



LOCATION SKETCH - N.T.S.

DESIGN DATA:
SPEED DESIGN (PATH): 12 MPH
POSTED SPEED (ROAD): 25 MPH

LAND LOTS: 46,611
LAND DISTRICTS:

FUNCTIONAL CLASS:
SHARED-USE PATH

THIS PROJECT IS 100% IN
FULTON COUNTY AND IS
100% IN CONG.DIST.NO.5.

PROJECT DESIGNATION: EXEMPT

THIS PROJECT HAS BEEN PREPARED
USING THE HORIZONTAL GEORGIA
COORDINATE SYSTEM OF 1984 (NAD
1983/94 WEST ZONE, AND THE NORTH
AMERICAN VERTICAL DATUM (NAVD)
OF 1988.

NOTE :
ALL REFERENCES IN THIS DOCUMENT,WHICH INCLUDES ALL PAPERS,WRITINGS,
DOCUMENTS,DRAWINGS,OR PHOTOGRAPHS USED,OR TO BE USED IN CONNECTION
WITH THIS DOCUMENT,TO "STATE HIGHWAY DEPARTMENT OF GEORGIA","STATE
HIGHWAY DEPARTMENT ","GEORGIA STATE HIGHWAY DEPARTMENT ","HIGHWAY
DEPARTMENT ","OR "DEPARTMENT "WHEN THE CONTEXT THEREOF MEANS THE
STATE HIGHWAY DEPARTMENT OF GEORGIA,AND SHALL BE DEEMED TO MEAN
THE DEPARTMENT OF TRANSPORTATION.

THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANY WAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT GUARANTEED, AND DO NOT BIND THE DEPARTMENT OF TRANSPORTATION IN ANY WAY. THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO SUBSECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.

FULTON COUNTY

LIVABLE BUCKHEAD INC.
 & CITY OF ATLANTA

PLAN AND PROFILE OF PROPOSED
PATH 400 TRAIL
PEACHTREE PARK
MULTI-USE PATH
FULTON COUNTY

FEDERAL ROUTE # N/A

STATE ROUTE * 141

P.I.NO. N/A

END PROJECT
PATH 400 TRAIL
PEACHTREE PARK
STA 27+00.00
N 1398742.4212
E 2235151.8478

PRIMARY PERMITTEE

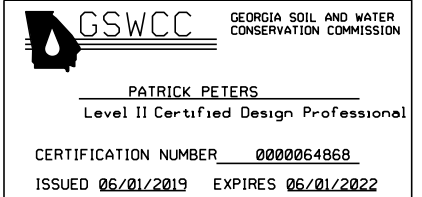
CITY OF ATLANTA
DEPARTMENT OF PUBLIC WORKS
55 Trinity Avenue SW, Suite 4700
Atlanta, GA 30303
Phone: (404) 330-6240

"I certify that this Erosion, Sedimentation and Pollution Control Plan has been prepared in accordance with part IV, of the General NPDES Permit No. GAR100002."

"I certify under penalty of law that this plan was prepared after a site visit to the locations described herein by myself or my authorized agent, under my supervision."

SIGNATURE

DATE _____



APPROVED WITH NOTES

of this site plan is for what is specifically requested under the plan. Any revisions to approved plans must be submitted to ATLDOT for review and approval.

Provide and install the driveway apron according to COA standard include on the detail sheets.

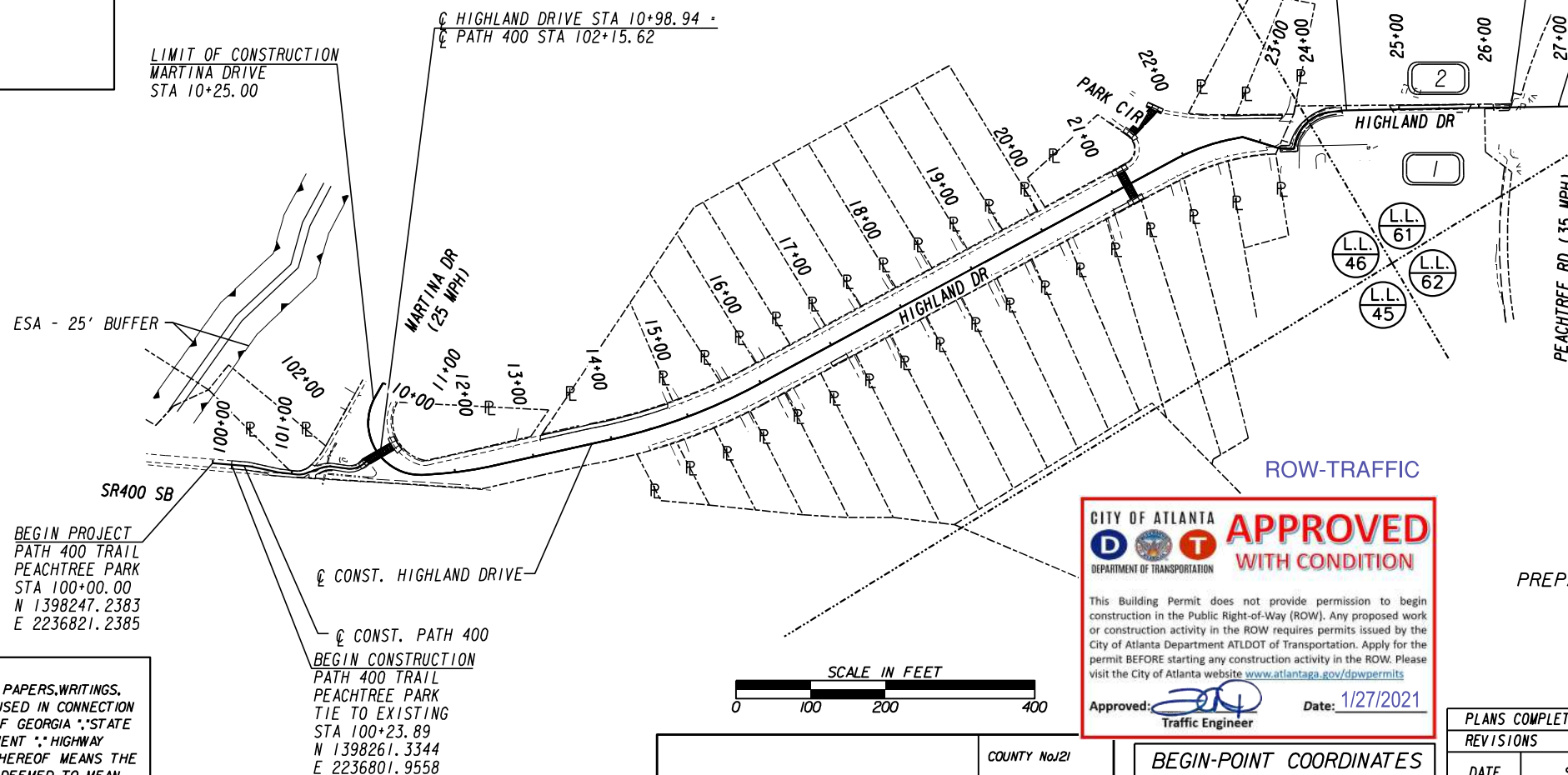
Replace both dismount signs with W1-3L sign (same size)

Replace both 'CONGESTED AREA' sign text with 'SLOW'

HL **Heath & Lineback Engineers**
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

PREPARED BY:

DESIGN



SCALE IN FEET

0 100 200 400

LENGTH OF PROJECT	COUNTY No.21 FULTON COUNTY	BEGIN-POINT COORDINATES Longitude: 84.3635° Latitude: 33.8437°
	MILES	END-POINT COORDINATES Longitude: 84.3689° Latitude: 33.8451°
NET LENGTH OF PATH	0.33	
NET LENGTH OF BRIDGES	0.00	
NET LENGTH OF PROJECT	0.36	
NET LENGTH OF EXCEPTIONS	0.00	
GROSS LENGTH OF PROJECT	0.36	

TOTAL PROJECT AREA: 1.91 AC.
TOTAL DISTURBED AREA: 0.14 AC.

PROJECT TO BE CONSTRUCTED AS PER GEORGIA DEPARTMENT
OF TRANSPORTATION STANDARD SPECIFICATIONS, 2013 EDITION, AS
APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION AND
AS MODIFIED BY CONTRACT DOCUMENTS.

The image shows the official logo of the City of Atlanta Department of Transportation, which includes a blue circle with a white 'D', the city seal, and a red circle with a white 'T'. To the right of the logo is a large red stamp that reads 'APPROVED WITH CONDITION' in bold, capital letters. Below the logo and stamp, there is a paragraph of text explaining the permit process. At the bottom, there is a signature and the title 'Traffic Engineer', and a date stamp 'Date: 1/27/2021'.

PLANS COMPLETED XX-XX-XXXX				
REVISIONS				
DATE	SHEET NOS.	REV. REQUESTED BY	SIGNATURE	GSWCC LEVEL II CERTIFICATION *
				DRAWING No.
				01-0001

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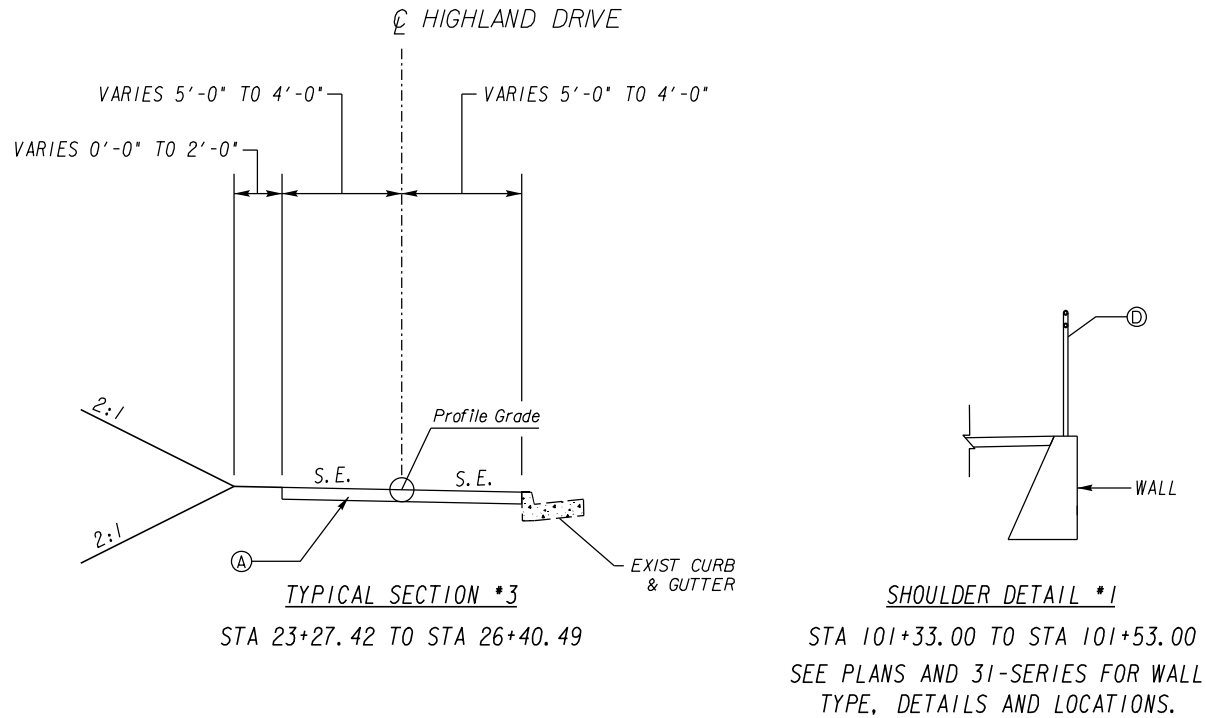
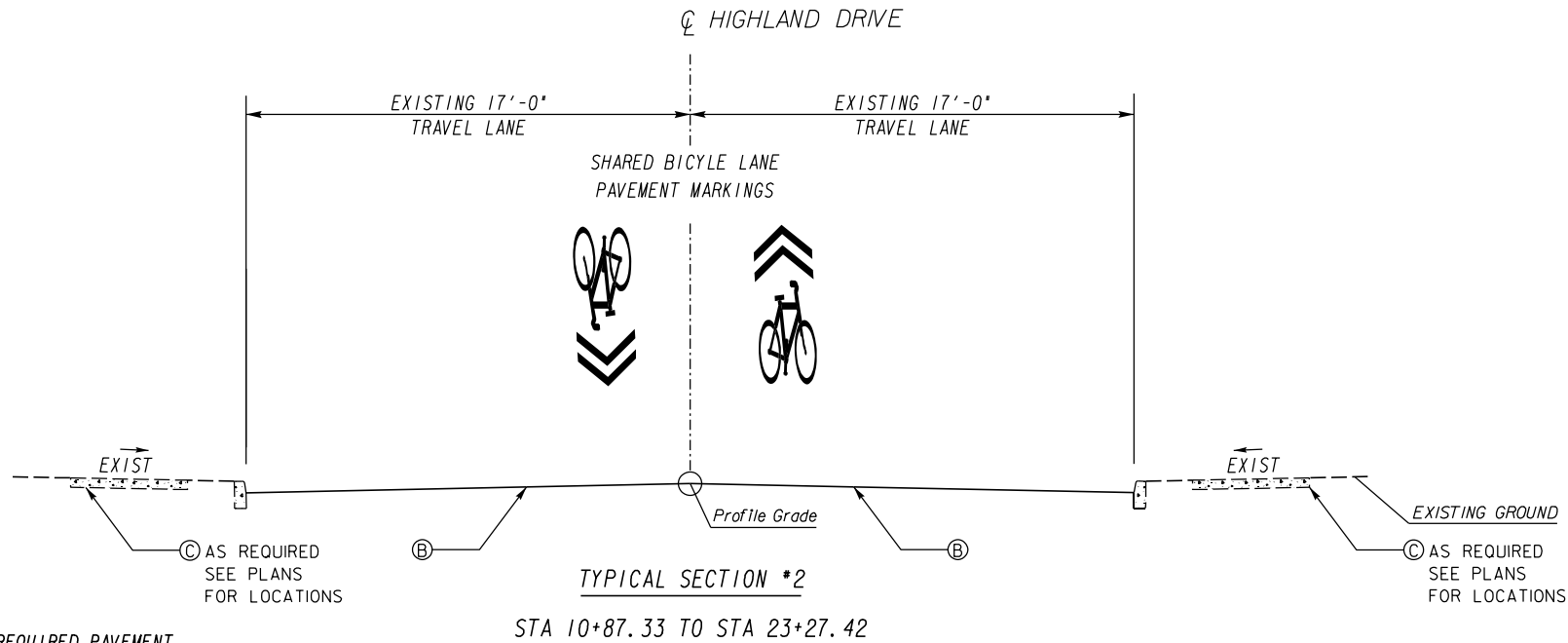
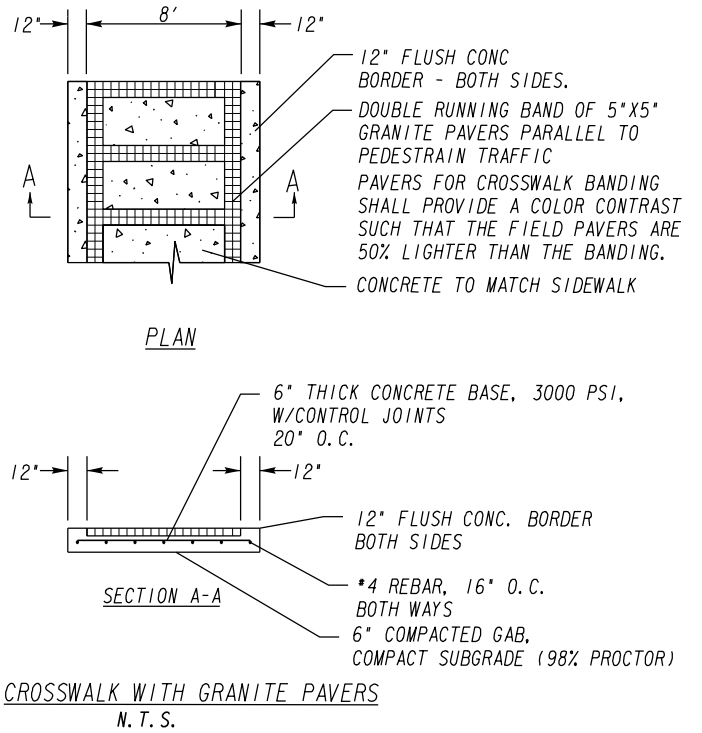
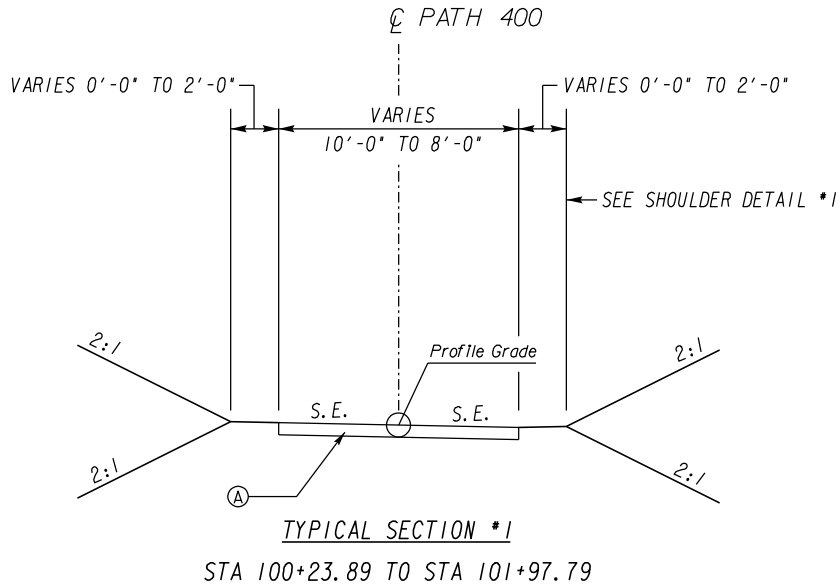
Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

[illegible]

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SIGNING GENERAL NOTES

1. ALL STANDARD HIGHWAY SIGNS SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH THE DETAILS SHOWN IN THE PLANS. THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, AND THE GEORGIA SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, AND/OR SPECIAL PROVISIONS.
2. SIGN ERECTION STATIONS ARE APPROXIMATE AND MAY BE ADJUSTED TO MEET FIELD CONDITIONS WHERE NECESSARY, BUT SHALL BE WITHIN THE LIMITATIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION. NO SIGN LOCATION SHALL BE CHANGED BY THE CONTRACTOR OR BY THE PROJECT ENGINEER WITHOUT PRIOR APPROVAL FROM THE OFFICE OF TRAFFIC OPERATIONS.
3. ALL STANDARD HIGHWAY SIGNS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN OR ASSEMBLY.
- 4a. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON INTERSTATE HIGHWAYS SHALL BE 32 FEET FROM THE NORMAL EDGE OF PAVEMENT TO THE NEARER EDGE OF THE SIGN(S), UNLESS SPECIFIED OTHERWISE IN THE PLANS. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON RAMPS SHALL BE 2 FEET FROM THE NORMAL EDGE OF PAVED SHOULDER, OR EDGE OF GRADED SHOULDER WHEN PRESENT.
- 4b. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS ON ALL OTHER ROADWAYS SHALL BE 6 FEET FROM THE EDGE OF THE PAVED SHOULDER OR 12 FEET FROM THE NORMAL EDGE OF PAVEMENT TO THE NEARER EDGE OF THE SIGN(S), WHICHEVER IS GREATER. THE HORIZONTAL CLEARANCE IN NON-MOUNTABLE CURB SECTIONS SHALL BE AT LEAST 2 FEET FROM THE CURB FACE TO THE NEARER EDGE OF THE SIGN(S).
- 4c. HORIZONTAL CLEARANCE FOR STANDARD HIGHWAY SIGNS MOUNTED BEHIND GUARD RAIL SHALL BE 6 FEET FROM THE FACE OF THE GUARD RAIL TO THE NEARER EDGE OF THE SIGN(S).
5. SINGLE PLATE, HORIZONTAL RECTANGULAR SIGNS OVER 48 INCHES IN WIDTH SHALL BE MOUNTED ON TWO POSTS WITH 2 EACH 2 INCH x 1/2 INCH x (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAPS. THE STRAPS SHALL BE FLUSH WITH THE BACK OF THE SIGN WITH ONE EACH ACROSS THE TOP AND BOTTOM OF THE SIGN. THE CENTERLINE OF EACH POST SHALL BE INSET 1/6TH OF THE SIGN WIDTH FROM THE EDGE OF THE SIGN. SIGN PLATE BOLT HOLES SHALL BE 3/8 INCH DIAMETER, DRILLED OR PUNCHED, AS SHOWN ON THE SIGN PLATE DETAILS.
6. EACH 42 OR 48 INCH WIDE x 18 OR 24 INCH HIGH SIGN REQUIRES ONE 2 INCH x 1/2 INCH x (WIDTH OF SIGN) ALUMINUM OR GALVANIZED STEEL STRAP LOCATED IN THE CENTER OF THE SIGN AND FLUSH WITH THE BACK OF THE SIGN.
7. SIGN ASSEMBLIES SHALL BE MOUNTED ON ALUMINUM OR GALVANIZED STEEL STRAP FRAMES. FOR DETAILS AND STRAP SPECIFICATIONS REFER TO SIGN ASSEMBLY-TYPICAL FRAMING DETAILS.
8. TYPE 9 (VERY HIGH INTENSITY) REFLECTIVE SHEETING SHALL BE USED FOR ALL STANDARD HIGHWAY SIGNS REQUIRING REFLECTORIZED BACKGROUNDS EXCEPT AS SPECIFIED BELOW OR SPECIFIED OTHERWISE IN THE PLANS. EITHER CLASS 1 OR CLASS 2 ADHESIVE BACKING IS PERMISSIBLE.
9. TYPE 11 (VERY HIGH INTENSITY) REFLECTIVE SHEETING SHALL BE USED FOR ALL RED SERIES SIGNS (R1-1, R1-2, R1-3P, R5-1, R5-1A, R5-1B).
10. TYPE 11 (VERY HIGH INTENSITY) FLUORESCENT YELLOW REFLECTIVE SHEETING SHALL BE USED FOR ALL WARNING SIGNS.
11. TYPE 11 (VERY HIGH INTENSITY) FLUORESCENT YELLOW GREEN REFLECTIVE SHEETING SHALL BE USED FOR SCHOOL ZONE (S1-1, S2-1, S3-1, S4-3, AND THE TOP PORTION OF THE S5-1) SIGNS. ALL REGULATORY SIGNS WITHIN THE SCHOOL ZONE SHALL HAVE TYPE 11 (VERY HIGH INTENSITY) REFLECTIVE SHEETING.
12. A 1/2 INCH MINIMUM AIR SPACE SHALL BE REQUIRED BETWEEN ALL SIGN PLATES WITHIN AN ASSEMBLY.
13. WHERE SIGNS WITHIN AN ASSEMBLY EXTEND BELOW THE STANDARD MOUNTING HOLES ON THE POST(S), ADDITIONAL 3/8 INCH DIAMETER HOLE(S), DRILLED OR PUNCHED, SHALL BE REQUIRED TO PROPERLY MOUNT THE ASSEMBLY.
14. INTERSTATE SHIELDS SHALL CONTAIN THE WORD GEORGIA. ALL INTERSTATE, U.S., AND GEORGIA SHIELDS REQUIRING ALT, BUS, CONN, LOOP, OR SPUR SHALL USE 4 INCH SERIES "D" LETTERS. REFER TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, CURRENT EDITION, FOR DETAILS.
15. FOR DETAILS OF SPECIAL DESIGN HIGHWAY SIGNS, SEE DETAILS OF MISCELLANEOUS SIGNS.
16. REFER TO PLAN SHEETS FOR LOCATION OF THE DISTRICT ENGINEERS OFFICE TO BE SHOWN ON ALL R552-1 (LIMITED ACCESS) SIGNS IN THIS PROJECT, IF ANY.
17. THE CONTRACTOR WILL, AS REQUESTED BY THE DISTRICT TRAFFIC OPERATIONS ENGINEER, BE REQUIRED TO REMOVE ANY EXISTING SIGNS THAT ARE DUPLICATED OR ARE CONTRARY TO THESE SIGN PLANS.



- REQUIRED PAVEMENT
- A CONC SIDEWALK, 6 IN
 - B BIKE SHARED LANE (SEE GA DETAIL T-16A)
 - C CONC SIDEWALK, 4 IN
 - D ORNAMENTAL FENCE - SEE DWG. NO. 38-0005

HL Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

N. T. S.

REVISION DATES

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA

TYPICAL SECTIONS
PATH 400
PEACHTREE PARK

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

05-0001

SUMMARY OF QUANTITIES

ROADWAY

TRAFFIC CONTROL	
TOTAL	1 LS
GRADING COMPLETE	
TOTAL	1 LS
CONCRETE SIDEWALK, 8 IN	
TOTAL	73 SY
CONCRETE SIDEWALK, 6 IN	
TOTAL	399 SY
CONCRETE SIDEWALK, 4 IN	
TOTAL	148 SY
GPS DATA COLLECTION AND SUBMITTAL	
TOTAL	1 LS
STRAIGHT GRANITE CURB, 5 IN X16 IN, TP A	
TOTAL	26 LF
DRIVEWAY CONCRETE, 8 IN TK	
TOTAL	13 SY
CLASS A CONCRETE, INCL REINF STEEL-CROSSWALKS	
TOTAL	21 CY
CONC VALLEY GUTTER, 8 IN	
TOTAL	95 SY
BARRIER FENCE (ORANGE), 4FT	
TOTAL	392 LF
BRICK PAVERS (GRANITE PAVERS)-CROSSWALKS	
TOTAL	349 SF
ORNAMENTAL FENCE	
TOTAL	18 LF
GATE - SPL DESIGN (INCL ELECTRICAL WIRING, CALL BOX, & ART PANELS)	
TOTAL	1 LS
SECURITY CAMERA (INCL ELECTRICAL WIRING)	
TOTAL	2 EA

EROSION CONTROL

CONSTRUCT & REMOVE CONSTRUCTION EXITS	
TOTAL	1 EA
MAINTENANCE OF CONSTRUCTION EXIT	
TOTAL	1 EA
CONSTRUCT & REMOVE INLET SEDIMENT TRAP	
TOTAL	6 EA
MAINTENANCE OF TEMP SILT FENCE, TP C	
TOTAL	76 LF
MAINTENANCE OF TEMP SILT FENCE, TP A	
TOTAL	380 LF
MAINTENANCE OF INLET SEDIMENT TRAP	
TOTAL	6 EA
WATER QUALITY MONITORING AND SAMPLING	
TOTAL	2 EA
WATER QUALITY INSPECTION	
TOTAL	12 MO
TEMP SILT FENCE, TYP A	
TOTAL	760 LF
TEMP SILT FENCE, TYP C	
TOTAL	151 LF

DRAINAGE

ADJUST MANHOLE TO GRADE	
TOTAL	2 EA

WALL

SUMMARY OF WALL QUANTITIES

LOCATION	CLASS B CONCRETE, RETAINING WALL
WALL NO. 1	2

* FOR WALL CONSTRUCTION ONLY

UTILITY

REMOVE LIGHTING STANDARD	
TOTAL	1 EA
REMOVE WOOD POLE	
TOTAL	1 EA
ADJUST WATER METER BOX TO GRADE	
TOTAL	3 EA
ADJUST WATER VALVE BOX TO GRADE	
TOTAL	3 EA
RELOCATE EXIST FIRE HYDRANT	
TOTAL	1 EA
RELOCATE WATER METER	
TOTAL	1 EA
WATER SERVICE LINE, ¾IN, COPPER, TYPE K	
TOTAL	20 LF

SUMMARY OF QUANTITIES

SIGNS

Roadway Signs							Type 7 Post
Road Name	Station	Sign Code	Size (in)		TP1/TP11	No Post (ea)	Length (ft)
			Width	Height			
MARTINA DRIVE	10+25.00	W11-15	30	30	9.25	1.00	15.04
		W11-15P	24	18			
MARTINA DRIVE	10+55.00	R1-5B	36	36	9.00	1.00	13.00
HIGHLAND DRIVE	10+93.00	W11-2	30	30	8.25	1.00	14.54
		W16-7P	24	12			
HIGHLAND DRIVE	11+19.00	W11-2	30	30	8.25	1.00	14.54
		W16-7P	24	12			
HIGHLAND DRIVE	12+02.00	W11-15	30	30	9.25	1.00	15.04
		W11-15P	24	18			
HIGHLAND DRIVE	21+08.00	W11-2	30	30	8.25	1.00	14.54
		W16-7P	24	12			
HIGHLAND DRIVE	21+34.00	W11-2	30	30	8.25	1.00	14.54
		W16-7P	24	12			
HIGHLAND DRIVE	21+51.00	W11-2	30	30	8.25	1.00	14.54
		W16-7P	24	12			
HIGHLAND DRIVE	22+07.00	W11-2	30	30	8.25	1.00	14.54
		W16-7P	24	12			
Total=					77.00		130.28
Rounded Totals=					77.00		131.00

MARKING

TRAFFIC STRIPE		UNIT	STRIPING TOTALS
ITEMS			
PREFORMED PLASTIC SOLID PVMT MKG, 8IN, CONTRAST (BLACK-WHITE), TP PB		LF	763
THERMOPLASTIC SOLID TRAF STRIPING, 12 IN, WHITE		LF	12
SOLID TRAFFIC STRIPE, 5 IN, YELLOW		LF	216
THERMOPLASTIC TRAF STRIPING, GREEN		SY	9
THERMOPLASTIC SOLID TRAFFIC STRIPE, 5IN, WHITE		LF	109
HOT APPLIED PREFORMED PLASTIC PVMT MKG, BIKE LANE MARKING, TP P		EA	13
THERMOPLASTIC SOLID PVMT STRIP, 24 IN, WHITE		LF	18

GRASSING

GRASSING			MULCH	FERTILIZER MIXED GRADE	FERTILIZER NITROGEN CONTENT	AGRICULTURAL LIME
ITEM	UNIT	QUANTITY	TN	TN	LB	TN
PERMANENT GRASSING	AC	1	3	0.6	50	3
TEMPORARY GRASSING	AC	1	2	0.1	-	-
DISTURBED AREAS	AC	0.14	2	0.3	-	-
		TOTAL	7	1	50	3

SOD	
TOTAL	157 SY

TREES	
TOTAL	4 EA

SIGNS

Trail Signs					
Trail Name	Station	Sign Code	Size (in)		Regulatory Sign, 6' Square Post Powder Coat Gray (ea)
			Width	Height	
PATH 400	99+80.00	PW 3-3	18	18	1
		PW 4-31	18	6	
		PC 4-1	3	4.25	
		PI 1-7	18	24	
		PC 2-1	18	6	
		PC 4-1	3	4.25	
PATH 400	101+95.00	R 1-1	18	18	1
		PC 2-6	18	6	
		PW 4-21	18	6	
		PC 4-1	3	4.25	
		PC 4-5	18	17	
		R 5-3	18	18	
		PC 4-1	3	4.25	
PATH 400	22+95.00	G 9-58	18	18	1
		PW 4-22	18	6	
PATH 400	23+27.00	PC 4-5	18	17	1
		R 5-3	18	18	
		PC 4-1	3	4.25	
		R 1-1	18	18	
		PW 4-21	18	6	
		PC 4-1	3	4.25	
PATH 400	24+20.00	R 1-2	18	18	1
		PW 4-20-2	18	6	
		PC 4-1	3	4.25	
		G 9-58	18	18	
		PW 4-22	18	6	
		PC 4-1	3	4.25	
PATH 400	25+10.00	W 3-3	18	18	1
		PW 4-1	18	6	
		PC 4-1	3	4.25	
		R 1-2	18	18	
		PW 4-20-2	18	6	
		PC 4-1	3	4.25	
PATH 400	26+35.00	R 10-23	18	24	1
		PC 2-6	18	6	
		PC 4-1	3	4.25	
		PC 4-5	18	17	
		R 5-3	18	18	
		PC 4-1	3	4.25	
Total=					7

WAYFINDING SIGNS, 6' SQUARE POST POWDER COAT GRAY, DIRECT PRINT PANEL	
TOTAL	1 EA

N/A

[illegible]

REF 10#
REF 09#
REF 08#
REF 07#
REF 06#

LN
REF054
REF044
REF034
REF024
REFFILE1

GPLN

HL **Heath & Lineback Engineers**
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
QUANTITIES (AMENDMENT)
PATH 400
PEACHTREE PARK

DRAWING No.

07-0001

N/A

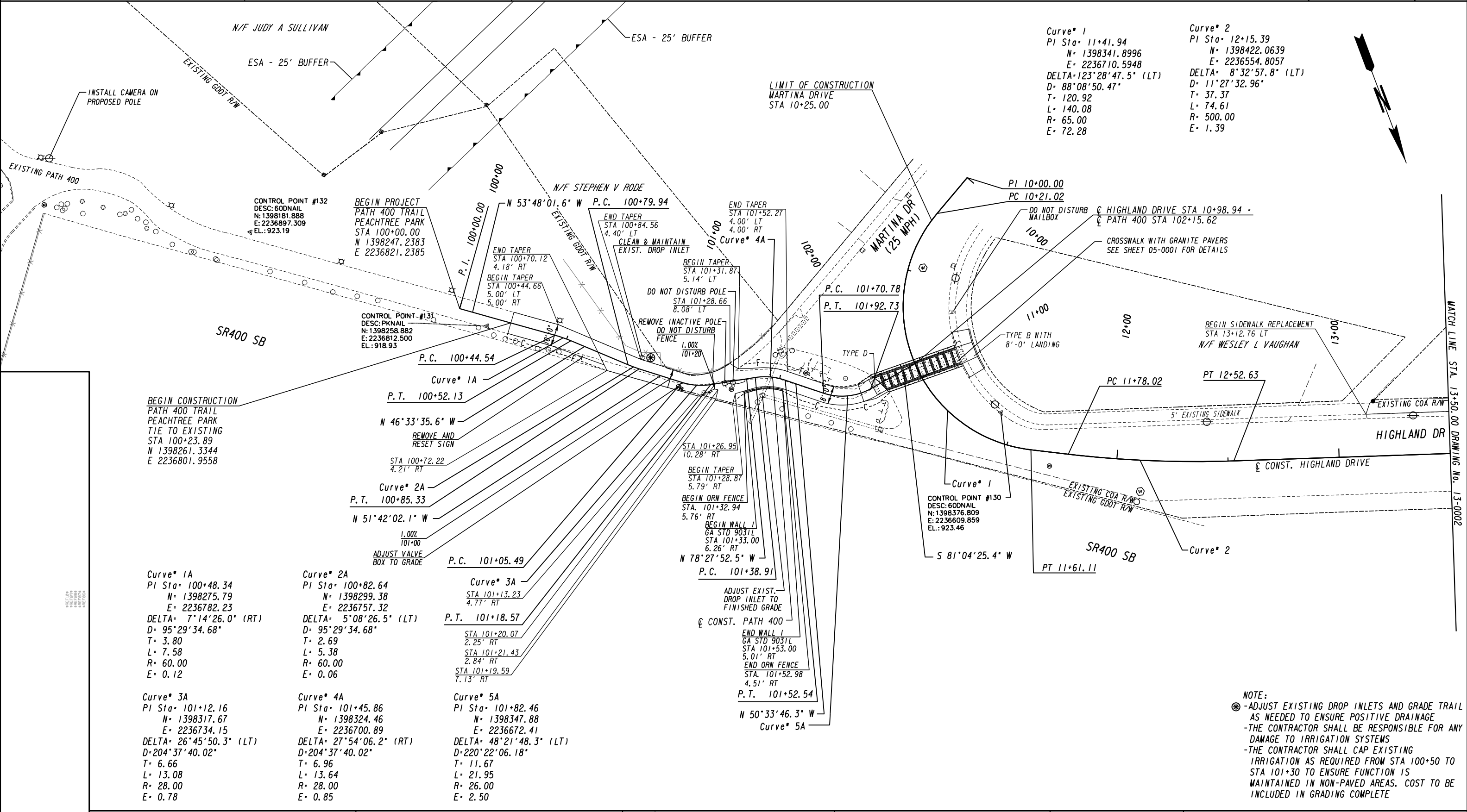
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REF 09#
REF 08#
REF 07#
REF 06#

LN
REF054
REF044
REF034
REF024
REFFILE1

GPLN

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(770)424-1668



NOTE:
⊗ -ADJUST EXISTING DROP INLETS AND GRADE TRAIL AS NEEDED TO ENSURE POSITIVE DRAINAGE
-THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO IRRIGATION SYSTEMS
-THE CONTRACTOR SHALL CAP EXISTING IRRIGATION AS REQUIRED FROM STA 100+50 TO STA 101+30 TO ENSURE FUNCTION IS MAINTAINED IN NON-PAVED AREAS. COST TO BE INCLUDED IN GRADING COMPLETE

7/31/2015
GPLN
INSTRUMENT NO. 13-0001
PREPARED BY: J. KELLY

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----
-----C-----F-----

-----B-----
-----H-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES	

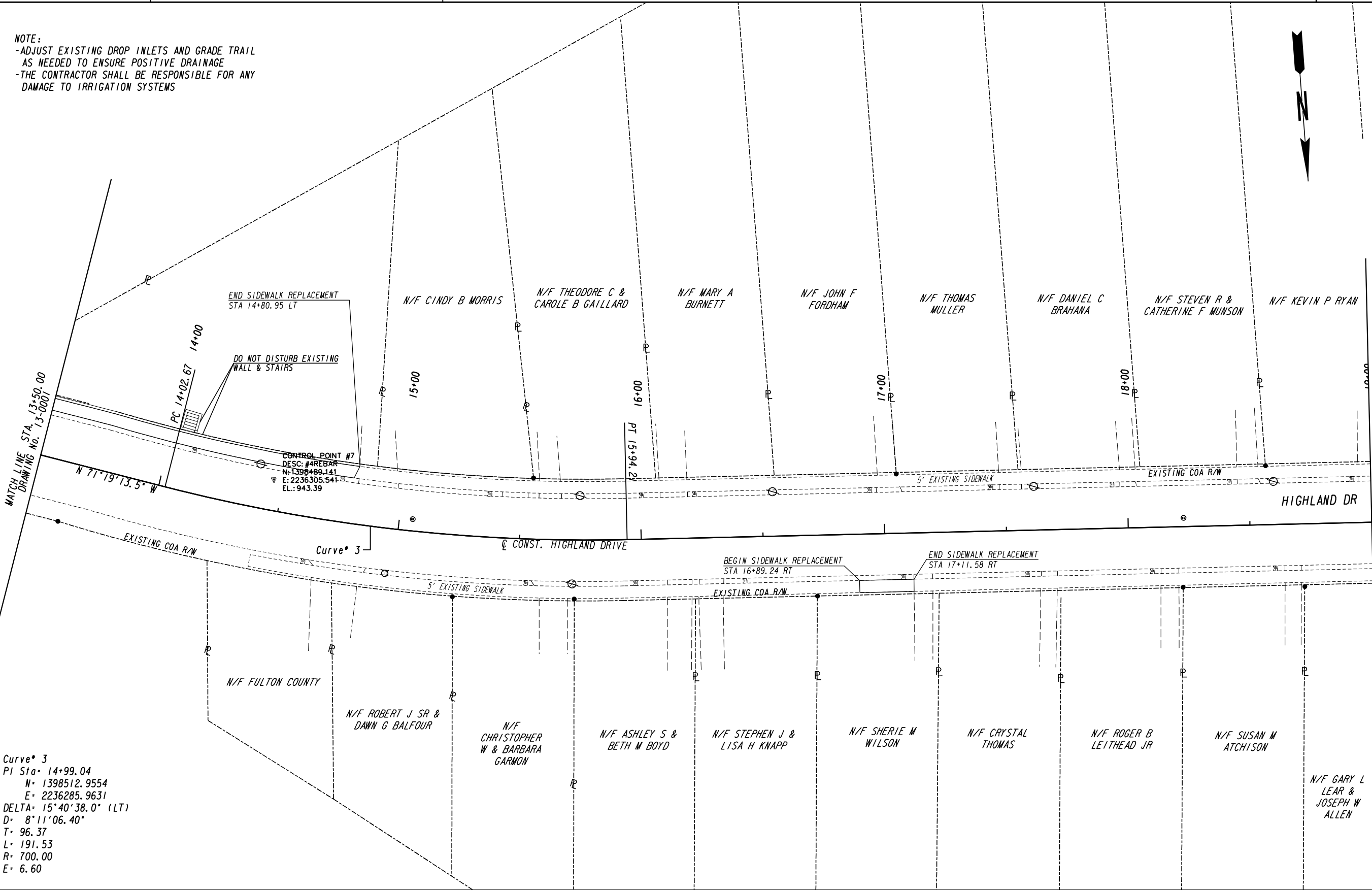
CHECKED:
BACKCHECKED:
CORRECTED:
VERIFIED:

DATE:
DATE:
DATE:
DATE:

DRAWING No.
13-0001

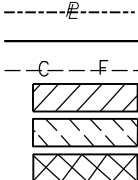
LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
CONSTRUCTION PLAN
PATH 400
PEACHTREE PARK

NOTE:
-ADJUST EXISTING DROP INLETS AND GRADE TRAIL
AS NEEDED TO ENSURE POSITIVE DRAINAGE
-THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY
DAMAGE TO IRRIGATION SYSTEMS

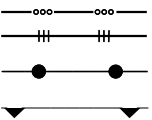


Curve* 3
PI Sta* 14+99.04
N* 1398512.9554
E* 2236285.9631
DELTA* 15°40'38.0° (LT)
D* 8°11'06.40°
T* 96.37
L* 191.53
R* 700.00
E* 6.60

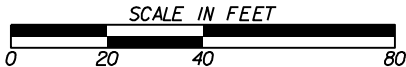
PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES



BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)



Heath & Lineback Engineers
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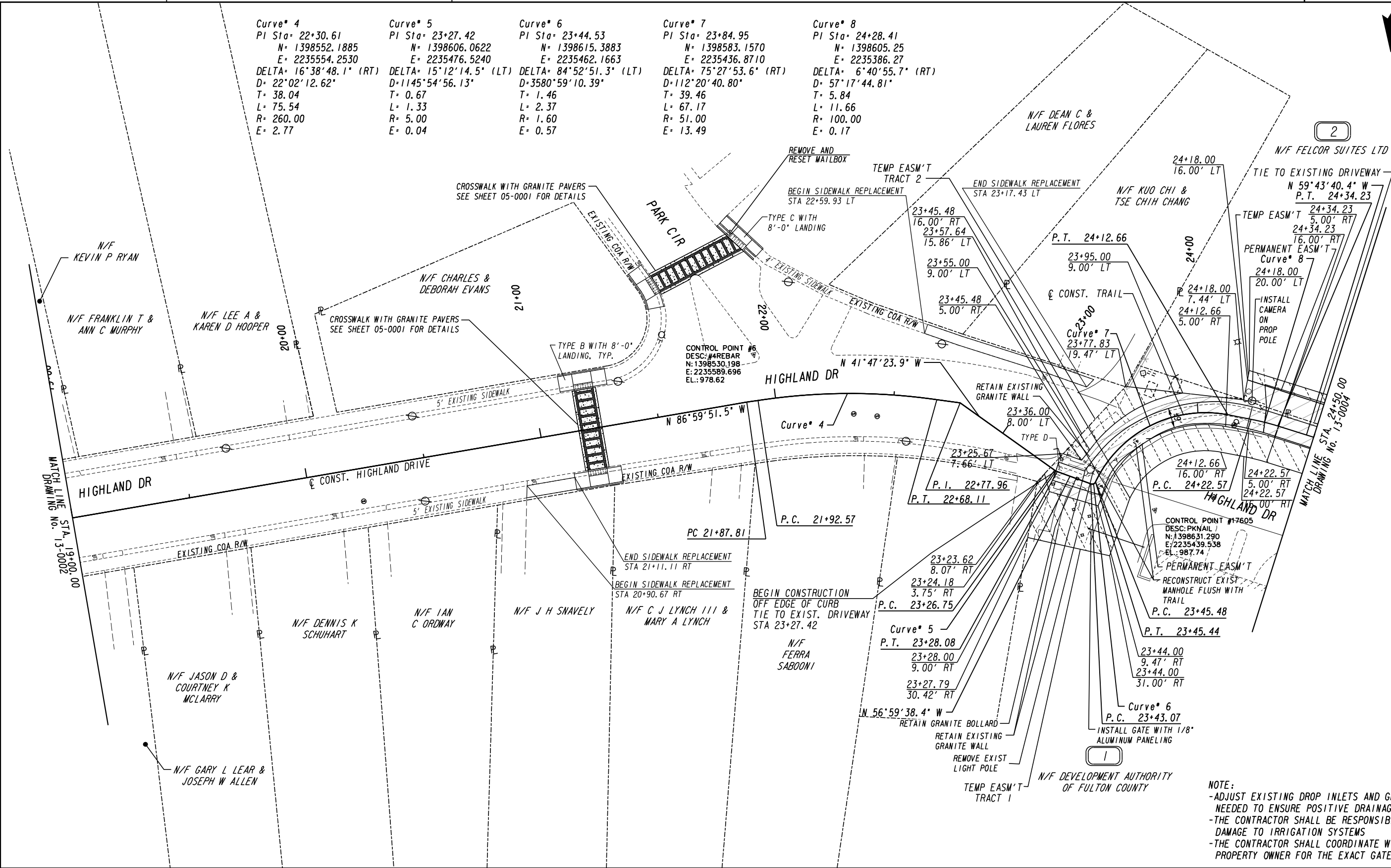


REVISION DATES

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA

CONSTRUCTION PLAN
PATH 400
PEACHTREE PARK

CHECKED:	DATE:	DRAWING No. 13-0002
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----

---C---F---

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

H

&

L

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET

0

20

40

80

REVISION DATES	

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
CONSTRUCTION PLAN
PATH 400
PEACHTREE PARK

CHECKED:
BACKCHECKED:
CORRECTED:
VERIFIED:

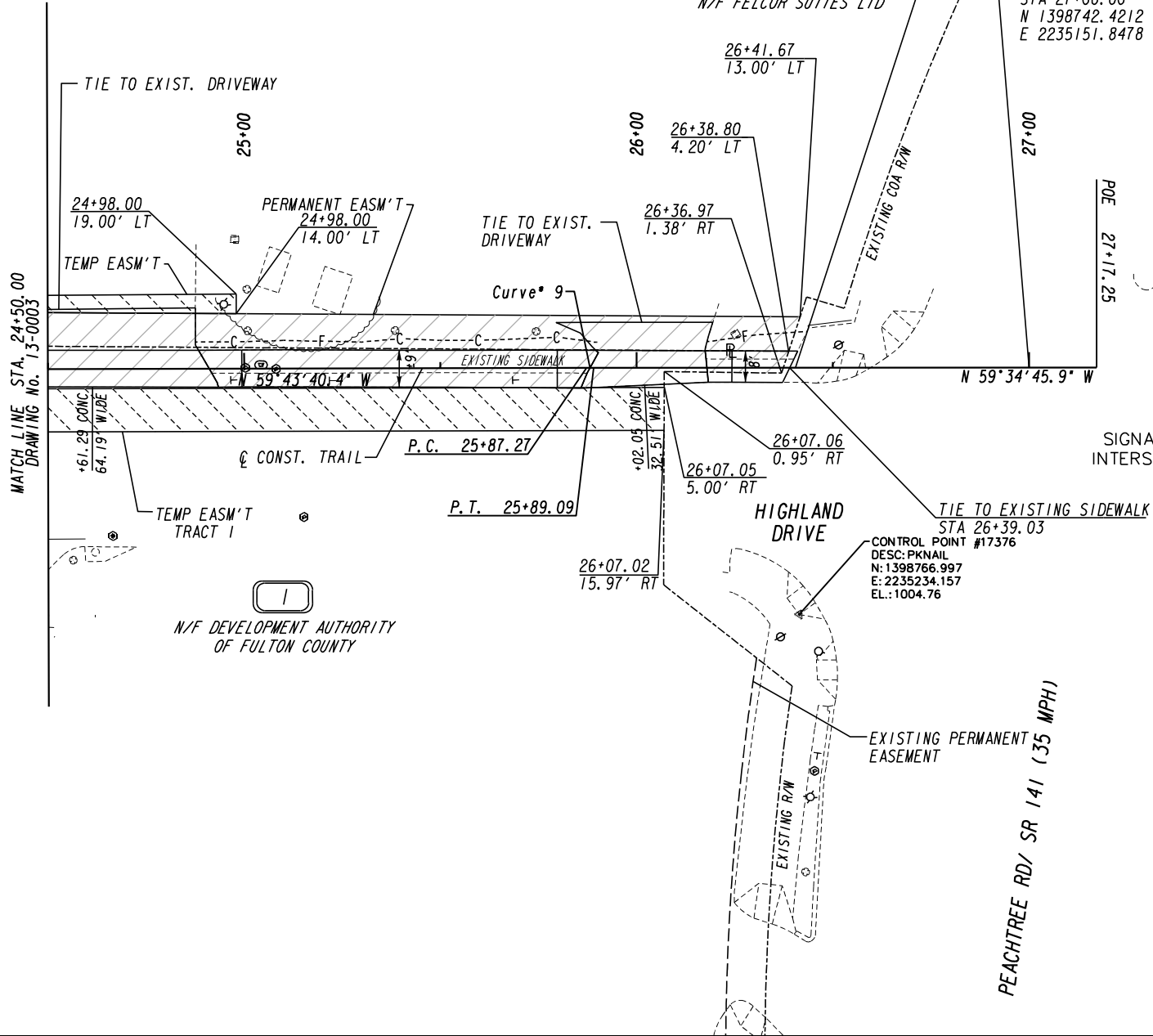
DATE:
DATE:
DATE:
DATE:

DRAWING No.
13-0003

Curve* 9
PI Sta= 25+88.18
N= 1398685.80
E= 2235248.27
DELTA= 0°08'54.6" (RT)
D= 8°11'06.40"
T= 0.91
L= 1.81
R= 700.00
E= 0.00

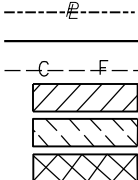
END CONSTRUCTION
PATH 400 TRAIL
PEACHTREE PARK
TIE TO EXISTING
STA 26+40.49
N 1398712.2904
E 2235203.1622

END PROJECT
PATH 400 TRAIL
PEACHTREE PARK
STA 27+00.00
N 1398742.4212
E 2235151.8478



NOTE:
-ADJUST EXISTING DROP INLETS AND GRADE TRAIL AS
NEEDED TO ENSURE POSITIVE DRAINAGE
-THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY
DAMAGE TO IRRIGATION SYSTEMS

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES



BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

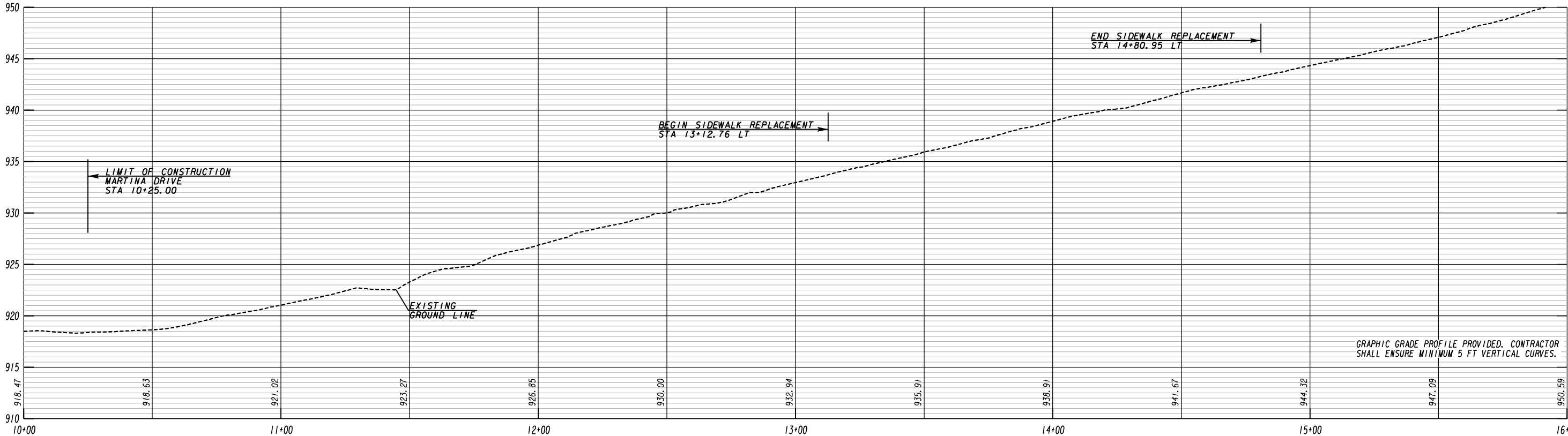
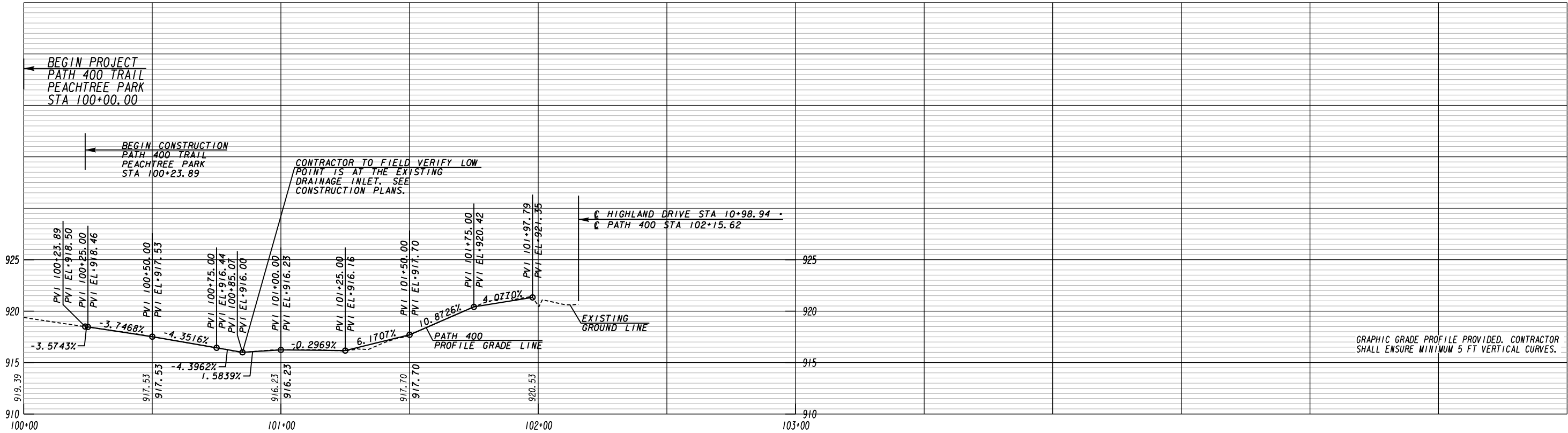
Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

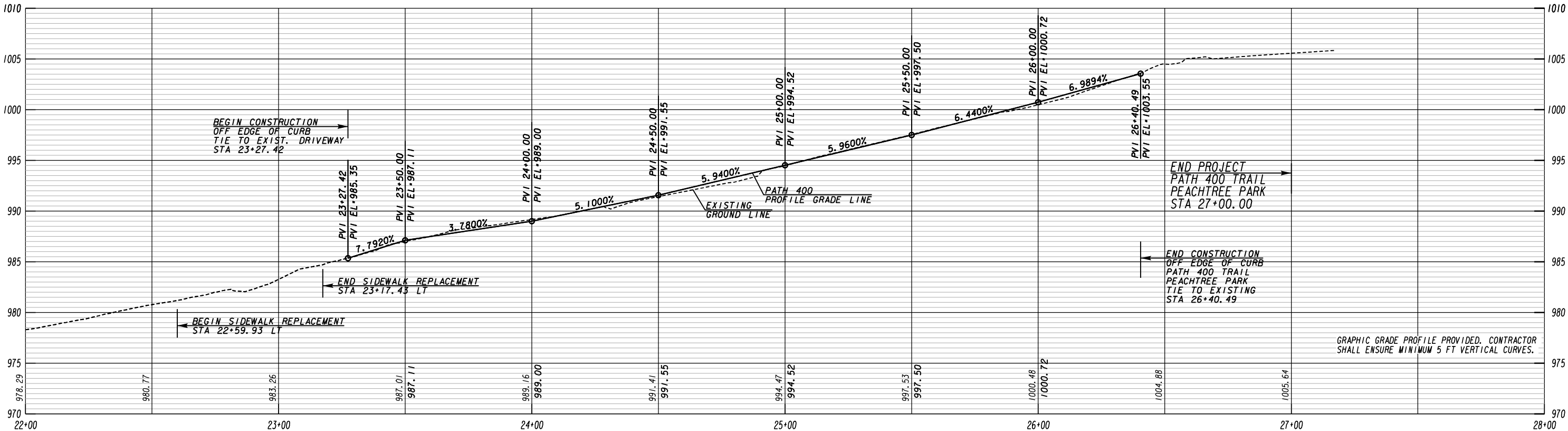
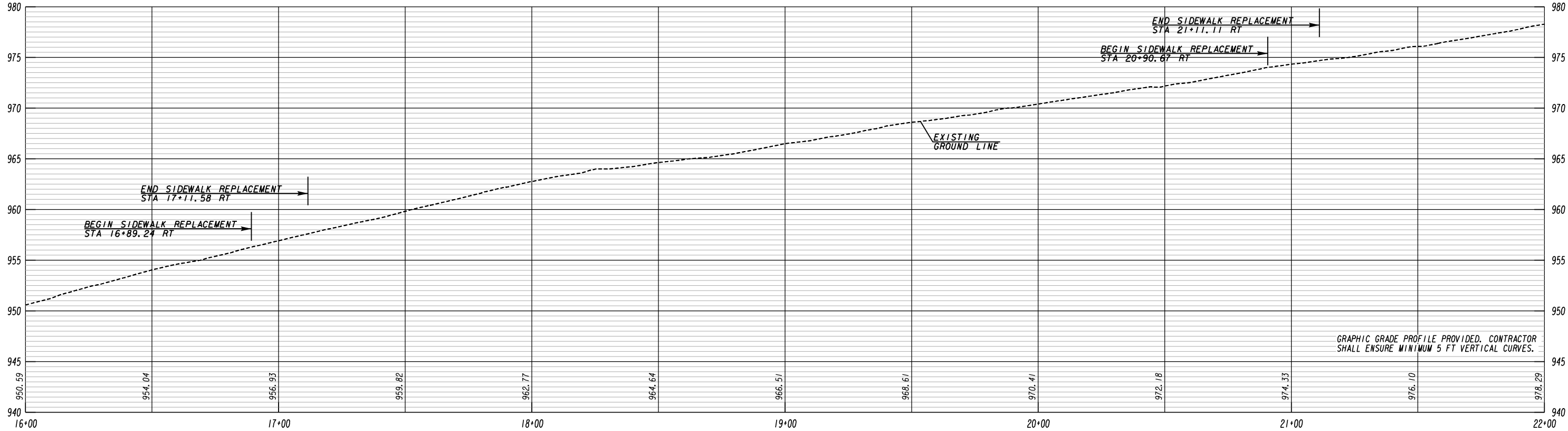


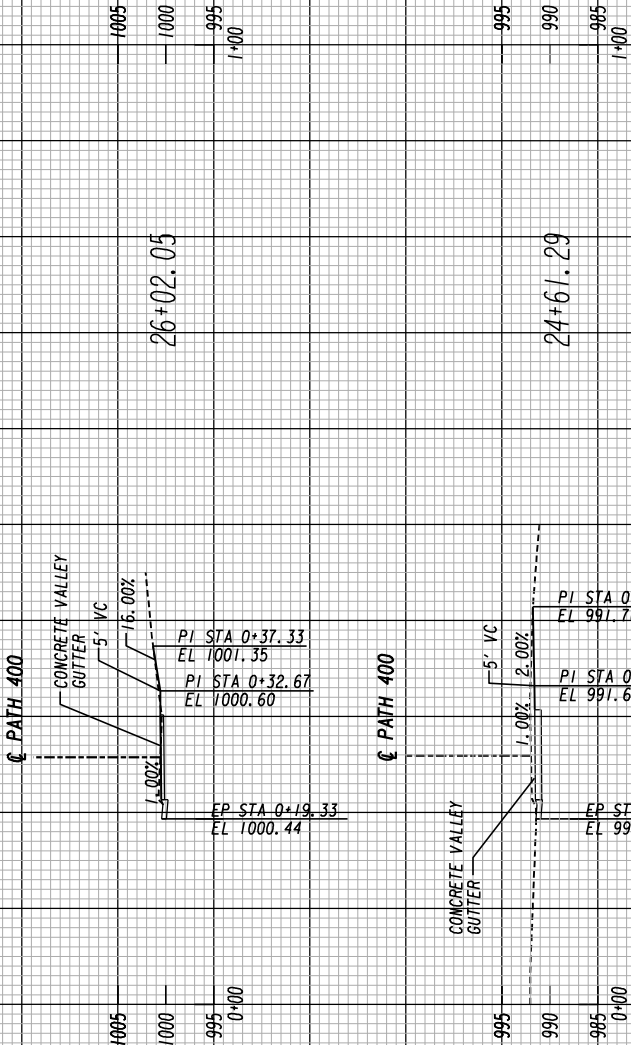
REVISION DATES

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
CONSTRUCTION PLAN
PATH 400
PEACHTREE PARK

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-0004
CORRECTED:	DATE:	
VERIFIED:	DATE:	

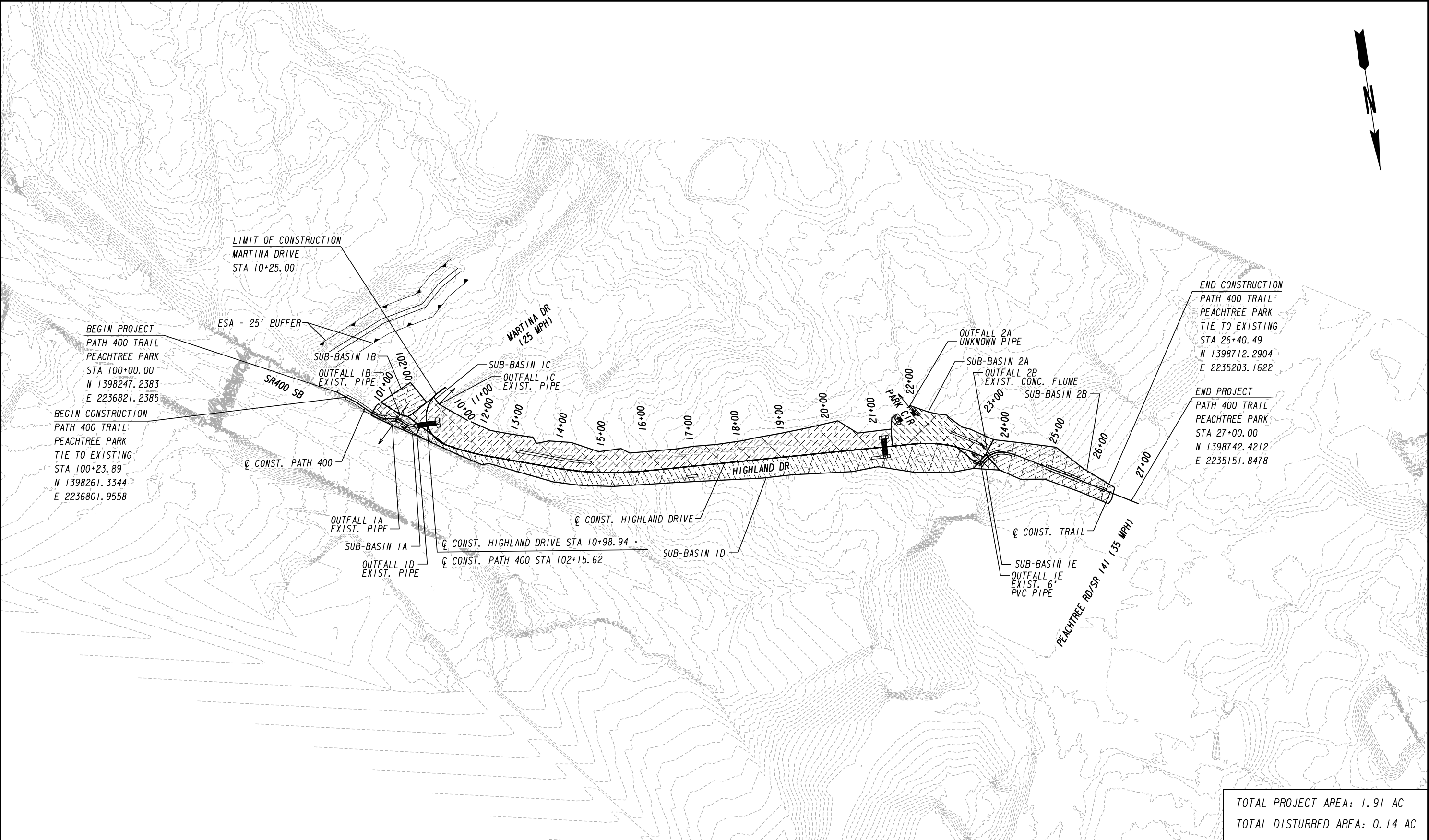






12/10/2020
5:48:22 PM
\$PRF88

12/10/2020
5:48:22 PM
\$PRF88



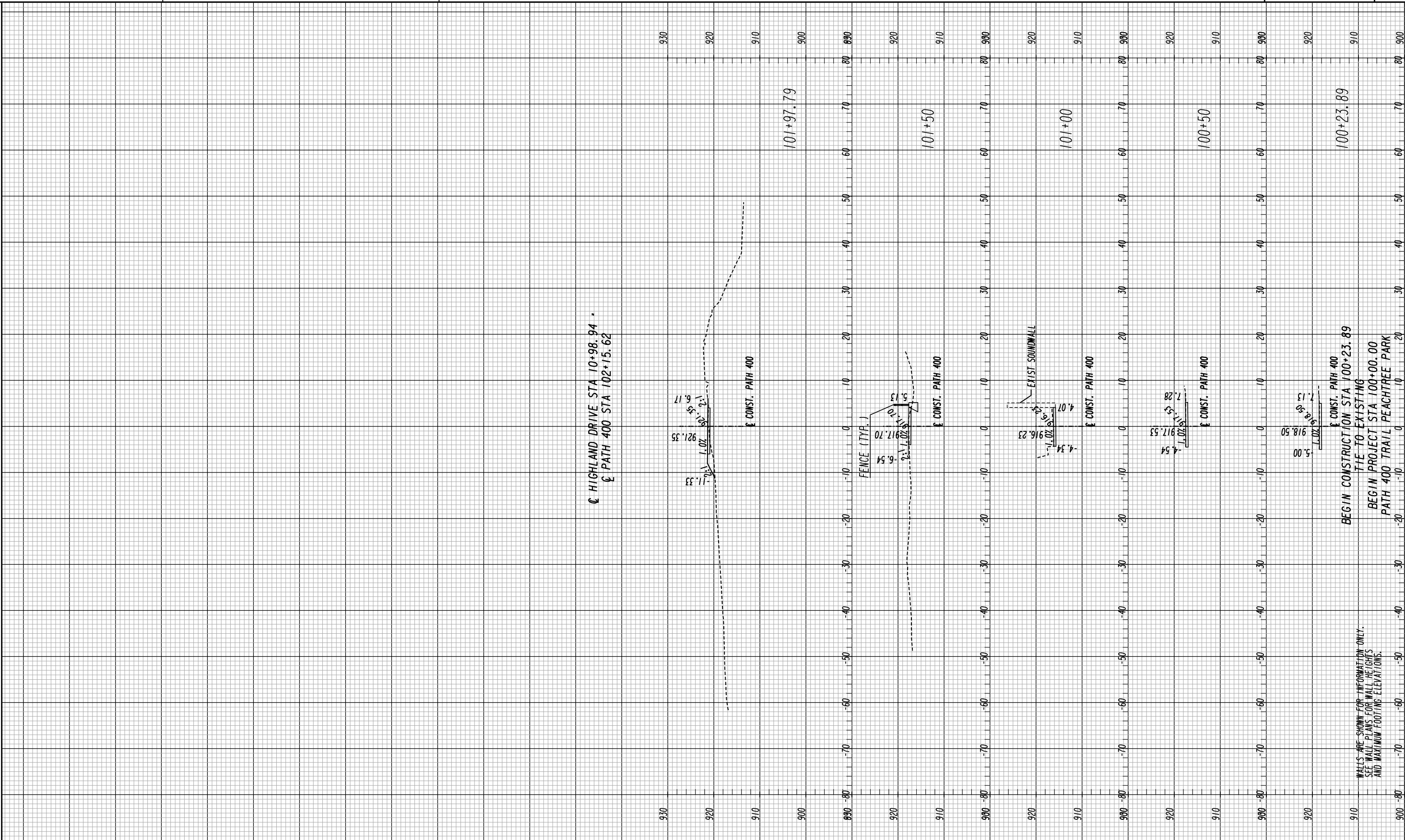
TOTAL PROJECT AREA: 1.91 AC
TOTAL DISTURBED AREA: 0.14 AC

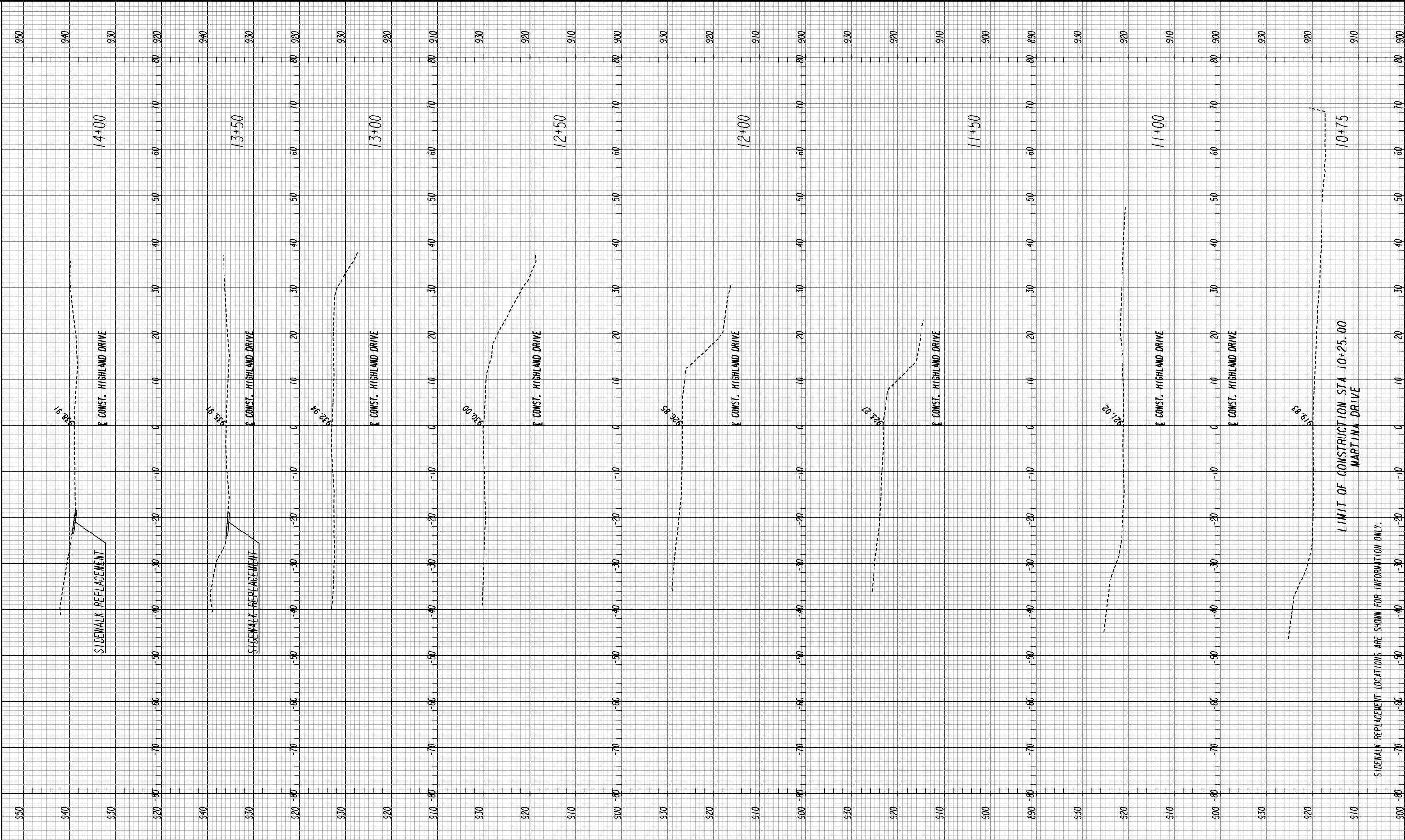
H&L Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

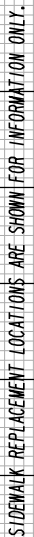


REVISION DATES			LIVABLE BUCKHEAD INC. & CITY OF ATLANTA			
			DRAINAGE AREA MAP			
			PATH 400			
			PEACHTREE PARK			
CHECKED:		DATE:				DRAWING No.
BACKCHECKED:		DATE:				21-0001
CORRECTED:		DATE:				
VERIFIED:		DATE:				

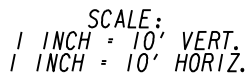
BASIN NO.	OUTFALL LOCATION AND DESCRIPTION				DISTURBED AREA	CONTRIBUTING AREA (ac)	EXISTING RUNOFF COEFFICIENT			EXISTING RUNOFF (CFS)			PROPOSED RUNOFF COEFFICIENT			PROPOSED RUNOFF (CFS)			PRE - HEADWATER ELEV.		PRE - VELOCITY (FPS)		POST - HEADWATER ELEV.		POST - VELOCITY (FPS)	
	ROAD	STATION	OFFSET	STRUCTURE TYPE			C ₂₅	C ₅₀	C ₁₀₀	(cfs) Q ₂₅	(cfs) Q ₅₀	(cfs) Q ₁₀₀	C ₂₅	C ₅₀	C ₁₀₀	(cfs) Q ₂₅	(cfs) Q ₅₀	(cfs) Q ₁₀₀	(ft) Hw ₅₀	(ft) Hw ₁₀₀	(fps) V ₅₀	(fps) V ₁₀₀	(ft) Hw ₅₀	(ft) Hw ₁₀₀	(fps) V ₅₀	(fps) V ₁₀₀
1A	PATH 400	101+42.02	2.33' LT	EXIST. PIPE	0.03	0.07	0.42	0.45	0.48	0.28	0.35	0.41	0.54	0.59	0.61	0.36	0.45	0.52	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
1B	PATH 400	101+45.23	23.86' LT	EXIST. PIPE	-	0.09	0.63	0.68	0.71	0.51	0.63	0.74	0.63	0.68	0.71	0.51	0.63	0.74	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
1C	HIGHLAND DRIVE	10+40.05	18.78' LT	EXIST. PIPE	-	1.24	0.76	0.82	0.86	8.72	10.72	12.55	0.76	0.83	0.86	8.74	10.75	12.58	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
1D	HIGHLAND DRIVE	11+07.82	28.28' RT	EXIST. PIPE	0.00	0.99	0.81	0.88	0.92	7.44	9.15	10.71	0.81	0.88	0.92	7.43	9.14	10.69	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
1E	HIGHLAND DRIVE	23+48.91	4.78' RT	EXIST 6" PVC PIPE	0.01	0.02	0.87	0.94	0.98	0.17	0.21	0.24	0.97	1.05	1.10	0.19	0.23	0.27	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
2A	HIGHLAND DRIVE	21+79	-	UNKNOWN PIPE	-	0.30	0.73	0.79	0.82	2.03	2.50	2.92	0.73	0.79	0.83	2.04	2.51	2.93	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
2B	HIGHLAND DRIVE	23+72.13	10.47' LT	EXIST. CONCRETE FLUME	0.07	0.39	0.86	0.94	0.98	3.17	3.89	4.56	0.89	0.97	1.01	3.27	4.02	4.71	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A

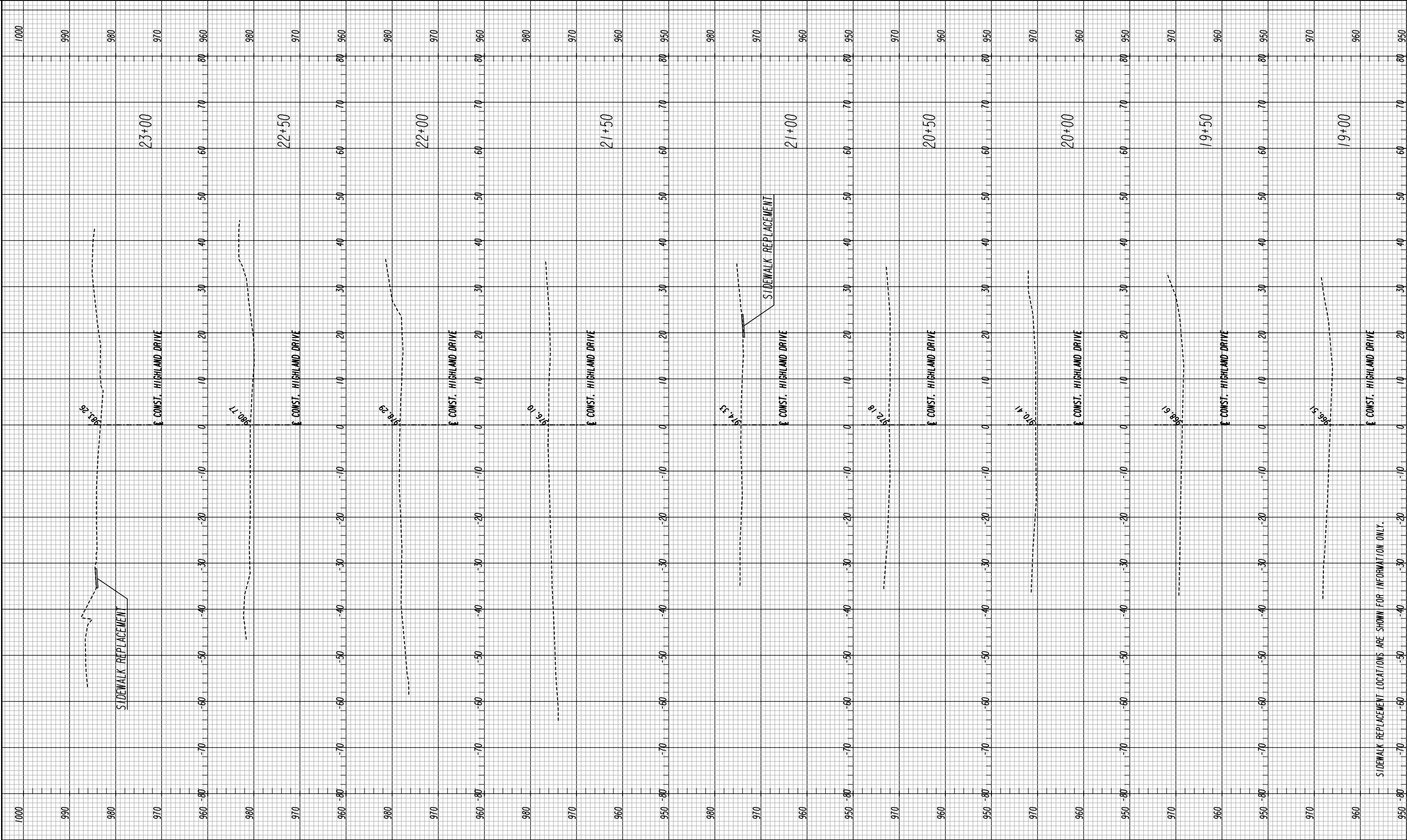






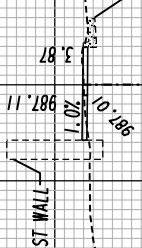
23-0003





SCALE:
1 INCH = 10' VERT.
1 INCH = 10' HORIZ.

REVISION DATES			LIVABLE BUCKHEAD INC. & CITY OF ATLANTA			
			CROSS SECTIONS			
			PATH 400			
			PEACHTREE PARK			
			CHECKED:		DATE:	DRAWING No.
			BACKCHECKED:		DATE:	23-0004
			CORRECTED:		DATE:	
			VERIFIED:		DATE:	



23-0005

SCALE:
1 INCH = 10' VERT.
1 INCH = 10' HORIZ.

UTILITY LINECODES				
	EXISTING	TO BE REMOVED	PROPOSED	TYPE OF UTILITY
OVERHEAD				ELECTRIC
				ELECTRIC/TELECOMMUNICATIONS
				ELECTRIC/CABLE TV
				ELECTRIC/TELECOMMUNICATIONS/CABLE TV
				GUY WIRE
				TELECOMMUNICATIONS
				TELECOMMUNICATIONS/CABLE TV
				CABLE TV
UNDERGROUND				ELECTRIC
				TELECOMMUNICATIONS
				CABLE TV
				WATER
				WATER FOR LABELED PIPE SIZES
				NON-POTABLE WATER
				NON-POTABLE WATER FOR LABELED PIPE SIZES
				STEAM
				STEAM FOR LABELED PIPE SIZES
				SANITARY SEWER WITH FLOW DIRECTION
				SANITARY SEWER WITH FLOW DIRECTION FOR LABELED PIPE SIZES
				SANITARY SEWER FORCE MAIN WITH FLOW DIRECTION
				GAS
				GAS FOR LABELED PIPE SIZES
				PETROLEUM
				PETROLEUM FOR LABELED PIPE SIZES

UTILITY SYMBOLS									
EXISTING	PROPOSED	TEMPORARY		EXISTING	PROPOSED	TEMPORARY			
			UTILITY POLE/GUY POLE				FIRE HYDRANT ASSEMBLY (INCLUDES ASSOCIATED VALVE)		
			LIGHT POLE				BACKFLOW PREVENTER		
			GUY ANCHOR				PRESSURE INDICATOR VALVE		
			MARKER				AIR RELEASE VALVE		
			SPLICE BOX				WELL		
			CABINET				WATER VAULT		
			VENT				WATER VALVE MARKER		
			ELECTRIC MANHOLE				STAND PIPE		
			HAND HOLE				CLEANOUT		
			TRANSFORMER				SANITARY SEWER MANHOLE		
			ELECTRIC METER				AIR RELEASE VALVE		
			ELECTRIC BOX				GREASE TRAP		
			TELECOMMUNICATIONS MANHOLE				SANITARY SEWER FORCE MAIN VALVE		
			TELECOMMUNICATIONS PEDESTAL				GAS VALVE		
			SUBSCRIBER LOOP CARRIER (aka "SLICK")				GAS METER		
			PHONE BOOTH				GAS MANHOLE		
			CABLE TV PEDESTAL				GAS PRESSURE REGULATOR		
			CABLE TV MANHOLE				GAS VAULT		
			WATER VALVE				GAS TEST STATION		
			WATER METER				PETROLEUM VALVE		
			WATER MANHOLE						



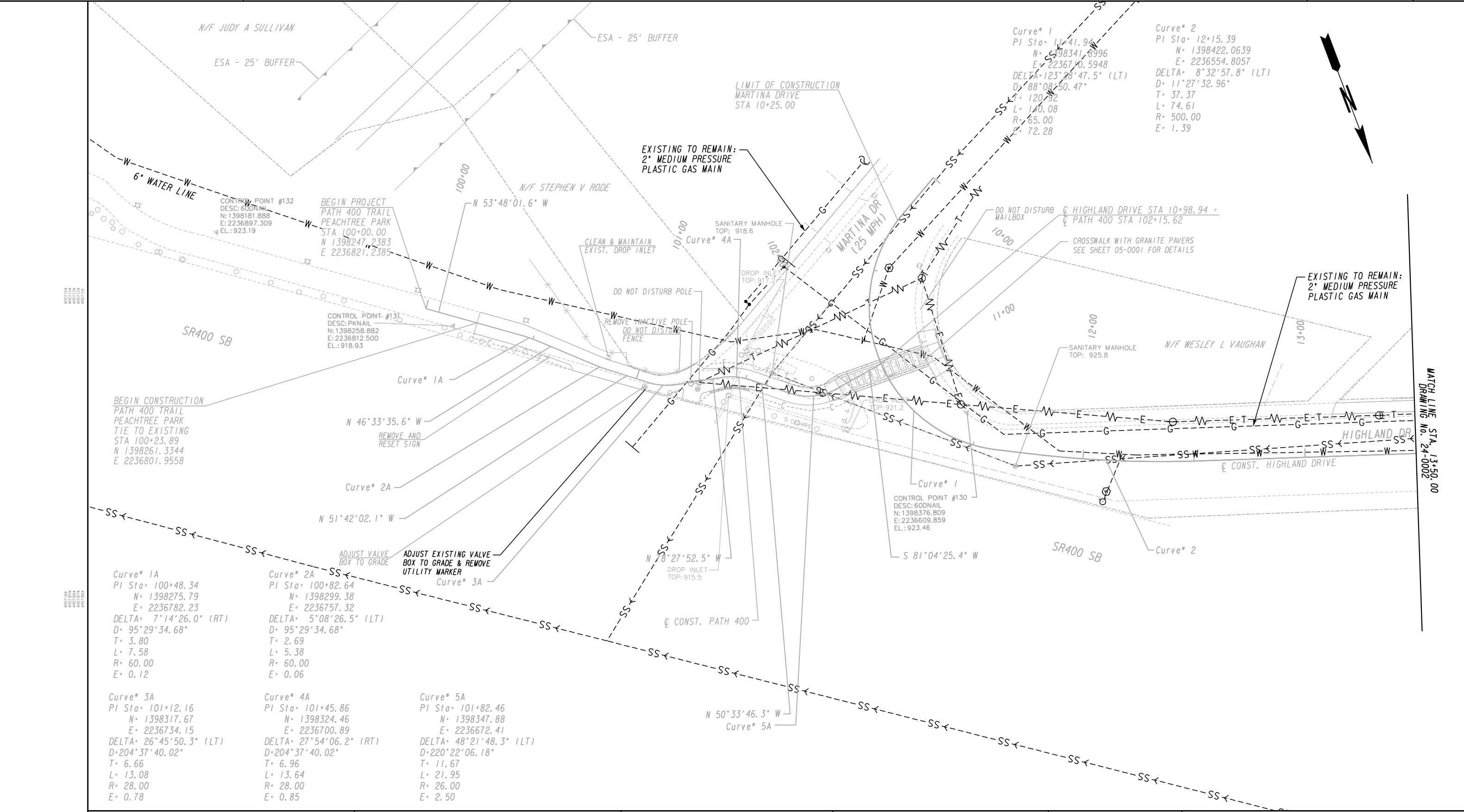
Know what's below.
Call before you dig.

REVISION DATES

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
UTILITY PLANS
PATH 400
PEACHTREE PARK

CHECKED:		DATE:		DRAWING No. 24-0000
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		

HL Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----

---C---F---

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

H

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Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET

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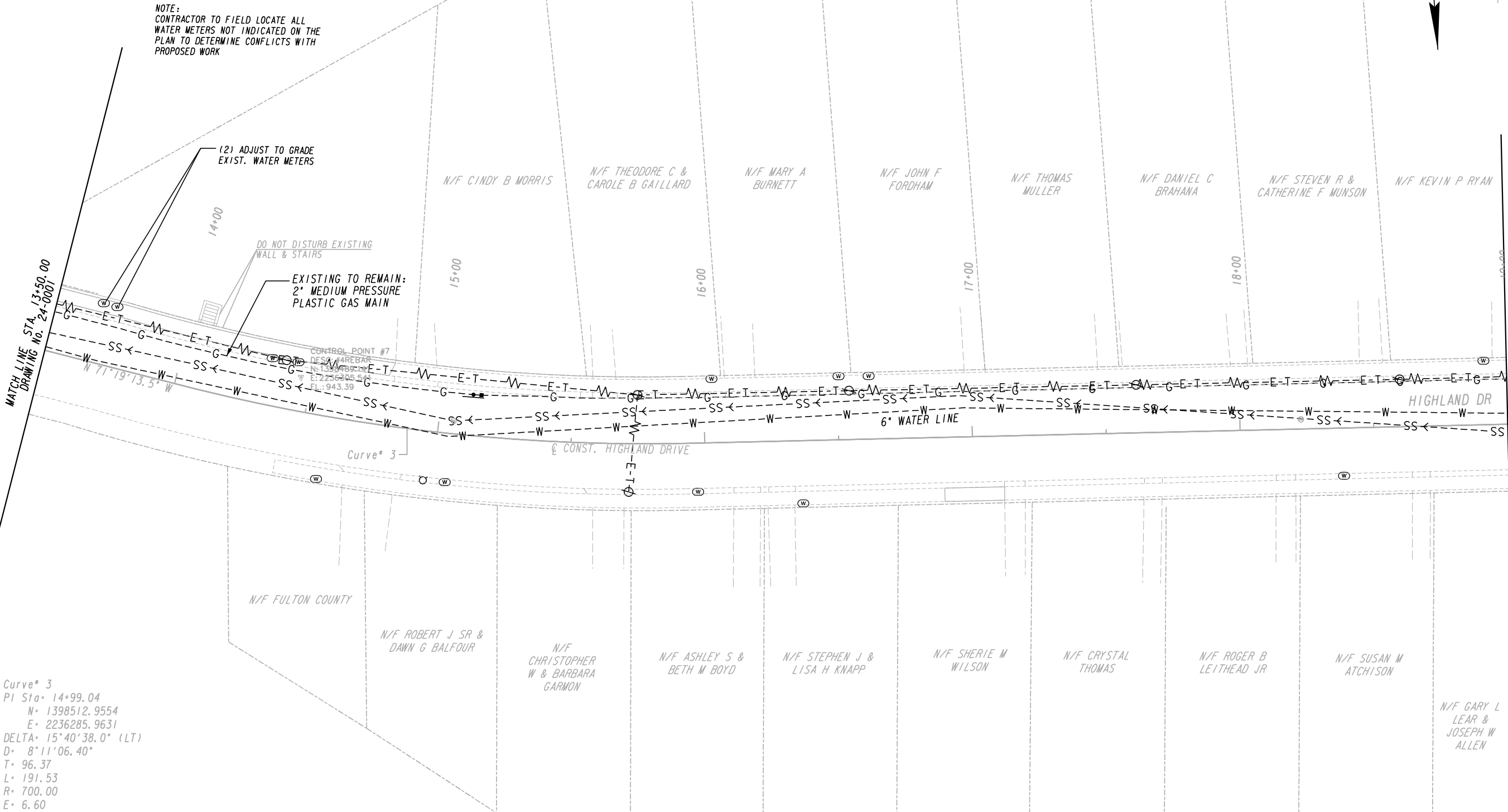
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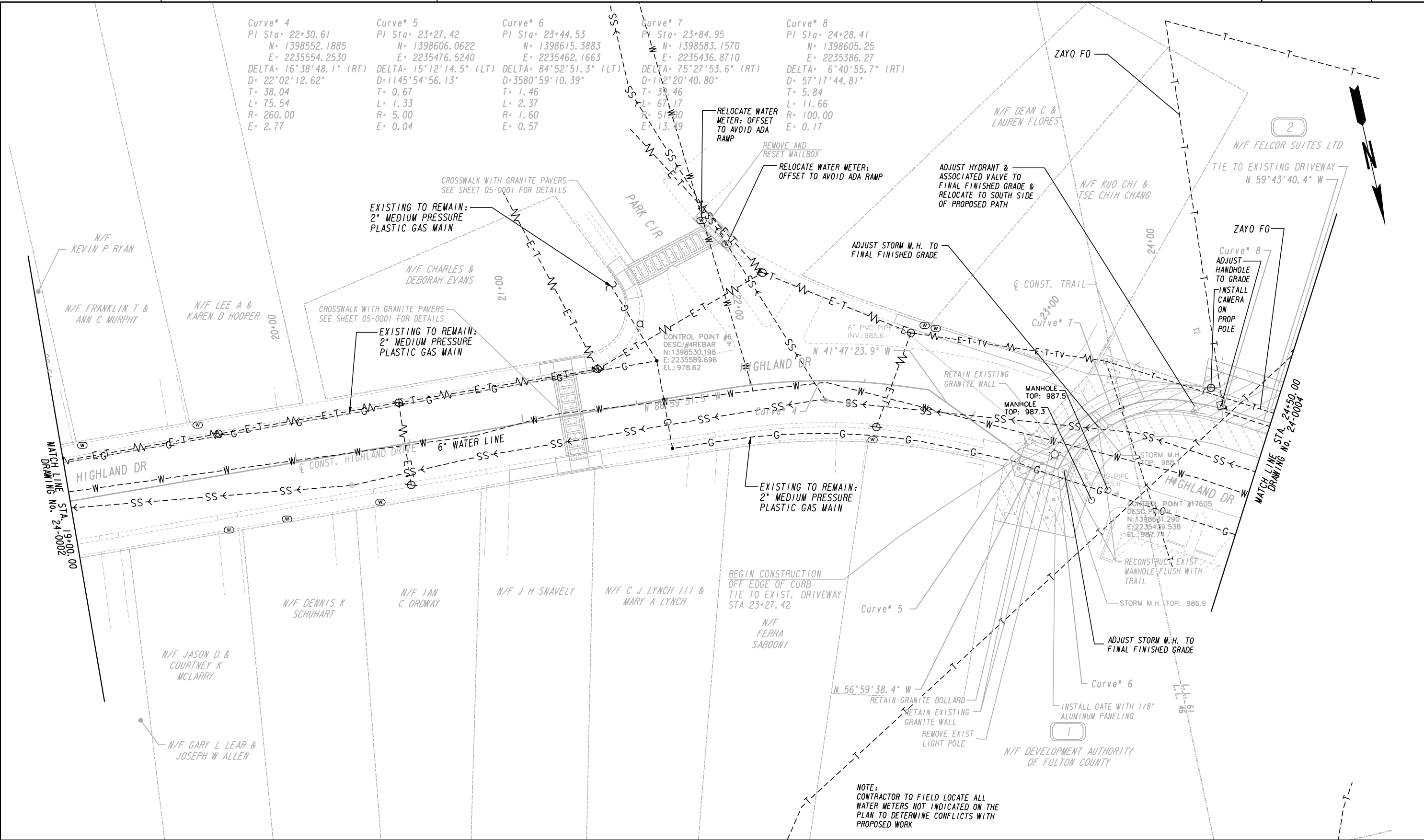
REVISION DATES

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA

UTILITY PLANS
PATH 400
PEACHTREE PARK

CHECKED:	DATE:	DRAWING No. 24-0001
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	





PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----

-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

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Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET

0

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60

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REVISION DATES

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
UTILITY PLANS
PATH 400
PEACHTREE PARK

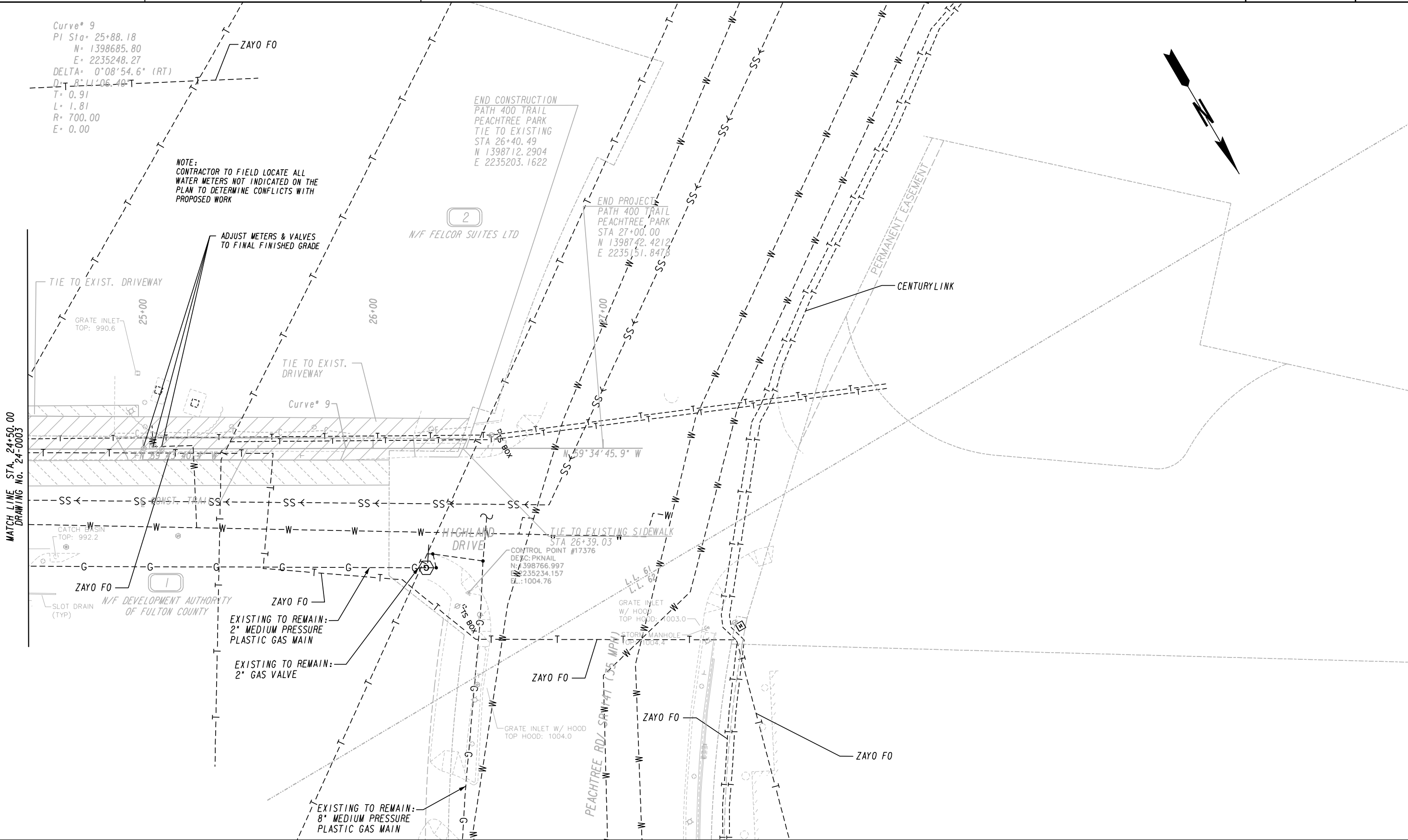
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CORRECTED:
VERIFIED:

DATE:
DATE:
DATE:
DATE:

DRAWING No.
24-0003

7/31/2015

GPLN



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----

---C---F---

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

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H&L

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

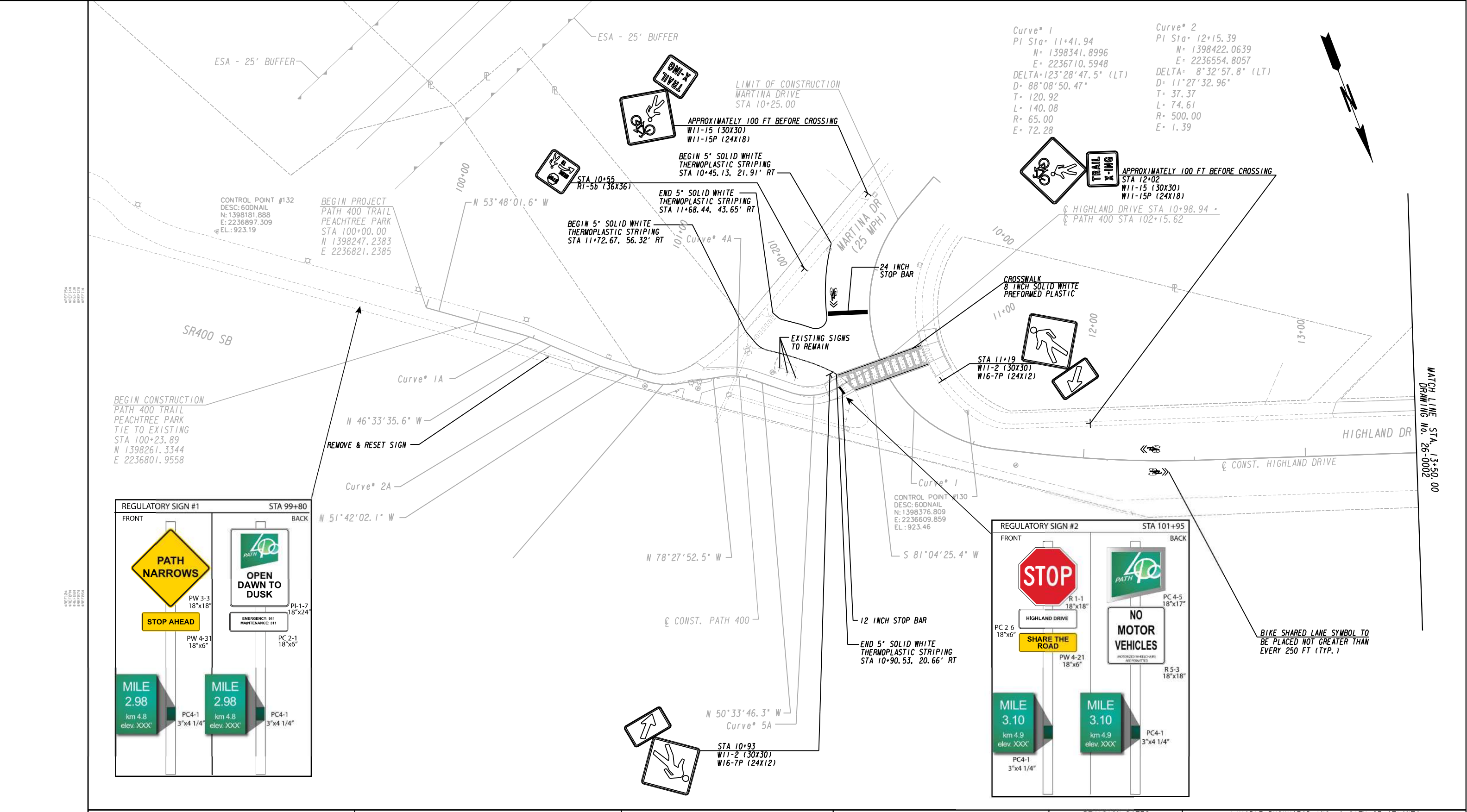
SCALE IN FEET

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REVISION DATES

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
UTILITY PLANS
PATH 400
PEACHTREE PARK

CHECKED:	DATE:	DRAWING No. 24-0004
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----

---C---F---

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

HL

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2390 CANTON ROAD, BUILDING 200
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SCALE IN FEET

0204080

REVISION DATES

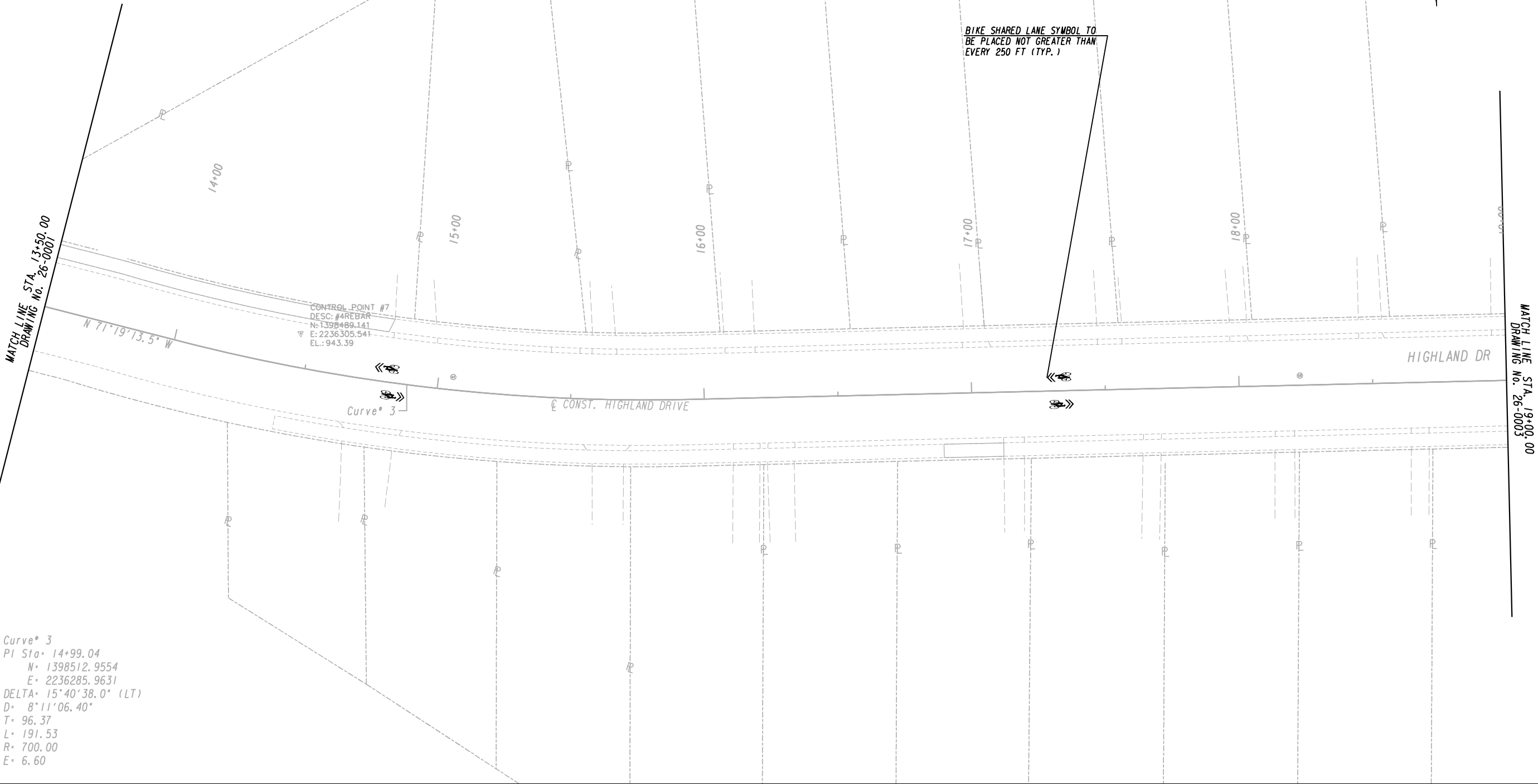
LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
SIGNING AND MARKING PLANS
PATH 400
PEACHTREE PARK

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	26-0001
CORRECTED:	DATE:	
VERIFIED:	DATE:	

NO TRAIL SIGN PROPOSED ON THIS SHEET

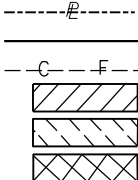


BIKE SHARED LANE SYMBOL TO
BE PLACED NOT GREATER THAN
EVERY 250 FT (TYP.)

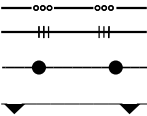


Curve* 3
PI Sta= 14+99.04
N= 1398512.9554
E= 2236285.9631
DELTA= 15°40'38.0" (LT)
D= 8°11'06.40"
T= 96.37
L= 191.53
R= 700.00
E= 6.60

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES



BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

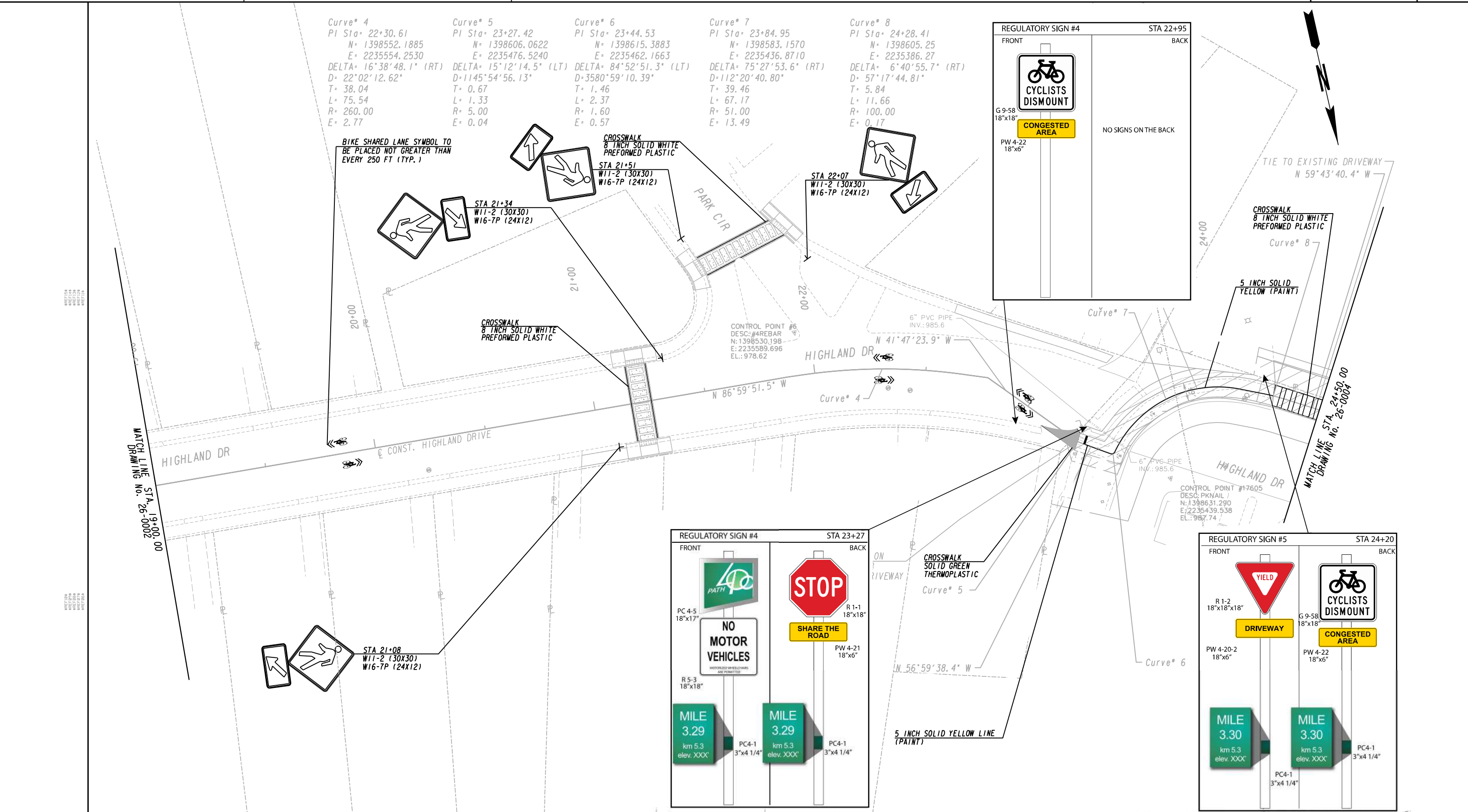




Heath & Lineback Engineers
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MARIETTA, GEORGIA 30066-5393
(770)424-1668



REVISION DATES			LIVABLE BUCKHEAD INC. & CITY OF ATLANTA			
			SIGNING AND MARKING PLANS			
			PATH 400			
			PEACHTREE PARK			
CHECKED:		DATE:		DRAWING No.		
BACKCHECKED:		DATE:		26-0002		
CORRECTED:		DATE:				
VERIFIED:		DATE:				



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----
-----C-----F-----

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

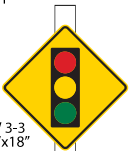
SCALE IN FEET

REVISION DATES

NO.	DATE	DESCRIPTION

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
SIGNING AND MARKING PLANS
PATH 400
PEACHTREE PARK

CHECKED:	DATE:	DRAWING No. 26-0003
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

REGULATORY SIGN #6	STA 25+10
FRONT	BACK
 W 3-3 18"x18" INTERSECTION AHEAD PW 4-1 18"x6" MILE 3.35 km 5.4 elev. XXX PC4-1 3"x4 1/4"	 R 1-2 18"x18"x18" DRIVEWAY PW 4-20-2 18"x6" MILE 3.35 km 5.4 elev. XXX PC4-1 3"x4 1/4"

REGULATORY SIGN #7

FRONT

STA 26+35

BACK

R 10-23
18"x24"

PC 2-6
18"x6"

PEACHTREE ROAD

MILE
3.38
km 5.4
elev. XXX'

PC4-1
3"x4 1/4"

NO
MOTOR
VEHICLES
AUTHORIZED VEHICLES
ARE PERMITTED

PC 4-5
18"x17"

R 5-3
18"x18"

MILE
3.38
km 5.4
elev. XXX'

PC4-1
3"x4 1/4"

400
PATH

SECONDARY WAYFINDING SIGN			STA 26+20
FRONT	FACING TRAIL	BACK	

HL **Heath & Lineback Engineers**
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET

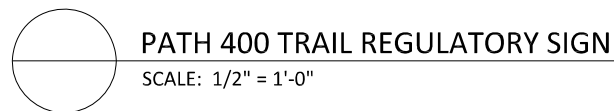
0 20 40 80

REVISION DATES

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
SIGNING AND MARKING PLANS
PATH 400
PEACHTREE PARK

CHECKED:	DATE:	DRAWING No. 26-000
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

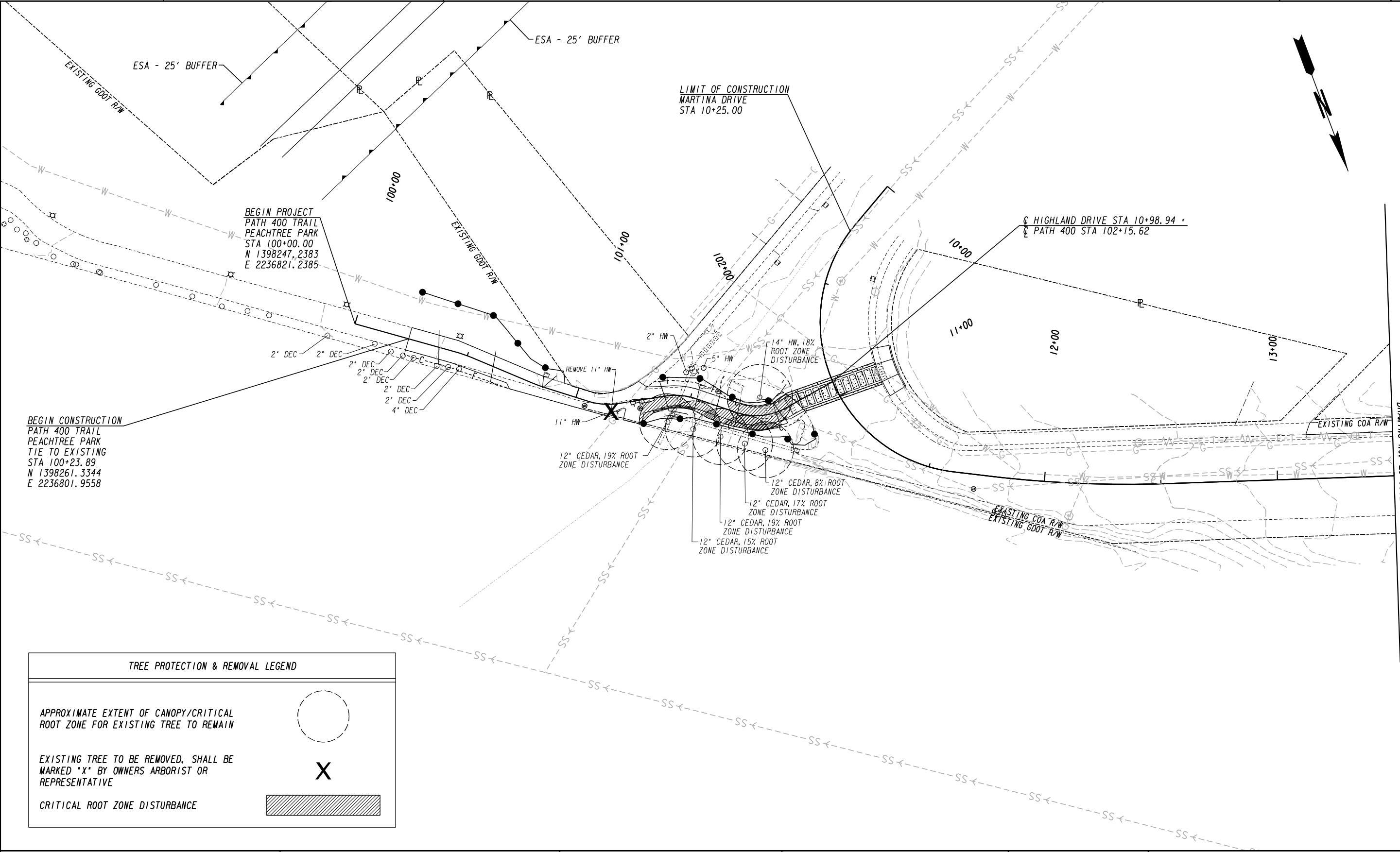
26-0004



REVISION DATES			LIVABLE BUCKHEAD INC. & CITY OF ATLANTA				
			SIGNING AND MARKING PLANS				
			PATH 400				
			PEACHTREE PARK				
			CHECKED:		DATE:		DRAWING No.
			BACKCHECKED:		DATE:		26-0005
			CORRECTED:		DATE:		
			VERIFIED:		DATE:		



REVISION DATES			LIVABLE BUCKHEAD INC. & CITY OF ATLANTA				
			SIGNING AND MARKING PLANS PATH 400 PEACHTREE PARK				
			CHECKED:		DATE:		DRAWING No.
			BACKCHECKED:		DATE:		26-0006
			CORRECTED:		DATE:		
			VERIFIED:		DATE:		



TREE PROTECTION & REMOVAL LEGEND

APPROXIMATE EXTENT OF CANOPY/CRITICAL ROOT ZONE FOR EXISTING TREE TO REMAIN

EXISTING TREE TO BE REMOVED, SHALL BE MARKED 'X' BY OWNERS ARBORIST OR REPRESENTATIVE

CRITICAL ROOT ZONE DISTURBANCE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----

---C---F---

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

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III III

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Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET

0 20 40 80

REVISION DATES

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
TREE PROTECTION & REMOVAL PLANS
PATH 400
PEACHTREE PARK

CHECKED: DATE: DRAWING No.
BACKCHECKED: DATE:
CORRECTED: DATE:
VERIFIED: DATE:

29-0001

7/31/2015

GPLN

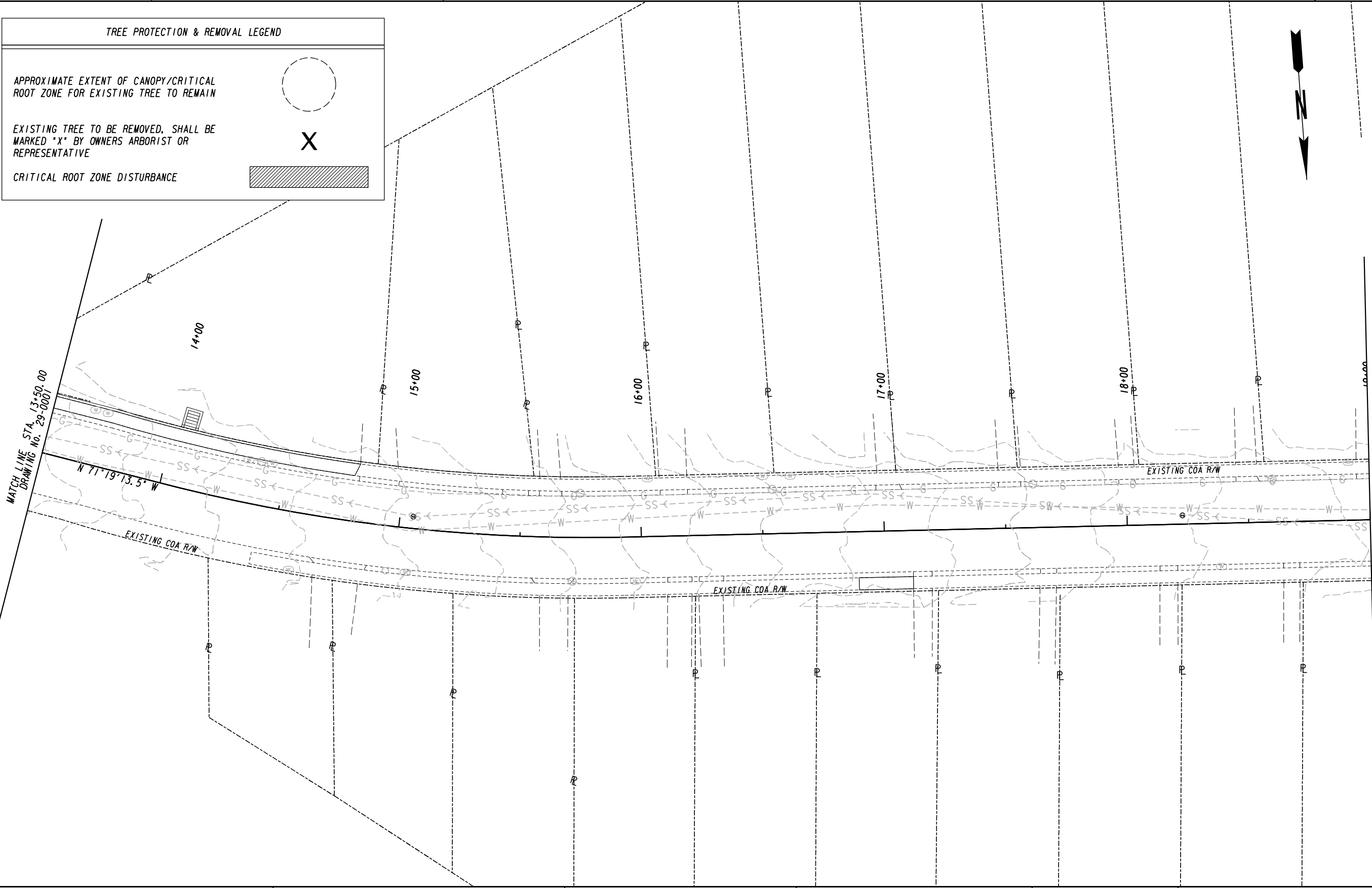
PREPARED BY: J. KELLY
CHECKED BY: J. KELLY
DATE: 12/10/2020

TREE PROTECTION & REMOVAL LEGEND

APPROXIMATE EXTENT OF CANOPY/CRITICAL ROOT ZONE FOR EXISTING TREE TO REMAIN

EXISTING TREE TO BE REMOVED, SHALL BE MARKED *X* BY OWNERS ARBORIST OR REPRESENTATIVE

CRITICAL ROOT ZONE DISTURBANCE



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----

---C---F---

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

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MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET

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REVISION DATES

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
TREE PROTECTION & REMOVAL PLANS
PATH 400
PEACHTREE PARK

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DRAWING No.
29-0002

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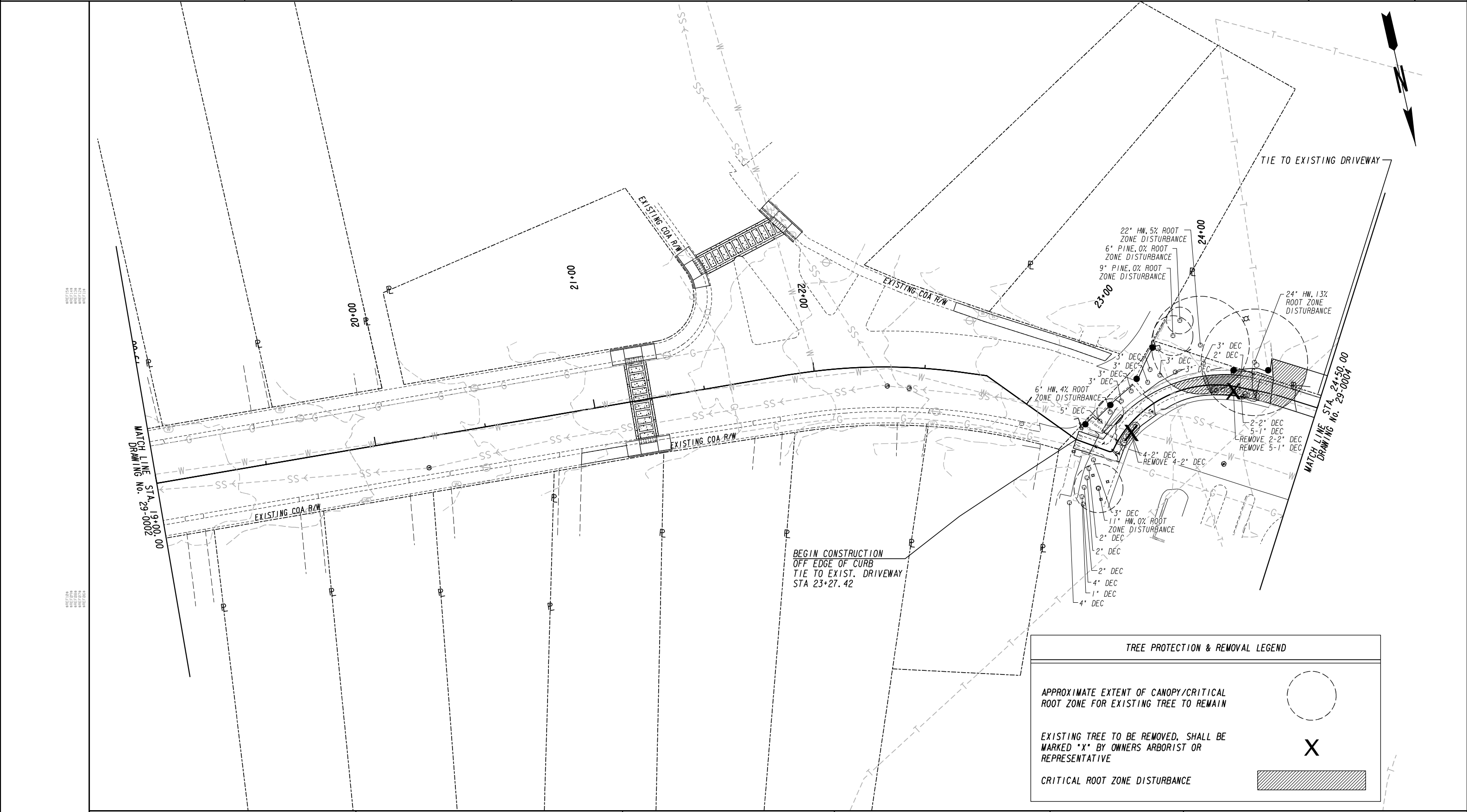
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VERIFIED: DATE:

7/31/2015

GPLN

PREPARED BY: JPK
CHECKED BY: JPK
DESIGNED BY: JPK
DRAWN BY: JPK
DATE: 7/31/2015



PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----

---C---F---

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

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Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET

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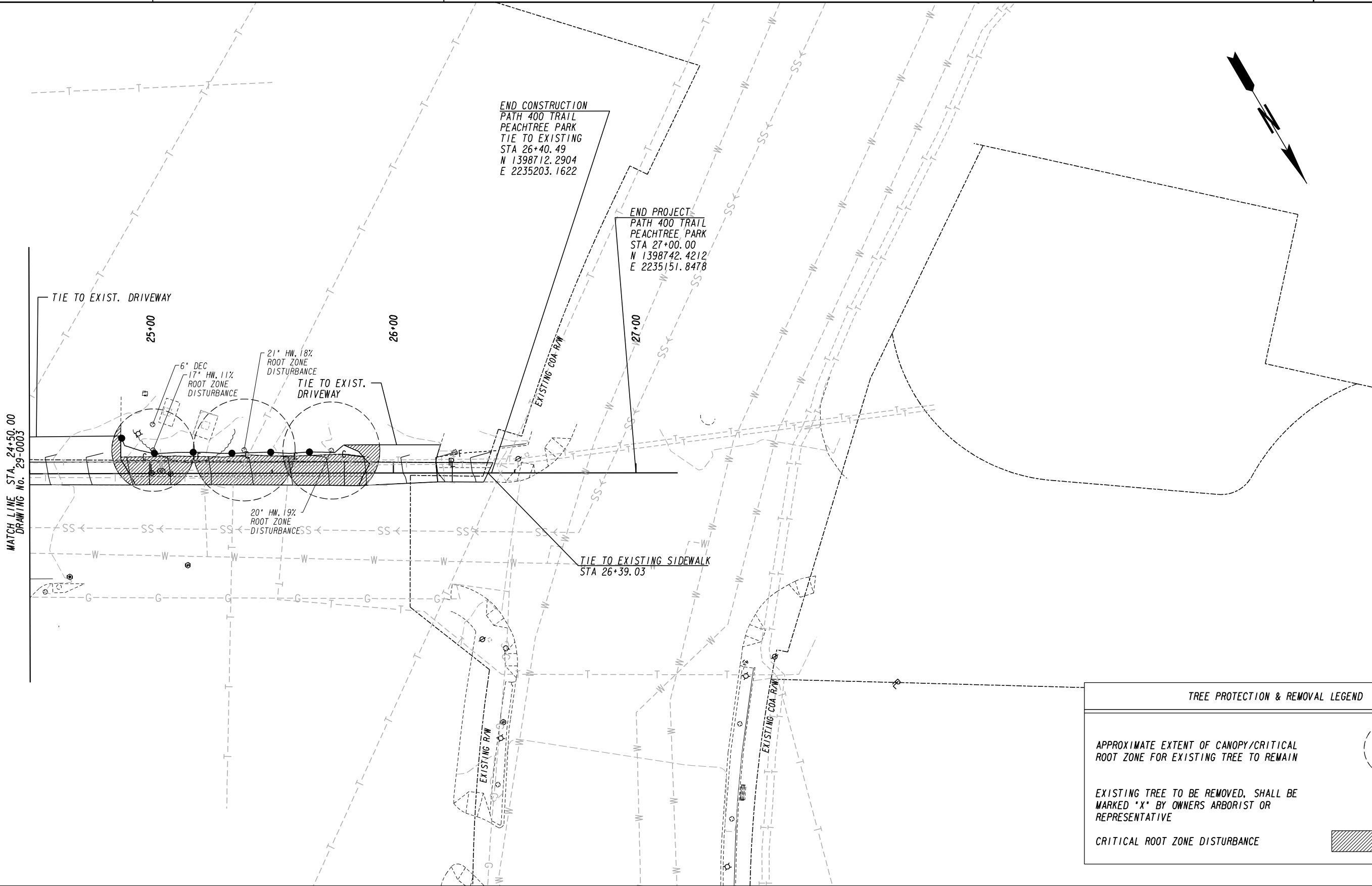
REVISION DATES

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
TREE PROTECTION & REMOVAL PLANS
PATH 400
PEACHTREE PARK

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DATE:

DRAWING No.
29-0003



TREE PROTECTION & REMOVAL LEGEND

APPROXIMATE EXTENT OF CANOPY/CRITICAL
ROOT ZONE FOR EXISTING TREE TO REMAIN

EXISTING TREE TO BE REMOVED, SHALL BE
MARKED "X" BY OWNERS ARBORIST OR
REPRESENTATIVE

CRITICAL ROOT ZONE DISTURBANCE

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

SCALE IN FEET

REVISION DATES

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
TREE PROTECTION & REMOVAL PLANS
PATH 400
PEACHTREE PARK

CHECKED:
BACKCHECKED:
CORRECTED:
VERIFIED:

DATE:
DATE:
DATE:
DATE:

DRAWING No.
29-0004

TREES REMOVED		
TREE	EA	DBH INCHES DESTROYED
HARDWOOD	1	11

TREE IMPACT CALCULATIONS								
TREE	LOCATION	CRZ (SF)	EXISTING IMPERVIOUS OVERLAP	NET CRZ	DISTURBANCE	NCRZ IMPACT	ROOT PLATE/IMPACTED	DETERMINATION
11 " HW	RT	380	79	301	109	36%	6.44/YES	DESTROYED
12 " CEDAR	RT	452	14	438	85	19%	6.75/NO	SAVED
12 " CEDAR	RT	452	0	452	70	15%	6.75/NO	SAVED
12 " CEDAR	RT	452	0	452	88	19%	6.75/NO	SAVED
12 " CEDAR	RT	452	2	450	76	17%	6.75/NO	SAVED
12 " CEDAR	RT	452	0	452	35	8%	6.75/NO	SAVED
14 " HW	LT	616	120	496	90	18%	7.38/NO	SAVED
6 " HW	LT	113	40	73	3	4%	5.00/NO	SAVED
22 " HW	LT	1521	212	1309	61	5%	8.94/NO	SAVED
24 " HW	LT	1810	876	934	126	13%	9.25/NO	SAVED
17 " HW	LT	908	265	643	69	11%	8.16/NO	SAVED
21 " HW	LT	1385	363	1022	189	18%	8.78/NO	SAVED
20 " HW	LT	1257	395	862	168	19%	8.63/NO	SAVED

TREE REPLACEMENT CALCULATIONS			
REPLACEMENT TREES OFF-SITE	QUANTITY REPLACE	CALIPER INCHES/TREE	TOTAL CALIPER INCHES
TULIP TREE	2	3	6
OCTOBER GLORY MAPLE	1	3	3
OCTOBER GLORY MAPLE	1	2	2
			11

RECOMPENSE CALCULATIONS

$$\text{Total \$} = \$100 [(\# \text{ tree destroyed} + \# \text{ trees lost}) - \# \text{ trees replaced}] + \$30 [(\text{DBH inches destroyed} + \text{DBH inches lost}) - \text{caliper inches replaced}] = \text{\$-300}$$

REVISION DATES		LIVABLE BUCKHEAD INC. & CITY OF ATLANTA	
		TREE PROTECTION & REMOVAL PLANS	
		PATH 400	
		PEACHTREE PARK	
		CHECKED:	DRAWING No.
		BACKCHECKED:	29-0005
		CORRECTED:	
		VERIFIED:	



Last modified on 12/21/20 by SDOLLINGER
File located in S:\2018\18044\Graphics_C - CAD\04 - Landscape\ 18044LW1.dwg

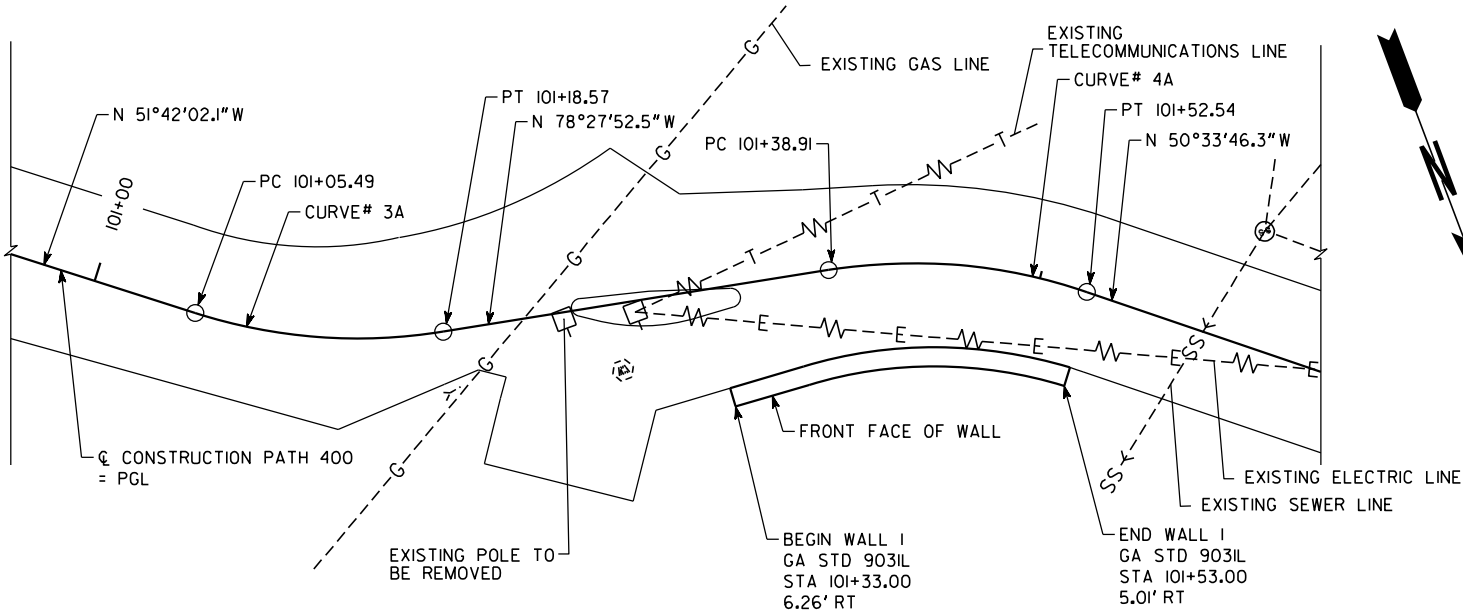
PATH 400
Miami Circle to Bynum Bridge
SITE SOLUTIONS
ATLANTA, GEORGIA

DATE	08-29-2018
JOB NO.	18044
DWG	18044LW1
DRAWN	SB
CHECKED	SAS
SCALE	AS SHOWN

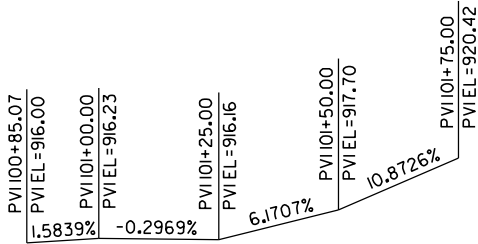
29-0006

3445 Peachtree RD NE
Suite 1425
Atlanta, Georgia 30326
www.hgor.com
p. 404-248-1960
f. 404-248-1092

NOT RELEASED FOR CONSTRUCTION

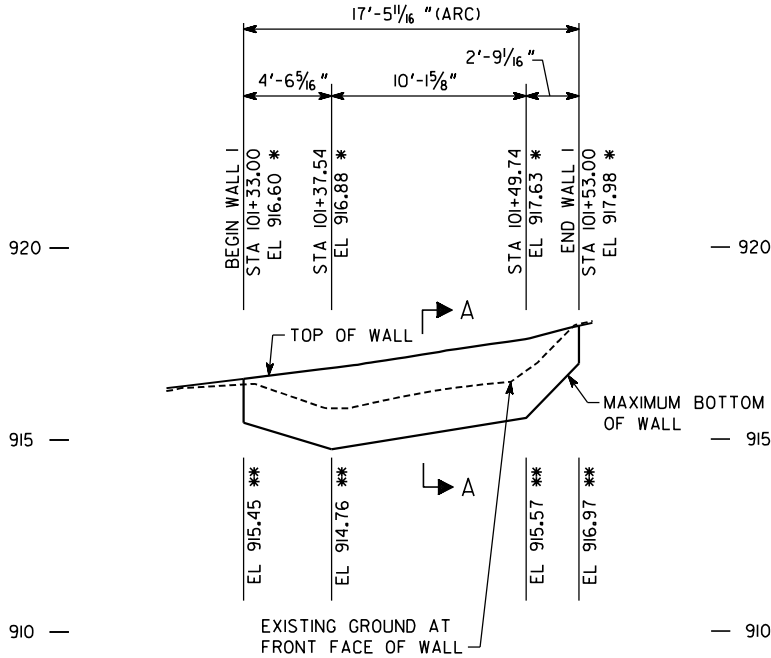


PLAN

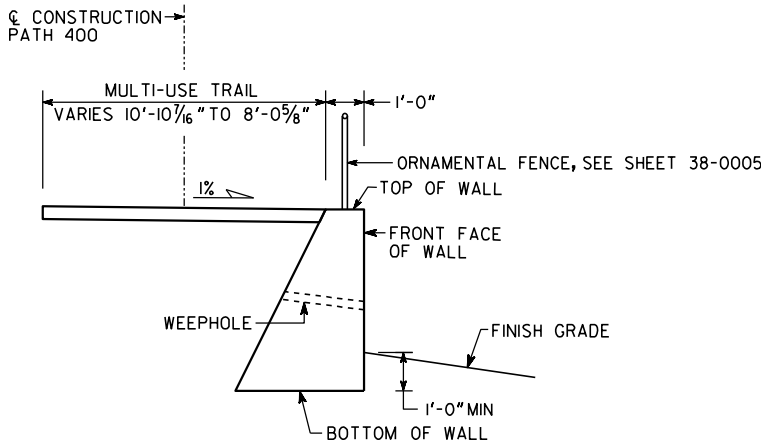


PROPOSED GRADE DATA
ALONG PGL

CURVE# 3A	CURVE# 4A
PI STA= 101+12.16	PI STA= 101+45.86
N= 1398317.67	N= 1398324.46
E= 2236734.15	E= 2236700.89
DELTA= 26°45'50.3"(LT)	DELTA= 27°54'06.2"(RT)
D=204°37'40.02"	D=204°37'40.02"
T= 6.66	T= 6.96
L= 13.08	L= 13.64
R= 28.00	R= 28.00
E= 0.78	E= 0.85



ELEVATION
LOOKING AT FRONT FACE OF WALL
HORIZONTAL SCALE: 1" = 5'-0"
VERTICAL SCALE: 1" = 2'-6"



- NOTES:
- SEE GEORGIA STANDARD DETAIL 903IL, TYPICAL SECTION A, FOR WALL DETAILS.
 - STATIONS ARE ALONG CL CONSTRUCTION PATH 400.
 - ALL LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
 - * TOP OF WALL ELEVATION.
 - ** MAX BOTTOM OF WALL ELEVATION.
 - FRONT FACE OF WALL SHALL HAVE AN ASHLAR FINISH.
 - UTILITIES ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL VERIFY THE LOCATIONS PRIOR TO WALL CONSTRUCTION.

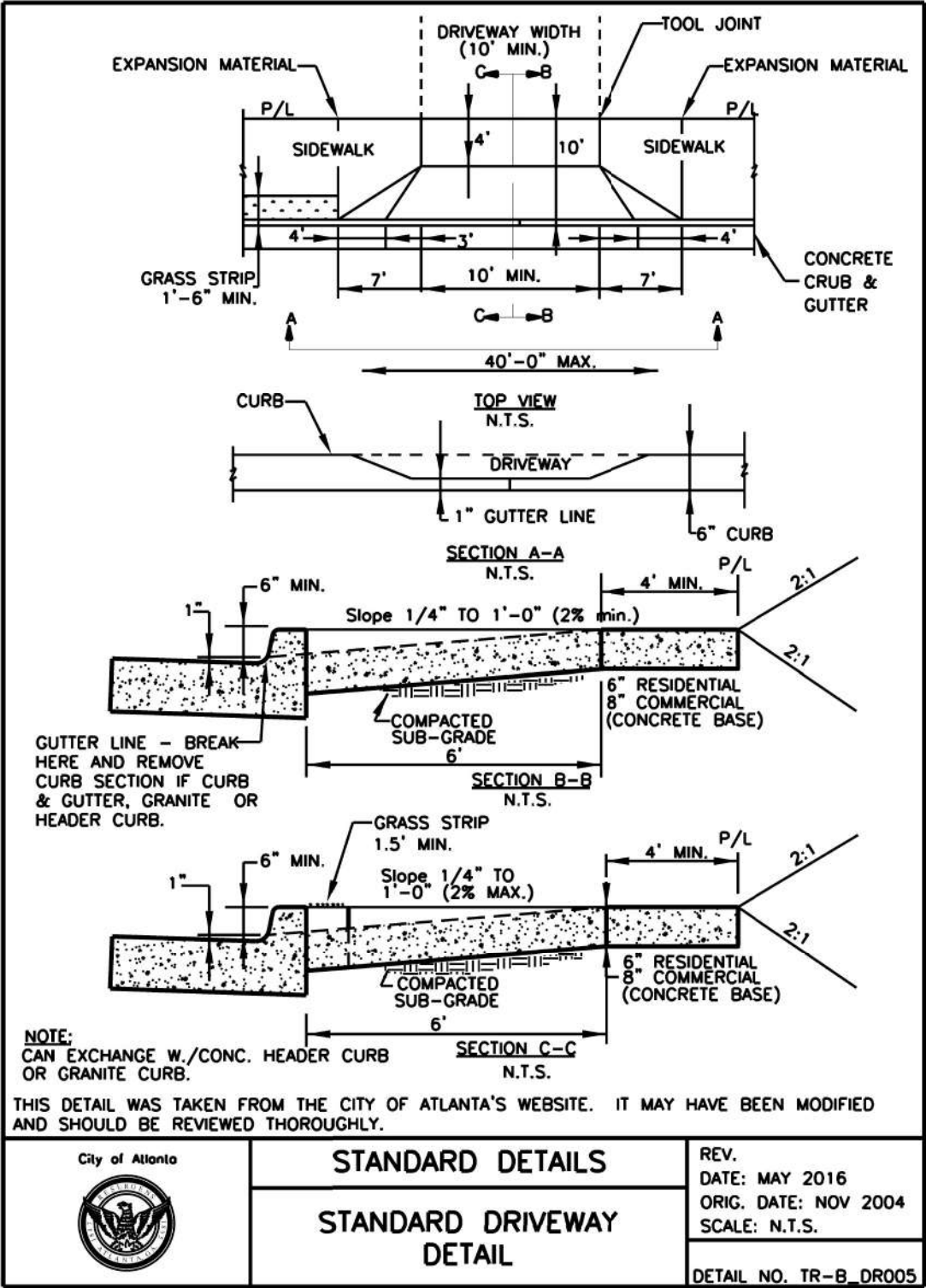
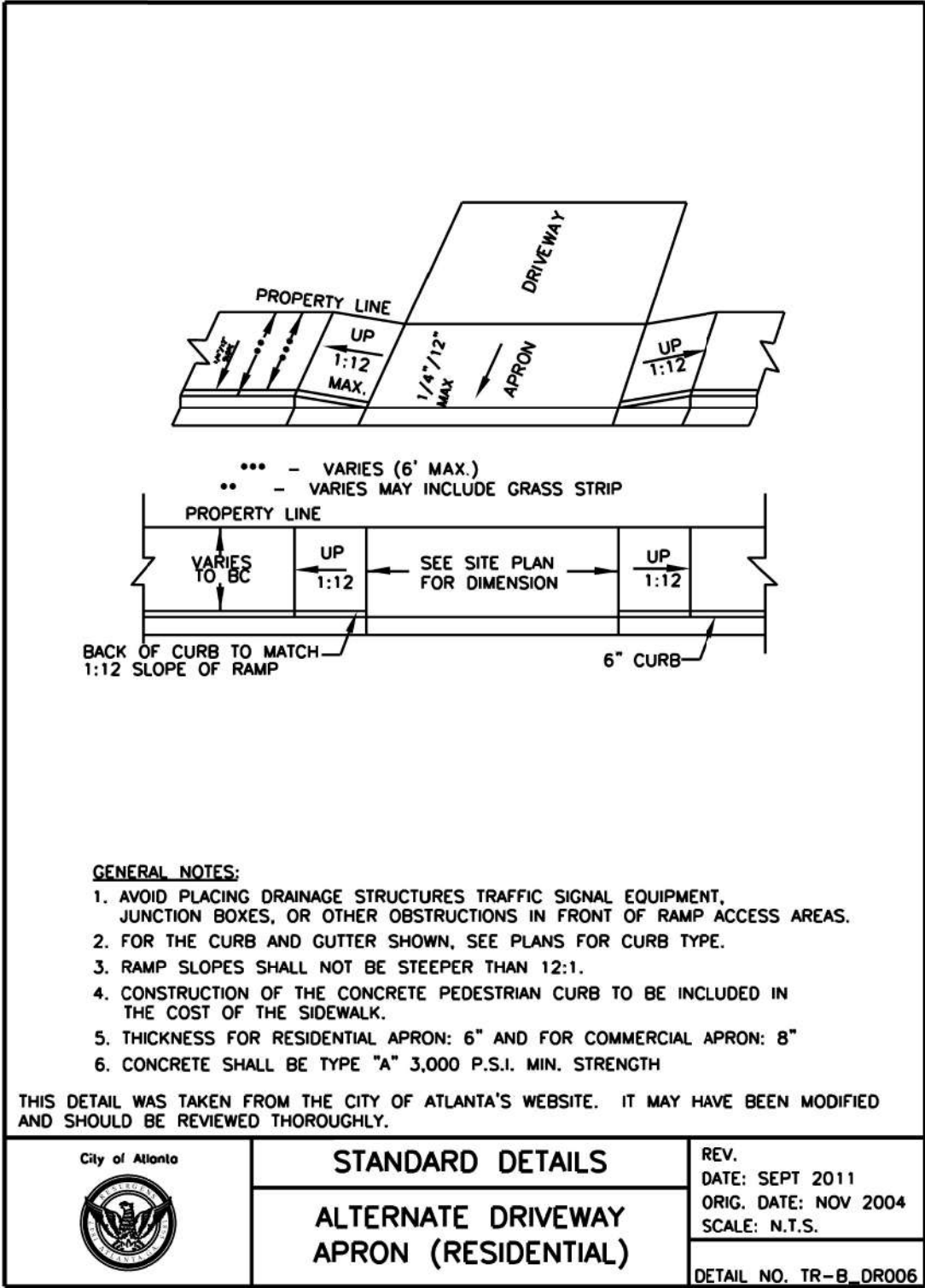
H&L Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

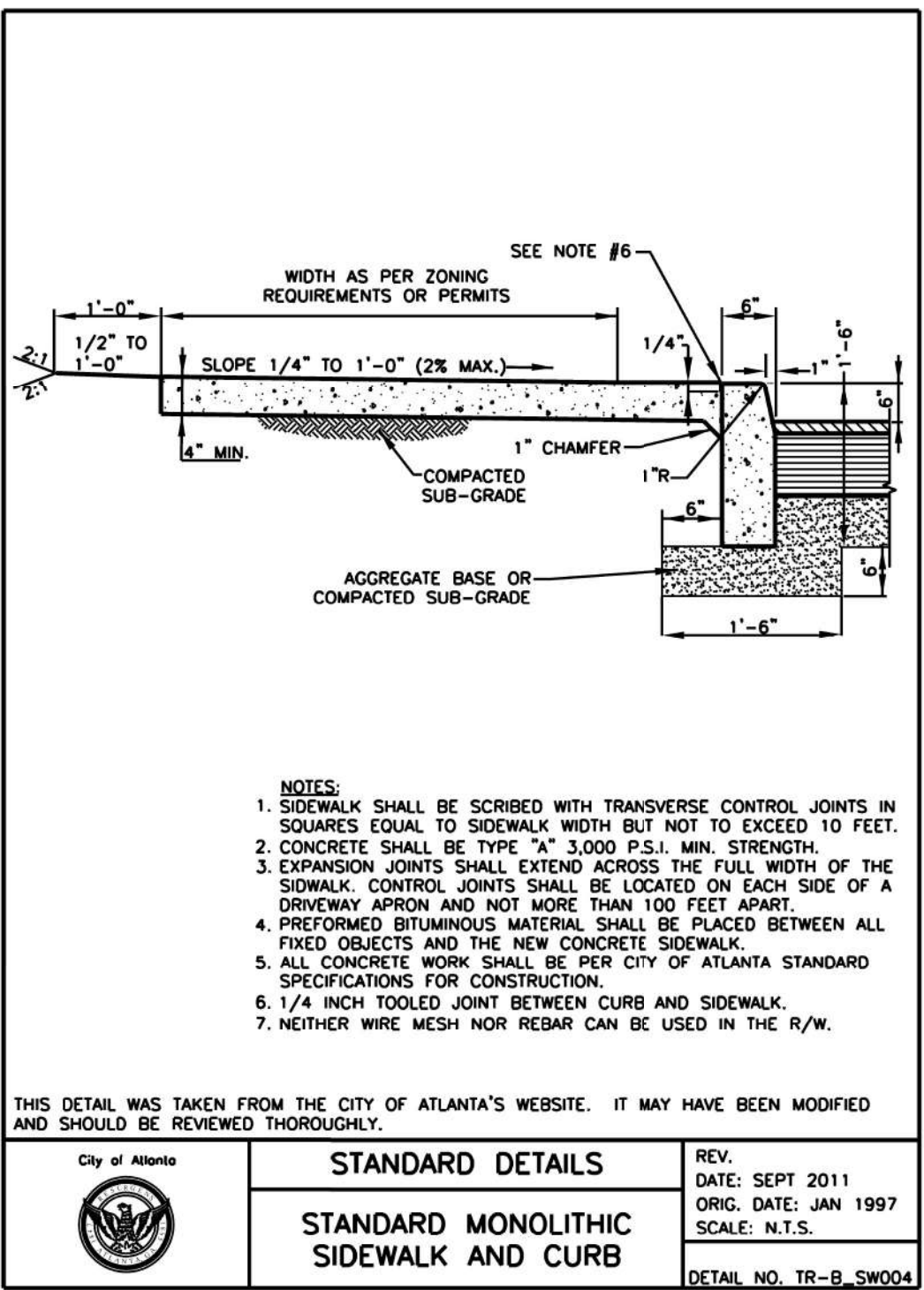
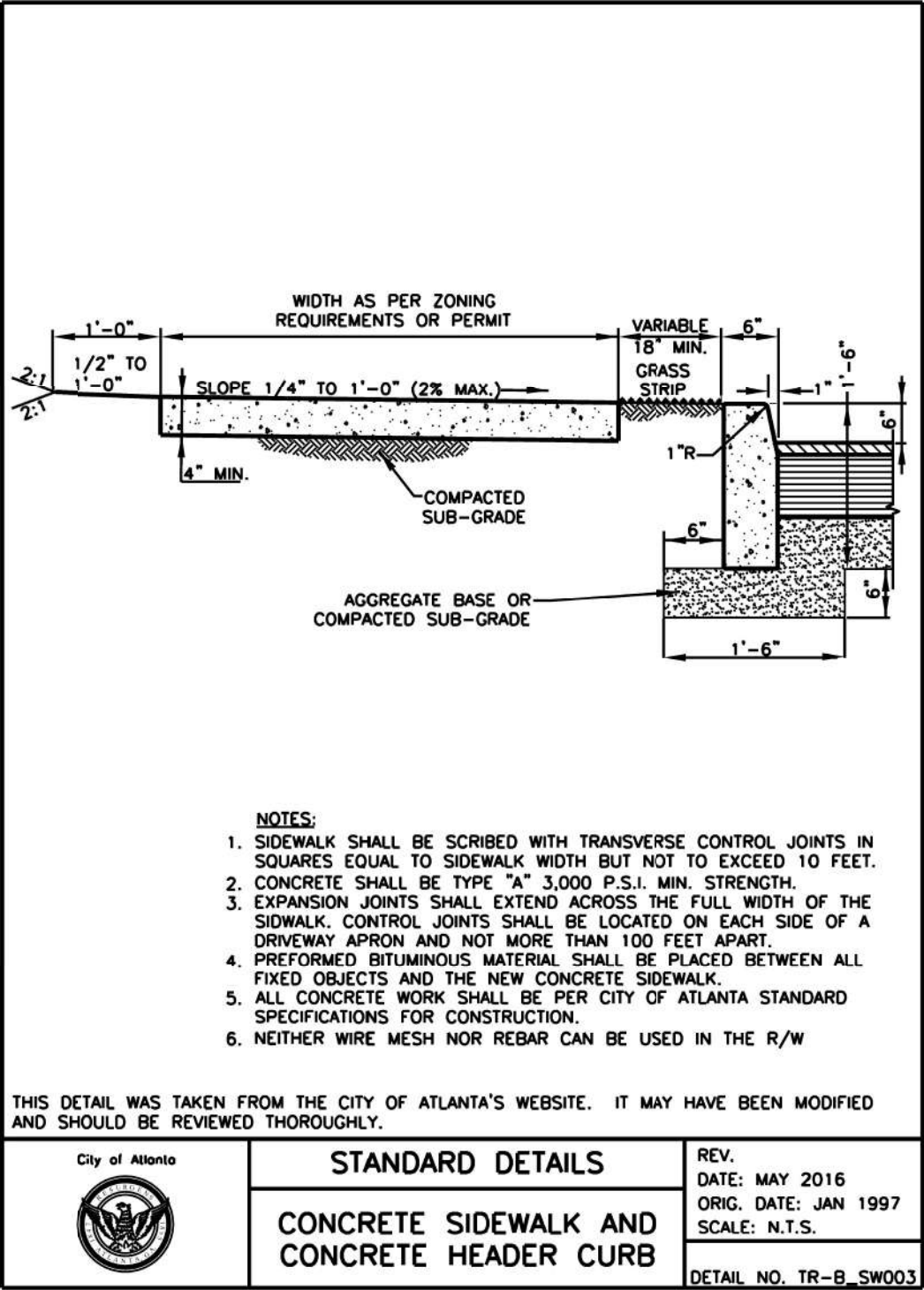
REVISION DATES

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
RETAINING WALL ENVELOPES
PATH 400
PEACHTREE PARK

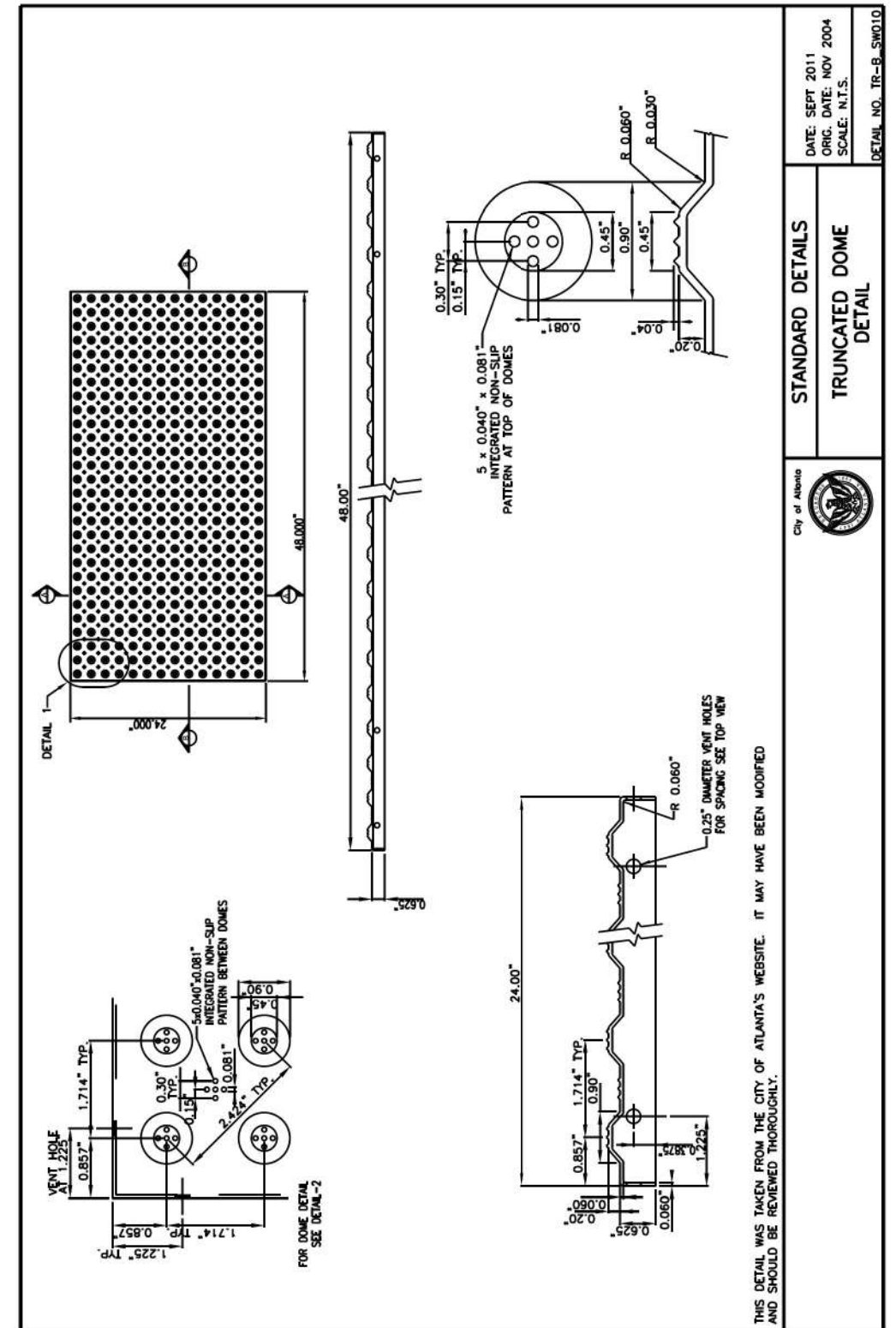
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VERIFIED:	DATE:	

31-0001

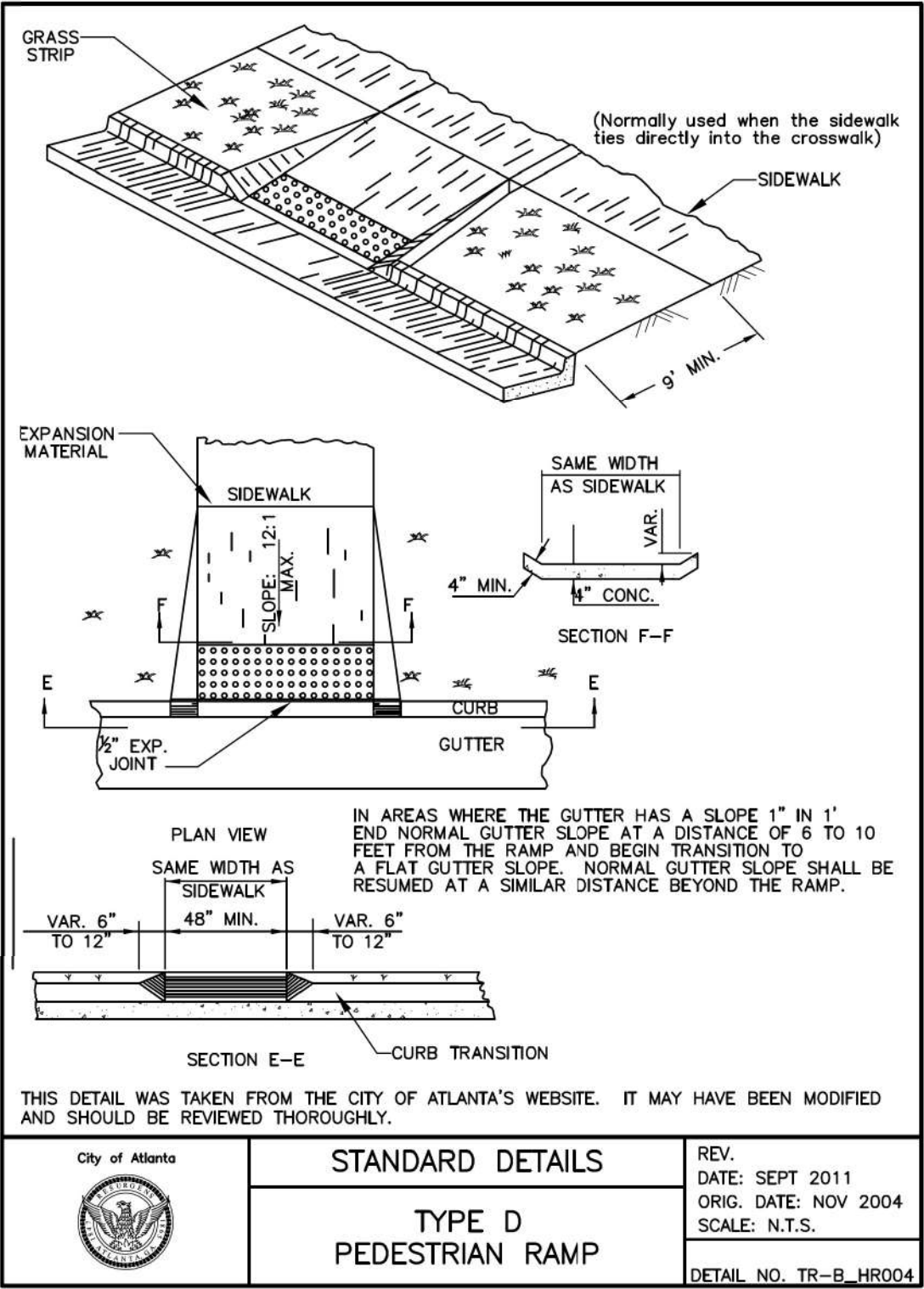
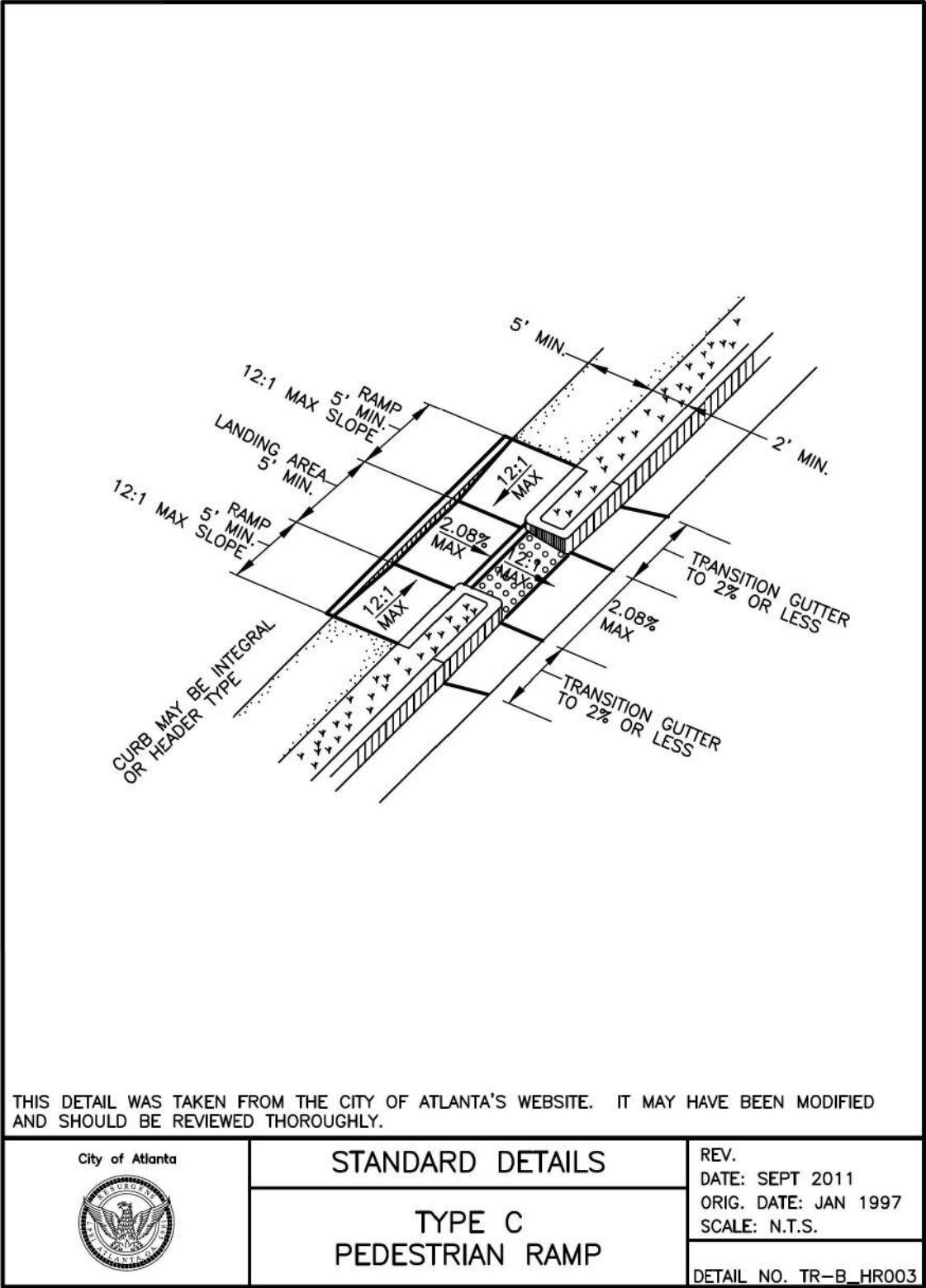


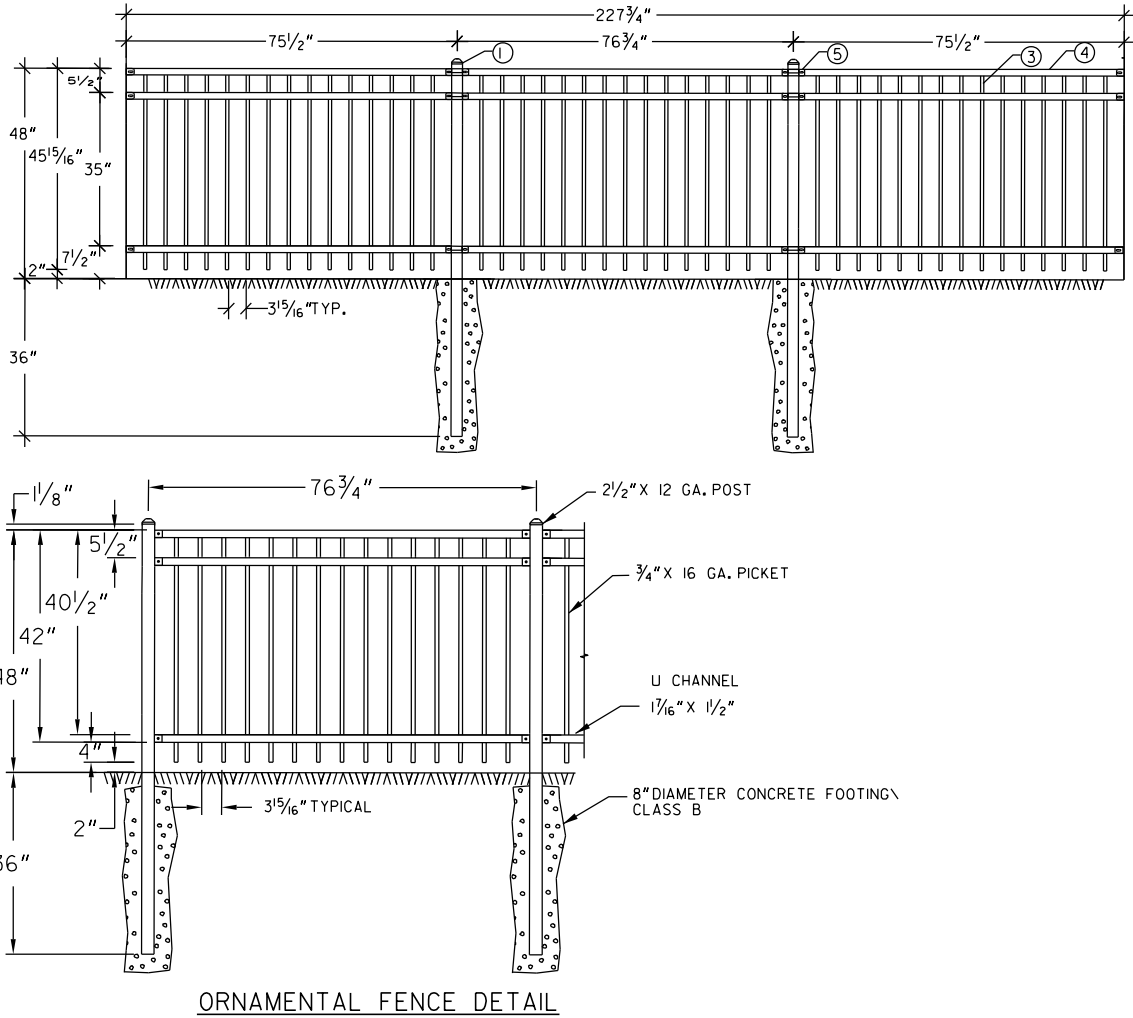


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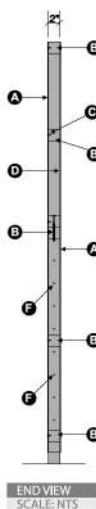
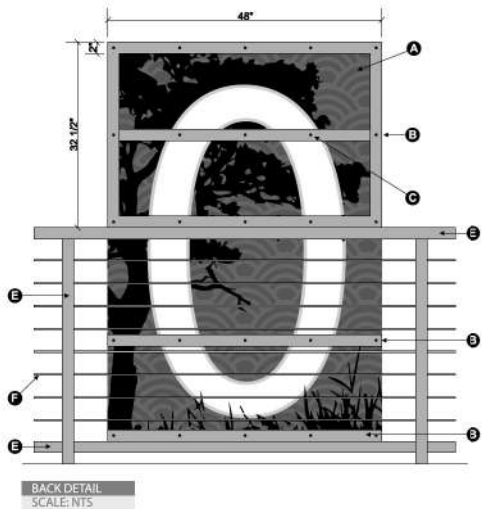
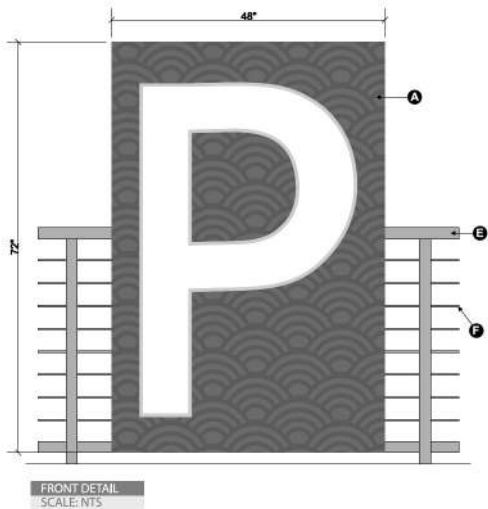
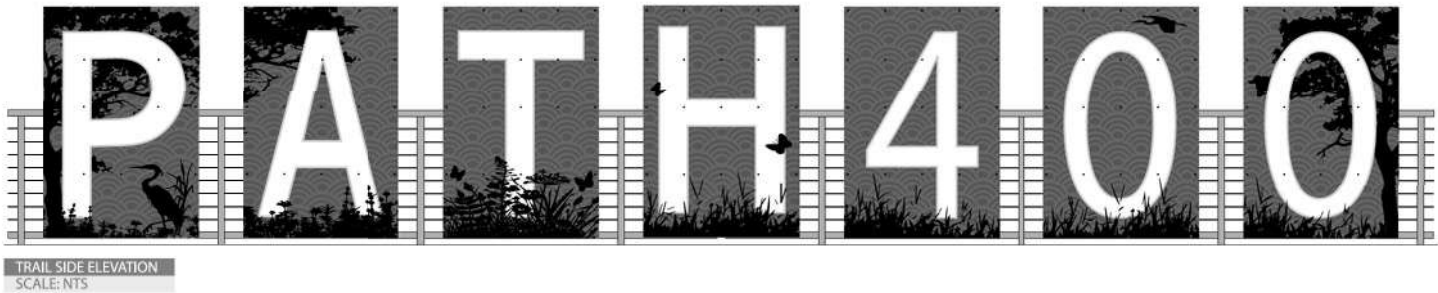
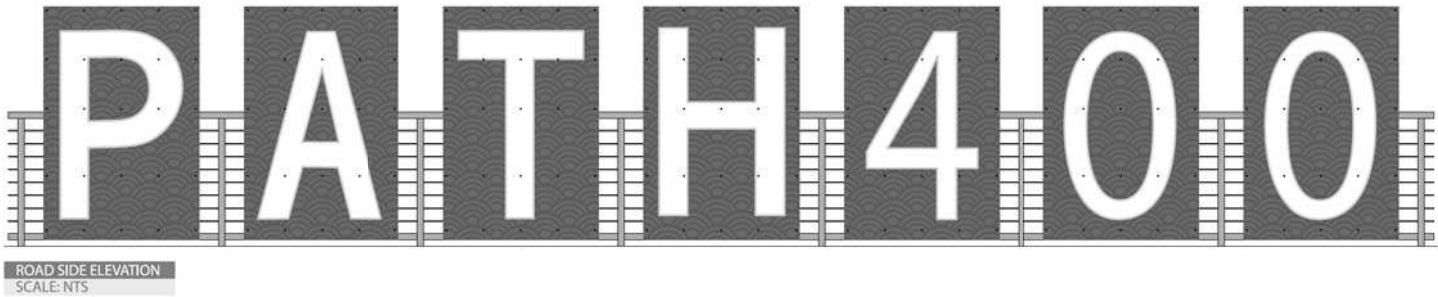
REVISION DATES			LIVABLE BUCKHAED INC. & CITY OF ATLANTA			
			SPECIAL CONSTRUCTION DETAIL			
			PATH 400			
			PEACHTREE PARK			
			CHECKED:		DATE:	
			BACKCHECKED:		DATE:	
			CORRECTED:		DATE:	
			VERIFIED:		DATE:	
						DRAWING No.
						38-0003





- NOTES:
- 1 RACKABLE WELDED 3/4" MAJESTIC 4' TALL 3-RAIL X 6' NOMINAL LENGTH PANEL FENCE BY AMERISTAR, JERITH, DELGARD, MONTAGE OR DEPARTMENT APPROVED EQUAL MONTAGE PLUS ATF MAJESTIC STYLE, COLOR BLACK
ALL INCIDENTAL ITEMS ASSOCIATED WITH THE INSTALLATION OF THE FENCE, INCLUDING ATTACHING FENCE TO WALL, SHOULD BE INCLUDED IN THE UNIT PRICE FOR THE FENCE.
 - 2 ALL PROPOSED FENCE SHOWN IN THE PLANS SHALL BE ORNAMENTAL FENCE AS SHOWN HERE UNLESS NOTED OTHERWISE

- 1 2 1/2" x 12 GA. POST
2 NOT USED
3 3/4" x 16 GA. PICKET
4 U CHANNEL 1 7/16" x 1 1/2"
5 BBI2 BRACKET



- NOTE:
1. CONTRACTOR TO COORDINATE EXACT DIMENSIONS AND PLACEMENT WITH LIVABLE BUCKHEAD AND INTERCONTINENTAL HOTEL TO ENSURE CORRECT PLACEMENT ON PROPOSED GATE. COST TO BE INCLUDED IN SPECIAL DESIGN GATE PRICE.
 2. CONTRACTOR TO SUBMIT FINAL LAYOUT PROOF TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO FABRICATION.
 3. CONTRACTOR TO REQUEST CUSTOM SIGN PANEL FINAL VECTOR FILES FROM LANDSCAPE ARCHITECT PRIOR TO FABRICATION. CONTACT: 404-239-2521
 4. SEE SHEET 26-0006 FOR ADDITIONAL SPECIFICATIONS.

SIGN MANUFACTURERS:

1. HENRY GRAPHICS - CODY GIBSON 404-443-4787, CGIBSON@HENRYGRAPHICS.COM, WWW.HENRYGRAPHICS.COM
2. OPTION SIGNS - DAN REYNOLDS 770-569-5871, DREYNOLDS@OPTIONSIGN S.COM, WWW.OPTIONSIGNS.COM
3. CAPITAL SIGNS - PHILIP PANOS 770-564-8582, PHILIP@CAPITALSIGNS.COM, WWW.CAPITALSIGNS.COM

- SPECIFICATIONS
- A 1/8" aluminum panel with direct print and satin clear coat
 - B 2" x 2" tube frame with painted finish
 - C Road side panels to be mounted with S.S. Flathead McMaster 91870A242 screws
 - D Trail side panels to be mounted with glue
 - E 1/4" x 5" S.S. bolts with nuts to attach 2" frame to railing
 - F Existing steel cable

- PAINT COLORS
- G Painted to match railing

GATE PANEL DETAIL

REVISION DATES

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
SPECIAL CONSTRUCTION DETAIL
PATH 400
PEACHTREE PARK

CHECKED:	DATE:	DRAWING No.
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LEGEND

-  UNDERGROUND FIBER CONDUIT
-  UNDERGROUND CONDUIT.
-  J-BOX WITH BLANK COVER, UNLESS OTHERWISE NOTED.
-  TYPICAL FOR REMAINDER OF CIRCUIT.
-  CAMERA POLE

NOTES

1. ALL FIBER OPTIC CABLE SHALL HAVE A PRINT LINE THAT INDICATES "City of Atlanta DPW".
2. ALL FIBER INGROUND JUNCTION BOX LIDS SHALL BE STAMPED "TRAFFIC SIGNAL". TYPICAL FOR ALL FIBER INGROUND JUNCTION BOXES.
3. CONTRACTOR SHALL PROVIDE AND INSTALL MAGNETIC WARNING TAPE ON TOP OF ALL CONDUITS AND AWG #12 BARE COPPER TRACER WIRE IN 2" EMPTY LIGHTING CONDUIT. SEE 2/25-019 FOR DETAILS.
4. ALL LIGHTING INGROUND JUNCTION BOX LIDS SHALL BE STAMPED "LIGHTING". TYPICAL FOR ALL LIGHTING INGROUND JUNCTION BOXES.

GENERAL NOTES:

- A. NO CONDUIT MAY BE RUN OUTSIDE THE RIGHT OF WAY BOUNDARY OR ON PRIVATE PROPERTY.
- B. ALL UNDERGROUND CONDUIT SHALL BE PVC SCHEDULE 40. CONDUIT INSTALLED UNDERNEATH ROADWAYS AND DRIVES SHALL BE GALVANIZED RIGID STEEL (GRS) OR TYPE TP 3.
- C. CARE MUST BE TAKEN IN THE INSTALLATION OF THE CONDUIT SYSTEM TO AVOID AND DAMAGE TO THE EXISTING UNDERGROUND UTILITIES.
- D. CONDUIT ACCESSORIES SUCH AS EXPANSION JOINTS, PULL BOXES, CONDUITS, ELBOWS, FLEXIBLE CONDUIT, ETC., SHALL BE INCLUDED IN THE PRICE BID FOR CONDUIT.
- E. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CLIENT. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO ANY DIGGING
- F. THE CONTRACTOR SHALL INSTALL A NYLON PULL CORD OR GALVANIZED PULL WIRE IN EACH EMPTY CONDUIT. THE COST OF THIS ITEM WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF THE CONDUIT.
- G. ALL ELECTRICAL MATERIALS, SUCH AS CONDUIT, CABLES, WIRES AND JBOXES, SHALL BE UL LISTED AND MEET THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND THE AMERICAN NATIONAL STANDARDS INSTITUTE. ELECTRICAL CONDUITS, WIRES, CIRCUIT BREAKERS, FUSES, GROUND RODS AND GROUND CONDUCTORS SHALL MEET GDOT'S STANDARD SPECIFICATIONS AND SHALL BE IN ACCORDANCE WITH GDOT'S QUALIFIED PRODUCTS LIST (QPL).
- H. CAMERAS SHALL BE ARECONT MODEL 12276DN-12 OR APPROVED EQUAL.

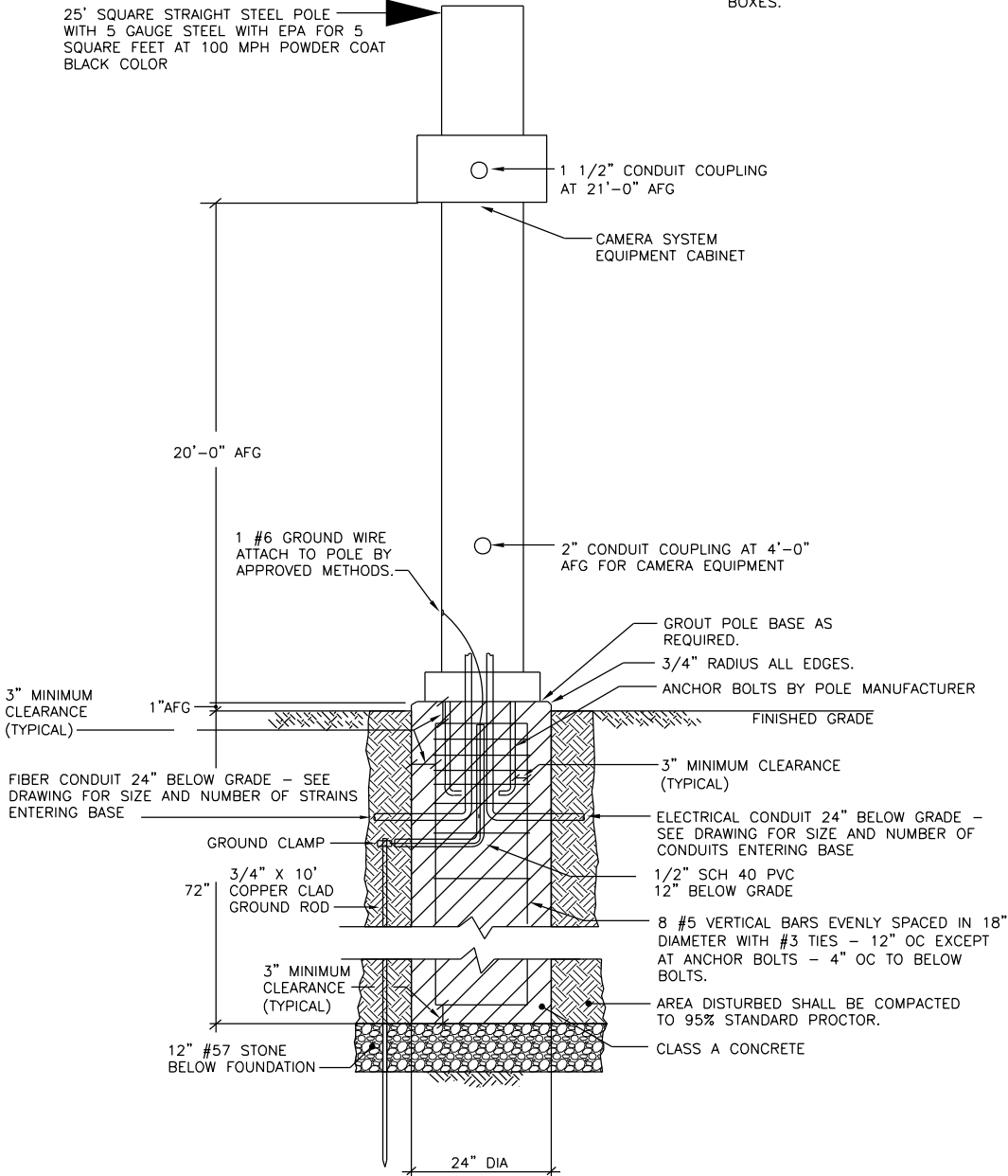
CAMERA SERVICE WIRING SCHEDULE

- ① 2 #10 IN 1" RGS CONDUIT
- ② 1 #6G IN 3/4" PVC CONDUIT
- ③ 1 #6
- ④ 2" RIGID STEEL CONDUIT ABOVE GRADE AND IN 2" PVC CONDUIT BELOW GRADE. SEE DRAWINGS FOR CONDUCTORS.
- ⑤ 2 #10 + 1#10G IN 1" RGS CONDUIT

ALL CONDUCTORS ARE TO BE COPPER

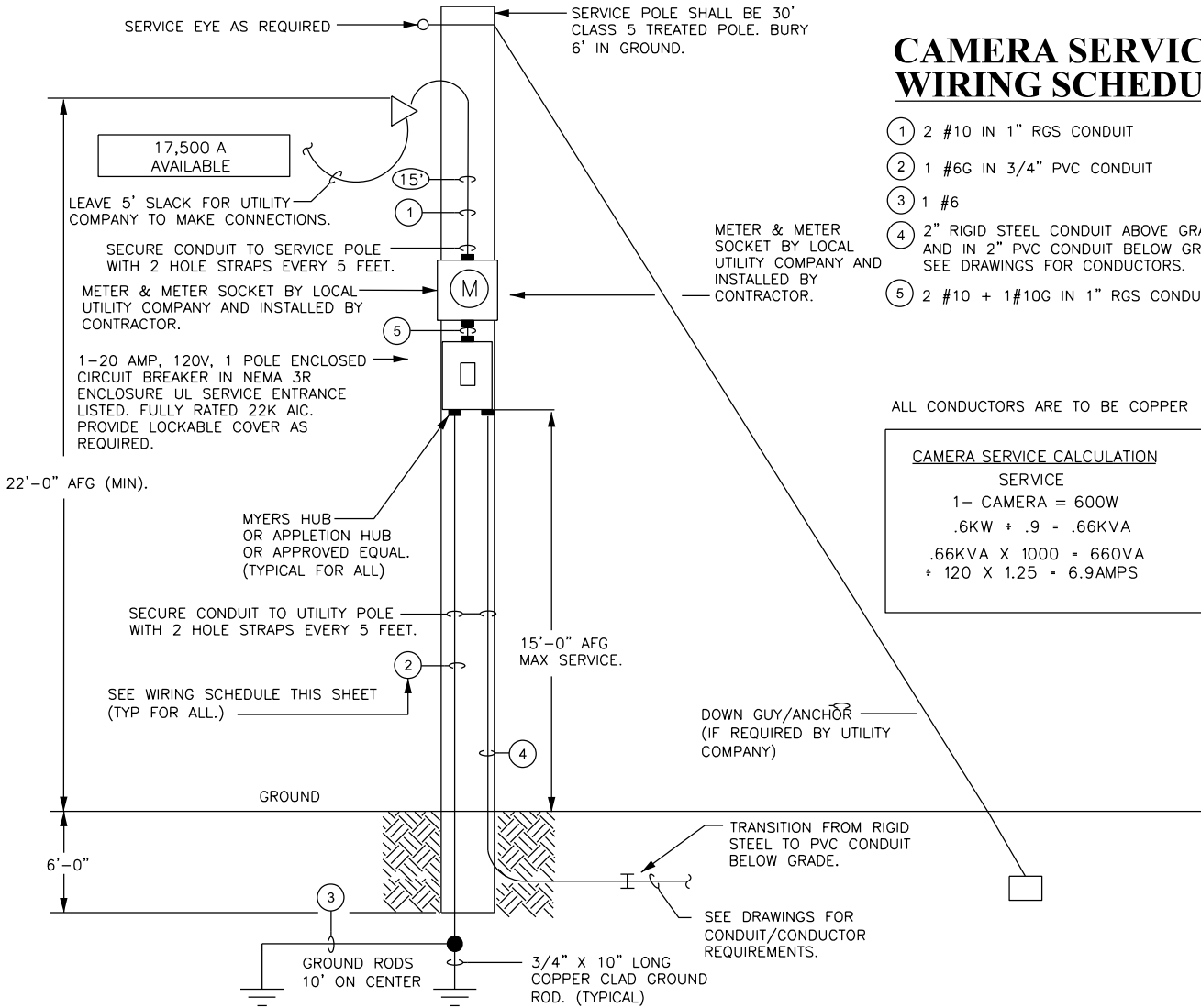
CAMERA SERVICE CALCULATION

SERVICE
1- CAMERA = 600W
.6KW ÷ .9 = .66KVA
.66KVA X 1000 = 660VA
÷ 120 X 1.25 = 6.9AMPS



CAMERA POLE AND FOUNDATION DETAIL

SCALE: N.T.S.



ONE LINE DIAGRAM CAMERA SERVICE

SCALE: NTS

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

N. T. S.

REVISION DATES

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
SPECIAL CONSTRUCTION DETAIL
PATH 400
PEACHTREE PARK

CHECKED:	DATE:	DRAWING No.
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CORRECTED:	DATE:	
VERIFIED:	DATE:	

38-0006

N/A	N/A	27. Description of proposed construction materials and building products on site.*				
N/A	N/A	28. Description of the practices that will be used to reduce the pollutants in storm water discharges.*				
51-0002	Y	29. Description and chart or timeline of the intended sequence of major activities which disturb soils for the major portions of the site (i.e., initial perimeter and sediment storage BMPs, clearing and grubbing activities, excavation activities, utility activities, temporary and final stabilization).				
N/A	N/A	30. Provide complete requirements of inspections and record keeping by the primary permittee.*				
N/A	N/A	31. Provide complete requirements of sampling frequency and reporting of sampling results.*				
N/A	N/A	32. Provide complete details for retention of records as per Part IV.F. of the permit.*				
N/A	N/A	33. Description of analytical methods to be used to collect and analyze the samples from each location.*				
N/A	N/A	34. Appendix B rationale for NTU values at all outfall sampling points where applicable.*				
N/A	N/A	35. Delineate all sampling locations, perennial and intermittent streams and other water bodies into which storm water is discharged also provide a summary chart of the justification and analysis for the representative sampling as applicable.*				
N/A	N/A	36. A description of appropriate controls and measures that will be implemented at the construction site including: (1) initial sediment storage requirements and perimeter control BMPs, (2) intermediate grading and drainage BMPs, and (3) final BMPs. For construction sites where there will be no mass grading and the initial perimeter control BMPs, intermediate grading and drainage BMPs, and final BMPs are the same, the plan may combine all of the bmps into a single phase.*				
53-0001; 54-ALL	Y	37. Graphic scale and north arrow.				
53-0001	Y	38. Existing and proposed contour lines with contour lines drawn at an interval in accordance with the following:				
		<table border="1"> <tr> <td>Existing Contours</td> <td>USGS 1": 2000' Topographical Sheets</td> </tr> <tr> <td>Proposed Contours</td> <td>1" : 400' Centerline Profile</td> </tr> </table>	Existing Contours	USGS 1": 2000' Topographical Sheets	Proposed Contours	1" : 400' Centerline Profile
Existing Contours	USGS 1": 2000' Topographical Sheets					
Proposed Contours	1" : 400' Centerline Profile					
51-0003	N/A	39. Use of alternative BMPs whose performance has been documented to be equivalent to or superior to conventional BMPs as certified by a Design Professional (unless disapproved by EPD or the Georgia Soil and Water Conservation Commission). Please refer to the Alternative BMP Guidance Document found at www.gaswcc.org .				
N/A	N/A	40. Use of alternative BMP for application to the Equivalent BMP List. Please refer to Appendix A-2 of the Manual for Erosion & Sediment Control in Georgia 2016 Edition.*				
53-ALL; 54-ALL	Y	41. Delineation of the applicable 25-foot or 50-foot undisturbed buffers adjacent to State waters and any additional buffers required by the Local Issuing Authority. Clearly note and delineate all areas of impact.				
53-ALL	Y	42. Delineation of on-site wetlands and all State waters located on and within 200 feet of the project site.				
53-ALL	Y	43. Delineation and acreage of contributing drainage basins on the project site.				
N/A	N/A	44. Delineate on-site drainage and off-site watersheds using USGS 1' :2000' topographical sheets.				
53-0002	Y	45. An estimate of the runoff coefficient or peak discharge flow of the site prior to and after construction activities are completed.				
53-0002	Y	46. Storm-drain pipe and weir velocities with appropriate outlet protection to accommodate discharges without erosion. Identify/Delineate all storm water discharge points.				
51-0002	Y	47. Soil series for the project site and their delineation.				
54-ALL	Y	48. The limits of disturbance for each phase of construction.				
51-0003	Y	49. Provide a minimum of 67 cubic yards of sediment storage per acre drained using a temporary sediment basin, retrofitted detention pond, and/or excavated inlet sediment traps for each common drainage location. Sediment storage volume must be in place prior to and during all land disturbance activities until final stabilization of the site has been achieved. A written justification explaining the decision to use equivalent controls when a sediment basin is not attainable must be included in the plan for each common drainage location in which a sediment basin is not provided. A written justification as to why 67 cubic yards of storage is not attainable must also be given. Worksheets from the Manual must be included for structural BMPs and all calculations used by the design professional to obtain the required sediment storage when using equivalent controls. When discharging from sediment basins and impoundments, permittees are required to utilize outlet structures that withdraw water from the surface, unless infeasible. If outlet structures that withdraw water from the surface are not feasible, a written justification explaining this decision must be included in the plan.				
54-ALL	Y	50. Location of Best Management Practices that are consistent with and no less stringent than the Manual for Erosion and Sediment Control in Georgia. Use uniform coding symbols from the Manual, Chapter 6, with legend.				
52-ALL; 56-ALL	Y	51. Provide detailed drawings for all structural practices. Specifications must, at a minimum, meet the guidelines set forth in the Manual for Erosion and Sediment Control in Georgia.				
51-0002	Y	52. Provide vegetative plan, noting all temporary and permanent vegetative practices. Include species, planting dates and seeding, fertilizer, lime and mulching rates. Vegetative plan shall be site specific for appropriate time of year that seeding will take place and for the appropriate geographic region of Georgia.				

Effective January 1, 2020

*If using this checklist for a project that is less than 1 acre and not part of a common development but within 200 ft of a perennial stream the * checklist items would be N/A.

 **GSWCC**

ESPCP GENERAL NOTES

The escape of sediment from the site shall be prevented by the installation of erosion and sediment control measures and practices prior to land-disturbing activities.

Erosion and sedimentation control measures will be maintained at all times. If full implementation of the approved plan does not provide for effective control, additional erosion and sedimentation control measures shall be implemented to control or treat the sediment source.

ESPCP ALTERATIONS

This Erosion, Sedimentation, and Pollution Control Plan (ESPCP) is provided by the Department. It addresses the staged construction of the project on the basis of common construction methods and techniques. If the Contractor elects to alter the staged construction from that shown in the plans or utilize construction techniques that render this plan ineffective, the Contractor shall revise the plans in accordance to Special Provision 161-Control of Soil Erosion and Sedimentation of the contract.

The Contractor, the Certified Design Professional, and the WECS shall carefully evaluate this plan prior to commencing land-disturbing activities. Amendments/revisions to the ESPCP which have a significant effect on BMPs with a hydraulic component requires a formal revision of the ESPCP and the signature of a GSWCC Level-II Certified Design Professional. Additional BMPs may be added per Special Provision 161-Control of Soil Erosion and Sedimentation.

CONSTRUCTION SCHEDULE AND SEQUENCE OF MAJOR ACTIVITIES

The Contractor is responsible for developing the construction schedule for the project. The construction schedule for this project shall be submitted after the project is awarded along with the NOI. A copy of the construction schedule shall be maintained at the project site.

The project budget includes sufficient funds for the payment of construction exits. The Contractor is responsible for establishing at least one (1) construction exit per the specifications of the construction exit detail included in this ESPCP. To facilitate project logistics, the Contractor is also responsible for selecting the location(s) of the construction exit(s).

Stage 1: Work in this stage includes clearing and grubbing and installing initial BMPs.

A. Initial BMPs: Install the following BMPs prior to construction

1. Install orange barrier fence.
2. Install perimeter silt fence as shown on Stage 1 plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps as shown on the Stage 1 plans
4. Contractor is responsible for establishing construction exits.

B. Intermediate BMPs: N/A

C. Final BMPs: N/A

Stage 2:

A. Initial BMPs: N/A

B. Intermediate BMPs: While earthwork is progressing, do the following:

1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain Inlet sediment trap where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.

C. Final BMPs: N/A

Stage 3:

A. Initial BMPs: N/A

B. Intermediate BMPs: N/A

C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:

1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap Aprons and ditches.

Construction Schedule

Month	1	2	3	4	5
Install Temporary Erosion Control Measures					
Maintenance of Temporary Erosion Control Measures					
Perform Construction Activities					
Establish Permanent Vegetation					
Remove Temporary Erosion Control Measures					

SITE STABILIZATION AND VEGETATION PLANTING SCHEDULE

The EPD General NPDES GARI00002 permit states that any disturbed area where construction activities have temporarily or permanently ceased shall be stabilized within 14 days of such cessation or as soon as practicable if precluded by adverse weather conditions. However in special cases, the Project Engineer may require the contractor to perform stabilization more often than 14 days.

Disturbed areas shall be stabilized with suitable material listed in the current edition of the Department's Standard Specifications (or Special Provisions) Sections 161, 163, 700, or 711 on the basis of when construction activities are expected to resume.

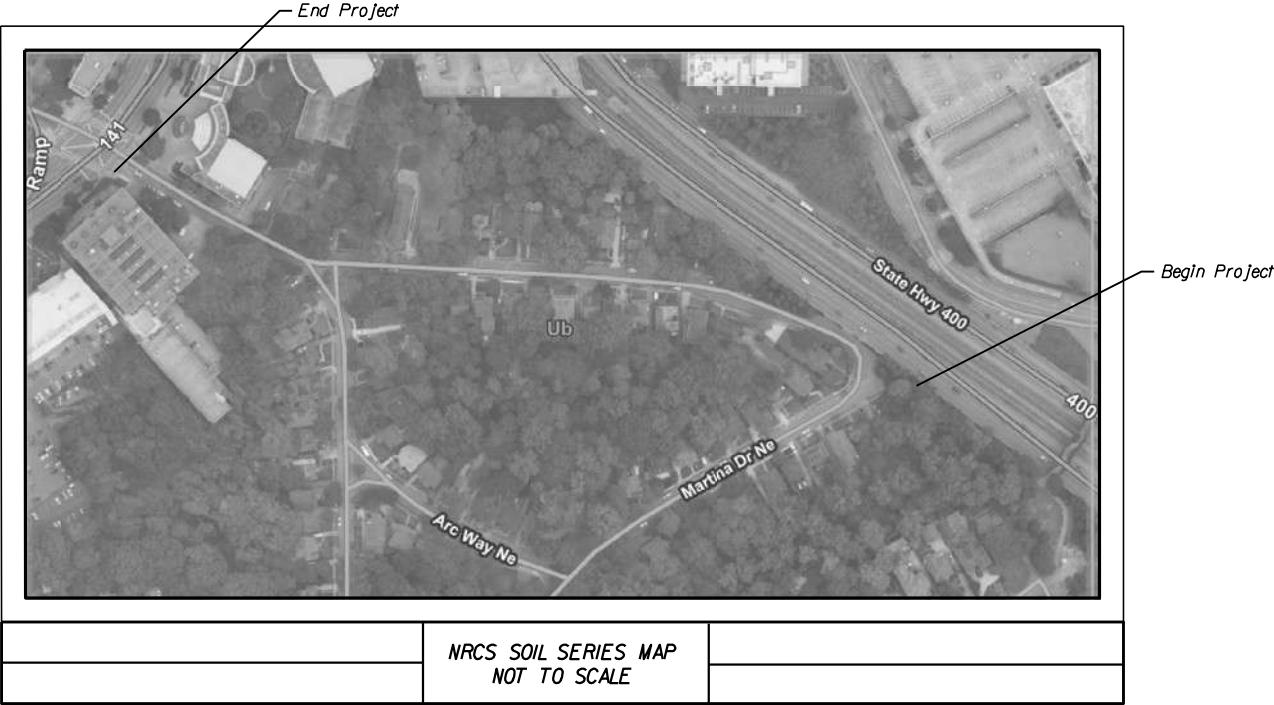
All temporary and permanent vegetative practices including plant species, planting dates, seeding, fertilizing, liming, and mulching rates for this project can be found in Section 700 of the current edition of the Department's Standard Specifications (or Special Provisions) and other applicable contract documents or landscaping plans.

DESCRIPTION OF NATURE OF CONSTRUCTION ACTIVITY

This project involves the construction of a multi-use trail tying to the existing PATH 400 at the intersection of Martina Drive and Highland drive, running along Highland Drive to Peachtree Road. The length of the trail project is approximately 0.36 miles, and involves the construction of a wall.

SOIL SERIES INFORMATION

The following is a summary of the soils that are expected to be found on the project site:



Due to the size and scope of this project and the nature of soil series maps, it is not reasonably practical to delineate the precise locations of the above listed soils on the construction plans. The NRCS soil survey and soil series maps for the project site are also available online at <http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm>.

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Ub	Urban land	49.7	100.0%
Totals for Area of Interest		49.7	100.0%

PETROLEUM STORAGE, SPILLS AND LEAKS

These plans expressly delegate the responsibility of proper on-site hazardous material management to the Contractor. The Contractor shall at a minimum provide an action plan and keep the necessary materials on site for the capture, clean up, and disposal of any petroleum product, or other hazardous material, leaks or spills associated with the servicing, refueling or operation of any equipment utilized at the site. A copy of the action plan shall be submitted to the Project Engineer and maintained on the project site. All personnel operating or servicing equipment shall be familiar with the action plan. The Contractor shall not park, refuel, or maintain equipment within stream buffers.

If the Contractor elects to store petroleum products on site, the Contractor shall prepare an ESPCP addendum that addresses the additional BMPs needed for onsite storage and spill prevention for petroleum products. This plan shall be prepared by a Certified Design Professional as required by GAR100002 for inclusion with these plans. The Contractor's attention is specifically directed to Standard Specification 107-Legal Regulations and Responsibility to the public for additional requirements.

SILT FENCE INSTALLATION WITH J HOOKS AND SPURS

Silt fence should never be run continuously. The silt fence should turn back into the fill or slope to create small pockets that trap silt and force stormwater to flow through the silt fence. This technique is called using J hooks (or spurs). The J hooks shall be utilized on all silt fences that are located around the perimeter of the project and along the toe of embankments or slopes. The J hooks shall be spaced in accordance with GDOT Construction Detail D-24C. The maximum J-hook spacing is reached when the top of the J hook is at the same elevation as the bottom of the immediately upgradient J hook. J Hooks shall be paid for as silt fence items per linear foot. All costs and other incidental items are included in cost of installing and maintaining the silt fence.

SITE STABILIZATION AND BMP MAINTENANCE MEASURES

See the Department's Standard Specifications (or Special Provisions) 161, 163, 165, 700, 711, and other contract documents for stabilization and maintenance measures.

DEWATERING AND PUMPING ACTIVITIES

Any pumped discharge from an excavation or disturbed area shall be routed through an appropriately sized sediment basin, silt filter bag, or shall be treated equivalently with suitable BMP's. The contractor shall ensure the post BMP treated discharge is sheet flowing. Failure to create sheet flow will obligate the contractor to perform water quality sampling of pumped discharges. The contractor shall prepare sampling plans in accordance with the current GAR100002 NPDES permit by utilizing a Certified Design Professional. No separate payment will be made for water quality sampling of pump discharges.

SEDIMENT STORAGE

The site has a total disturbed area of 0.14 acres. The following table summarizes the required and available sediment storage for every outfall on this project. The Contractor shall provide and maintain the storage volumes for the BMP's specified in this table.

Location	Total Drainage Area (acres)	Disturbed Area (acres)	Required Sediment Storage Volume (yd ³)	Total Storage Volume Provided (yd ³)	Inlet Sediment Traps Curb Inlet (SD2-F)		Silt Fence (TP C)		Silt Fence (TP A)		Diversion
					# of Devices	Total Volume (yd ³)	Length of Fence (ft)	Total Volume (yd ³)	Length of Fence (ft)	Total Volume (yd ³)	
Outfall 1	2.41	0.04	161.31	53.59	4.00	4.15	0.00	0.00	362.82	13.44	0.00
Outfall 2	0.69	0.07	46.53	47.30	1.00	1.04	0.00	0.00	227.60	8.43	0.00
Sheet Flow 1	0.06	0.03	3.71	41.27	1.00	1.04	150.64	25.23	0.00	0.00	0.00
TOTAL DISTURBED AREA (AC)=		0.14									

To prevent runoff from bypassing inlet sediment traps, a temporary sump shall be installed around all inlet sediment traps that are not located in a low point or an excavated sump. Construct temporary sumps in accordance with Construction Detail D-24C. Temporary sumps shall be installed in a manner that ensures stormwater does not bypass the inlet. The Contractor may submit alternate temporary containment berm designs to the Project Engineer for approval.

OUTFALL 1: The total sediment storage volume provided in Outfall 1 is less than the required 67 CY of sediment storage per acre. The disturbed area within Basin 1 is 0.04 Ac, accounting for only 1.66% of the basin total of 2.41 Ac. The majority of the water flows through natural contour towards an existing cross pipe and remains undisturbed. The disturbed area within this Basin will be treated with grassing and mulch as needed to control sediment runoff.

STATE-WATER BUFFER IMPACTS

State-water buffers, as defined by O.C.G.A. 12-7-1, are not impacted by this project.

Non-exempt activities shall not be conducted within the 25- or 50-foot undisturbed stream buffers as measured from the point wrested vegetation or within 25-feet of the coastal marshland buffer as measured from the Jurisdictional Determination Line without first acquiring the necessary variances and permits.

Unless noted otherwise, utility companies will be submitting the required permits/variances in conjunction with the impacts caused by their activities. If utility impacts are covered by the Department's stream buffer variance, this shall be noted in the buffer-variance-required column.

* Warm water streams have a 25-foot minimum buffer as measured from the wrested vegetation. Cold Water streams have a 50-foot buffer as measured from the wrested vegetation.

**Locations are approximate, a detailed location of stream buffers and authorized work areas are shown on the individual BMP sheets

OTHER CONTROLS

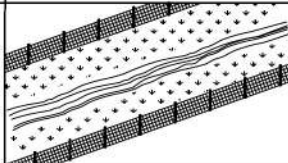
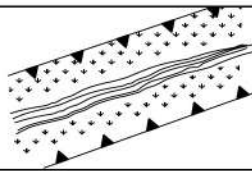
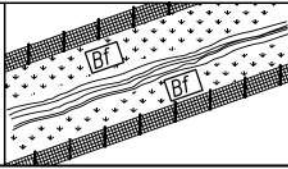
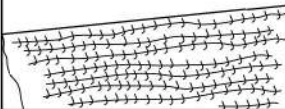
If the Contractor elects to store building material, building products, construction waste, trash, landscape materials, fertilizers, pesticides, herbicides, detergents, sanitary waste, and other materials on the site, the Contractor shall provide an appropriate covering to minimize the exposure of those materials or products to precipitation and stormwater to minimize the discharge of pollutants. Minimization of exposure is not required in cases where exposure to precipitation and to stormwater will not result in a discharge of pollutants, or where exposure of the specific material or product poses little risk to stormwater contamination or is intended for outdoor use.

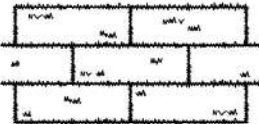
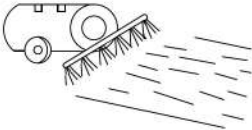
The Contractor shall follow this ESPCP and ensure and demonstrate compliance with all applicable State and/or local regulations for waste disposal, sanitary sewer and septic systems, and petroleum storage.

The Contractor shall control dust from the site in accordance with Section 161 of the current edition of the Department's Standard Specifications.

USE OF ALTERNATIVE AND/OR ADDITIONAL BMPs:

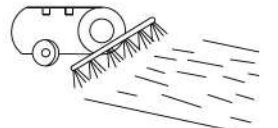
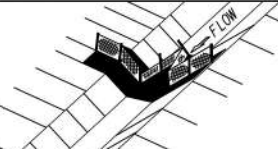
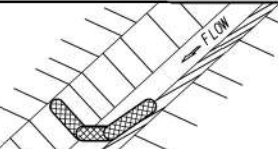
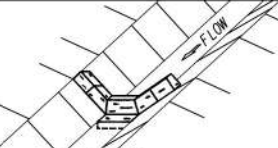
No alternative or additional BMPs will be used on this project.

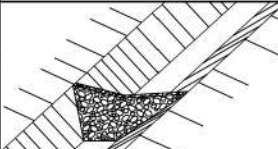
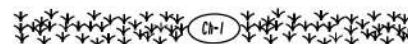
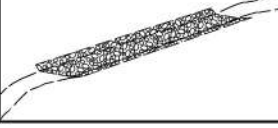
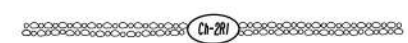
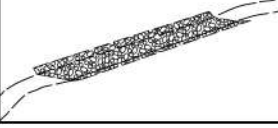
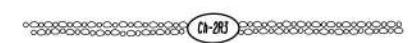
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
	ORANGE BARRIER FENCE		ORANGE BARRIER FENCE DELINEATES ENVIRONMENTALLY SENSITIVE AREAS WHERE THE CONTRACTOR SHALL NOT CLEAR, GRUB, OR PLACE CONSTRUCTION MATERIALS OR EQUIPMENT WITHIN THIS AREA.
	LINE CODE  ORANGE BARRIER FENCE		
ESA	ENVIRONMENTALLY SENSITIVE AREA		AN ENVIRONMENTALLY SENSITIVE AREA (ESA) CONTAINS RESOURCES THAT ARE ENVIRONMENTALLY, CULTURALLY, OR HISTORICALLY SENSITIVE. ESAs INCLUDE, BUT ARE NOT LIMITED TO: STATE WATER BUFFERS, HISTORIC SITES, ARCHAEOLOGICAL SITES, AND PROTECTED ANIMAL AND PLANT SPECIES HABITATS. IF WORK IS AUTHORIZED IN THIS AREA, THE WORK MUST BE PERFORMED IN ACCORDANCE WITH SECTION 107 AND ANY OTHER APPLICABLE SPECIAL PROVISIONS AND APPLICABLE PLAN NOTES.
	LINE CODE  ESA-25' (OR 50') STREAM BUFFER, ETC.		
Bf	BUFFER ZONE		A STRIP OF UNDISTURBED ORIGINAL VEGETATION, ENHANCED OR RESTORED EXISTING VEGETATION, OR THE RE-ESTABLISHMENT OF VEGETATION SURROUNDING AN AREA OF DISTURBANCE OR BORDERING STREAMS, PONDS, WETLANDS, LAKES, AND COASTAL WATERS. WHEN NECESSARY, BUFFER ZONES ARE TO BE PROTECTED BY ORANGE BARRIER FENCE.
	SYMBOL Bf		
Ds1	MULCH SECTION 163		THIS IS AN APPLICATION OF STRAW MULCH USED TO REDUCE SOIL EROSION AND STABILIZE THE SOIL. IT IS USED TO CONTROL EROSION IN AREAS WHERE PERMANENT VEGETATION IS OUT OF SEASON OR TO TEMPORARILY STABILIZE AREAS PRIOR TO FINAL GRADING. MULCHING REQUIREMENTS ARE ADDRESSED BY STANDARD SPECIFICATIONS AND/OR THE PROJECT ENGINEER. THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
	SYMBOL Ds1		
Ds2	TEMPORARY GRASSING SECTION 163,700		THE SOWING OF A QUICK GROWING SPECIES OF GRASS SUITABLE TO THE AREA AND SEASON. IT IS TYPICALLY USED TO CONTROL EROSION IN AREAS LONGER THAN MULCHING IS EXPECTED TO LAST. TEMPORARY GRASSING SHOULD BE USED ON ALL PROJECTS ACCORDING TO THE STANDARD SPECIFICATIONS. THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
	SYMBOL Ds2		

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ds3	PERMANENT GRASSING SECTION 700		THE SOWING OF PERMANENT VEGETATION, SUCH AS GRASS, SUITABLE TO THE AREA AND SEASON. PERMANENT VEGETATION SHALL BE USED ON ALL PROJECTS ACCORDING TO THE STANDARD SPECIFICATION. THE BMP SYMBOL FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
	SYMBOL Ds3		
Ds4	SODDING CONSTRUCTION DETAIL D-54 SECTION 700, 890		THE INSTALLATION OF A SPECIES OF GRASS SODDING SUITABLE TO THE AREA AND SEASON TO PROVIDE IMMEDIATE PERMANENT VEGETATION. SODDING MAY BE SHOWN FOR HIGHLY SENSITIVE AREAS, TO IMPROVE AESTHETICS, OR FOR SPECIAL PLANTING REQUIREMENTS ON THE BASIS OF ENVIRONMENTAL COMMITMENTS OR LANDSCAPING REQUIREMENTS. THE BMP PATTERN FOR APPLICABLE AREAS AND/OR A NOTE SHALL BE INCLUDED ON APPLICABLE SHEETS IN SECTION 54.
	PATTERN 		
F1-Co	FLOCCULANTS COAGULANTS SECTION 163,700, 895		FLOCCULANTS AND COAGULANTS ARE USED TO SETTLE SUSPENDED SEDIMENT, HEAVY METALS, AND HYDROCARBONS (TSS) IN SLOW MOVING RUNOFF FROM CONSTRUCTION SITES FOR WATER CLARIFICATION. ANIONIC POLYACRYLAMIDES (PAM) MAY BE USED IN CONJUNCTION WITH BMPs WITHIN CHANNELS UPSTREAM OF A POST-CONSTRUCTION POND, TEMPORARY SEDIMENT BASIN, OR TEMPORARY SEDIMENT TRAP. FLOCCULANTS SHALL NOT BE USED DOWNSTREAM OF AFOREMENTIONED BMPs! FLOCCULANTS/COAGULANTS ARE TO BE SHOWN ON PLANS WITH APPLICABLE BMP IF NEEDED. PAYMENT FOR PAM AS A FLOCCULANT WILL BE INCLUDED IN THE PRICE FOR THE INSTALLATION AND/OR MAINTENANCE OF THE BMP IT IS USED IN CONJUNCTION WITH. NO SEPARATE PAYMENT WILL BE MADE.
	SYMBOL F1-Co POLYACRYLAMIDE		
Sb	STREAMBANK STABILIZATION SECTION 702		STREAMBANK STABILIZATION IS THE USE OF READILY AVAILABLE NATIVE PLANT MATERIALS TO MAINTAIN AND ENHANCE STREAMBANKS, OR TO PREVENT, OR RESTORE AND REPAIR SMALL STREAMBANK EROSION PROBLEMS. STREAMBANK STABILIZATION AREAS SHOULD BE SHOWN ON THE PLANS WHEN APPLICABLE TO THE PROJECT. REFER TO THE PROJECT'S STREAM AND STREAM BUFFER MITIGATION PLANS FOR PLANT SPECIES, LOCATIONS, AND OTHER PLANTING DETAILS.
	PATTERN 		

NOTE:

- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA'.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ss	SLOPE STABILIZATION CONSTRUCTION DETAIL D-35 SECTION 716		SLOPE STABILIZATION (EROSION CONTROL MATTING) IS A PROTECTIVE COVERING USED TO PREVENT EROSION AND ESTABLISH TEMPORARY OR PERMANENT VEGETATION ON STEEP SLOPES, SHORE LINES, OR CHANNELS. SLOPE STABILIZATION MAY BE A ROLLED EROSION CONTROL PRODUCT (RECP) OR A HYDRAULIC EROSION CONTROL PRODUCT (HECP). SLOPE STABILIZATION SHALL BE USED ON ALL CUT OR FILL SLOPES OF 2.5:1 OR STEEPER AND WITHIN 50 FEET OF ALL CROSS DRAINS AND CULVERTS. NOTE: ONLY COCONUT FIBER BLANKET OR WOOD FIBER BLANKET SHALL BE USED AS SLOPE STABILIZATION WITHIN BUFFERED AREAS.
		PATTERN 	
Tac	TACKIFIERS SECTION 163, 700, 895		TACKIFIERS HYDRATE IN WATER AND READILY BLEND WITH OTHER SLURRY MATERIALS AND ARE USED TO TIE-DOWN FOR SOIL, COMPOST, SEED, STRAW, HAY OR MULCH. TACKIFIERS REQUIREMENTS, SUCH AS ANIONIC POLYACRYLAMIDES (PAM) ARE ADDRESSED BY STANDARD SPECIFICATIONS AND ARE NOT TYPICALLY SHOWN ON THE PLANS. PAM IS TYPICALLY USED BY THE CONTRACTOR FOR TEMPORARY OR PERMANENT GRASSING. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR CRITERIA.
		SYMBOL  POLYACRYLAMIDE	
Cd-F	FABRIC CHECK DAM CONSTRUCTION DETAIL D-24D SECTION 171		A CHECK DAM COMPOSED OF SYNTHETIC FIBER FABRIC, WIRE REINFORCED, POST, OVERFLOW WEIR, AND TURF REINFORCEMENT MATTING (TRM) SPLASHPAD PLACED IN DITCHES IN A SPECIAL CONFIGURATION WHICH CONTROLS ENERGY DISSIPATION AND FILTRATION OF STORM WATER. SEE CONSTRUCTION DETAIL D-24D FOR ADDITIONAL INFORMATION AND SPACING REQUIREMENTS. THIS ITEM IS SUITABLE FOR USE IN ROADSIDE DITCHES THAT ARE PART OF INFRASTRUCTURE CONSTRUCTION PROJECTS AND WITHIN THE CLEAR ZONE. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
		SYMBOL 	
Cd-Fs	COMPOST FILTER SOCK CHECK DAM CONSTRUCTION DETAIL D-52 SECTION 163		A COMPOST FILTER SOCK CHECK DAM IS COMPOSED OF A PHOTODEGRADABLE OR BIODEGRADABLE KNITTED MESH MATERIAL CONTAINING A WEED FREE FILLER MATERIAL DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER. THEY SHALL BE PROPERLY STAKED FOR DITCH APPLICATIONS. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR MATERIAL SPECIFICATIONS. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
		SYMBOL 	
Cd-Hb	BALED STRAW CHECK DAM CONSTRUCTION DETAIL D-52 SECTION 163		A BALE STRAW CHECK DAM IS COMPOSED OF BALES PREFERABLY BOUND WITH WIRE OR NYLON INSTEAD OF TWINE. BALES SHOULD BE PLACED IN ROWS WITH BALE ENDS TIGHTLY ABUTTING ADJACENT BALES. THE DOWNSTREAM ROW OF BALES SHALL BE PLACED IN A TRENCH TO ALLOW THE TOP OF THE BALE'S LONG, WIDE SIDE TO BE LEVEL WITH THE GROUND AS A NON-ERODIBLE SPLASHPAD. PROPER STAKING IS ALSO REQUIRED FOR DITCH APPLICATIONS. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
		SYMBOL 	

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Cd-S	STONE CHECK DAM OR SANDBAG CHECK DAM CONSTRUCTION DETAIL D-56 SECTION 163, 603		STONE CHECK DAMS ARE CONSTRUCTED OF TYPE-3 RIP-RAP WITH GEOTEXTILE UNDERLINER. STONE CHECK DAMS ARE PREFERRED IN ROADWAY DITCHES OUTSIDE THE CLEAR ZONE. CONSIDERATION SHOULD BE GIVEN TO USING OTHER APPROPRIATE CHECK DAMS AND/OR BMPs WITHIN THE CLEAR ZONE. SANDBAG CHECK DAMS ARE RECOMMENDED IN CONCRETE LINED CHANNELS FOR TEMPORARY VELOCITY CONTROL ONLY. ENSURE DISCHARGE POINT IS PROPERLY STABILIZED AND INCLUDE APPROPRIATE BMPs FOR SEDIMENT STORAGE UPSTREAM AND/OR DOWNSTREAM OF CONCRETE LINED CHANNELS. IF THIS ITEM IS USED IN AN AREA WITH FLOWS GREATER THAN 2.0-CFS OR WITHOUT A SEDIMENT BASIN, A MINIMUM OF ONE ROCK FILTER DAM SHALL BE USED AT THE DOWNSTREAM DISCHARGE POINT.
		SYMBOL 	
Ch-I	VEGETATED CHANNEL STABILIZATION SECTION 700		A NEW OR EXISTING CHANNEL MAY BE LINED WITH PERMANENT VEGETATION ONLY FOR VELOCITIES UP TO 5.0 fps. THIS MEASURE SHALL BE DESIGNED IN ACCORDANCE WITH THE GDOT CHANNEL LINING DESIGN PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. TYPICALLY NOT SHOWN IN PLANS.
		LINE CODE 	
Ch-2R1	CHANNEL STABILIZATION RIP-RAP, TYPE 1 CONSTRUCTION DETAIL D-49 SECTION 603		THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE 1 RIP-RAP 24" THICK (UNLESS SPECIFIED OTHERWISE) PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP-RAP SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
		LINE CODE 	
Ch-2R3	CHANNEL STABILIZATION RIP-RAP, TYPE 3 CONSTRUCTION DETAIL D-49 SECTION 603		THIS ITEM CONSISTS OF LINING A CHANNEL WITH TYPE 3 RIP-RAP 24" THICK (UNLESS SPECIFIED OTHERWISE) PLACED ON TOP OF A GEOTEXTILE UNDERLINER. THE RIP-RAP SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH "Dp" RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED. "Dp" SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
		LINE CODE 	

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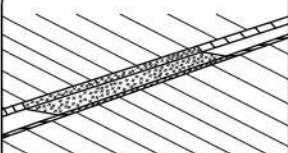
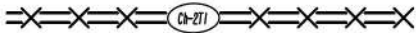
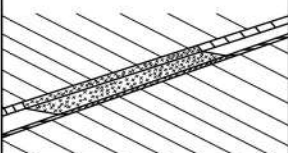
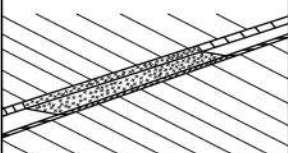
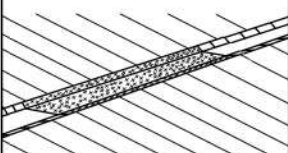
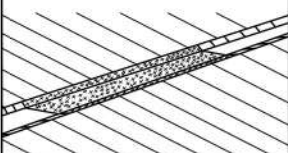
- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

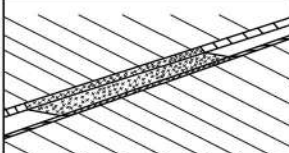
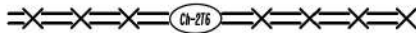
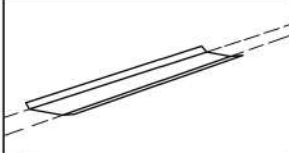
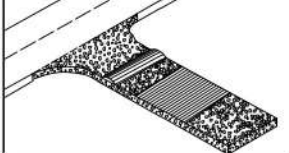
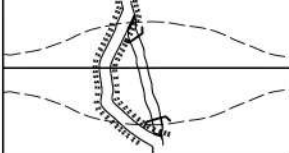
REVISION DATES

3/2/2017
11/28/2018

EROSION CONTROL LEGEND
UNIFORM CODE SHEET
SHEET 2 OF 7

CHECKED:	D. EAGLETON	DATE:	01/01/16	DRAWING No.
BACKCHECKED:		DATE:		
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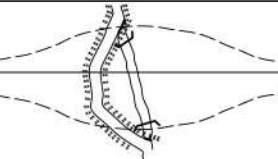
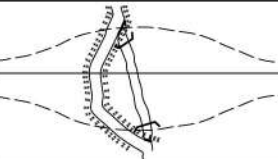
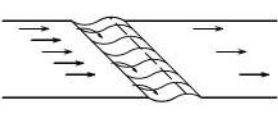
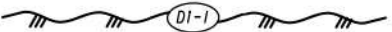
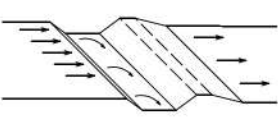
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ch-2T1	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-2 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH 'Dp' RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.
	LINE CODE		'Dp' SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2T2	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-4 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH 'Dp' RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.
	LINE CODE		'Dp' SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2T3	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-6 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH 'Dp' RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.
	LINE CODE		'Dp' SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2T4	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-8 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH 'Dp' RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.
	LINE CODE		'Dp' SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-2T5	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-10 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH 'Dp' RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.
	LINE CODE		'Dp' SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

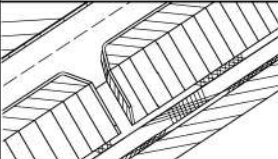
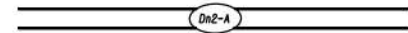
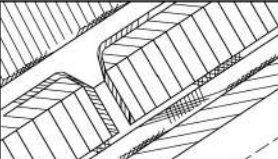
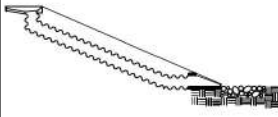
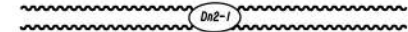
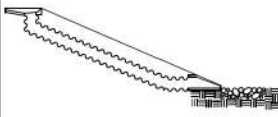
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ch-2T6	TURF REINFORCEMENT MAT (TRM) CONSTRUCTION DETAIL D-35 SECTION 711		THIS THREE DIMENSIONAL EROSION CONTROL MAT IS USED IN CONJUNCTION WITH PERMANENT VEGETATION IN CHANNELS TO STABILIZE THE SOIL BY REINFORCING THE GRASS ROOTS TO PROVIDE LONG-TERM PROTECTION FOR SHEAR STRESSES 0-12 psf. THE TRM SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH 'Dp' RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.
	LINE CODE		'Dp' SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
Ch-3	CONCRETE CHANNEL STABILIZATION CONSTRUCTION DETAIL D-10, D-49 SECTION 441		CHANNELS ARE LINED WITH CONCRETE FOR VELOCITIES >= 10 fps. THIS ITEM CONSISTS OF CONSTRUCTING A 4" THICK CONCRETE CHANNEL. THE CONCRETE SHALL PROTECT THE CHANNEL FLOWING TO A DEPTH 'Dp' RECOMMENDED BY THE GDOT CHANNEL LINING PROGRAM.
	LINE CODE		'Dp' SHALL BE IDENTIFIED IN A TABLE LOCATED ON THE SUMMARY OF QUANTITIES SHEETS AND IN THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN. RIP-RAP SHOULD BE USED TO DISSIPATE ENERGY DOWNSTREAM OF CONCRETE LINED CHANNELS.
Co	CONSTRUCTION EXIT CONSTRUCTION DETAIL D-41 SECTION 163,800		A CONSTRUCTION EXIT IS A STONE STABILIZED PAD THAT REDUCES OR ELIMINATES THE TRANSPORT OF MUD FROM CONSTRUCTION AREAS ONTO PUBLIC ROADS BY EQUIPMENT OR RUNOFF. BEST USED AT ACCESS POINTS, I.e. NEW LOCATION PROJECTS, BORROW PITS, WASTE PITS, ACCESS ROADS, ETC. SHOULD BE MINIMUM 20' WIDE, 50' LONG, 6" THICK, AND REQUIRES A GEOTEXTILE UNDERLINER. ON SITES WHERE THE GRADE TOWARD A PAVED AREA IS GREATER THAN 2%, A FULL WIDTH DIVERSION RIDGE 6" TO 8" HIGH WITH 3:1 SLOPES SHALL BE CONSTRUCTED APPROXIMATELY 15' UPSTREAM OF PAVED AREA. A TIRE WASHING AREA TO REMOVE MUD MAY ALSO BE REQUIRED PRIOR TO ENTRANCE ONTO PUBLIC ROADWAYS.
	SYMBOL		ALL CONSTRUCTION EXIT REQUIREMENTS ARE INCLUDED IN THE PRICE OF THE CONSTRUCTION EXIT.
Dc-A	STREAM DIVERSION CHANNEL GEOTEXTILE, POLYETHYLENE FILM SECTION 163		A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH GEOTEXTILE OR POLYETHYLENE FILM. INSTALL TWO ROWS OF Sd1-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 0 - 2.5 fps.
	LINE CODE		THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.

NOTE:

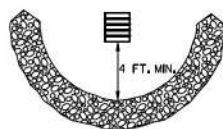
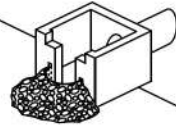
1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA'.

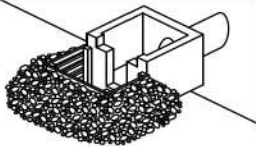
REVISION DATES				EROSION CONTROL LEGEND			
3/2/2017				UNIFORM CODE SHEET			
				SHEET 3 OF 7			
CHECKED:	D. EAGLETON	DATE:	01/01/16	DRAWING No.			
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CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Dc-B	STREAM DIVERSION CHANNEL GEOTEXTILE ONLY SECTION 163		A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH GEOTEXTILE ONLY. INSTALL TWO ROWS OF Sd1-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 2.5 - 9.0 fps.
	LINE CODE 		THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
Dc-C	STREAM DIVERSION CHANNEL RIP-RAP & GEOTEXTILE SECTION 163		A TEMPORARY CHANNEL CONSTRUCTED TO CONVEY FLOW AROUND A CONSTRUCTION SITE WHILE A PERMANENT DRAINAGE STRUCTURE IS BEING CONSTRUCTED IN A NATURAL STREAM. THIS IS A MEASURE USED TO PROTECT STREAM BEDS FROM EROSION. LINE THE CHANNEL WITH RIP-RAP AND GEOTEXTILE. INSTALL TWO ROWS OF Sd1-S PARALLEL TO THE CHANNEL TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE STREAM. THE SIZE OF THE CHANNEL WILL DEPEND ON THE DISCHARGE, CHANNEL GEOMETRY, CHANNEL SLOPE AND ROUGHNESS. IT IS ACCEPTABLE FOR VELOCITIES BETWEEN 9.0 - 13.0 fps.
	LINE CODE 		THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
D1-1	DIVERSION BERM CONSTRUCTION DETAIL D-47 SECTION 205		A NON-DESIGNED TEMPORARY EARTHEN BERM WITH A COMPACTED SUPPORTING RIDGE ON THE LOWER SIDE TO BE USED AT THE EDGE OF EMBANKMENT DURING THE GRADING OPERATION. THE BERMS ARE ALSO CONSTRUCTED ABOVE, ACROSS OR BELOW A SLOPE TO REDUCE THE LENGTH OF A SLOPE. THEY ARE USED TO INTERCEPT RUNOFF, PREVENTING SLOPE EROSION AND TO DIRECT THE RUNOFF TO A STABLE OUTLET, DOWN DRAINS 'Dn1' OR CATCHMENT AREAS AND ON ALL GRADING PROJECTS.
	LINE CODE 		
D1-2	DIVERSION CHANNEL SECTION 205		A DESIGNED TEMPORARY OR PERMANENT CHANNEL WITH A COMPACTED SUPPORTING RIDGE ON THE LOWER SIDE TO DIVERT OFFSITE RUNOFF AWAY FROM DISTURBED AREAS WITHIN THE PROJECT AREA. CHANNEL FOR OFFSITE RUNOFF SHALL BE STABILIZED WITH APPROPRIATE CHANNEL STABILIZATION.
	LINE CODE 		REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR DESIGN CRITERIA. A DIVERSION CHANNEL DETAIL MUST ALSO BE PROVIDED IN THE ESPCP. RUNOFF FROM DISTURBED AREAS WITHIN THE PROJECT AREA SHALL NOT BE ALLOWED TO CONVERGE WITH OFFSITE RUNOFF WITHIN THIS DIVERSION.
Dn1	TEMPORARY DOWNDRAIN STRUCTURE FLEXIBLE CONSTRUCTION DETAIL D-19 SECTION 163		A TEMPORARY PIPE SLOPE DRAIN IS A PLASTIC FLEXIBLE PIPE TO CARRY WATER FROM THE WORK AREA TO A LOWER ELEVATION. TEMPORARY SLOPE DRAINS SHOULD BE PLACED AT INTERVALS OF 350 FEET ON 0% - 2% GRADES, 200 FEET ON STEEPER GRADES AND MORE FREQUENTLY AS DICTATED BY FIELD CONDITIONS. THE TYPICAL PIPE SIZE IS A CORRUGATED 10". THE PIPE WILL BE ANCHORED WITH STAKES AT INTERVALS NOT TO EXCEED 10'.
	LINE CODE 		THE OUTLET AREA SHALL BE STABILIZED FOR VELOCITY DISSIPATION AND EROSION CONTROL.

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Dn2-A	PERMANENT DOWNDRAIN STRUCTURE CONCRETE CONSTRUCTION DETAIL D-9 SECTION 441		A CONCRETE FLUME TYPE 'A' IS USED TO DIRECT SURFACE RUNOFF DOWN A ROADWAY SLOPE INTO ANOTHER FORM OF CONTROL. IT IS USED IN ALL DEPRESSED AREAS WHERE WATER WILL FLOW DOWN THE SLOPE. IT IS DESIGNED FOR A 25-YEAR STORM AND MUST HAVE SOME FORM OF OUTLET PROTECTION. ADDITIONAL LABELING IS NOT REQUIRED IF SHOWN AS A PERMANENT DRAINAGE STRUCTURE ON THE CONSTRUCTION PLANS. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OTHER CRITERIA).
	LINE CODE 		
Dn2-B	PERMANENT DOWNDRAIN STRUCTURE CONCRETE CONSTRUCTION DETAIL D-9 SECTION 441		A CONCRETE FLUME TYPE 'B' IS USED TO DIRECT SURFACE DITCH RUNOFF DOWN A BACK SLOPE INTO ANOTHER FORM OF CONTROL. IT IS USED IN DEPRESSED AREAS WHERE CONCENTRATED OFFSITE WATER REACHES THE CUT SLOPE. IT IS DESIGNED TO SAFELY CONVEY WATER DOWN THE CUT SLOPE. IT IS DESIGNED FOR A 25-YEAR STORM AND MUST HAVE SOME FORM OF OUTLET PROTECTION. ADDITIONAL LABELING IS NOT REQUIRED IF SHOWN AS A PERMANENT DRAINAGE STRUCTURE ON THE CONSTRUCTION PLANS. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).
	LINE CODE 		
Dn2-1	PERMANENT DOWNDRAIN STRUCTURE GA. STD 9013 TP1, 9017J TP1, DETAIL D-26 TP1 SECTION 576, 577		CONCRETE DRAIN INLET WITH METAL PIPE IS USED TO DRAIN CURBS, ON A GRADE, DOWN TO A LOWER ELEVATION. THIS IS A PERMANENT STRUCTURE, REQUIRING OUTLET PROTECTION, TEMPORARY AND PERMANENT. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).
	LINE CODE 		
Dn2-2	PERMANENT DOWNDRAIN STRUCTURE GA. STD 9013 TP2, 9017J TP2, DETAIL D-26 TP2 SECTION 576, 577		CONCRETE DRAIN INLET AND METAL PIPE IS USED TO DRAIN CURB, IN A SAG, DOWN TO A LOWER ELEVATION. THIS IS A PERMANENT STRUCTURE, REQUIRING OUTLET PROTECTION, TEMPORARY AND PERMANENT. INLETS SHALL BE SPACED ACCORDING TO GDOT GUIDELINES (REGARDING GUTTER SPREAD AND OR OTHER CRITERIA).
	LINE CODE 		

- NOTE:
- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
 - FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Fr	FILTER RING CONSTRUCTION DETAIL D-46 SECTION 163		A TEMPORARY STONE BARRIER CONSTRUCTED AT DRAINAGE STRUCTURE INLETS AND POST-CONSTRUCTION POND OUTLETS. IT REDUCES RUNOFF VELOCITY AND HELPS PREVENT SEDIMENT FROM LEAVING SITE PRIOR TO PERMANENT STABILIZATION OF THE DISTURBED AREA. REFER TO THE LATEST EDITION OF THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA' FOR ADDITIONAL INFORMATION ON USAGE.
	SYMBOL 		
Rd	ROCK FILTER DAM CONSTRUCTION DETAIL D-43 SECTION 163, 603		ROCK FILTER DAMS ARE CONSTRUCTED OF TYPE 3 STONE RIP-RAP FACED WITH *57 STONE ON THE UPSTREAM SIDE. THEY ARE PLACED ACROSS DRAINAGEWAYS WHICH DRAIN 50 ACRES OR LESS. GEOTEXTILE UNDERLINER SHALL BE USED WHEN PLACING ROCK FILTER DAMS. THE DAM SHOULD NOT BE HIGHER THAN THE CHANNEL BANKS. ROCK FILTER DAMS SHOULD BE USED IN DITCHES PRIOR TO DISCHARGING INTO STREAMS, WETLANDS, OPEN-WATERS, OR OTHER ESAs.
	SYMBOL 		
Rd-B	STONE FILTER BERM CONSTRUCTION DETAIL D-50 SECTION 163, 603		STONE FILTER BERMS ARE CONSTRUCTED SIMILAR TO ROCK FILTER DAMS FOR A LINEAR APPLICATION. THEY ARE CONSTRUCTED OF TYPE-3 STONE RIP-RAP FACED WITH *57 STONE ON THE UPSTREAM SIDE. GEOTEXTILE UNDERLINER SHALL BE USED WHEN PLACING STONE FILTER BERMS. STONE FILTER BERMS ARE IDEAL ALONG THE PERIMETER FOR SHEET FLOW AND/OR SHALLOW CONCENTRATED FLOW TO A COMMON LOW AREA WHERE PERIMETER SILT FENCE ALONE MAY BE INSUFFICIENT. THERE IS NO WELL-DEFINED CHANNEL FOR A STANDARD ROCK FILTER DAM, AND/OR CONSTRUCTING A ROCK OUTLET TEMPORARY SEDIMENT TRAP IS NOT APPLICABLE.
	LINE CODE 		
Rp	RIP-RAP SECTION 603		RIP-RAP IS A FLEXIBLE PERMANENT BLANKET FOR PROTECTION OF FILL SLOPES AND BRIDGE END ROLLS. RIP-RAP TYPE-1 SHOULD BE PLACED ON TOP OF A GEOTEXTILE UNDERLINER AT A MINIMUM 24" THICKNESS OR AS INDICATED ON THE PLANS. RIP-RAP MAY ALSO BE USED AT DRAINAGE STRUCTURE OUTLETS WITHIN THE RIGHT-OF-WAY. HOWEVER, APPROPRIATE OUTLET PROTECTION SHOULD BE PROVIDED AT OUTFALLS. REFER TO STORM DRAIN OUTLET PROTECTION FOR ADDITIONAL INFORMATION ON USING RIP-RAP AT OUTFALLS.
	PATTERN 		
Rt-P	RETROFITTING PERFORATED HALF-ROUND PIPE CONSTRUCTION DETAIL D-44 SECTION 163		A PERFORATED HALF-ROUND PIPE WITH STONE FILTER PLACED IN FRONT OF A PERMANENT STORMWATER DETENTION POND OUTLET STRUCTURE TO SERVE AS A TEMPORARY SEDIMENT FILTER. SHOULD BE USED ONLY IN DETENTION PONDS WITH LESS THAN 30 ACRES TOTAL DRAINAGE AREA. SHALL ONLY BE USED IN DETENTION BASINS LARGE ENOUGH TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DISTURBED AREA. REFER TO THE LATEST EDITION OF THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA' FOR DESIGN CRITERIA.
	SYMBOL 		

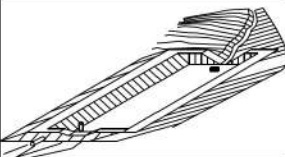
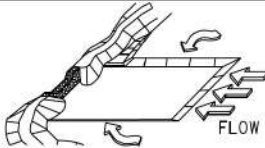
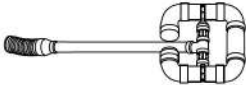
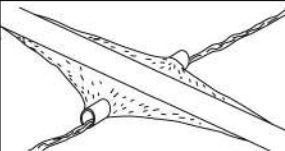
CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION	
Rt-B	RETROFITTING SLOTTED BOARD DAM CONSTRUCTION DETAIL D-45 SECTION 163		A SLOTTED BOARD DAM CONSISTS OF STONE AND/OR FILTER FABRIC AND BOARDS WITH 0.5' - 1.0' SPACING TO SERVE AS A TEMPORARY SEDIMENT FILTER. PERMANENT STORMWATER DETENTION POND OUTLET: -DRAINAGE AREA UP TO 100 ACRES -DETENTION BASINS LARGE ENOUGH TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DISTURBED AREA ROADWAY DRAINAGE STRUCTURE: -OPEN END PIPES, WINGED HEADWALLS, OR CONCRETE WEIR OUTLETS WITH DRAINAGE AREA LESS THAN 30 ACRES REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR DESIGN CRITERIA.	
	SYMBOL Rt-B			
Rt-Sg1	RETROFITTING SILT CONTROL GATES CONSTRUCTION DETAIL D-20 SECTION 163	 FRONT VIEW	A SILT CONTROL GATE CONSISTS OF BOARDS WITHOUT SPACING AND FILTER FABRIC TO BE USED FOR TEMPORARY SEDIMENT STORAGE ON ROADWAY PROJECTS AT THE INLET OF STRUCTURES WITH A DRAINAGE AREA UP TO 50 ACRES. THE DISTURBED AREA WITHIN THE DRAINAGE AREA SHALL NOT EXCEED 5 ACRES. SILT CONTROL GATES SHOULD NOT BE USED ALONE, BUT WITH ANOTHER BMP DOWNSTREAM PRIOR TO DISCHARGE LEAVING PROJECT AREA. DO NOT USE SILT GATES IN STATE WATERS. Rt-Sg1•TYPE 1: USED ON BOX CULVERTS Rt-Sg2•TYPE 2: USED ON STRAIGHT HEADWALLS Rt-Sg3•TYPE 3: USED ON FLARED END SECTIONS AND TAPERED HEADWALLS	
Rt-Sg2				
Rt-Sg3				
SdI-NS	SEDIMENT BARRIER (NON-SENSITIVE) SILT FENCE TYPE A CONSTRUCTION DETAIL D-24 SECTION 171		SEDIMENT BARRIERS MINIMIZE AND PREVENT SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE PROJECT AREA BY CAUSING DEPOSITION AND/OR FILTRATION OF SEDIMENT. SILT FENCE USED AS PERIMETER CONTROL SHALL NOT BE INSTALLED ACROSS CONCENTRATED FLOW. TYPE-A SILT FENCE IS TYPICALLY USED IN NON-ENVIRONMENTALLY SENSITIVE AREAS (ESAs) OR IN AREAS WITH FILLS LESS THAN 10'. IT SHOULD BE PLACED A MINIMUM OF 10' FROM CONSTRUCTION LIMITS OR ALONG THE RIGHT-OF-WAY LINE.	
	LINE CODE — A — A — A — SdI-NS — A — A — A —			
SdI-S	SEDIMENT BARRIER (SENSITIVE) SILT FENCE TYPE C CONSTRUCTION DETAIL D-24 SECTION 171		SEDIMENT BARRIERS MINIMIZE AND PREVENT SEDIMENT CARRIED BY SHEET FLOW FROM LEAVING THE PROJECT AREA BY CAUSING DEPOSITION AND/OR FILTRATION OF SEDIMENT. SILT FENCE USED AS PERIMETER CONTROL SHALL NOT BE INSTALLED ACROSS CONCENTRATED FLOW. TYPE-C SILT FENCE IS TYPICALLY USED IN ENVIRONMENTALLY SENSITIVE AREAS (ESAs) OR IN AREAS WITH FILLS 10' AND GREATER. ALL ENVIRONMENTALLY SENSITIVE AREAS (ESAs) SHALL BE PROTECTED WITH A DOUBLE-ROW OF TYPE-C SILT FENCE REGARDLESS OF FILL HEIGHT. A SINGLE-ROW MAY BE USED FOR OTHER APPLICATIONS. IT SHOULD BE PLACED A MINIMUM OF 10' FROM CONSTRUCTION LIMITS OR ALONG THE RIGHT-OF-WAY LINE.	
	LINE CODE — C — C — C — SdI-S — C — C — C —			

NOTE:

- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

REVISION DATES			EROSION CONTROL LEGEND		
3/2/2017			UNIFORM CODE SHEET		
			SHEET 5 OF 7		
CHECKED:	D. EAGLETON	DATE: 01/01/16	DRAWING No.		
BACKCHECKED:		DATE:	52-0005		
CORRECTED:		DATE:			
VERIFIED:		DATE:			

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Sd1-BB	SEDIMENT BARRIER BRUSH BARRIER CONSTRUCTION DETAIL D-24B SECTION 201		THIS ITEM CONSISTS OF INTERMINGLED BRUSH, LOGS, ETC. SO AS NOT TO FORM A SOLID DAM. CONSTRUCTED AT THE TOE OF FILL SLOPES ONLY DURING THE CLEARING AND GRUBBING OPERATION. THE BARRIER SHOULD BE USED AT THE TOE OF FILL SLOPES ON GRADING PROJECTS IN RURAL AREAS WHERE SUFFICIENT RIGHT OF WAY OR EASEMENT IS AVAILABLE (10 FEET OR MORE). THE BARRIER SHOULD RUN ROUGHLY PERPENDICULAR TO THE FLOW OF WATER WHERE THIS DOES NOT CONFLICT WITH RIGHT-OF-WAY OR EASEMENT LIMITS. THEY WILL NOT BE PLACED IN WETLANDS. TYPICALLY NOT SHOWN ON PLANS. PAYMENT FOR THIS ITEM IS INCLUDED IN THE CLEARING AND GRUBBING COST. NO SEPARATE PAYMENT SHALL BE MADE.
	LINE CODE * * * Sd1-BB * * *		
Sd2-B	INLET SEDIMENT TRAP (BAFFLE BOX) CONSTRUCTION DETAIL D-42 SECTION 163		BAFFLE BOX INLET SEDIMENT TRAP USED FOR INLETS RECEIVING HIGH FLOW RATE AND/OR VELOCITY. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING FLOW RATES 7 cfs AND GREATER.
	SYMBOL Sd2-B		
Sd2-Bg	INLET SEDIMENT TRAP (BLOCK & GRAVEL) CONSTRUCTION DETAIL D-42 SECTION 163		BLOCK AND GRAVEL DROP INLET PROTECTION USED FOR WHERE HEAVY FLOWS ARE EXPECTED AND WHERE OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING AROUND THE STRUCTURE. CAN BE USED AT CULVERT INLETS. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING FLOW RATES THAT RANGE FROM 5 - 7 cfs.
	SYMBOL Sd2-Bg		
Sd2-F	INLET SEDIMENT TRAP (FILTER FABRIC) CONSTRUCTION DETAIL D-24C SECTION 163	OR OR	(a) A SEDIMENT BARRIER CONSISTING OF A PREFABRICATED FRAME WITH FILTER FABRIC USED AROUND A DROP INLET OR CATCH BASIN. (b) A SEDIMENT BARRIER CONSISTING OF A PERFORATED METAL STAND PIPE WITH FILTER FABRIC USED AROUND A DROP INLET OR CATCH BASIN. (c) TYPE C SILT FENCE WITH SUPPORTING FRAME CAN BE USED AS AN ALTERNATE TO INLET SEDIMENT TRAP FOR AREAS WITH SLOPES < 5%. THIS ITEM IS USED TO PREVENT SILT FROM ENTERING THE PIPE SYSTEM. SHALL NOT APPLY TO INLETS RECEIVING CONCENTRATED FLOWS. RECOMMENDED FOR INLET RECEIVING FLOW RATES THAT RANGE FROM 0 - 4 cfs.
	SYMBOL Sd2-F		
Sd2-G	INLET SEDIMENT TRAP (GRAVEL) CONSTRUCTION DETAIL D42 SECTION 163		GRAVEL DROP INLET PROTECTION USED WHERE HEAVY CONCENTRATED FLOWS ARE EXPECTED. STONE AND GRAVEL ARE USED TO TRAP SEDIMENT. THE SLOPE TOWARD THE INLET SHALL BE NO MORE THAN 3:1. A GUIDE FOR USE WILL BE FOR AN INLET RECEIVING FLOW RATES THAT RANGE FROM 3 - 5 cfs.
	SYMBOL Sd2-G		

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Sd3	TEMPORARY SEDIMENT BASIN CONSTRUCTION DETAIL D-22A, D-22B SECTION 163		A BASIN CREATED BY EXCAVATING AN AREA, DAMMING CONCENTRATED FLOW, OR A COMBINATION OF BOTH. THE BASIN IS DESIGNED TO STORE 67 CUBIC YARDS OF SEDIMENT PER ACRE OF DRAINAGE AREA. THE DRAINAGE AREA SHOULD NOT EXCEED 150 ACRES. BASINS TYPICALLY CONSISTS OF A DAM, PRINCIPAL SPILLWAY, AND AN EMERGENCY SPILLWAY. A FLOATING SURFACE SKIMMER SHALL BE REQUIRED AS PART OF THE PRINCIPAL SPILLWAY UNLESS INFEASIBLE. SUFFICIENT RIGHT-OF-WAY OR EASEMENT IS NEEDED FOR BASIN CONSTRUCTION AND MAINTENANCE ACCESS.
	SYMBOL Sd3		SEDIMENT BASINS SHALL BE CONSIDERED ON ALL PROJECTS, BUT MAY NOT BE PRACTICAL. BASINS SHOULD BE LOCATED TO MINIMIZE INTERFERENCE WITH CONSTRUCTION ACTIVITIES AND UTILITIES. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR DESIGN CRITERIA.
Sd4-C	ROCK OUTLET TEMPORARY SEDIMENT TRAP CONSTRUCTION DETAIL D-53 SECTION 163		TEMPORARY POND WITH ROCK OUTLET DESIGNED TO STORE 67 CUBIC YARDS OF SEDIMENT PER DRAINAGE AREA. DRAINAGE AREA SHALL NOT EXCEED 5 ACRES. DISTINGUISHED FROM TEMPORARY SEDIMENT BASIN BY LACK OF PRINCIPAL SPILLWAY. MAXIMUM POND DEPTH FROM BOTTOM OF POND TO EMERGENCY SPILLWAY IS 4 FEET.
	SYMBOL Sd4-C		A TEMPORARY SEDIMENT BASIN SHALL BE EVALUATED PRIOR TO CONSIDERING A TEMPORARY SEDIMENT TRAP. A TEMPORARY SEDIMENT TRAP IS IDEAL FOR SMALL AREAS WITH NO UNUSUAL DRAINAGE FEATURES AND EFFECTIVE AGAINST COARSE SEDIMENT, BUT NOT AGAINST SILT OR CLAY PARTICLES THAT REMAIN SUSPENDED. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR DESIGN CRITERIA.
Sk	FLOATING SURFACE SKIMMER CONSTRUCTION DETAIL D-22A, D-22B SECTION 163		A BUOYANT DEVICE THAT DRAINS WATER FROM THE SURFACE OF A TEMPORARY SEDIMENT BASIN AT A CONTROLLED FLOW RATE. THE INLET/ORIFICE SIZE IS DESIGNED TO DRAIN THE BASIN WITHIN 24 - 48 HOURS. THE SKIMMER INFORMATION SHALL BE PROVIDED IN CONJUNCTION WITH THE SEDIMENT BASIN INFORMATION IN PLANS. IF A SKIMMER IS INFEASIBLE, THE DESIGNER SHALL PROVIDE A WRITTEN JUSTIFICATION IN THE PLANS.
	SYMBOL Sk		SKIMMERS ARE ATTACHED TO A RISER WITHOUT PERFORATIONS AND ACTS AS THE PRIMARY SPILLWAY. THE SKIMMER BMP SYMBOL SHALL BE SHOWN IN CONJUNCTION WITH THE TEMPORARY SEDIMENT BASIN BMP SYMBOL WHEN APPLICABLE. REFER TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" FOR ADDITIONAL INFORMATION.
Sr	TEMPORARY STREAM CROSSING SECTION 107		A TEMPORARY STRUCTURE INSTALLED ACROSS A FLOWING STREAM OR WATERCOURSE FOR USE BY CONSTRUCTION EQUIPMENT. THIS BMP PROVIDES A MEANS TO CROSS STREAMS OR WATERCOURSES WITHOUT MOVING SEDIMENT INTO STREAMS, DAMAGING THE STREAM BED OR CHANNEL, OR CAUSING FLOODING. THIS BMP SHOULD NOT BE USED ON STREAMS WITH DRAINAGE AREAS GREATER THAN ONE SQUARE MILE, UNLESS SPECIFICALLY DESIGNED TO ACCOMMODATE THE ADDITIONAL DRAINAGE AREA BY THE DESIGN PROFESSIONAL. A CERTIFICATION STATEMENT AND SIGNATURE SHALL ACCOMPANY THE DESIGN.
	SYMBOL Sr		THIS BMP SHALL BE DESIGNED ACCORDING TO THE LATEST EDITION OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA". FOR CONTRACTOR'S USE ONLY!

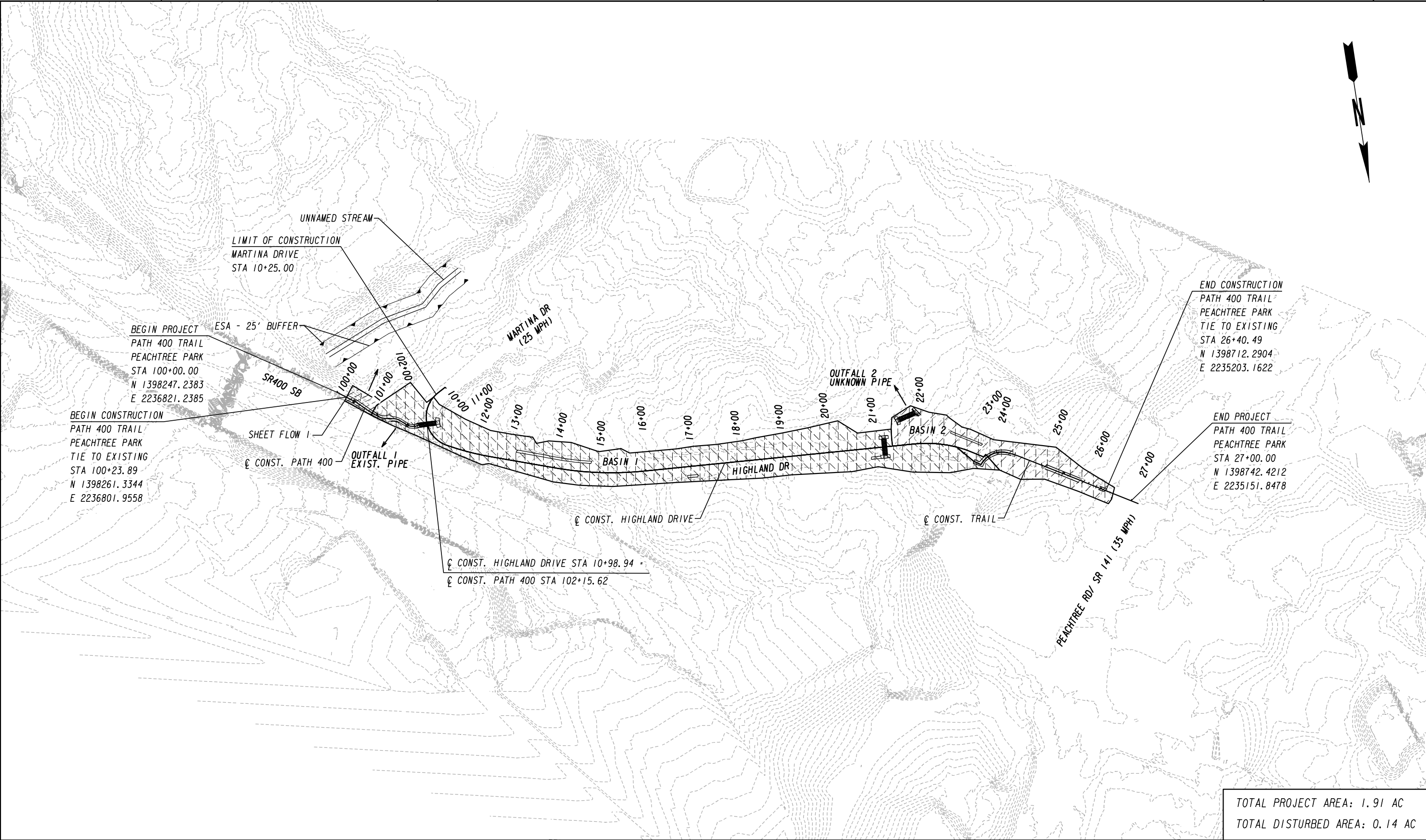
NOTE:

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

<i>CODE</i>	<i>PRACTICE STD OR DETAIL SPEC. SECT.</i>	<i>DETAIL</i>	<i>DESCRIPTION</i>

1. DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
2. FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S, "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".

REVISION DATES 3/2/2017 		EROSION CONTROL LEGEND UNIFORM CODE SHEET SHEET 7 OF 7	
CHECKED:	D. EAGLETON	DATE:	01/01/16
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
			DRAWING No.
			52-0007



TOTAL PROJECT AREA: 1.91 AC
TOTAL DISTURBED AREA: 0.14 AC

BASIN NO.	OUTFALL LOCATION AND DESCRIPTION				DISTURBED AREA	CONTRIBUTING AREA (ac)	EXISTING RUNOFF COEFFICIENT			EXISTING RUNOFF (CFS)			PROPOSED RUNOFF COEFFICIENT			PROPOSED RUNOFF (CFS)			PRE - HEADWATER ELEV.		PRE - VELOCITY (FPS)		POST - HEADWATER ELEV.		POST - VELOCITY (FPS)	
	ROAD	STATION	OFFSET	STRUCTURE TYPE			C ₂₅	C ₅₀	C ₁₀₀	(cfs) Q ₂₅	(cfs) Q ₅₀	(cfs) Q ₁₀₀	C ₂₅	C ₅₀	C ₁₀₀	(cfs) Q ₂₅	(cfs) Q ₅₀	(cfs) Q ₁₀₀	(ft) Hw ₅₀	(ft) Hw ₁₀₀	(fps) V ₅₀	(fps) V ₁₀₀	(ft) Hw ₅₀	(ft) Hw ₁₀₀	(fps) V ₅₀	(fps) V ₁₀₀
1	PATH 400	101+42.02	2.33' LT	EXIST. PIPE	0.04	2.41	0.76	0.83	0.87	17.14	21.06	24.65	0.77	0.84	0.87	17.24	21.19	24.81	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A
2	HIGHLAND DRIVE	21+79	-	UNKNOWN PIPE	0.07	0.69	0.80	0.88	0.91	5.20	6.39	7.48	0.82	0.90	0.93	5.31	6.53	7.64	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A

SHEET FLOW	SHEET FLOW LOCATION AND DESCRIPTION				DISTURBED AREA	CONTRIBUTING AREA (ac)	EXISTING RUNOFF COEFFICIENT			EXISTING RUNOFF (CFS)			PROPOSED RUNOFF COEFFICIENT			PROPOSED RUNOFF (CFS)			PRE - HEADWATER ELEV.		PRE - VELOCITY (FPS)		POST - HEADWATER ELEV.		POST - VELOCITY (FPS)	
	ROAD	STATION	OFFSET	STRUCTURE TYPE			C ₂₅	C ₅₀	C ₁₀₀	(cfs) Q ₂₅	(cfs) Q ₅₀	(cfs) Q ₁₀₀	C ₂₅	C ₅₀	C ₁₀₀	(cfs) Q ₂₅	(cfs) Q ₅₀	(cfs) Q ₁₀₀	(ft) Hw ₅₀	(ft) Hw ₁₀₀	(fps) V ₅₀	(fps) V ₁₀₀	(ft) Hw ₅₀	(ft) Hw ₁₀₀	(fps) V ₅₀	(fps) V ₁₀₀
SF1	PATH 400	100+50	-	-	0.03	0.06	0.39	0.43	0.45	0.20	0.25	0.29	0.42	0.46	0.48	0.22	0.27	0.31	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A	N/ A

REF108
REF109
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&

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Heath & Lineback Engineers

INCORPORATED

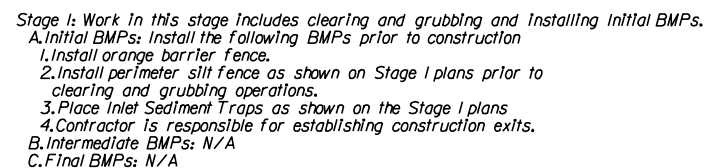
2390 CANTON ROAD, BUILDING 200

MARIETTA, GEORGIA 30066-5393

(770)424-1668

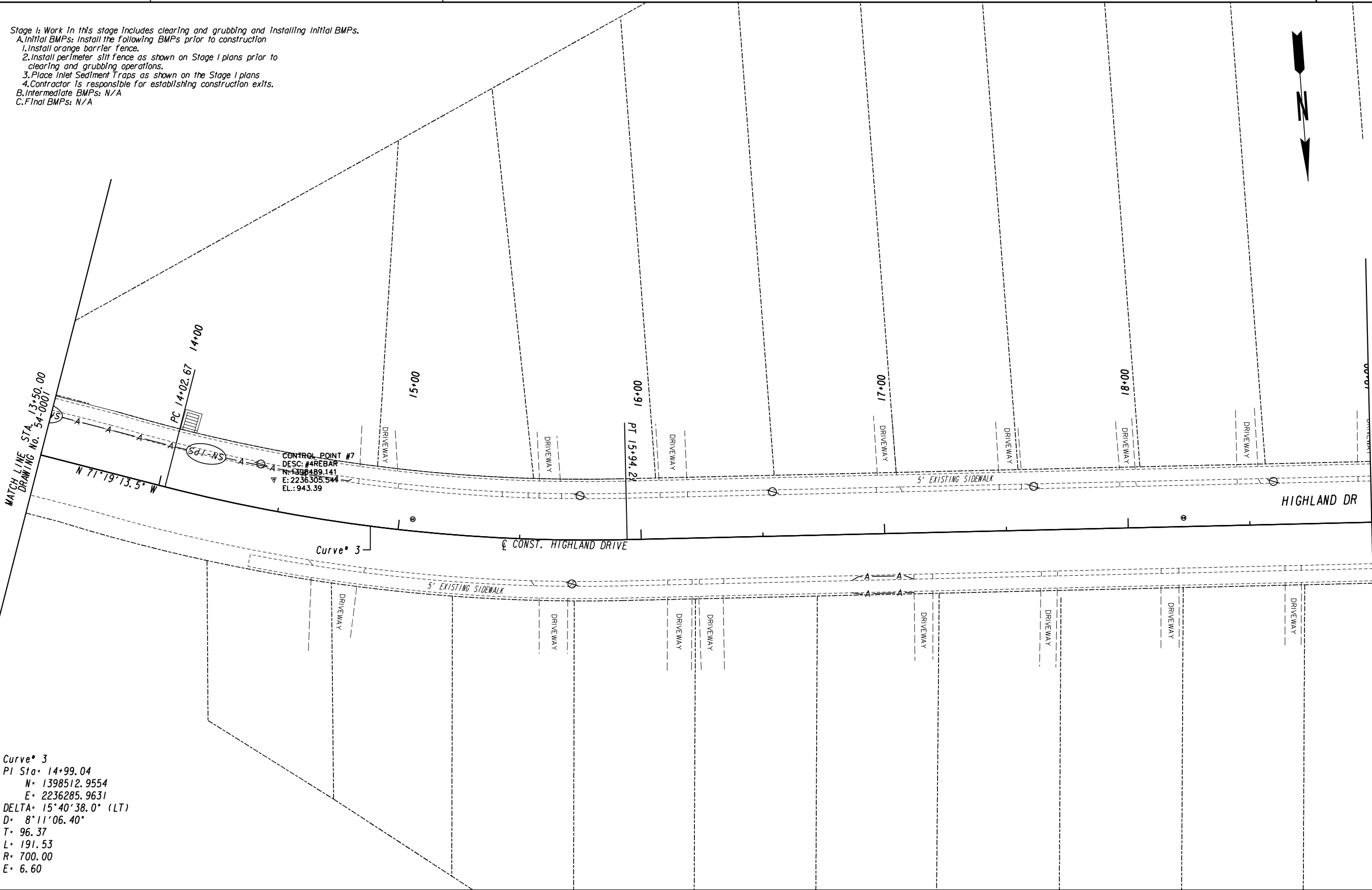


REVISION DATES			LIVABLE BUCKHEAD INC. & CITY OF ATLANTA			
			EROSION CONTROL DRAINAGE AREA MAP			
			PATH 400			
			PEACHTREE PARK			
			CHECKED:		DATE:	
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			CORRECTED:		DATE:	
			VERIFIED:		DATE:	
			DRAWING No.			53-0002



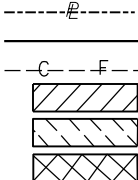
REVISION DATES			LIVABLE BUCKHEAD INC. & CITY OF ATLANTA			
			BMP LOCATION DETAILS - INITIAL PHASE			
			PATH 400			
			PEACHTREE PARK			
			CHECKED:		DATE:	
			BACKCHECKED:		DATE:	
			CORRECTED:		DATE:	
			VERIFIED:		DATE:	
			DRAWING No.			
			54-0001			

Stage I: Work In this stage Includes clearing and grubbing and installing Initial BMPs.
A.Initial BMPs: Install the following BMPs prior to construction
1.Install orange barrier fence.
2.Install perimeter silt fence as shown on Stage I plans prior to clearing and grubbing operations.
3.Place Inlet Sediment Traps as shown on the Stage I plans
4.Contractor Is responsible for establishing construction exits.
B.Intermediate BMPs: N/A
C.Final BMPs: N/A

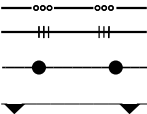


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DELTA* 15°40'38.0" (LT)
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L* 191.53
R* 700.00
E* 6.60

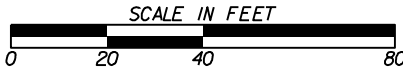
PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES



BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)



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REVISION DATES

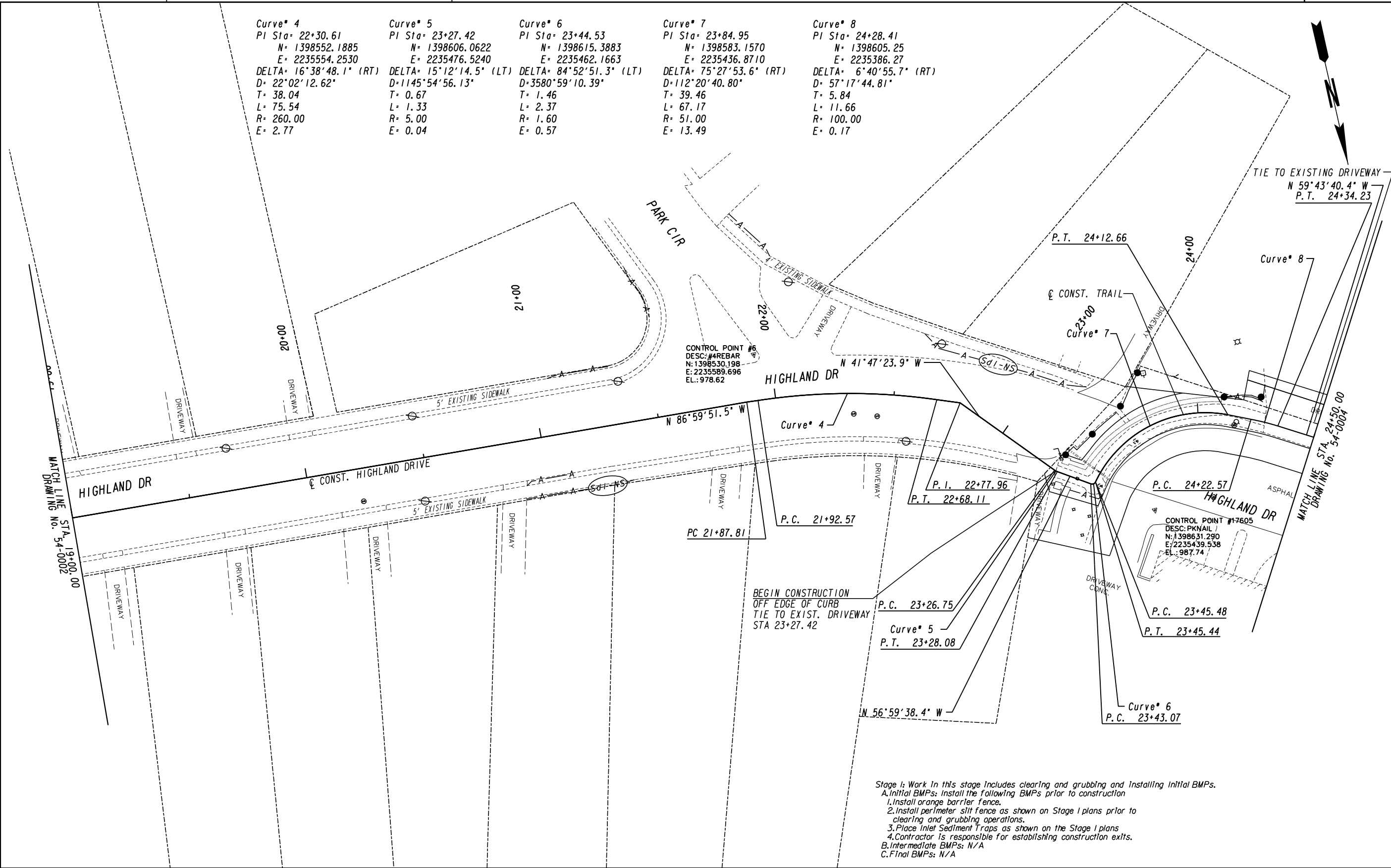
LIVABLE BUCKHEAD INC. & CITY OF ATLANTA

BMP LOCATION DETAILS - INITIAL PHASE
PATH 400
PEACHTREE PARK

CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

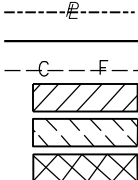
DRAWING No.

54-0002

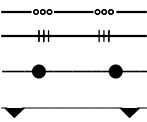


Stage I: Work In this stage Includes clearing and grubbing and installing Initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence.
2. Install perimeter slit fence as shown on Stage I plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps as shown on the Stage I plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES



BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)



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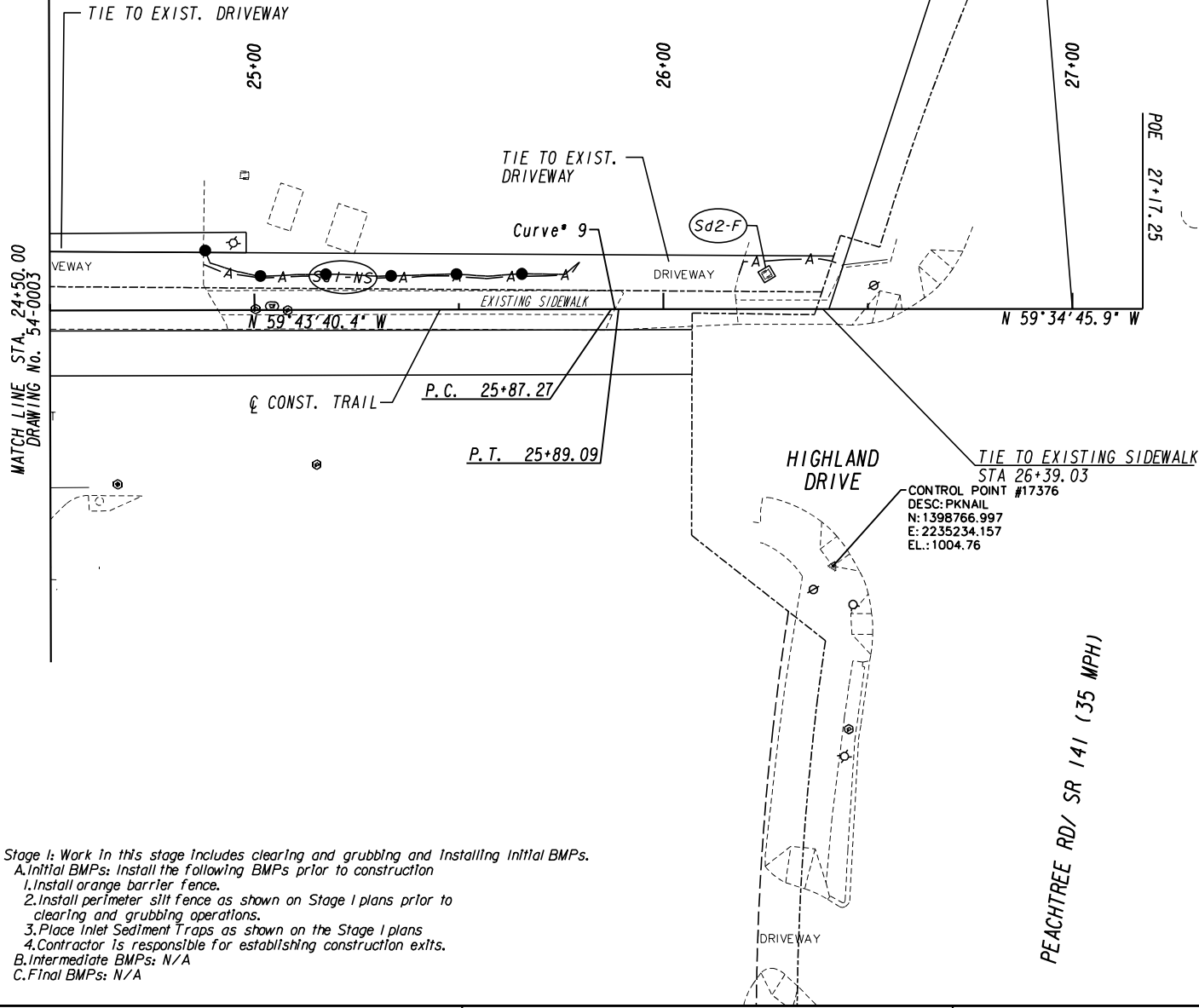


REVISION DATES				LIVABLE BUCKHEAD INC. & CITY OF ATLANTA			
				BMP LOCATION DETAILS - INITIAL PHASE			
				PATH 400			
				PEACHTREE PARK			
CHECKED:		DATE:		DRAWING No.			
BACKCHECKED:		DATE:		54-0003			
CORRECTED:		DATE:					
VERIFIED:		DATE:					

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D= 8°11'06.40"
T= 0.91
L= 1.81
R= 700.00
E= 0.00

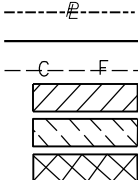
END CONSTRUCTION
PATH 400 TRAIL
PEACHTREE PARK
TIE TO EXISTING
STA 26+40.49
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END PROJECT
PATH 400 TRAIL
PEACHTREE PARK
STA 27+00.00
N 1398742.4212
E 2235151.8478



Stage I: Work in this stage includes clearing and grubbing and installing initial BMPs.
A. Initial BMPs: Install the following BMPs prior to construction
1. Install orange barrier fence.
2. Install perimeter silt fence as shown on Stage I plans prior to clearing and grubbing operations.
3. Place Inlet Sediment Traps as shown on the Stage I plans
4. Contractor is responsible for establishing construction exits.
B. Intermediate BMPs: N/A
C. Final BMPs: N/A

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES



BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

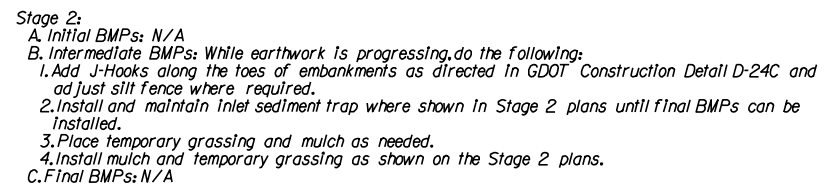
H&L Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668



REVISION DATES

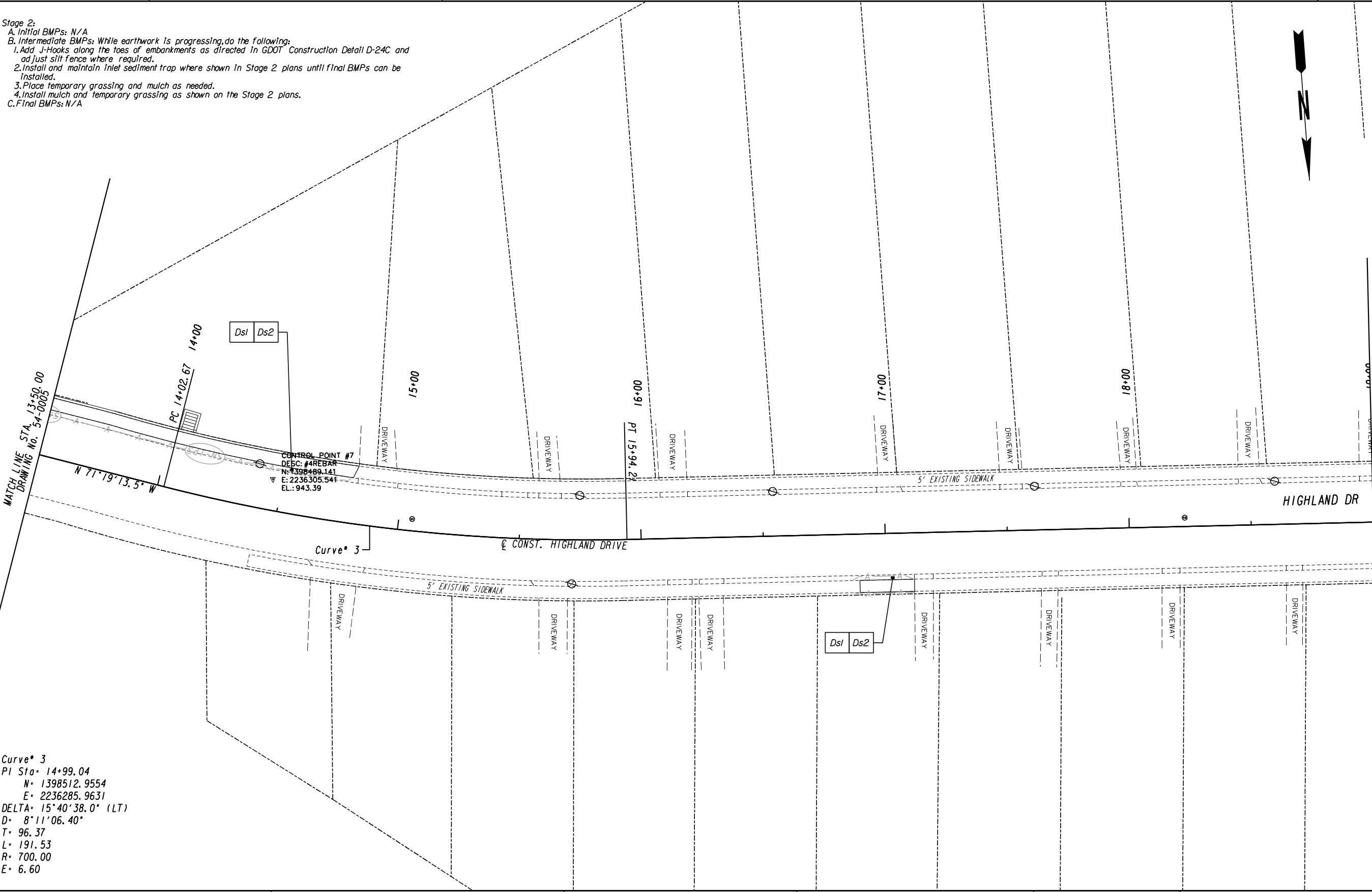
LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
BMP LOCATION DETAILS - INITIAL PHASE
PATH 400
PEACHTREE PARK

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-0004
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VERIFIED:	DATE:	



REVISION DATES			LIVABLE BUCKHEAD INC. & CITY OF ATLANTA		
			BMP LOCATION DETAILS - INTERMEDIATE PHASE		
			PATH 400		
			PEACHTREE PARK		
			CHECKED:		DATE:
			BACKCHECKED:		DATE:
			CORRECTED:		DATE:
			VERIFIED:		DATE:
			DRAWING No.		
			54-0005		

Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain inlet sediment trap where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: N/A



Curve* 3
PI Sta* 14+99.04
N* 1398512.9554
E* 2236285.9631
DELTA* 15°40'38.0" (LT)
D* 8°11'06.40"
T* 96.37
L* 191.53
R* 700.00
E* 6.60

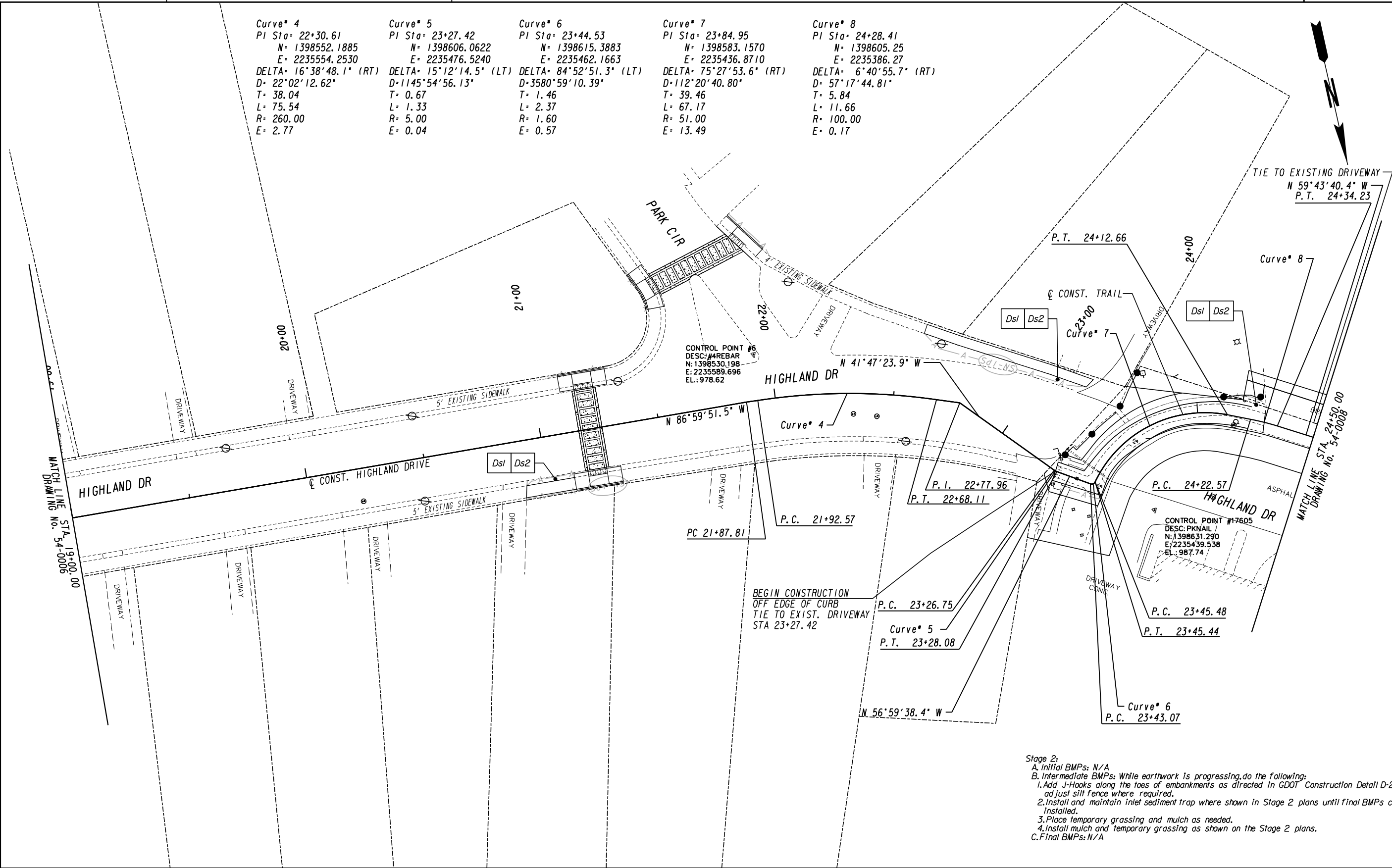
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END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

HL

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668



REVISION DATES			LIVABLE BUCKHEAD INC. & CITY OF ATLANTA		
			BMP LOCATION DETAILS - INTERMEDIATE PHASE		
			PATH 400		
			PEACHTREE PARK		
CHECKED:	DATE:		BACKCHECKED:	DATE:	
CORRECTED:	DATE:		VERIFIED:	DATE:	
			DRAWING No.		
			54-0006		



Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in GDOT Construction Detail D-24C and adjust silt fence where required.
2. Install and maintain inlet sediment trap where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: N/A

7/31/2015
GPLN

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

---E---

---C---F---

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
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(770)424-1668

SCALE IN FEET
0 20 40 80

REVISION DATES	

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
BMP LOCATION DETAILS - INTERMEDIATE PHASE
PATH 400
PEACHTREE PARK

CHECKED:
BACKCHECKED:
CORRECTED:
VERIFIED:

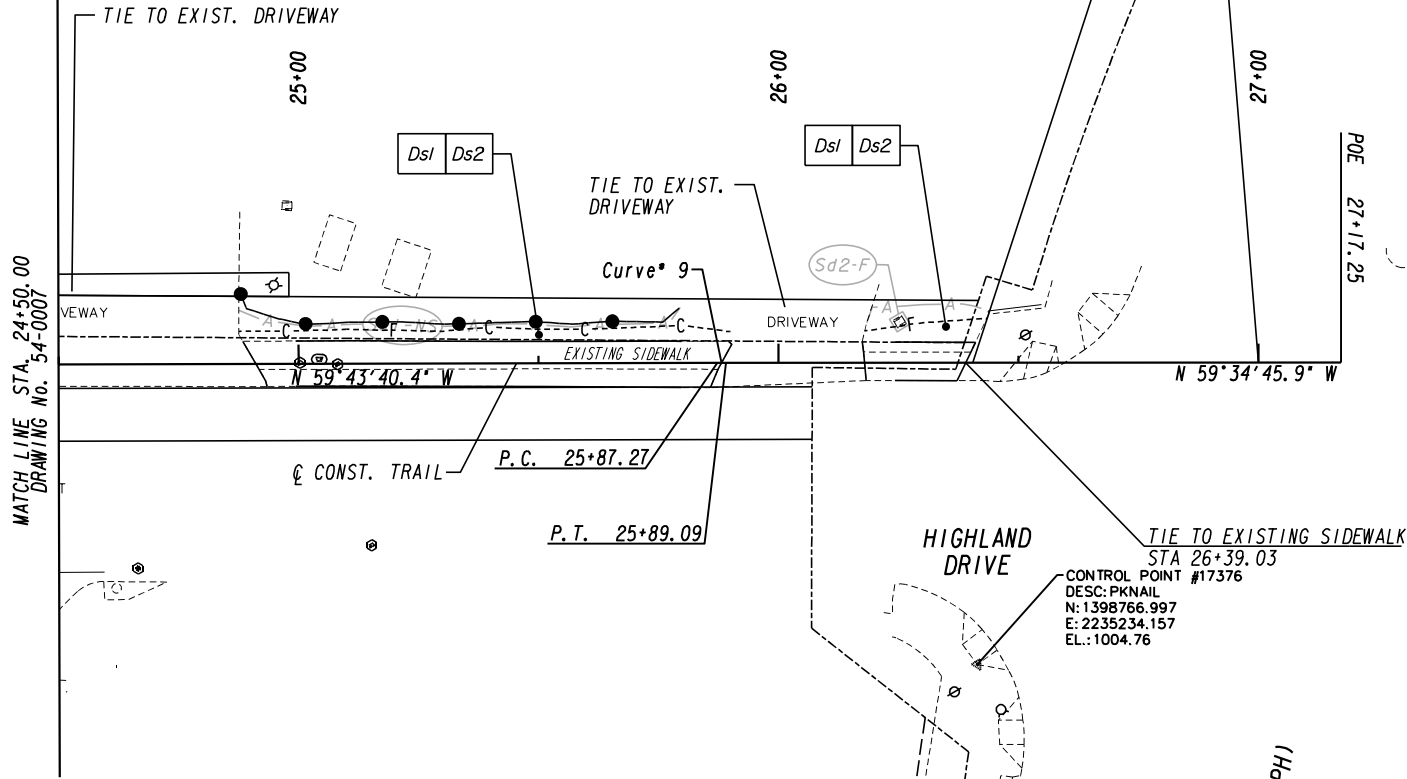
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DATE:
DATE:
DATE:

DRAWING No.
54-0007

Curve* 9
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N= 1398685.80
E= 2235248.27
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D= 8°11'06.40"
T= 0.91
L= 1.81
R= 700.00
E= 0.00

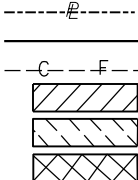
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PEACHTREE PARK
TIE TO EXISTING
STA 26+40.49
N 1398712.2904
E 2235203.1622

END PROJECT
PATH 400 TRAIL
PEACHTREE PARK
STA 27+00.00
N 1398742.4212
E 2235151.8478



Stage 2:
A. Initial BMPs: N/A
B. Intermediate BMPs: While earthwork is progressing, do the following:
1. Add J-Hooks along the toes of embankments as directed in *GDOT Construction Detail D-24C* and adjust silt fence where required.
2. Install and maintain inlet sediment trap where shown in Stage 2 plans until final BMPs can be installed.
3. Place temporary grassing and mulch as needed.
4. Install mulch and temporary grassing as shown on the Stage 2 plans.
C. Final BMPs: N/A

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES



BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

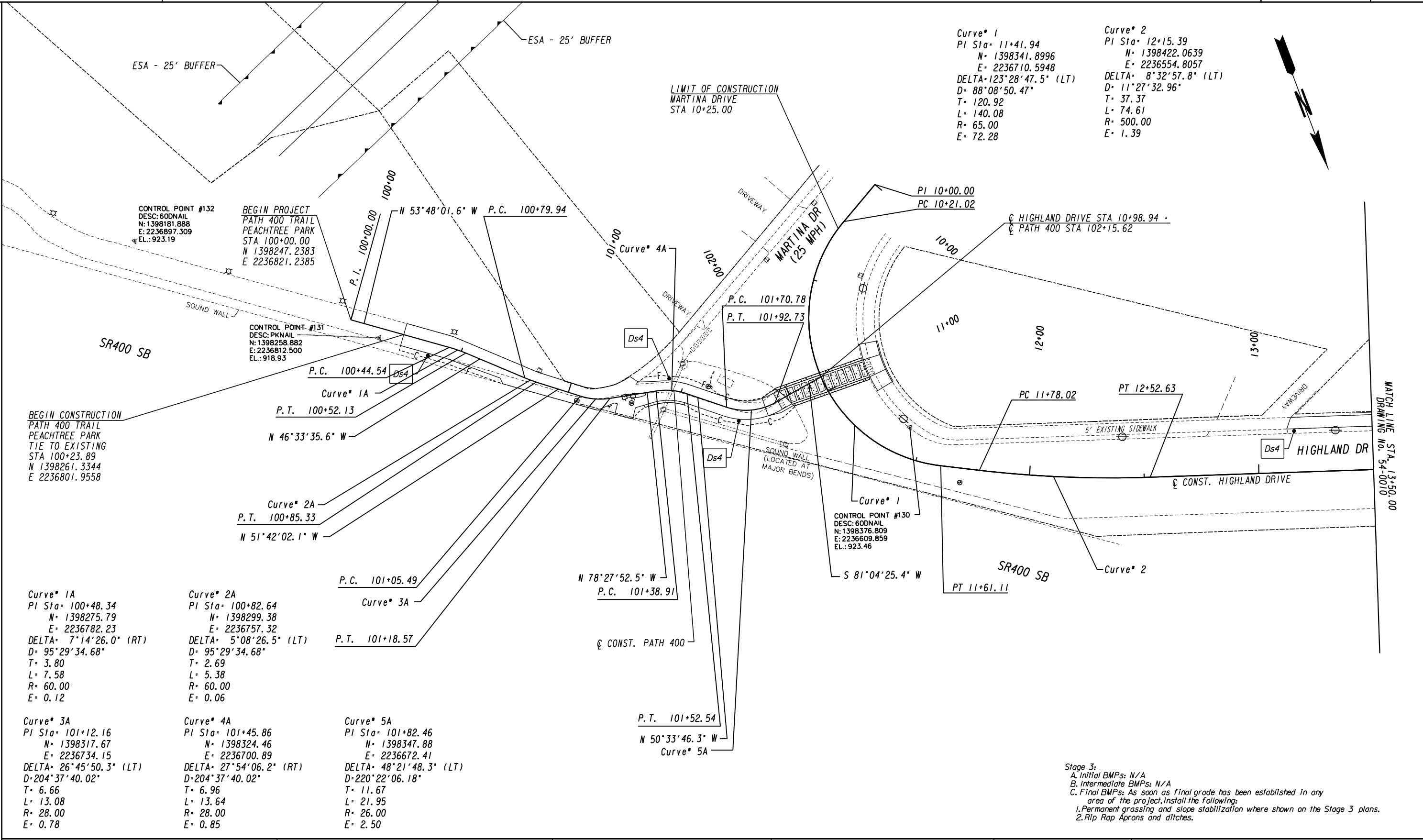
H&L Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668



REVISION DATES

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
BMP LOCATION DETAILS - INTERMEDIATE PHASE
PATH 400
PEACHTREE PARK

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	54-0008
CORRECTED:	DATE:	
VERIFIED:	DATE:	



Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap Aprons and ditches.

7/31/2015
GPLN

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----

---C---F---

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

H

L

Heath & Lineback Engineers
INCORPORATED
2390 CANTON ROAD, BUILDING 200
MARIETTA, GEORGIA 30066-5393
(770)424-1668

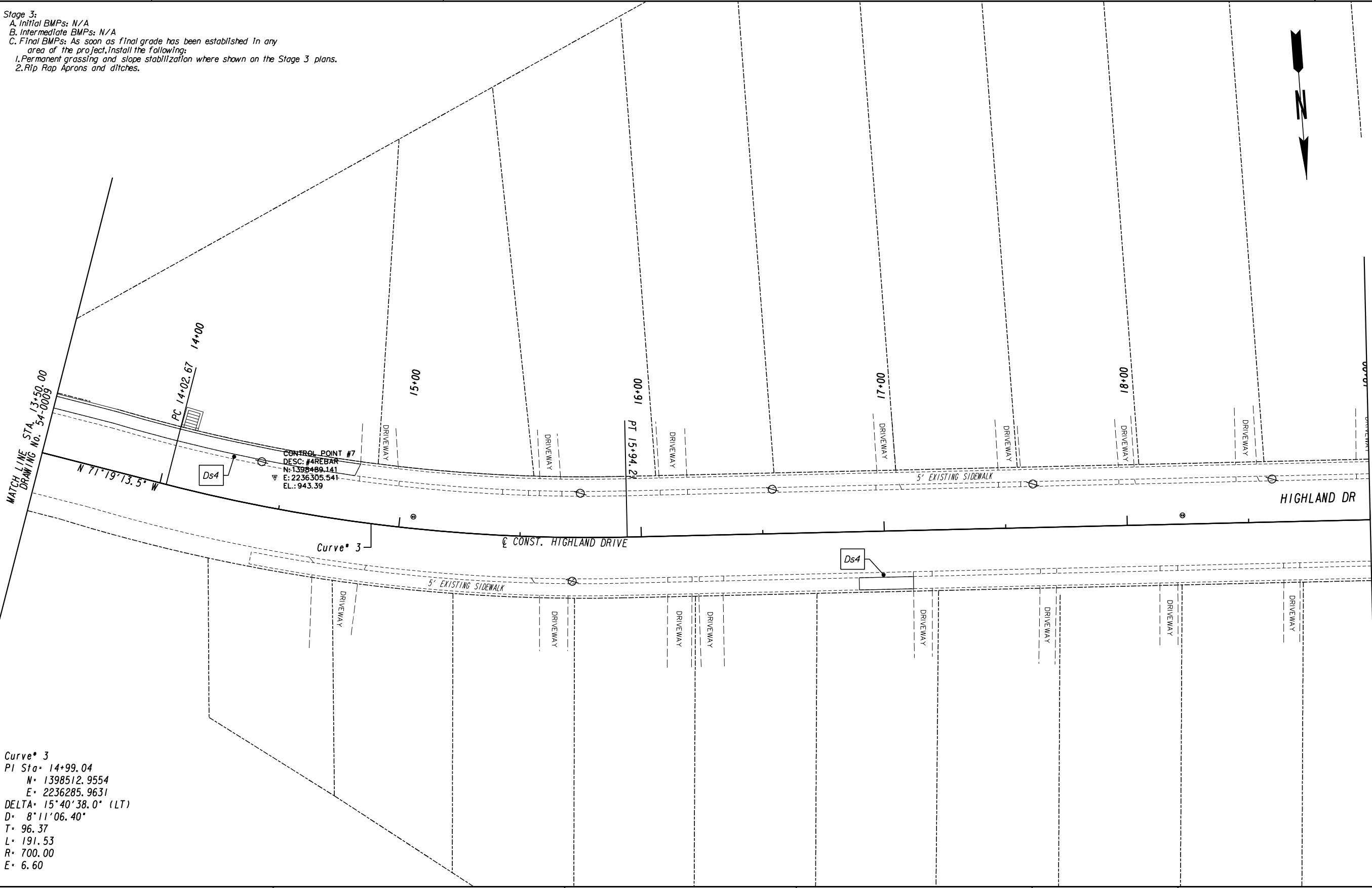
SCALE IN FEET
0 20 40 80

REVISION DATES	

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA BMP LOCATION DETAILS - FINAL PHASE PATH 400 PEACHTREE PARK			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
54-0009

Stage 3:
A. Initial BMPs: N/A
B. Intermediate BMPs: N/A
C. Final BMPs: As soon as final grade has been established in any area of the project, install the following:
1. Permanent grassing and slope stabilization where shown on the Stage 3 plans.
2. Rip Rap Aprons and ditches.



Curve* 3
PI Sta* 14+99.04
N* 1398512.9554
E* 2236285.9631
DELTA* 15°40'38.0" (LT)
D* 8'11'06.40"
T* 96.37
L* 191.53
R* 700.00
E* 6.60

PROPERTY AND EXISTING R/W LINE
REQUIRED R/W LINE
CONSTRUCTION LIMITS
EASEMENT FOR CONSTR
& MAINTENANCE OF SLOPES
EASEMENT FOR CONSTR OF SLOPES
EASEMENT FOR CONSTR OF DRIVES

-----E-----

---C---F---

BEGIN LIMIT OF ACCESS.....BLA
END LIMIT OF ACCESS.....ELA
LIMIT OF ACCESS
REQ'D R/W & LIMIT OF ACCESS
ORANGE BARRIER FENCE
ESA - ENV. SENSITIVE AREA
(SEE ERIT TABLE)

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SCALE IN FEET

REVISION DATES

LIVABLE BUCKHEAD INC. & CITY OF ATLANTA
BMP LOCATION DETAILS - FINAL PHASE
PATH 400
PEACHTREE PARK

CHECKED:	DATE:	DRAWING No. 54-0010
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	