 -L1- (RT)  
 STA. 98+50 -L1- (LT)  
 STA. 139+40 -L1- (LT)



FROM STA. 83+75 TO STA. 84+82 -L1- (RT)  
 FROM STA. 87+70 TO STA. 89+30 -L1- (RT)  
 FROM STA. 114+70 TO STA. 117+31 -L1- (LT)  
 FROM STA. 127+24 TO STA. 129+63 -L1- (RT)

11/26/2025

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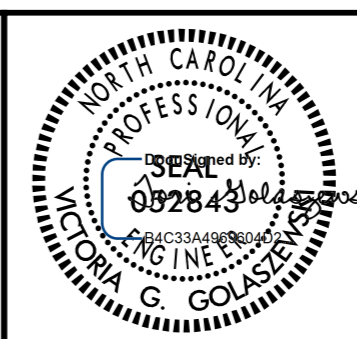
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DETAILS

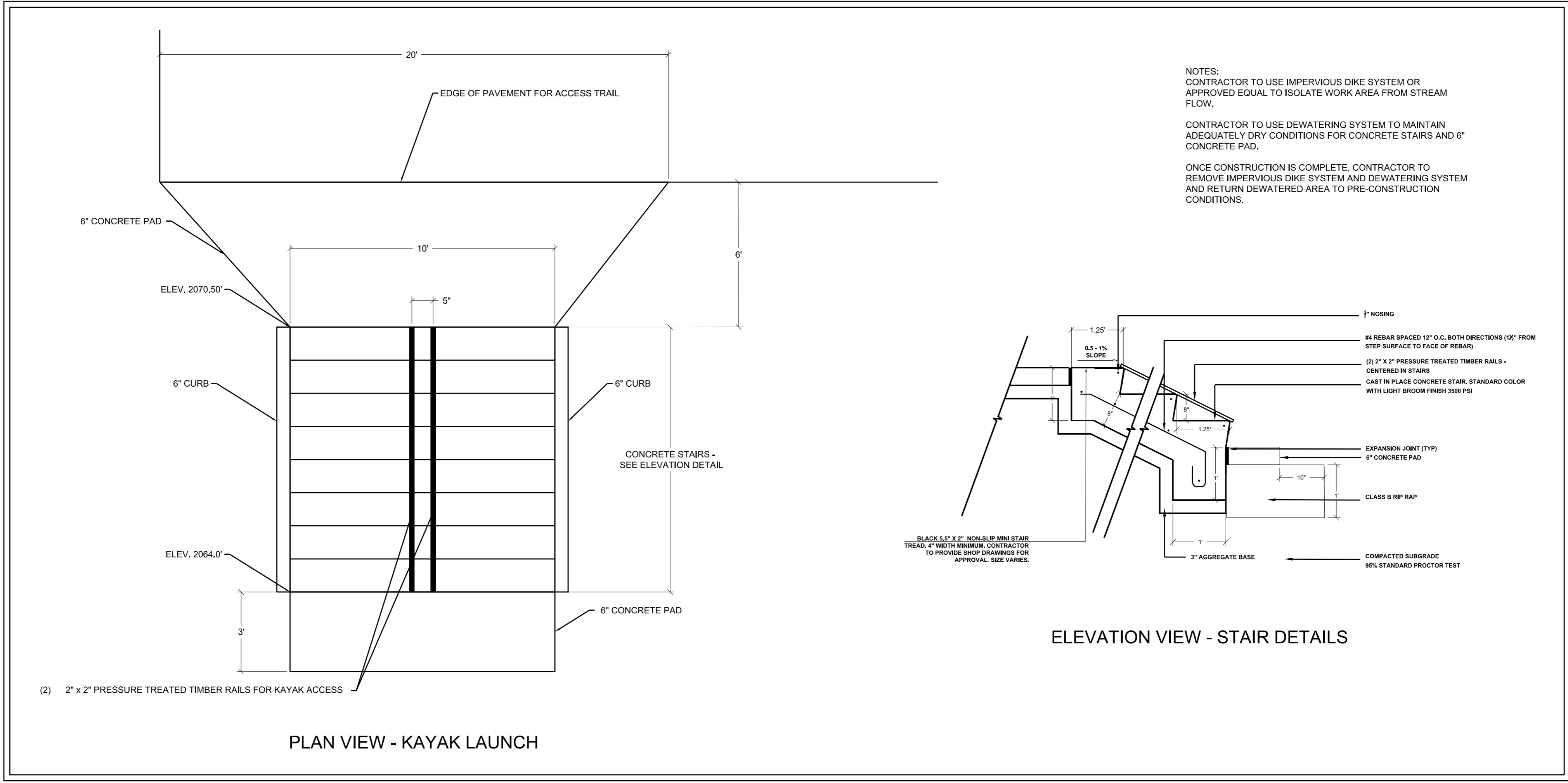


PROJECT:

CLEAR CREEK GREENWAY

JOB NUMBER: 015574013 SHEET NUMBER: 2B-1

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**KAYAK LAUNCH DETAIL**

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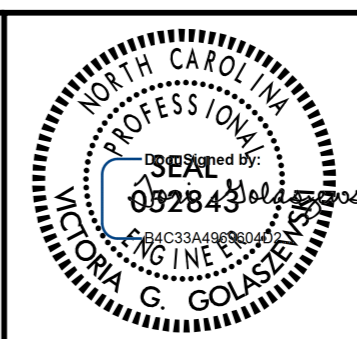
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DETAILS

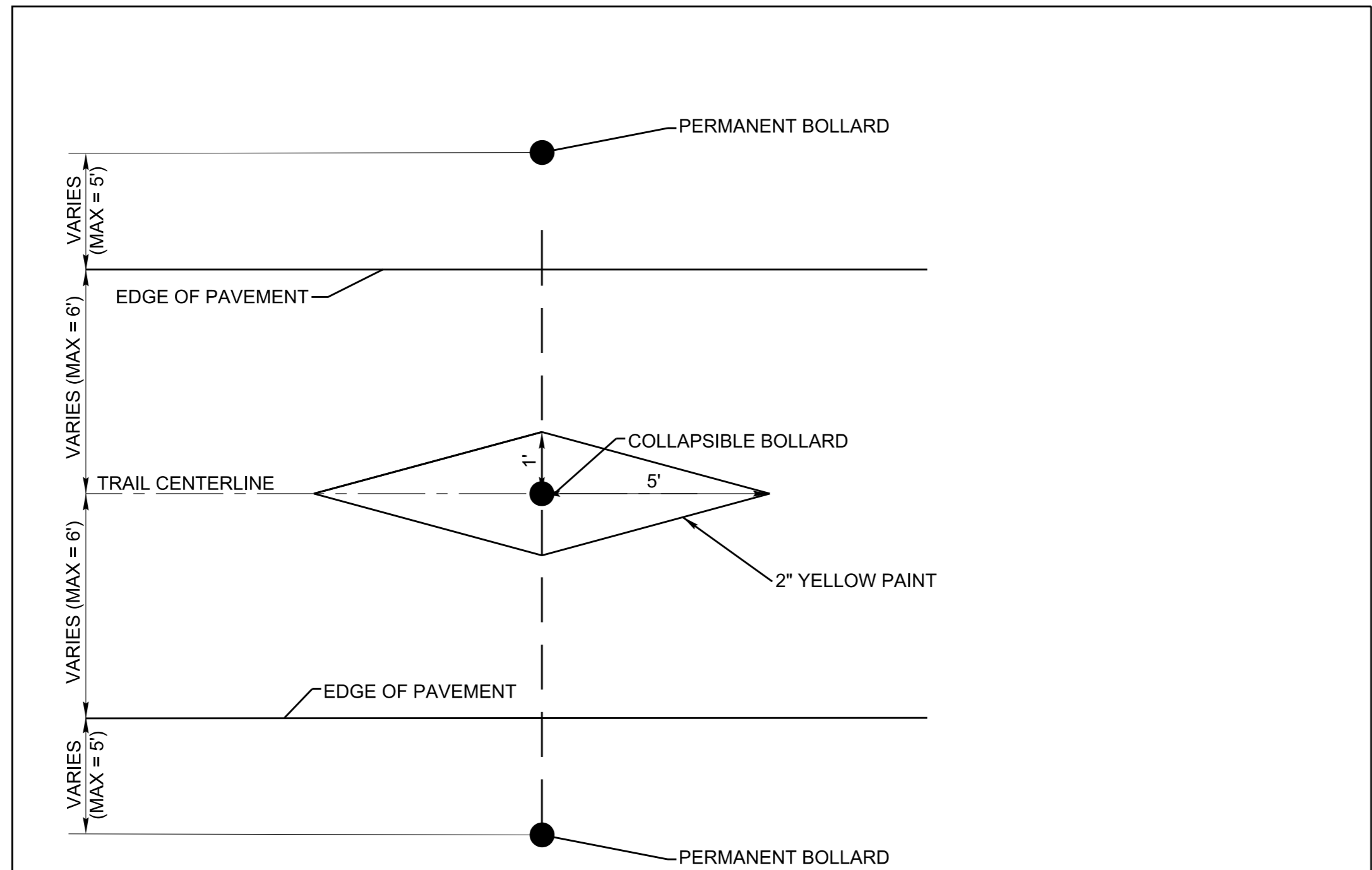


PROJECT:

**CLEAR CREEK GREENWAY**

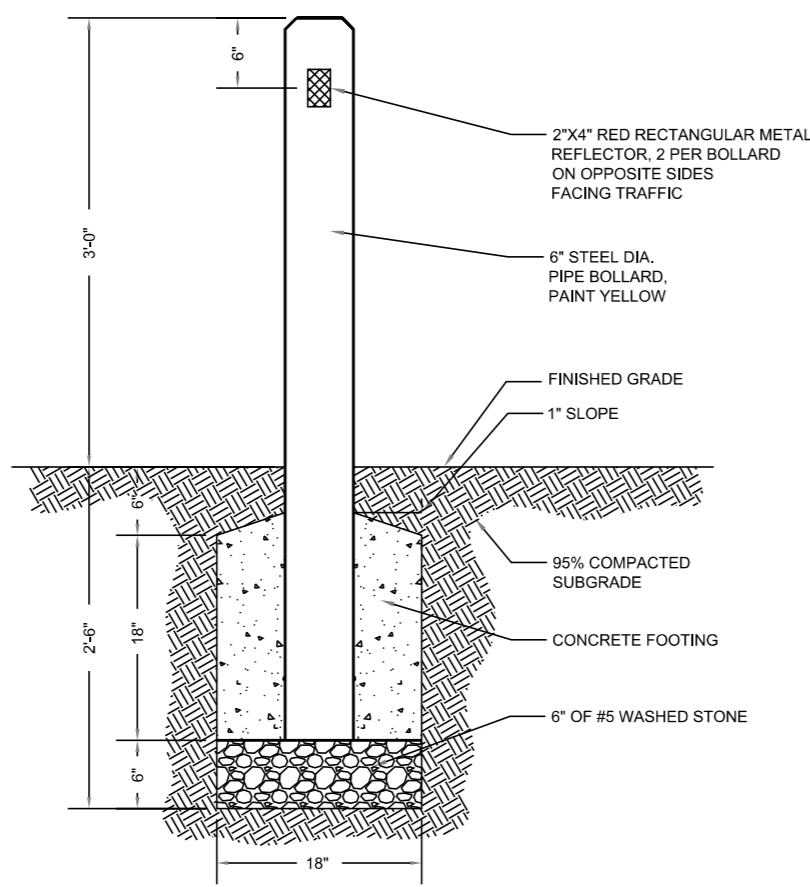
JOB NUMBER: 015574013 SHEET NUMBER: 2B-2

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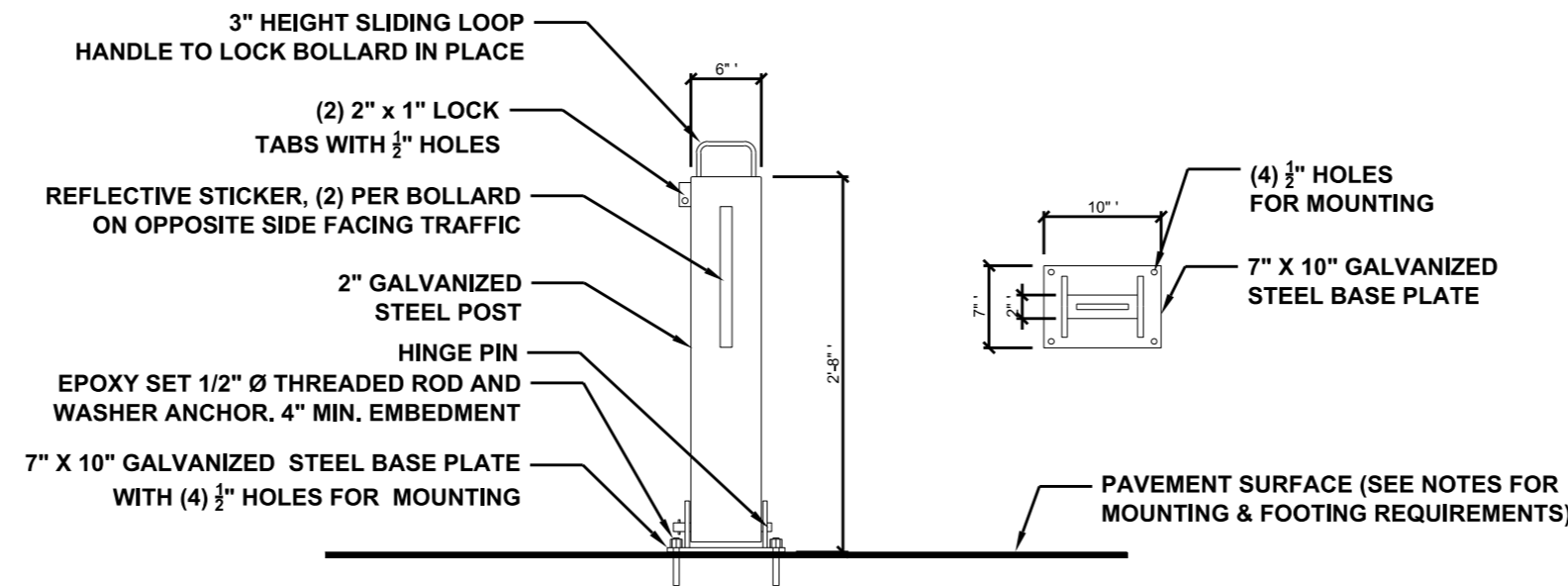


**BOLLARD NOTES:**  
 1. ALL BOLLARD POSTS TO BE REFLECTORIZED.  
 2. BOLLARD PLACEMENT OFFSET FROM INTERSECTIONS IS A MINIMUM OF 5 FEET.  
 3. REFER TO PLANS FOR LOCATIONS OF BOLLARDS.

**BOLLARD DETAIL - PLAN VIEW**

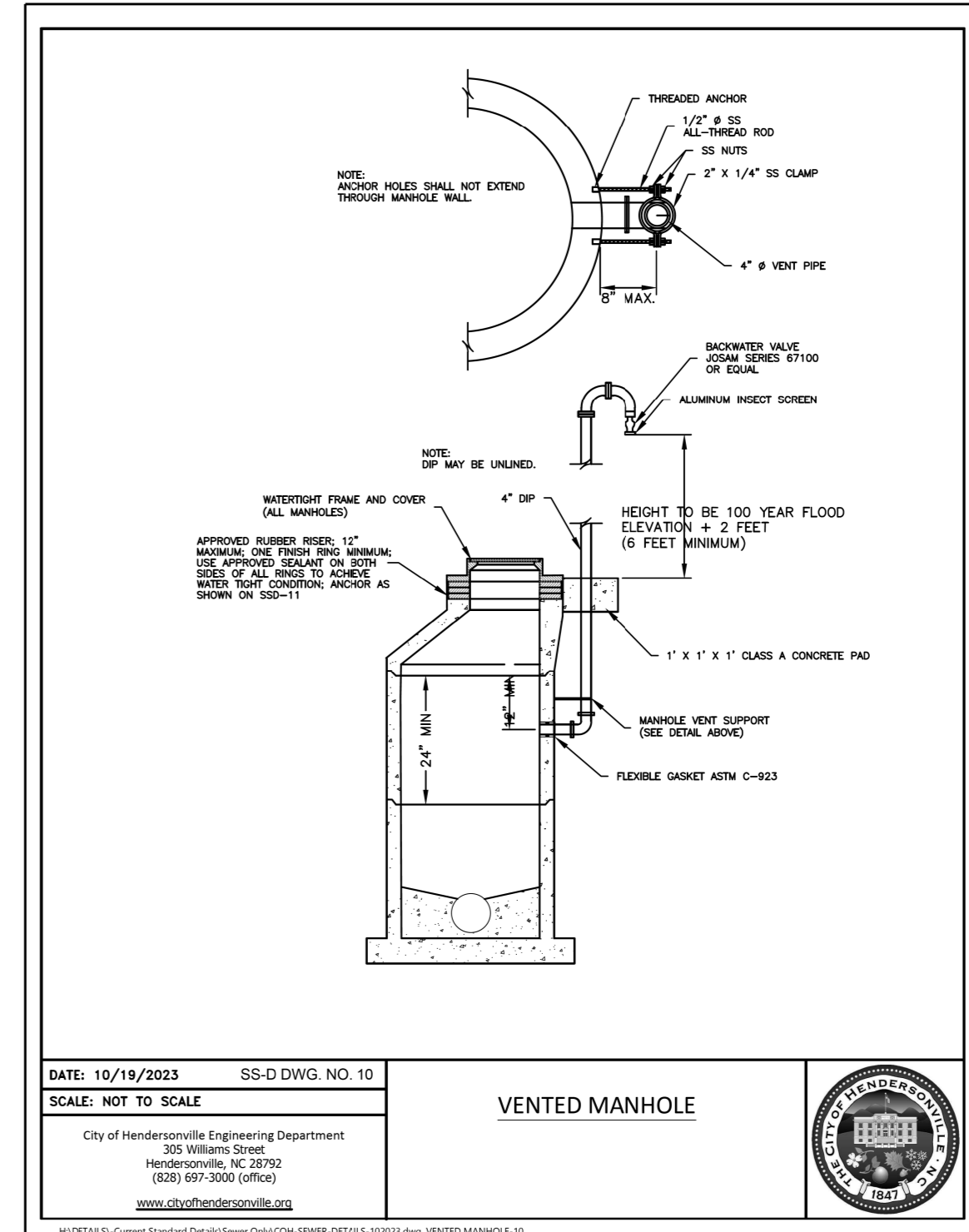


**PERMANENT BOLLARD DETAIL**



**COLLAPSIBLE BOLLARD DETAIL**

**BOLLARD DETAILS**



**VENT PIPE DETAIL**

11/26/2025

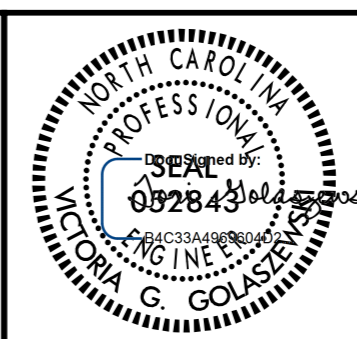
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DETAILS



DATE: 10/19/2023 SS-D DWG. NO. 10  
 SCALE: NOT TO SCALE

PROJECT:  
**CLEAR CREEK GREENWAY**

JOB NUMBER: 015574013 SHEET NUMBER: 2B-3

**Notes**

1. Design the RRFB in accordance with the 2023 MUTCD, 11th Edition, Chapter 4L: Rectangular Rapid-Flashing Beacons. The RRFB unit associated with a post-mounted sign and plaque should be located between the pedestrian crossing warning (W11-2) sign and the supplemental downward diagonal arrow plaque (W16-7p).
2. If needed, a supplemental RRFB with an "AHEAD" (W16-9P) or distance (W16-2P) plaque may be installed on the approach in advance of the crosswalk. The additional RRFB shall be a supplemental to and not a replacement for the RRFB at the actual crosswalk.
3. When practical, the RRFB and mounting post on the right side of the road shall be mounted on the approach side of the crosswalk closest to approaching traffic.
4. When practical, the RRFB and mounting post on the left side of the road may be mounted on the back of the post for the opposing approach.
5. A RRFB on the left side of the roadway or in the median may be individually mounted on the approach side of the crosswalk closest to approaching traffic, or, when practical, may be mounted back to back on the same post and mounted on either side of the crosswalk in the median.
6. Locate push button sign (R10-25) and push button to face crosswalk, even if it is mounted on the back side of the sign.
7. All RRFB units associated with a given crosswalk (including those with an advance crossing sign) shall, when actuated, simultaneously commence operation of their rapid-flashing indications and shall cease operation simultaneously.
8. For quantitative purposes, a single sided, post mounted RRFB is one assembly unit. A double sided RRFB mounted on the same post is counted as two (2) assemblies.
9. For additional information, see Version 24 of the Transportation Systems Management and Operations (TSMO) Unit Project Special Provisions (PSP).

**Timing of RRFBs**

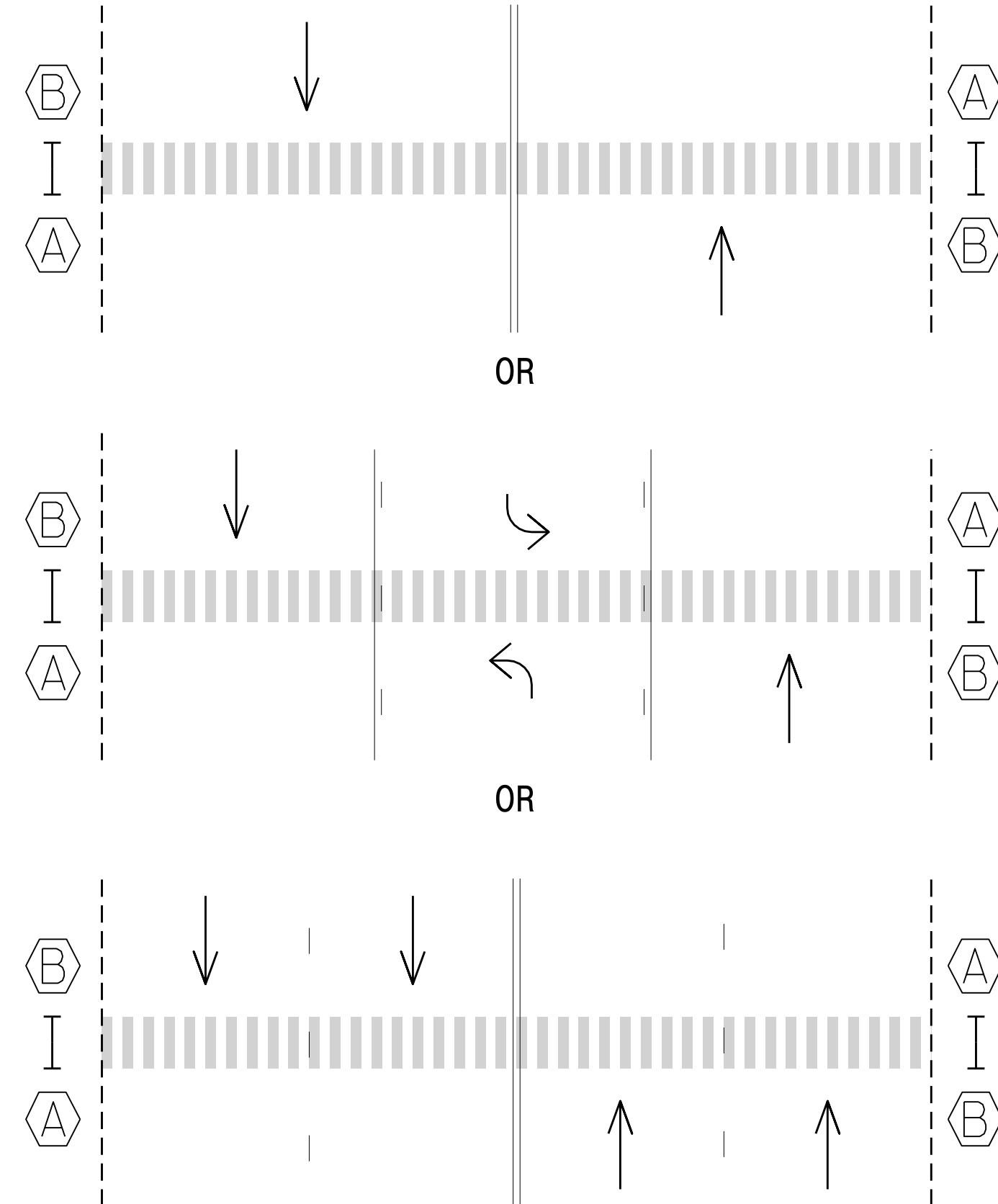
When actuated, the two yellow indications in each RRFB unit shall flash in a rapidly flashing sequence. The RRFB shall flashing sequence shall provide enough time for pedestrians to cross from curb to curb. It is recommended to be a minimum of 7 seconds plus the crossing distance (D) divided by 3.5 feet/per sec., rounded up to the next whole second:

$$\text{Flash Time (sec.)} = 7 + D/3.5$$

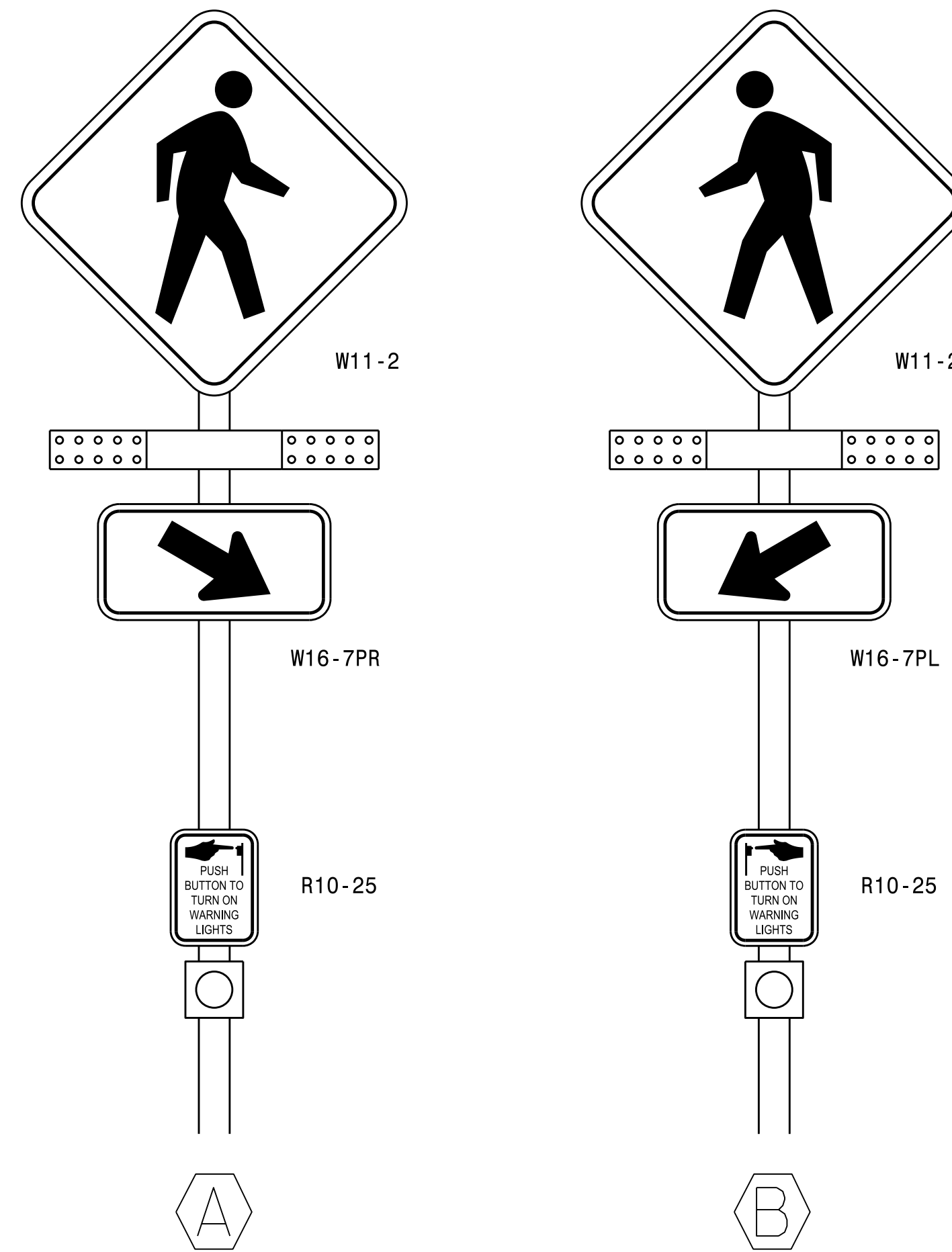
Per Section 4L.03 of the 2023 MUTCD, RRFBs shall provide 75 flashing sequences per minute. During each 800 millisecond flashing sequence, the left and right RRFB indications shall operate using the following sequence:

- The RRFB indication on the left-hand side shall be illuminated for approximately 50 milliseconds. Both RRFB indications shall be dark for approximately 50 milliseconds.
- The RRFB indication on the right-hand side shall be illuminated for approximately 50 milliseconds. Both RRFB indications shall be dark for approximately 50 milliseconds.
- The RRFB indication on the left-hand side shall be illuminated for approximately 50 milliseconds. Both RRFB indications shall be dark for approximately 50 milliseconds.
- The RRFB indication on the right-hand side shall be illuminated for approximately 50 milliseconds. Both RRFB indications shall be dark for approximately 50 milliseconds.
- Both RRFB indications shall be illuminated for approximately 50 milliseconds. Both RRFB indications shall be dark for approximately 50 milliseconds.
- Both RRFB indications shall be illuminated for approximately 50 milliseconds. Both RRFB indications shall be dark for approximately 250 milliseconds.

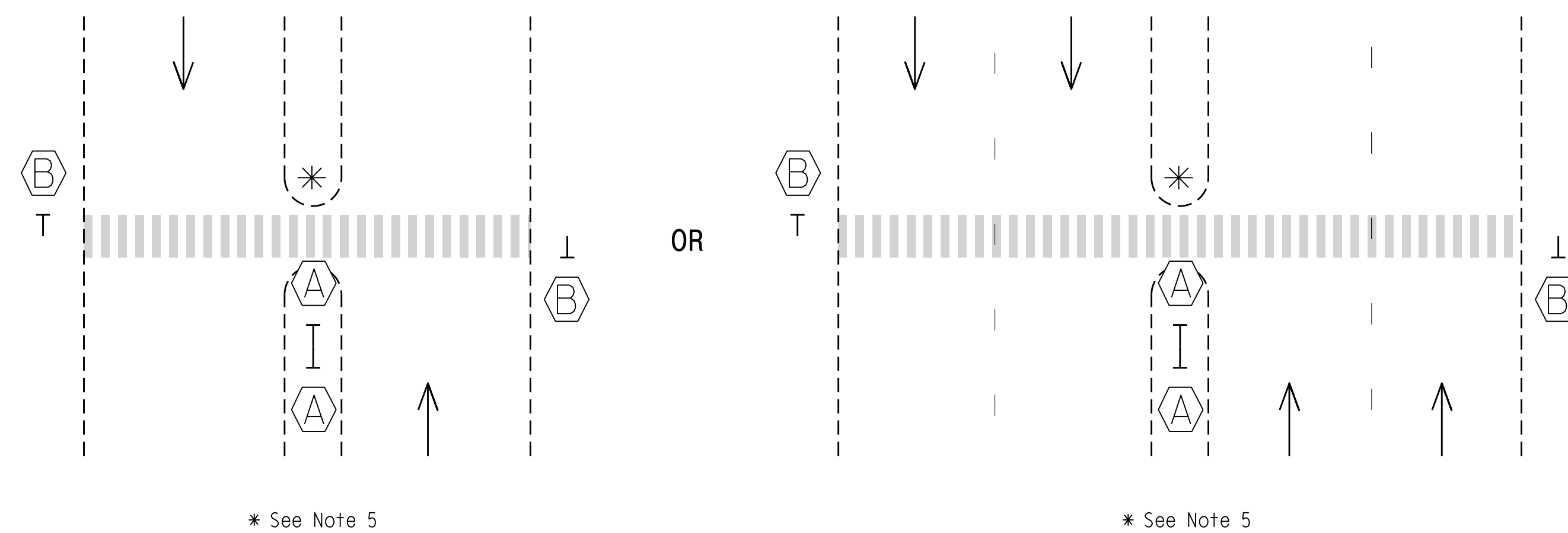
**Two to Four Lanes, Undivided**



**RRFB Sign Detail**



**Two or Multi-Lanes, Divided**



**Standard Drawing for Rectangular Rapid Flashing Beacon**

Prepared in the Offices of:

750 N. Greenfield Parkway  
Garner, NC 27529

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SEAL

DiscSigned by: *Robert J. Ziemba*  
DATE: 05/30/2024

30-MAY-2024 16:59 S:\ITS\GIS\ITS\_Signals\RRFB\_Standards\RRFB\_Standards.rvt Updated 5-24-2024 R. Ziemba

LE99008

COMPUTED BY: JAM DATE: 02/25/2025  
CHECKED BY: VGG DATE: 02/27/2025

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

PROJECT NO. BL-0008 SHEET NO. 3D-1

Note: Invert Elevations indicated are for Bid Purposes only and shall not be used for project construction stakeout.  
See "Standard Specifications For Roads and Structures, Section 300-5".

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48 INCHES & UNDER)

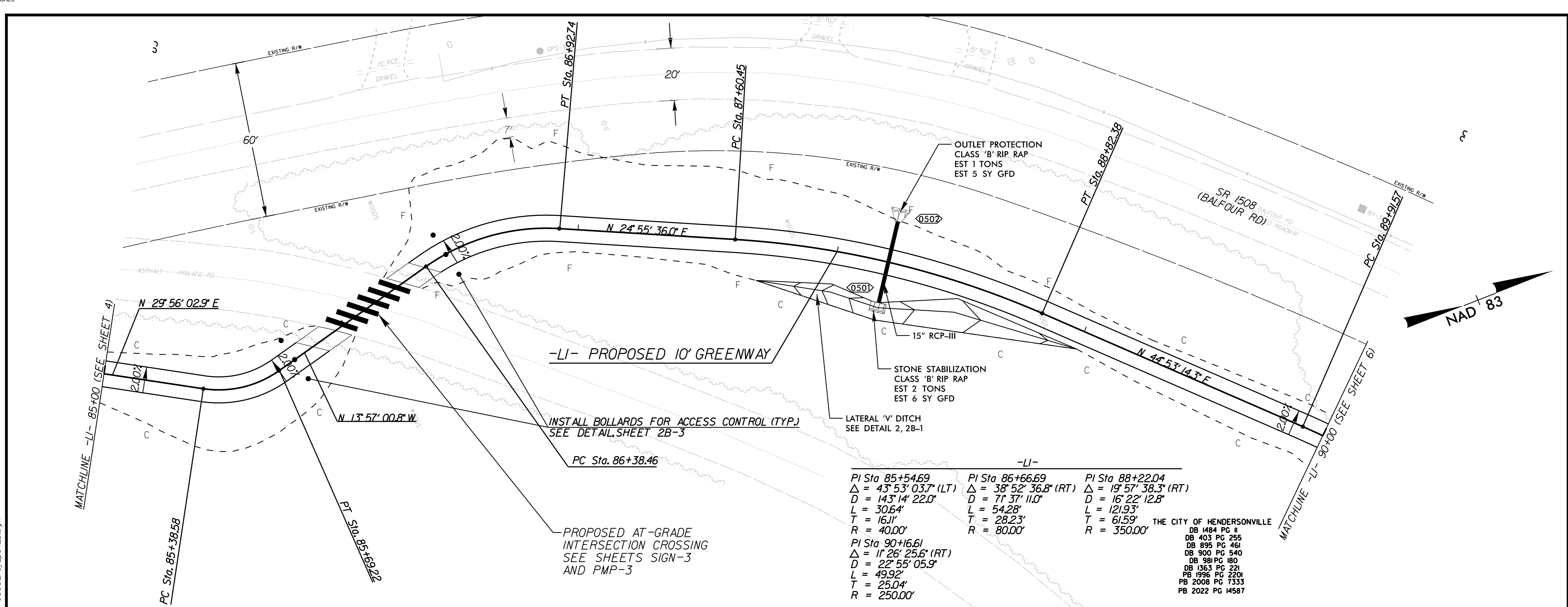
Table with columns for Line & Station, Offset, Structure Number, Invert Elevation, Drainage Pipe, R.C. Pipe Class III/IV, Structural Plate Pipe, Quantities for Drainage Structures, Frame, Grates, and Hood, Concrete, Open Throat, Concrete Bridge Approach, D.I., Adjust C.B., BERM Ditch, Sluice Gate, Modified Conc. Flume, Energy Dissipation Basin, Flowable Fill, Concrete Collars, Concrete and Brick Pipe Plug, and Pipe Removal. Includes a grid for data entry and summary rows for SHEET TOTALS and PROJECT TOTALS.

ABBREVIATIONS  
C.A.A. CORRUGATED ALUMINIUM ALLOY  
C.B. CATCH BASIN  
C.S. CORRUGATED STEEL  
D.I. DROP INLET  
G.D.I. GRATED DROP INLET  
H.D.P.E. HIGH DENSITY POLYETHYLENE  
J.B. JUNCTION BOX  
M.H. MANHOLE  
N.S. NARROW SLOT  
P.V.C. POLYVINYL CHLORIDE  
R.C. REINFORCED CONCRETE  
T.B.D.I. TRAFFIC BEARING DROP INLET  
T.B.J.B. TRAFFIC BEARING JUNCTION BOX  
W.S. WIDE SLOT

REMARKS

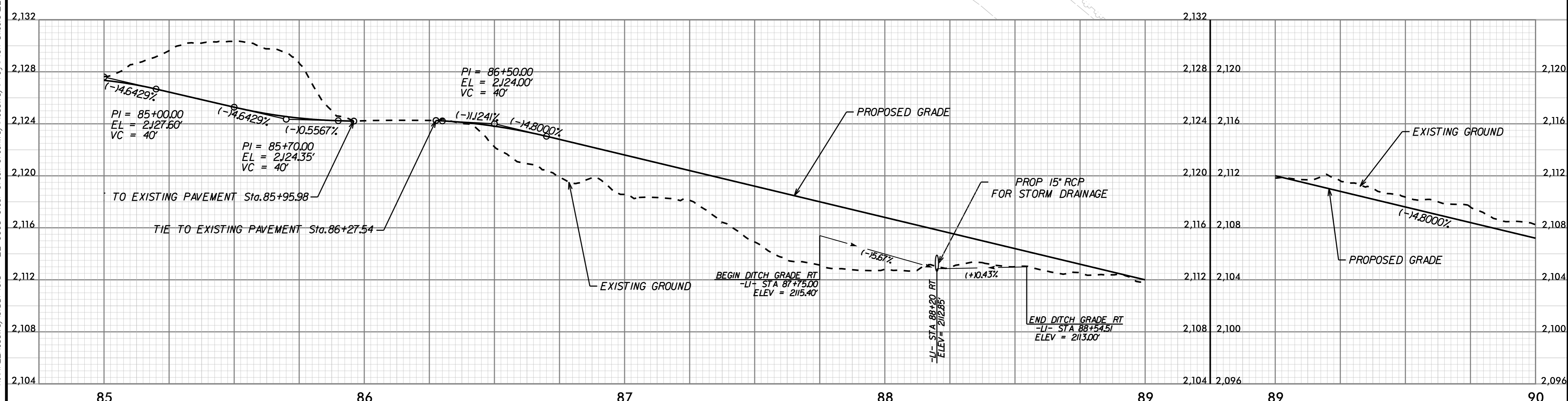






**-LI-**

<b>PI Sta 85+54.69</b> Δ = 43°53'03.7" (LT) D = 143'14" 22.0" L = 30.64' T = 16.11' R = 40.00'	<b>PI Sta 86+66.69</b> Δ = 38°52'36.8" (RT) D = 71'37" 11.0" L = 54.28' T = 28.23' R = 80.00'	<b>PI Sta 88+22.04</b> Δ = 19°57'38.3" (RT) D = 16'22" 12.8" L = 121.93' T = 61.59' R = 350.00'
<b>PI Sta 90+16.61</b> Δ = 11°26'25.6" (RT) D = 22°55'05.9" L = 49.92' T = 25.04' R = 250.00'	<b>THE CITY OF HENDERSONVILLE</b> DB 1484 PG II DB 403 PG 255 DB 895 PG 461 DB 900 PG 540 DB 981 PG 180 DB 1363 PG 221 PB 1996 PG 2201 PB 2008 PG 7333 PB 2022 PG 14587	



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PROFESSIONAL ENGINEER

NO. 052843

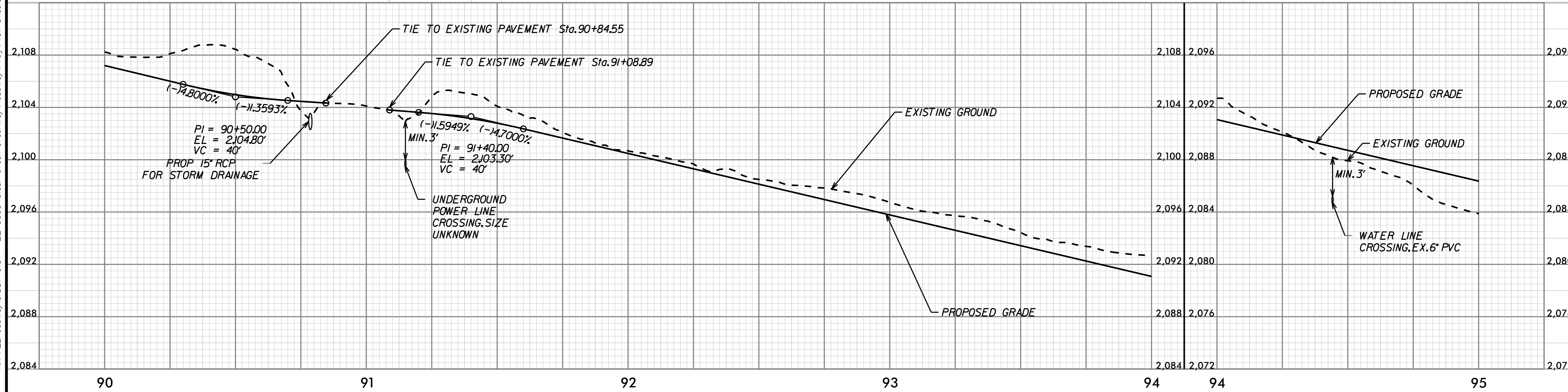
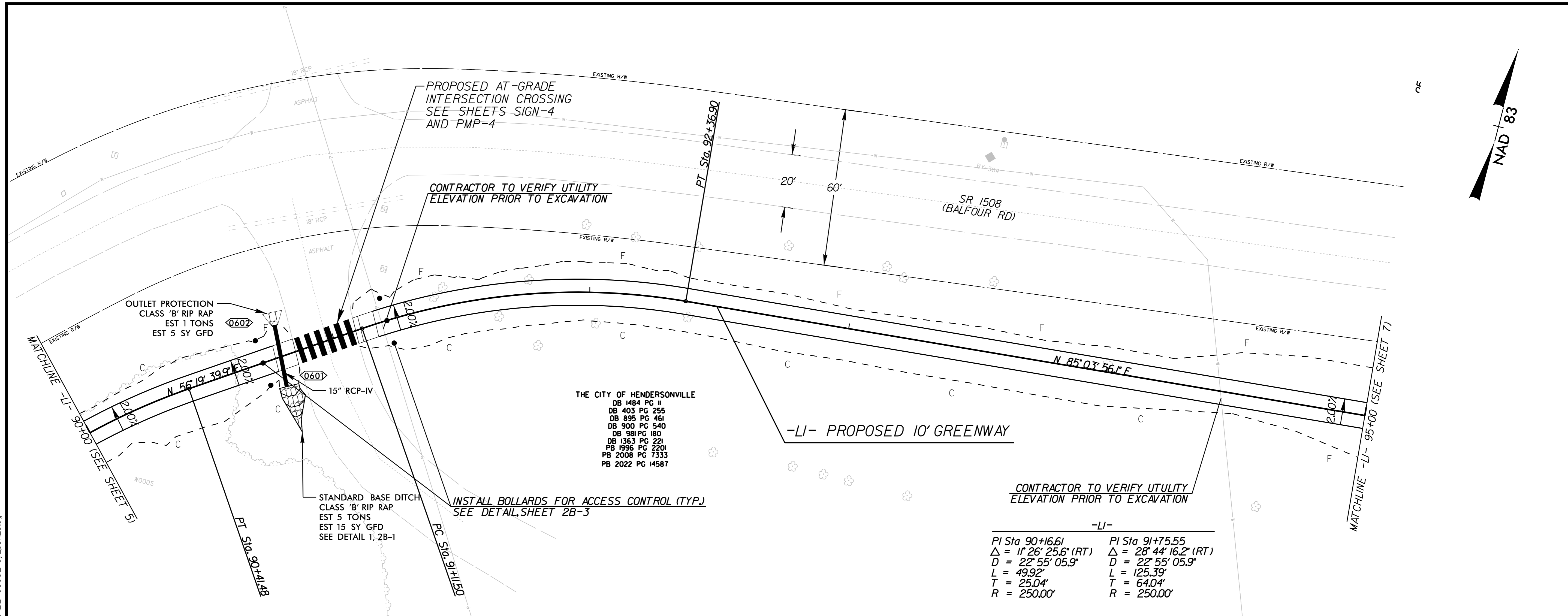
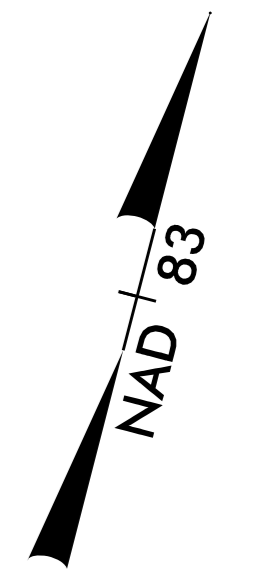
G. GOLDSMITH

10' 0' 20'

PROJECT: **CLEAR CREEK GREENWAY**

JOB NUMBER: 015574013

SHEET NUMBER: 5



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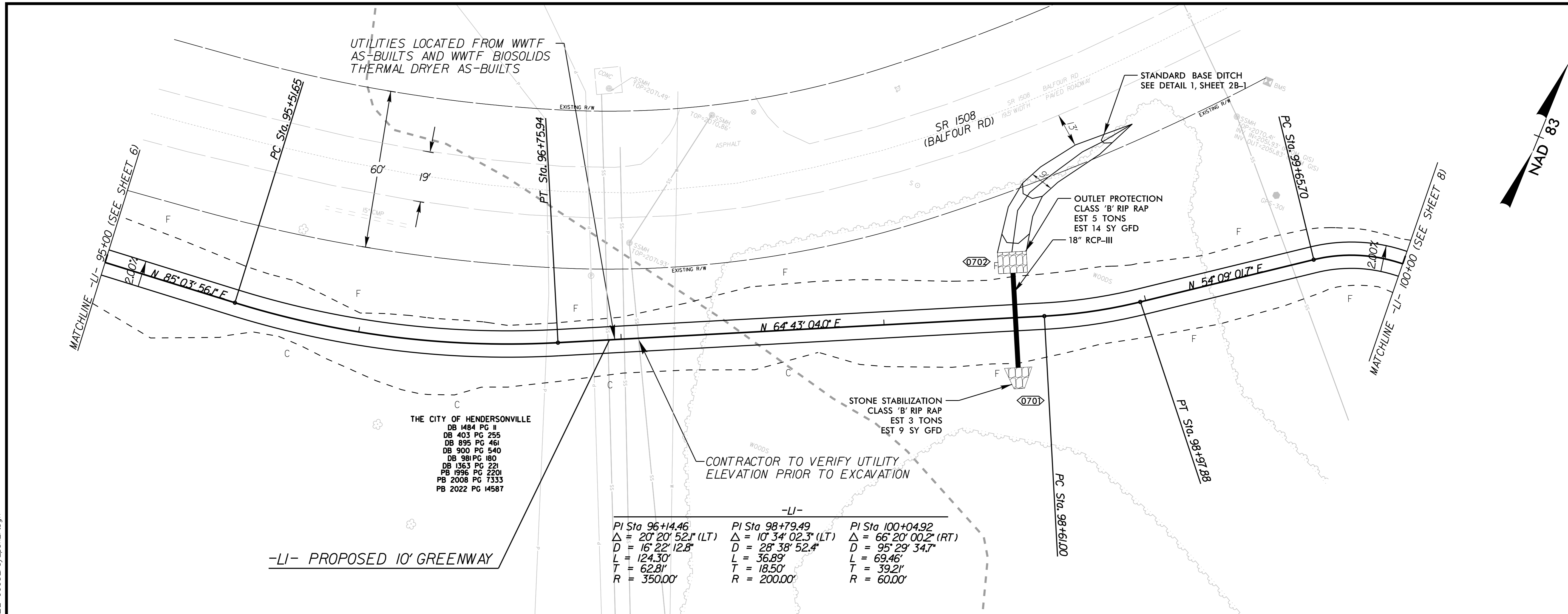
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-L1- PLAN AND PROFILE

PROJECT:

## CLEAR CREEK GREENWAY

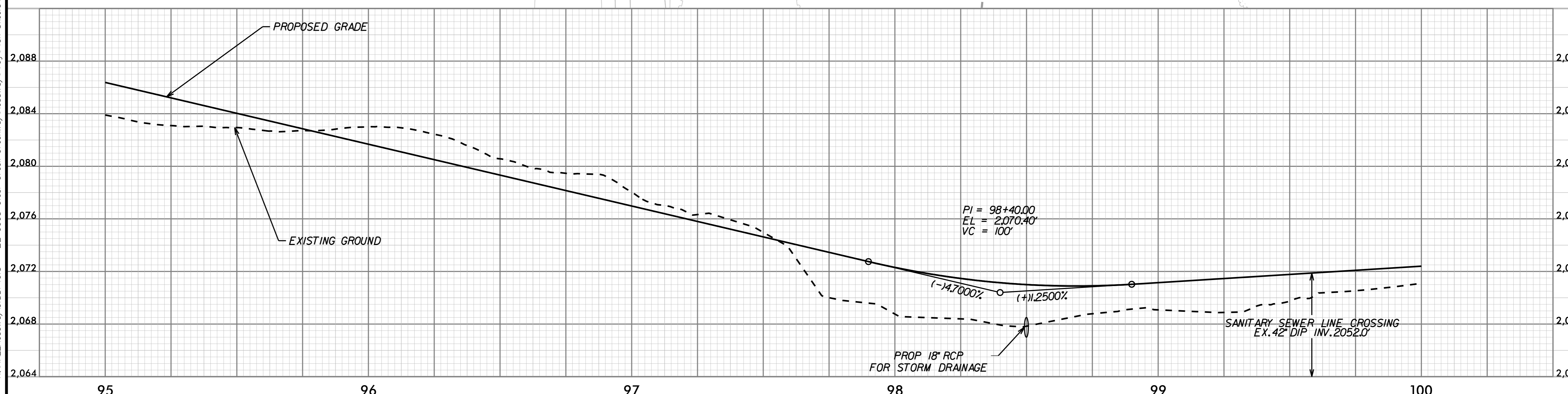
JOB NUMBER: 015574013 SHEET NUMBER: 6



-LI- PROPOSED 10' GREENWAY

-LI-

PI Sta. 96+14.46 $\Delta = 20' 20' 52.1" (LT)$ $D = 16' 22' 12.8"$ $L = 124.30'$ $T = 62.81'$ $R = 350.00'$	PI Sta. 98+79.49 $\Delta = 10' 34' 02.3" (LT)$ $D = 28' 38' 52.4"$ $L = 36.89'$ $T = 18.50'$ $R = 200.00'$	PI Sta. 100+04.92 $\Delta = 66' 20' 00.2" (RT)$ $D = 95' 29' 34.7"$ $L = 69.46'$ $T = 39.21'$ $R = 60.00'$
--	---	---



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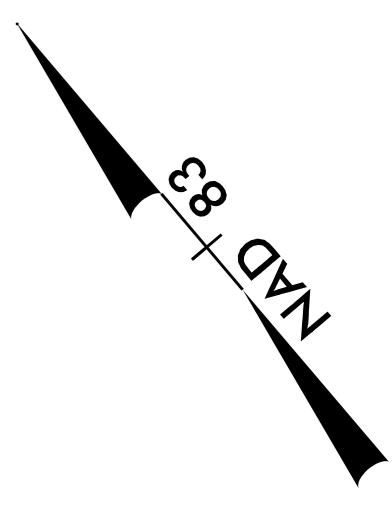
-L1- PLAN AND PROFILE

1" = 0' 20"

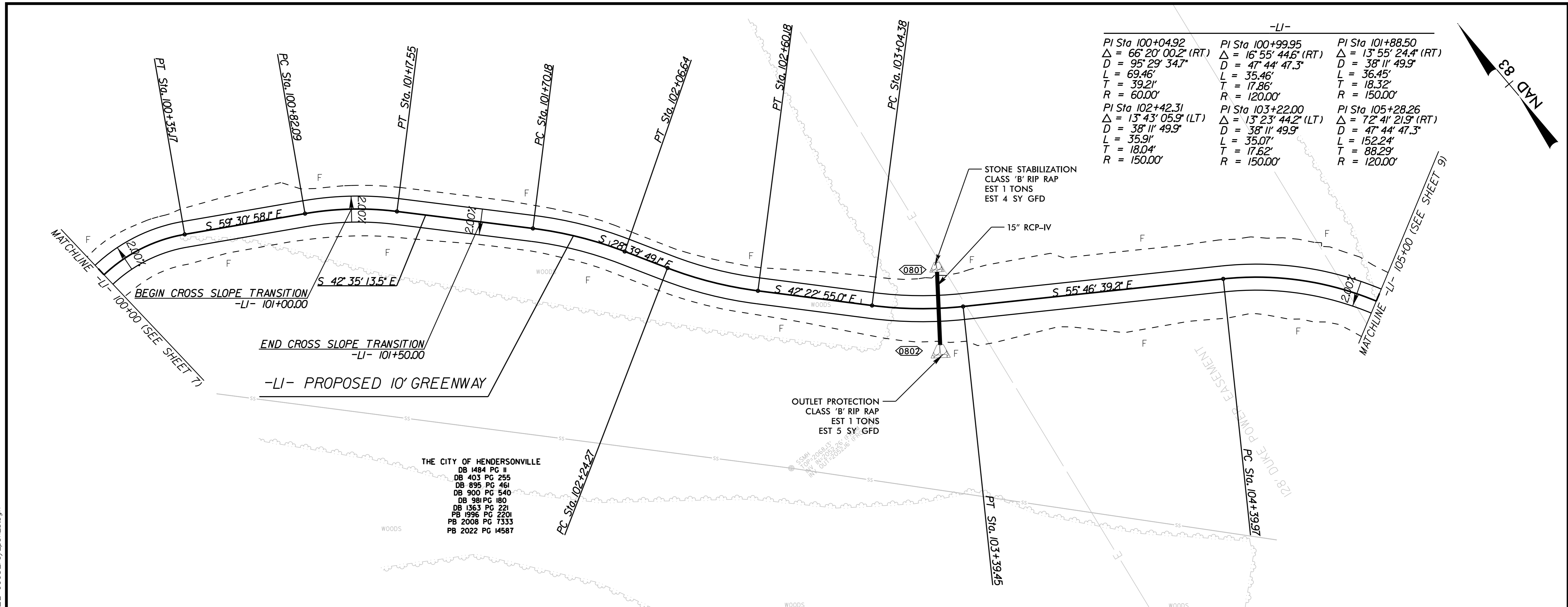
PROJECT:

## CLEAR CREEK GREENWAY

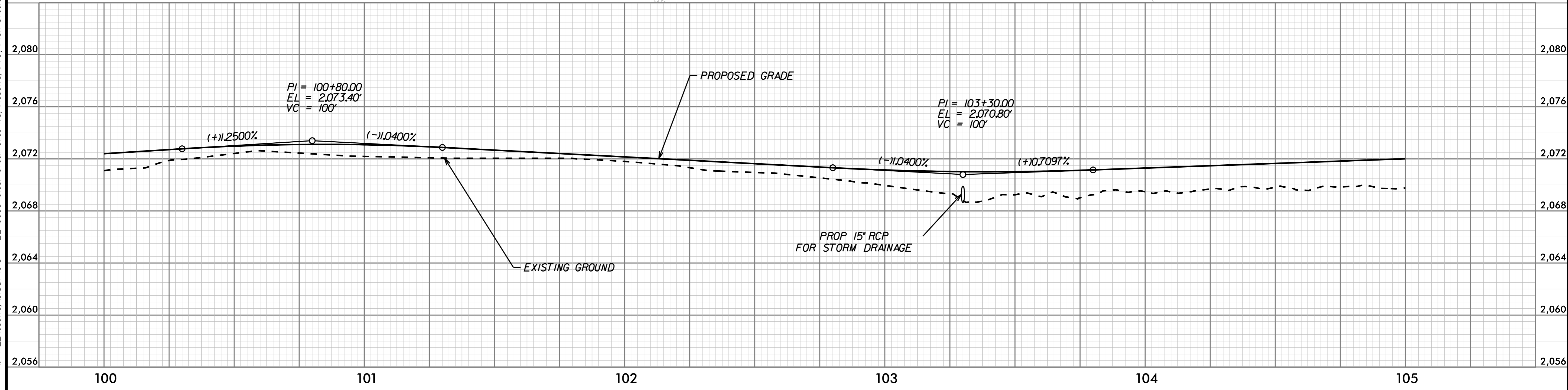
JOB NUMBER: 015574013 SHEET NUMBER: 7



-LI-		
PI Sta 100+04.92 Δ = 66° 20' 00.2" (RT) D = 95° 29' 34.7" L = 69.46' T = 39.21' R = 60.00'	PI Sta 100+99.95 Δ = 16° 55' 44.6" (RT) D = 47° 44' 47.3" L = 35.46' T = 17.86' R = 120.00'	PI Sta 101+88.50 Δ = 13° 55' 24.4" (RT) D = 38° 11' 49.9" L = 36.45' T = 18.32' R = 150.00'
PI Sta 102+42.31 Δ = 13° 43' 05.9" (LT) D = 38° 11' 49.9" L = 35.91' T = 18.04' R = 150.00'	PI Sta 103+22.00 Δ = 13° 23' 44.2" (LT) D = 38° 11' 49.9" L = 35.07' T = 17.62' R = 150.00'	PI Sta 105+28.26 Δ = 72° 41' 21.9" (RT) D = 47° 44' 47.3" L = 152.24' T = 88.29' R = 120.00'



THE CITY OF HENDERSONVILLE  
 DB 1484 PG 1  
 DB 403 PG 255  
 DB 895 PG 461  
 DB 900 PG 540  
 DB 981 PG 180  
 DB 1363 PG 221  
 PB 1936 PG 2201  
 PB 2008 PG 1333  
 PB 2022 PG 14587



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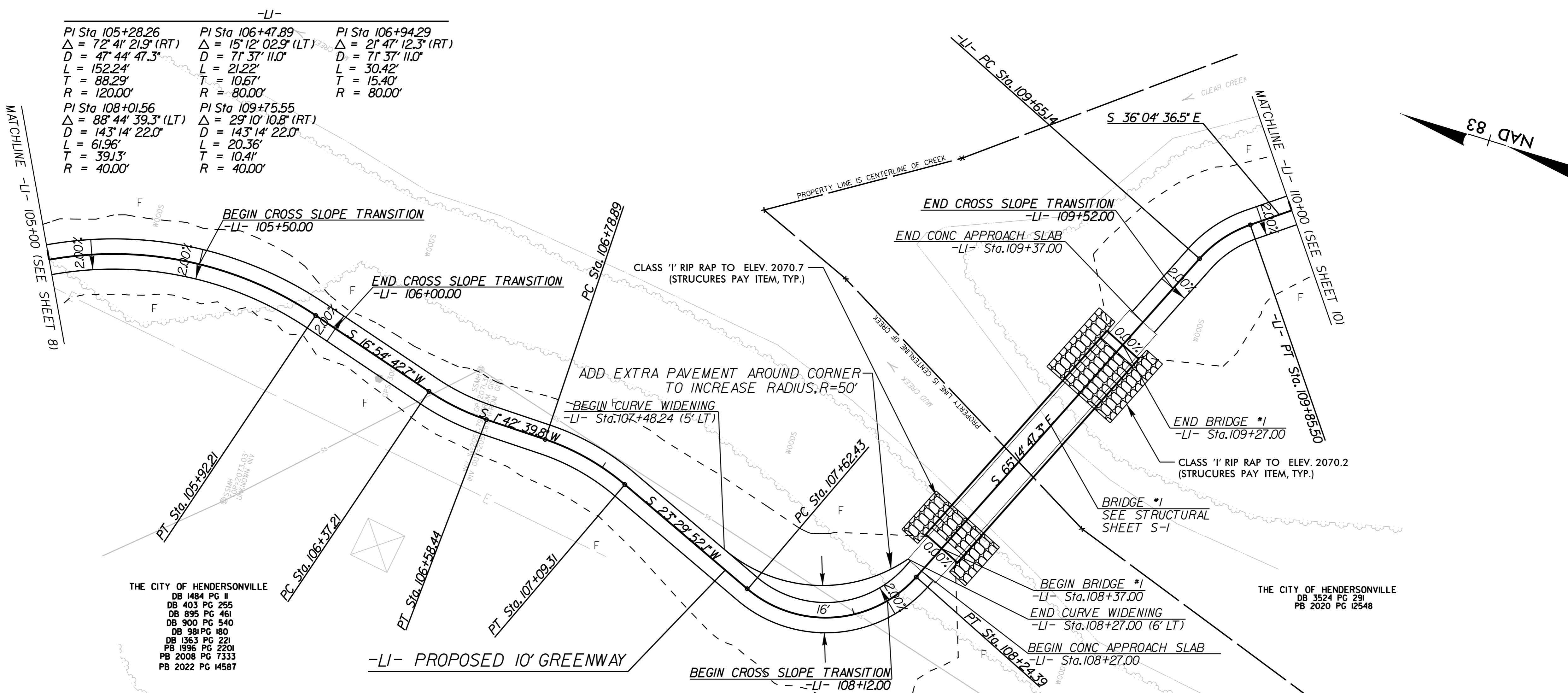
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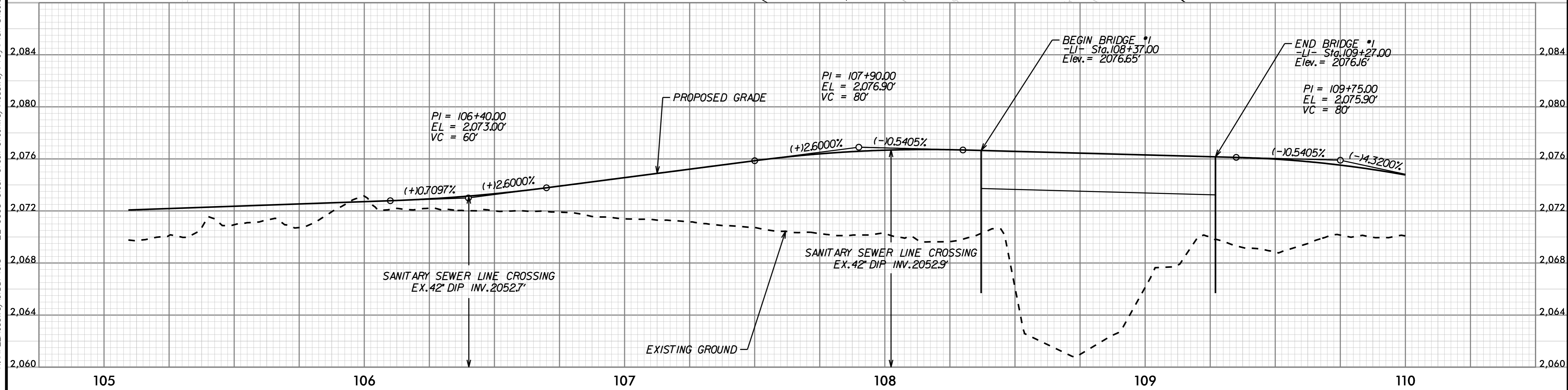
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PROJECT:	CLEAR CREEK GREENWAY
JOB NUMBER:	015574013
SHEET NUMBER:	8



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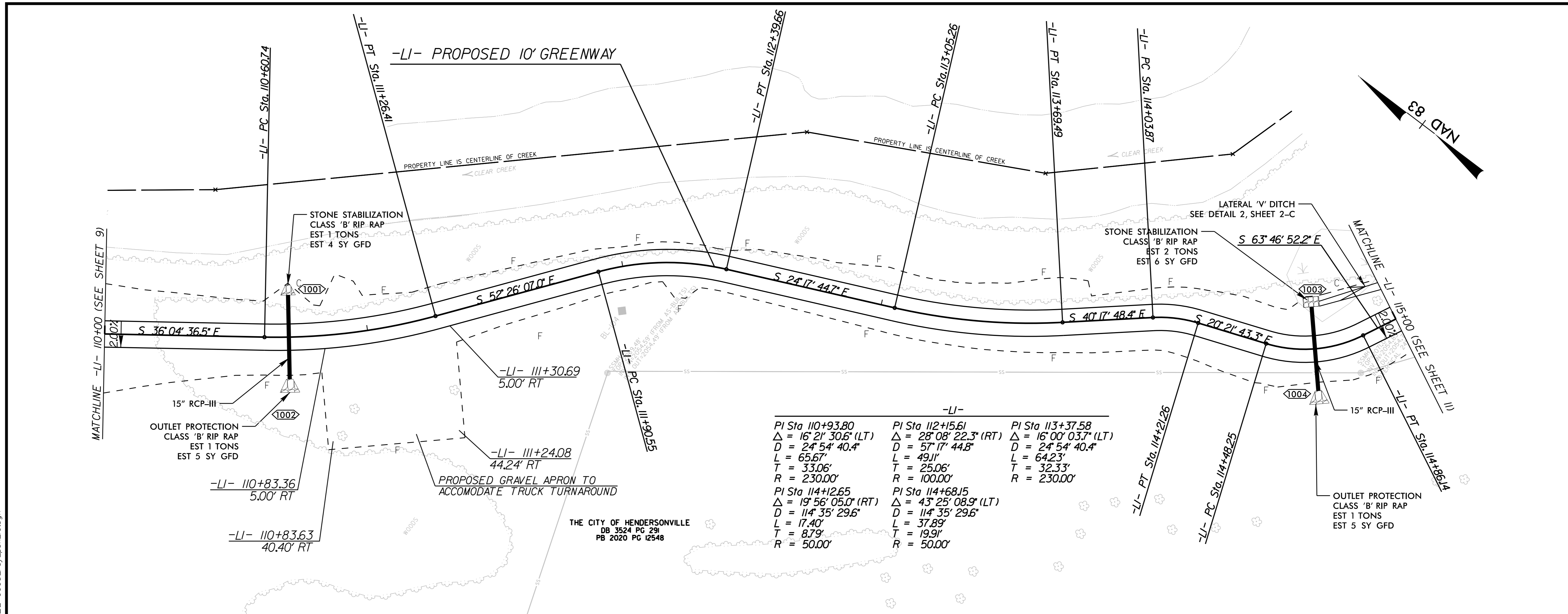
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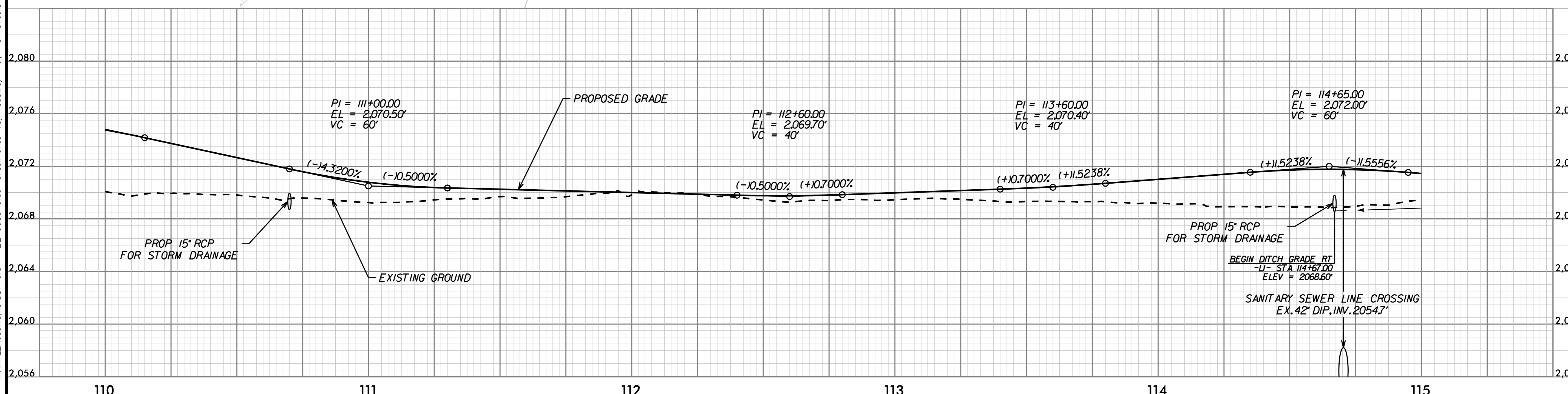
-L1- PLAN AND PROFILE

10' 0' 20'

PROJECT:	CLEAR CREEK GREENWAY
JOB NUMBER:	015574013
SHEET NUMBER:	9



-LI-		
PI Sta 110+93.80	PI Sta 112+15.61	PI Sta 113+37.58
$\Delta = 16' 21' 30.6''$ (LT)	$\Delta = 28' 08' 22.3''$ (RT)	$\Delta = 16' 00' 03.7''$ (LT)
D = 24' 54' 40.4"	D = 57' 17' 44.8"	D = 24' 54' 40.4"
L = 65.67'	L = 49.11'	L = 64.23'
T = 33.06'	T = 25.06'	T = 32.33'
R = 230.00'	R = 100.00'	R = 230.00'
PI Sta 114+12.65	PI Sta 114+68.15	
$\Delta = 19' 56' 05.0''$ (RT)	$\Delta = 43' 25' 08.9''$ (LT)	
D = 114' 35' 29.6"	D = 114' 35' 29.6"	
L = 17.40'	L = 37.89'	
T = 8.79'	T = 19.91'	
R = 50.00'	R = 50.00'	



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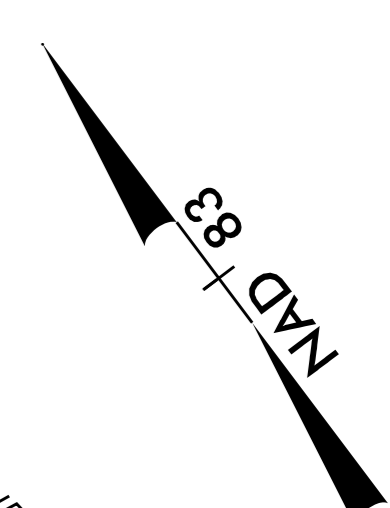
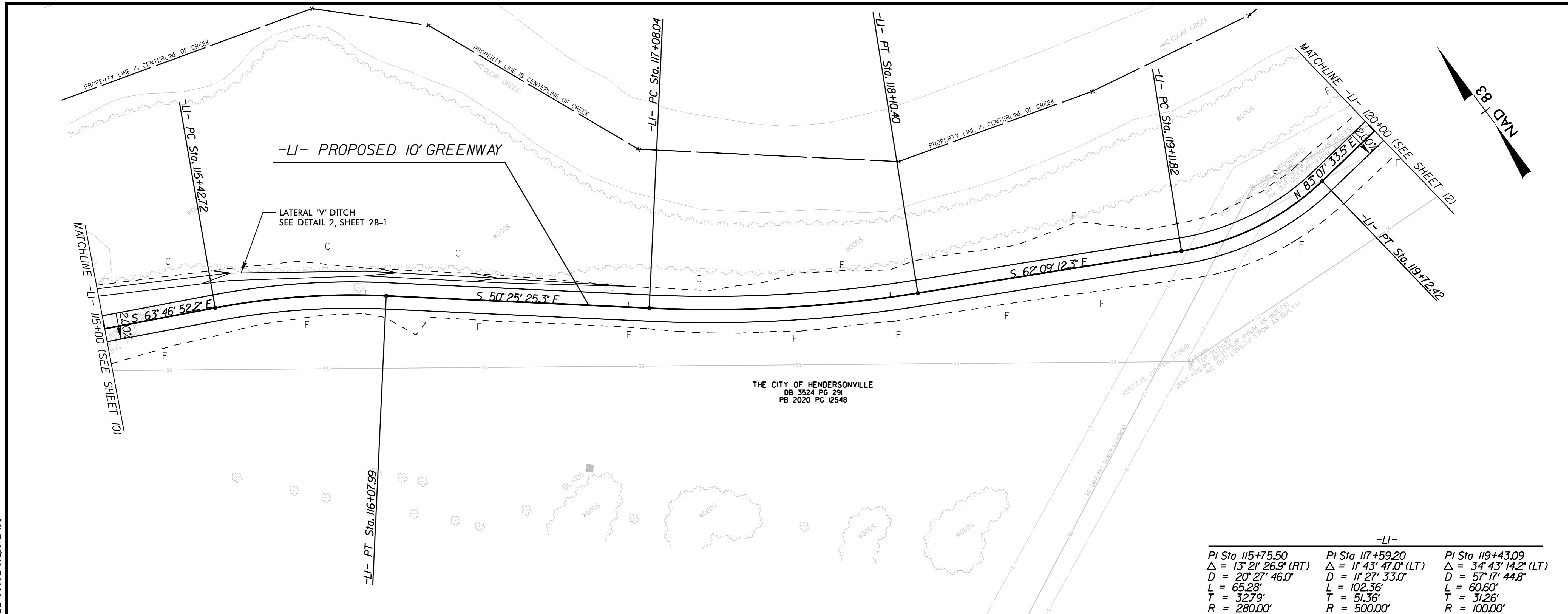
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-L1- PLAN AND PROFILE

10' 0' 20'

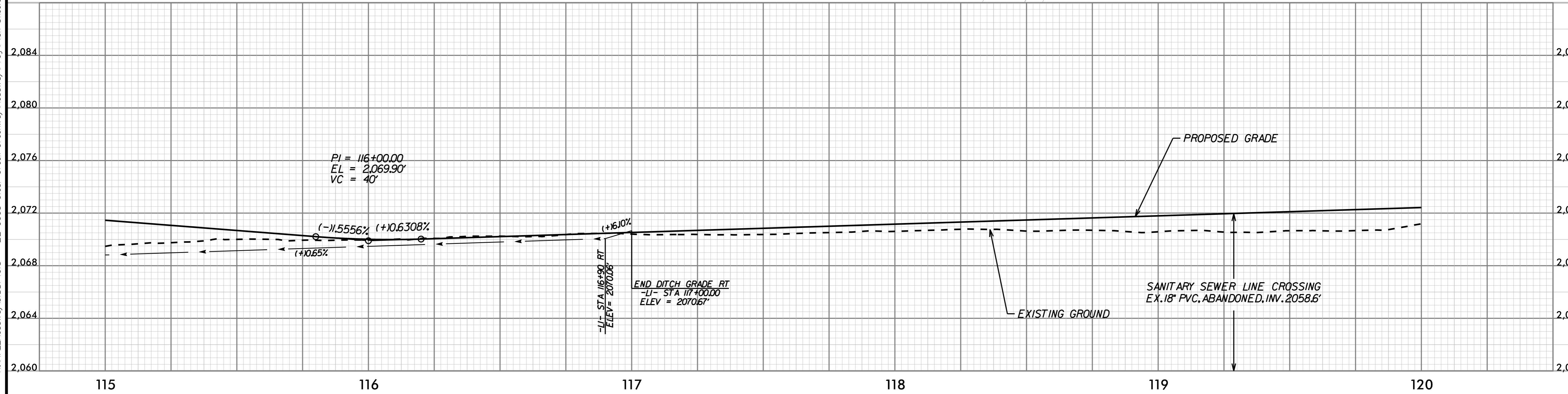
PROJECT: CLEAR CREEK GREENWAY

JOB NUMBER: 015574013 SHEET NUMBER: 10



THE CITY OF HENDERSONVILLE  
DB 3524 PG 291  
PB 2020 PG 12548

-LI-		
PI Sta 115+75.50	PI Sta 117+59.20	PI Sta 119+43.09
$\Delta = 13^{\circ} 21' 26.9''$ (RT)	$\Delta = 11^{\circ} 43' 47.0''$ (LT)	$\Delta = 34^{\circ} 43' 14.2''$ (LT)
D = 20' 27' 46.0"	D = 11' 27' 33.0"	D = 57' 17' 44.8"
L = 65.28'	L = 102.36'	L = 60.60'
T = 32.79'	T = 51.36'	T = 31.26'
R = 280.00'	R = 500.00'	R = 100.00'



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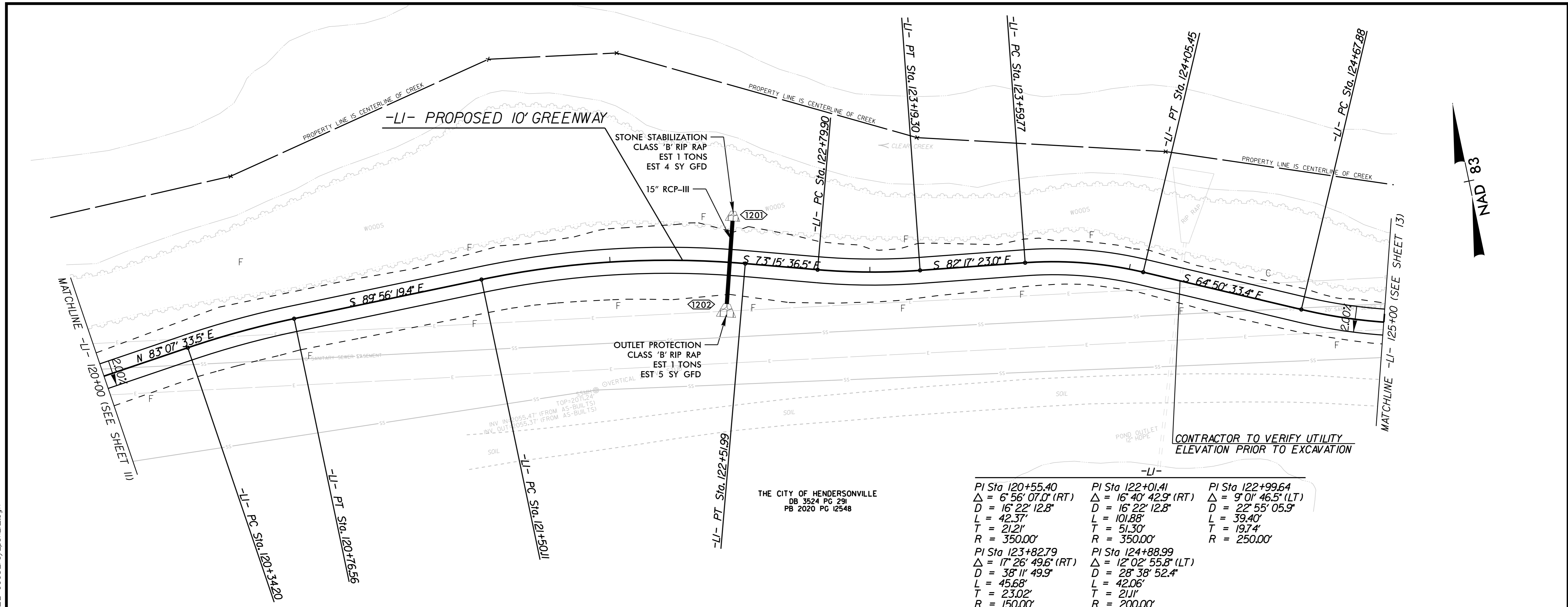
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-L1- PLAN AND PROFILE

PROJECT: CLEAR CREEK GREENWAY

JOB NUMBER: 015574013 SHEET NUMBER: 11

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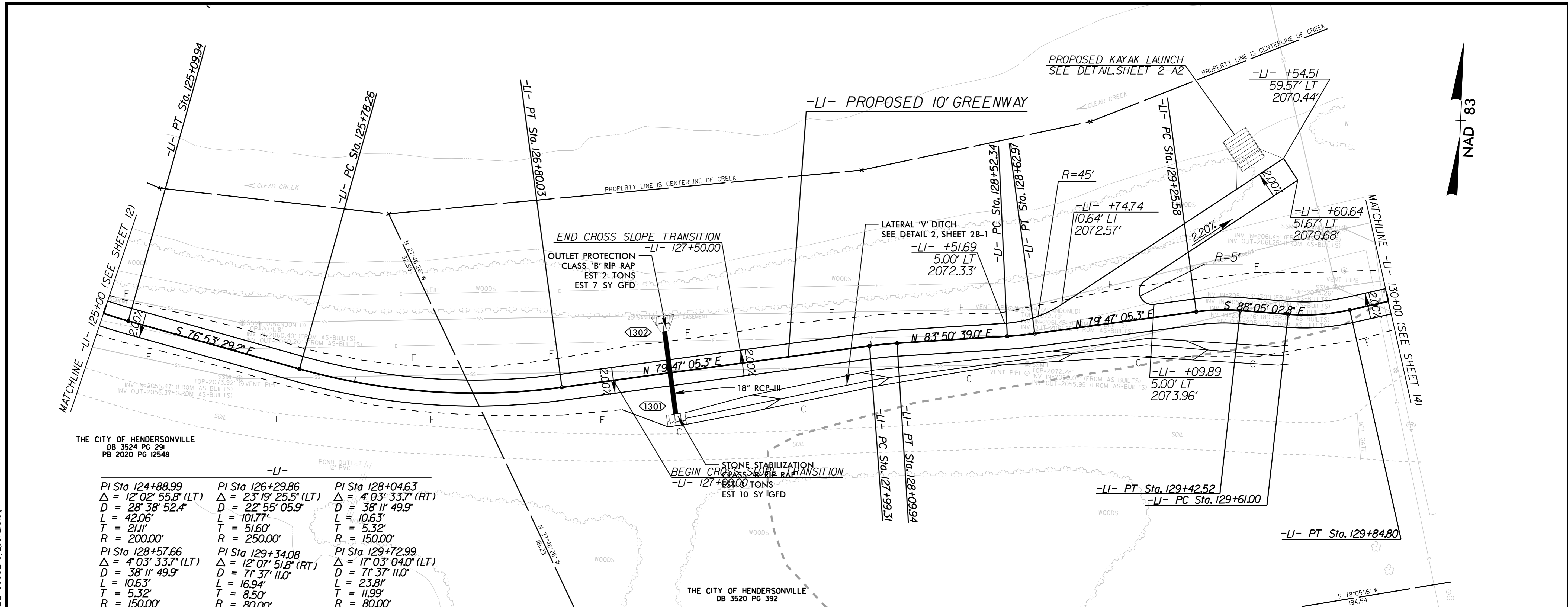
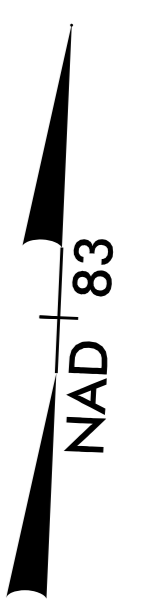
-L1- PLAN AND PROFILE

10' 0' 20'

PROJECT: **CLEAR CREEK GREENWAY**

JOB NUMBER: 015574013

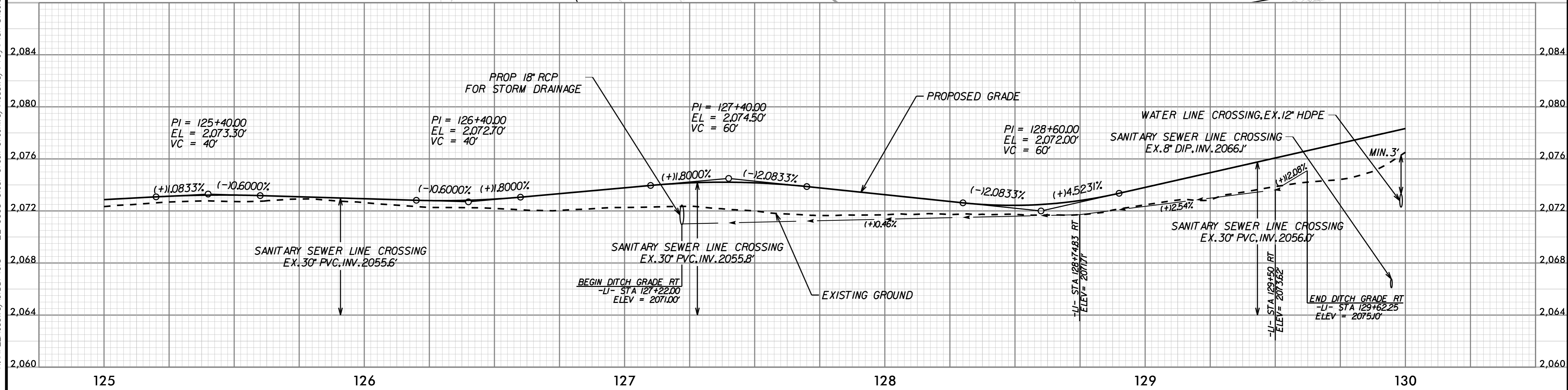
SHEET NUMBER: 12



THE CITY OF HENDERSONVILLE  
DB 3524 PG 291  
PB 2020 PG 12548

THE CITY OF HENDERSONVILLE  
DB 3520 PG 392

-LI-		
PI Sta 124+88.99 Δ = 12° 02' 55.8" (LT) D = 28' 38" 52.4" L = 42.06' T = 21.11' R = 200.00'	PI Sta 126+29.86 Δ = 23° 19' 25.5" (LT) D = 22' 55" 05.9" L = 10.77' T = 5.160' R = 250.00'	PI Sta 128+04.63 Δ = 4° 03' 33.7" (RT) D = 38' 11" 49.9" L = 10.63' T = 5.32' R = 150.00'
PI Sta 128+57.66 Δ = 4° 03' 33.7" (LT) D = 38' 11" 49.9" L = 10.63' T = 5.32' R = 150.00'	PI Sta 129+34.08 Δ = 12° 07' 51.8" (RT) D = 71' 37" 11.0" L = 16.94' T = 8.50' R = 80.00'	PI Sta 129+72.99 Δ = 17° 03' 04.0" (LT) D = 71' 37" 11.0" L = 23.81' T = 11.99' R = 80.00'



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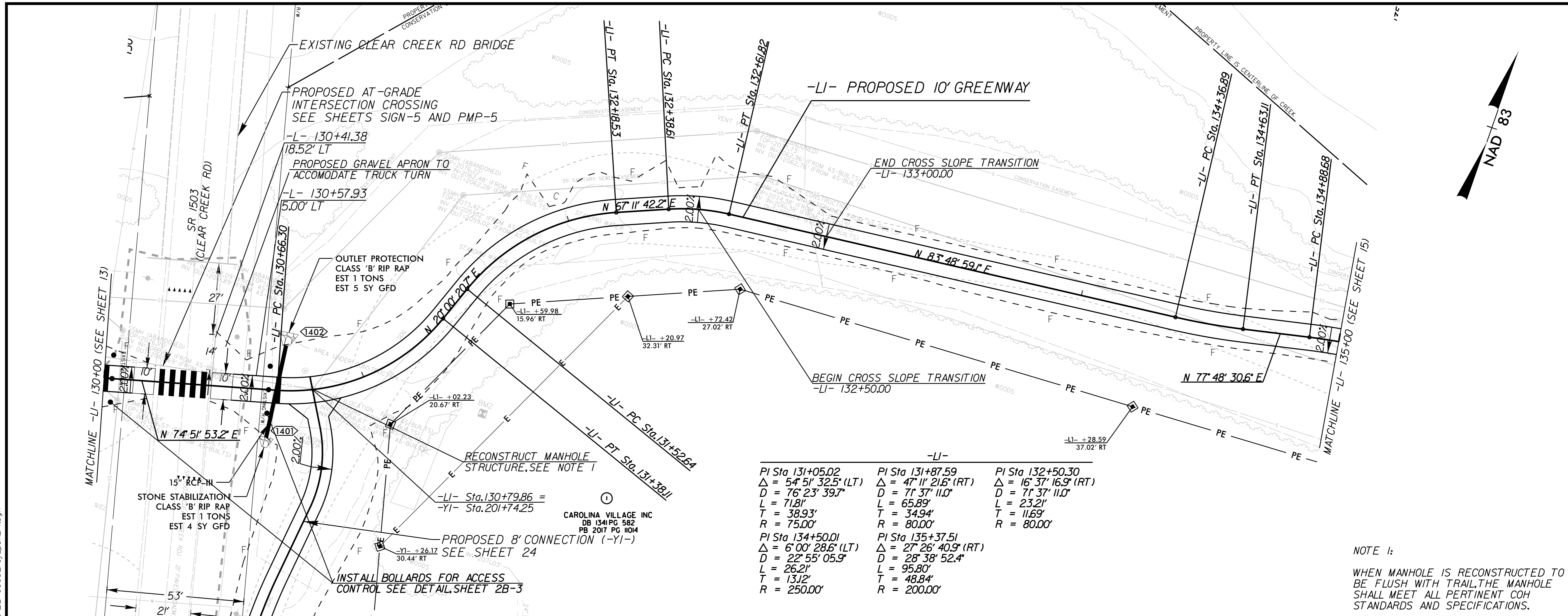
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-L1- PLAN AND PROFILE

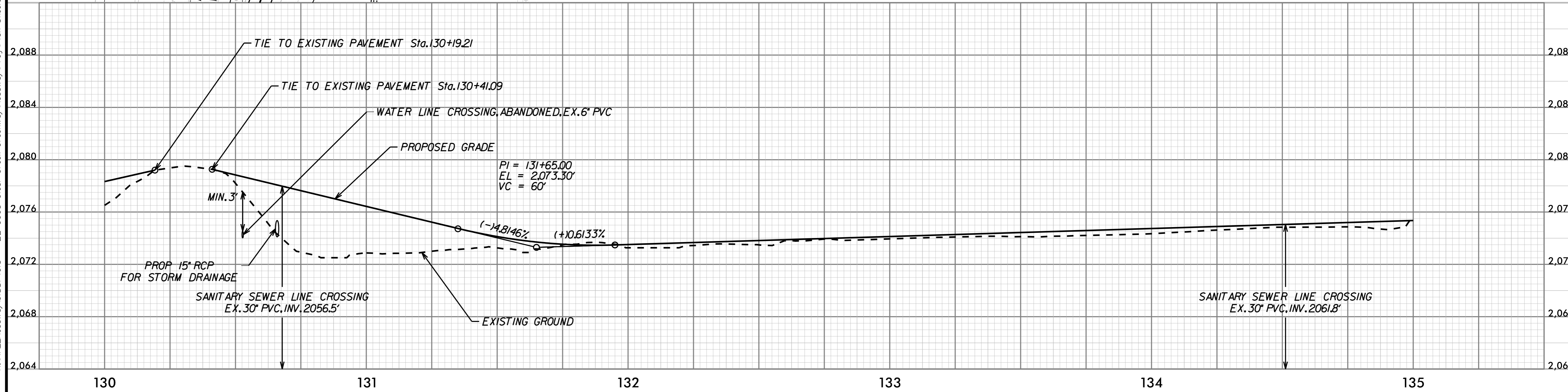
PROJECT:	CLEAR CREEK GREENWAY
JOB NUMBER:	015574013
SHEET NUMBER:	13

K:\RAL\_Roadway\015574013 - BL-0008 Clear Creek Greenway\Roadway\Proj\Plan Sheets\BL-0008\_rdy\_psh\_L4.dgn



-LI-		
PI Sta 131+05.02	PI Sta 131+87.59	PI Sta 132+50.30
$\Delta = 54^\circ 51' 32.5''$ (LT)	$\Delta = 47^\circ 11' 21.6''$ (RT)	$\Delta = 16^\circ 37' 16.9''$ (RT)
D = 76' 23' 39.7"	D = 71' 37' 11.0"	D = 71' 37' 11.0"
L = 71.81'	L = 65.89'	L = 23.21'
T = 38.93'	T = 34.94'	T = 11.69'
R = 75.00'	R = 80.00'	R = 80.00'
-LI-		
PI Sta 134+50.01	PI Sta 135+37.51	
$\Delta = 6^\circ 00' 28.6''$ (LT)	$\Delta = 27^\circ 26' 40.9''$ (RT)	
D = 22' 55' 05.9"	D = 28' 38' 52.4"	
L = 26.21'	L = 95.80'	
T = 13.12'	T = 48.84'	
R = 250.00'	R = 200.00'	

NOTE 1:  
WHEN MANHOLE IS RECONSTRUCTED TO BE FLUSH WITH TRAIL, THE MANHOLE SHALL MEET ALL PERTINENT COH STANDARDS AND SPECIFICATIONS.



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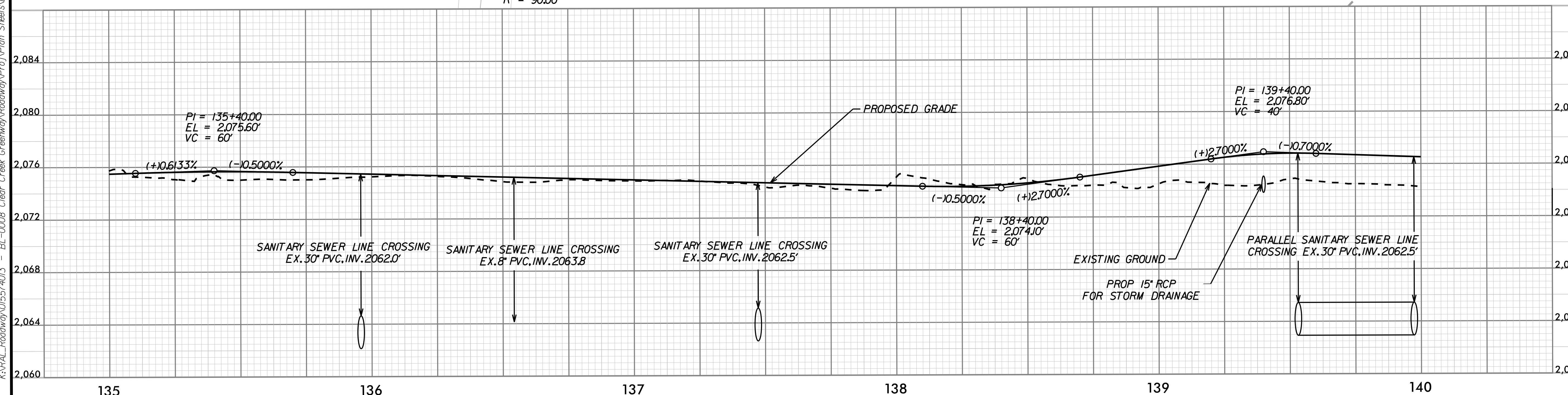
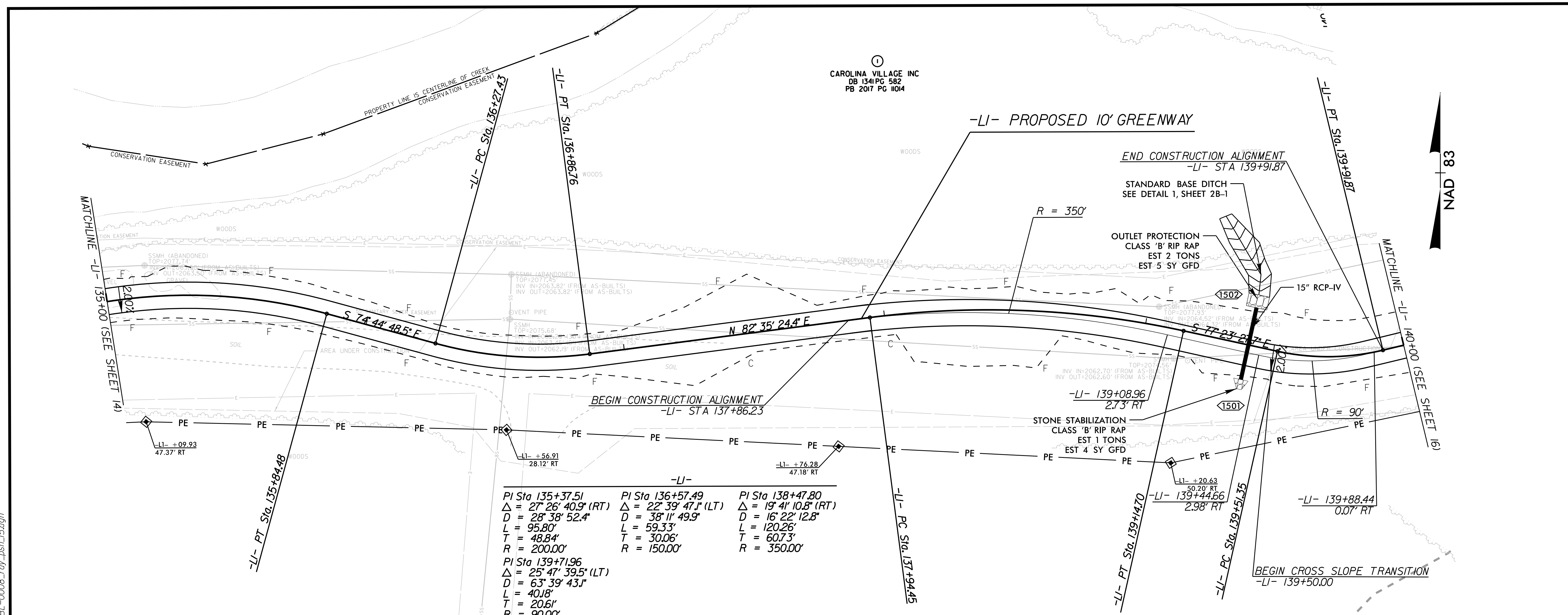
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-L1- PLAN AND PROFILE

PROJECT:  
**CLEAR CREEK GREENWAY**

JOB NUMBER: 015574013      SHEET NUMBER: 14



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-L1- PLAN AND PROFILE

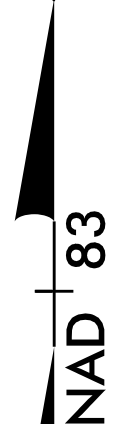
PROFESSIONAL SEAL

10' 0' 20'

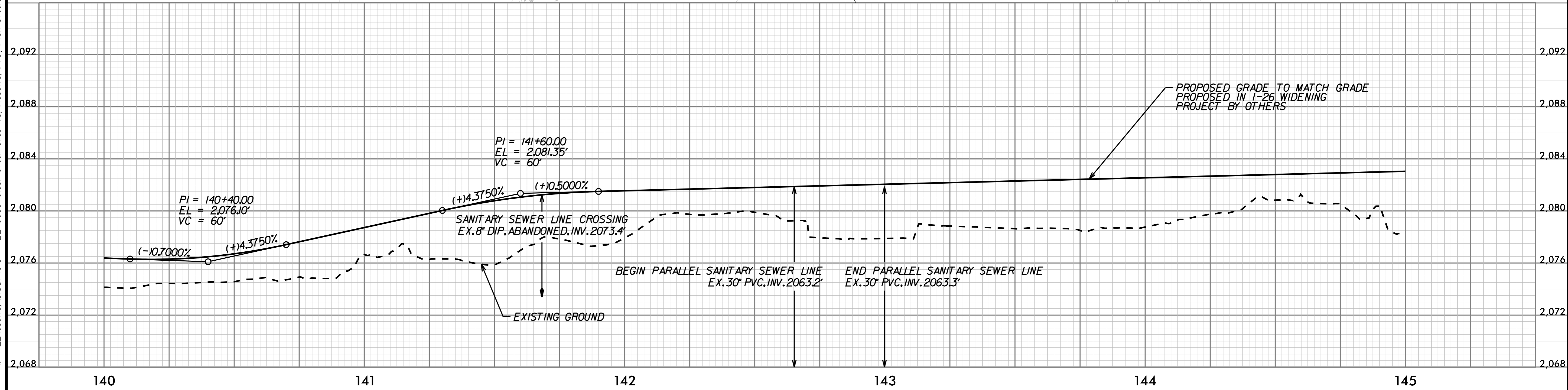
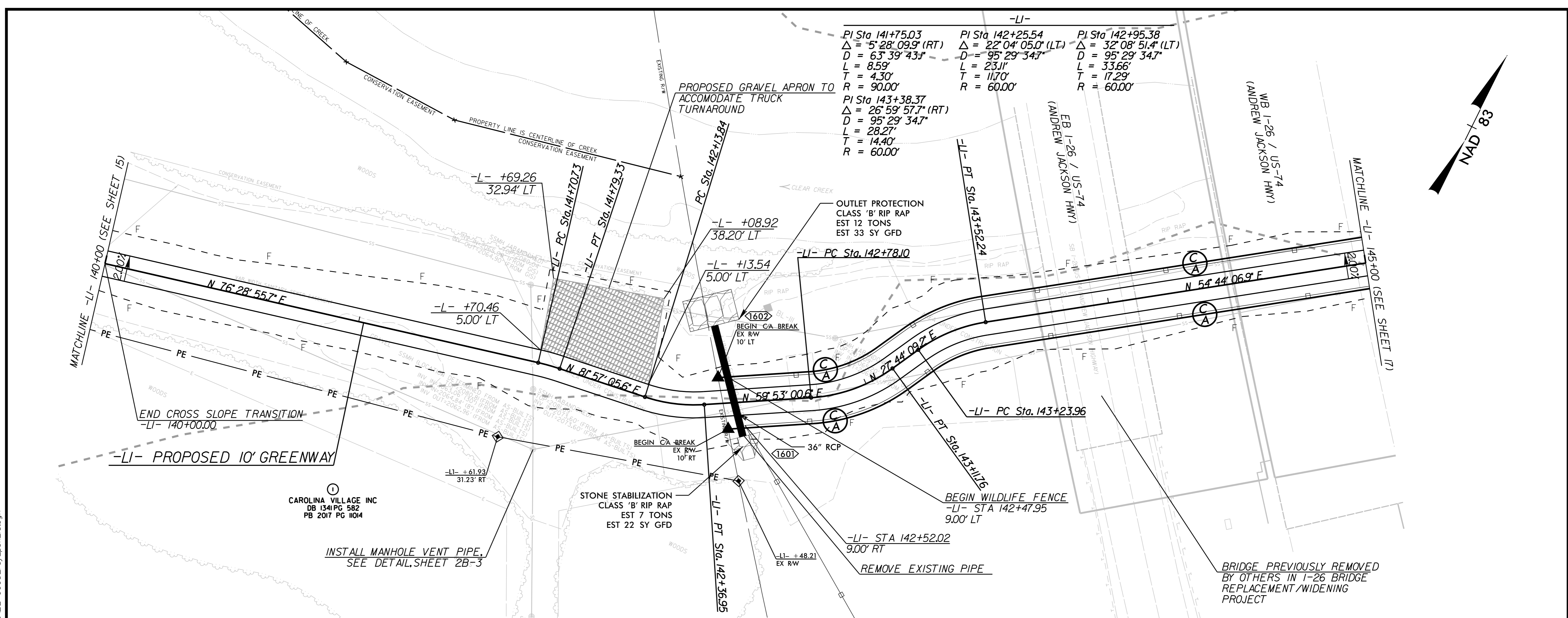
PROJECT: CLEAR CREEK GREENWAY

JOB NUMBER: 015574013

SHEET NUMBER: 15



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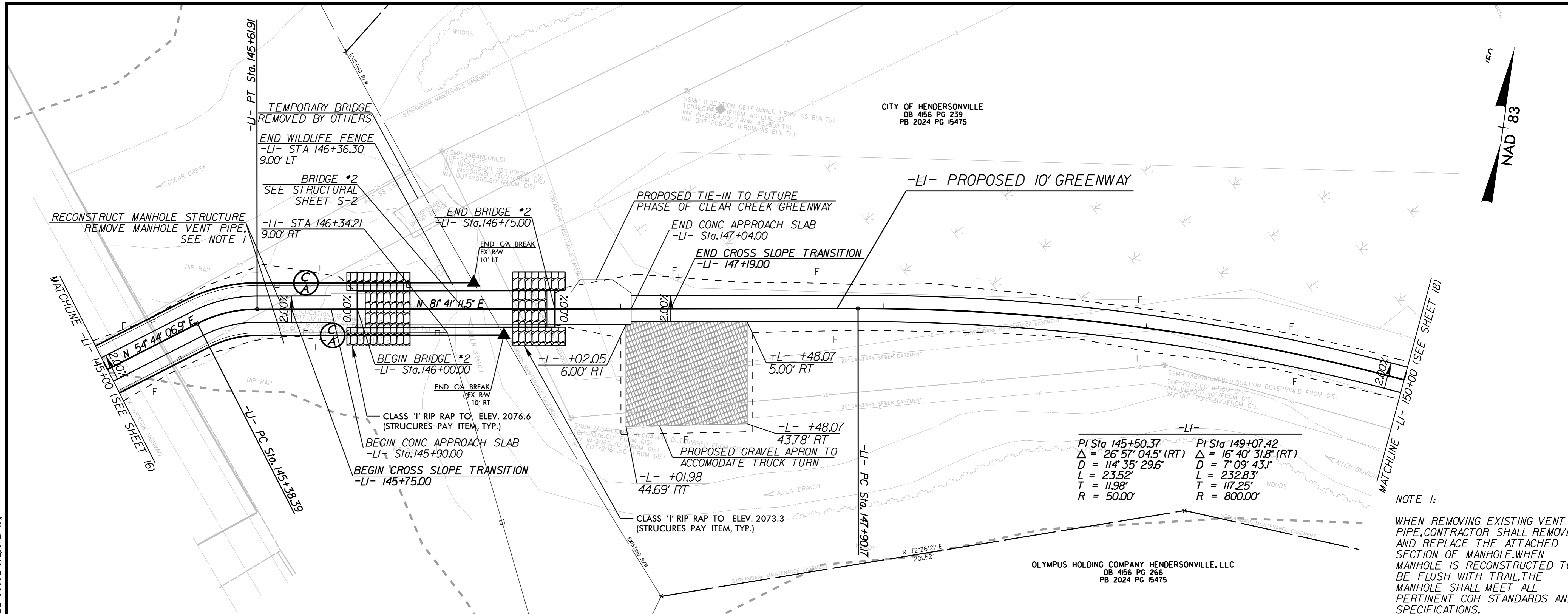
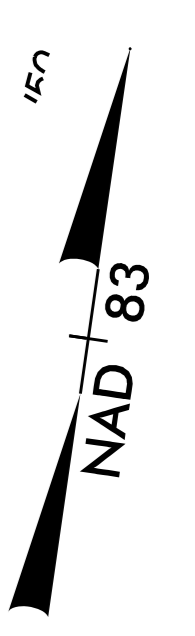
-L1- PLAN AND PROFILE

PROFESSIONAL ENGINEER

10' 0' 20'

PROJECT: CLEAR CREEK GREENWAY

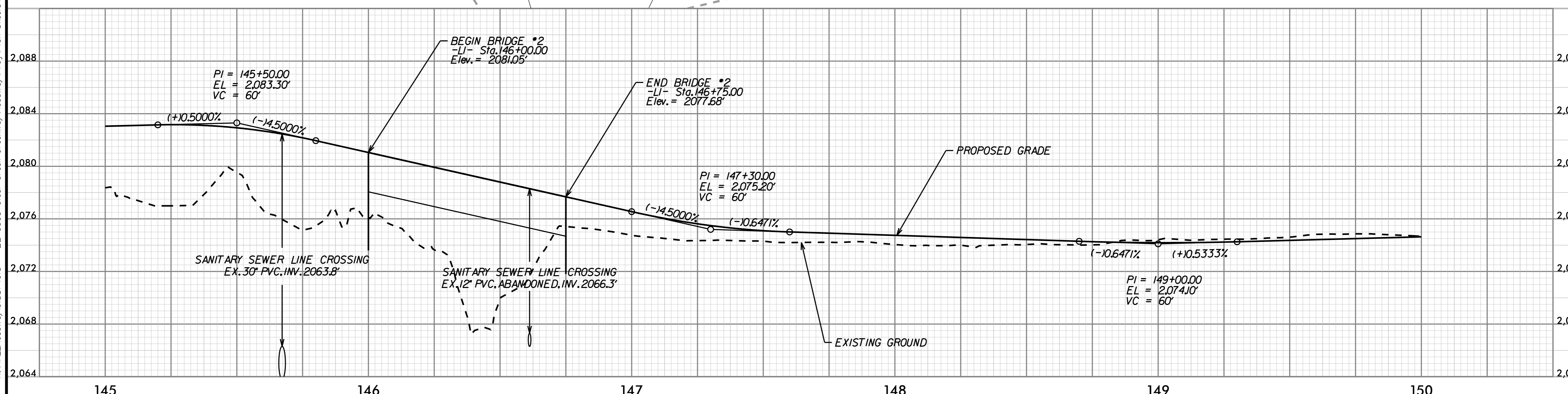
JOB NUMBER: 015574013 SHEET NUMBER: 16



-LI-	
PI Sta 145+50.37	PI Sta 149+07.42
$\Delta = 26' 57' 04.5" (RT)$	$\Delta = 16' 40' 31.8" (RT)$
$D = 114' 35' 29.6"$	$D = 7' 09' 43.1"$
$L = 232.52'$	$L = 232.83'$
$T = 11.98'$	$T = 117.25'$
$R = 500.00'$	$R = 800.00'$

NOTE 1:  
 WHEN REMOVING EXISTING VENT PIPE, CONTRACTOR SHALL REMOVE AND REPLACE THE ATTACHED SECTION OF MANHOLE WHEN MANHOLE IS RECONSTRUCTED TO BE FLUSH WITH TRAIL, THE MANHOLE SHALL MEET ALL PERTINENT COH STANDARDS AND SPECIFICATIONS.

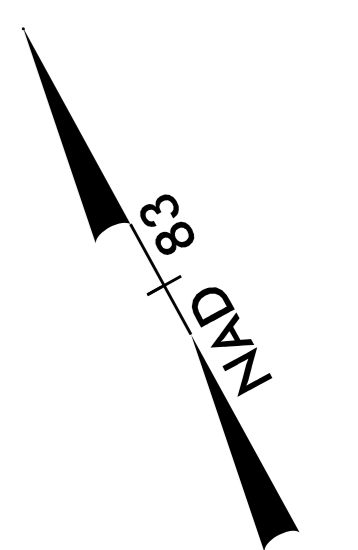
OLYMPUS HOLDING COMPANY HENDERSONVILLE, LLC  
 DB 4156 PG 266  
 PB 2024 PG 15475



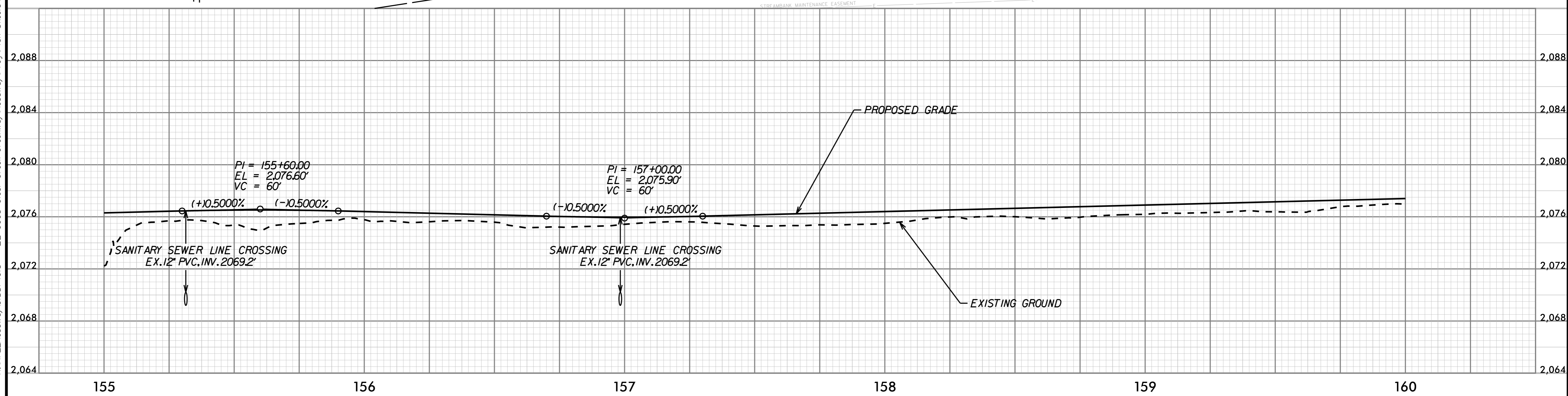
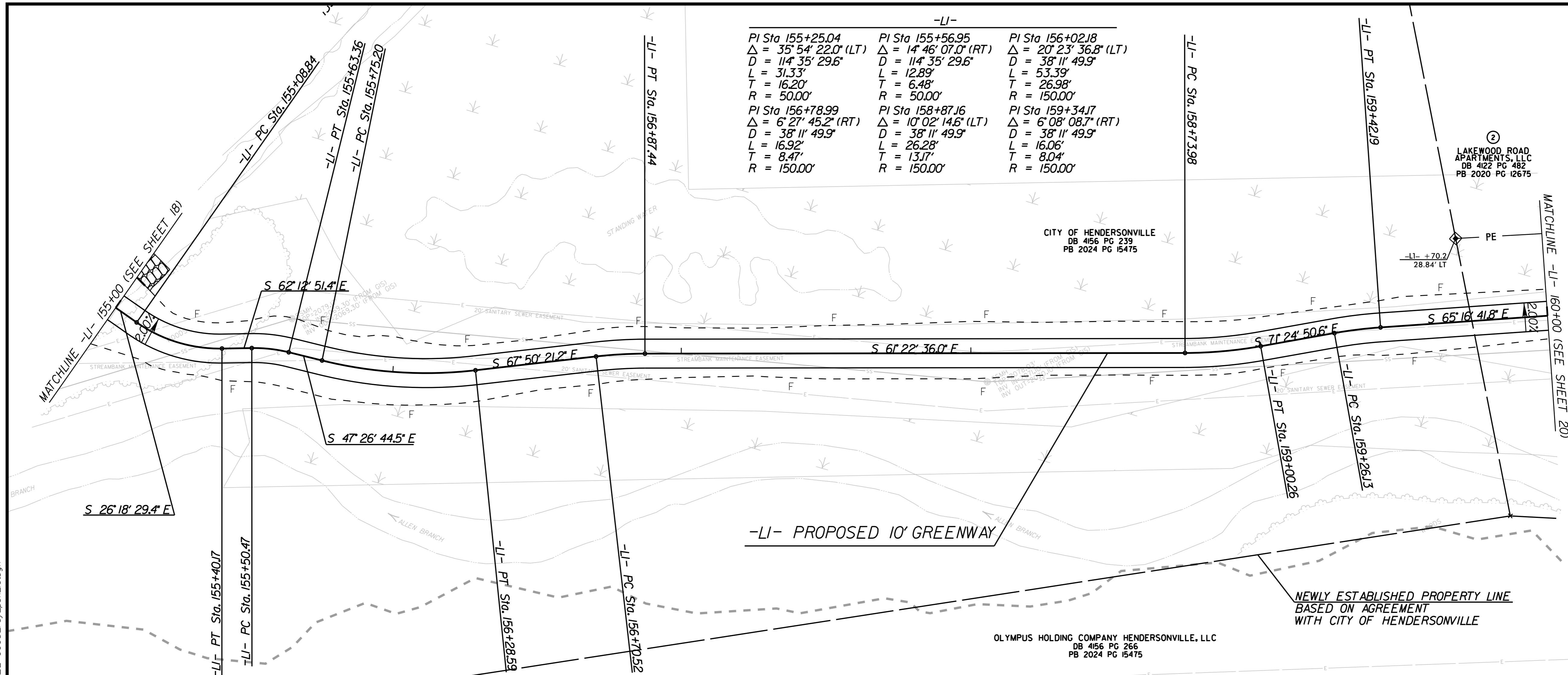
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-LI-		
PI Sta 155+25.04 Δ = 35° 54' 22.0" (LT) D = 114' 35" 29.6" L = 31.33' T = 16.20' R = 50.00'	PI Sta 155+56.95 Δ = 14° 46' 07.0" (RT) D = 114' 35" 29.6" L = 12.89' T = 6.48' R = 50.00'	PI Sta 156+02.18 Δ = 20° 23' 36.8" (LT) D = 38' 11" 49.9" L = 53.39' T = 26.98' R = 150.00'
PI Sta 156+78.99 Δ = 6° 27' 45.2" (RT) D = 38' 11" 49.9" L = 16.92' T = 8.47' R = 150.00'	PI Sta 158+87.16 Δ = 10° 02' 14.6" (LT) D = 38' 11" 49.9" L = 26.28' T = 13.17' R = 150.00'	PI Sta 159+34.17 Δ = 6° 08' 08.7" (RT) D = 38' 11" 49.9" L = 16.06' T = 8.04' R = 150.00'



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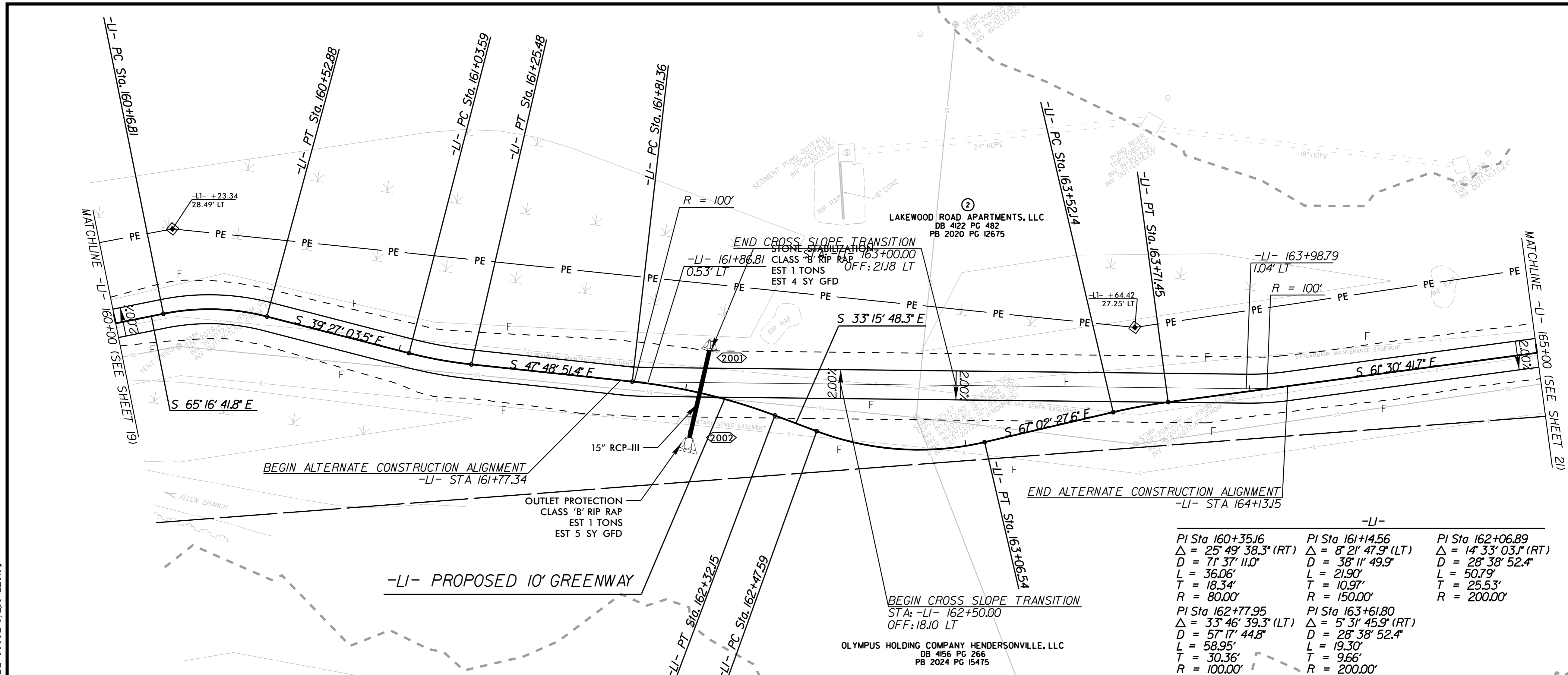
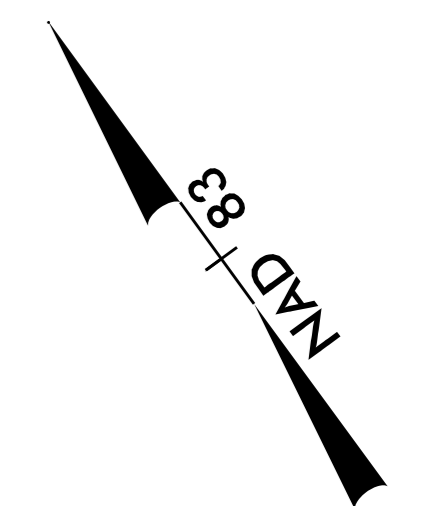
-L1- PLAN AND PROFILE

1" = 20'

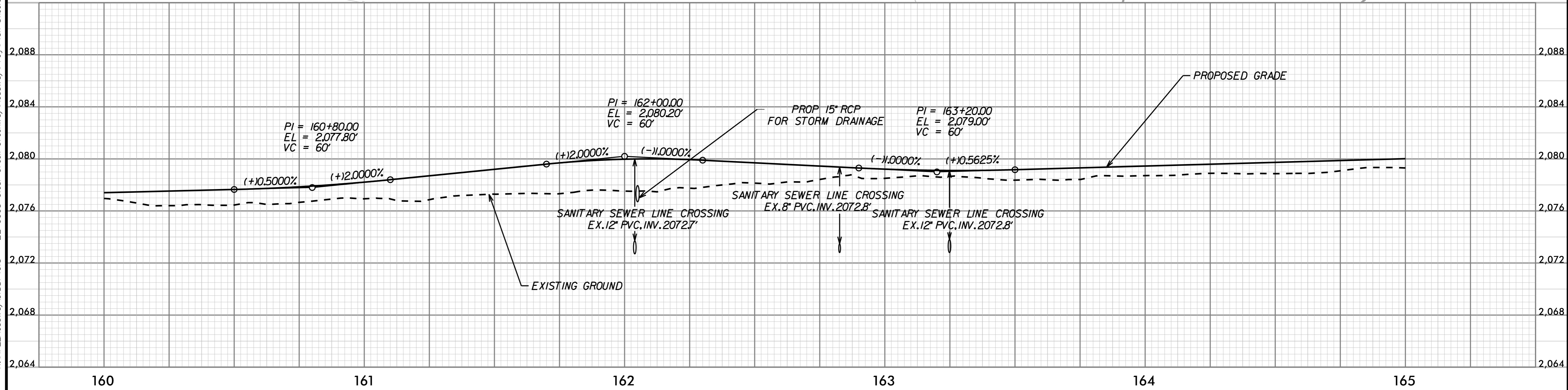
PROJECT:

## CLEAR CREEK GREENWAY

JOB NUMBER: 015574013      SHEET NUMBER: 19



-LI-		
PI Sta 160+35.16	PI Sta 161+14.56	PI Sta 162+06.89
Δ = 25° 49' 38.3" (RT)	Δ = 8° 21' 47.9" (LT)	Δ = 14° 33' 03.1" (RT)
D = 71° 37' 11.0"	D = 38° 11' 49.9"	D = 50° 38' 52.4"
L = 36.06'	L = 21.90'	L = 50.79'
T = 18.34'	T = 10.97'	T = 25.53'
R = 80.00'	R = 150.00'	R = 200.00'
PI Sta 162+77.95	PI Sta 163+61.80	
Δ = 33° 46' 39.3" (LT)	Δ = 5° 31' 45.9" (RT)	
D = 57° 17' 44.8"	D = 28° 38' 52.4"	
L = 58.95'	L = 19.30'	
T = 30.36'	T = 9.66'	
R = 100.00'	R = 200.00'	



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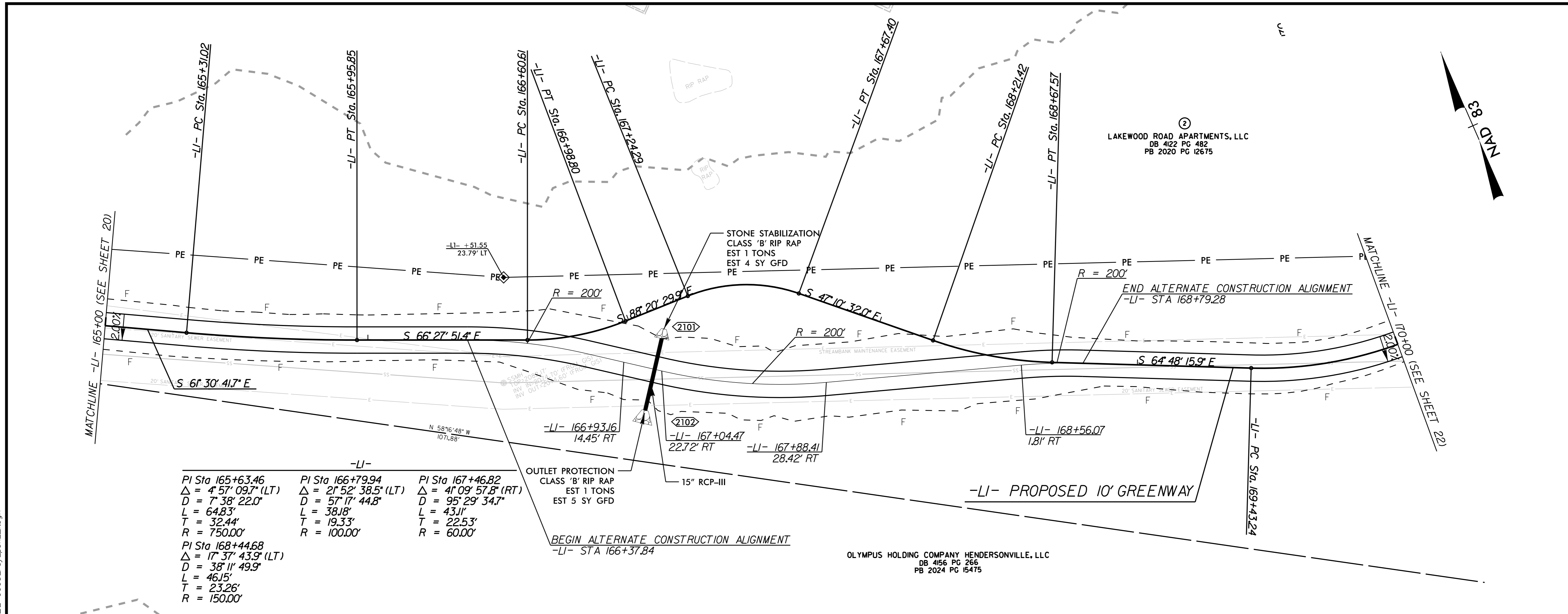
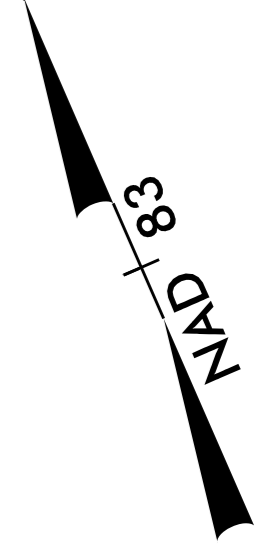
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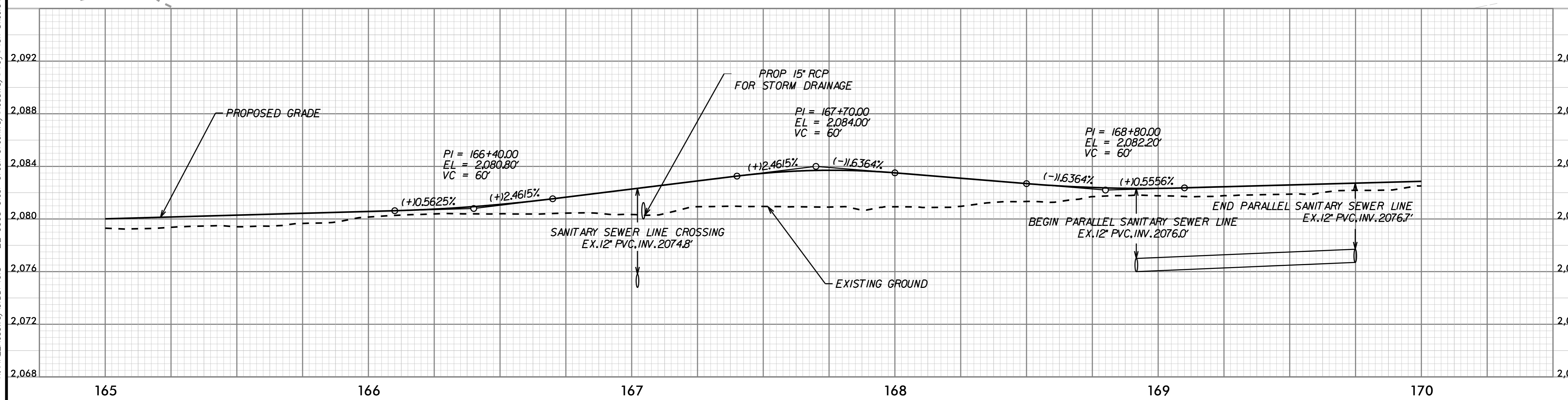
-L1- PLAN AND PROFILE

PROJECT: CLEAR CREEK GREENWAY

JOB NUMBER: 015574013 SHEET NUMBER: 20



-LI-		
PI Sta 165+63.46 Δ = 4° 57' 09.7" (LT) D = 7' 38' 22.0" L = 64.83' T = 32.44' R = 750.00'	PI Sta 166+79.94 Δ = 2° 52' 38.5" (LT) D = 57' 17' 44.8" L = 38.18' T = 19.33' R = 100.00'	PI Sta 167+46.82 Δ = 4° 09' 57.8" (RT) D = 95' 29' 34.7" L = 43.11' T = 22.53' R = 60.00'
PI Sta 168+44.68 Δ = 17° 37' 43.9" (LT) D = 38' 11' 49.9" L = 46.15' T = 23.26' R = 150.00'		



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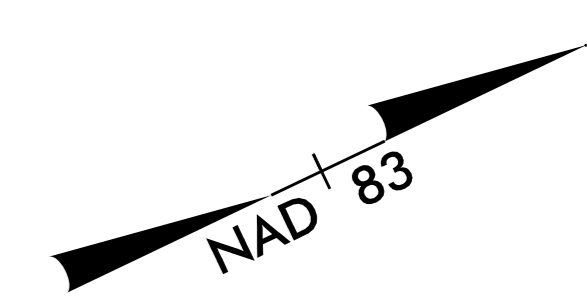
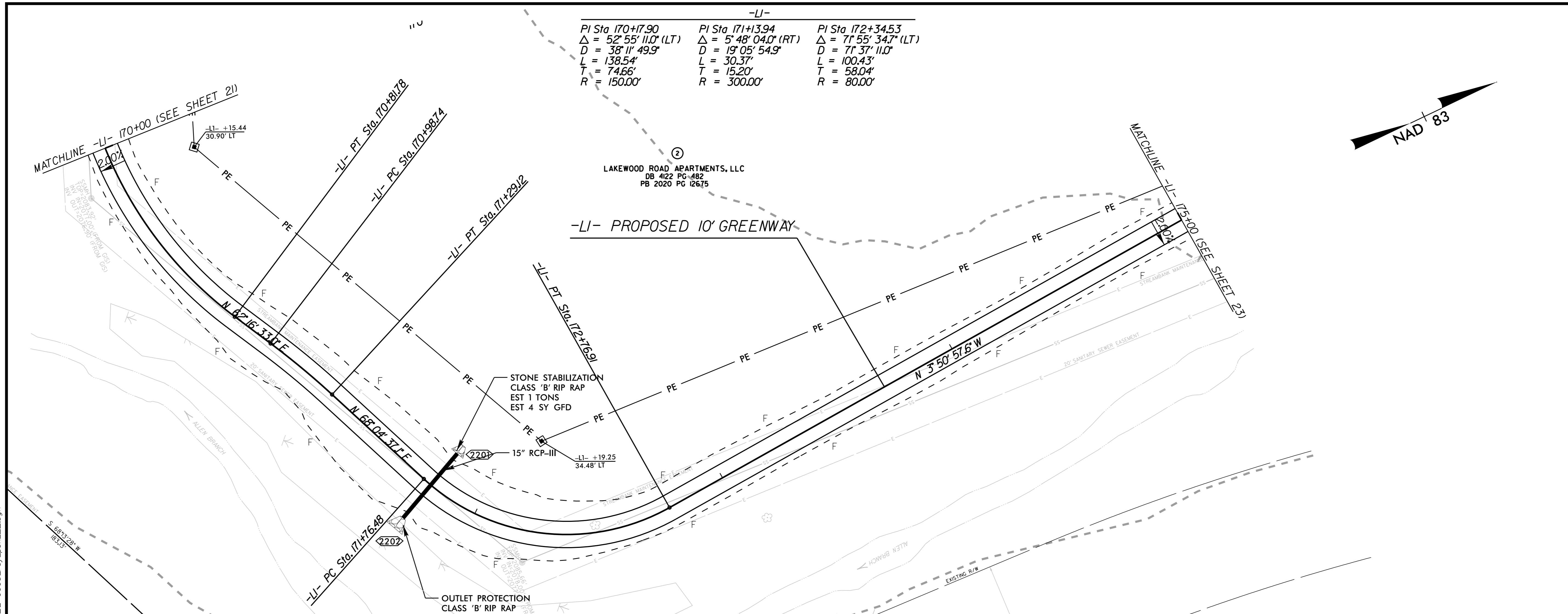
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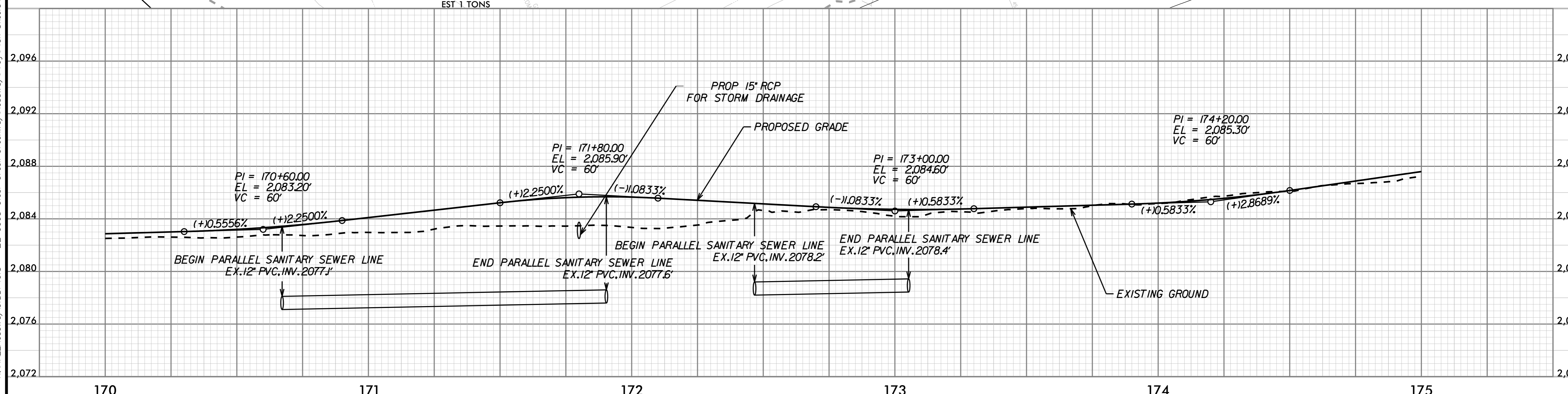
-L1- PLAN AND PROFILE

PROJECT:	CLEAR CREEK GREENWAY
JOB NUMBER:	015574013
SHEET NUMBER:	21

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-LI-		
PI Sta 170+17.90	PI Sta 171+13.94	PI Sta 172+34.53
$\Delta = 52^\circ 55' 11.0''$ (LT)	$\Delta = 5^\circ 48' 04.0''$ (RT)	$\Delta = 7^\circ 55' 34.7''$ (LT)
D = 38' 11' 49.9"	D = 19' 05' 54.9"	D = 7' 37' 11.0"
L = 138.54'	L = 30.37'	L = 100.43'
T = 74.66'	T = 15.20'	T = 58.04'
R = 150.00'	R = 300.00'	R = 80.00'



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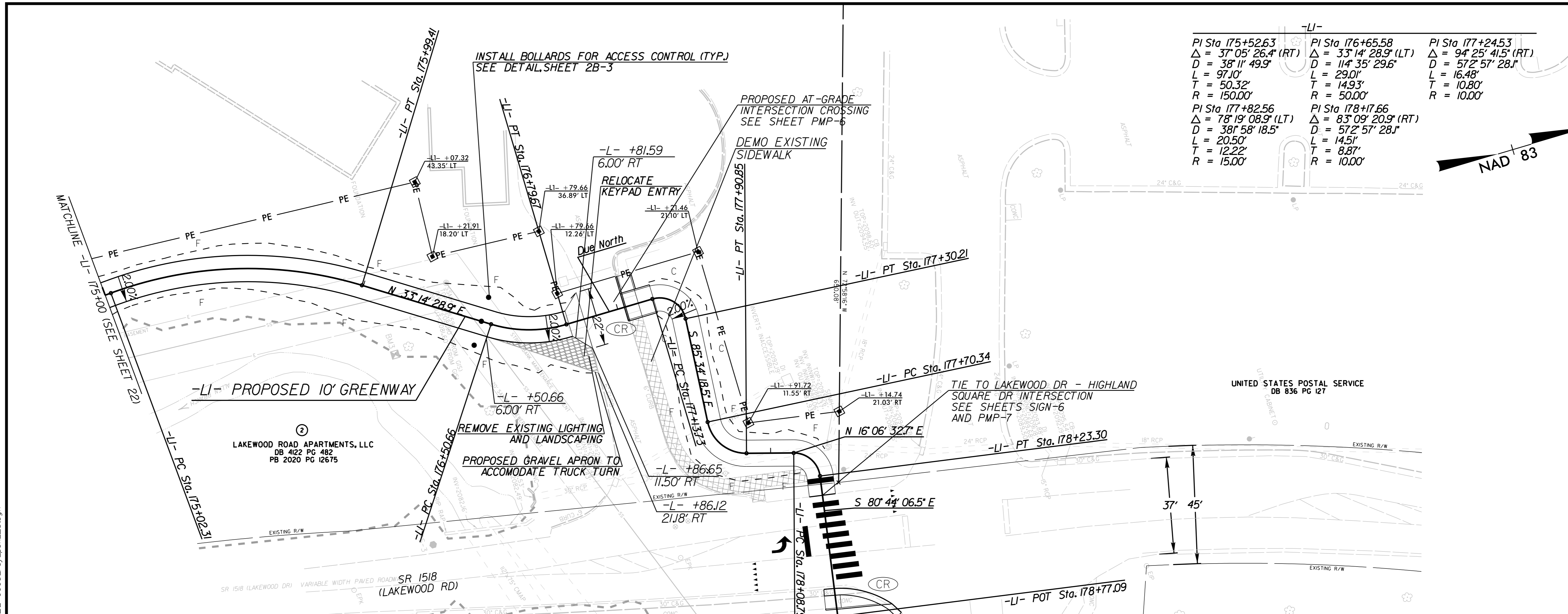
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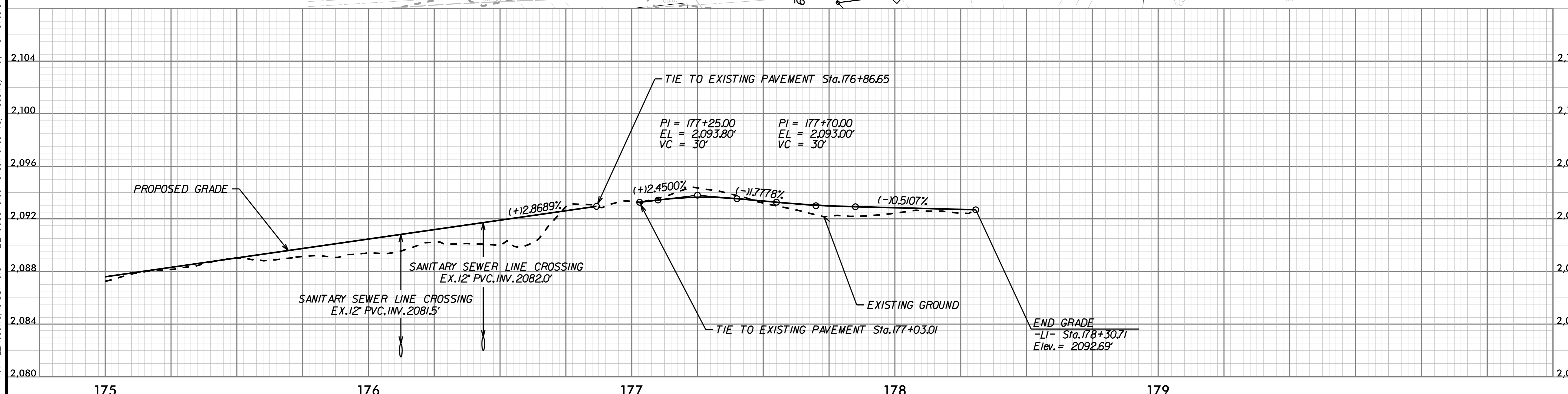
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-L1- PLAN AND PROFILE

PROJECT:	CLEAR CREEK GREENWAY
JOB NUMBER:	015574013
SHEET NUMBER:	22



-LI-		
PI Sta 175+52.63	PI Sta 176+65.58	PI Sta 177+24.53
$\Delta = 37^{\circ} 05' 26.4" (RT)$	$\Delta = 33^{\circ} 14' 28.9" (LT)$	$\Delta = 94^{\circ} 25' 41.5" (RT)$
$D = 38' 11' 49.9"$	$D = 114' 35' 29.6"$	$D = 572' 57' 28.1"$
$L = 97.10'$	$L = 29.01'$	$L = 16.48'$
$T = 50.32'$	$T = 14.93'$	$T = 10.80'$
$R = 150.00'$	$R = 50.00'$	$R = 10.00'$
PI Sta 177+82.56	PI Sta 178+17.66	
$\Delta = 78^{\circ} 19' 08.9" (LT)$	$\Delta = 83^{\circ} 09' 20.9" (RT)$	
$D = 381' 58' 18.5"$	$D = 572' 57' 28.1"$	
$L = 20.50'$	$L = 14.51'$	
$T = 12.22'$	$T = 8.87'$	
$R = 15.00'$	$R = 10.00'$	



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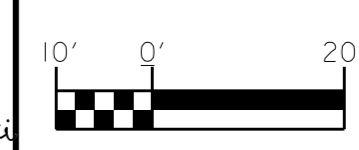
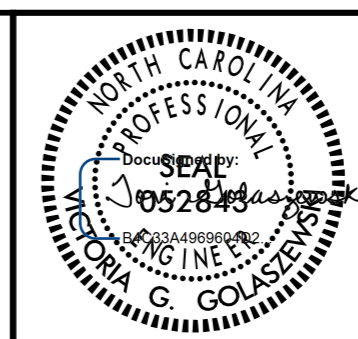
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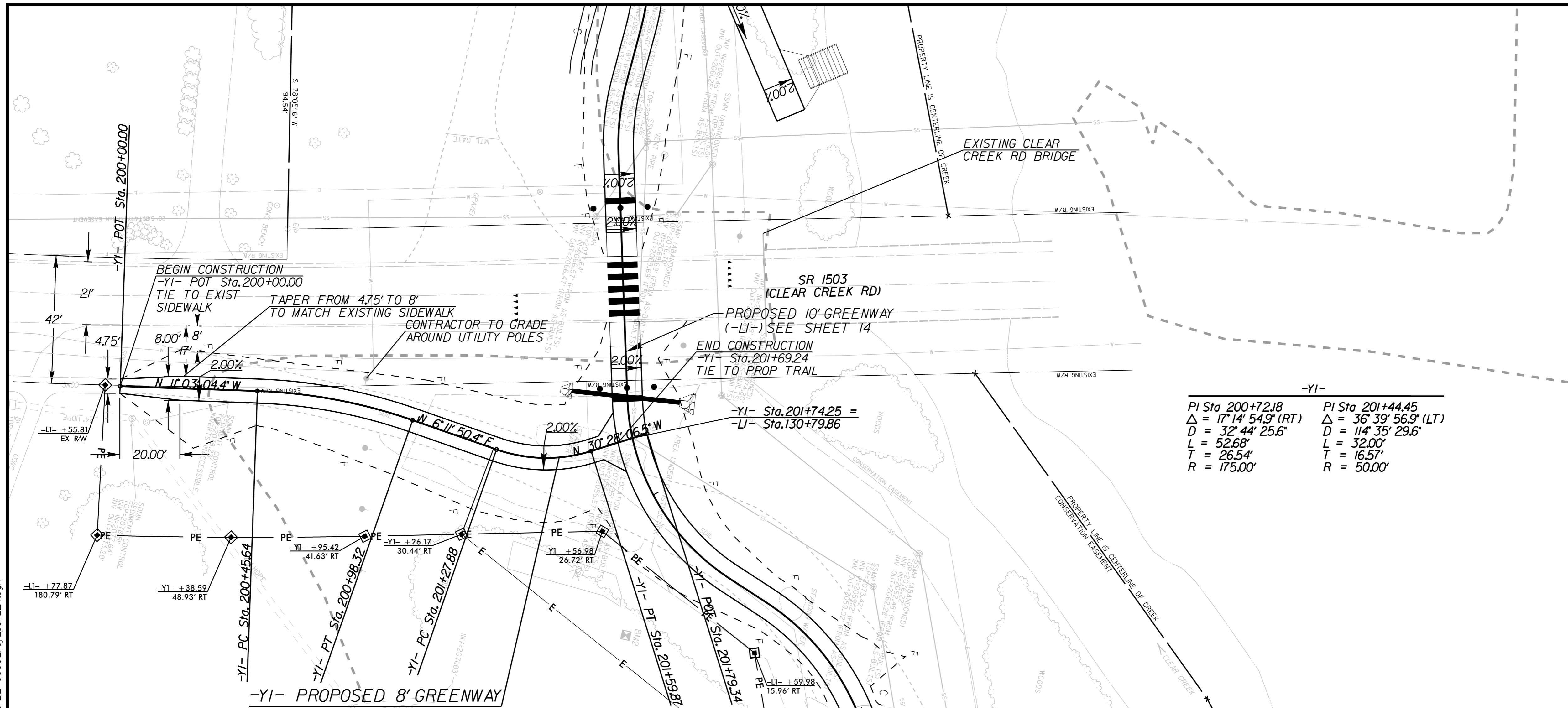
-L1- PLAN AND PROFILE



PROJECT:

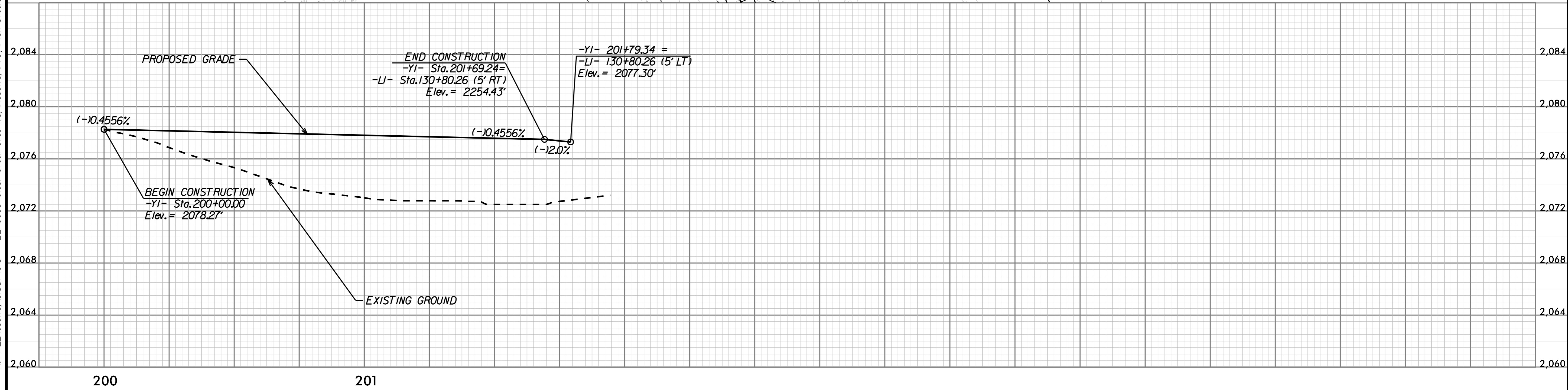
## CLEAR CREEK GREENWAY

JOB NUMBER: 015574013      SHEET NUMBER: 23



-YI-

PI Sta 200+72.18	PI Sta 201+44.45
$\Delta = 17^\circ 14' 54.9''$ (RT)	$\Delta = 36^\circ 39' 56.9''$ (LT)
D = 32' 44' 25.6"	D = 114' 35' 29.6"
L = 52.68'	L = 32.00'
T = 26.54'	T = 16.57'
R = 175.00'	R = 50.00'



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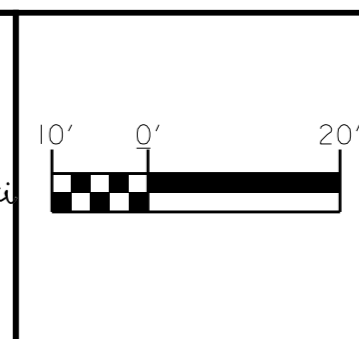
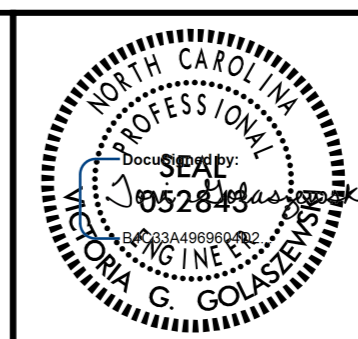
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-Y1- PLAN AND PROFILE



PROJECT: CLEAR CREEK GREENWAY

JOB NUMBER: 015574013 SHEET NUMBER: 24

### TRAFFIC NOTES

ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST MUTCD AND 2024 NCDOT STANDARDS

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

TIME RESTRICTIONS

A) NIGHTTIME AND WEEKEND OPERATIONS WILL NOT BE ALLOWED UNLESS WRITTEN APPROVAL IS RECEIVED FROM THE DISTRICT ENGINEER.

### PHASING NOTES

PHASE 1

THE CONTRACTOR SHALL PLACE ALL ADVANCE WARNING SIGNS PRIOR TO BEGINNING WORK ACCORDING TO NCDOT STANDARD DRAWING NO. 1101.01. SIGNS SHALL REMAIN IN PLACE UNTIL CONSTRUCTION IS COMPLETED.

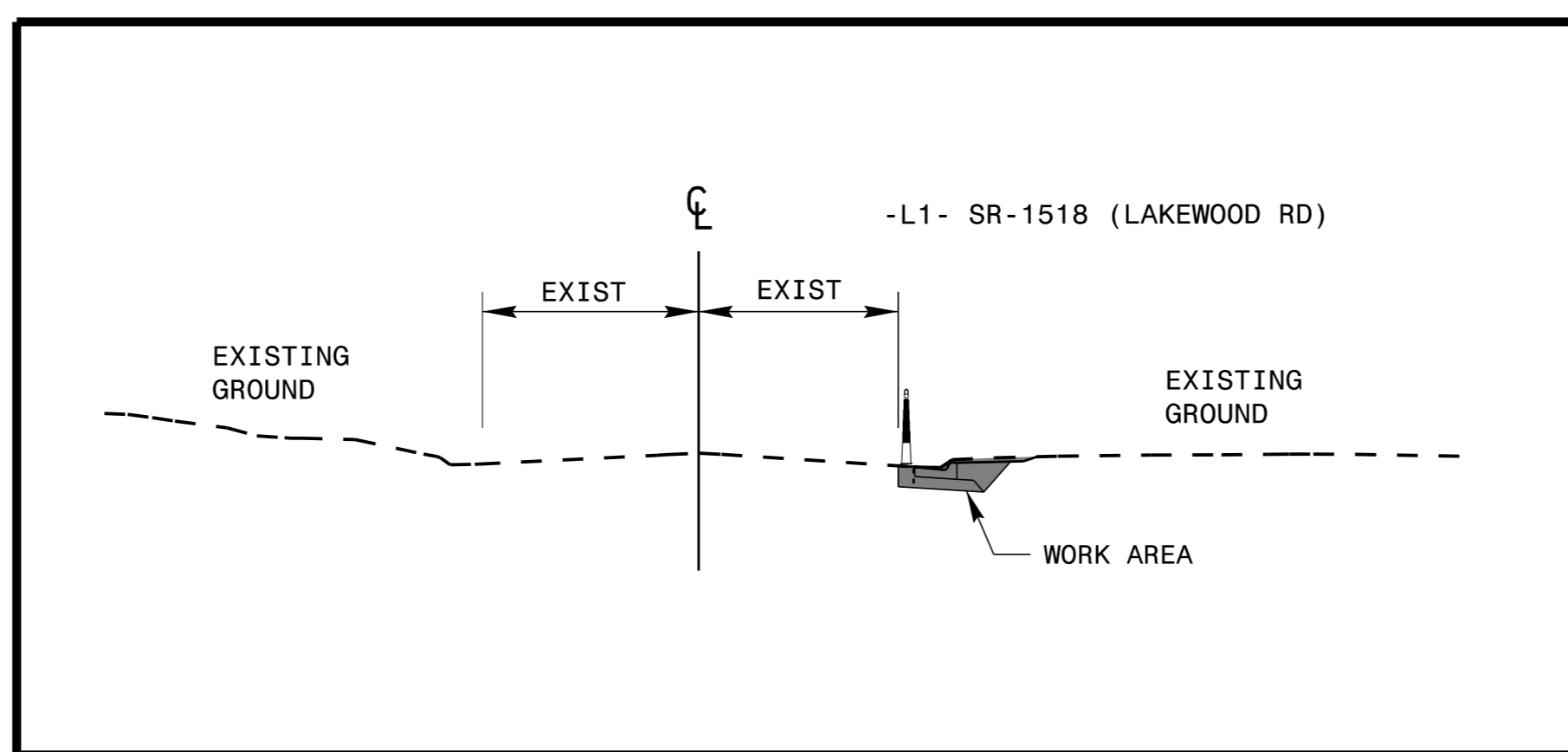
WHILE MAINTAINING EXISTING TRAFFIC AND USING NCDOT STANDARD DRAWING 1101.02 FOR TEMPORARY LANE CLOSURES AS NEEDED, THE CONTRACTOR SHALL PERFORM THE FOLLOWING:

- CONSTRUCT PROPOSED IMPROVEMENTS ALONG SR-1508 (BALFOUR RD) INCLUDING GRADING, PAVEMENT WIDENING, AND GREENWAY CONSTRUCTION.
- CONSTRUCT PROPOSED IMPROVEMENTS ALONG SR-1503 (CLEAR CREEK RD) INCLUDING GRADING, PAVEMENT WIDENING, AND GREENWAY CONSTRUCTION.
- CONSTRUCT PROPOSED IMPROVEMENTS ALONG SR-1518 (LAKEWOOD RD) INCLUDING GRADING, PAVEMENT WIDENING, PROPOSED CURB AND GUTTER INSTALLATION AND GREENWAY CONSTRUCTION.

PHASE 2

WHILE MAINTAINING EXISTING TRAFFIC AND USING NCDOT STANDARD DRAWING 1101.02 FOR TEMPORARY LANE CLOSURES AS NEEDED, THE CONTRACTOR SHALL PERFORM THE FOLLOWING:

- PLACE FINAL PAVEMENT MARKINGS AND MARKERS.




### ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1150.01	FLAGGING DEVICES
1180.01	SKINNY - DRUMS

K:\RAL\_Roadway\015574013 - BL-0008 Clear Creek Greenway\Roadway\Proj\Traffic Control\BL-0008\_rdy-ic-1shdgn 11/26/2025



APPROVED: _____	DATE: _____
	
<b>TRAFFIC CONTROL PLAN</b>	

# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

## PAVEMENT MARKING PLAN HENDERSON COUNTY

**LOCATION: CROSSINGS AT CLEAR CREEK ROAD  
AND LAKEWOOD RD**

### ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1205.07	PEDESTRIAN CROSSWALKS

### PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
	FINAL PAVEMENT MARKINGS
T46	THERMOPLASTIC (8", 90 MILS) WHITE CROSSWALK LINE
T61	THERMOPLASTIC (24", 90 MILS) WHITE STOPBAR
T62	THERMOPLASTIC (24", 90 MILS) WHITE CROSSWALK LINE
T70	THERMOPLASTIC (90 MILS) LEFT TURN ARROW
T102	THERMOPLASTIC (90 MILS) 12" YIELD LINE TRIANGLE

### GENERAL NOTES

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT, EXCEPT WHEN OTHERWISE NOTED IN THE PLAN, OR DIRECTED BY THE ENGINEER.

- A) INSTALL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON THE FINAL SURFACE AS FOLLOWS:
 

ROAD NAME	MARKING	MARKER
CLEAR CREEK ROAD (SR-1503)	THERMOPLASTIC	N/A
LAKEWOOD ROAD (SR-1518)		
- B) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- C) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS.
- D) UNLESS OTHERWISE SPECIFIED, HEATED-IN-PLACE THERMOPLASTIC MAY BE USED IN LIEU OF EXTRUDED THERMOPLASTIC FOR STOP BARS, SYMBOLS, CHARACTERS AND DIAGONALS. IF HEATED-IN-PLACE IS USED, IT SHALL BE PAID FOR USING THE EXTRUDED THERMOPLASTIC PAY ITEM.

### INDEX

SHEET NO.	DESCRIPTION
PMP-1	TITLE SHEET
PMP-2 THRU PMP-5	PAVEMENT MARKING PLAN SHEETS

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PAVEMENT MARKING  
PLAN

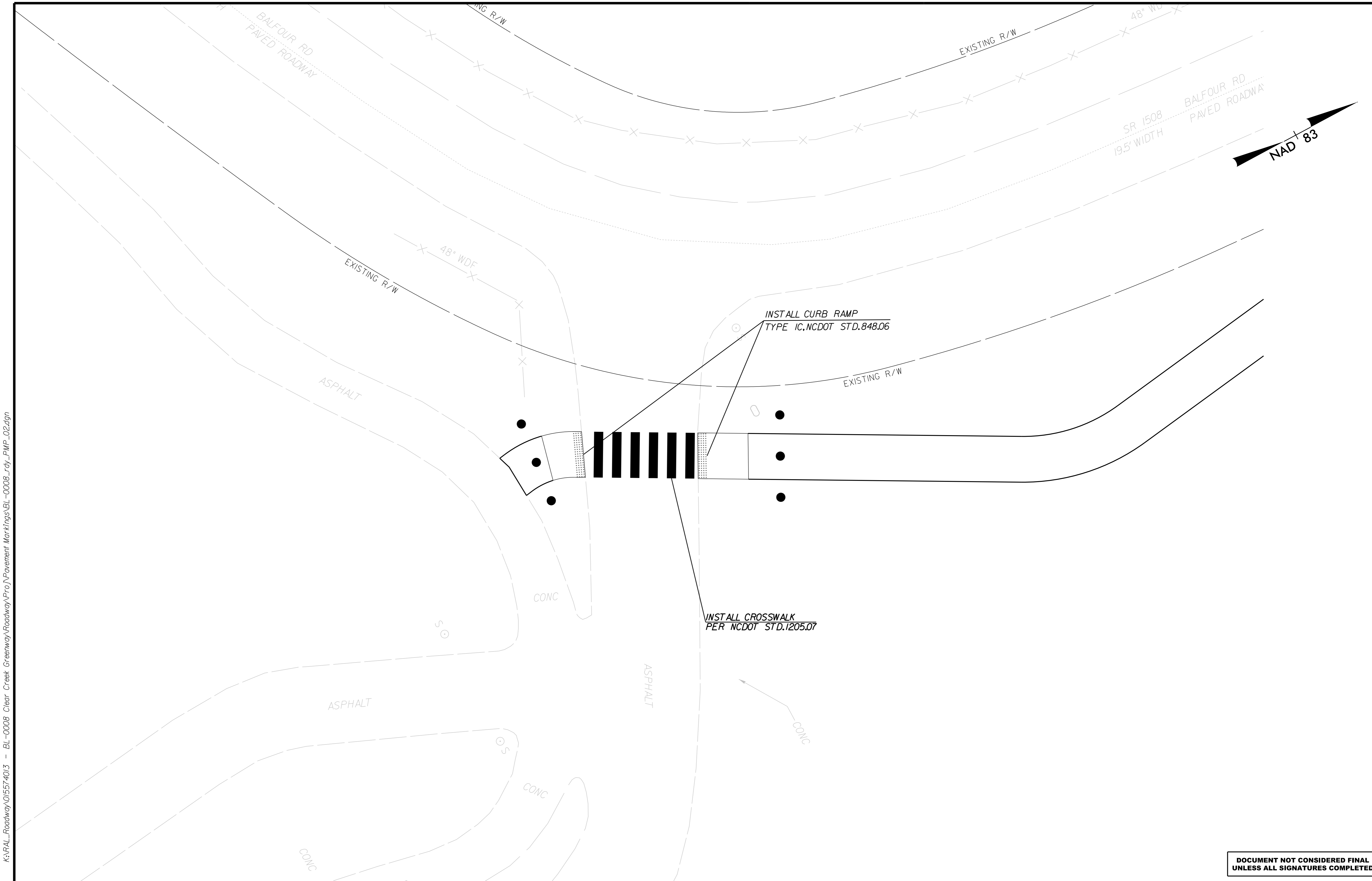


JOB NUMBER: 015574013

PROJECT:  
**CLEAR CREEK GREENWAY**

SHEET NUMBER: PMP-1

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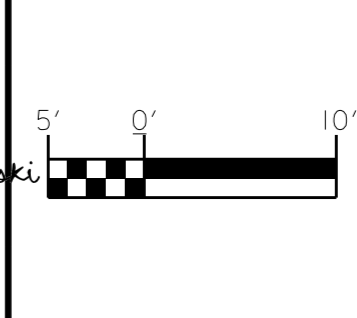
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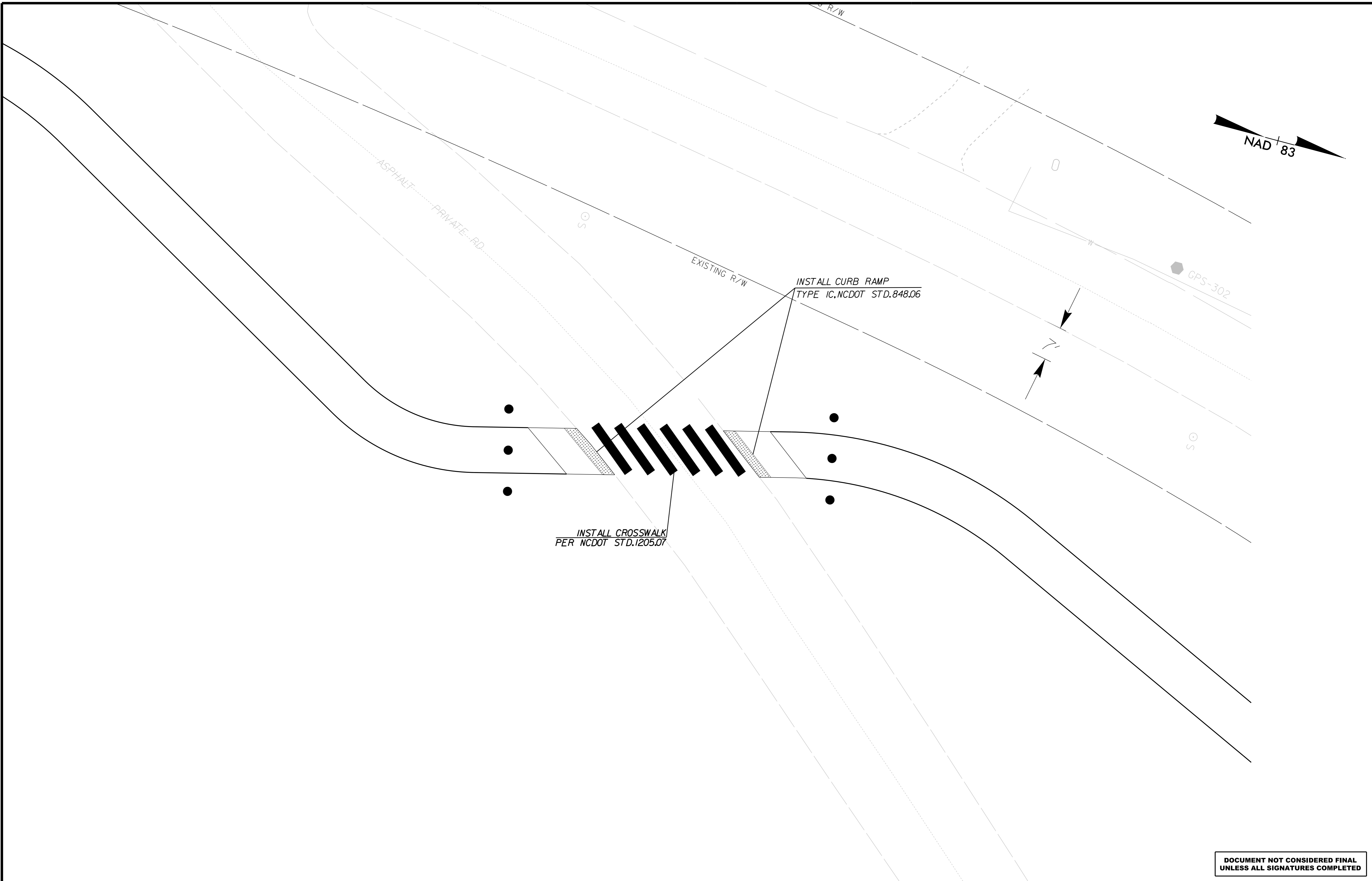
PAVEMENT MARKING PLAN



PROJECT:	CLEAR CREEK GREENWAY	
JOB NUMBER:	015574013	SHEET NUMBER: PMP-2

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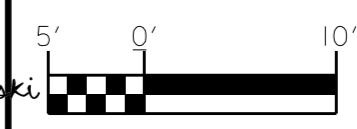
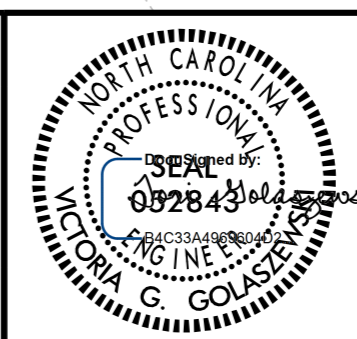
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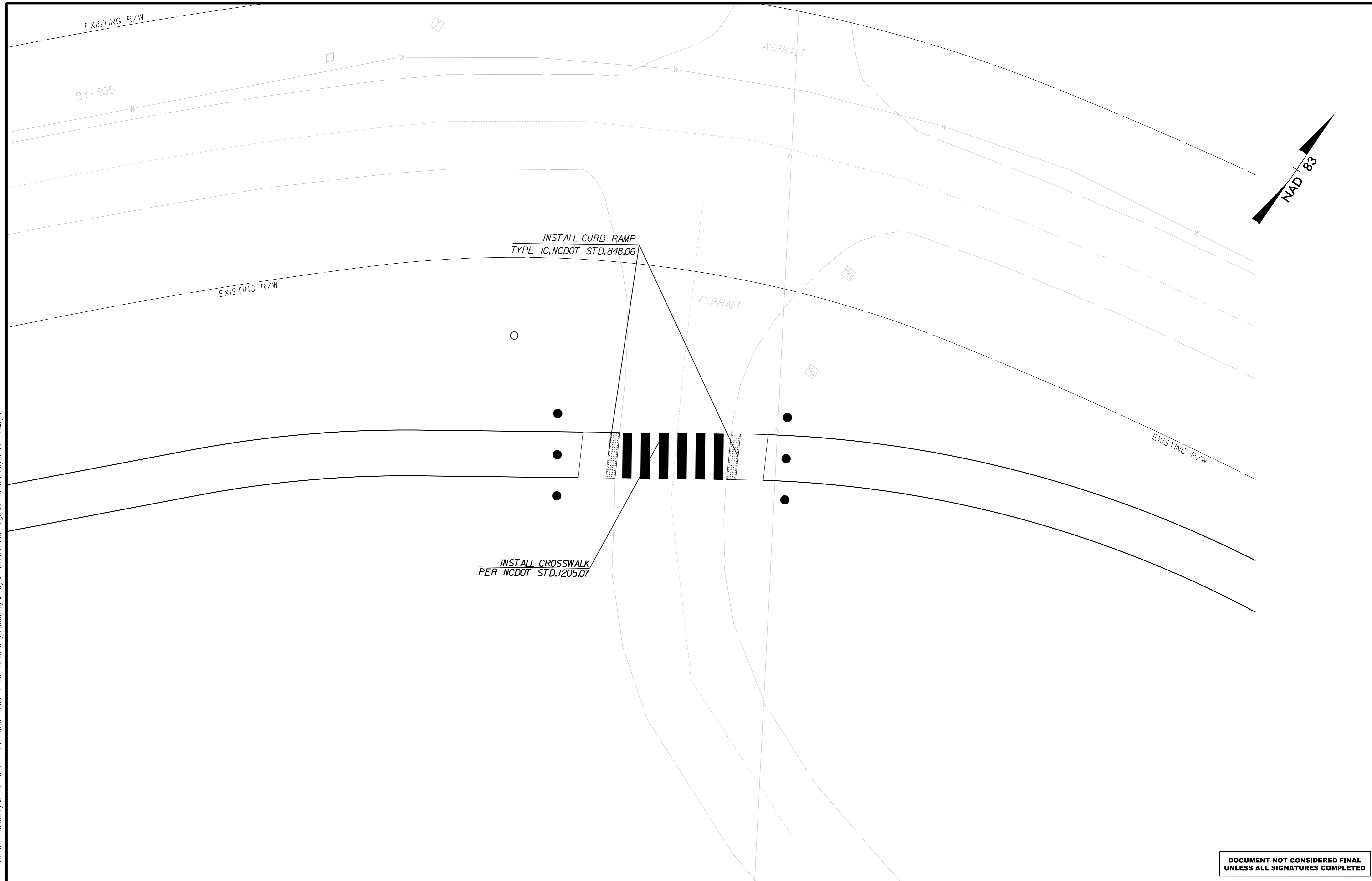
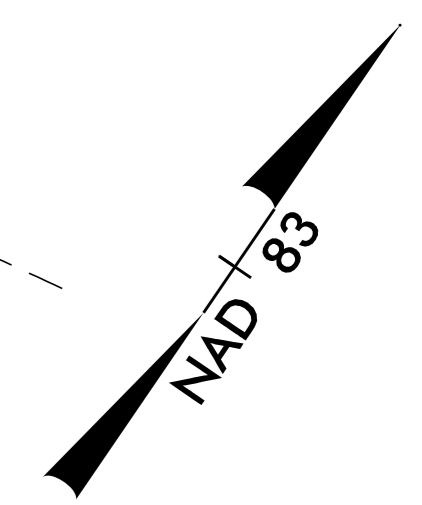
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PAVEMENT MARKING PLAN



PROJECT:	CLEAR CREEK GREENWAY	
JOB NUMBER:	015574013	SHEET NUMBER: PMP-3

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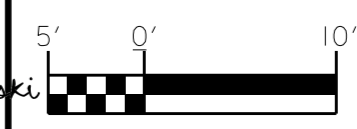
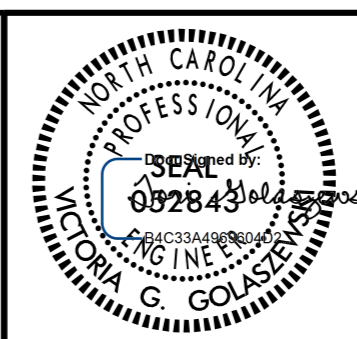
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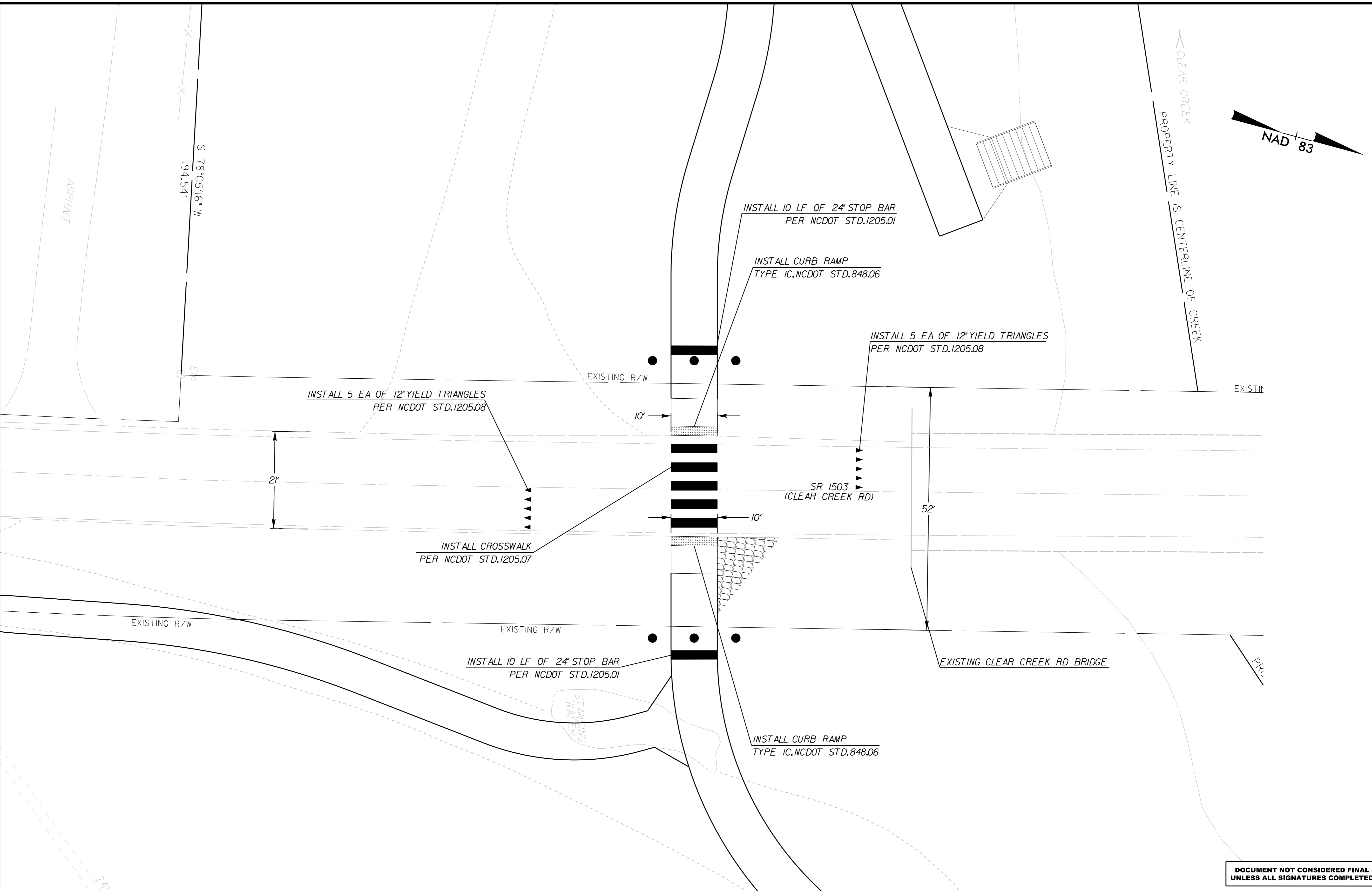
### PAVEMENT MARKING PLAN



PROJECT:	CLEAR CREEK GREENWAY	
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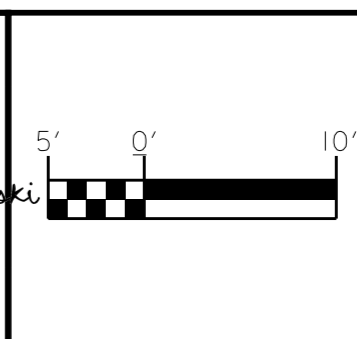
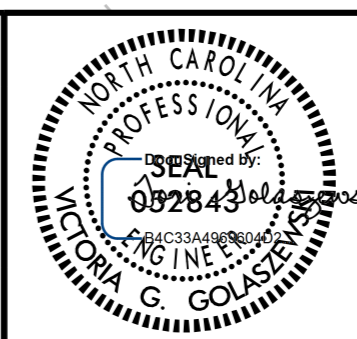
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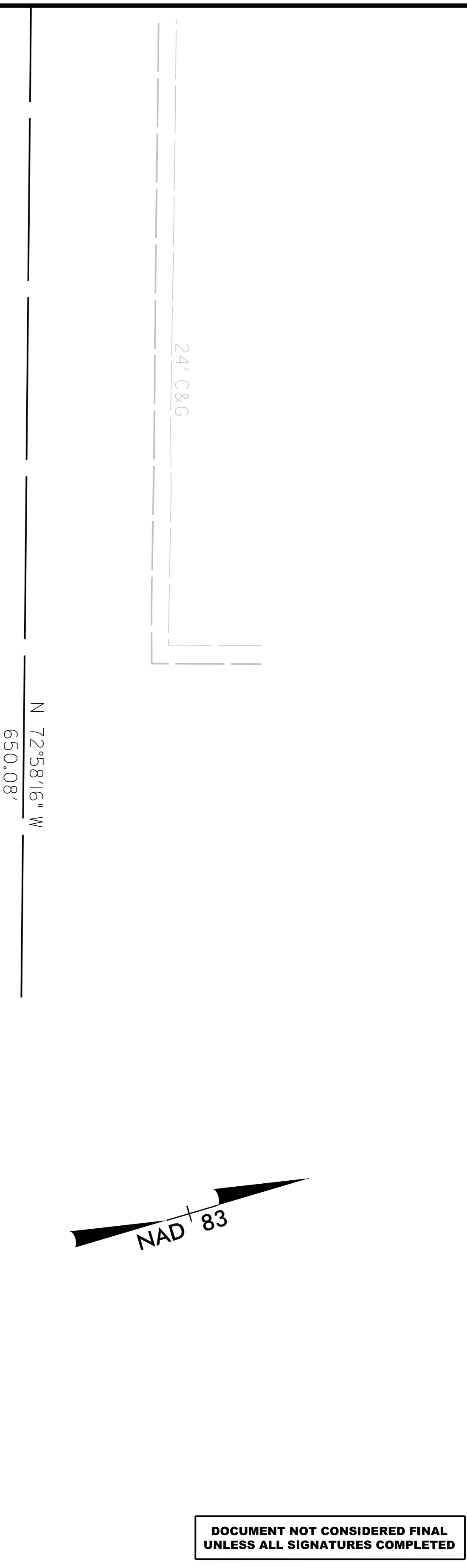
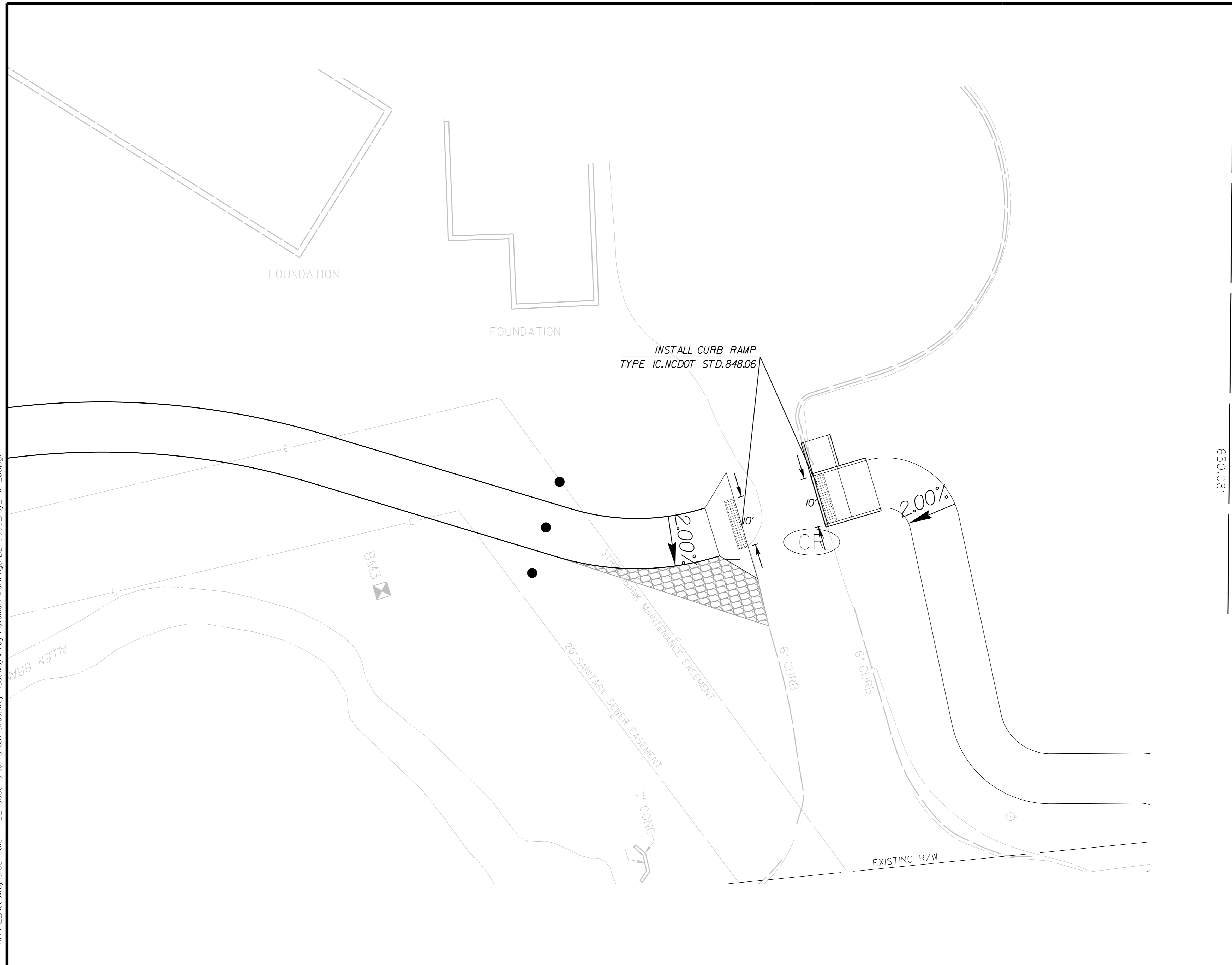
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PAVEMENT MARKING PLAN



PROJECT:	CLEAR CREEK GREENWAY	
JOB NUMBER:	015574013	SHEET NUMBER: PMP-5

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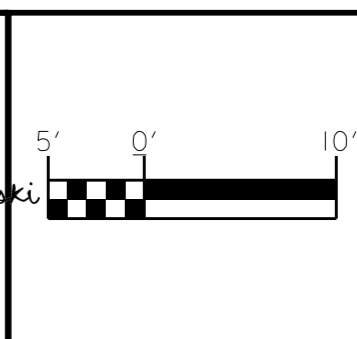
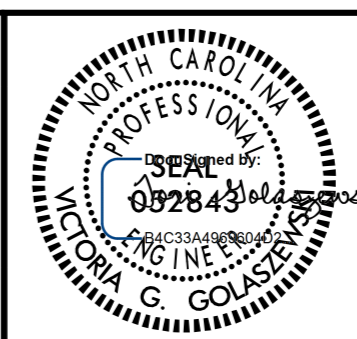
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### PAVEMENT MARKING PLAN



PROJECT:	CLEAR CREEK GREENWAY	
JOB NUMBER:	015574013	SHEET NUMBER: PMP-6



PROJECT REFERENCE NO.	SHEET NO.
BL-0008	EC-1

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

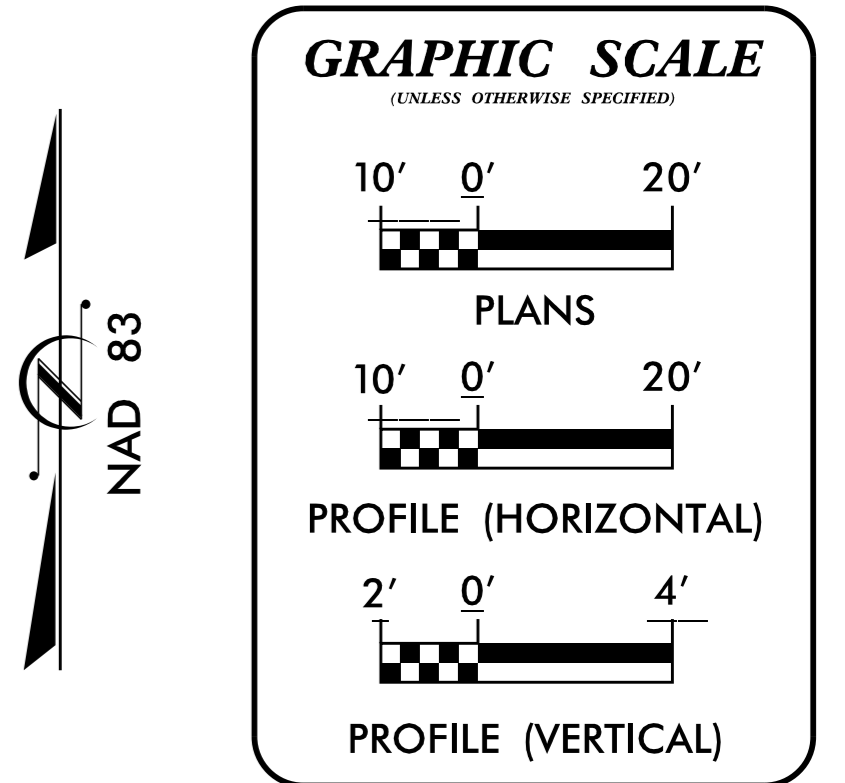
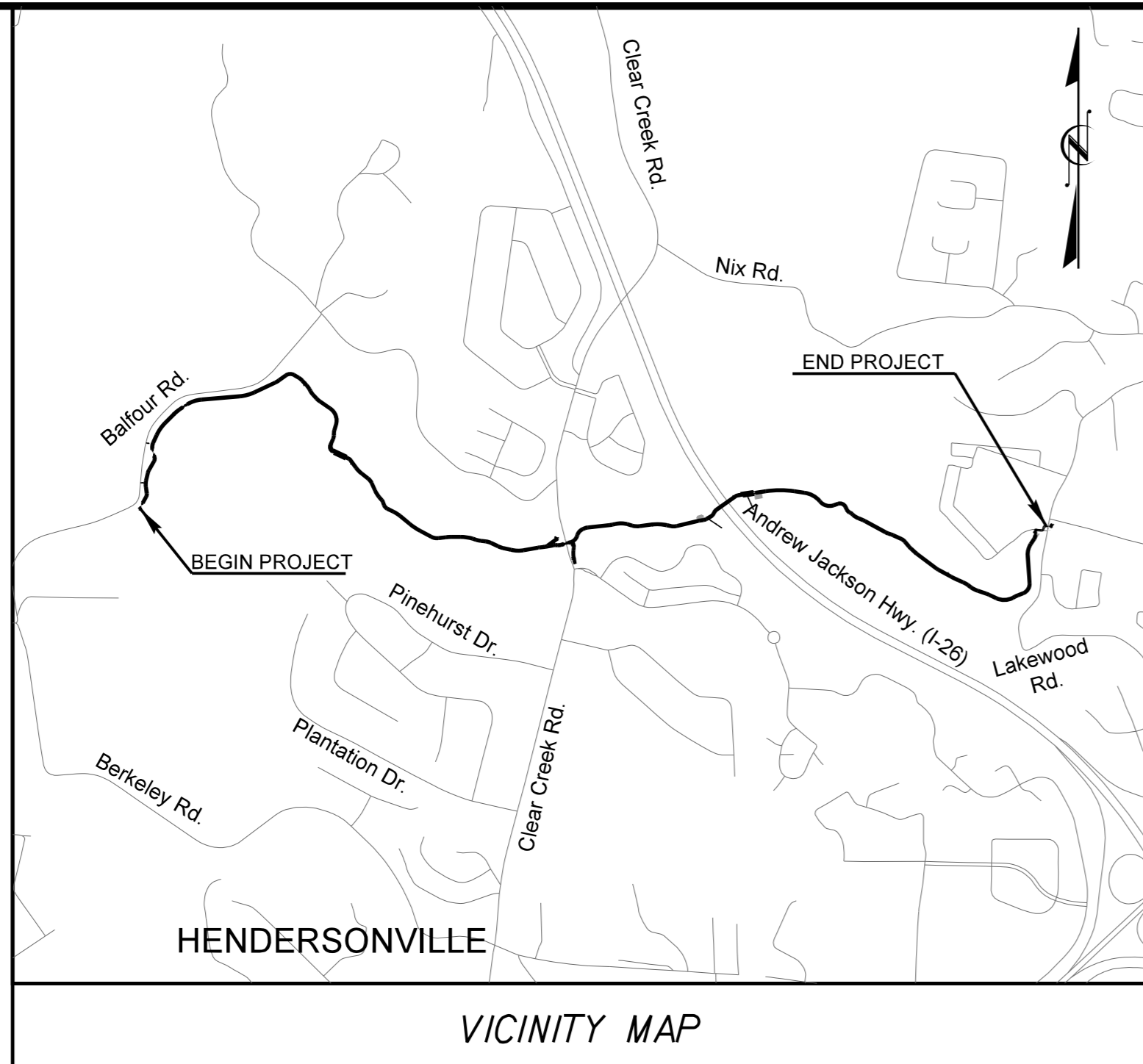
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# PLAN FOR PROPOSED GREENWAY EROSION CONTROL

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## HENDERSON COUNTY

LOCATION: FROM OKLAWAHA GREENWAY AT SR -1508 (BALFOUR RD) TO  
SR-1518 (LAKEWOOD RD)  
TYPE OF WORK: GRADING, PAVING, STRUCTURES, AND DRAINAGE



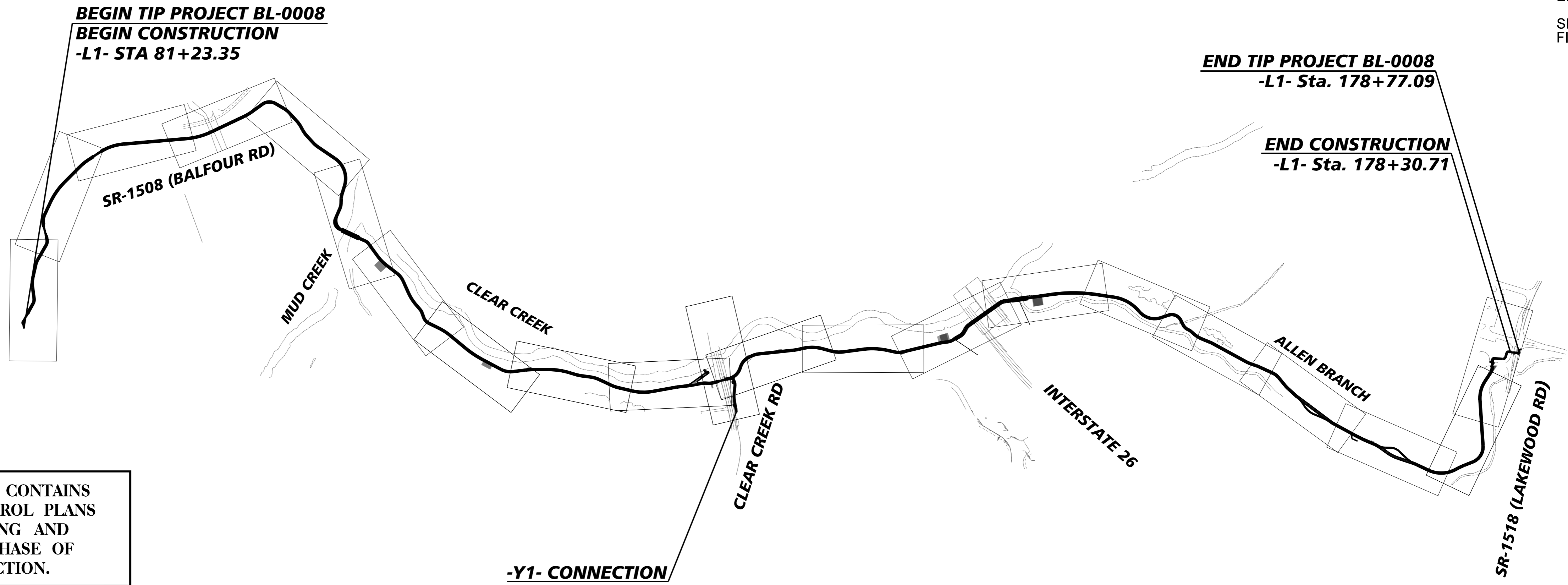
SEE EC-4 THRU EC-24 FOR  
CLEARING AND GRUBBING  
EROSION CONTROL

SEE EC-25 THRU EC-45 FOR  
FINAL EROSION CONTROL

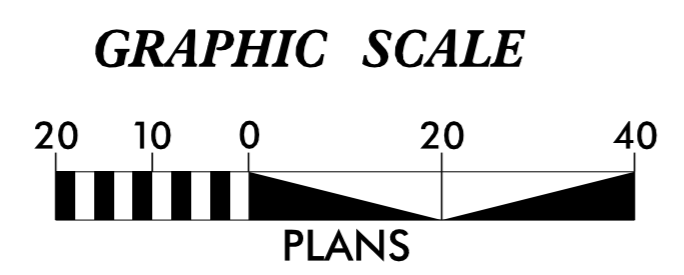
**OWNER:**  
NCDOT  
4142 HAYWOOD ROAD  
MILLS RIVER, NC 28742  
LONNIE WATKINS, P.E.  
828.891.7911  
ext-lrwatkins@ncdot.gov

**ENGINEER:**  
KIMLEY-HORN AND ASSOCIATES, INC.  
200 SOUTH TRYON STREET  
SUITE 200  
CHARLOTTE, NC 28202  
TORI GOLASZEWSKI, P.E.  
704.954.7479  
tori.golaszewski@kimley-horn.com

**SURVEYOR:**  
WETHERILL ENGINEERING  
1223 JONES FRANKLIN ROAD  
RALEIGH, NC 27606  
919.851.8077  
talford@wetherilleng.com



THIS PROJECT CONTAINS  
EROSION CONTROL PLANS  
FOR CLEARING AND  
GRUBBING PHASE OF  
CONSTRUCTION.



THESE EROSION AND SEDIMENT CONTROL PLANS COMPLY WITH  
THE APPLICABLE REGULATIONS SET FORTH BY THE NCG-010000  
GENERAL CONSTRUCTION PERMIT ISSUED BY THE NORTH  
CAROLINA DEPARTMENT OF  
ENVIRONMENTAL QUALITY DIVISION OF ENERGY,  
MINERAL, AND LAND RESOURCES.

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Prepared In the Office of:  
**Kimley-Horn**  
200 S Tryon St #200  
Charlotte, NC 28202

Designed by:  
**JUSTIN ROSE** 4389  
NAME LEVEL III CERTIFICATION NO.

Roadway Standard Drawings

The "Roadway Standard Drawings"- Roadway Design Unit - N. C. Department of Transportation - Raleigh, N. C., dated January 2024 and the latest revision thereto are applicable to this project and by reference hereby are considered a part of these plans.

12/2/2025 K:\RAL\_Roadway\015574013 - BL-0008 Clear Creek Greenway\Roadway\Proj\NErosion Control\Plan Sheets\BL-0008\_ero\_1sh.dgn

**CONTRACT: DN01127**

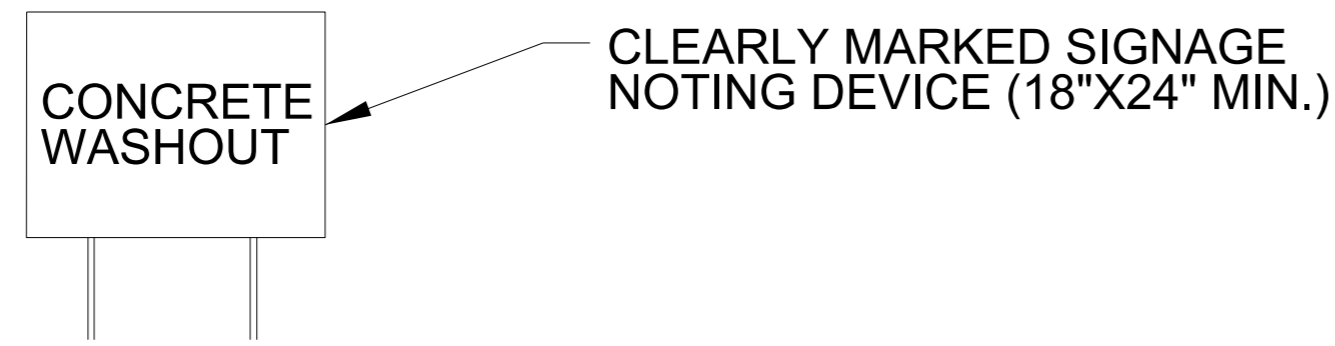
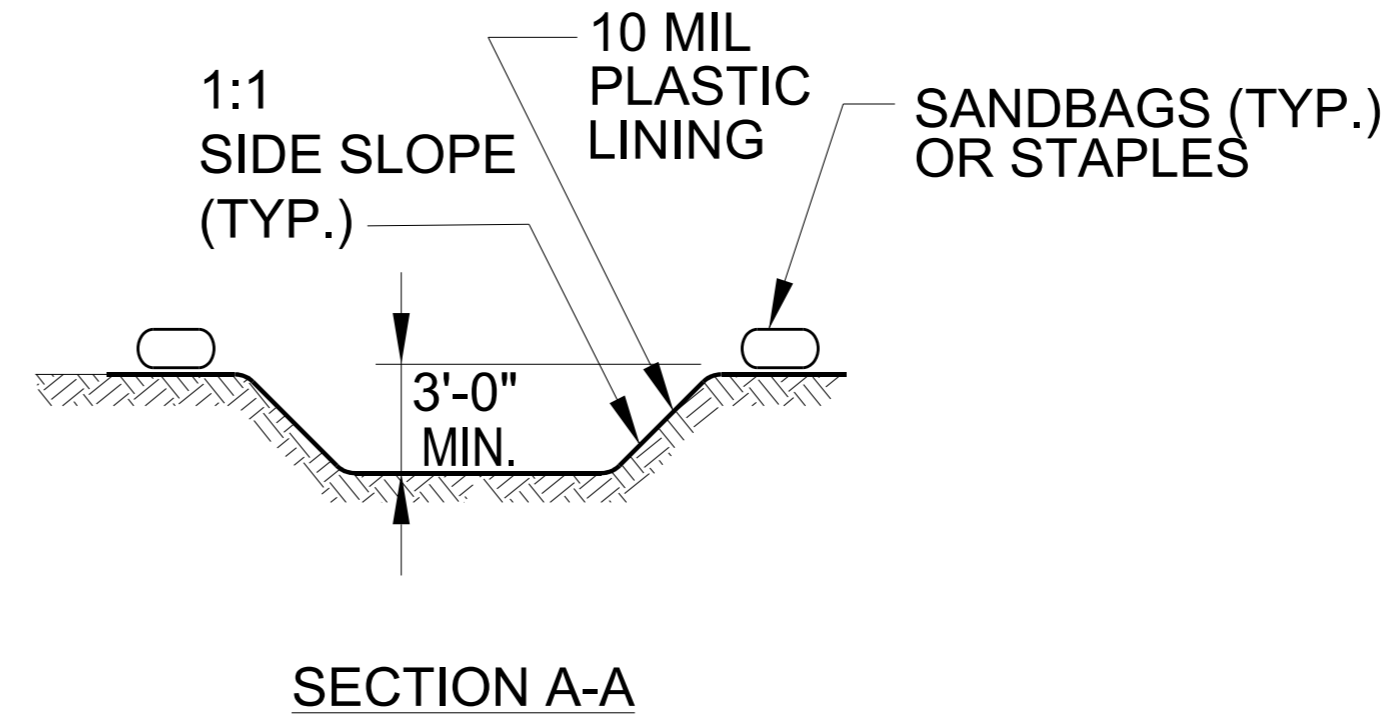
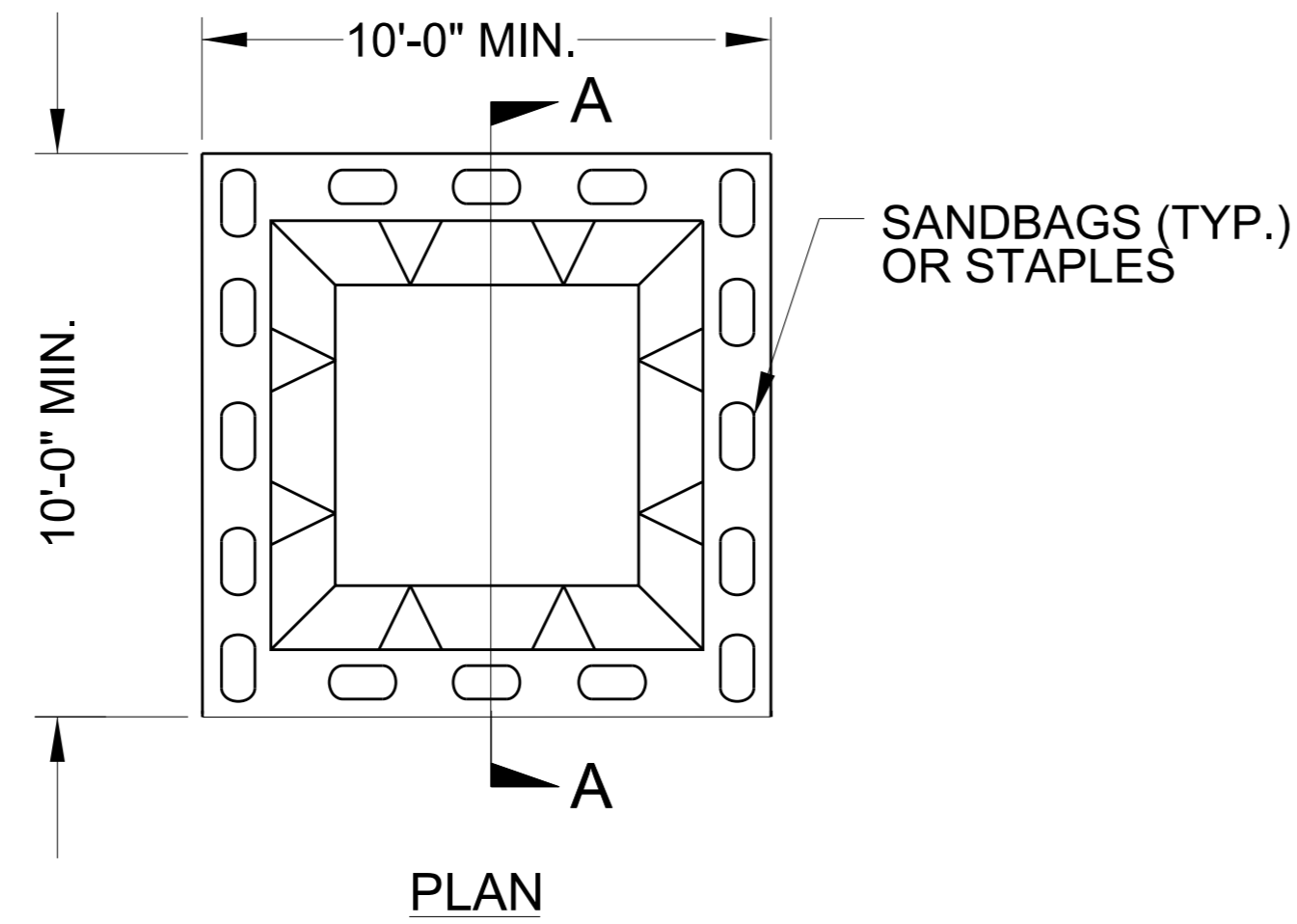
# DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA

## EROSION & SEDIMENT CONTROL LEGEND

Std. #	Description	Symbol	Std. #	Description	Symbol
1605.01	Temporary Silt Fence		1633.01	Temporary Rock Silt Check Type A	
1606.01	Special Sediment Control Fence		1633.02	Temporary Rock Silt Check Type B	
1622.01	Temporary Berms and Slope Drains		1633.03	Temporary Rock Silt Check Type A with Excelsior Matting and Flocculant	
1630.02	Silt Basin Type B		1634.01	Temporary Rock Sediment Dam Type A	
1630.03	Temporary Silt Ditch		1634.02	Temporary Rock Sediment Dam Type B	
1630.04	Stilling Basin		1635.01	Rock Pipe Inlet Sediment Trap Type A	
1630.05	Temporary Diversion		1635.02	Rock Pipe Inlet Sediment Trap Type B	
1630.06	Special Stilling Basin		1636.01	Excelsior Wattle Check	
1630.07	Skimmer Basin		1636.01	Excelsior Wattle Check with Flocculant	
1630.08	Tiered Skimmer Basin		1636.01	Coir Fiber Wattle Check	
1630.09	Earthen Dam with Skimmer		1636.01	Coir Fiber Wattle Check with Flocculant	
	Infiltration Basin		1636.02	Silt Fence Excelsior Wattle Break	
	Rock Inlet Sediment Trap:			Silt Fence Coir Fiber Wattle Break	
1632.01	Type A		1636.03	Excelsior Wattle Barrier	
1632.02	Type B		1636.03	Coir Fiber Wattle Barrier	
1632.03	Type C				

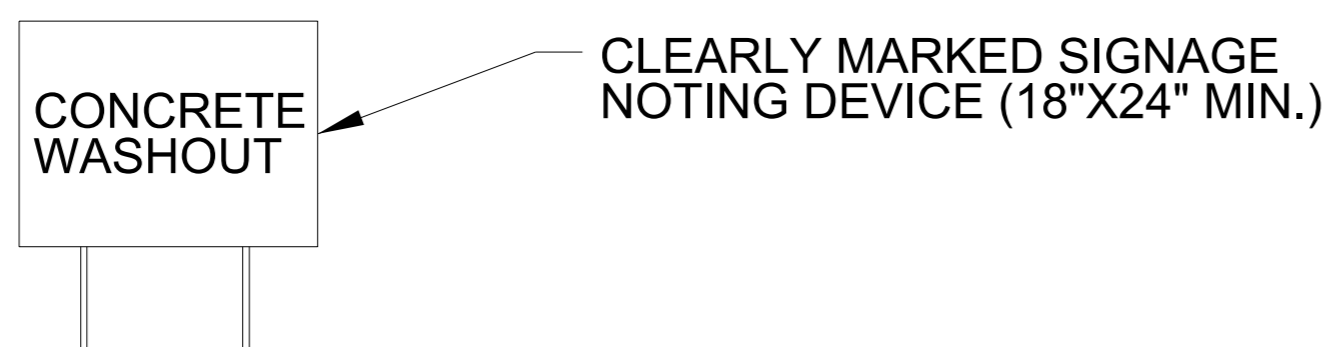
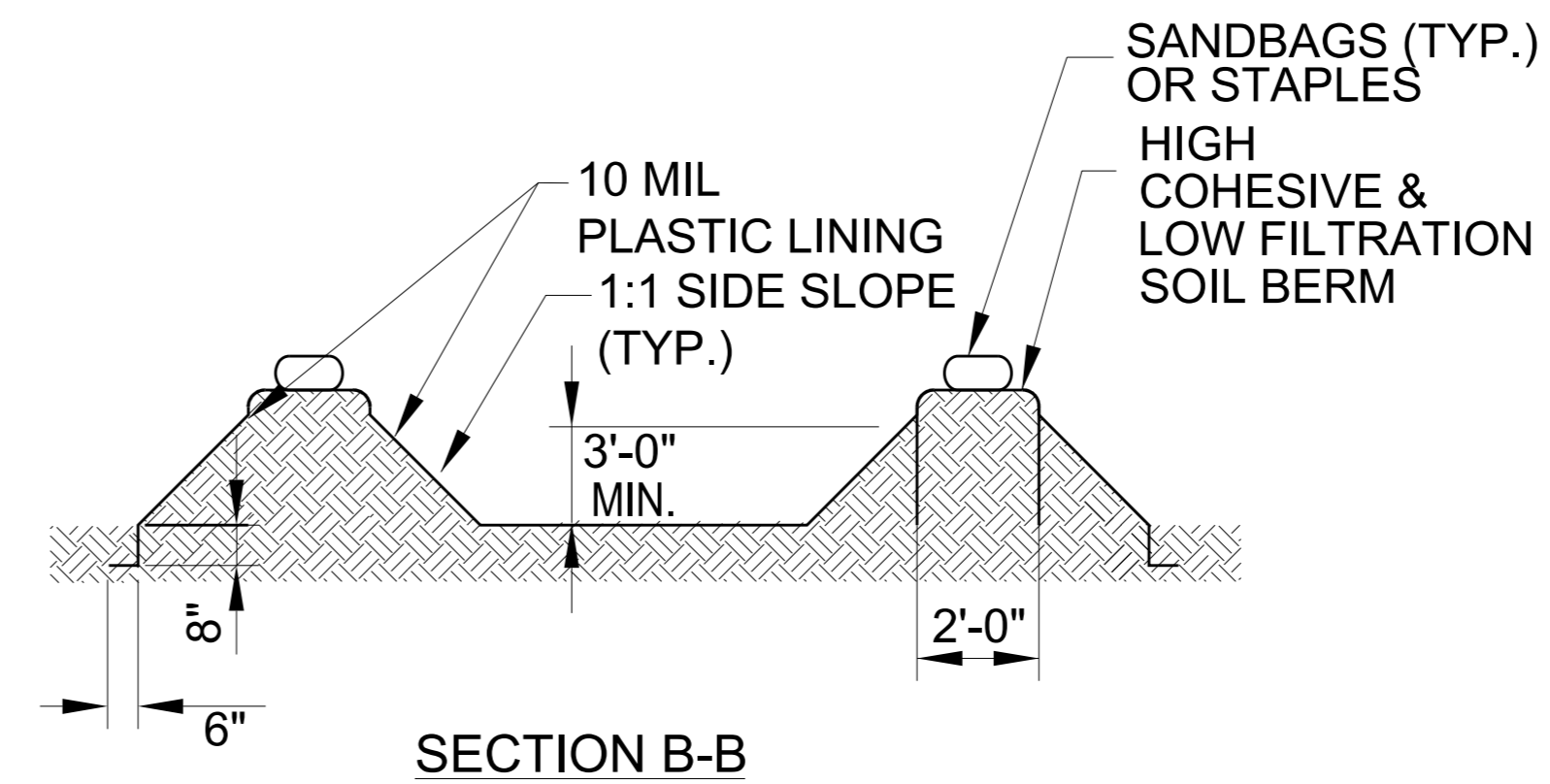
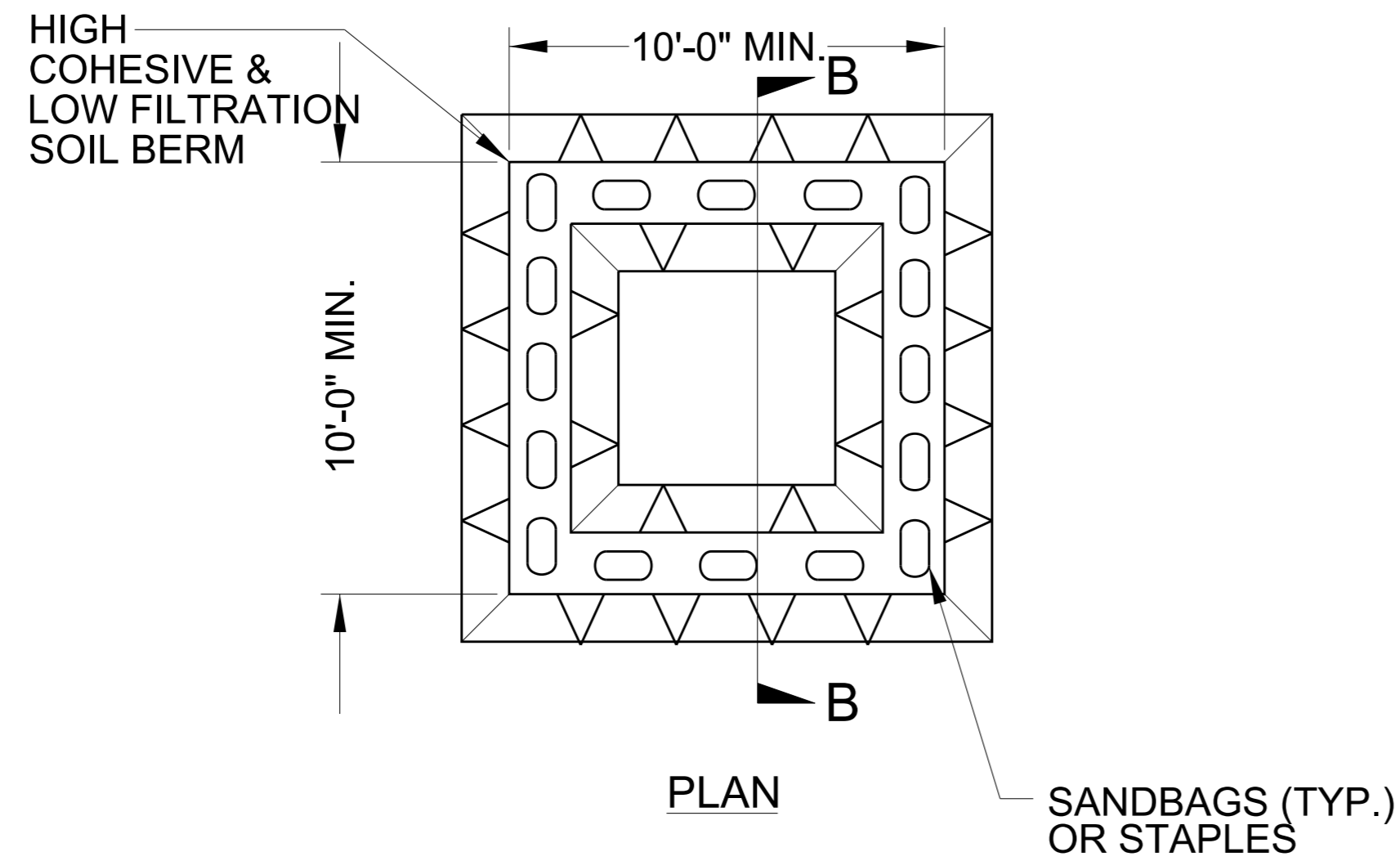
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# ONSITE CONCRETE WASHOUT STRUCTURE WITH LINER



**BELOW GRADE WASHOUT STRUCTURE**  
NOT TO SCALE

- NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD
  2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
  3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.



**ABOVE GRADE WASHOUT STRUCTURE**  
NOT TO SCALE

- NOTES:
1. ACTUAL LOCATION DETERMINED IN FIELD
  2. THE CONCRETE WASHOUT STRUCTURES SHALL BE MAINTAINED WHEN THE LIQUID AND/OR SOLID REACHES 75% OF THE STRUCTURES CAPACITY TO PROVIDE ADEQUATE HOLDING CAPACITY WITH A MINIMUM 12 INCHES OF FREEBOARD.
  3. CONCRETE WASHOUT STRUCTURE NEEDS TO BE CLEARLY MARKED WITH SIGNAGE NOTING DEVICE.



DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA

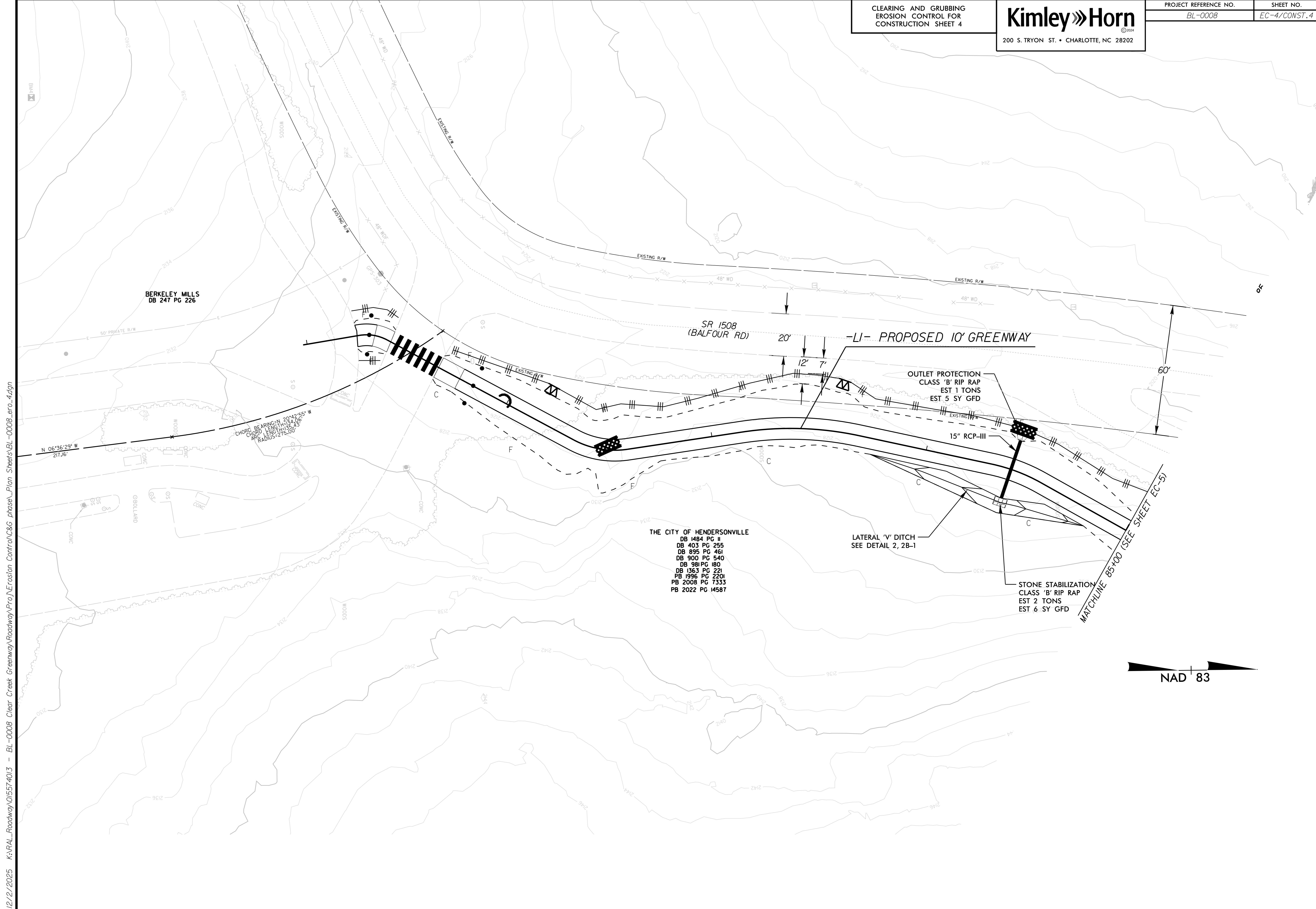
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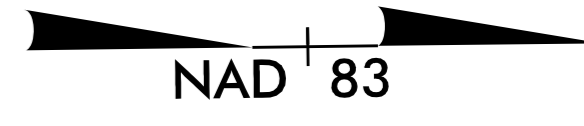
## ***SOIL STABILIZATION TIMEFRAMES***

<i>SITE DESCRIPTION</i>	<i>STABILIZATION TIME</i>	<i>TIMEFRAME EXCEPTIONS</i>
PERIMETER DIKES, SWALES, DITCHES AND SLOPES	7 DAYS	NONE
HIGH QUALITY WATER (HQW) ZONES	7 DAYS	NONE
SLOPES STEEPER THAN 3:1	7 DAYS	IF SLOPES ARE 10' OR LESS IN LENGTH AND ARE NOT STEEPER THAN 2:1, 14 DAYS ARE ALLOWED.
SLOPES 3:1 TO 4:1	14 DAYS	7 DAYS FOR SLOPES GREATER THAN 50' IN LENGTH WITH SLOPES STEEPER THAN 4:1. 7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES
ALL OTHER AREAS WITH SLOPES FLATTER THAN 4:1	14 DAYS	7 DAYS FOR PERIMETER DIKES, SWALES, DITCHES PERIMETER SLOPES, AND HQW ZONES



BERKELEY MILLS  
DB 247 PG 226

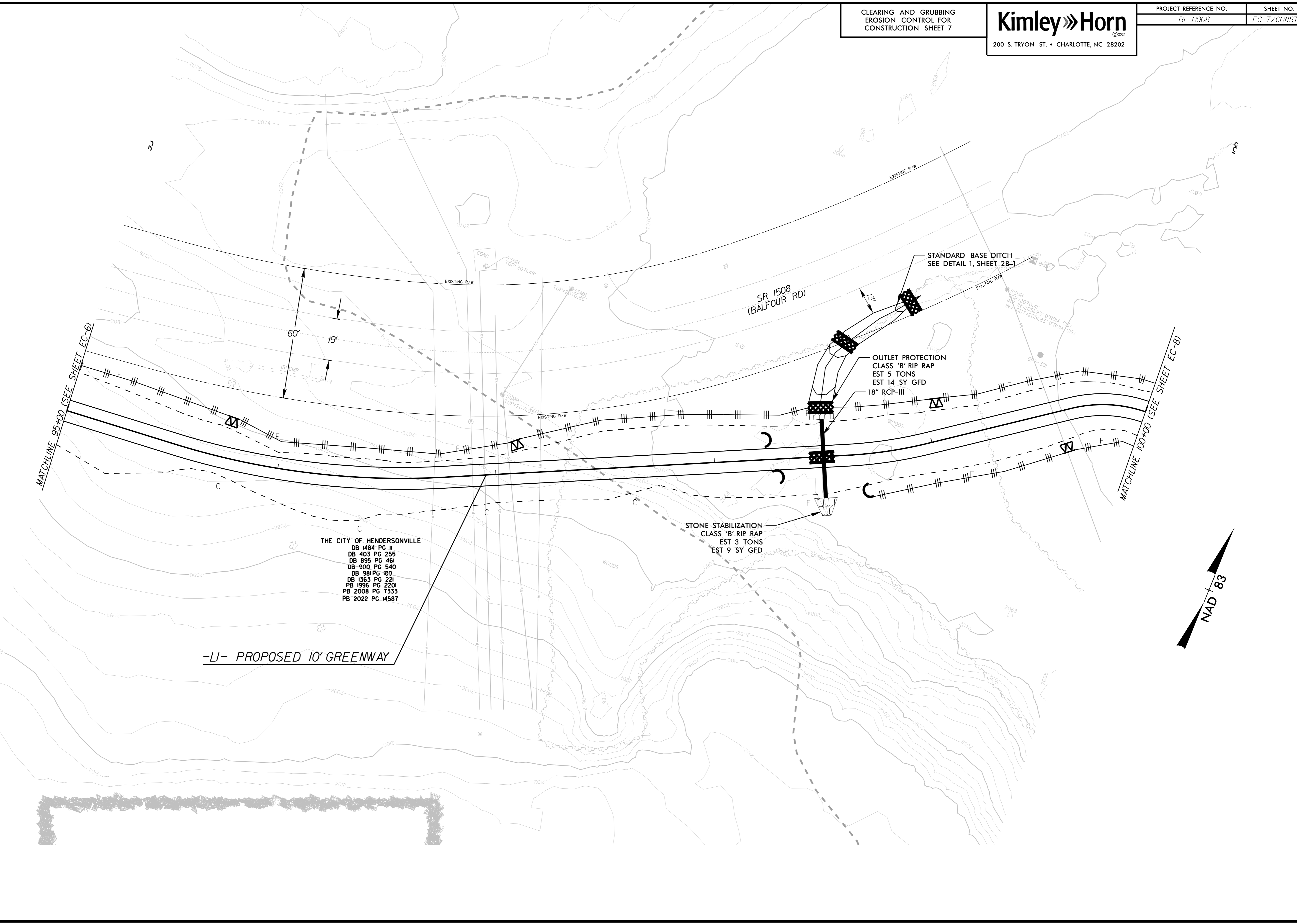
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DB 403 PG 255  
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DB 900 PG 540  
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DB 1363 PG 221  
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PB 2022 PG 14587



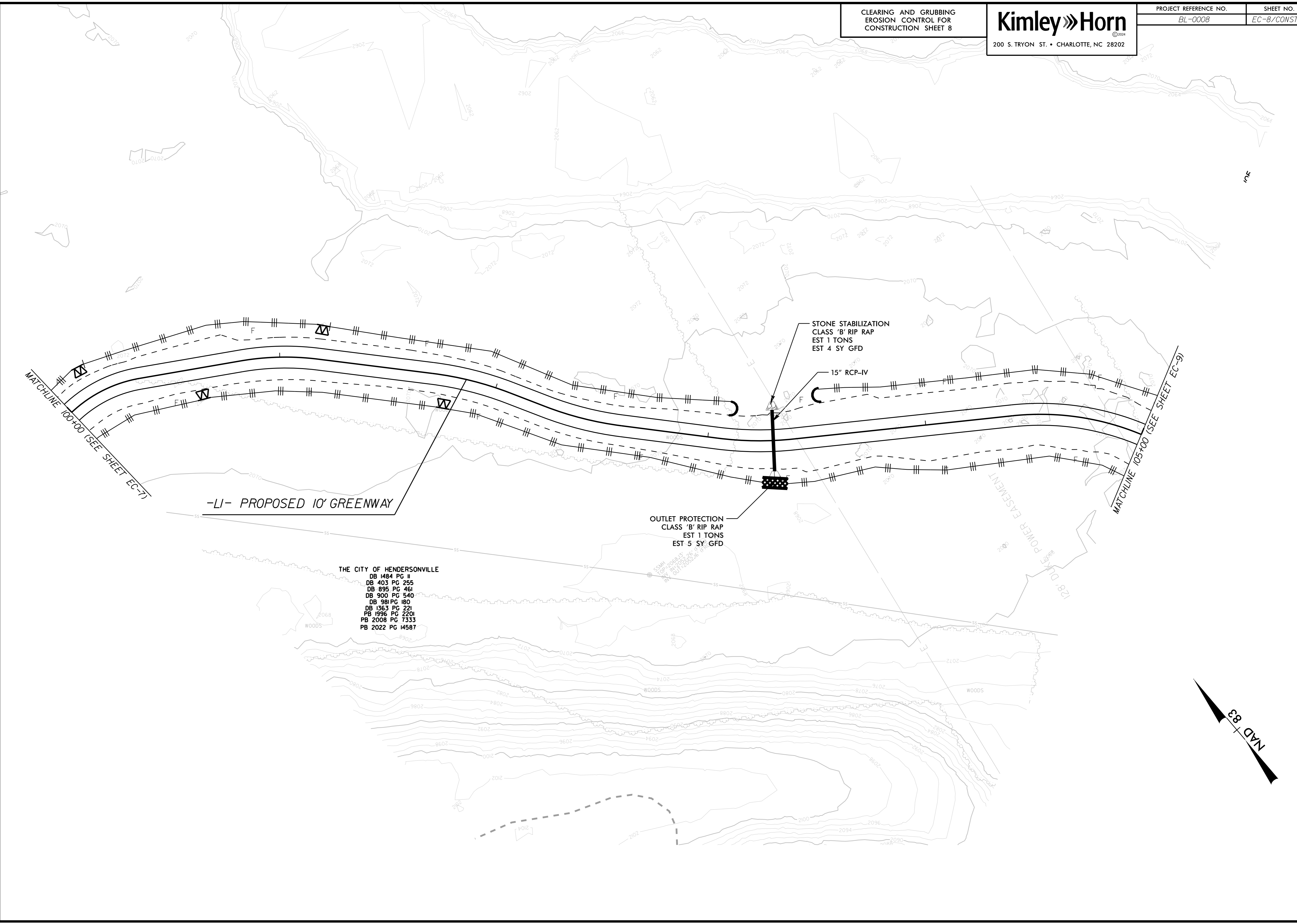
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MATCHLINE 100+00 (SEE SHEET EC-7)

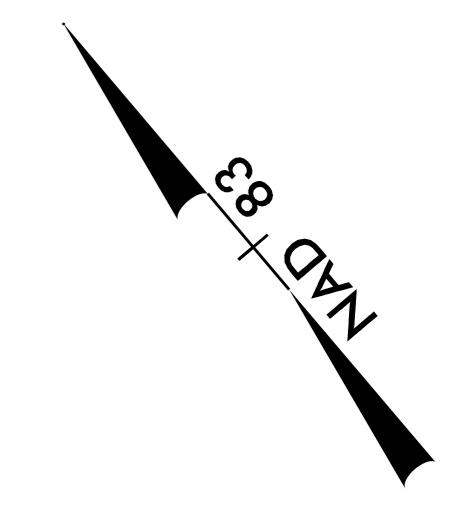
-LI- PROPOSED 10' GREENWAY

STONE STABILIZATION  
CLASS 'B' RIP RAP  
EST 1 TONS  
EST 4 SY GFD

15" RCP-IV

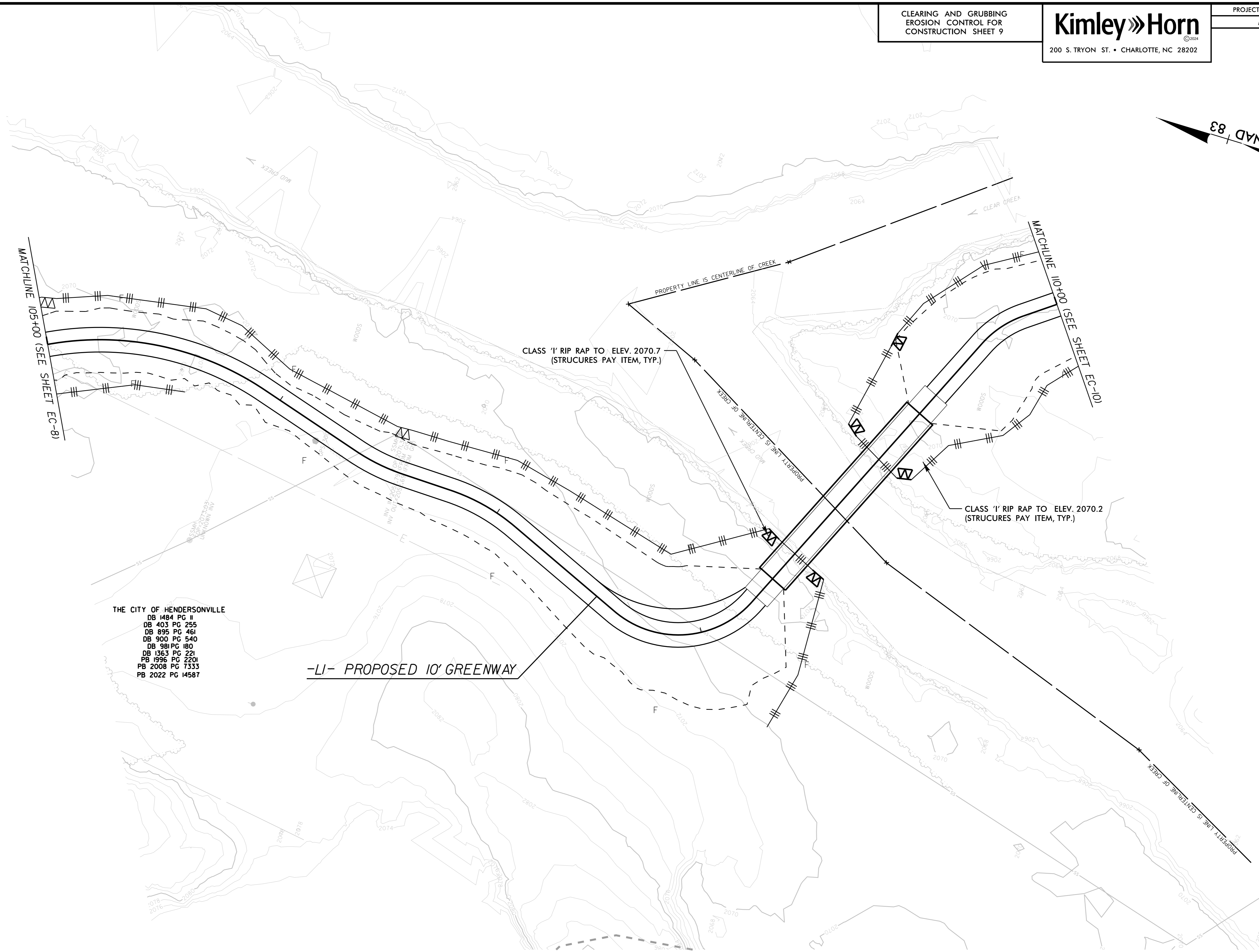
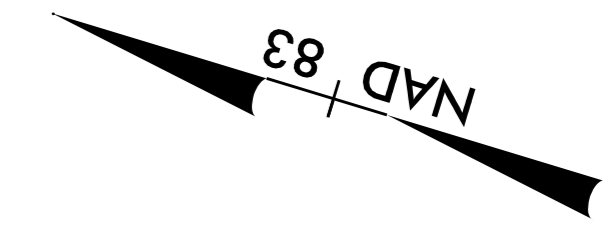
MATCHLINE 105+00 (SEE SHEET EC-9)

THE CITY OF HENDERSONVILLE  
DB 1484 PG 11  
DB 403 PG 255  
DB 895 PG 461  
DB 900 PG 540  
DB 981 PG 180  
DB 1363 PG 221  
PB 1896 PG 7333  
PB 2008 PG 7333  
PB 2022 PG 14587



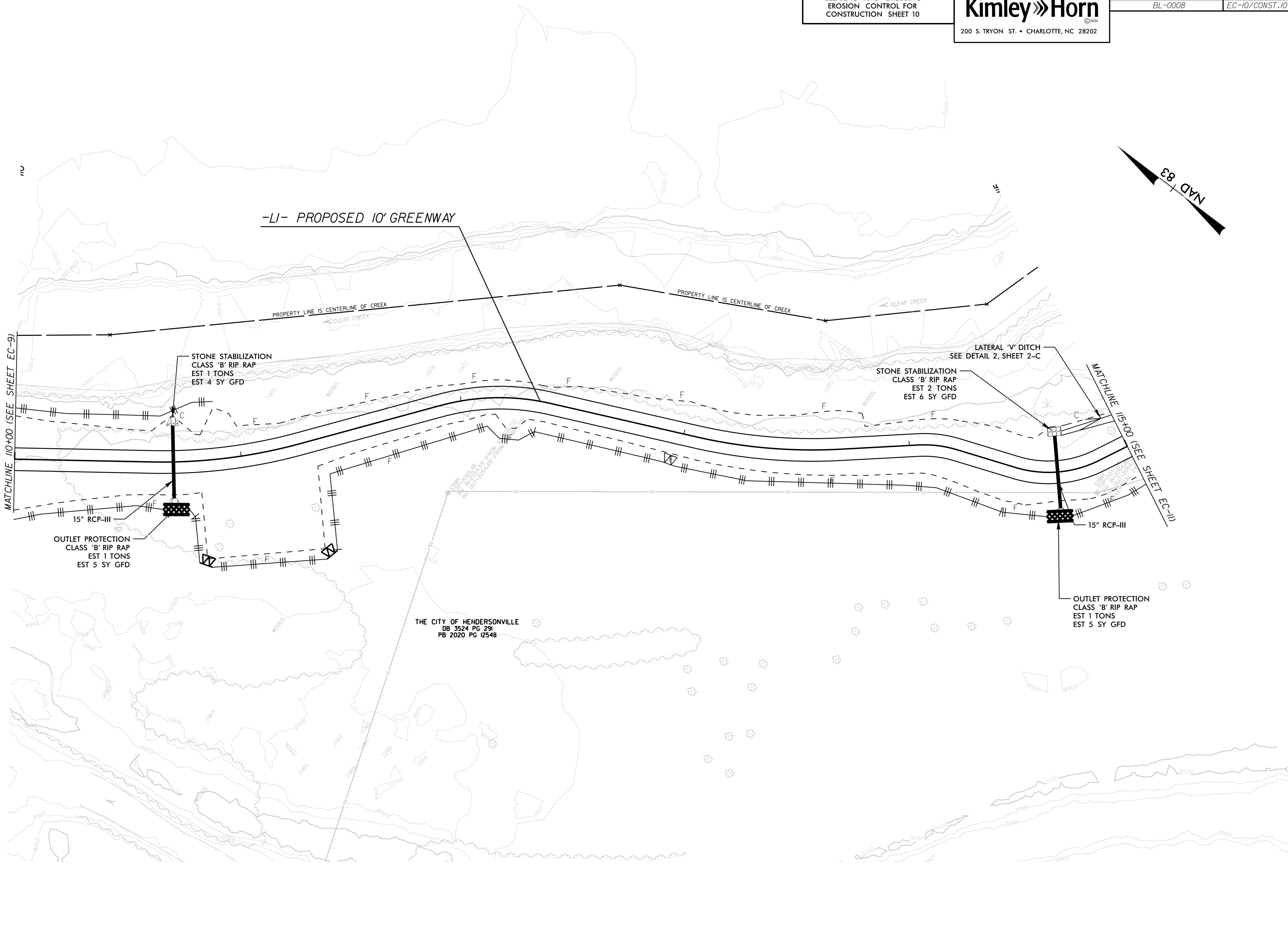
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3



THE CITY OF HENDERSONVILLE  
DB 1484 PG II  
DB 403 PG 255  
DB 895 PG 461  
DB 900 PG 540  
DB 981 PG 180  
DB 1363 PG 221  
PB 1996 PG 2201  
PB 2008 PG 7333  
PB 2022 PG 14587

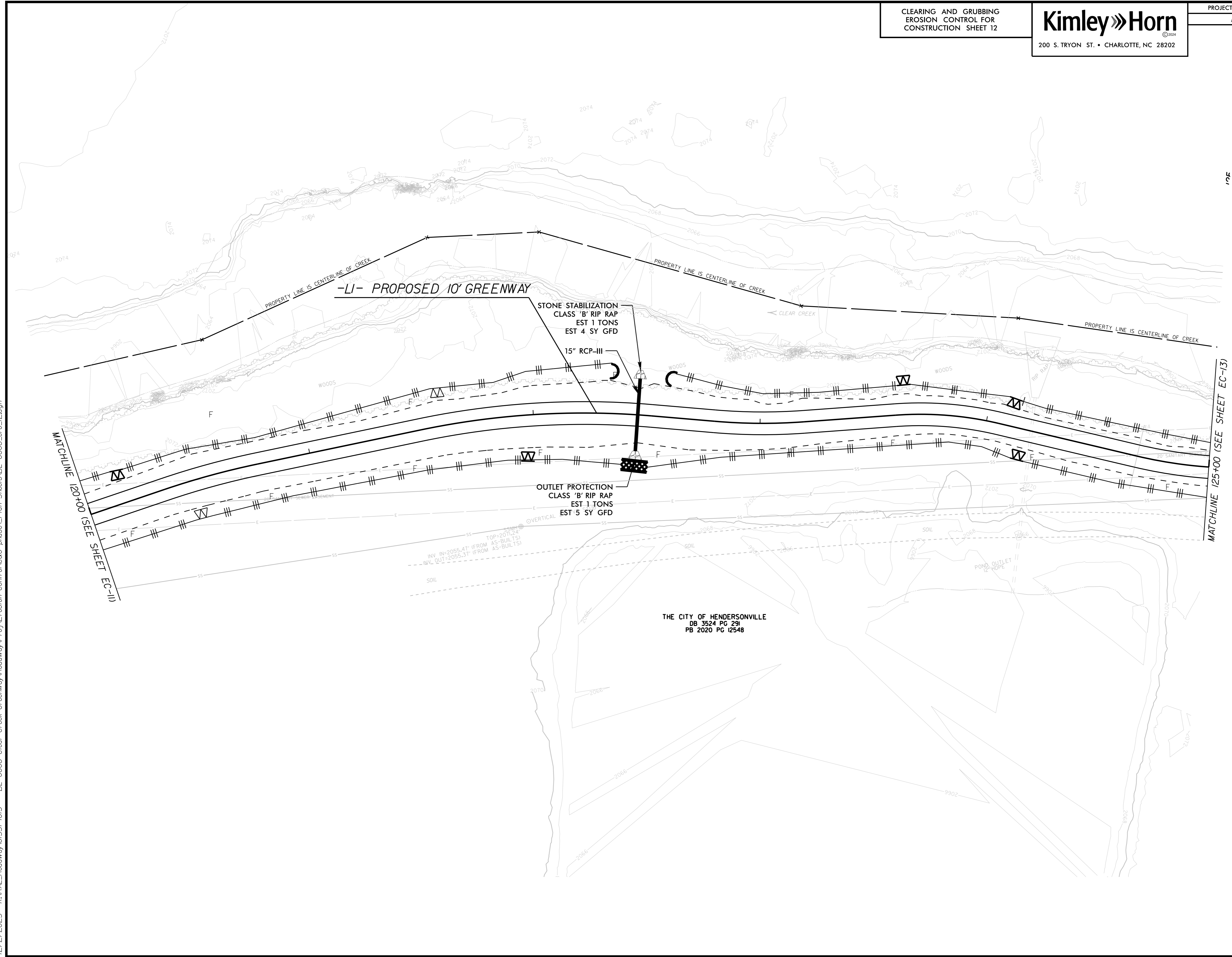
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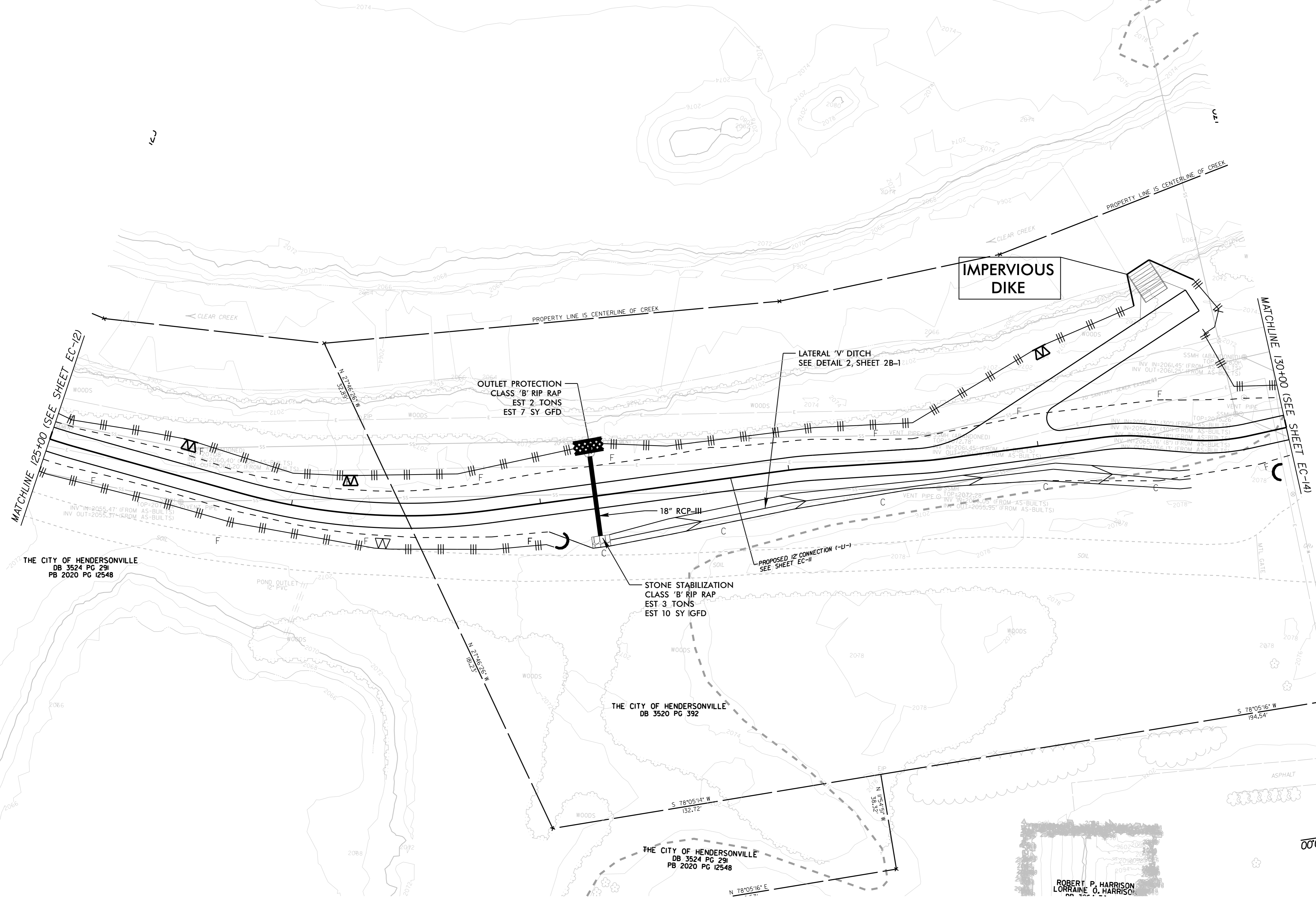
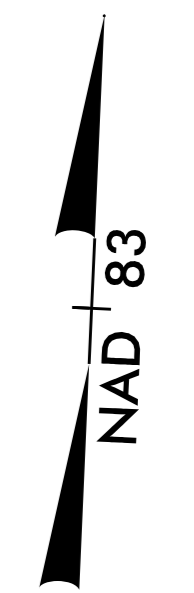


UTILIZE SPECIAL STILLING BASIN WHERE APPLICABLE  
STILLING BASIN MUST BE PLACED WITHIN EC MEASURES

CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 13

**Kimley»Horn**  
 200 S. TRYON ST. • CHARLOTTE, NC 28202

PROJECT REFERENCE NO.	SHEET NO.
BL-0008	EC-13/CONST.13

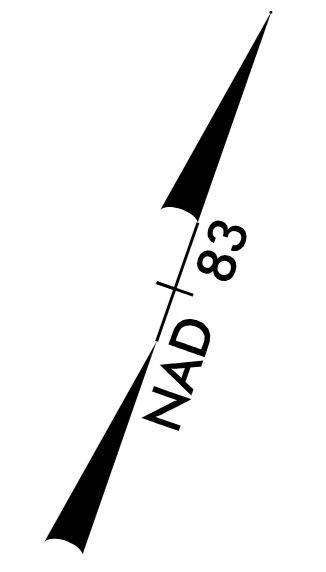
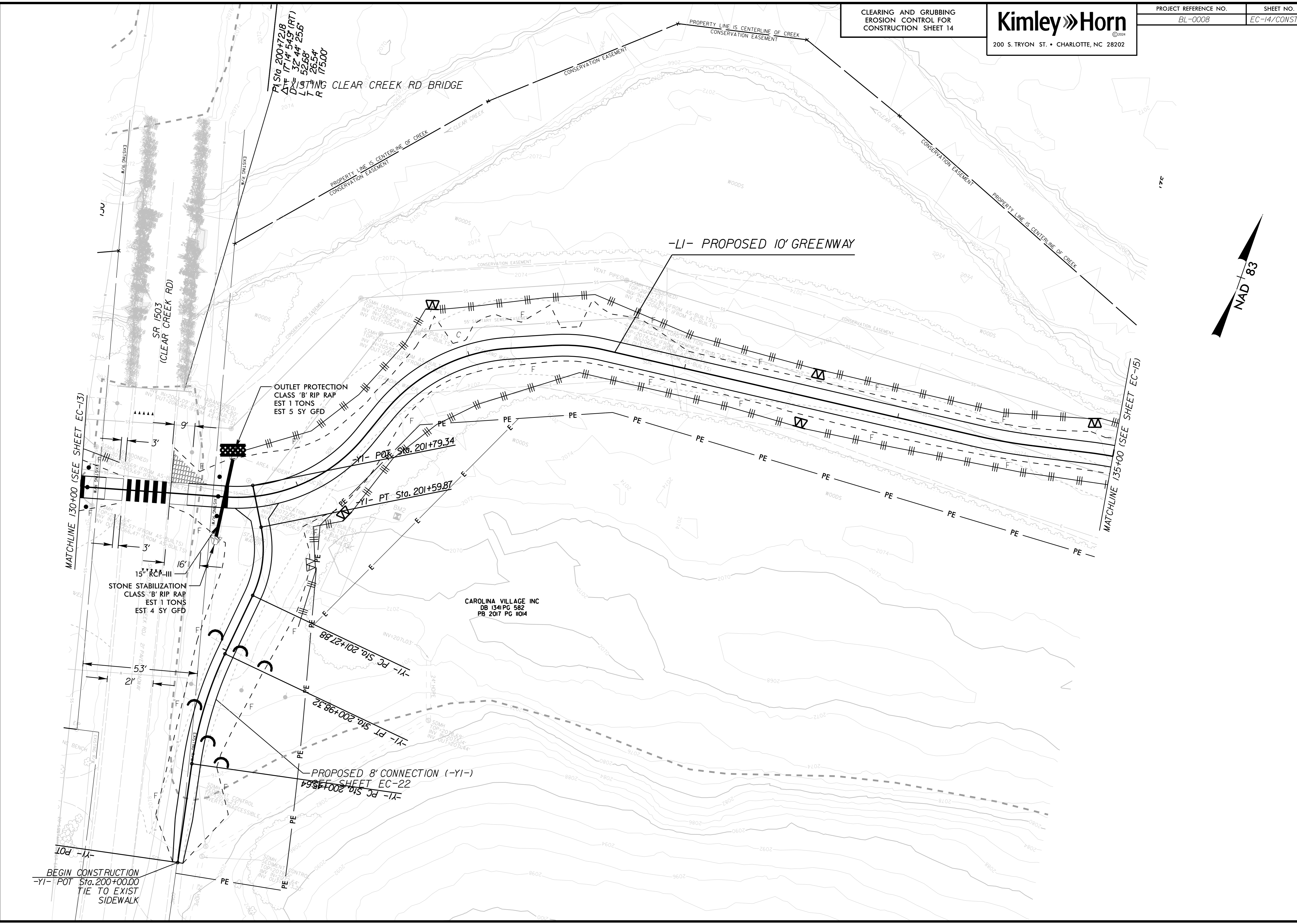


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CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 14

**Kimley»Horn**  
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200 S. TRYON ST. • CHARLOTTE, NC 28202

PROJECT REFERENCE NO.	SHEET NO.
BL-0008	EC-14/CONST.14

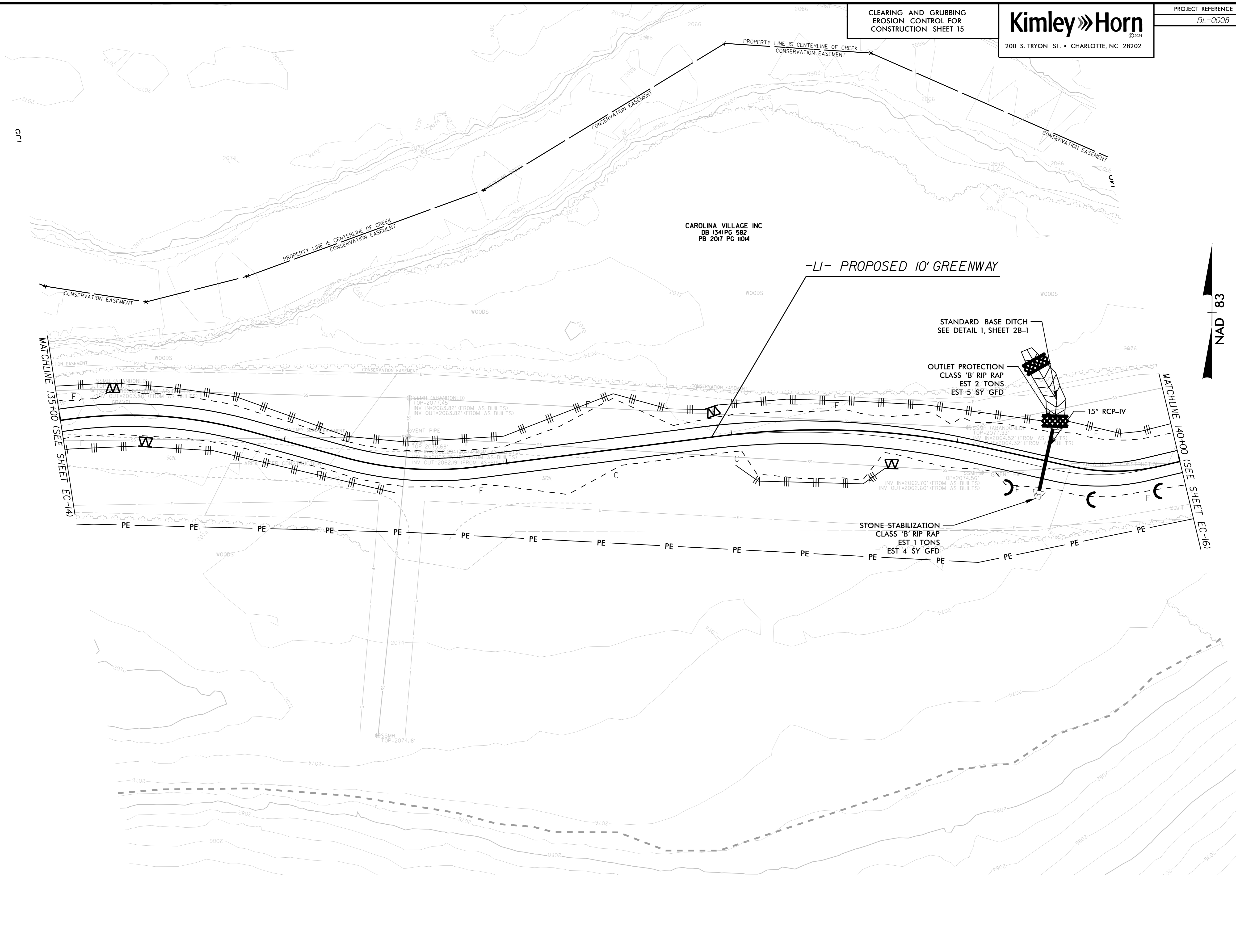


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CLEARING AND GRUBBING  
EROSION CONTROL FOR  
CONSTRUCTION SHEET 15

**Kimley»Horn**  
©2024  
200 S. TRYON ST. • CHARLOTTE, NC 28202

PROJECT REFERENCE NO.	SHEET NO.
BL-0008	EC-15/CONST.15

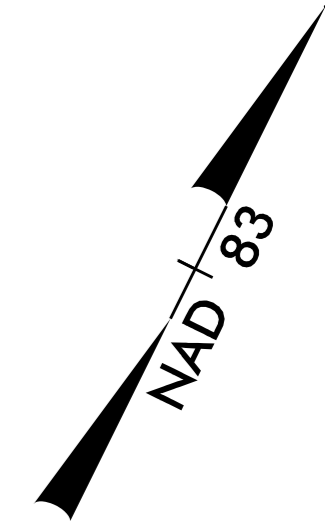
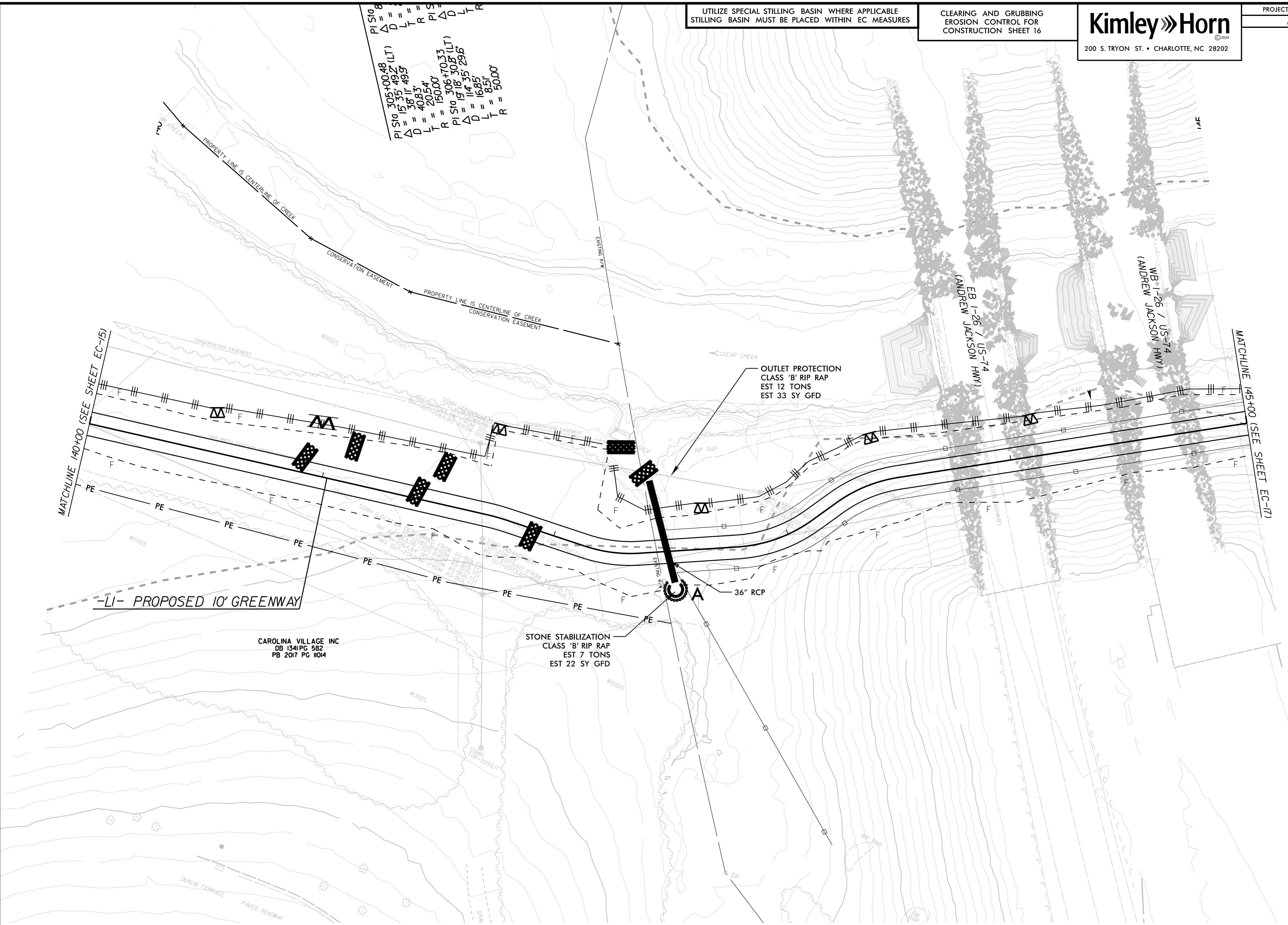


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UTILIZE SPECIAL STILLING BASIN WHERE APPLICABLE  
 STILLING BASIN MUST BE PLACED WITHIN EC MEASURES

CLEARING AND GRUBBING  
 EROSION CONTROL FOR  
 CONSTRUCTION SHEET 16

PI S10 305+00.48  
 Δ = 15° 35' 49.2" (LT)  
 D = 38' 11" 49.9'  
 L = 40.83'  
 T = 20.54'  
 R = 150.00'  
 PI S10 306+70.33  
 Δ = 14° 35' 29.6"  
 D = 16.85'  
 L = 8.51'  
 R = 50.00'



12/2/2025 K:\RAL\_Roadway\0155740\3 - BL-0008 Clear Creek Greenway Roadway\Proj\Erosion Control\C&G phase\_Plan Sheets\BL-0008\_ero\_16.dgn

-LI- PROPOSED 10' GREENWAY

CAROLINA VILLAGE INC  
 DB 1341 PG 582  
 PB 2017 PG 1014

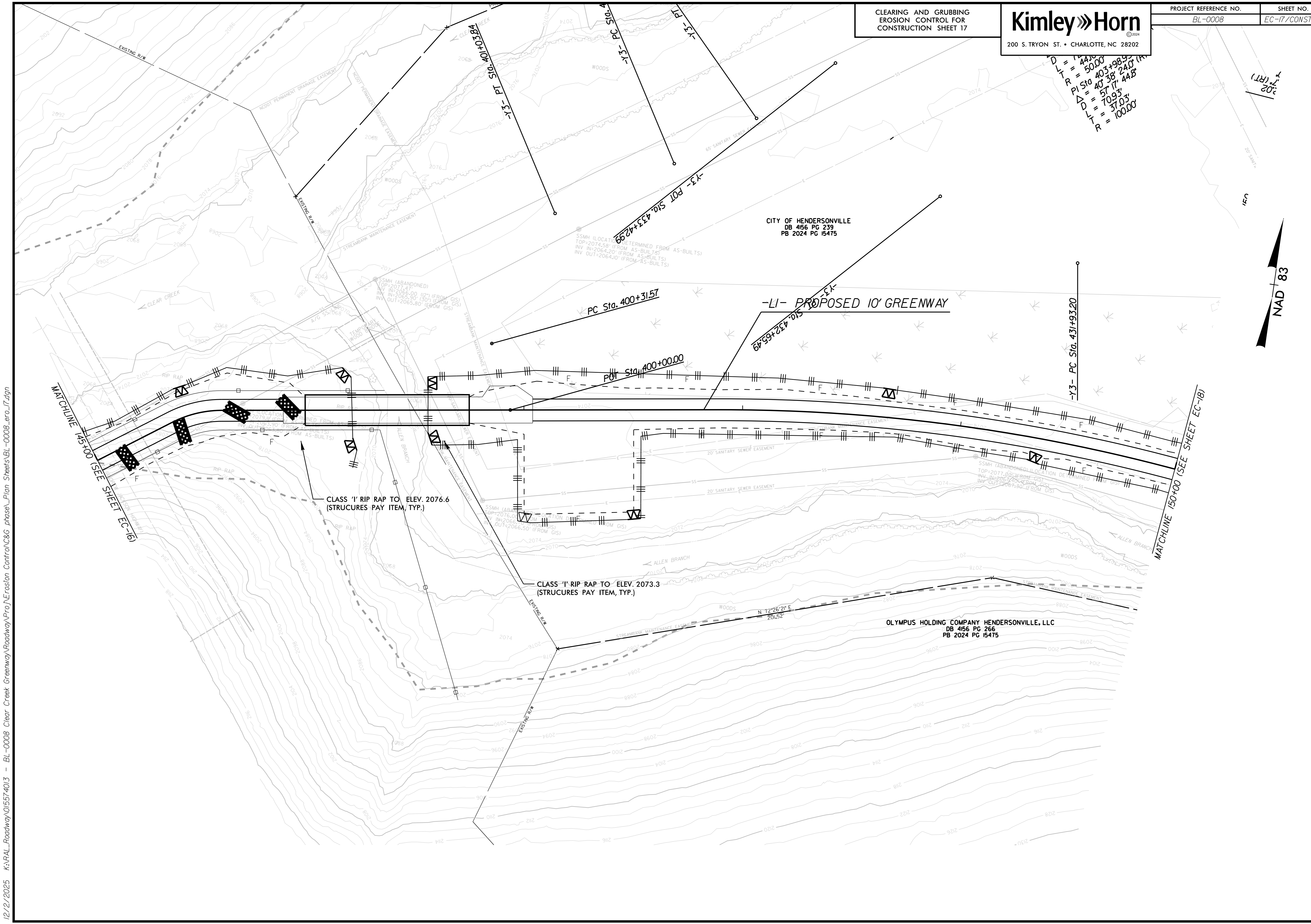
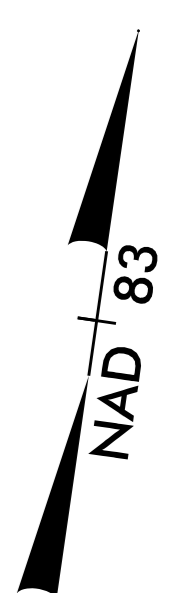
STONE STABILIZATION  
 CLASS 'B' RIP RAP  
 EST 7 TONS  
 EST 22 SY GFD

OUTLET PROTECTION  
 CLASS 'B' RIP RAP  
 EST 12 TONS  
 EST 33 SY GFD

$D = 144.00$   
 $L = 44.00$   
 $P = 50.00$   
 $PI = 403+98.99$   
 $PI = 403+38.240$   
 $PI = 57+77.448$   
 $LD = 70.93$   
 $LD = 37.03$   
 $R = 100.00$

150+00

150



CITY OF HENDERSONVILLE  
DB 4156 PG 239  
PB 2024 PG 15475

SSMH (LOCATION DETERMINED FROM AS-BUILTS)  
TOP=2074.58' (FROM AS-BUILTS)  
INV IN=2064.20' (FROM AS-BUILTS)  
INV OUT=2064.10' (FROM AS-BUILTS)

SSMH (ABANDONED)  
TOP=2073.00' (FROM AS-BUILTS)  
INV IN=2065.90' (FROM GIS)  
INV OUT=2065.80' (FROM GIS)

SSMH (ABANDONED)  
TOP=2074.40' (FROM AS-BUILTS)  
INV IN=2066.50' (FROM GIS)  
INV OUT=2066.50' (FROM GIS)

SSMH (ABANDONED) (LOCATION DETERMINED FROM AS-BUILTS)  
TOP=2077.00' (FROM GIS)  
INV IN=2067.70' (FROM GIS)  
INV OUT=2067.90' (FROM GIS)

OLYMPUS HOLDING COMPANY HENDERSONVILLE, LLC  
DB 4156 PG 266  
PB 2024 PG 15475

CLASS '1' RIP RAP TO ELEV. 2076.6  
(STRUCTURES PAY ITEM, TYP.)

CLASS '1' RIP RAP TO ELEV. 2073.3  
(STRUCTURES PAY ITEM, TYP.)

MATCHLINE 145+00 (SEE SHEET EC-16)

MATCHLINE 150+00 (SEE SHEET EC-18)

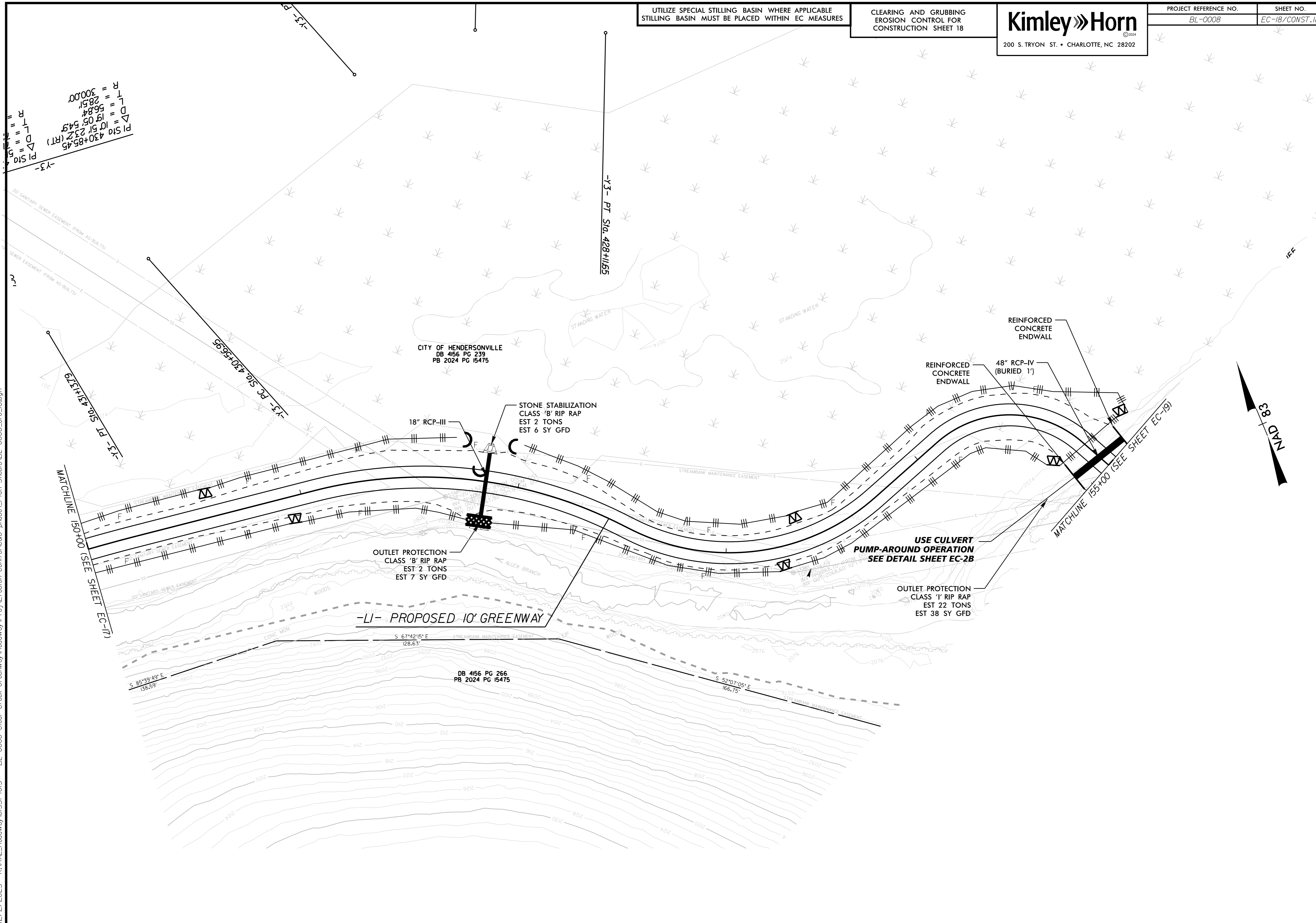
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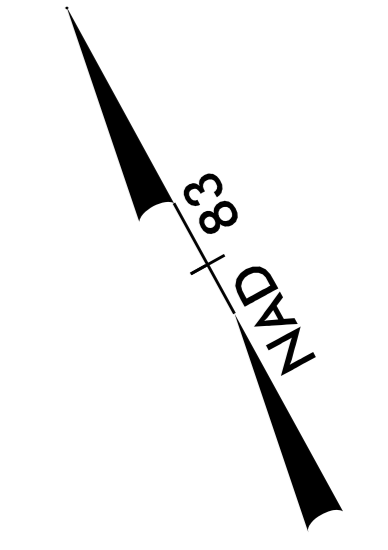
UTILIZE SPECIAL STILLING BASIN WHERE APPLICABLE  
 STILLING BASIN MUST BE PLACED WITHIN EC MEASURES

CLEARING AND GRUBBING  
 EROSION CONTROL FOR  
 CONSTRUCTION SHEET 18

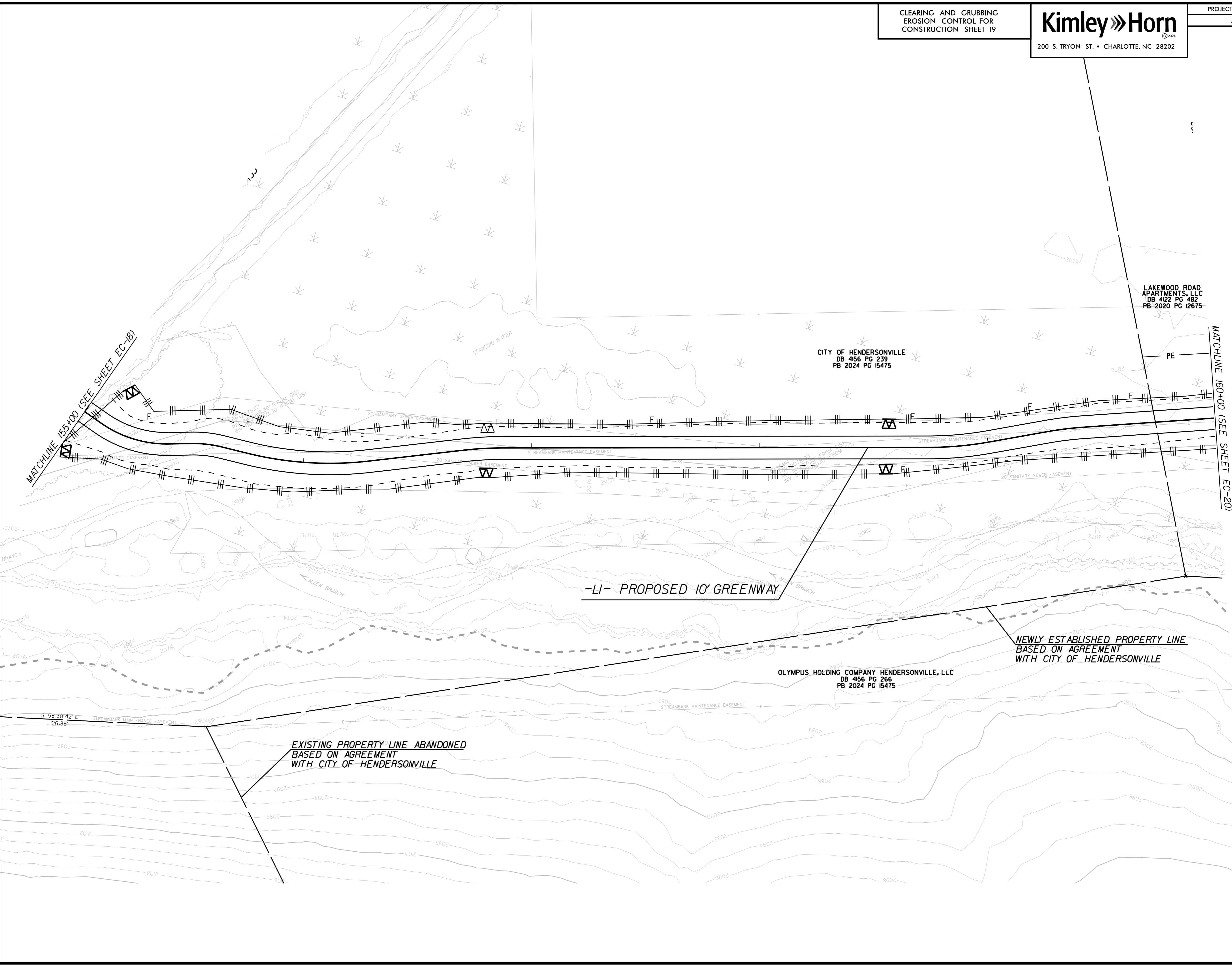
$P1\ S10 = 430+85.45$   
 $L\Delta = 56.84$   
 $T = 28.51$   
 $R = 300.00'$   
 $P1\ S10 = 105+23.22$  (RT)  
 $L\Delta = 19.05$   
 $T = 54.9$   
 $R = 105.00'$

12/2/2025 K:\RAL\_Roadway\015574013 - BL-0008 Clear Creek Greenway\Roadway\Proj\Erosion Control\C&G phase\_Plan Sheets\BL-0008\_ero\_18.dgn





12/2/2025 K:\RAL\_Roadway\015574013 - BL-0008 Clear Creek Greenway\Roadway\Proj\Erosion Control\C&G phase\_Plan Sheets\BL-0008\_ero\_19.dgn



MATCHLINE 155+00 (SEE SHEET EC-18)

MATCHLINE 160+00 (SEE SHEET EC-20)

-LI- PROPOSED 10' GREENWAY

CITY OF HENDERSONVILLE  
DB 4156 PG 239  
PB 2024 PG 15475

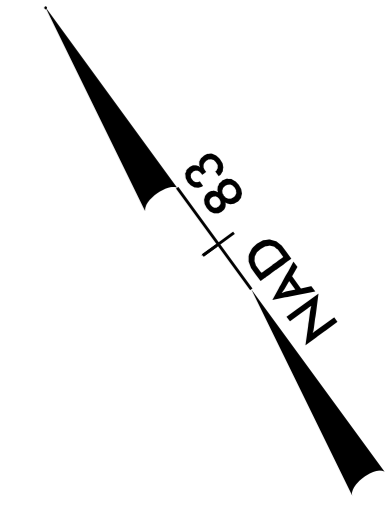
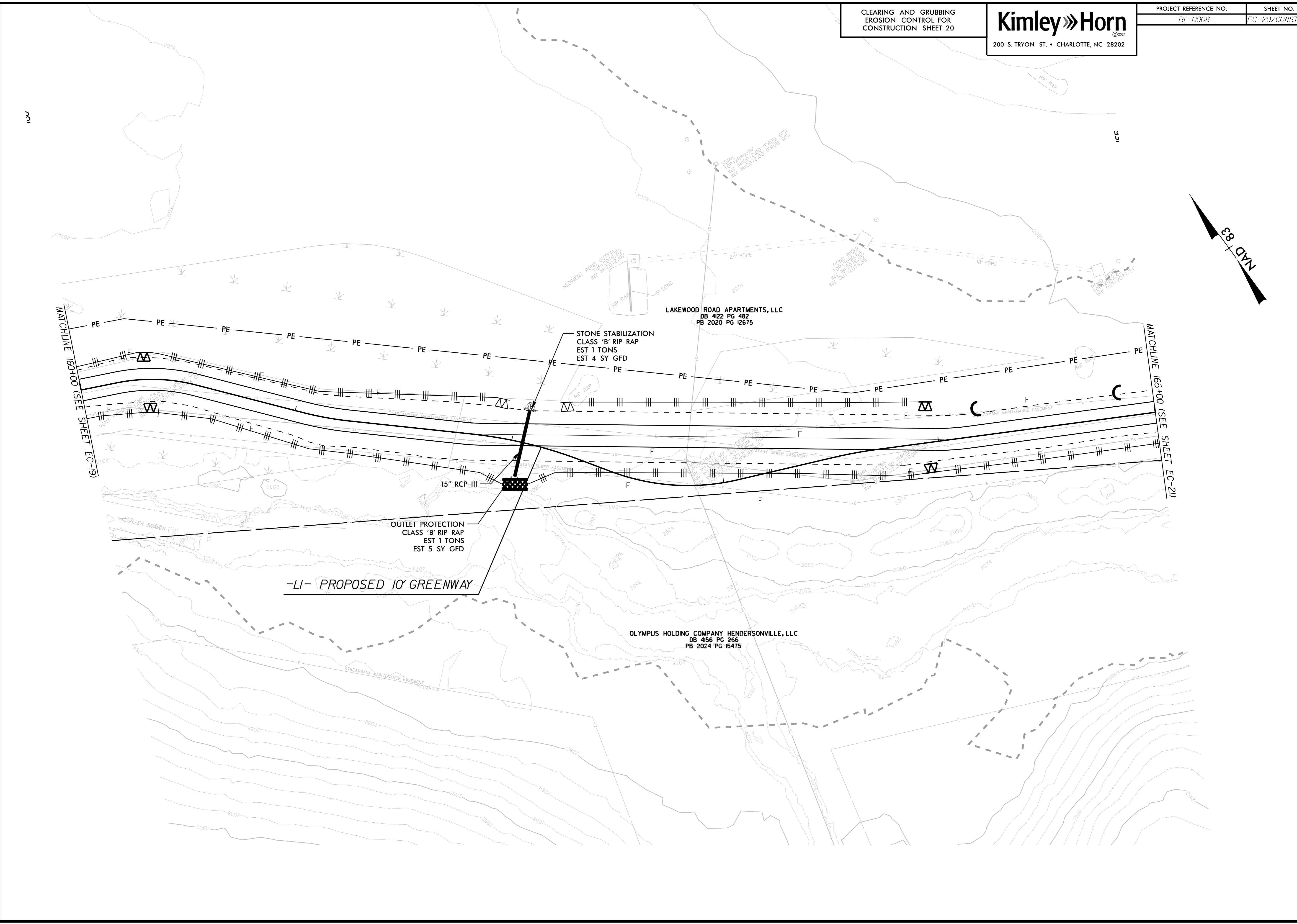
LAKEWOOD ROAD  
APARTMENTS, LLC  
DB 4122 PG 482  
PB 2020 PG 12675

OLYMPUS HOLDING COMPANY HENDERSONVILLE, LLC  
DB 4156 PG 266  
PB 2024 PG 15475

EXISTING PROPERTY LINE ABANDONED  
BASED ON AGREEMENT  
WITH CITY OF HENDERSONVILLE

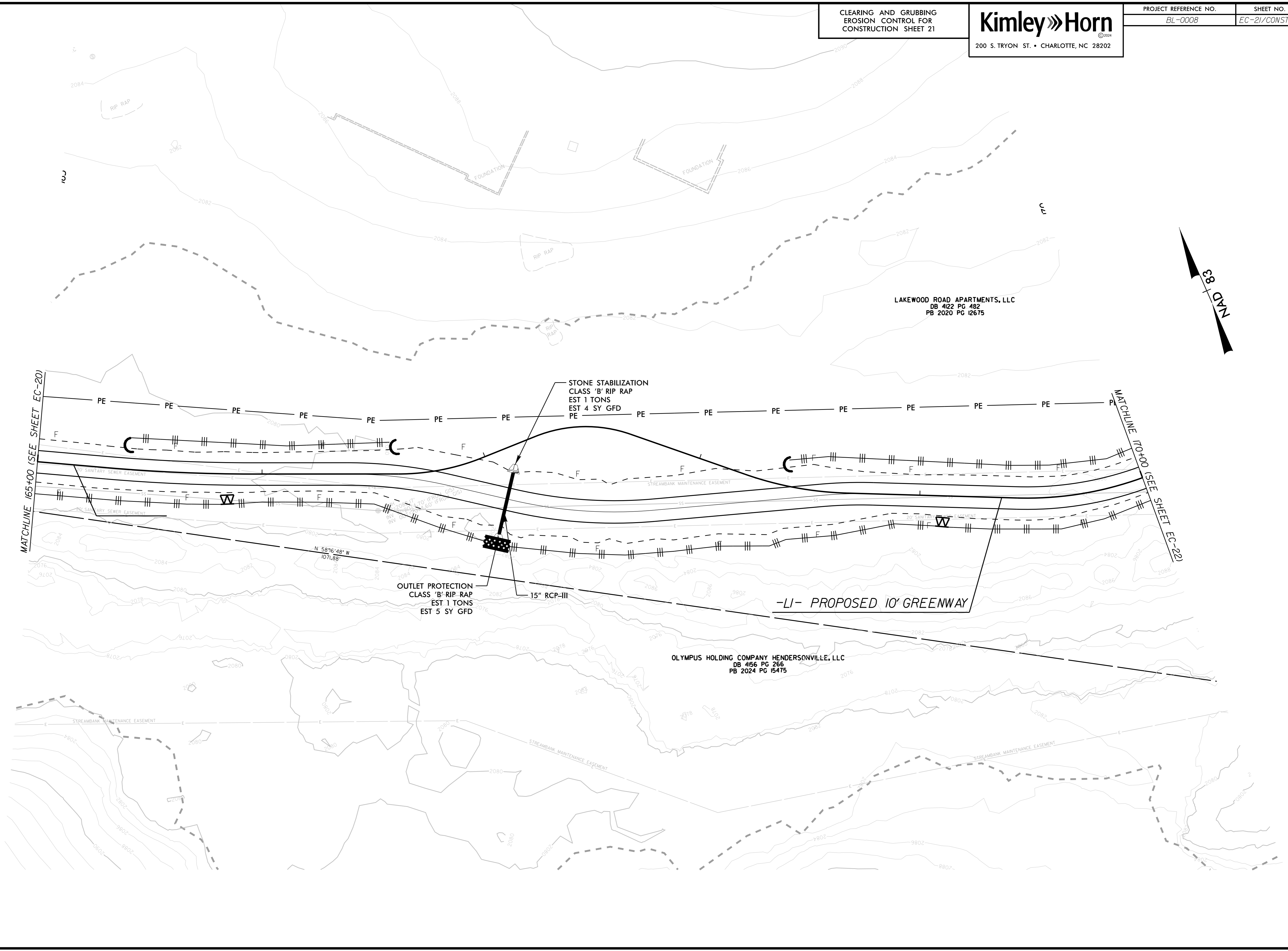
NEWLY ESTABLISHED PROPERTY LINE  
BASED ON AGREEMENT  
WITH CITY OF HENDERSONVILLE

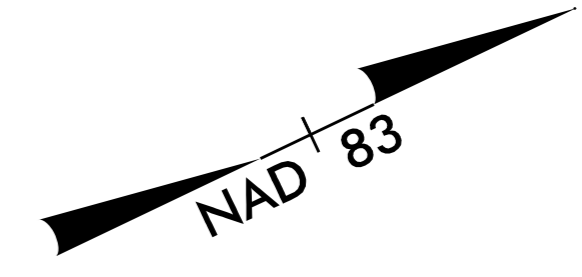
S 58°30'42" E  
126.89'



12/2/2025 K:\RAL\_Roadway\0155740\3 - BL-0008 Clear Creek Greenway\Roadway\Proj\Erosion Control\C&G phase\_Plan Sheets\BL-0008\_ero\_20.dgn

12/2/2025 K:\RAL\_Roadway\0155740\3 - BL-0008 Clear Creek Greenway Roadway\Proj\Erosion Control\C&G phase\_Plan Sheets\BL-0008\_ero\_21.dgn





MATCHLINE 170+00 (SEE SHEET EC-21)

MATCHLINE 175+00 (SEE SHEET EC-23)

LAKWOOD ROAD APARTMENTS, LLC  
DB 4122 PG 482  
PB 2020 PG 12675

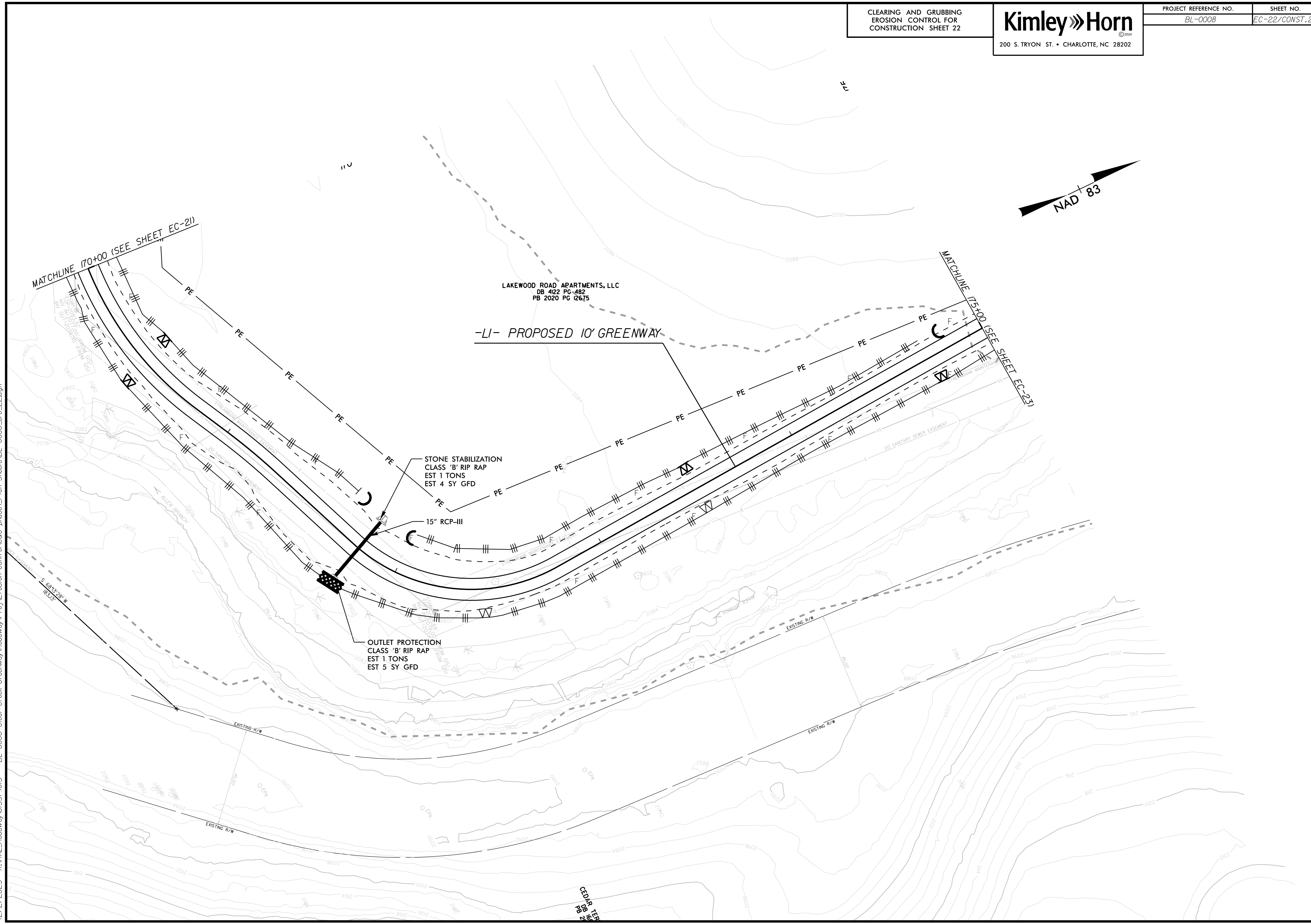
-LI- PROPOSED 10' GREENWAY

STONE STABILIZATION  
CLASS 'B' RIP RAP  
EST 1 TONS  
EST 4 SY GFD

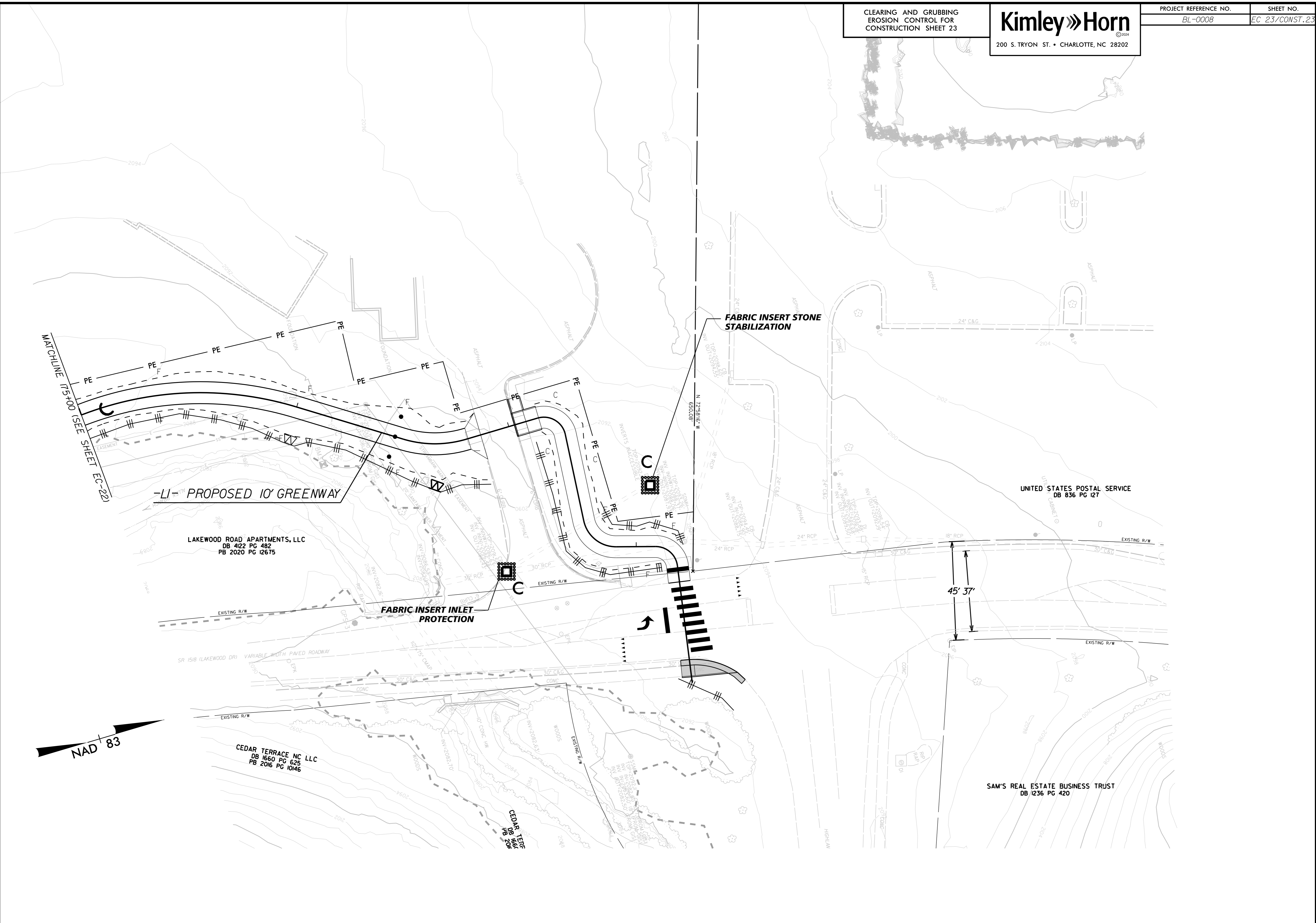
OUTLET PROTECTION  
CLASS 'B' RIP RAP  
EST 1 TONS  
EST 5 SY GFD

15" RCP-III

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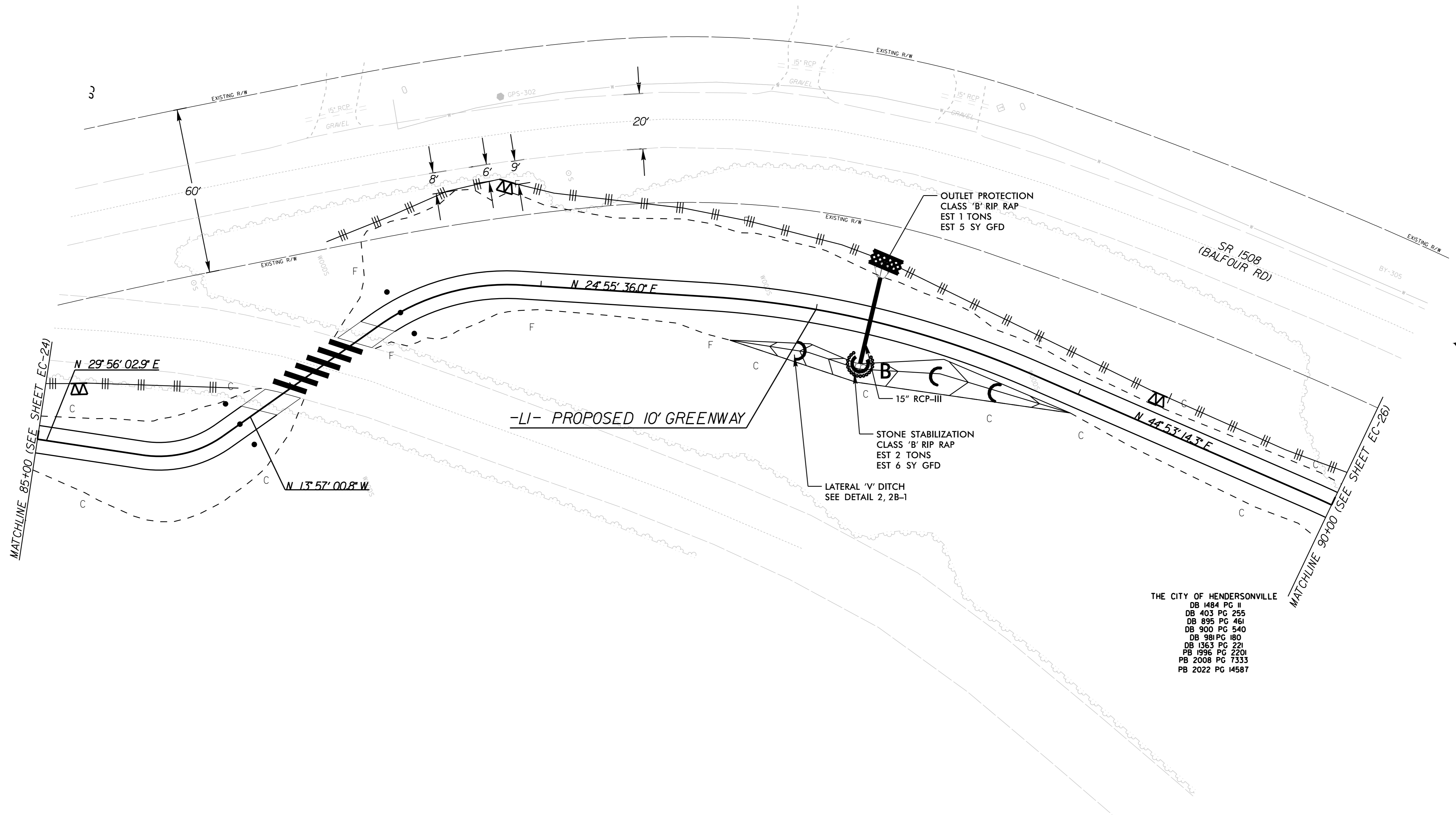


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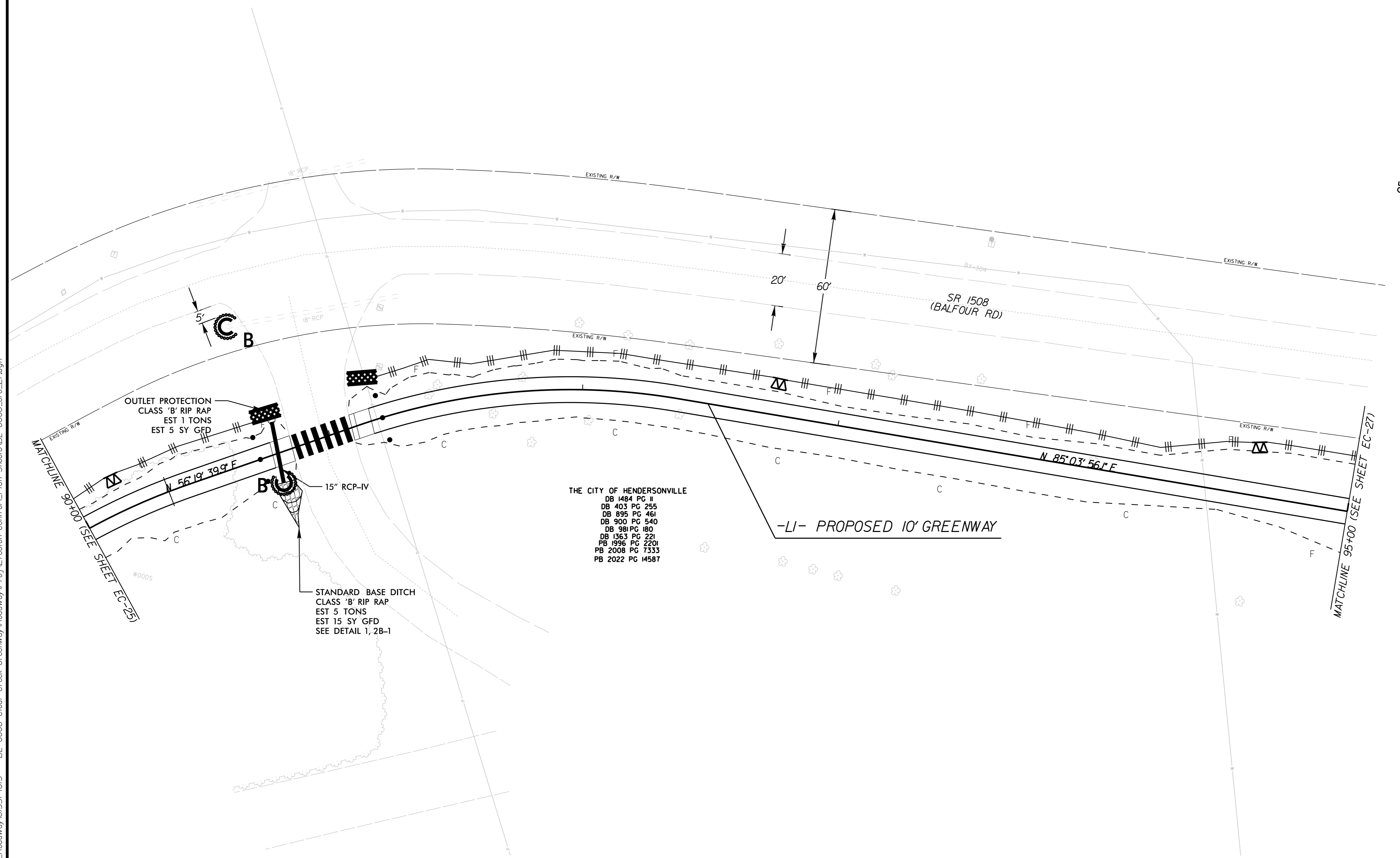


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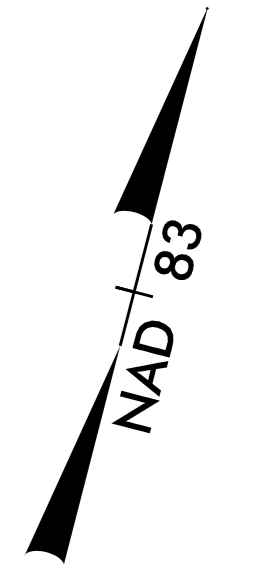


THE CITY OF HENDERSONVILLE  
 DB 1484 PG II  
 DB 403 PG 255  
 DB 895 PG 461  
 DB 900 PG 540  
 DB 981 PG 180  
 DB 1363 PG 221  
 PB 1996 PG 2201  
 PB 2008 PG 1333  
 PB 2022 PG 14587

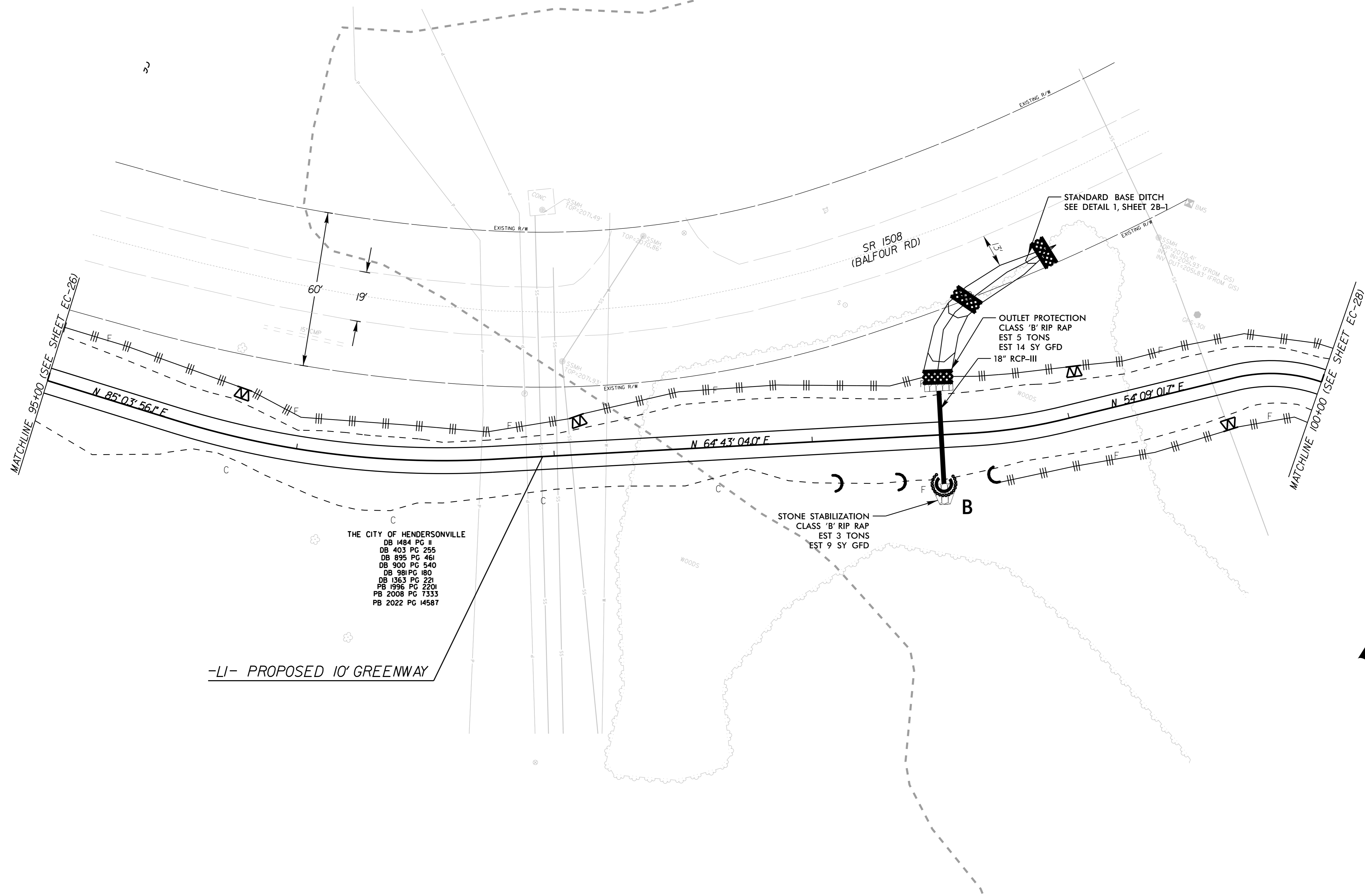
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THE CITY OF HENDERSONVILLE  
 DB 1484 PG II  
 DB 403 PG 255  
 DB 895 PG 461  
 DB 900 PG 540  
 DB 981 PG 180  
 DB 1363 PG 221  
 PB 1996 PG 2201  
 PB 2008 PG 7333  
 PB 2022 PG 14587

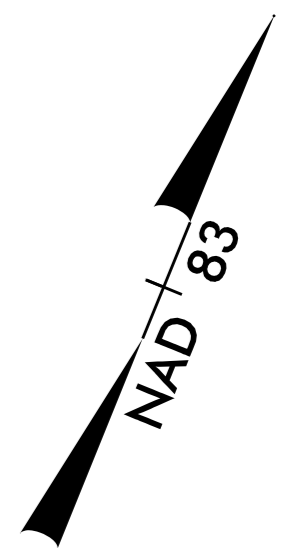


05

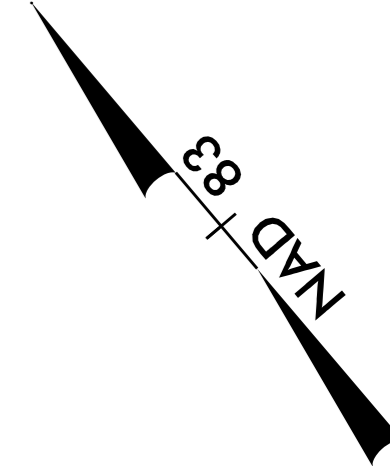
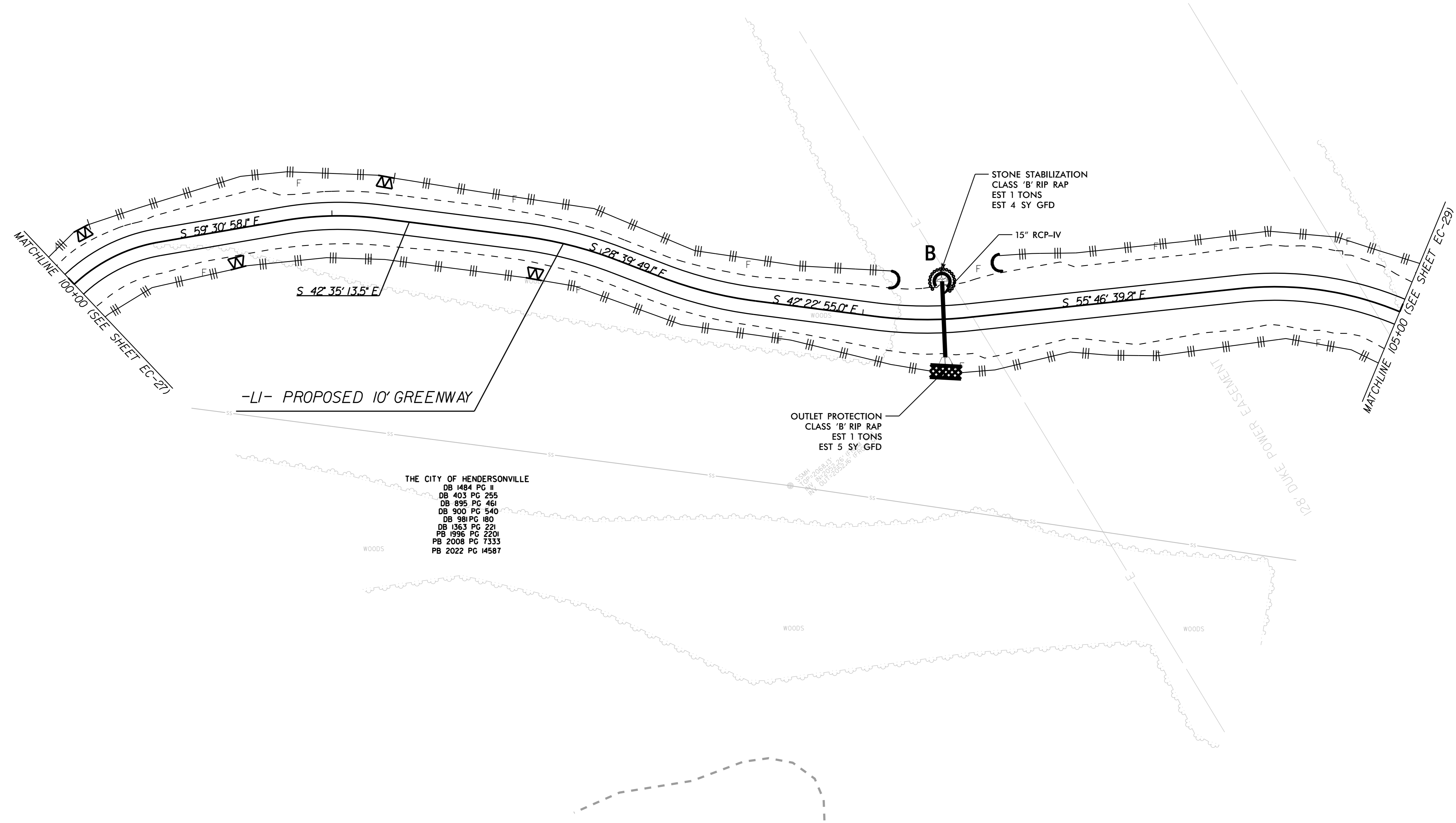


THE CITY OF HENDERSONVILLE  
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 DB 981 PG 180  
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 PB 2008 PG 1333  
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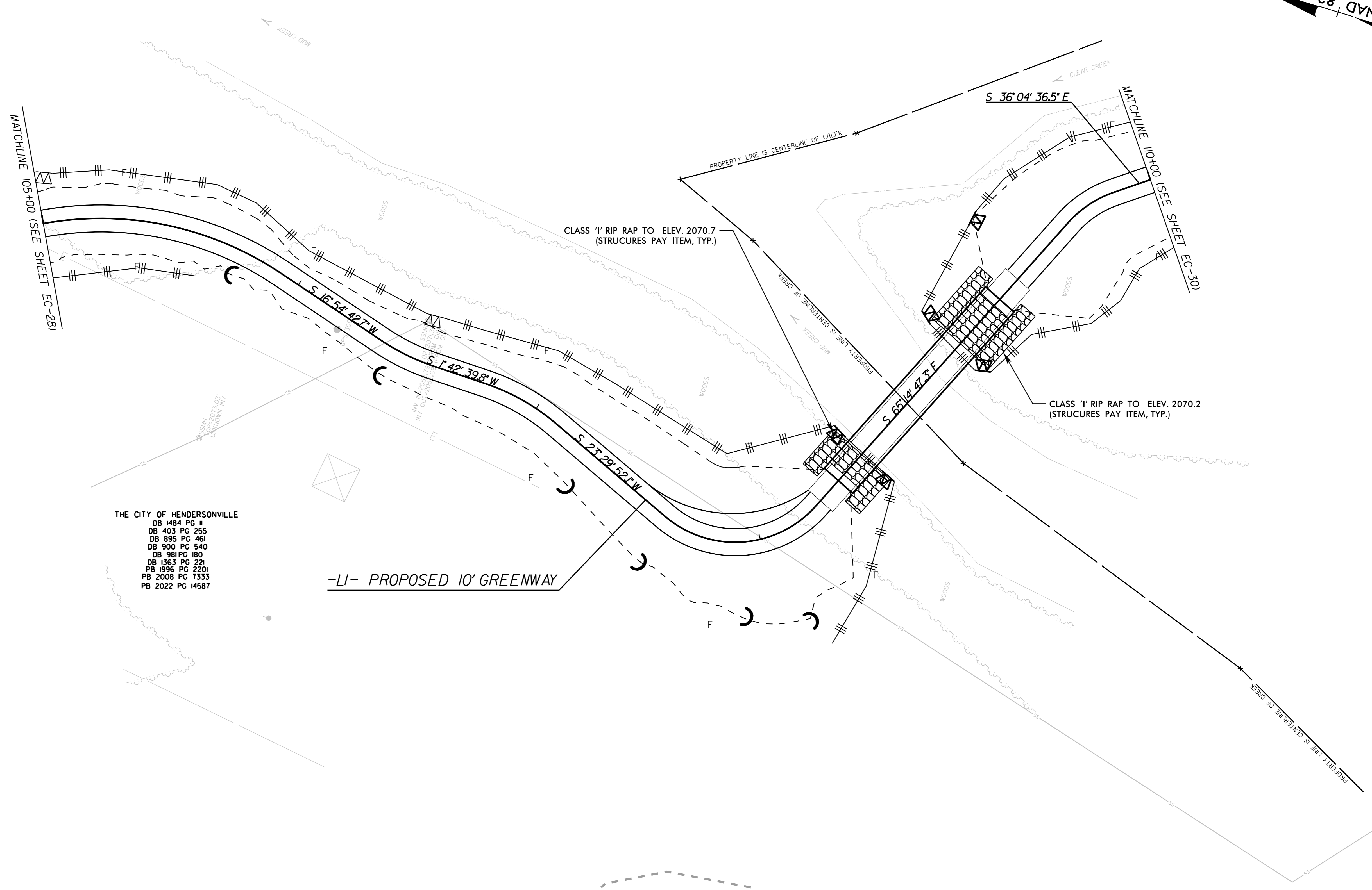
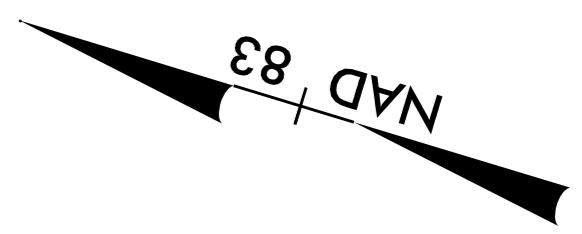
-LI- PROPOSED 10' GREENWAY



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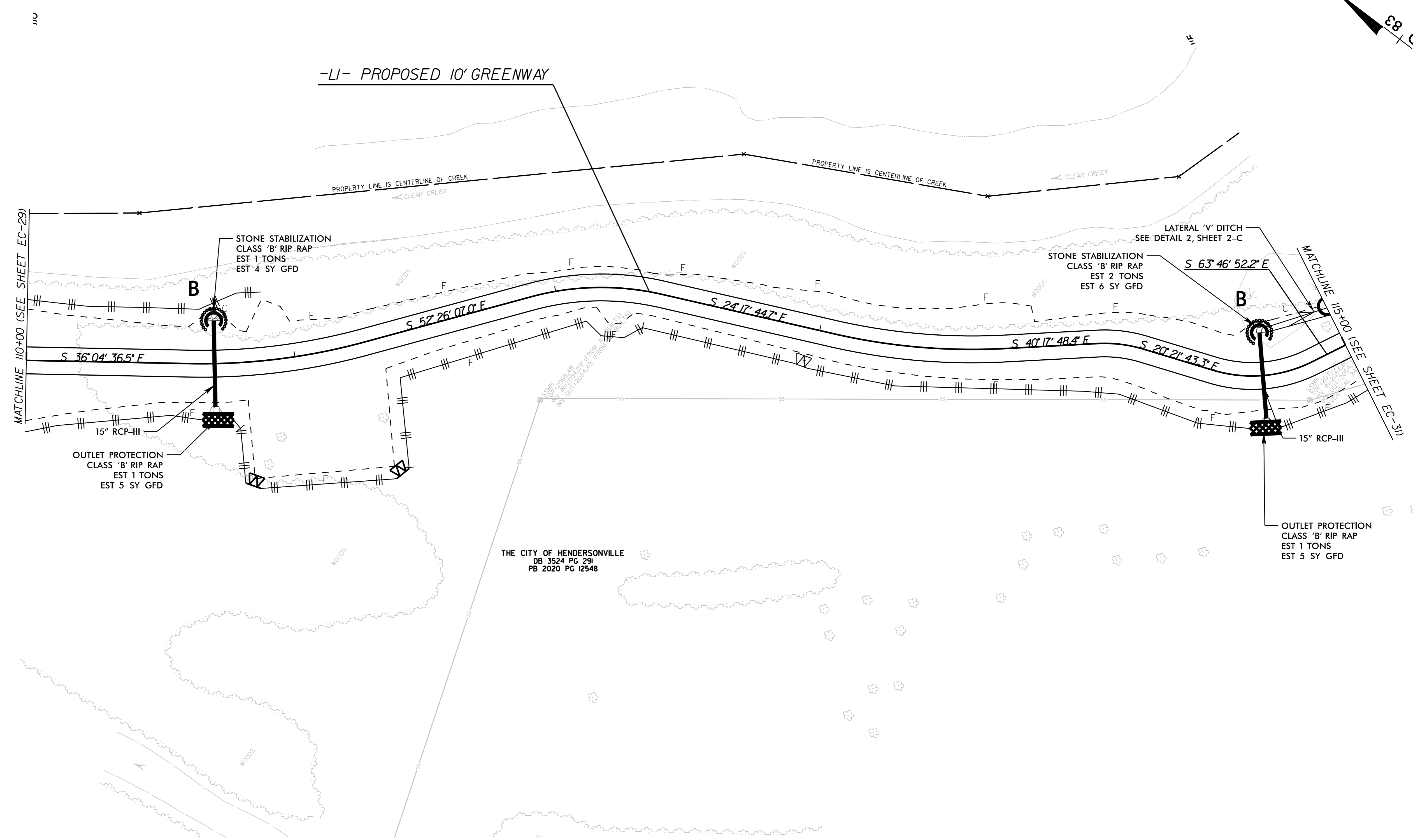
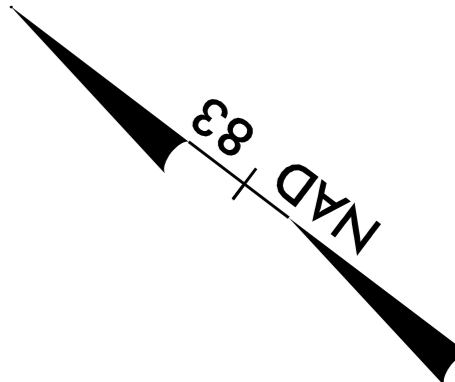


3



THE CITY OF HENDERSONVILLE  
 DB 1484 PG II  
 DB 403 PG 255  
 DB 895 PG 461  
 DB 900 PG 540  
 DB 981 PG 180  
 DB 1363 PG 221  
 PB 1996 PG 2201  
 PB 2008 PG 7333  
 PB 2022 PG 14587

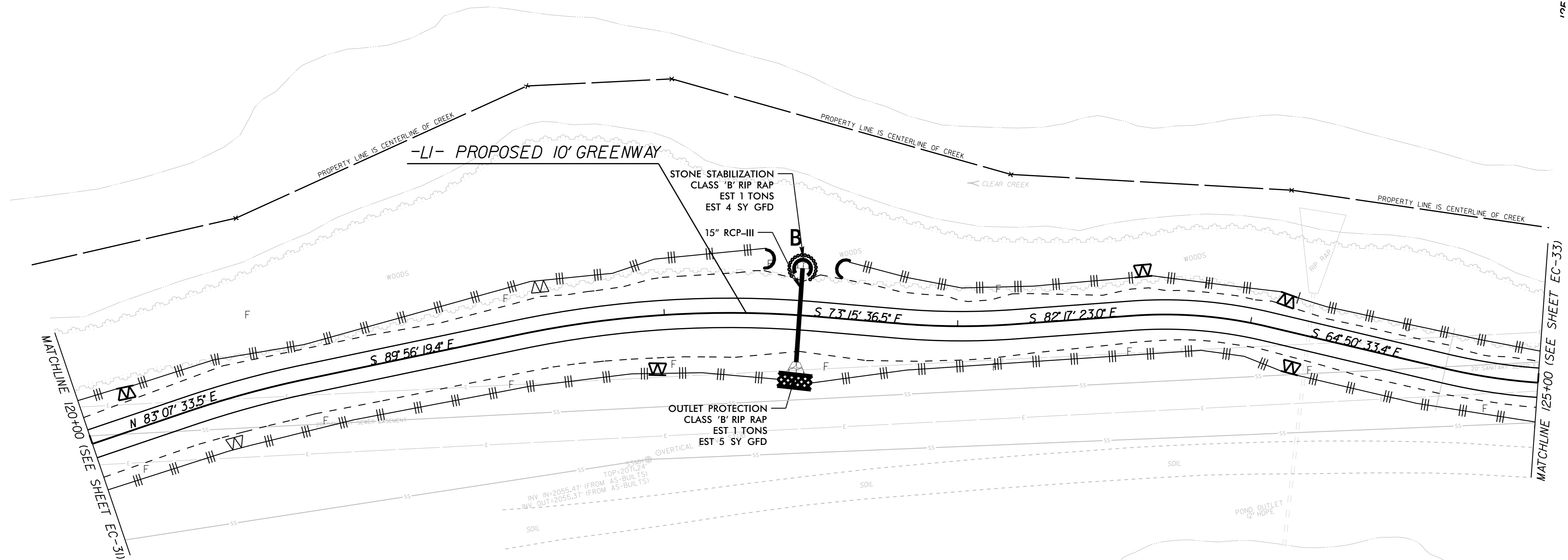
-LI- PROPOSED 10' GREENWAY



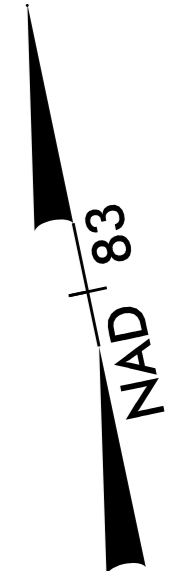
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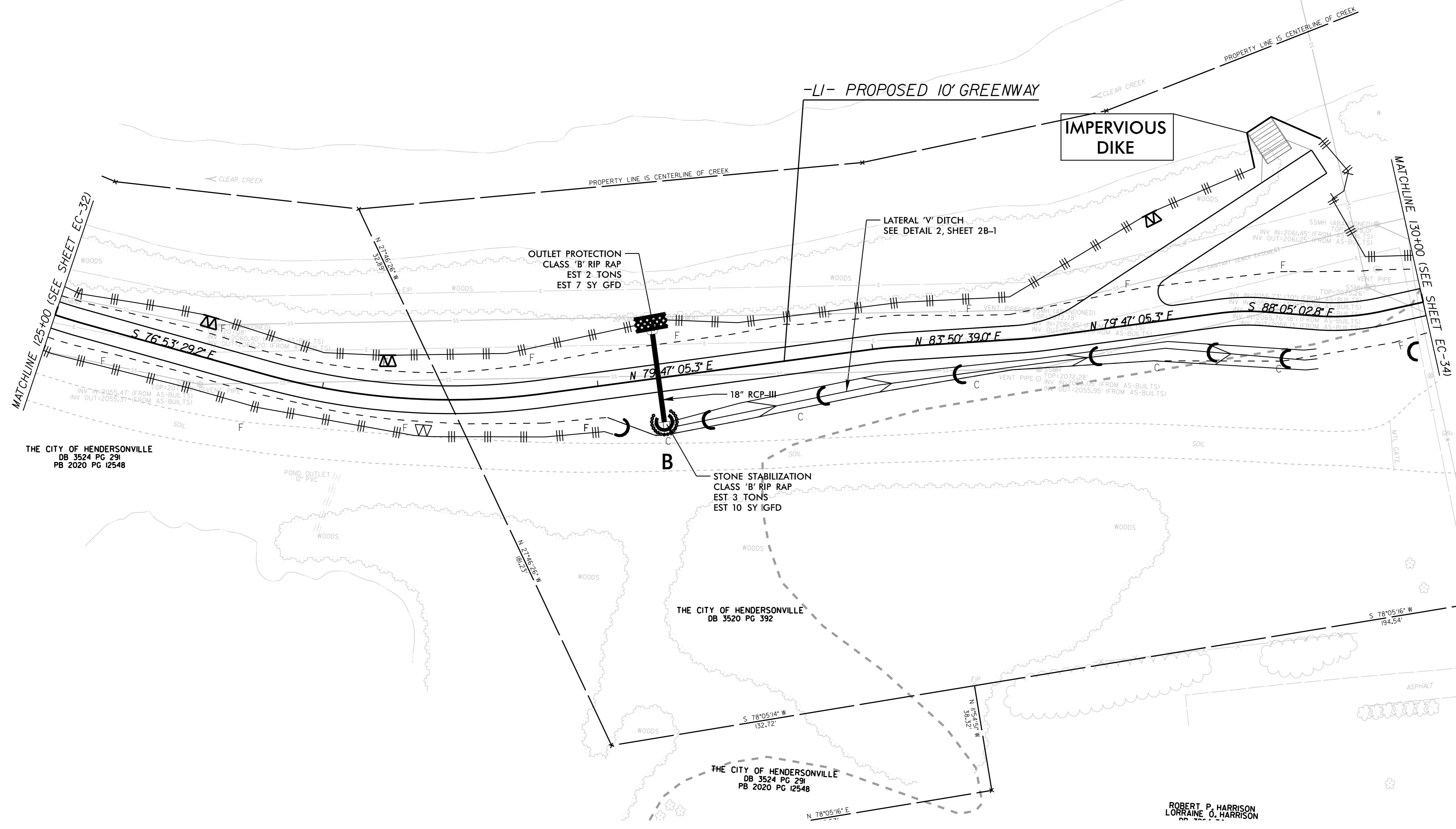
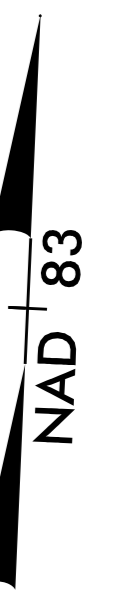


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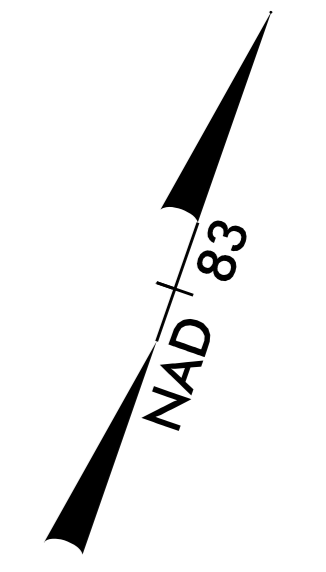
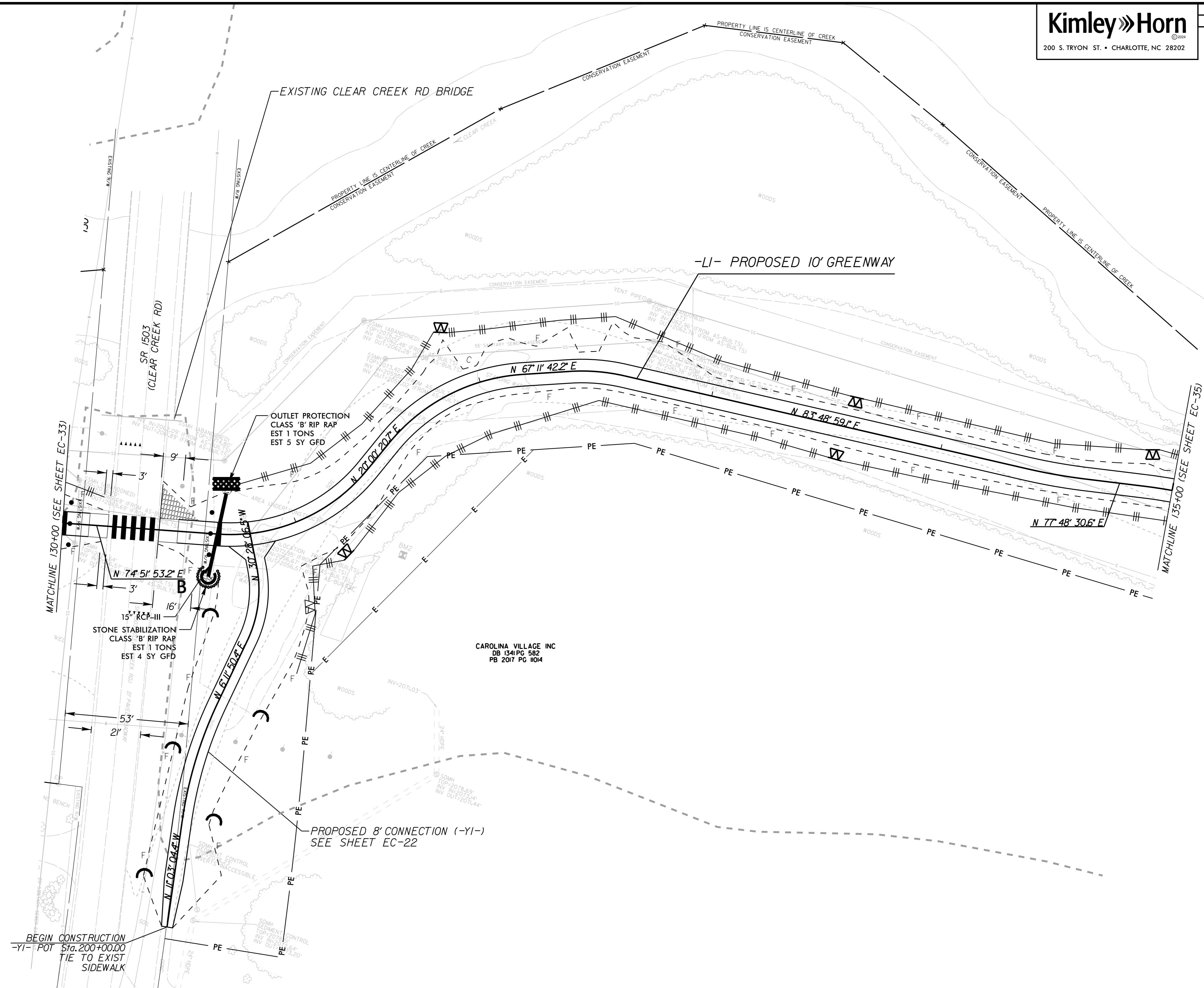


THE CITY OF HENDERSONVILLE  
 DB 3524 PG 291  
 PB 2020 PG 12548



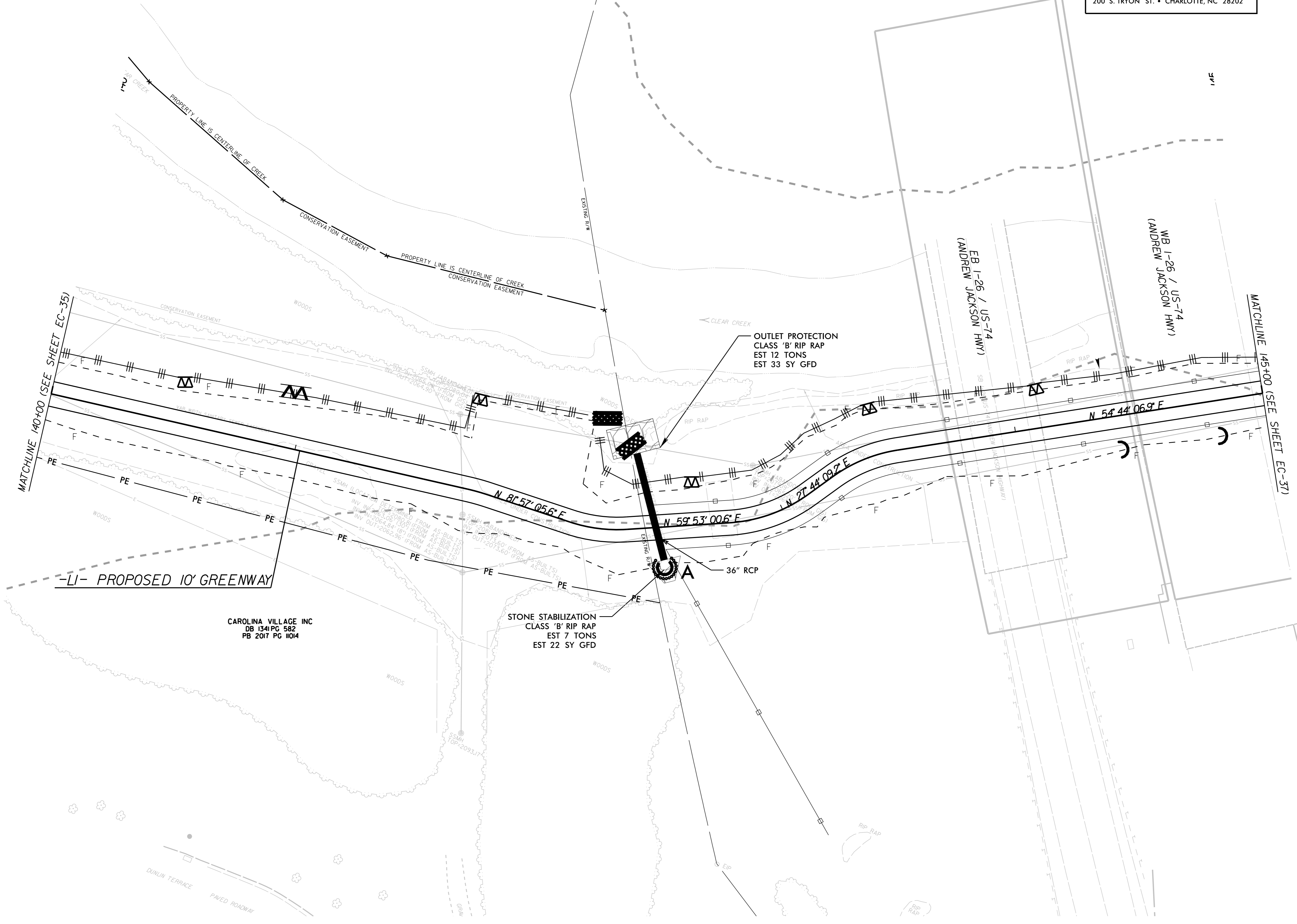


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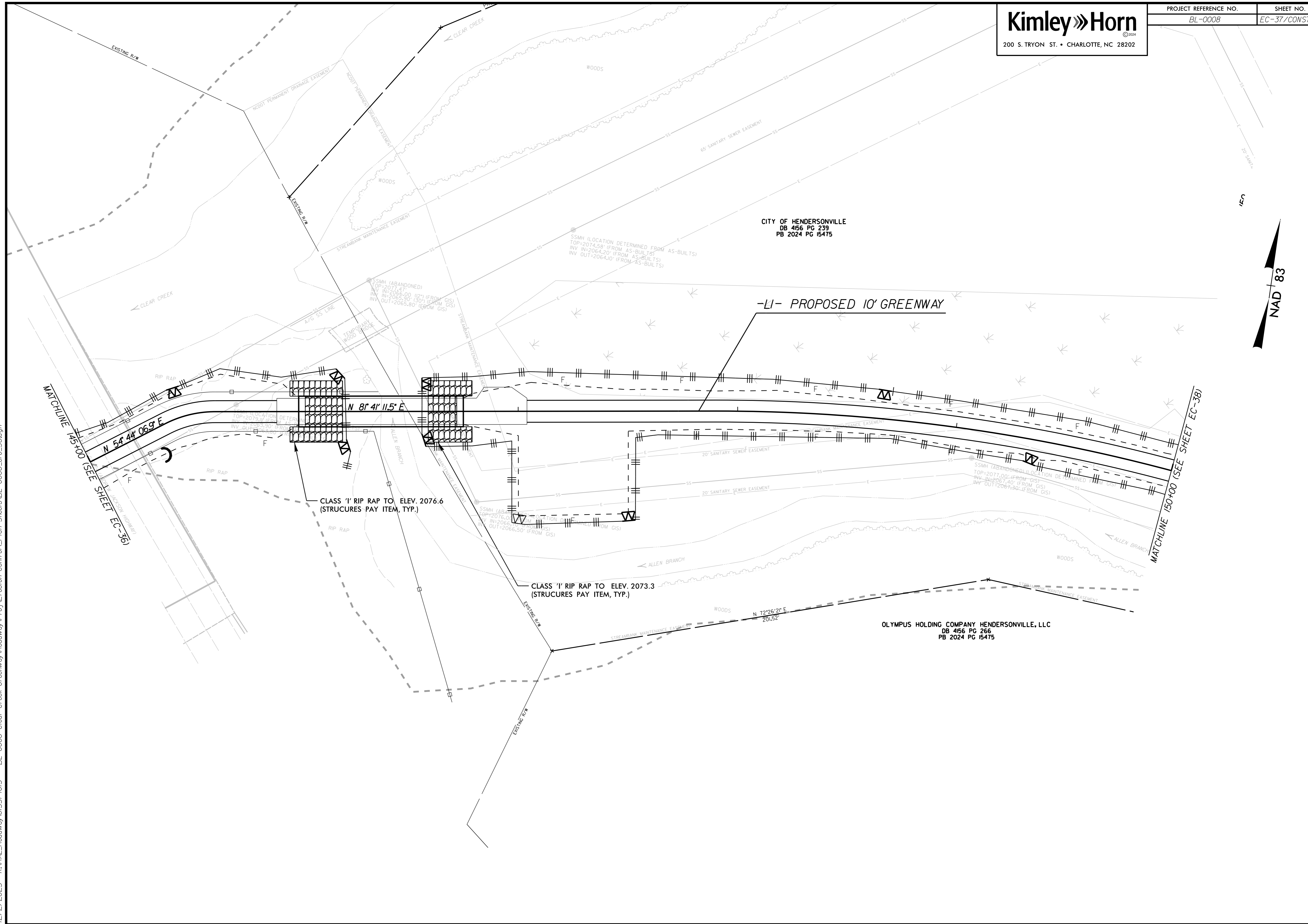
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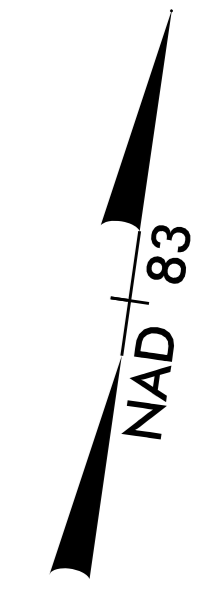
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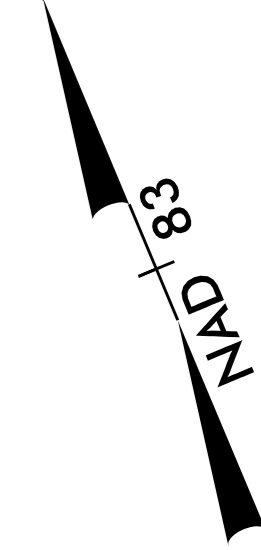
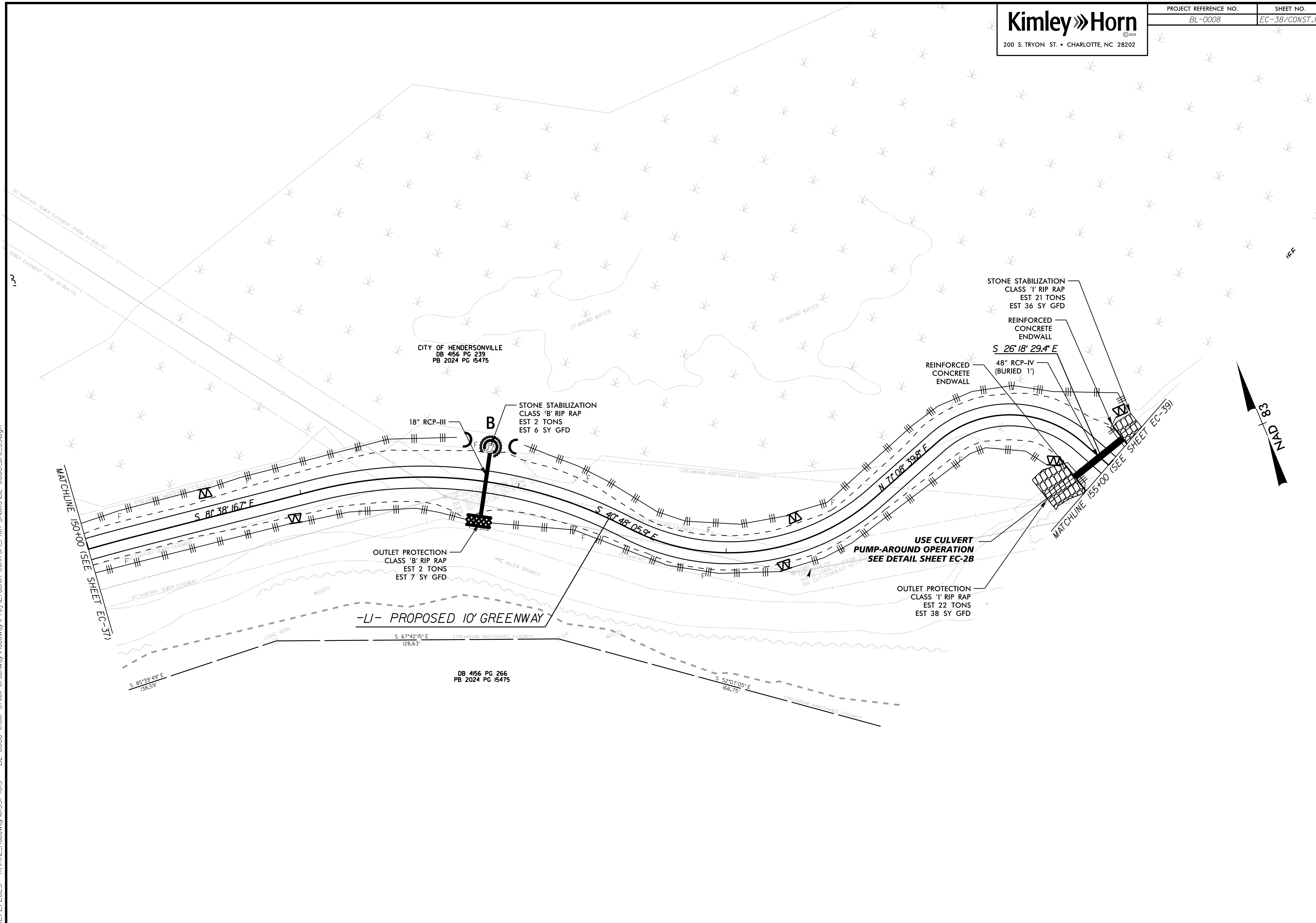


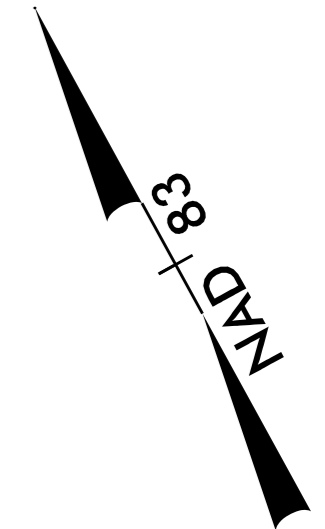
CITY OF HENDERSONVILLE  
 DB 4156 PG 239  
 PB 2024 PG 15475

OLYMPUS HOLDING COMPANY HENDERSONVILLE, LLC  
 DB 4156 PG 266  
 PB 2024 PG 15475



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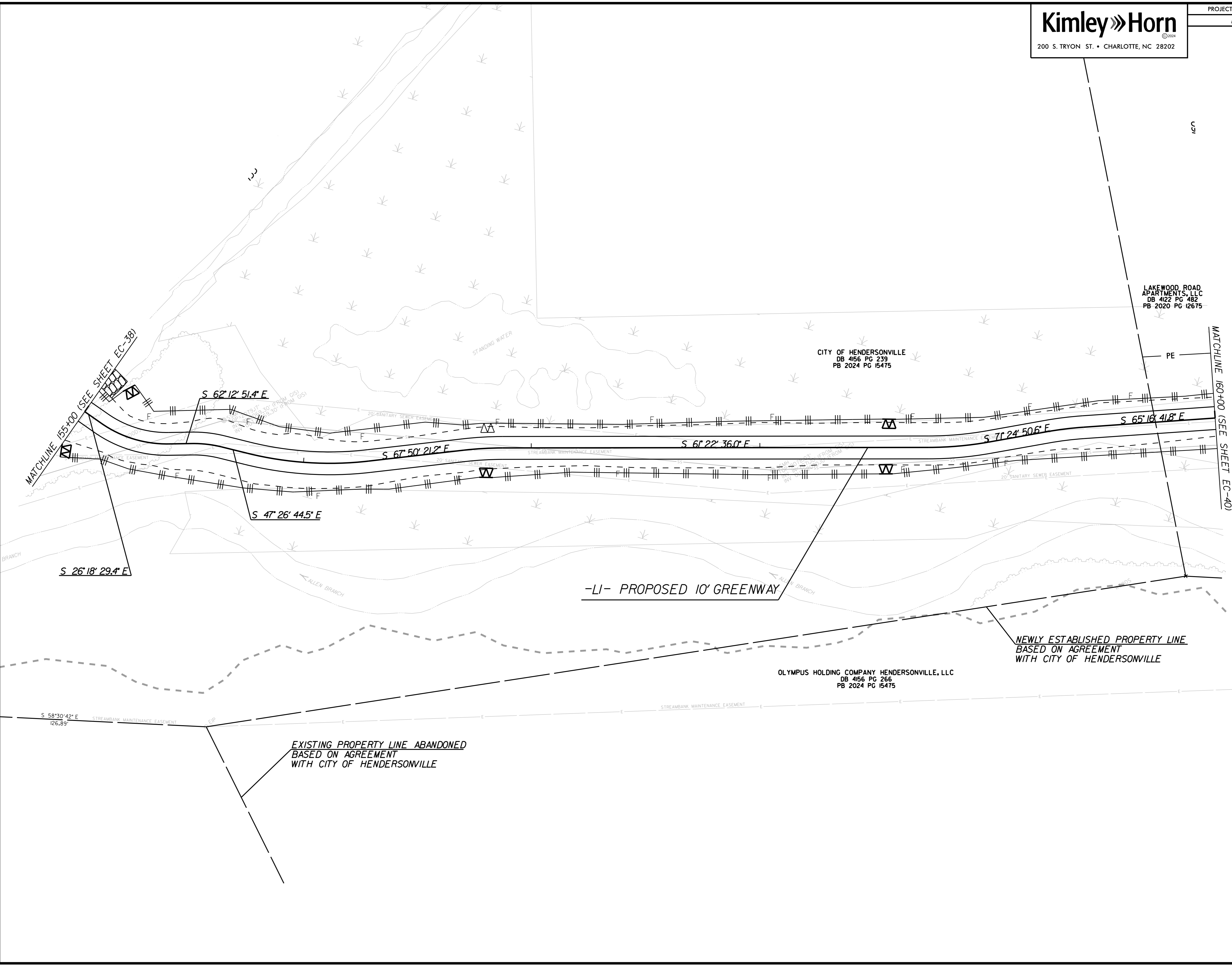




LAKEWOOD ROAD APARTMENTS, LLC  
 DB 422 PG 482  
 PB 2020 PG 12675

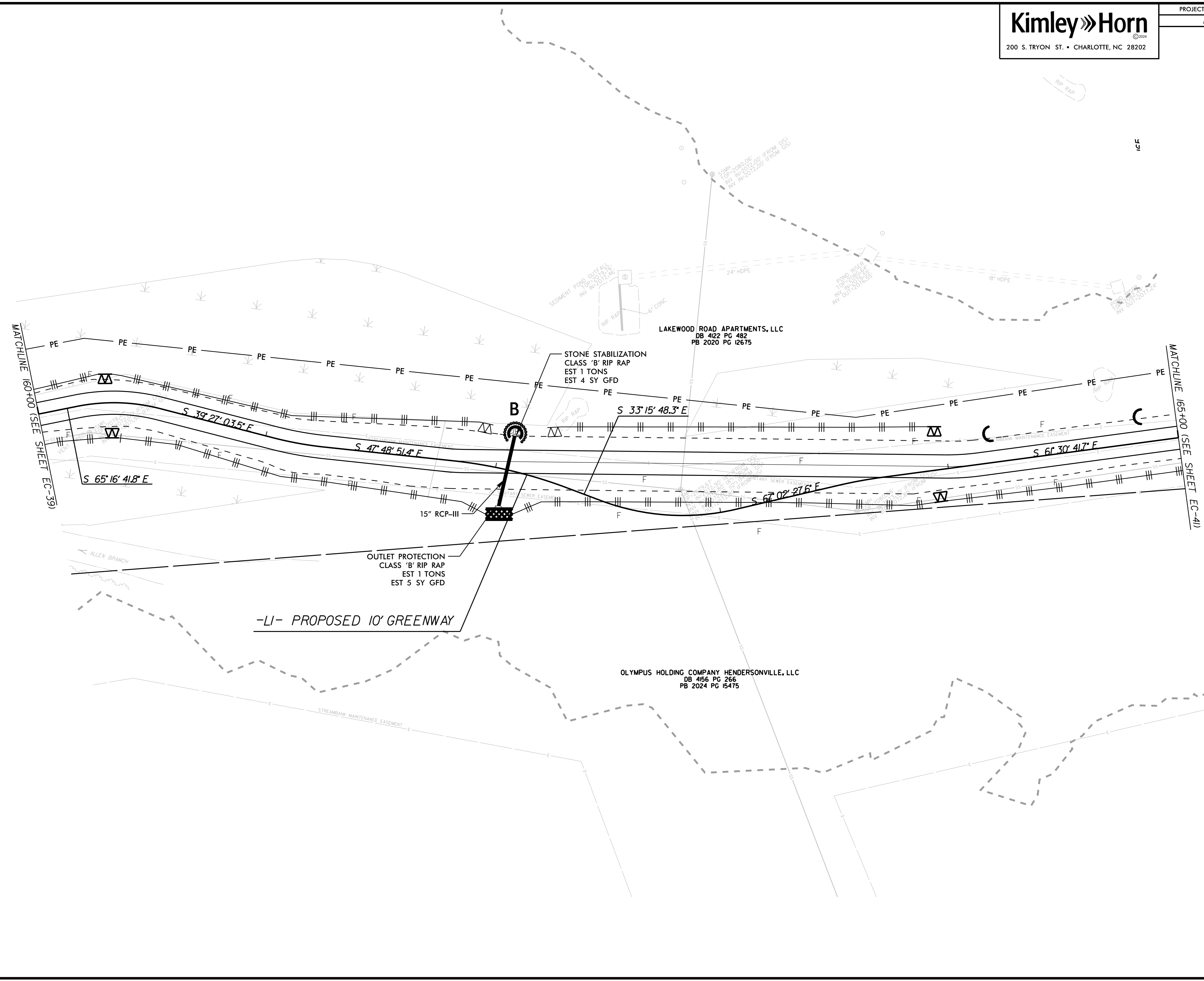
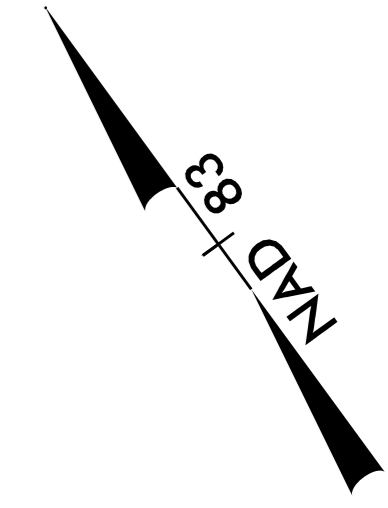
CITY OF HENDERSONVILLE  
 DB 456 PG 239  
 PB 2024 PG 15475

OLYMPUS HOLDING COMPANY HENDERSONVILLE, LLC  
 DB 456 PG 266  
 PB 2024 PG 15475



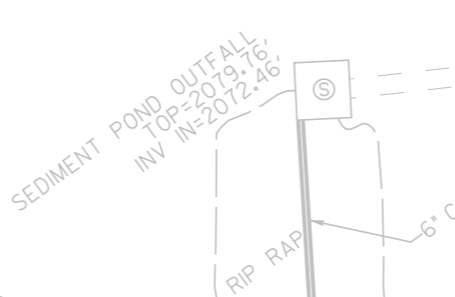
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103



MATCHLINE 160+00 (SEE SHEET EC-39)

MATCHLINE 165+00 (SEE SHEET EC-41)



LAKWOOD ROAD APARTMENTS, LLC  
 DB 4122 PG 482  
 PB 2020 PG 12675

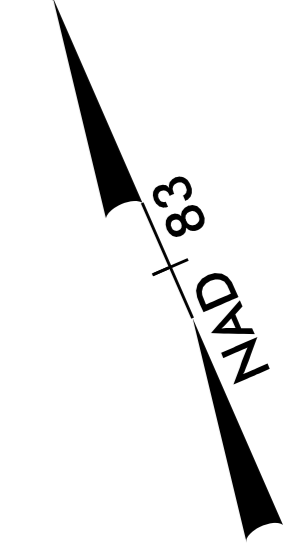
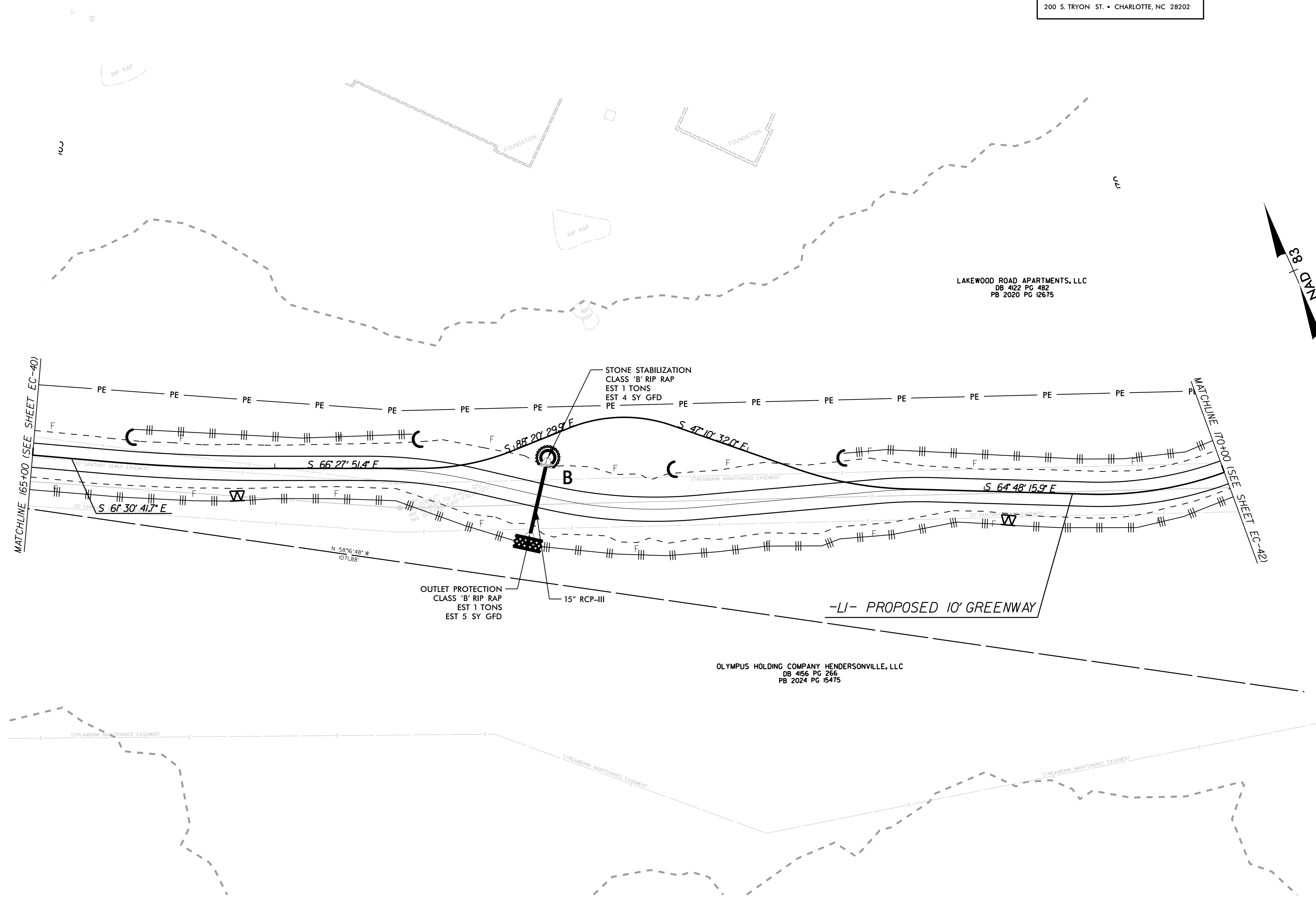
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 PB 2024 PG 15475

-LI- PROPOSED 10' GREENWAY

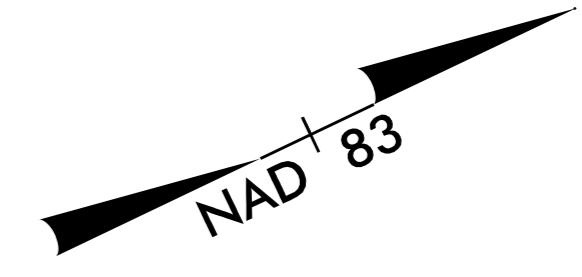
OUTLET PROTECTION  
 CLASS 'B' RIP RAP  
 EST 1 TONS  
 EST 5 SY GFD

STONE STABILIZATION  
 CLASS 'B' RIP RAP  
 EST 1 TONS  
 EST 4 SY GFD

12/2/2025 K:\RAL\_Roadway\0155740\3 - BL-0008 Clear Creek Greenway\Roadway\Proj\Erosion Control\Plan Sheets\BL-0008\_ero\_41.dgn



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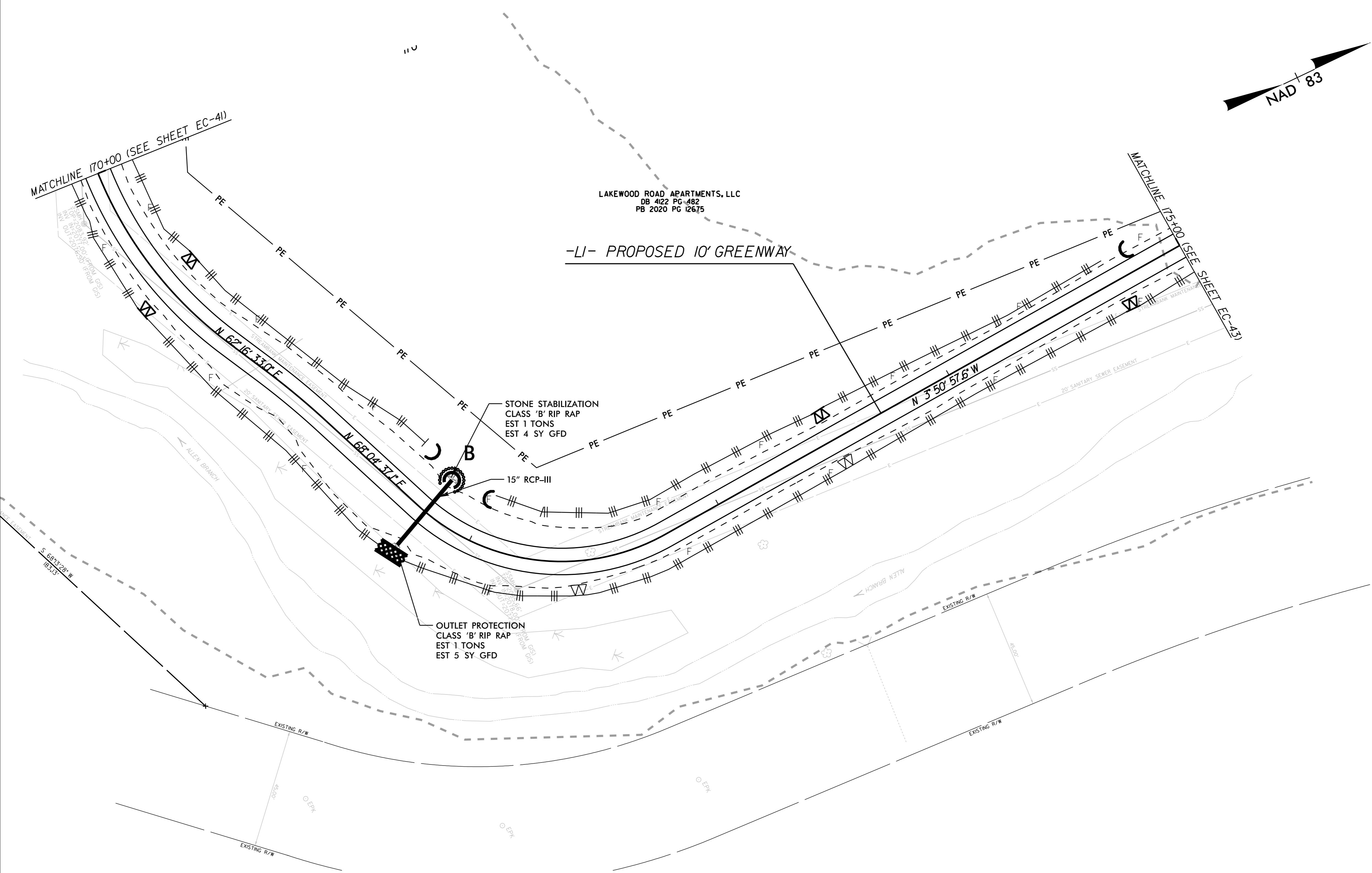


LAKWOOD ROAD APARTMENTS, LLC  
 DB 4122 PG 482  
 PB 2020 PG 12675

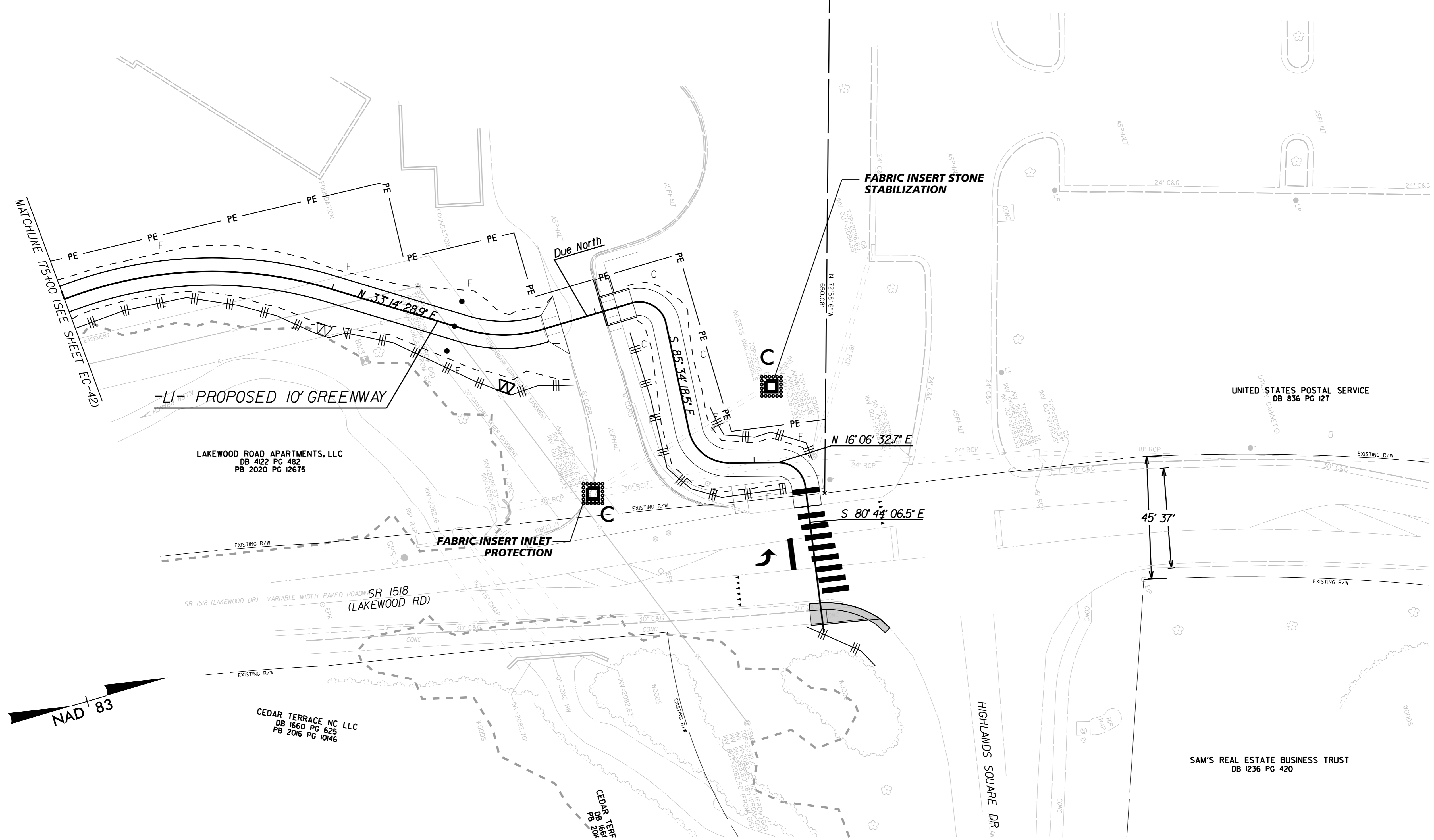
-LI- PROPOSED 10' GREENWAY

MATCHLINE 170+00 (SEE SHEET EC-41)

MATCHLINE 175+00 (SEE SHEET EC-43)



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# STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

## SIGNING PLAN HENDERSON COUNTY

**LOCATION: CROSSINGS AT CLEAR CREEK ROAD  
AND LAKEWOOD RD**

### ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL SUPPORTS
1205.07	PEDESTRIAN CROSSWALKS

### GENERAL NOTES

- A) ALL EXISTING STREET PUBLIC SIGNS THAT ARE NOT IMPACTED WITHIN THE PROJECT LIMITS SHALL BE RETAINED UNLESS OTHERWISE NOTED.
- B) ALL EXISTING PUBLIC SIGNS THAT ARE IMPACTED WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND RESET UNLESS OTHERWISE NOTED.
- C) WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- D) THE BACKGROUND FOR TYPE D & E SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.
- F) WHEN NOT STATIONED ON THE PLANS, ALL "E" SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER.
- G) ALL SIGNS, UNLESS OTHERWISE NOTED, SHALL BE CONSIDERED TYPE "E", GROUND-MOUNTED SIGNS.

### SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4025000000	901	CONTRACTOR FURNISHED, TYPE E SIGN	160	S.F.
4078000000	903	SUPPORTS, 2-LB STEEL U-CHANNEL	31	EA.
4102000000	903	SIGN ERECTION, TYPE E	31	EA.
4116100000	904	SIGN ERECTION, RELOCATE TYPE E (GROUND MOUNTED)	1	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	2	EA.

### INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2 THRU SIGN-5	PROPOSED SIGNING PLAN SHEETS

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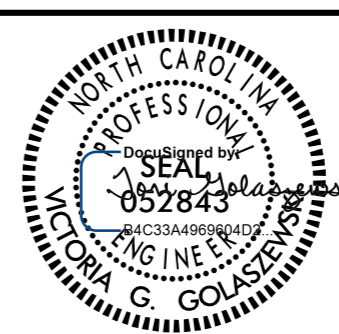
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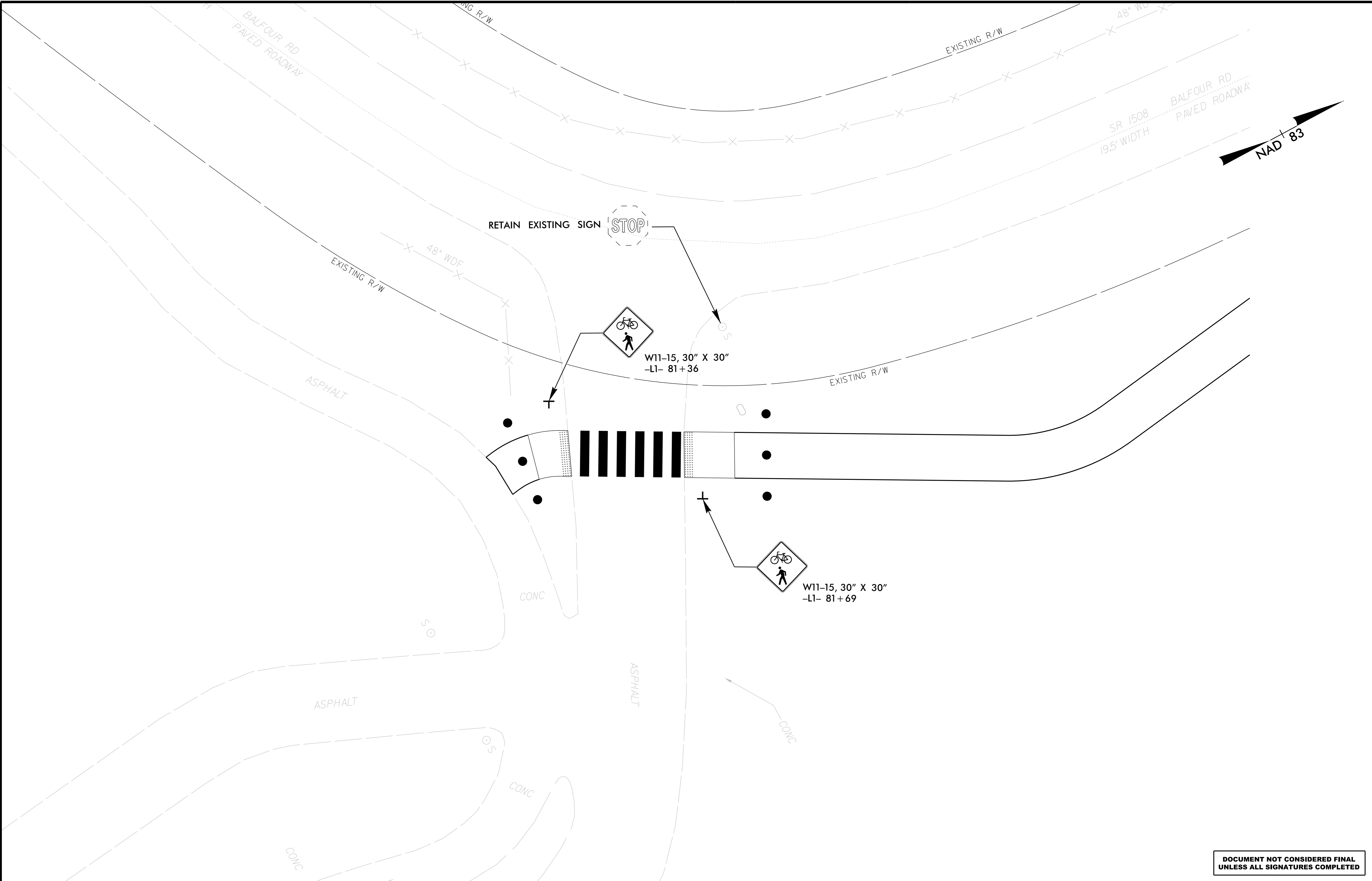
PROJECT:

CLEAR CREEK GREENWAY

JOB NUMBER: 015574013	SHEET NUMBER: SIGN-1
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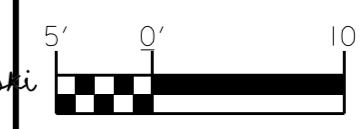
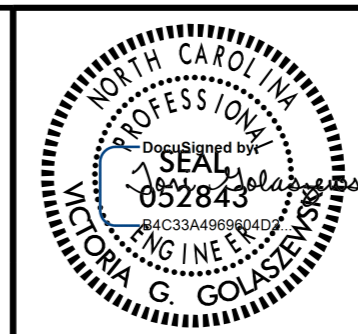
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PROJECT:	CLEAR CREEK GREENWAY	
JOB NUMBER:	015574013	SHEET NUMBER: SIGN-2

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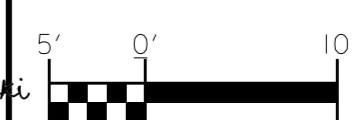
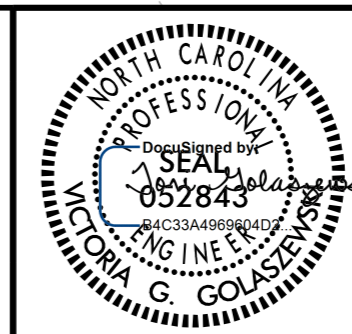
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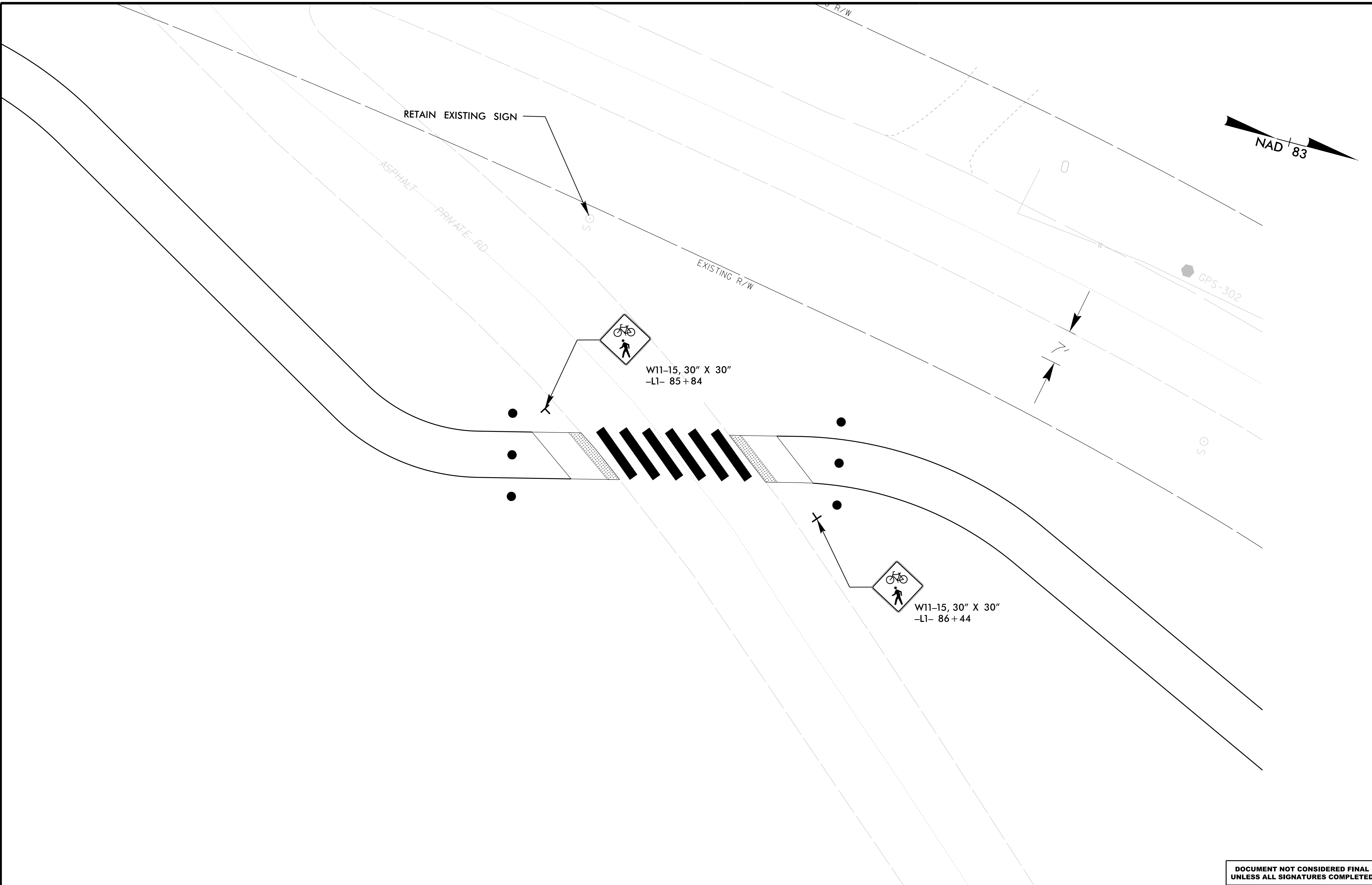
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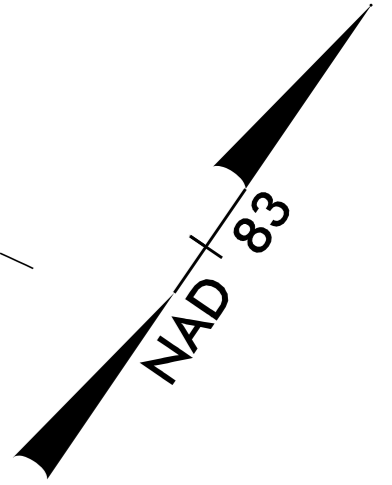
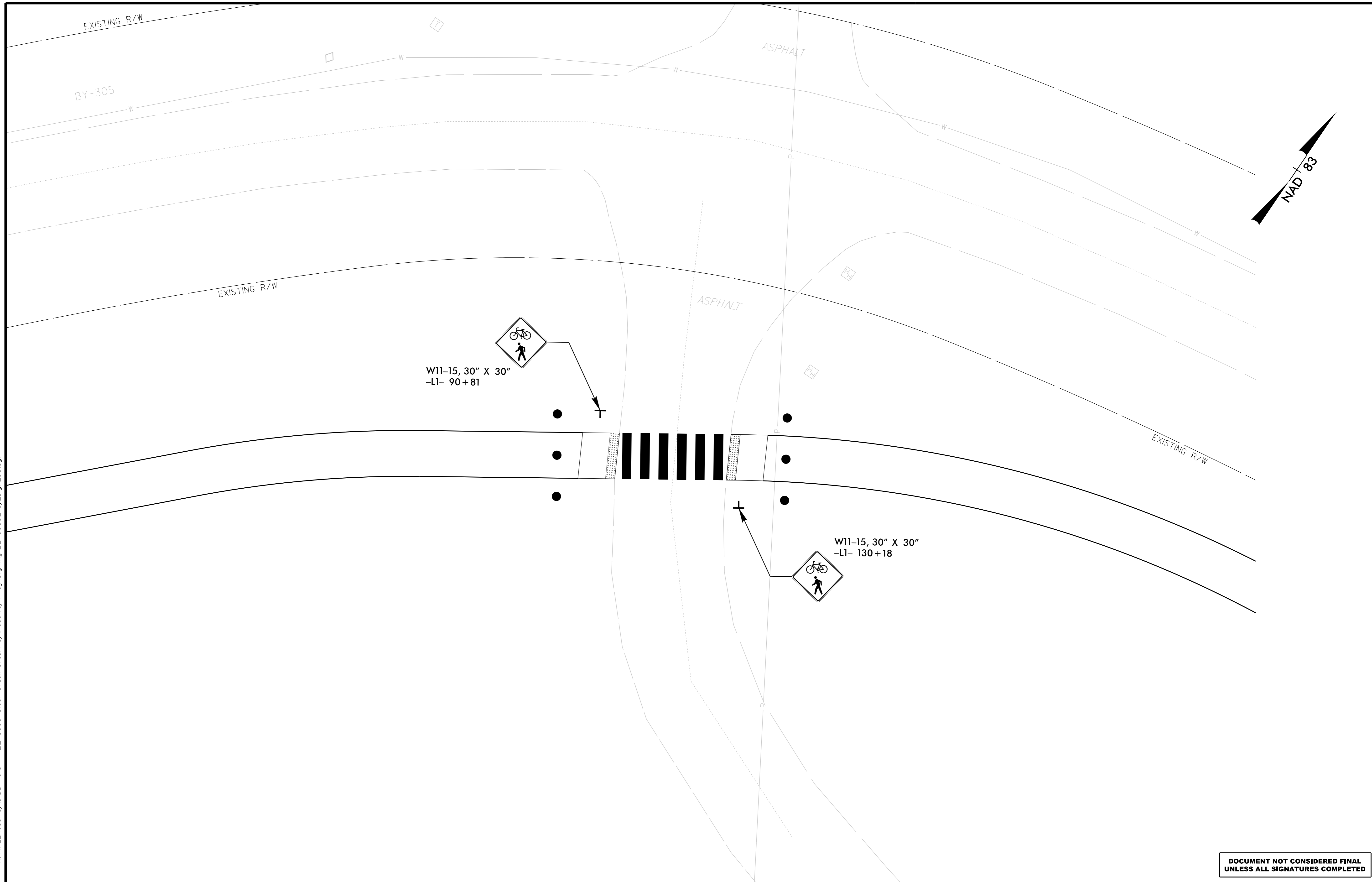
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JOB NUMBER:	015574013	SHEET NUMBER: SIGN-3

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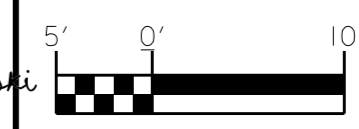
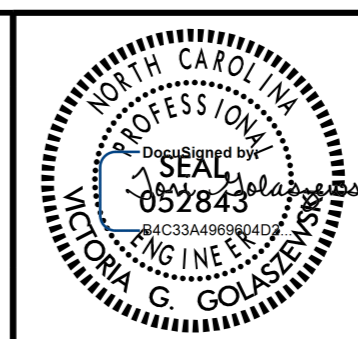
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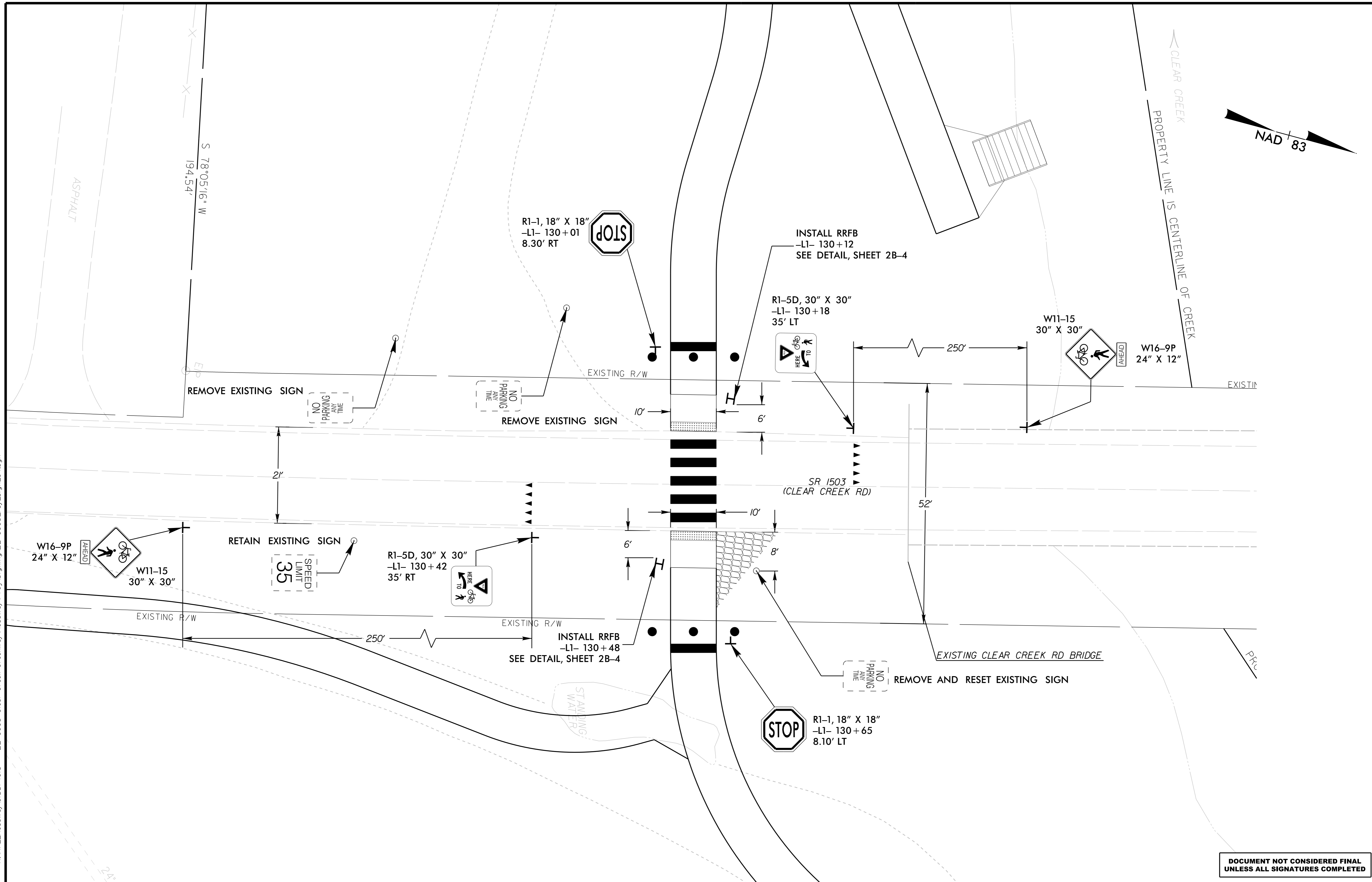
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PROJECT:	<b>CLEAR CREEK GREENWAY</b>	
JOB NUMBER:	015574013	SHEET NUMBER: SIGN-4

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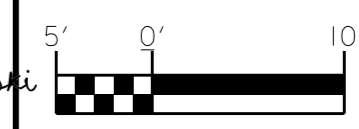
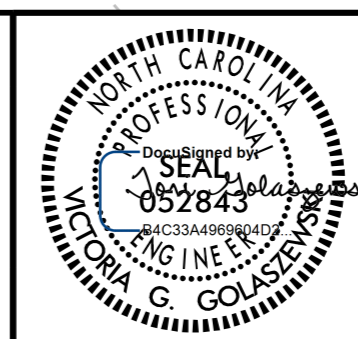
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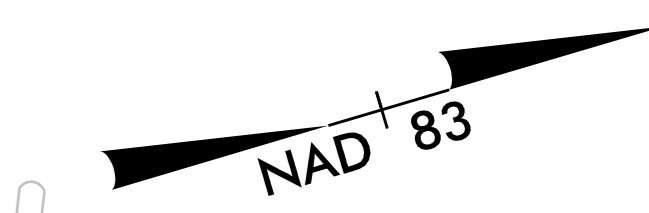
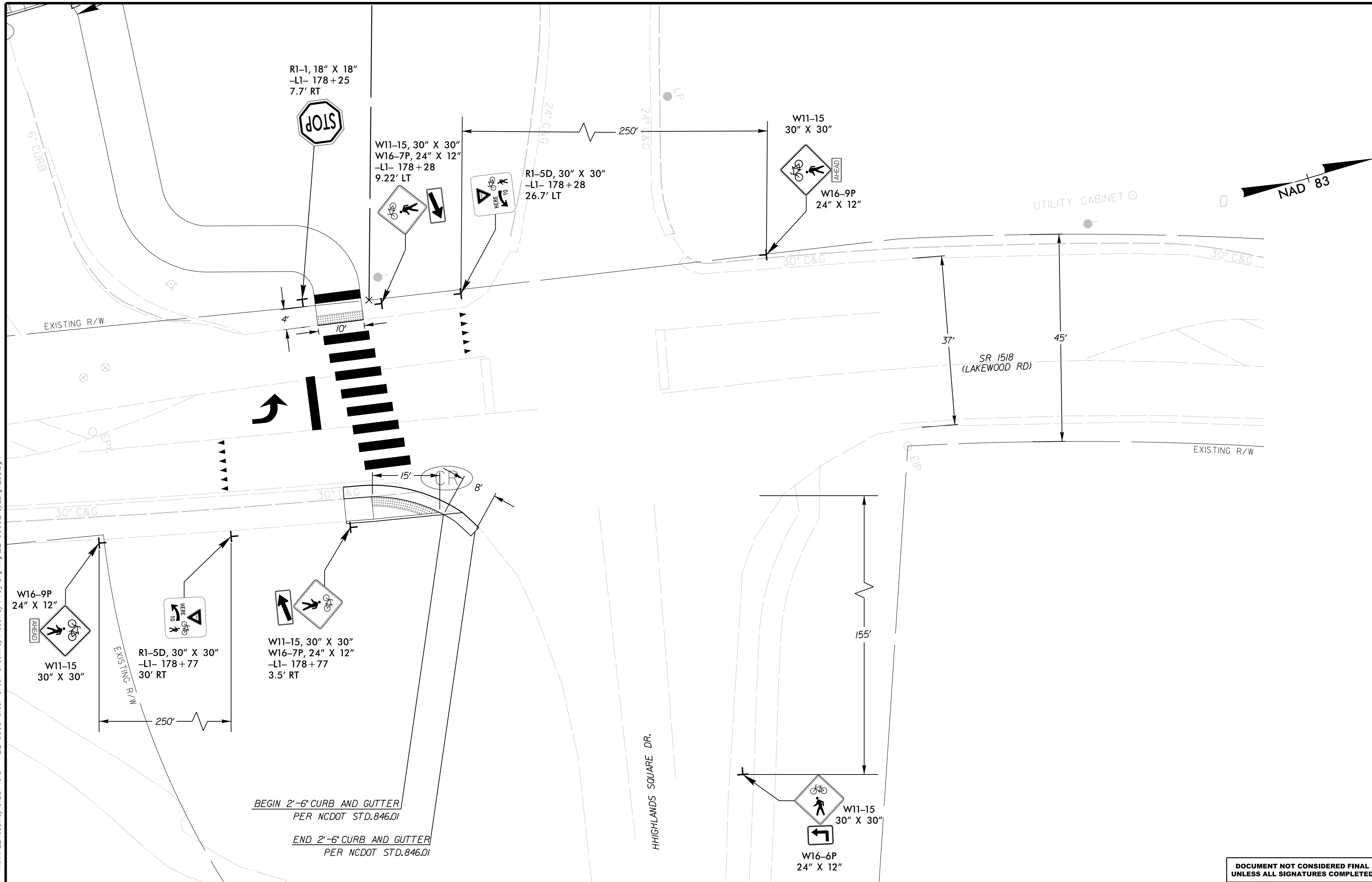
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PROJECT: **CLEAR CREEK GREENWAY**

JOB NUMBER: 015574013      SHEET NUMBER: SIGN-5

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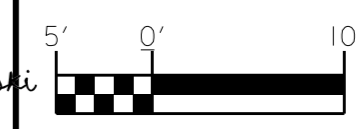
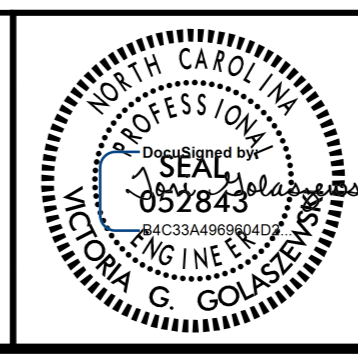
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PROJECT:	<b>CLEAR CREEK GREENWAY</b>	
JOB NUMBER:	015574013	SHEET NUMBER: SIGN-6