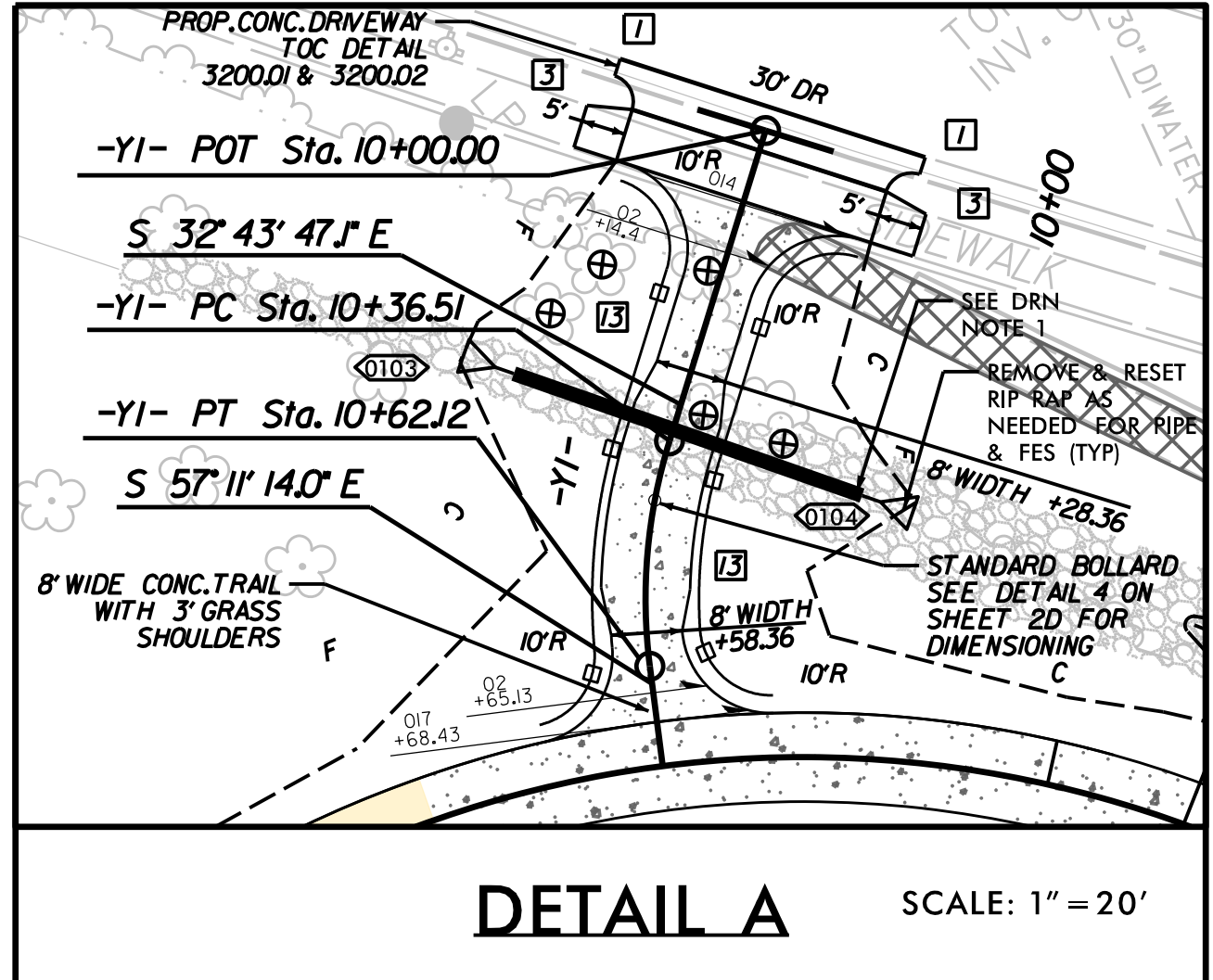
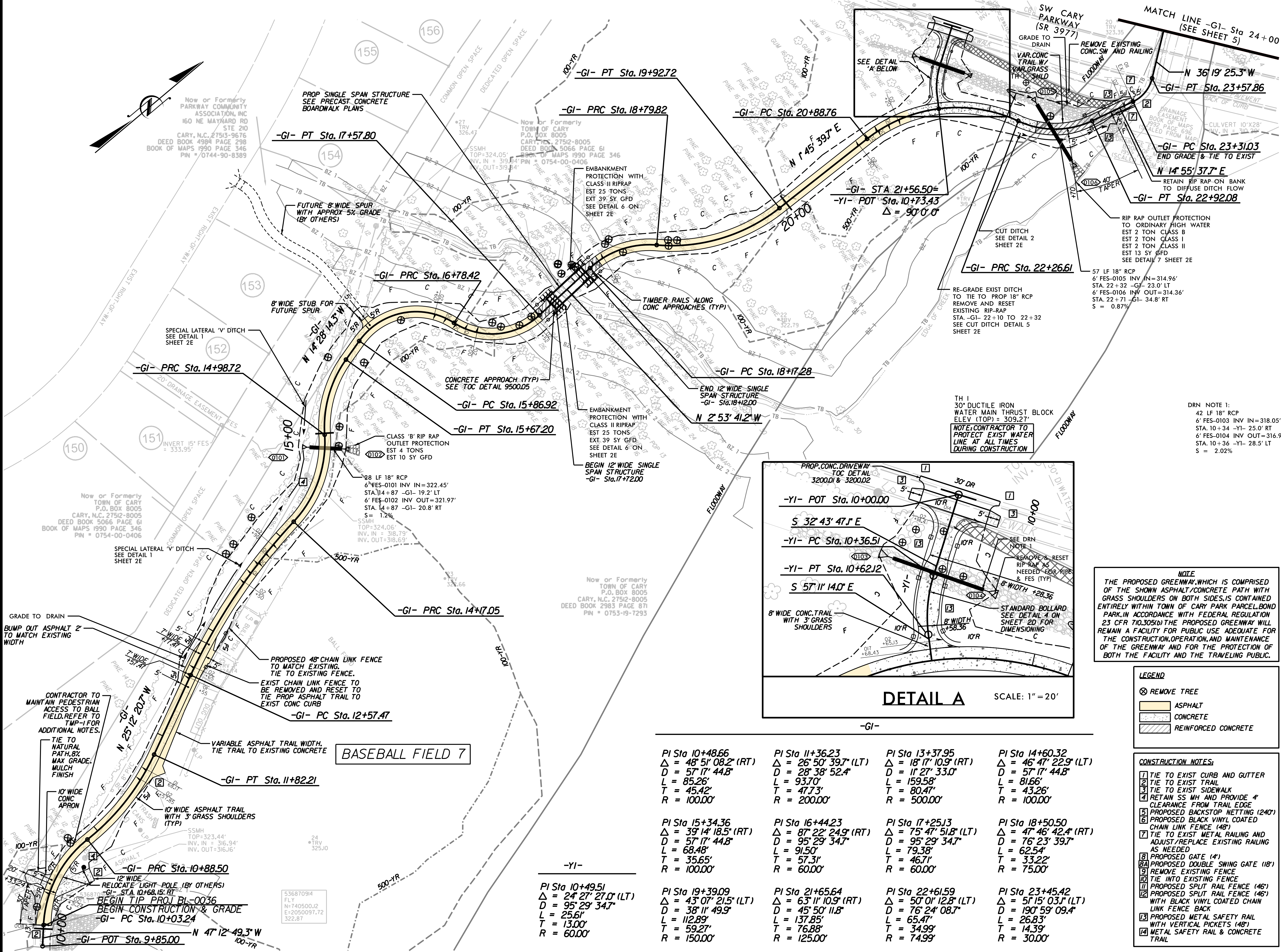


Now or Formerly  
TOWN OF CARY  
P.O. BOX 8005  
CARY, N.C. 27513-9676  
DEED BOOK 4984 PAGE 298  
BOOK OF MAPS 1990 PAGE 346  
PIN # 0744-90-8389

Now or Formerly  
TOWN OF CARY  
P.O. BOX 8005  
CARY, N.C. 27512-8005  
DEED BOOK 5066 PAGE 61  
BOOK OF MAPS 1990 PAGE 346  
PIN # 0754-00-0406

Now or Formerly  
TOWN OF CARY  
P.O. BOX 8005  
CARY, N.C. 27512-8005  
DEED BOOK 2983 PAGE 871  
PIN # 0753-19-7293



**DETAIL A** SCALE: 1" = 20'

<p>PI Sta 10+48.66 Δ = 48' 51" 08.2" (RT) D = 57' 17" 44.8" L = 85.26' T = 45.42' R = 100.00'</p>	<p>PI Sta 11+36.23 Δ = 26' 50" 39.7" (LT) D = 28' 38" 52.4" L = 93.70' T = 47.73' R = 200.00'</p>	<p>PI Sta 13+37.95 Δ = 18' 17" 10.9" (RT) D = 11' 27" 33.0" L = 159.58' T = 80.47' R = 500.00'</p>	<p>PI Sta 14+60.32 Δ = 46' 47" 22.9" (LT) D = 57' 17" 44.8" L = 81.66' T = 43.26' R = 100.00'</p>
<p>PI Sta 15+34.36 Δ = 39' 14" 18.5" (RT) D = 57' 17" 44.8" L = 68.48' T = 35.65' R = 100.00'</p>	<p>PI Sta 16+44.23 Δ = 87' 22" 24.9" (RT) D = 95' 29" 34.7" L = 91.50' T = 57.31' R = 60.00'</p>	<p>PI Sta 17+25.13 Δ = 75' 47" 51.8" (LT) D = 95' 29" 34.7" L = 79.38' T = 46.71' R = 60.00'</p>	<p>PI Sta 18+50.50 Δ = 47' 46" 42.4" (RT) D = 76' 23" 39.7" L = 62.54' T = 33.22' R = 75.00'</p>
<p>PI Sta 10+49.51 Δ = 24' 27" 27.0" (LT) D = 95' 29" 34.7" L = 25.61' T = 13.00' R = 60.00'</p>	<p>PI Sta 19+39.09 Δ = 43' 07" 21.5" (LT) D = 38' 11" 49.9" L = 112.89' T = 59.27' R = 150.00'</p>	<p>PI Sta 21+65.64 Δ = 63' 11" 10.9" (RT) D = 45' 50" 11.8" L = 137.85' T = 76.88' R = 125.00'</p>	<p>PI Sta 22+61.59 Δ = 50' 01" 12.8" (LT) D = 76' 24" 08.7" L = 65.47' T = 34.99' R = 74.99'</p>

DRN NOTE 1:  
42 LF 18" RCP  
6' FES-0103 INV IN=318.05'  
STA. 10+34 -YI- 25.0' RT  
6' FES-0104 INV OUT=316.96'  
STA. 10+36 -YI- 28.5' LT  
S = 2.02%

**NOTE**  
THE PROPOSED GREENWAY, WHICH IS COMPRISED OF THE SHOWN ASPHALT/CONCRETE PATH WITH GRASS SHOULDERS ON BOTH SIDES, IS CONTAINED ENTIRELY WITHIN TOWN OF CARY PARK PARCEL, BOND PARK, IN ACCORDANCE WITH FEDERAL REGULATION 23 CFR 710.305(d) THE PROPOSED GREENWAY WILL REMAIN A FACILITY FOR PUBLIC USE ADEQUATE FOR THE CONSTRUCTION, OPERATION, AND MAINTENANCE OF THE GREENWAY AND FOR THE PROTECTION OF BOTH THE FACILITY AND THE TRAVELING PUBLIC.

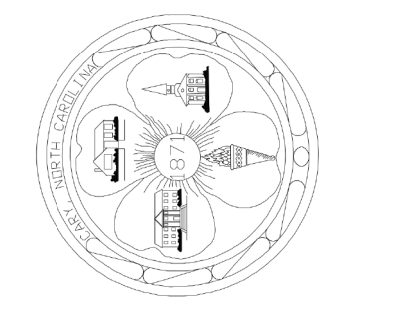
**LEGEND**

	REMOVE TREE
	ASPHALT
	CONCRETE
	REINFORCED CONCRETE

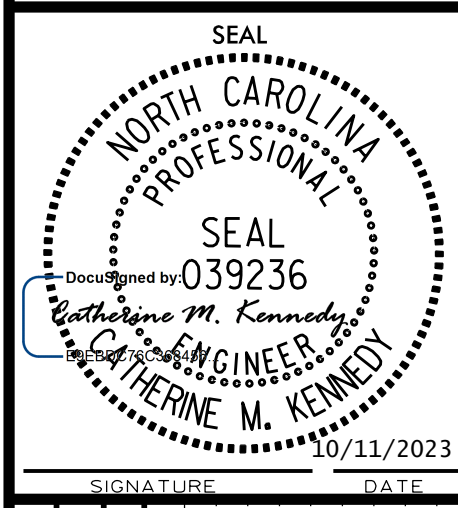
- CONSTRUCTION NOTES:**
- TIE TO EXIST CURB AND GUTTER
  - TIE TO EXIST TRAIL
  - TIE TO EXIST SIDEWALK
  - RETAIN SS MH AND PROVIDE 4' CLEARANCE FROM TRAIL EDGE
  - PROPOSED BACKSTOP NETTING (240')
  - PROPOSED BLACK VINYL COATED CHAIN LINK FENCE (48')
  - TIE TO EXIST METAL RAILING AND ADJUST/REPLACE EXISTING RAILING AS NEEDED
  - PROPOSED GATE (4')
  - PROPOSED DOUBLE SWING GATE (18')
  - REMOVE EXISTING FENCE
  - TIE INTO EXISTING FENCE
  - PROPOSED SPLIT RAIL FENCE (46')
  - PROPOSED SPLIT RAIL FENCE (46') WITH BLACK VINYL COATED CHAIN LINK FENCE BACK
  - PROPOSED METAL SAFETY RAIL WITH VERTICAL PICKETS (48')
  - METAL SAFETY RAIL & CONCRETE TRAIL

**EXULT ENGINEERING**  
NC License #C-4445  
304-F W. Millbrook Rd  
Raleigh, NC 27609  
Tel: (984) 500-5426

**BL-0036  
CRABTREE CREEK  
GREENWAY  
CARY, NC**



PLAN SHEET

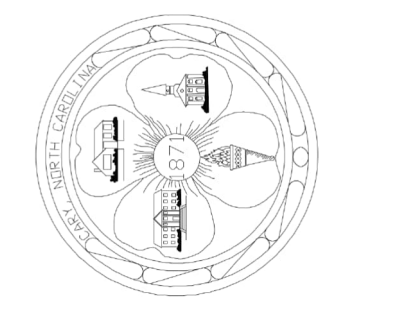


DESIGNED BY: G. BOYLE	DATE: 10/11/2023
REVIEWED BY: C. KENNEDY	DATE: 10/11/2023
DATE: 10/11/2023	SCALE: 1" = 40'
REVISIONS	INIT.
SHEET NO.	4

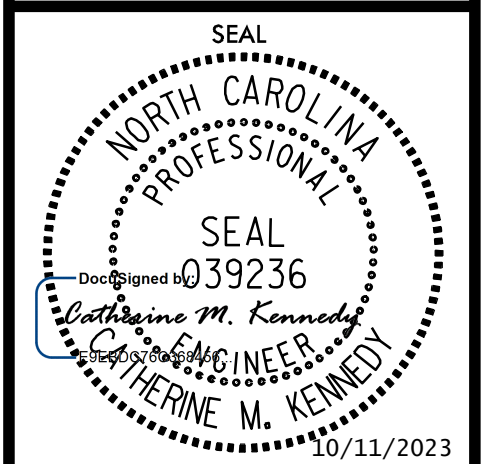
10/12/2023 Z:\Shared\0 Projects\00048005 Crabtree Creek Greenway\10 CAD\Roadway\Proj\Crabtree Creek\_rdy\_05.psh 01.dgn



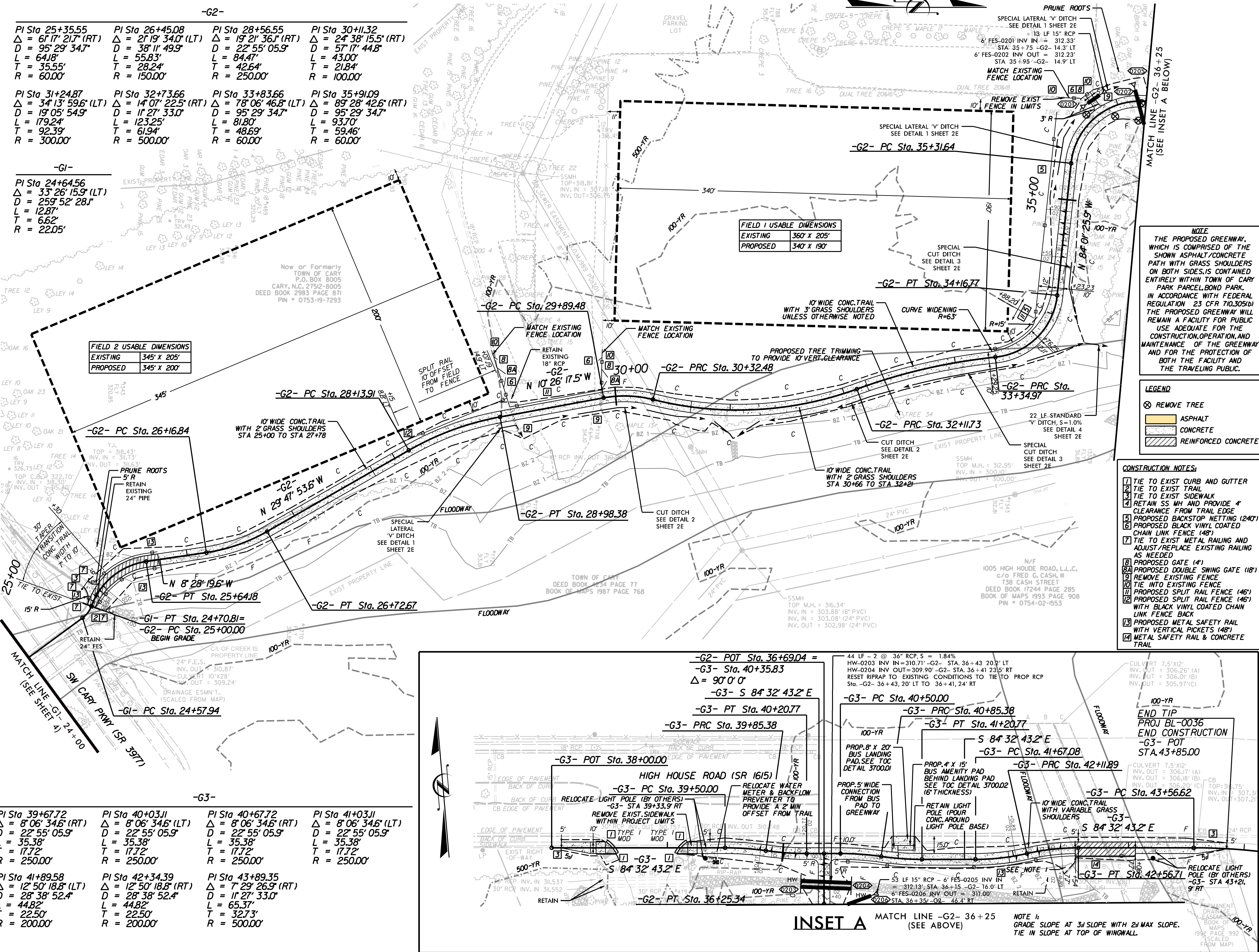
**BL-0036**  
**CRABTREE CREEK**  
**GREENWAY**  
**CARY, NC**



**PLAN SHEET**



DESIGNED BY: G. BOYLE	DATE: 08/01/23
REVIEWED BY: C. KENNEDY	SCALE: 1" = 40'
DATE: 08/01/23	INSTR. DATE: 10/02/23
REVISIONS:	ADD. DATE:
BUS STOP AMENITY PAD	ADD. DATE:



**-G2-**

PI Sta 25+35.55 Δ = 61°17' 21.7" (RT) D = 95°29' 34.7" L = 64J8' T = 35.55' R = 60.00'	PI Sta 26+45.08 Δ = 21°19' 34.0" (LT) D = 38°11' 49.9" L = 55.83' T = 28.24' R = 150.00'	PI Sta 28+56.55 Δ = 19°21' 36.1" (RT) D = 22°55' 05.9" L = 84.47' T = 42.64' R = 250.00'	PI Sta 30+11.32 Δ = 24°38' 15.5" (RT) D = 57°17' 44.8" L = 43.00' T = 21.84' R = 100.00'
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**-G1-**

PI Sta 24+64.56 Δ = 33°26' 15.9" (LT) D = 259°52' 28.1" L = 12.87' T = 6.62' R = 22.05'
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**FIELD 2 USABLE DIMENSIONS**

EXISTING	345' X 205'
PROPOSED	345' X 200'

**FIELD 1 USABLE DIMENSIONS**

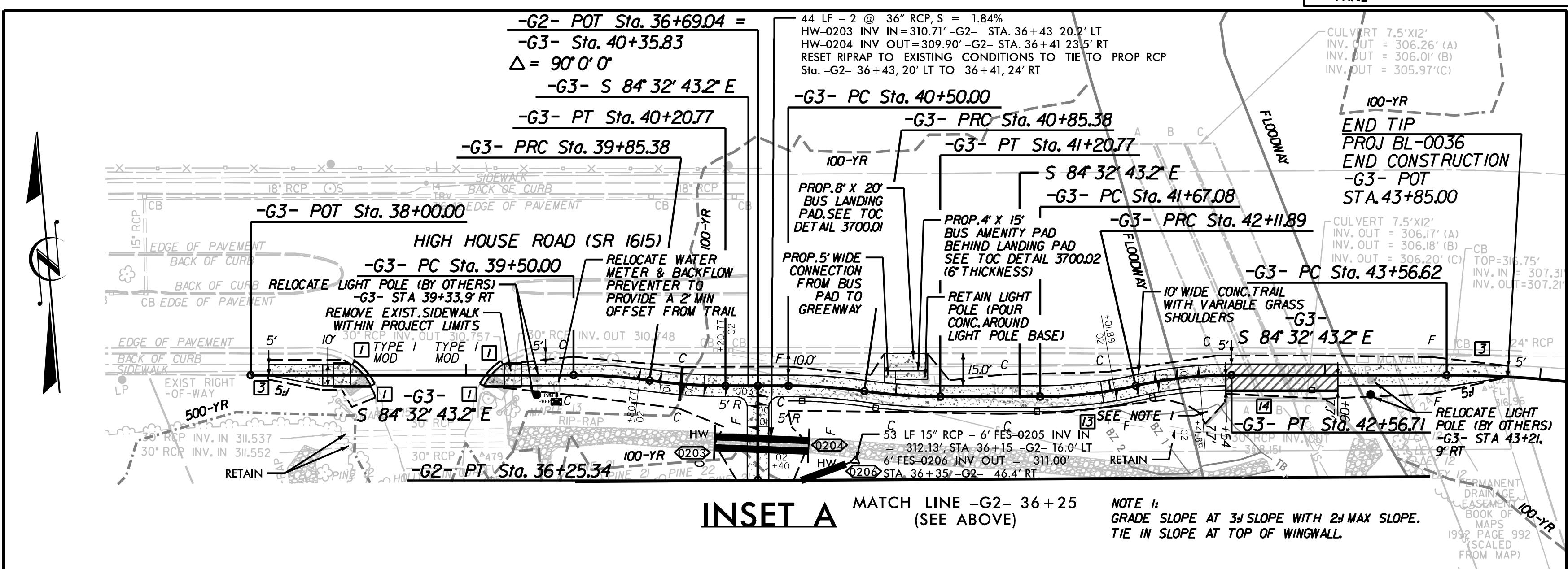
EXISTING	360' X 205'
PROPOSED	340' X 190'

**NOTE**  
THE PROPOSED GREENWAY, WHICH IS COMPRISED OF THE SHOWN ASPHALT/CONCRETE PATH WITH GRASS SHOULDERS ON BOTH SIDES, IS CONTAINED ENTIRELY WITHIN TOWN OF CARY PARK PARCEL BOND PARK. IN ACCORDANCE WITH FEDERAL REGULATION 23 CFR 710.305(d) THE PROPOSED GREENWAY WILL REMAIN A FACILITY FOR PUBLIC USE ADEQUATE FOR THE CONSTRUCTION, OPERATION, AND MAINTENANCE OF THE GREENWAY AND FOR THE PROTECTION OF BOTH THE FACILITY AND THE TRAVELING PUBLIC.

**LEGEND**

- REMOVE TREE
- ASPHALT
- CONCRETE
- REINFORCED CONCRETE

- CONSTRUCTION NOTES:**
- TIE TO EXIST CURB AND GUTTER
  - TIE TO EXIST TRAIL
  - TIE TO EXIST SIDEWALK
  - RETAIN SS MH AND PROVIDE 4' CLEARANCE FROM TRAIL EDGE
  - PROPOSED BACKSTOP NETTING (240')
  - PROPOSED BLACK VINYL COATED CHAIN LINK FENCE (48')
  - TIE TO EXIST METAL RAILING AND ADJUST/REPLACE EXISTING RAILING AS NEEDED
  - PROPOSED GATE (4')
  - PROPOSED DOUBLE SWING GATE (18')
  - REMOVE EXISTING FENCE
  - TIE INTO EXISTING FENCE
  - PROPOSED SPLIT RAIL FENCE (46')
  - PROPOSED SPLIT RAIL FENCE (46') WITH BLACK VINYL COATED CHAIN LINK FENCE BACK
  - PROPOSED METAL SAFETY RAIL WITH VERTICAL PICKETS (48')
  - METAL SAFETY RAIL & CONCRETE TRAIL



**INSET A** MATCH LINE -G2- 36+25 (SEE ABOVE)

NOTE 1: GRADE SLOPE AT 3% SLOPE WITH 2% MAX SLOPE. TIE IN SLOPE AT TOP OF WINGWALL.