

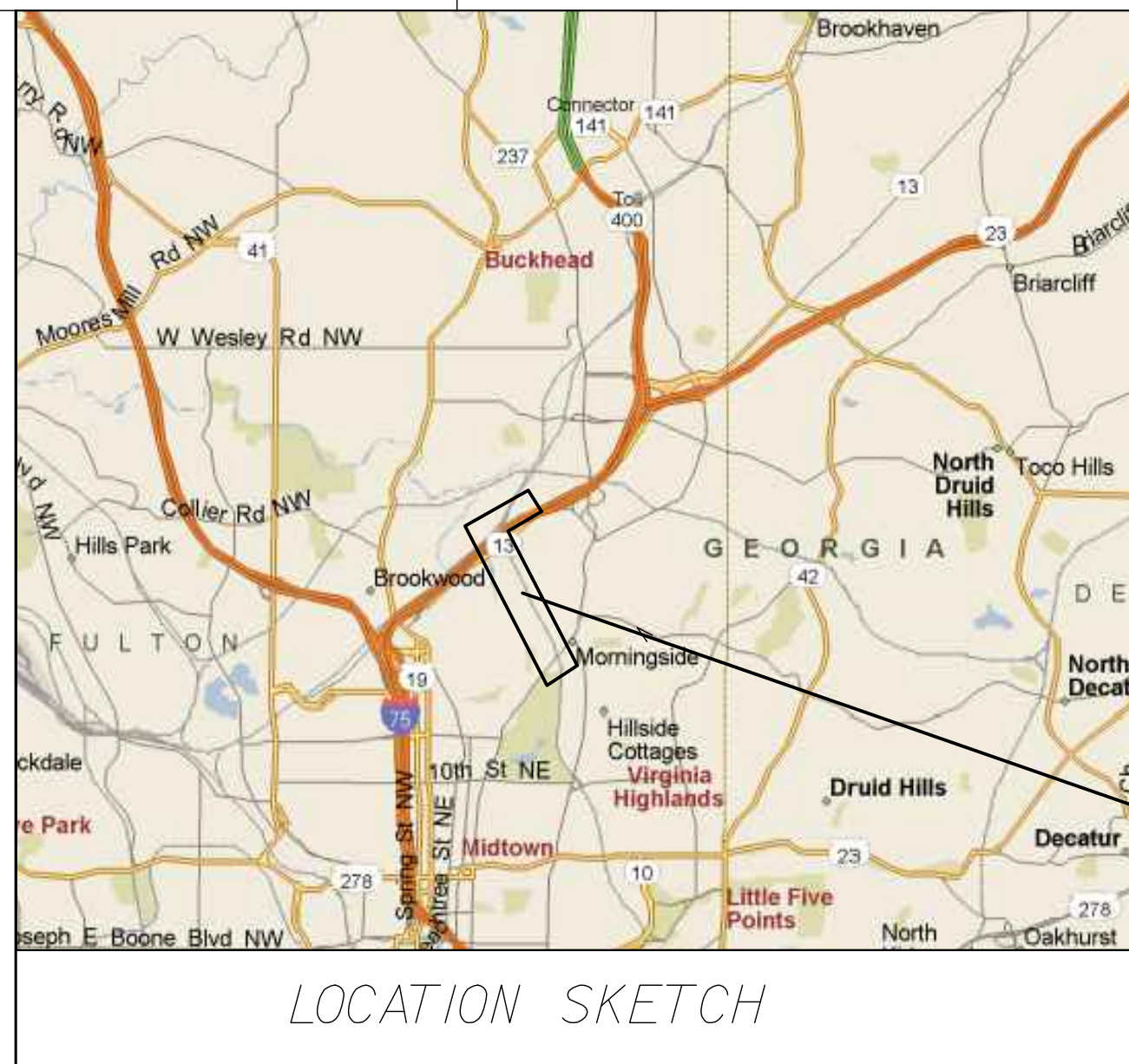
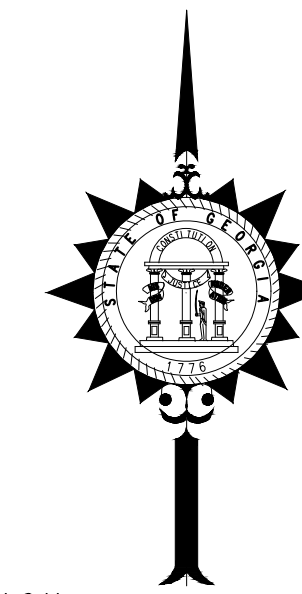
ATLANTA BELTLINE

NORTHEAST TRAIL FULTON COUNTY

FINAL PLANS

10/19/2021

FEDERAL ROUTE # N/A
STATE ROUTE # 13, 403
P.I.NO. N/A



LOCATION SKETCH

DESIGN DATA:
 TRAFFIC A.D.T.: N/A
 TRAFFIC A.D.T.: N/A
 TRAFFIC D.H.V.: N/A
 DIRECTIONAL DIST: N/A
 % TRUCKS: N/A
 24 HR.TRUCKS %: N/A
 SPEED DESIGN: 20 MPH (MAINLINE TRAIL)
 SPEED DESIGN: 12 MPH (SIDE TRAIL CONNECTIONS)

LOCATION & DESIGN APPROVAL DATE:
 THIS PROJECT IS 100% IN FULTON COUNTY AND IS 100% IN CONG. DIST. NO. 5.

PROJECT DESIGNATION: EXEMPT
 DESIGNED IN ENGLISH UNITS.

THIS PROJECT TO BE CONSTRUCTED AS PER GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 2021 EDITION, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION AND AS MODIFIED BY CONTRACT DOCUMENTS.

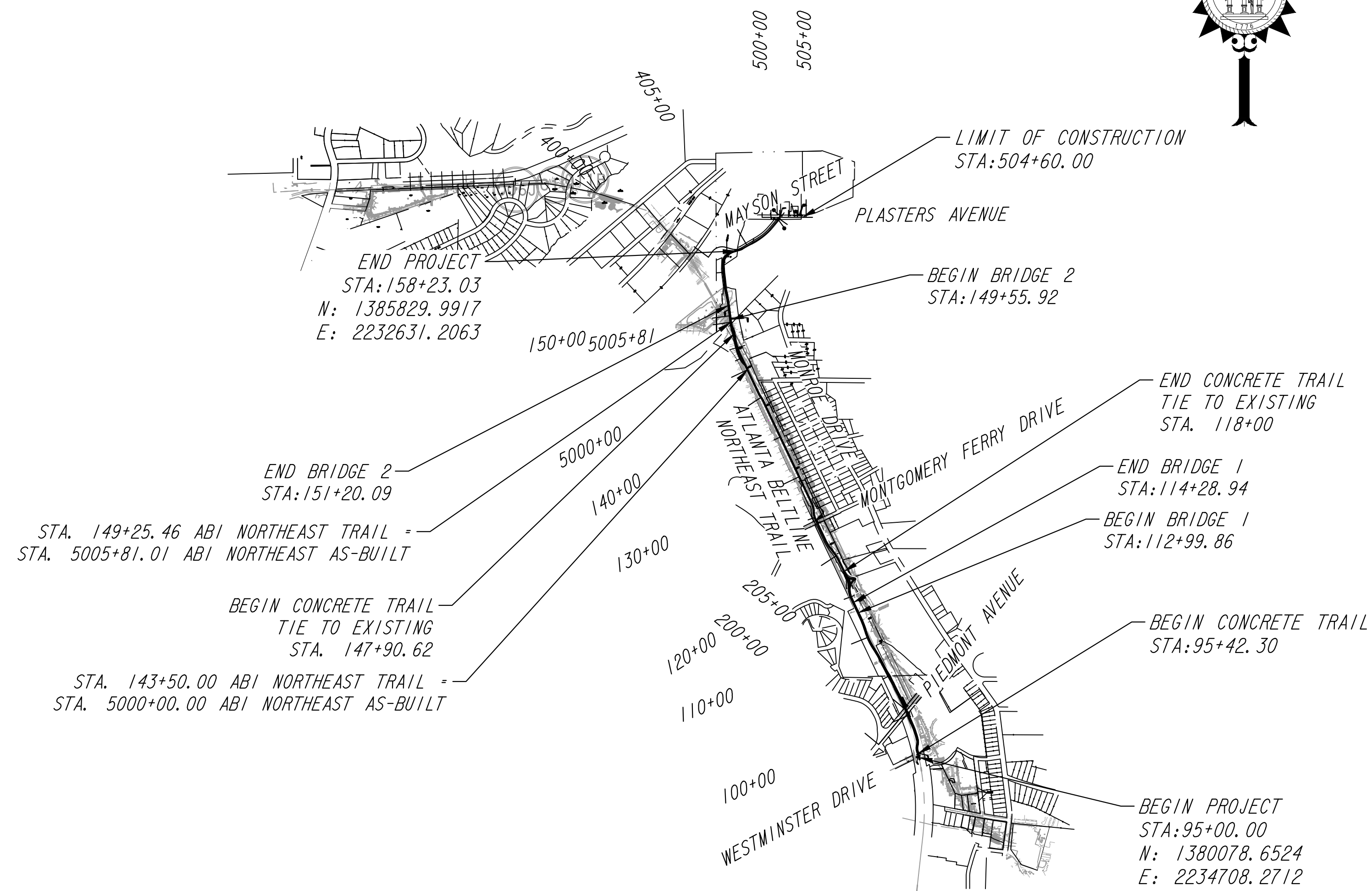
THIS PROJECT HAS BEEN PREPARED USING THE HORIZONTAL GEORGIA COORDINATE SYSTEM OF 1984 (NAD 1983/94 WEST ZONE, AND THE NORTH AMERICAN VERTICAL DATUM (NAVD) OF 1988.

THIS PROJECT HAS BEEN DESIGNED TO COMPLY WITH TITLE II PROVISIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

A NOTICE OF INTENT IS REQUIRED FOR THIS PROJECT; THE DISTURBED AREA IS 131 ACRES. THE PROJECT INVOLVES INSTALLATION OF PAVEMENT, DRAINAGE STRUCTURES, SIDEWALKS, CURB RAMPS AND STRIPING CROSSWALKS.

THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY 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 CITY OF ATLANTA IN ANY WAY. THE ATTENTION OF BIDDER IS SPECIFICALLY DIRECTED TO SUBSECTIONS 102.04, 102.05, AND 104.03 OF THE SPECIFICATIONS.

PROJECT LOCATION



Kimley»Horn

Engineering, Planning, and Environmental Consultants
 817 W. Peachtree Street, NW
 Atlanta, Georgia 30308

PREPARED BY: KIMLEY-HORN AND ASSOCIATES, INC.

LENGTH OF PROJECT	FULTON CO COUNTY No. 121
	MILES
NET LENGTH OF TRAIL	1.142
NET LENGTH OF BRIDGES	0.056
NET LENGTH OF PROJECT	1.198
NET LENGTH OF EXCEPTIONS	0.000
GROSS LENGTH OF PROJECT	1.198



PLANS COMPLETED :	10/19/2021
REVISIONS :	12/17/2021
	01/03/2022
	01/19/2022

DWG NO.	DESCRIPTION
	INDEX
01-001	COVER
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03-001	REVISION SUMMARY SHEET
04-001	GENERAL NOTES
05-001 TO 05-004	TYPICAL SECTIONS
06-001 TO 06-005	SUMMARY OF QUANTITIES
07-001	QUANTITIES REQUIRED ON AMENDMENT
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15-001 TO 15-003	MAINLINE PROFILE
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24-000	UTILITY GENERAL NOTES AND LEGEND
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24-101	UTILITY DETAILS
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25-000	LIGHTING GENERAL NOTES AND LEGEND
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25-201 TO 25-202	LIGHTING AND PANELBOARD SCHEDULES
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29-000 TO 29-015	TREE PROTECTION SHEETS
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35-0001 TO 35-0009	BRIDGE LAYOUT AND DETAIL SHEETS - BRIDGE No. 1 - CLEAR CREEK
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38-000 TO 38-007	SPECIAL CONSTRUCTION DETAILS - HARDSCAPE DETAILS
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50-001	EROSION CONTROL COVER SHEET
51-001 TO 51-006	ESPCP GENERAL NOTES
52-001 TO 52-007	EROSION CONTROL LEGEND
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54-011 TO 54-015	BMP LOCATION DETAILS - STAGE 2
54-016 TO 54-020	BMP LOCATION DETAILS - STAGE 2
54-026 TO 54-030	BMP LOCATION DETAILS - STAGE 2
56-001 TO 56-003	ESPCP DETAILS

DWG NO.	DESCRIPTION
	CONSTRUCTION DETAILS
	CONSTR. DETAIL (A-3)-CONCRETE SIDEWALK DETAILS CURB CUT (WHEELCHAIR) RAMPS (09/2016)
	CONSTR. DETAIL (A-4)-DETECTABLE WARNING SURFACE TRUNCATED DOME SIZE, SPACING AND ALIGNMENT REQUIREMENTS (06/2009)
	CONSTR. DETAIL (D-18)-REINFORCED CONCRETE SADDLE FOR PIPE CULVERTS (06/1976)
	CONSTR. DETAIL (D-24A)-TEMPORARY SILT FENCE (SHEET 1 OF 4) (01/2011)
	CONSTR. DETAIL (D-24C)-TEMPORARY SILT FENCE J-HOOKS, INLET SEDIMENT TRAPS (SHEET 3 OF 4) (01/2011)
	CONSTR. DETAIL (D-34)-PIPE/BOX CULVERT COLLAR CONNECTION DETAIL (03/1988)
	CONSTR. DETAIL (D-35)-PERMANENT SOIL REINFORCING MAT (TURF REINFORCING MAT) INSTALLATION ON DITCHES (01/2011)
	CONSTR. DETAIL (D-41)-CONSTRUCTION EXIT (08/2020)
	CONSTR. DETAIL (D-42)-INLET SEDIMENT TRAP (05/2008)
	CONSTR. DETAIL (D-44)-RETROFITTING STRUCTURE FOR TEMPORARY SEDIMENT FILTER-PERFORATED HALF ROUND PIPE WITH STONE FILTER (07/2018)
	CONSTR. DETAIL (D-45)-RETROFITTING STRUCTURE FOR TEMPORARY SEDIMENT FILTER-SLOTTED BOARD DAM WITH STONE FILTER (07/2018)
	CONSTR. DETAIL (D-46)-STONE FILTER RING (07/2018)
	CONSTR. DETAIL (D-49)-DITCH BACK OF RETAINING WALL SWALE DITCHES;RIP RAP DITCH (02/2011)
	CONSTR. DETAIL (D-53)-ROCK OUTLET TEMPORARY SEDIMENT TRAP (04/2016)
	CONSTR. DETAIL (D-55A)-RIPRAP OUTLET PROTECTION (SHEET 1 OF 2) (04/2016)
	CONSTR. DETAIL (D-55B)-RIPRAP OUTLET PROTECTION (SHEET 2 OF 2) (04/2016)
	CONSTR. DETAIL (D-56)-STONE RIP RAP AND SAND BAG TEMPORARY CHECK DAMS (11/2018)
	CONSTR. DETAIL (T-1)-SIGN PLATES (01/2000)
	CONSTR. DETAIL (T-2)-DETAILS FOR TYPICAL FRAMING (03/2000)
	CONSTR. DETAIL (T-3A)-TYPE 7,8 AND 9 SQUARE TUBE POST INSTALLATION DETAIL (07/2002)
	CONSTR. DETAIL (T-3B)-DETAILS OF SQUARE TUBE POST (BREAKAWAY SUPPORT) (01/2000)
	CONSTR. DETAIL (T-11A)-DETAILS OF PAVEMENT MARKING PLACEMENT ON NON-LIMITED ACCESS ROADWAY (09/2016)
	CONSTR. DETAIL (T-21)-TRAFFIC CONTROL PEDESTRIAN ACCESSIBILITY AROUND WORKZONE - SIDEWALK DETOUR (10/2008)
	GEORGIA STANDARDS
	GA. STD. 1001B-PIPE CULVERT CONCRETE HEADWALL (08/1999)
	GA. STD. 1004A RUBBLE MASONRY HEADWALLS FOR PIPE CULVERTS (08/1999)
	GA. STD. 1011AP-PRECAST REINFORCED CONCRETE MANHOLE (06/1975)
	GA. STD. 1019AP-PRECAST DROP INLETS (08/1999)
	GA. STD. 1120-FLARED END SECTIONS FOR PIPES (06/2006)
	GA. STD. 3901-BAR BENDING DETAILS (08/1969)
	GA. STD. 9031L-GRAVITY WALL TYPICAL SECTIONS, RAISING HEADWALL, AND TYPICAL PIPE PLUG (09/2016)
	GA. STD. 9031L2-DETAILS OF: CATCH BASINS MODIFIED FOR DOUBLE GRATES - DROP INLET MODIFIED FOR DOUBLE GRATE, CONCRETE SPRING BOX, CONCRETE STEPS, CATCH BASIN OR DROP INLET CONNECTION TO CONCRETE BOX CULVERT CAPPING EXISTING DROP INLET (06/1998)
	GA. STD. 9031R-PLACING ROOF DRAIN PIPE UNDER SIDEWALK - RAMP TYPE BARRICADE PIPE HANDRAIL FOR RETAINING WALL PIPE HANDRAIL FOR CONCRETE STEPS (10/1988)
	GA. STD. 9031S-MEDIAN DROP INLET (PRECAST OR BUILT-IN-PLACE) AND CONCRETE APRON (04/1996)
	GA. STD. 9032B-CONCRETE CURB AND GUTTER, CONCRETE CURBS, CONCRETE MEDIANS (02/2020)
	GA. STD. 9037-TYPICAL FILL DETAIL AT END OF BRIDGE (09/1999)
	GA. STD. 9100-TRAFFIC CONTROL GENERAL NOTES, STANDARD LEGEND, AND MISCELLANEOUS DETAILS (03/2006)
	GA. STD. 9102-TRAFFIC CONTROL DETAIL FOR LANE CLOSURE ON TWO LANE HIGHWAY (03/2006)
	GA. STD. 9107-TRAFFIC CONTROL DETAIL FOR LANE CLOSURE ON MULTI-LANE UNDIVIDED HIGHWAY (03/2006)
	GEORGIA STANDARDS AND CONSTRUCTION DETAILS REQUIRED FOR THIS PROJECT ARE LISTED IN THE INDEX WITH THE LATEST REVISION DATES BUT ARE NOT INCLUDED AS PART OF THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE STANDARDS AND CONSTRUCTION DETAILS SHOWN IN THE INDEX AND MAINTAINING ON THE PROJECT SITE. FULL SIZE PRINTS MAY BE PURCHASED BY THE CONTRACTOR FROM THE GEORGIA DEPARTMENT OF TRANSPORTATION.

REVISION

REVISION



NOT TO SCALE

REVISION DATES	
01/03/22	
01/19/22	

INDEX			
ATLANTA BELTLINE NORTHEAST TRAIL			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
			DRAWING No.
			02-001

PROJECT NOTES

1. A NOTICE OF INTENT IS REQUIRED FOR THIS PROJECT. THE DISTURBED AREA IS 13.1 ACRES. THE PROJECT INVOLVES INSTALLATION OF TRAIL AND CURB RAMPS, AND STRIPING CROSSWALKS. THEREFORE, NET GAIN IN IMPERVIOUS IS 1.50 ACRES.
2. THE CONTRACTOR SHALL CONTACT THE PROPER LOCAL AUTHORITIES OR RESPECTIVE UTILITY COMPANY TO CONFIRM THE LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. ANY DAMAGE DUE TO FAILURE OF THE CONTRACTOR TO CONTACT THE PROPER AUTHORITIES SHALL BE BORNE BY THE CONTRACTOR.
3. THERE IS NO SUITABLE PLACE TO BURY EXISTING CONSTRUCTION DEBRIS AND DISPOSE OF EXISTING BRIDGE AND CONSTRUCTION DEBRIS WITHIN THE PROJECT'S LIMITS. THE CONTRACTOR SHALL PROVIDE AN ENVIRONMENTALLY APPROVED SITE TO DISPOSE OF EXISTING CONSTRUCTION DEBRIS AT NO ADDITIONAL COST TO ATLANTA BELTLINE, INC., THE DEPARTMENT OR CITY OF ATLANTA.
4. ALL BORROW AND WASTE SITES FOR THIS PROJECT SHALL BE ENVIRONMENTALLY APPROVED PRIOR TO CONSTRUCTION ACTIVITIES OCCURRING IN THEM. ALL COMMON FILL OR EXCESS MATERIAL DISPOSED OUTSIDE THE PROJECT RIGHT OF WAY SHALL BE PLACED IN EITHER A PERMITTED SOLID WASTE FACILITY, A PERMITTED INERT WASTE LANDFILL OR IN AN ENGINEERED FILL. SEE SECTION 201 OF THE STANDARD SPECIFICATION AND SUPPLEMENTS THERETO FOR ADDITIONAL INFORMATION. ANY CONTAMINATED SOIL EXCAVATED DURING CONSTRUCTION ACTIVITIES ALONG THE PROJECT MUST BE DISPOSED OF AT A PERMITTED LINED MUNICIPAL SOLID WASTE LANDFILL.
5. AT ALL LOCATIONS WHERE EXISTING CURB, SIDEWALK OR PAVEMENT ABUT NEW CONSTRUCTION, THE EDGE OF THE EXISTING CURB OR PAVEMENT SHALL BE SAWCUT TO A CLEAN, SMOOTH EDGE, TO BE PAID FOR BY GRADING COMPLETE.
6. THE COST OF SAW CUTTING ASPHALTIC CONCRETE AND/OR CONCRETE SHALL BE INCLUDED IN THE OVERALL BID PRICE FOR GRADING COMPLETE.
7. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE FIELD AND REPORT ANY DISCREPANCIES BETWEEN PLANS AND ACTUAL CONDITIONS TO THE ENGINEER PRIOR TO STARTING WORK.
8. ALL ADA RAMPS AND SIDEWALK WITHIN THE INTERSECTION RADIUS ARE TO BE 8 INCH CONCRETE. THE COST FOR ADA RAMPS INCLUDING DETECTABLE WARNING STRIPS SHALL BE INCLUDED IN THE PRICE BID FOR 8 INCH CONCRETE SIDEWALK.
9. ALL SIGNS WITHIN PROJECT LIMITS WILL BE REPLACED AS SHOWN ON THE SIGNING AND MARKING PLANS.
10. FINISH GRADES: THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL NEW SIDEWALK AND TRAIL AREAS ARE GRADED TO DRAIN, EITHER TO EXISTING OR NEW STRUCTURES. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL ACCESSIBILITY CODES.
11. NO BURNING OF MATERIALS WILL BE ALLOWED ON SITE.
12. ALL MINOR UTILITY STRUCTURES, SUCH AS VALVES, METERS, FIRE HYDRANTS AND MANHOLES, WILL BE ADJUSTED TO FINAL GRADE AND WILL BE PAID FOR UNDER GRADING COMPLETE.
13. ALL EXISTING DRAINAGE STRUCTURES ARE TO BE RETAINED UNLESS MARKED OTHERWISE ON THE PLANS.
14. ALL EXISTING DRAINAGE STRUCTURES ARE TO BE CLEANED OUT PRIOR TO CONSTRUCTION AND KEPT FREE OF DEBRIS.
15. ALL PROPOSED STORM DRAINAGE PIPES FOR CONVEYANCE SHALL BE REINFORCED CONCRETE. UNDERGROUND STORAGE AND INFILTRATION STORM DRAINAGE PIPES ARE TO BE CONTRACTOR-DESIGNED.
16. CONTRACTOR SHALL SURVEY AND STAKE EXISTING PROPERTY LINES IN THE FIELD PRIOR TO BEGINNING CONSTRUCTION.
17. CONTRACTOR SHALL USE PHOTOGRAPHS OR VIDEO RECORDINGS TO DOCUMENT EXISTING CONDITIONS OF ADJACENT PROPERTY PRIOR TO CONSTRUCTION. FEATURES TO BE DOCUMENTED INCLUDE BUILDING STRUCTURES, WALLS, FENCES, SIGNIFICANT LANDSCAPING FEATURES. ACCESS TO PRIVATE PROPERTY SHALL BE COORDINATED WITH ATLANTA BELTLINE, INC..
18. POST INSTALLATION INSPECTION WILL BE PERFORMED ON ALL STORM DRAIN PIPE AND A MINIMUM OF 10% OF SIDE DRAIN PIPE, PER GDOT STANDARD SPECIFICATIONS SECTION 550. VIDEO AND LASER PROFILING AND MEASUREMENT TECHNOLOGY MUST BE CERTIFIED BY THE COMPANY PERFORMING THE WORK TO MEET THE REQUIREMENTS OF GDOT 136.
19. NO SEPARATE PAYMENT WILL BE MADE FOR TEMPORARY DRAINAGE ITEMS. COST WILL BE INCLUDED IN OVERALL BID SUBMITTED.

20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE FOLLOWING SOIL PREPARATION: "LOOSEN SUBGRADE OF PLANTING AREAS TO A MINIMUM DEPTH OF 12 INCHES. CLEAN SOIL OF ROOTS, PLANTS, SOD, STONES >1" DIAMETER, CLODS, CLAY LUMPS, POCKETS OF COARSE SAND, CONCRETE SLURRY, CONCRETE LAYERS OR CHUNKS, STONE BALLAST AND ALL RAILROAD BASE COURSES TO FULL DEPTH, CEMENT, PLASTER, BUILDING DEBRIS, AND OTHER EXTRANEIOUS MATERIALS HARMFUL TO PLANT GROWTH. THE CONTRACTOR SHALL CONSULT WITH THE PLANTING CONTRACTOR AND ENGINEER BEFORE LOOSENING THE SUBGRADE AS OUTLINED IN THIS SPECIFICATION."
22. THE CONTRACTOR WILL COORDINATE WITH MARTA REGARDING TEMPORARY IMPACTS TO BUS STOP LOCATIONS.
23. THIS PROJECT CONTAINS POST CONSTRUCTION BMP'S.
24. IF POST CONSTRUCTION STORMWATER BMP CANNOT BE BUILT WITHIN THE TOLERANCES ALLOWED, THE CONSTRUCTION PROJECT MANAGER SHALL NOTIFY THE DESIGN ENGINEER. MODIFICATION MUST BE APPROVED BY THE CITY OF ATLANTA PRIOR TO INSTALLATION.
25. INSTALLATION OF PLANT TOPSOIL AND PERMANENT LANDSCAPING MAY NOT PROCEED UNTIL CONFIRMATION SAMPLING FOR CONTAMINATED SOILS IS COMPLETE.
26. DRIVEWAYS, WHERE ACCESS IS ALLOWED, SHALL BE PLACED AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH RULES AND REGULATIONS FOR CONTROL AND PROTECTION OF CITY RIGHTS-OF-WAY. ALL DRIVEWAYS THAT ARE TO BE RECONSTRUCTED SHALL BE REPLACED, IN KIND, I.E., ASPHALT FOR ASPHALT, CONCRETE FOR CONCRETE, AND ASPHALT SURFACE COURSE FOR EARTH. THE DRIVEWAY LOCATIONS INDICATED ON THE PLANS ARE FROM THE BEST AVAILABLE. THE CONTRACTOR SHALL CONSTRUCT NEW DRIVEWAYS TO MATCH THE ACTUAL FIELD LOCATION OF EXISTING DRIVEWAYS WHERE THEY ARE NOT IN CONFLICT WITH THE RULES AND REGULATIONS. THE CONTRACTOR SHALL OBTAIN APPROVAL OF THE ENGINEER PRIOR TO MAKING ANY REVISIONS SUCH AS TO LOCATION, WIDTH AND/OR NUMBER OF DRIVES TO BE CONSTRUCTED.

WHERE REQUIRED THE DRIVES SHALL BE PAVED AS FOLLOWS:

ASPHALTIC DRIVES:

RESIDENTIAL:

- RECYCLED ASPH. CONC. 12.5 mm SUPERPAVE GP 2 ONLY (INCL BITUM MATL AND H LIME) (165 LB/SY)
- 6" GRADED AGGREGATE BASE

COMMERCIAL:

- RECYCLED ASPH. CONC. 12.5 mm POLYMER-MODIFIED SUPERPAVE GP 2 ONLY (INCL BITUM MATL AND H LIME) (165 LB/SY)
- RECYCLED ASPH. CONC. 19 mm SUPERPAVE (220 LB/SY)
- 8" GRADED AGGREGATE BASE

CONCRETE DRIVES:

RESIDENTIAL:

- 6" CONCRETE VALLEY GUTTER
- 6" CONCRETE DRIVEWAY

COMMERCIAL:

- 8" CONCRETE VALLEY GUTTER
- 8" CONCRETE DRIVEWAY

SIGNING AND MARKING NOTES

1. ALL STANDARD 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 STANDARD 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 SIGNS ON PUBLIC STREETS SHALL BE ERECTED AT A HEIGHT OF 7 FEET ABOVE THE NORMAL EDGE OF PAVEMENT TO THE BOTTOM OF THE SIGN OR ASSEMBLY.
4. HORIZONTAL CLEARANCE FOR TRAIL SIGNS SHALL BE 3 FEET FROM THE EDGE OF THE TRAIL PAVING TO THE NEARER EDGE OF THE SIGN(S), UNLESS SPECIFIED OTHERWISE IN THE PLANS.
5. 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).
6. SIGN ASSEMBLIES ON PUBLIC STREETS SHALL BE MOUNTED ON ALUMINUM OR GALVANIZED STEEL STRAP FRAMES. FOR DETAILS AND STRAP SPECIFICATIONS REFER TO SIGN ASSEMBLY-TYPICAL FRAMING DETAILS.
7. TYPE 1X (VERY HIGH INTENSITY) REFLECTIVE SHEETING SHALL BE USED FOR ALL STANDARD SIGNS REQUIRING REFLECTORIZED BACKGROUNDS EXCEPT AS SPECIFIED BELOW OR SPECIFIED OTHERWISE IN THE PLANS. EITHER CLASS 1 OR CLASS 2 ADHESIVE BACKING IS PERMISSIBLE.
8. TYPE XI (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).
9. TYPE XI (VERY HIGH INTENSITY) FLUORESCENT YELLOW REFLECTIVE SHEETING SHALL BE USED FOR ALL WARNING SIGNS.
10. TYPE XI (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 1X (VERY HIGH INTENSITY) REFLECTIVE SHEETING.
11. A 1/2 INCH MINIMUM AIR SPACE SHALL BE REQUIRED BETWEEN ALL SIGN PLATES WITHIN AN ASSEMBLY.
12. 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.
13. INTERSTATE SHIELDS SHALL CONTAIN THE WORD GEORGIA. ALL INTERSTATE, U.S., AND GEORGIA SHIELD 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.
14. FOR DETAILS OF SPECIAL DESIGN HIGHWAY SIGNS, SEE DETAILS OR MISCELLANEOUS SIGNS.
15. 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.
16. 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.

CONSTRUCTION NOTES

1. THE CONTRACTOR SHALL ENSURE THAT NO CONSTRUCTION-RELATED ACTIVITIES OR ACCESS OCCUR BEYOND THE ORANGE BARRIER FENCING. THE ORANGE BARRIER FENCINGS SHALL BE PLACED AROUND CLEAR CREEK TO PROTECT IT DURING PROJECT IMPLEMENTATION. THE ORANGE BARRIER FENCING SHALL BE PLACED AROUND MATURE TREES IN THE CONSTRUCTION EASEMENTS TO PROTECT THEM DURING PROJECT IMPLEMENTATION.
2. THE CONTRACTOR SHALL ENSURE THAT NO CONSTRUCTION-RELATED ACTIVITIES (SUCH AS THE USE OF EASEMENT, STAGING, CONSTRUCTION, VEHICULAR USE, BORROW OR WASTE ACTIVITIES, SEDIMENT BASINS, AND TRAILER PLACEMENT), OTHER THAN THOSE SHOWN ON THE APPROVED PLANS, OCCUR WITHIN THE BOUNDARY OF CLEAR CREEK.
3. TREES 3" AND LARGER LOCATED WITHIN THE CORRIDOR RIGHT OF WAY SHALL BE REPLACED INCH PER INCH IN ACCORDANCE WITH THE CITY OF ATLANTA PARKS AND RECREATION TREE ORDINANCE.
4. DISTURBED GRASSED AREAS SHALL BE RE-GRASSED AFTER PROJECT IMPLEMENTATION.

UTILITY OWNERS

FACILITY	OWNER
	ATLANTA GAS LIGHT COMPANY
GAS	CHARTER
WATER	CITY OF ATLANTA
SEWER	CITY OF ATLANTA
ELECTRIC-OVHD	GEORGIA POWER - DISTRIBUTION
ELECTRIC-UG	GEORGIA POWER - DISTRIBUTION
ELECTRIC-OVHD	GEORGIA POWER - TRANSMISSION
ELECTRIC-UG	GEORGIA POWER - TRANSMISSION
FIBER/PHONE	UNKNOWN



Know what's below. Call before you dig.



ATLANTA BELTLINE, INC. 100 PEACHTREE STREET, NW SUITE 2300 ATLANTA, GA 30303 TEL: (404) 477-3003 FAX: (404) 477-3606

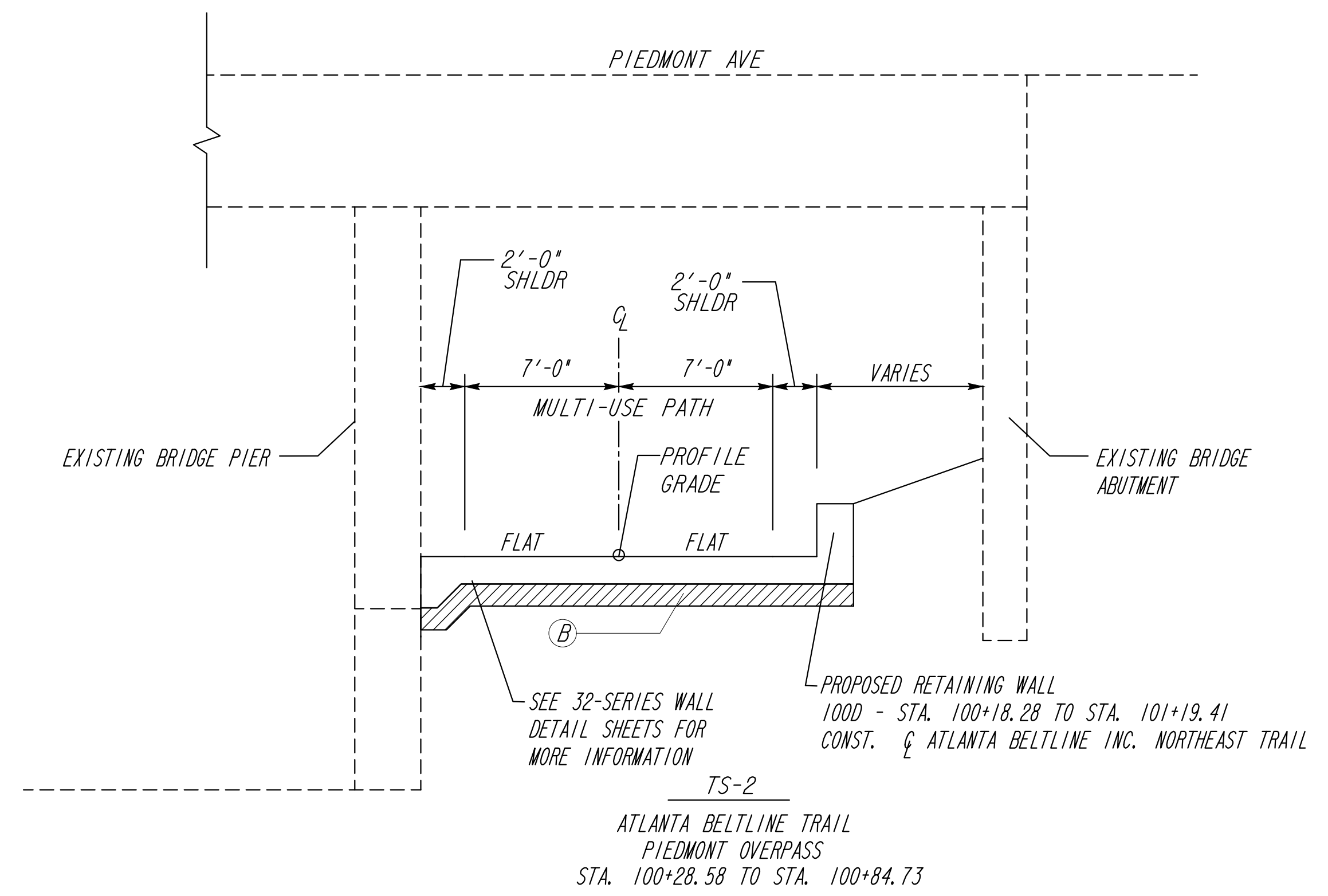
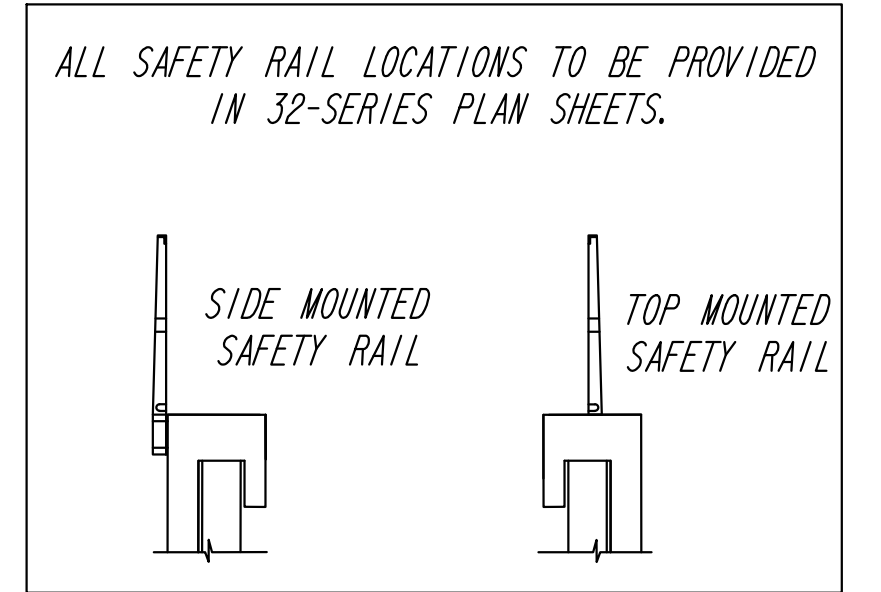
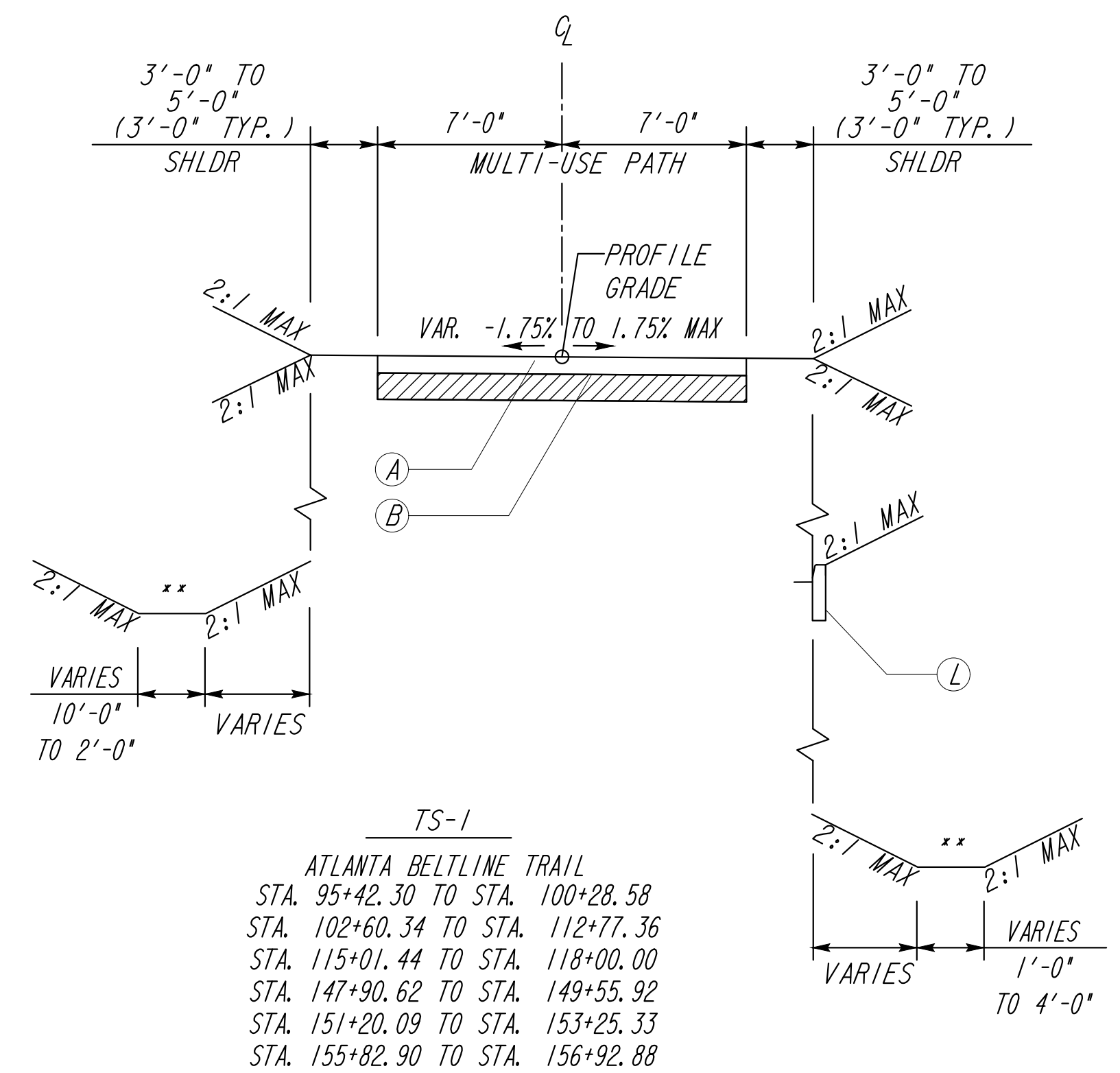


KIMLEY-HORN AND ASSOCIATES, INC. THE BILTMORE, SUITE 601 817 WEST PEACHTREE STREET, NW ATLANTA, GEORGIA 30308 TEL: (404) 419-8700

REVISION DATES

GENERAL NOTES ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	04-001
CORRECTED:	DATE:	
VERIFIED:	DATE:	



** SEE PLANS FOR DITCH/SWALE LOCATIONS

- REQUIRED PAVEMENT
- (A) 6" CLASS "AA" CONCRETE, SPECIAL FINISH (SEE 38-SERIES SHEETS)
 - (B) GR AGGR BASE CRS, 8 INCH, INCL MATL
 - (C) 6" CLASS "AA" CONCRETE
 - (D) 4" SIDEWALK (SEE 38-SERIES SHEETS)
 - (E) 1.5" RECYCLED ASPH CONC 12.5 MM SUPERPAVE GP 2 ONLY, INCL BITUM MATL & H LIME (165 LB/SY)
 - (F) MILL ASPH CONC 1.5 INCH DEPTH
 - (G) CONC CURB & GUTTER, 8 IN X 24 IN, TP 2
 - (H) EXISTING PAVEMENT TO REMAIN
 - (I) EXISTING CURB AND GUTTER TO REMAIN
 - (J) CONCRETE HEADER CURB, 8 IN X 6 IN, TP 2
 - (K) EXISTING CONCRETE TRAIL TO REMAIN
 - (L) GRANITE HEADER CURB, VARIABLE HEIGHT

Atlanta BeltLine

Kimley-Horn Associates, Inc.

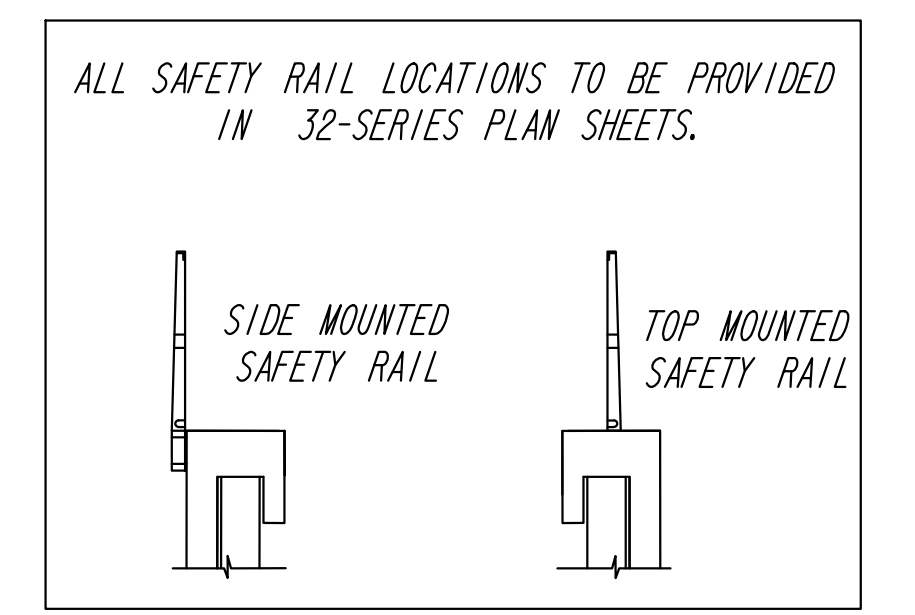
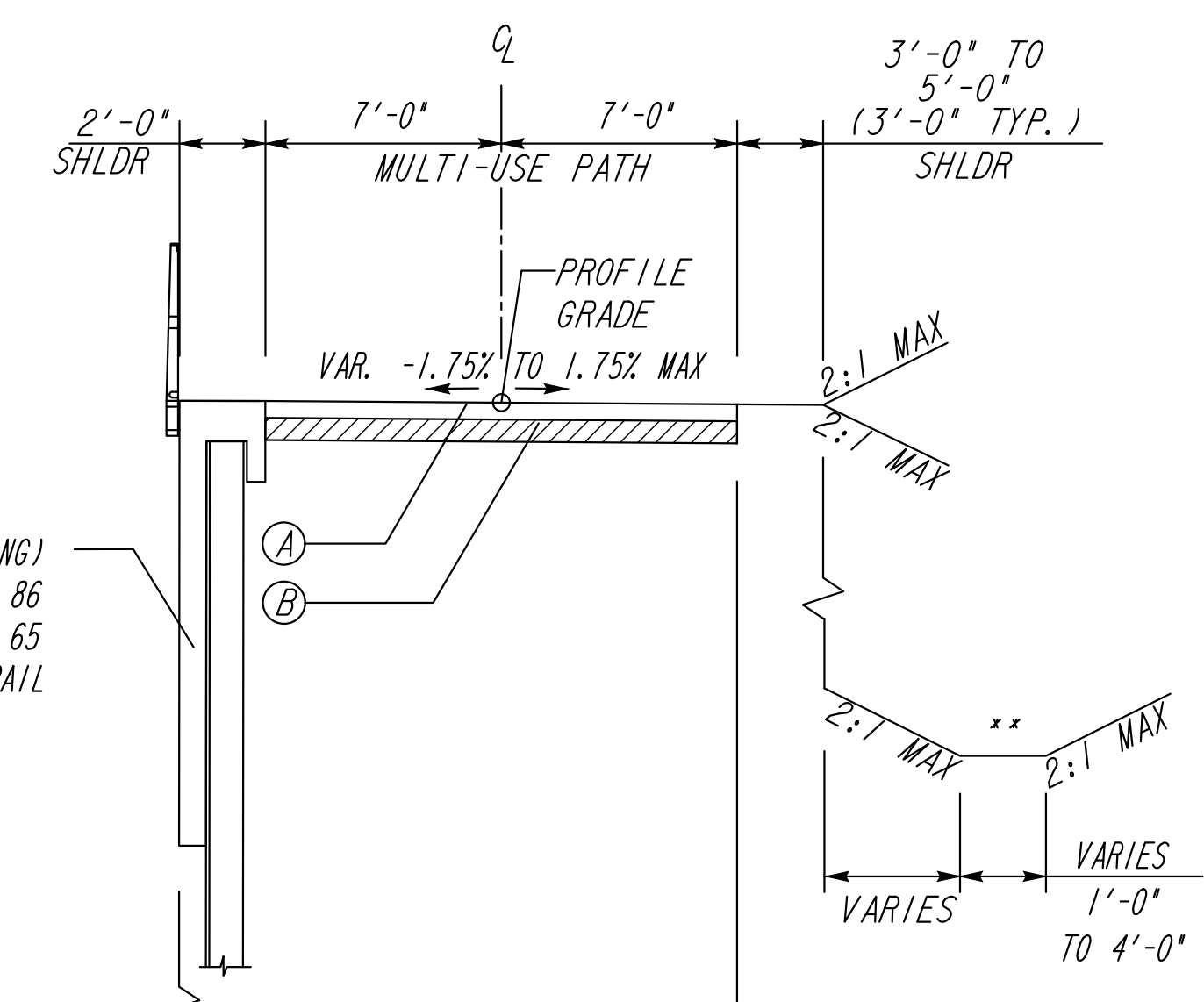
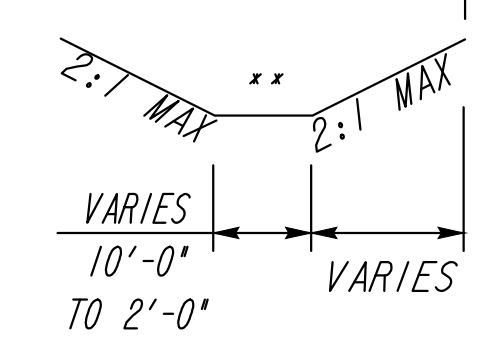
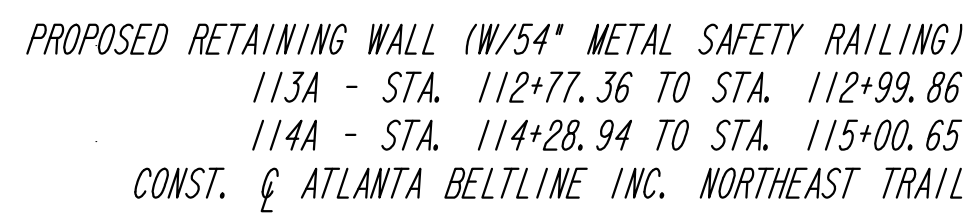
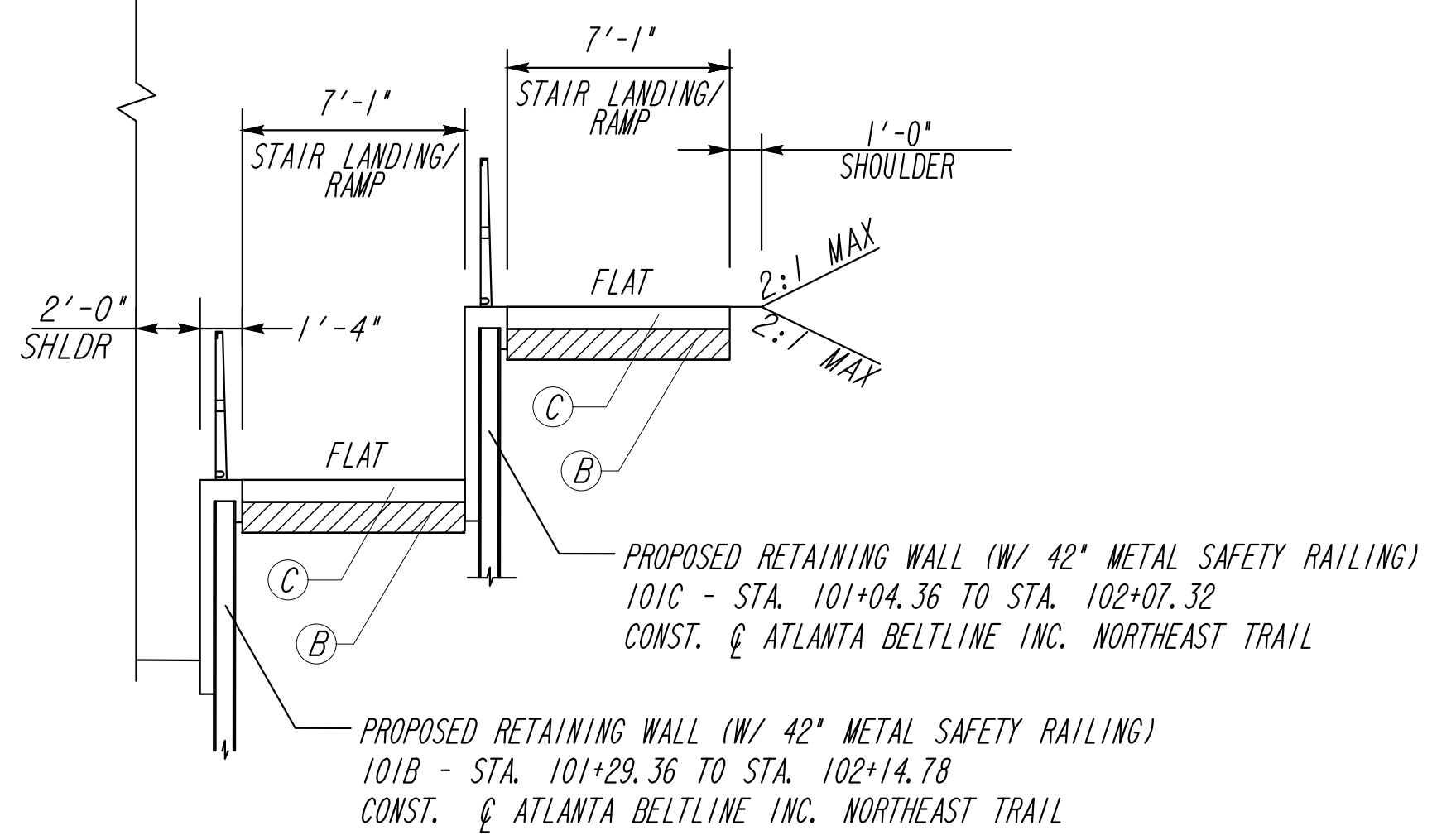
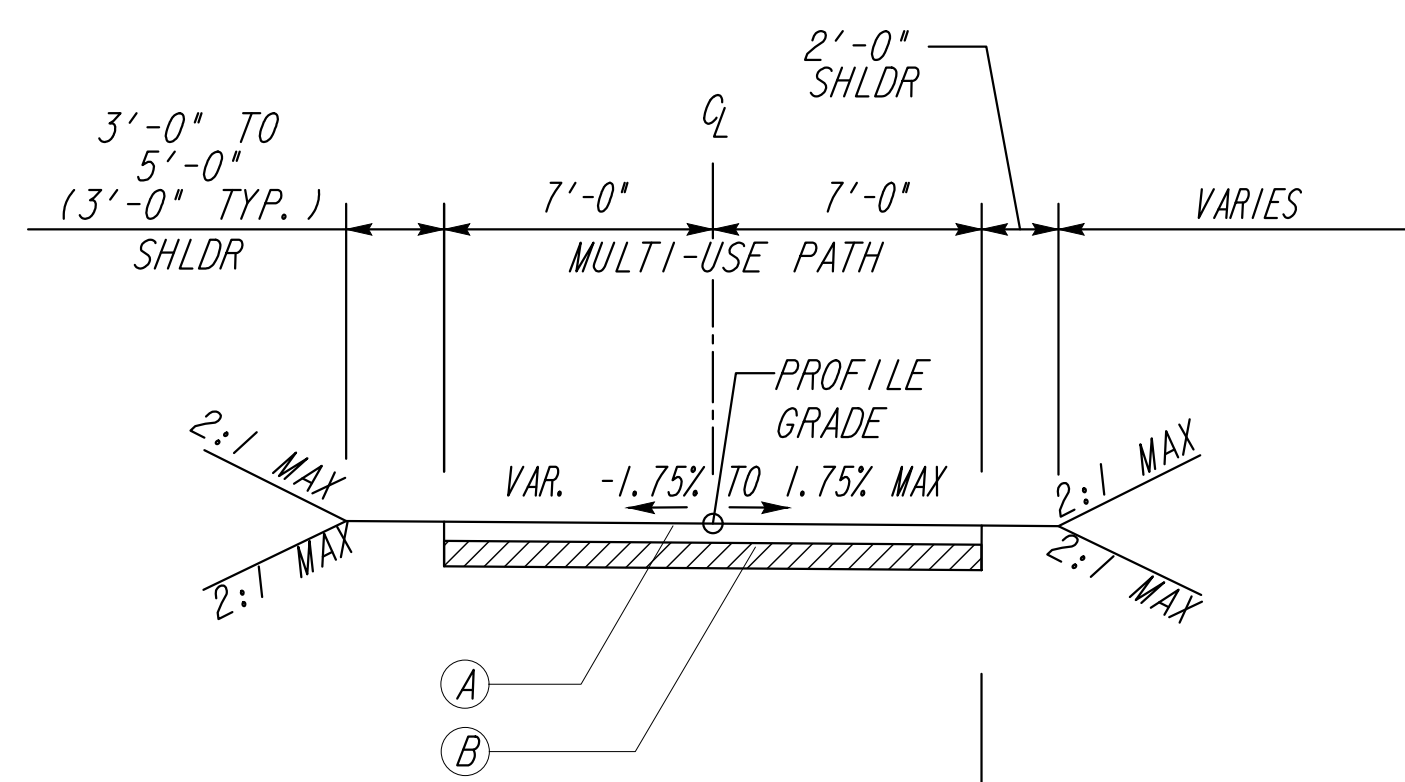
ATLANTA BELTLINE, INC.
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ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

NOT TO SCALE

REVISION DATES		TYPICAL SECTIONS	
NO.	DATE	ATLANTA BELTLINE NORTHEAST TRAIL	
		CHECKED:	DATE:
		BACKCHECKED:	DATE:
		CORRECTED:	DATE:
		VERIFIED:	DATE:

DRAWING No. 05-001



TS-3
ATLANTA BELTLINE TRAIL - PIEDMONT AVE.
VERTICAL CONNECTION
STA. 100+84.73 TO STA. 102+60.34

TS-4
ATLANTA BELTLINE TRAIL
STA. 112+77.36 TO STA. 112+99.86
STA. 114+28.94 TO STA. 115+01.44

PROPOSED RETAINING WALL (W/ 54" METAL SAFETY RAILING)
113B - STA. 112+77.36 TO STA. 112+99.86
114B - STA. 114+28.94 TO STA. 115+01.44
CONST. & ATLANTA BELTLINE INC. NORTHEAST TRAIL

** SEE PLANS FOR DITCH/SWALE LOCATIONS

REQUIRED PAVEMENT

- (A) 6" CLASS "AA" CONCRETE, SPECIAL FINISH (SEE 38-SERIES SHEETS)
- (B) GR AGGR BASE CRS, 8 INCH, INCL MATL
- (C) 6" CLASS "AA" CONCRETE
- (D) 4" SIDEWALK (SEE 38-SERIES SHEETS)
- (E) 1.5" RECYCLED ASPH CONC 12.5 MM SUPERPAVE GP 2 ONLY, INCL BITUM MATL & H LIME (165 LB/SY)
- (F) MILL ASPH CONC 1.5 INCH DEPTH
- (G) CONC CURB & GUTTER, 8 IN X 24 IN, TP 2
- (H) EXISTING PAVEMENT TO REMAIN
- (I) EXISTING CURB AND GUTTER TO REMAIN
- (J) CONCRETE HEADER CURB, 8 IN X 6 IN, TP 2
- (K) EXISTING CONCRETE TRAIL TO REMAIN
- (L) GRANITE HEADER CURB, VARIABLE HEIGHT

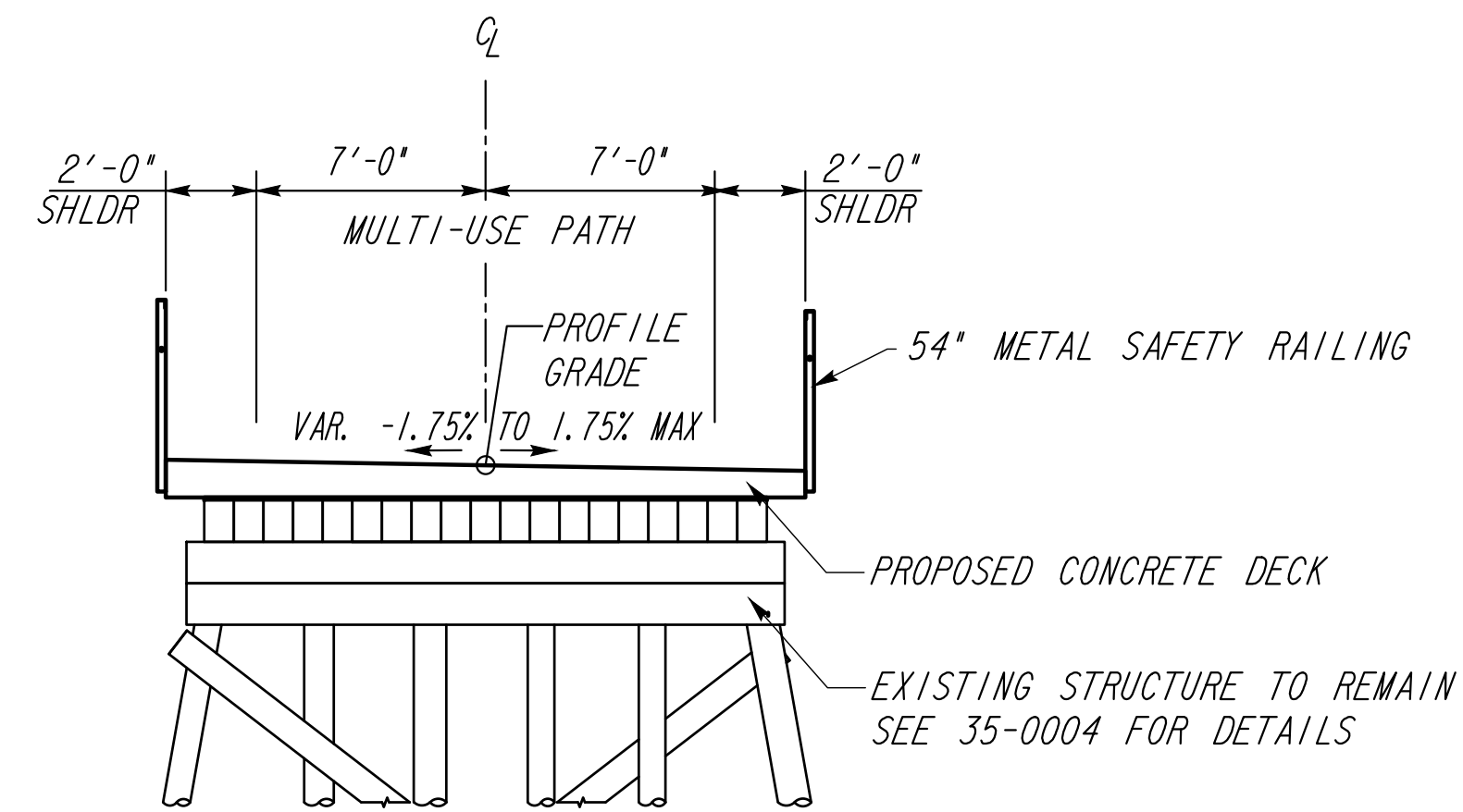


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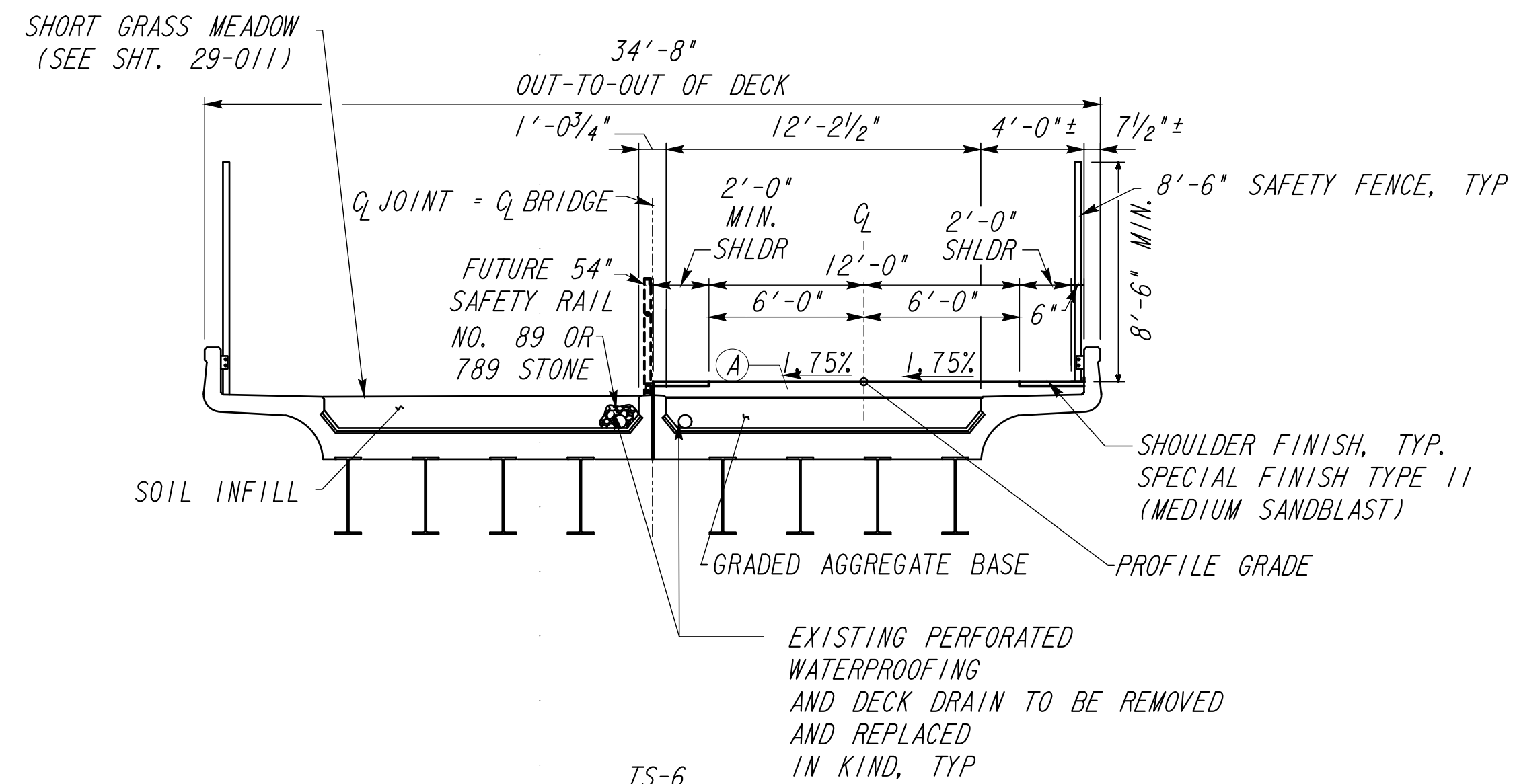
REVISION DATES	

TYPICAL SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

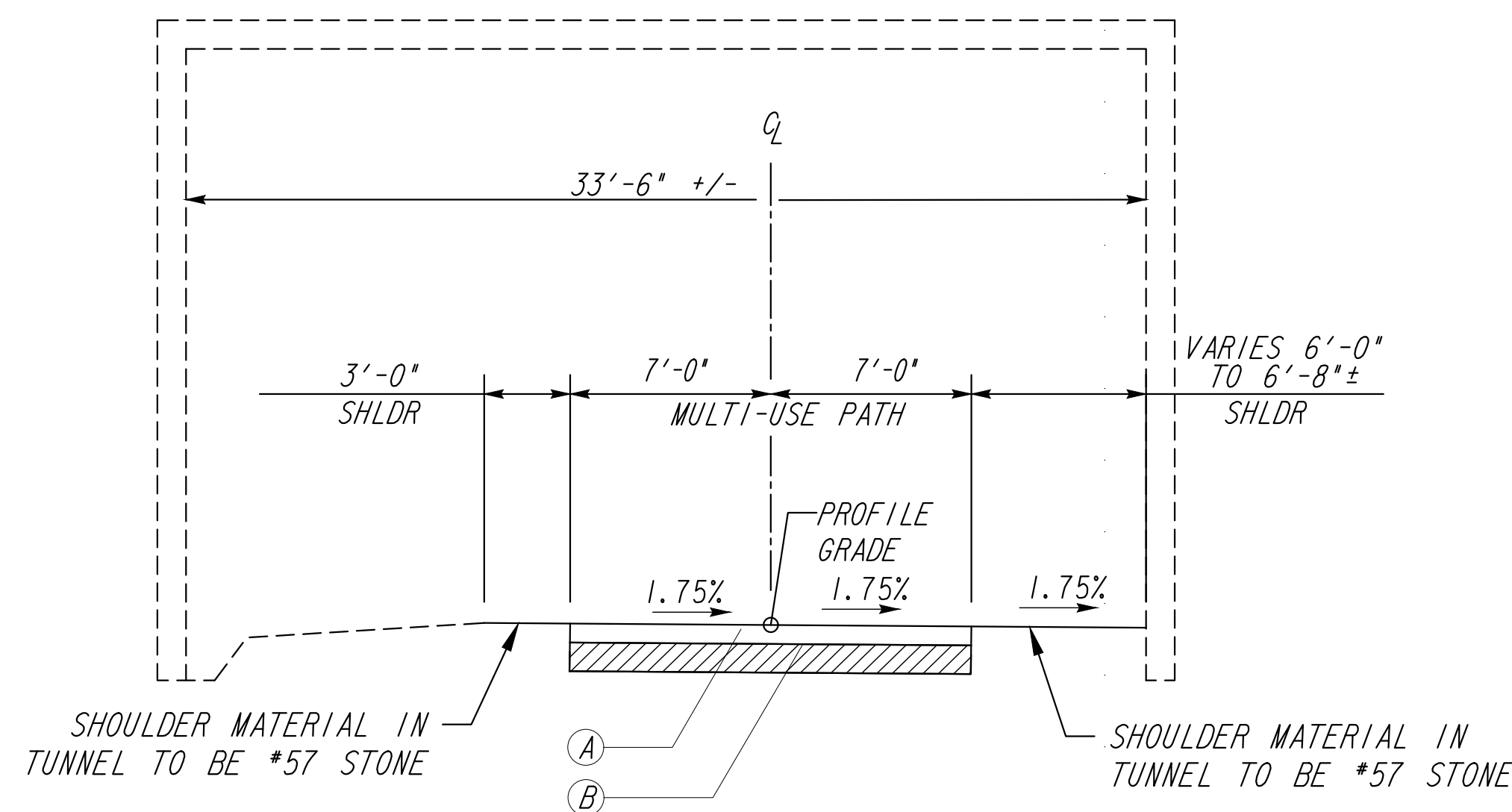
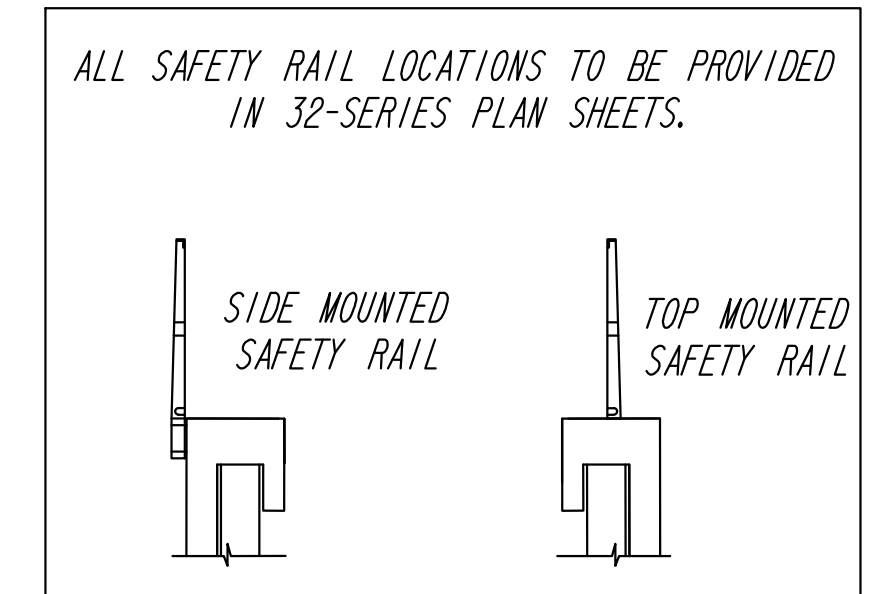
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	05-002
CORRECTED:	DATE:	
VERIFIED:	DATE:	



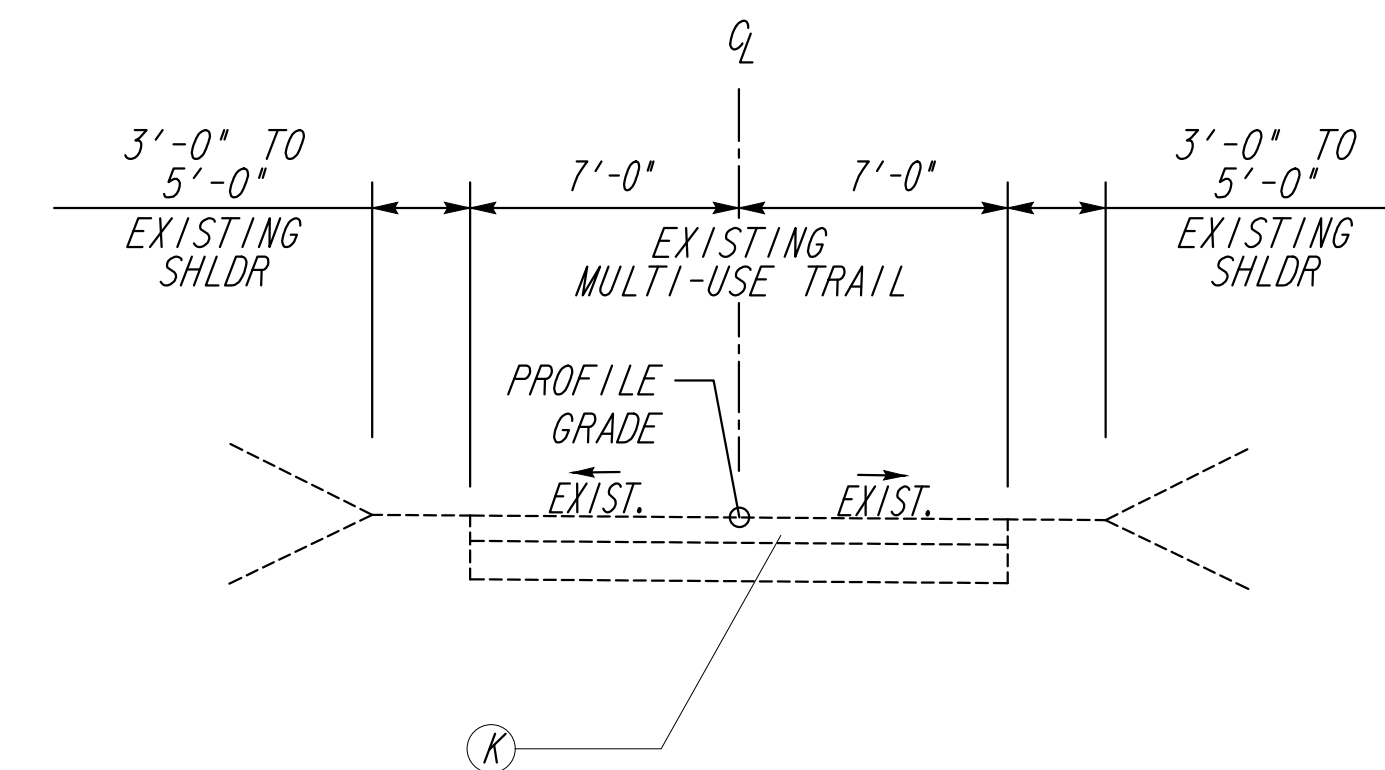
TS-5
ATLANTA BELTLINE TRAIL
CLEAR CREEK BRIDGE
STA. 112+99.86 TO STA. 114+28.94



TS-6
ATLANTA BELTLINE TRAIL
WYE BRIDGE
STA. 149+55.92 TO STA. 151+20.09



TS-7
ATLANTA BELTLINE TRAIL
I-85 TUNNEL
STA. 153+25.33 TO STA. 155+82.90



TS-8
ATLANTA BELTLINE TRAIL
STA. 118+00.00 TO STA. 147+90.62

** SEE PLANS FOR DITCH/SWALE LOCATIONS

REQUIRED PAVEMENT

- Ⓐ 6" CLASS "AA" CONCRETE, SPECIAL FINISH (SEE 38-SERIES SHEETS)
- Ⓑ GR AGGR BASE CRS, 8 INCH, INCL MATL
- Ⓒ 6" CLASS "AA" CONCRETE
- Ⓓ 4" SIDEWALK (SEE 38-SERIES SHEETS)
- Ⓔ 1.5" RECYCLED ASPH CONC 12.5 MM SUPERPAVE GP 2 ONLY, INCL BITUM MATL & H LIME (165 LB/SY)
- Ⓕ MILL ASPH CONC 1.5 INCH DEPTH
- Ⓖ CONC CURB & GUTTER, 8 IN X 24 IN, TP 2
- Ⓗ EXISTING PAVEMENT TO REMAIN
- Ⓙ EXISTING CURB AND GUTTER TO REMAIN
- Ⓚ CONCRETE HEADER CURB, 8 IN X 6 IN, TP 2
- Ⓛ EXISTING CONCRETE TRAIL TO REMAIN
- Ⓜ GRANITE HEADER CURB, VARIABLE HEIGHT

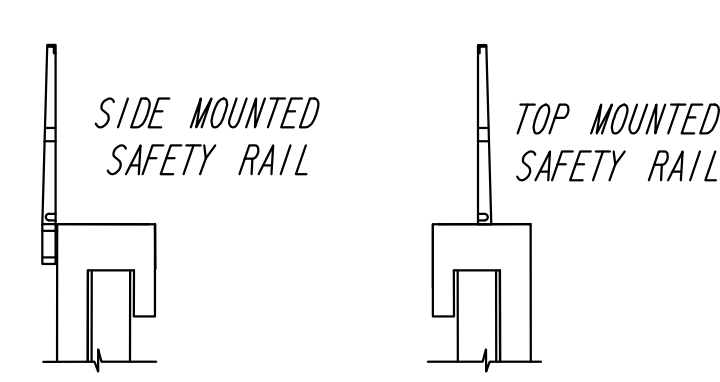
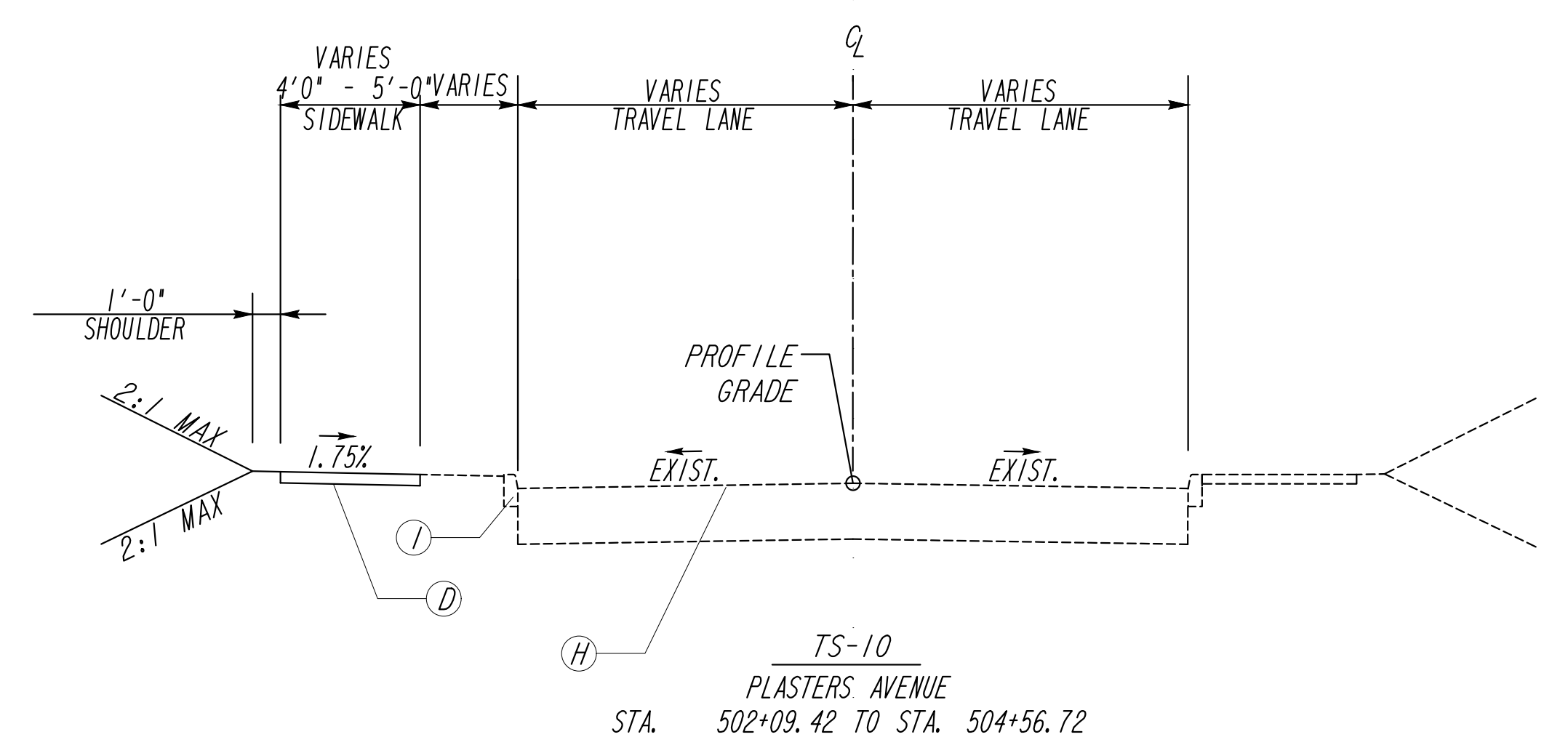
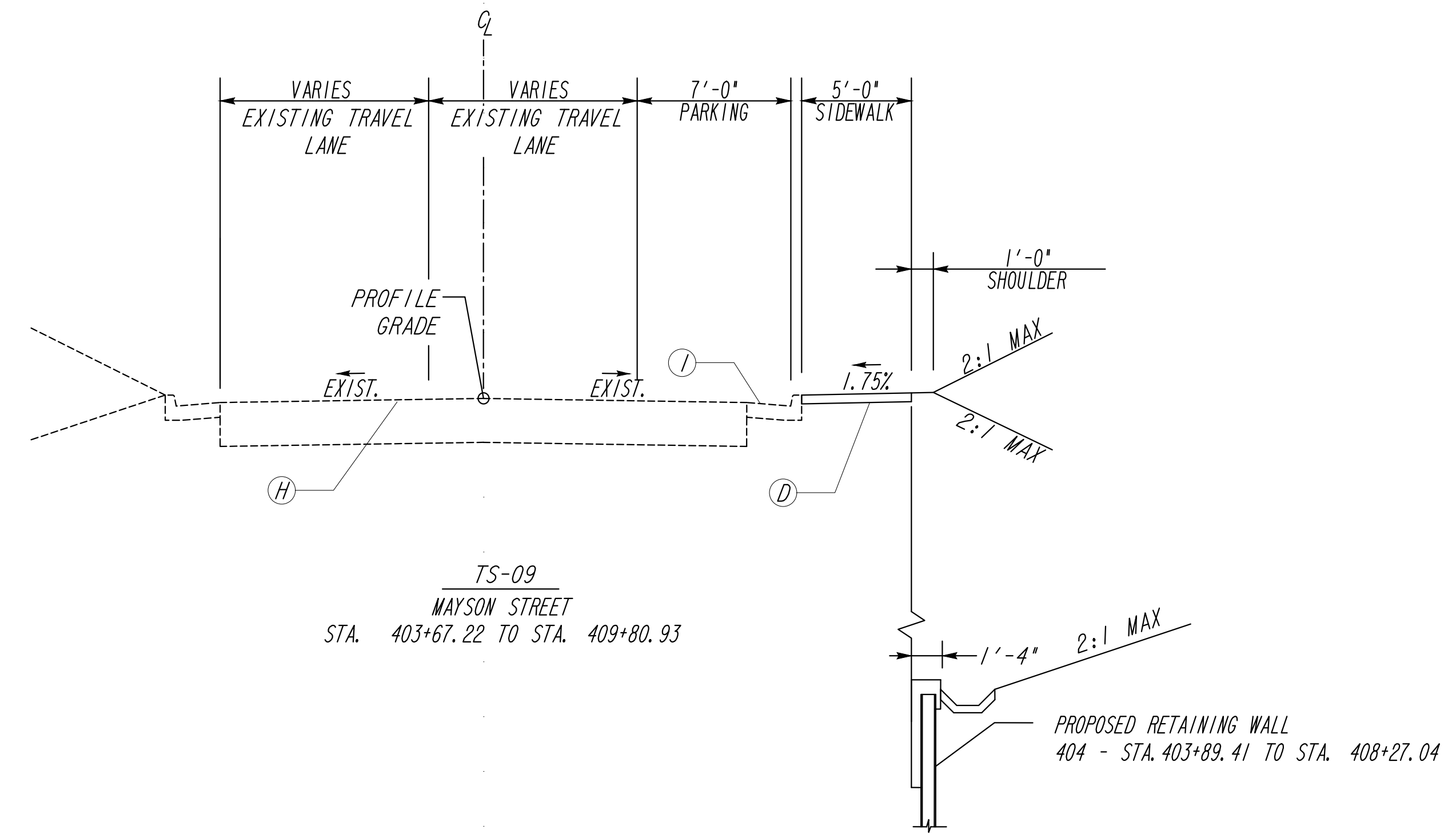
REVISION DATES

NO.	DATE	DESCRIPTION

TYPICAL SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	05-003
CORRECTED:	DATE:	
VERIFIED:	DATE:	

ALL SAFETY RAIL LOCATIONS TO BE PROVIDED IN 32-SERIES PLAN SHEETS.

** SEE PLANS FOR DITCH/SWALE LOCATIONS

REQUIRED PAVEMENT

- Ⓐ 6" CLASS "AA" CONCRETE, SPECIAL FINISH (SEE 38-SERIES SHEETS)
- Ⓑ GR AGGR BASE CRS, 8 INCH, INCL MATL
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- Ⓝ CONCRETE HEADER CURB, 8 IN X 6 IN, TP 2
- Ⓚ EXISTING CONCRETE TRAIL TO REMAIN
- Ⓛ GRANITE HEADER CURB, VARIABLE HEIGHT

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NOT TO SCALE

REVISION DATES

NO.	DATE	DESCRIPTION

TYPICAL SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 05-004
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

SUMMARY OF QUANTITIES

EROSION CONTROL

BARRIER FENCE (ORANGE), 4 FT, INSTALL/REMOVE		
TOTAL	13,059	LF
TEMPORARY SILT FENCE, TP C		
TOTAL	1,796	LF
MAINTENANCE OF SILT FENCE, TP C		
TOTAL	1,796	LF
TEMPORARY SILT FENCE, TP A		
TOTAL	11,686	LF
MAINTENANCE OF SILT FENCE, TP A		
TOTAL	11,686	LF
CONSTRUCT AND REMOVE INLET SEDIMENT TRAP		
TOTAL	9	EA
MAINTENANCE OF INLET SEDIMENT TRAP		
TOTAL	9	EA

CONSTRUCTION EXIT		
	CONSTRUCT & REMOVE	MAINTENANCE
	EACH	EACH
TOTAL	3	3

RIP RAP LINED CHANNEL, TP 3		
TOTAL	226	SY

CHANNEL STABILIZATION (Ch-1) VEGETATIVE LINING		
TOTAL	0.5	AC

WATER QUALITY MONITORING AND SAMPLING		
TOTAL	2	EA

WATER QUALITY INSPECTIONS		
TOTAL	12	MO

PERMANENT GRASSING-Ds3			TEMPORARY GRASSING-Ds2		
TOTAL	12.15	AC	TOTAL	12.15	AC

CONSTRUCT & REMOVE STONE FILTER RING		
TOTAL	4	EA

MAINTENANCE OF STONE FILTER RING		
TOTAL	4	EA

MULCH-Ds1		
TOTAL	74	TN

CONSTRUCT & REMOVE TEMPORARY SEDIMENT TRAP (Sd4)		
TOTAL	1	EA

CHECK DAMS - ALL TYPES (Cd-S)		
TOTAL	23	EA

MAINTENANCE OF ALL TYPES OF CHECK DAMS		
TOTAL	23	EA

TURF REINFORCING MATTING, TP 3		
TOTAL	175	SY

SURFACING, EARTHWORK, AND TRAFFIC CONTROL

GRADING COMPLETE		
	LUMP SUM	
TRAFFIC CONTROL		
	LUMP SUM	
STRAIGHT GRANITE CURB VARIABLE HEIGHT X 17 IN, TP A		
TOTAL	101	LF
FIELD ENGINEERS OFFICE, TP3		
TOTAL	1	EA

GRANITE PAVERS		
TOTAL	653	SF
CONC SIDEWALK, 4 IN		
TOTAL	584	SY
CONC SIDEWALK, 8 IN		
TOTAL	91	SY
CLASS A CONCRETE, INCL. REINF. STEEL		
TOTAL	16	CY
SHORING		
TOTAL	6,000	SF

SURFACING QUANTITIES		
ITEMS	UNIT	TOTALS
CONCRETE TRAIL PAVING, STANDARD FINISH, 6 INCH	SY	210
CONCRETE TRAIL PAVING, SPECIAL FINISH, 6 INCH	SY	5090
GR AGGR BASE CRS, 8 INCH INCL MATL	TN	2334

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REVISION DATES	
12/17/21	

SUMMARY QUANTITIES
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	06-001
CORRECTED:	DATE:	
VERIFIED:	DATE:	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES – WALL NO. 100B

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
515-2105	18	LF	42" METAL SAFETY RAIL
617-0510	LUMP		PERMANENTLY ANCHORED WALL, NO – 100B
999-9000	125	SF	GRANITE FACING

SUMMARY OF QUANTITIES – WALL NO. 100D

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500-3107	95	CY	CLASS A CONCRETE, RETAIN WALL
501-3000	377	LB	STR STEEL
511-1000	6187	LB	BAR REINF STEEL
999-9000	375	SF	GRANITE FACING

SUMMARY OF QUANTITIES – WALL NO. 101B

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500-3800	8	CY	CLASS A CONCRETE, INCL REINF STEEL
501-3000	250	LB	STR STEEL
515-2105	103	LF	42" METAL SAFETY RAIL
627-1000	565	SF	MSE WALL FACE, 0-10 FT HT, WALL NO – 101B
999-9000	670	SF	GRANITE FACING

CONSTRUCTION VIBRATION MONITORING

TOTAL	LUMP
-------	------

SUMMARY OF QUANTITIES – WALL NO. 101C

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500-3800	8	CY	CLASS A CONCRETE, INCL REINF STEEL
501-3000	235	LB	STR STEEL
515-2105	105	LF	42" METAL SAFETY RAIL
627-1000	396	SF	MSE WALL FACE, 0-10 FT HT, WALL NO – 101C
627-1010	472	SF	MSE WALL FACE, 10-20 FT HT, WALL NO – 101C
999-9000	973	SF	GRANITE FACING

SUMMARY OF QUANTITIES – WALL NO. 101D

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
515-2105	9	LF	42" METAL SAFETY RAIL
617-0510	LUMP		PERMANENTLY ANCHORED WALL, NO – 101D
999-9000	60	SF	GRANITE FACING

SUMMARY OF QUANTITIES – WALL NO. 113A

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
502-1200	0.3	MBM	BRIDGE TIMBER, TREATED
617-0510	LUMP		PERMANENTLY ANCHORED WALL, NO – 113A
999-9000	181	SF	GRANITE FACING

SUMMARY OF QUANTITIES – WALL NO. 113B

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
502-1200	0.3	MBM	BRIDGE TIMBER, TREATED
617-0510	LUMP		PERMANENTLY ANCHORED WALL, NO – 113B
999-9000	178	SF	GRANITE FACING

SUMMARY OF QUANTITIES – WALL NO. 114A

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
502-1200	0.9	MBM	BRIDGE TIMBER, TREATED
617-0510	LUMP		PERMANENTLY ANCHORED WALL, NO – 114A
999-9000	580	SF	GRANITE FACING

SUMMARY OF QUANTITIES – WALL NO. 114B

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
502-1200	0.9	MBM	BRIDGE TIMBER, TREATED
617-0510	LUMP		PERMANENTLY ANCHORED WALL, NO – 114B
999-9000	570	SF	GRANITE FACING

SUMMARY OF QUANTITIES – WALL NO. 404

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
441-0204	141	SY	PLAIN CONC. DITCH PAVING, 4 IN
617-0510	LUMP		PERMANENTLY ANCHORED WALL, NO – 404

NORTH WYE BRIDGE SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500-1011	LUMP	LS	SUPERSTR CONCRETE, CL D, BR NO-2 (76)
511-3000	LUMP	LS	SUPERSTR REINF STEEL, BR NO-2 (12,472)
515-XXXX	329	LF	10'-0" METAL SAFETY RAIL
521-3000	150	SF	PATCHING CONCRETE BRIDGE
528-0501	100	LF	EPOXY PRESSURE INJECTION OF CONCRETE CRACKS
533-0010	477	SY	BRIDGE DECK WATERPROOFING MEMBRANE, METHOD A
535-1005	LUMP	LS	PAINT EXIST STEEL STRUCTURE, BR ID - 121-0488-0
540-1202	LUMP	LS	REMOVAL OF PARTS OF EXISTING BRIDGE, BR NO-2
544-1000	LUMP	LS	DECK DRAIN SYSTEM, BR NO-2

CLEAR CREEK BRIDGE SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500-1011	LUMP	LS	SUPERSTR CONCRETE, CL D, BR NO-1 (93)
500-3101	21	CY	CLASS A CONCRETE
502-1200	5	MBM	BRIDGE TIMBER, TREATED
511-1000	3040	LB	BAR REINF STEEL
511-3000	LUMP	LS	SUPERSTR REINF STEEL, BR NO-1 (15,650)
540-1202	LUMP	LS	REMOVAL OF PARTS OF EXISTING BRIDGE, BR NO-1
603-2182	160	SY	STN DUMPED RIP RAP, TP 3, 24 IN
603-7000	160	SY	PLASTIC FILTER FABRIC
999-7520	LUMP	LS	HELICAL PILE FOUNDATION

REVISION DATES

REVISION DATES



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REVISION DATES

NO.	DATE	DESCRIPTION

SUMMARY QUANTITIES ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	06-002
CORRECTED:	DATE:	
VERIFIED:	DATE:	

SUMMARY OF QUANTITIES

DRAINAGE

Structure	Location	Storm Drain Pipe														Drop Inlets					Manholes				Manholes				Flared End Sections		Plastic Filter Fabric									
		H 1-10				H 10-15				H 15-20						GA. STD. 9031S GP 1		GA. STD. 1019AP GP 1 - TYPE A		GA. STD. 1019AP GP 1 - TYPE A		GA. STD. 1019AP GP 1 - TYPE C		GA. STD. D-33 - TYPE V		GA. STD. 1011AP TP 1				GA. STD. 1011AP TP 2				GA. STD. 1120		Str Dumped Rip-Rap Type 3, 18 inch				
		12" (LF)	15" (LF)	18" (LF)	24" (LF)	30" (LF)	18" (LF)	24" (LF)	30" (LF)	36" (LF)	60" (LF)	72" (LF)	18" (LF)	36" (LF)	60" (LF)	72" (LF)	0-6' add'l depth	0-6' add'l depth	0-6' add'l depth	0-6' add'l depth	0-6' add'l depth	0-6' add'l depth	0-6' add'l depth	0-6' add'l depth	0-6' add'l depth	0-6' add'l depth	0-6' add'l depth	0-6' add'l depth	0-6' add'l depth	0-6' add'l depth	0-6' add'l depth	0-6' add'l depth	12"	18"	24"	SY	SY			
A-3	96+46.64, 40.77 RT			168																																				
A-4	98+11.24, 25.95 RT																			1	4																			
B-5	112+29.69, 46.72LT				35																																			
B-6	112+65.32, 43.40 L																																	1	31	31				
J-4	152+80.31, 24.02' R			40												1																			1	21	21			
J-3	153+15.47, 4.62'RT			300																																				
J-2	156+14.90, 6.17' LT			74																																				
J-1	156+80.04, 24.18' LT																																							
J-5	156+40.88, 16.97' R			67																																				
J-6	156+95.33, 22.38' LT																																							
J-7	157+25.34, 53.65' LT																																							
12 IN PVC	103+96.84, 15.99 LT																																							
4' Ditch	108+41.32, 31.38 RT																																							
As Directed:		0	0	65	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
Totals:		0	0	714	39	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	4	0	0	3	1	0	0	0	0	0	0	2	0	1	2	1	108	108

TRENCH DRAIN, 8 IN	
SUBTOTAL	273 LF
AS DIRECTED	28 LF
TOTAL	301 LF

PVC PIPE, 6 IN	
SUBTOTAL	23 LF
AS DIRECTED	3 LF
TOTAL	26 LF

NOTE: COST OF PVC PIPE TO BE INCLUDED IN UNIT PRICE FOR TRAIL PAVING.

PVC PIPE, 12 IN, RAMP DRAINAGE	
SUBTOTAL	290 LF
AS DIRECTED	29 LF
TOTAL	319 LF

NOTE: COST OF PVC PIPE TO BE INCLUDED IN UNIT PRICE FOR TRAIL PAVING.

YARD INLET	
TOTAL	3 EA

DETENTION POND, 'BI'	
TOTAL	335 CY

NOTE: COST OF UNDERDRAIN TO BE INCLUDED IN UNIT PRICE FOR DETENTION POND 'BI'

DETENTION POND, 'JI'	
TOTAL	157 CY

INFILTRATION TRENCH	
TOTAL	2 EA

CLASS AAI CONC. INCL. REINF. MATL. (DRAINAGE WEIR STRUCTURES)	
TOTAL	7 CY

PREP BY: [Name]
 CHECK BY: [Name]
 DATE: [Date]



NOT TO SCALE

REVISION DATES		SUMMARY QUANTITIES			
12/17/21		ATLANTA BELTLINE NORTHEAST TRAIL			
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		CORRECTED:	DATE:		
		VERIFIED:	DATE:		

SUMMARY OF QUANTITIES

LIGHTING

CLASS "A" CONCRETE	
TOTAL	30 CY
BAR REINFORCED STEEL	
TOTAL	3,335 LB
LUMINAIRE-TYPE "FA"	
TOTAL	62 EA
LUMINAIRE-TYPE "FB"	
TOTAL	5 EA
LUMINAIRE-TYPE "FC"	
TOTAL	8 EA
LUMINAIRE-TYPE "FE"	
TOTAL	6 EA
LUMINAIRE-TYPE "FF"	
TOTAL	3 EA
SECURITY CAMERA	HANDHOLE
TOTAL 9 EA	TOTAL 19 EA
CABLE, TP XHHW, AWG #10	
TOTAL	52,070 LF
CABLE, TP XHHW, AWG #8	
TOTAL	2,300 LF
CABLE, TP XHHW, AWG #6	
TOTAL	800 LF
CABLE, TP XHHW, AWG #4	
TOTAL	3,200 LF
CONDUIT, RIGID, 1 INCH	
TOTAL	120 LF
CONDUIT, NON-METAL, TP 2, 1 INCH	
TOTAL	5,640 LF
CONDUIT, NON-METAL, TP 2, 2 INCH	
TOTAL	3,560 LF
OUTSIDE PLANT FIBER OPTIC CABLE, SINGLE MODE, 6 FIBER	
TOTAL	1,400 LF
OUTSIDE PLANT FIBER OPTIC CABLE, SINGLE MODE, 48 FIBER	
TOTAL	1,560 LF
OUTSIDE PLANT FIBER OPTIC CABLE, LOOSE TUBE, SINGLE MODE, 144 FIBER	
TOTAL	6,500 LF
POWER SERVICE CABINET	
TOTAL	3 EA

LIGHTING STD. STEEL 11-15 FEET + GROUND ROD & CABLE	
TOTAL	75 EA
MDF CABINET FOR FIBER TERMINATIONS	
TOTAL	1 EA
ELECTRIC BOX	
TOTAL	3 EA
DUCT BANK/UTILITIES	
CONDUIT, NON-METAL TYP 2, 4"	
TOTAL	6,620 LF
ELECTRICAL JUNCTION BOX, CONC. GROUND MOUNTED	
TOTAL	4 EA
FLOWABLE FILL	
TOTAL	110 CY
ADJUST MINOR STRUCTURES TO GRADE	
TOTAL	14 EA

MISC. ITEMS

BOLLARDS	
TOTAL	7 EA
ECO COUNTER	
TOTAL	2 EA
SOLAR LED LIGHTS	
TOTAL	10 EA
TRASH RECEPTACLES	
TOTAL	4 EA
CLASS A CONC. (ART FOUNDATIONS)	
TOTAL	5 CY
BAR REINF. STEEL (ART FOUNDATIONS)	
TOTAL	289 LB
NOTE: ART PAD LOCATIONS TO BE DETERMINED BY OWNERS	
HAND RAIL SPECIAL DESIGN - NON LIGHTED	
TOTAL	355 LF
CHAIN LINK FENCE, PVC, 6FT, 11 GA	
TOTAL	500 LF
DECOMPOSED GRANITE	
TOTAL	125 SF
ALUMINUM EDGING	
TOTAL	50 LF

REVISION DATES
 01/03/22

REVISION DATES
 01/03/22



NOT TO SCALE

REVISION DATES	
01/03/22	

SUMMARY QUANTITIES

ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	06-004
CORRECTED:	DATE:	
VERIFIED:	DATE:	

SUMMARY OF QUANTITIES

SUMMARY OF QUANTITIES - STANDARD SIGNS

STATION	INSTL. NO.	SIGN CODE	TP 1 MATL, REFL SHEETING TP 9			TP 1 MATL, REFL SHEETING TP 11			RESET HWY SIGN QUANTITY	POST TYPE 7			POST TYPE 8		
			SIZE	QUANTITY	SQUARE FEET	SIZE	QUANTITY	SQUARE FEET		LENGTH (FEET)	QUANTITY	TOTAL LENGTH	LENGTH (FEET)	QUANTITY	TOTAL LENGTH
			Westminster												
94+85 L		W11-2	36X36	1	9								15	1	15
		W16-9P	24X12	1	2										
95+08 L		W11-2	36X36	1	9										
		W16-7P	24X12	1	2								15	1	15
95+43 R		W11-2	36X36	1	9										
		W16-7P	24X12	1	2								15	1	15
95+44 R		R1-5B	36X36	1	9								14	1	14
95+07 L		R1-5B	36X36	1	9								14	1	14
Plasters															
409+58 R		R1-1				30X30	1	6.25		12.5	1	12.5			
501+99 R		W11-2	36X36	1	9								15	1	15
		W16-7P	24X12	1	2										
501+05 RT		W11-2	36X36	1	9								15	1	15
		W16-9P	24X12	1	2										
501+78L		R1-1				30X30	1	6.25		12.5	1	12.5			
502+18L		W11-2	36X36	1	9								15	1	15
		W16-7P	24X12	1	2										
503+18 L		W11-2	36X36	1	9								15	1	15
		W16-9P	24X12	1	2										
504+07		R1-1				30X30	1	6.25		12.5	1	12.5			
AS DIRECTED															
TOTAL															
					10			2.25					4.5		14
					105			21	0				42		147

SUMMARY OF PAVEMENT MARKING QUANTITIES

TRAFFIC STRIPE				
DESCRIPTION	UNIT			
		SUBTOTAL	AS DIRECTED	TOTAL
THERMOPLASTIC TRAF STRIPE, 8 IN. WHITE	LF	625	63	688
THERMOPLASTIC TRAF STRIPE, 24 IN. WHITE	LF	62	7	69

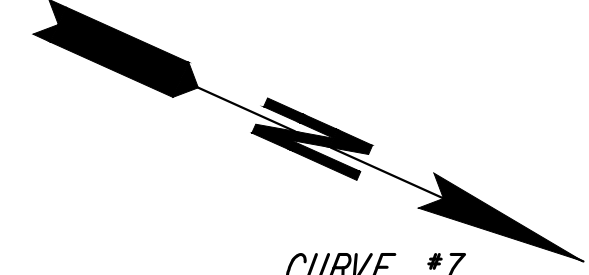
REVISION DATES
 12/17/21

REVISION DATES
 12/17/21

REVISION DATES	
12/17/21	

SUMMARY QUANTITIES ATLANTA BELTLINE NORTHEAST TRAIL

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



- CURVE *1**
PI Sta = 97+84.13
N = 1380356.67
E = 2234672.19
DELTA = 10° 35' 14"
D = 6° 21' 58.31"
T = 83.39
L = 166.30
R = 900.00
E = 3.85
- CURVE *2**
PI Sta = 101+63.25
N = 1380705.70
E = 2234522.98
DELTA = 4° 38' 33"
D = 3° 10' 59.16"
T = 72.97
L = 145.85
R = 1800.00
E = 1.48
- CURVE *3**
PI Sta = 107+65.77
N = 1381238.80
E = 2234242.04
DELTA = 4° 55' 40"
D = 5° 43' 46.48"
T = 43.03
L = 86.01
R = 1000.00
E = 0.93
- CURVE *4**
PI Sta = 109+58.57
N = 1381401.06
E = 2234137.80
DELTA = 14° 35' 23"
D = 8° 11' 06.40"
T = 89.61
L = 178.25
R = 700.00
E = 5.71
- CURVE *5**
PI Sta = 111+76.83
N = 1381609.41
E = 2234069.59
DELTA = 7° 10' 25"
D = 5° 43' 46.48"
T = 62.68
L = 125.20
R = 1000.00
E = 1.96
- CURVE *6**
PI Sta = 115+21.68
N = 1381921.32
E = 2233922.15
DELTA = 19° 36' 19"
D = 22° 55' 05.92"
T = 43.19
L = 85.54
R = 250.00
E = 3.70
- CURVE *7**
PI Sta = 116+85.62
N = 1382085.30
E = 2233905.79
DELTA = 19° 42' 52"
D = 28° 38' 52.40"
T = 34.75
L = 68.82
R = 200.00
E = 3.00

- CURVE *1A**
PI Sta = 96+09.32
N = 1380184.11
E = 2234679.44
DELTA = 31° 11' 05"
D = 47° 44' 47.34"
T = 33.49
L = 65.31
R = 120.00
E = 4.58
- CURVE *1B**
PI Sta = 96+71.57
N = 1380245.57
E = 2234696.94
DELTA = 28° 27' 13"
D = 47° 44' 47.34"
T = 30.42
L = 59.59
R = 120.00
E = 3.80

BEGIN PROJECT
BEGIN CONSTRUCTION
STA: 95+00.00
N: 1380078.6524
E: 2234708.2712

BEGIN CONCRETE TRAIL
STA: 95+42.30
N23°08'48.2"W

BEGIN BRIDGE 1
STA. 112+99.86

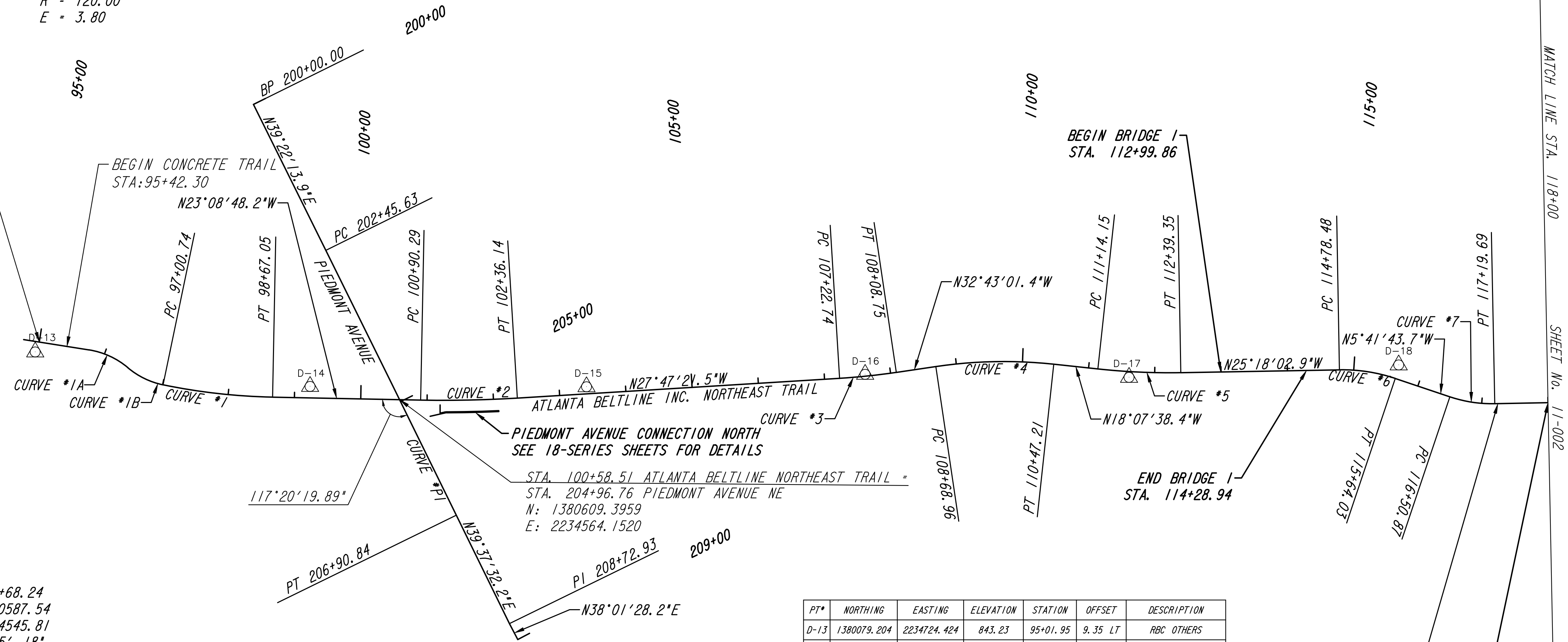
ATLANTA BELTLINE INC. NORTHEAST TRAIL
PIEDMONT AVENUE CONNECTION NORTH
SEE 18-SERIES SHEETS FOR DETAILS
STA. 100+58.51 ATLANTA BELTLINE NORTHEAST TRAIL =
STA. 204+96.76 PIEDMONT AVENUE NE
N: 1380609.3959
E: 2234564.1520

CURVE *7
D-18
N5°41'43.7"W

END BRIDGE 1
STA. 114+28.94

END CONCRETE TRAIL
BEGIN EXISTING TRAIL
STA. 118+00

- CURVE *PI**
PI Sta = 204+68.24
N = 1380587.54
E = 2234545.81
DELTA = 0° 15' 18"
D = 0° 03' 26.26"
T = 222.60
L = 445.21
R = 100000.00
E = 0.25



PT*	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
D-13	1380079.204	2234724.424	843.23	95+01.95	9.35 LT	RBC OTHERS
D-14	1380478.240	2234601.437	839.20	99+23.26	17.27 LT	RBC OTHERS
D-15	1380858.307	2234430.558	836.65	103+41.27	10.62 LT	60D NAIL OTHERS
D-16	1381233.394	2234240.773	835.42	107+61.70	2.88 LT	60D NAIL OTHERS
D-17	1381597.917	2234081.386	836.45	111+61.84	8.78 RT	60D NAIL OTHERS
D-18	1381960.680	2233897.144	837.12	115+62.60	20.98 LT	60D NAIL OTHERS

PROPERTY AND EXISTING R/W LINE ———— P ————

REQUIRED R/W LINE ———— G ———— F ————

CONSTRUCTION LIMITS

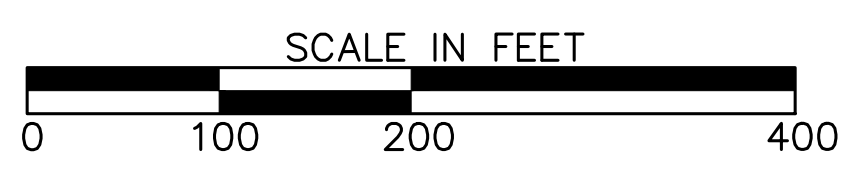
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF DRIVES

Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700



REVISION DATES

CONSTRUCTION LAYOUT
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	11-001
CORRECTED:	DATE:	
VERIFIED:	DATE:	

CURVE *8
 PI Sta = 119+85.50
 N = 1382356.79
 E = 2233776.82
 DELTA = 12° 07' 03"
 D = 11° 27' 32.96"
 T = 53.07
 L = 105.75
 R = 500.00
 E = 2.81

CURVE *9
 PI Sta = 121+70.94
 N = 1382504.17
 E = 2233663.62
 DELTA = 12° 07' 03"
 D = 11° 27' 32.96"
 T = 53.07
 L = 105.75
 R = 500.00
 E = 2.81

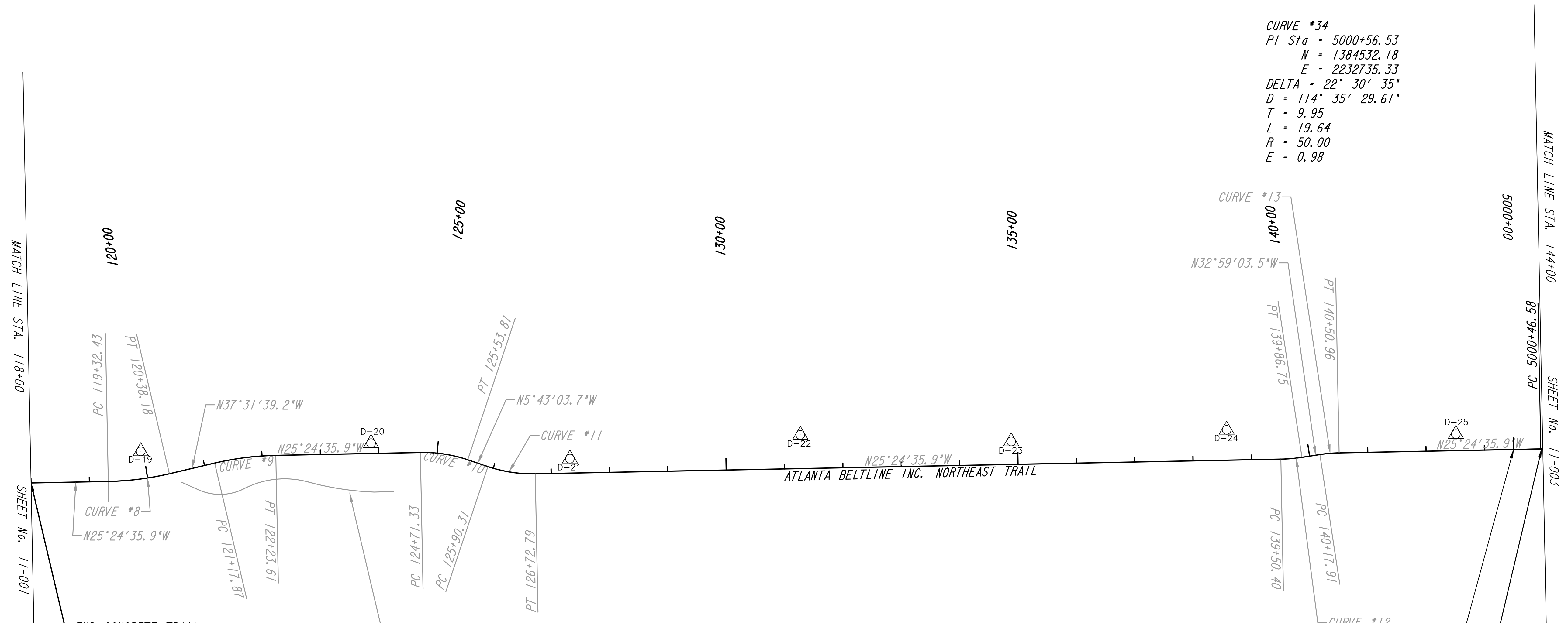
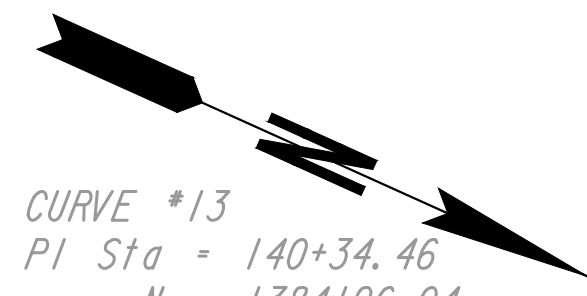
CURVE *10
 PI Sta = 125+12.98
 N = 1382813.48
 E = 2233516.69
 DELTA = 19° 41' 32"
 D = 23° 52' 23.67"
 T = 41.65
 L = 82.49
 R = 240.00
 E = 3.59

CURVE *11
 PI Sta = 126+31.96
 N = 1382932.68
 E = 2233504.75
 DELTA = 19° 41' 32"
 D = 23° 52' 23.67"
 T = 41.65
 L = 82.49
 R = 240.00
 E = 3.59

CURVE *12
 PI Sta = 139+68.60
 N = 1384140.76
 E = 2232930.85
 DELTA = 7° 34' 28"
 D = 20° 50' 05.38"
 T = 18.20
 L = 36.35
 R = 275.00
 E = 0.60

CURVE *13
 PI Sta = 140+34.46
 N = 1384196.04
 E = 2232894.98
 DELTA = 7° 34' 28"
 D = 22° 55' 05.92"
 T = 16.55
 L = 33.05
 R = 250.00
 E = 0.55

CURVE *34
 PI Sta = 5000+56.53
 N = 1384532.18
 E = 2232735.33
 DELTA = 22° 30' 35"
 D = 114° 35' 29.61"
 T = 9.95
 L = 19.64
 R = 50.00
 E = 0.98



PT*	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
D-19	1382338.423	2233729.710	838.33	119+95.16	46.87 LT	60D NAIL OTHERS
D-20	1382692.294	2233554.658	840.18	123+87.23	17.70 LT	60D NAIL OTHERS
D-21	1383013.735	2233438.855	838.84	127+32.62	24.74 LT	RBC OTHERS
D-22	1383356.858	2233239.253	841.35	131+28.20	57.80 LT	RBC OTHERS
D-23	1383690.827	2233101.034	841.27	134+89.17	39.35 LT	RBC OTHERS
D-24	1384019.109	2232931.043	841.62	138+58.64	52.03 LT	RBC OTHERS
D-25	1384380.036	2232776.218	842.81	142+51.56	28.32 LT	60D NAIL OTHERS

STA. 143+50.00 ATLANTA BELTLINE NORTHEAST TRAIL =
 STA. 5000+00.00 ABI NORTHEAST AS-BUILT
 N: 1384481.1073
 E: 2232759.5568

PROPERTY AND EXISTING R/W LINE

REQUIRED R/W LINE

CONSTRUCTION LIMITS

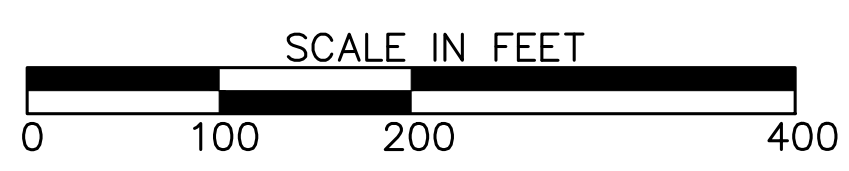
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF DRIVES

Atlanta BeltLine
 ATLANTA BELTLINE, INC.
 100 PEACHTREE STREET, NW
 SUITE 2300
 ATLANTA, GA 30303
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 KIMLEY-HORN AND ASSOCIATES, INC.
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 817 WEST PEACHTREE STREET, NW
 ATLANTA, GEORGIA 30308
 TEL: (404) 419-8700



CONSTRUCTION LAYOUT
 ATLANTA BELTLINE NORTHEAST TRAIL

REVISION DATES	

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	11-002
CORRECTED:	DATE:	
VERIFIED:	DATE:	

CURVE *14
 PI Sta = 146+48.16
 N = 1384750.43
 E = 2232631.62
 DELTA = 17° 41' 37"
 D = 7° 47' 43.24"
 T = 114.40
 L = 226.98
 R = 735.00
 E = 8.85

CURVE *15
 PI Sta = 148+21.69
 N = 1384924.19
 E = 2232608.07
 DELTA = 19° 35' 10"
 D = 31° 49' 51.56"
 T = 31.07
 L = 61.53
 R = 180.00
 E = 2.66

CURVE *16
 PI Sta = 148+95.48
 N = 1384990.30
 E = 2232573.95
 DELTA = 19° 15' 52"
 D = 31° 49' 51.56"
 T = 30.55
 L = 60.52
 R = 180.00
 E = 2.57

CURVE *17
 PI Sta = 150+23.00
 N = 1385117.13
 E = 2232556.04
 DELTA = 0° 56' 53"
 D = 0° 49' 06.64"
 T = 57.91
 L = 115.83
 R = 7000.00
 E = 0.24

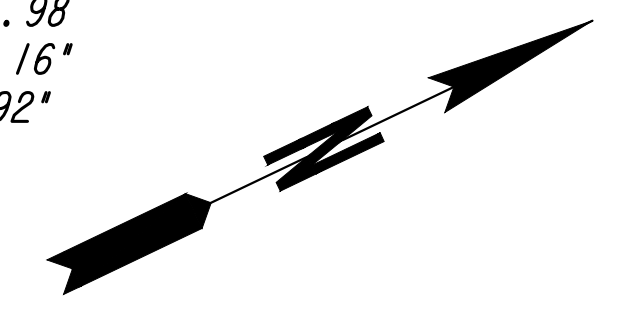
CURVE *18
 PI Sta = 151+59.99
 N = 1385253.08
 E = 2232539.13
 DELTA = 4° 12' 12"
 D = 11° 27' 32.96"
 T = 18.35
 L = 36.68
 R = 500.00
 E = 0.34

CURVE *19
 PI Sta = 153+25.36
 N = 1385415.26
 E = 2232506.74
 DELTA = 4° 55' 22"
 D = 7° 09' 43.10"
 T = 34.39
 L = 68.74
 R = 800.00
 E = 0.74

CURVE *20
 PI Sta = 155+14.34
 N = 1385603.11
 E = 2232485.77
 DELTA = 3° 29' 40"
 D = 5° 43' 46.48"
 T = 30.50
 L = 60.99
 R = 1000.00
 E = 0.47

CURVE *21
 PI Sta = 156+63.47
 N = 1385752.08
 E = 2232478.28
 DELTA = 59° 24' 57"
 D = 44° 04' 25.24"
 T = 74.17
 L = 134.81
 R = 130.00
 E = 19.67

CURVE *22
 PI Sta = 157+74.23
 N = 1385820.61
 E = 2232581.98
 DELTA = 22° 40' 16"
 D = 22° 55' 05.92"
 T = 50.12
 L = 98.92
 R = 250.00
 E = 4.97



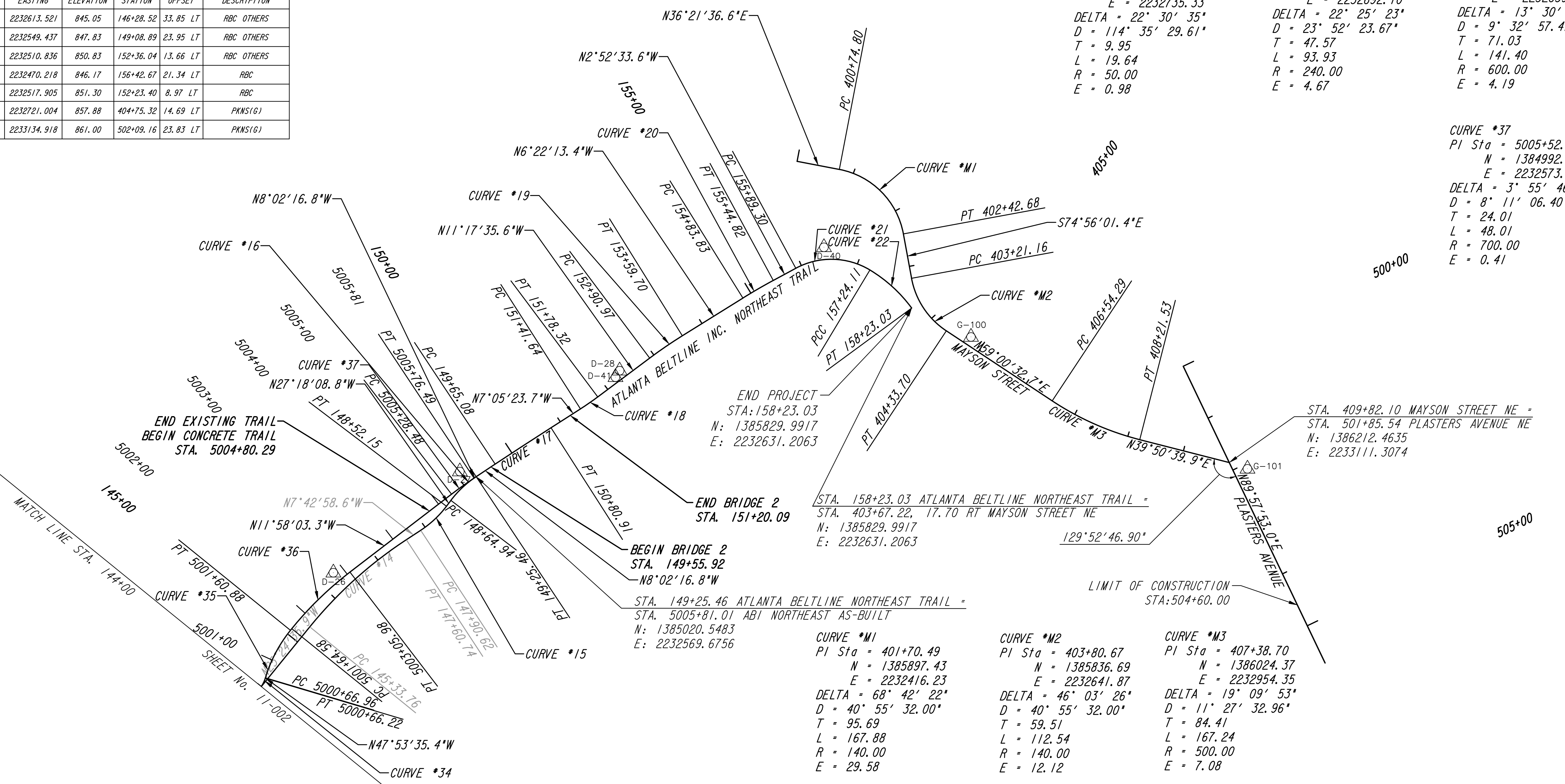
PT*	NORTHING	EASTING	ELEVATION	STATION	OFFSET	DESCRIPTION
D-26	1384724.445	2232613.521	845.05	146+28.52	33.85 LT	RBC OTHERS
D-27	1384998.765	2232549.437	847.83	149+08.89	23.95 LT	RBC OTHERS
D-28	1385324.998	2232510.836	850.83	152+36.04	13.66 LT	RBC OTHERS
D-40	1385737.882	2232470.218	846.17	156+42.67	21.34 LT	RBC
D-41	1385313.520	2232517.905	851.30	152+23.40	8.97 LT	RBC
D-100	1385901.347	2232721.004	857.88	404+75.32	14.69 LT	PKNS(G)
D-101	1386236.306	2233134.918	861.00	502+09.16	23.83 LT	PKNS(G)

CURVE *34
 PI Sta = 5000+56.53
 N = 1384532.18
 E = 2232735.33
 DELTA = 22° 30' 35"
 D = 114° 35' 29.61"
 T = 9.95
 L = 19.64
 R = 50.00
 E = 0.98

CURVE *35
 PI Sta = 5001+14.53
 N = 1384571.24
 E = 2232692.10
 DELTA = 22° 25' 23"
 D = 23° 52' 23.67"
 T = 47.57
 L = 93.93
 R = 240.00
 E = 4.67

CURVE *36
 PI Sta = 5002+35.61
 N = 1384681.65
 E = 2232639.51
 DELTA = 13° 30' 09"
 D = 9° 32' 57.47"
 T = 71.03
 L = 141.40
 R = 600.00
 E = 4.19

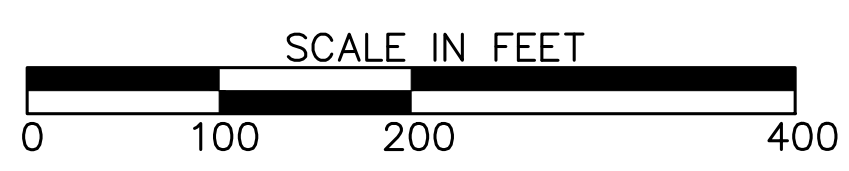
CURVE *37
 PI Sta = 5005+52.49
 N = 1384992.29
 E = 2232573.67
 DELTA = 3° 55' 46"
 D = 8° 11' 06.40"
 T = 24.01
 L = 48.01
 R = 700.00
 E = 0.41



PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---F---
CONSTRUCTION LIMITS	---G---
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	[Hatched Box]
TEMPORARY EASEMENT FOR CONST. OF SLOPES	[Cross-hatched Box]
TEMPORARY EASEMENT FOR CONST. OF DRIVES	[Diagonal-hatched Box]

Atlanta BeltLine
 ATLANTA BELTLINE, INC.
 100 PEACHTREE STREET, NW
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 ATLANTA, GA 30303
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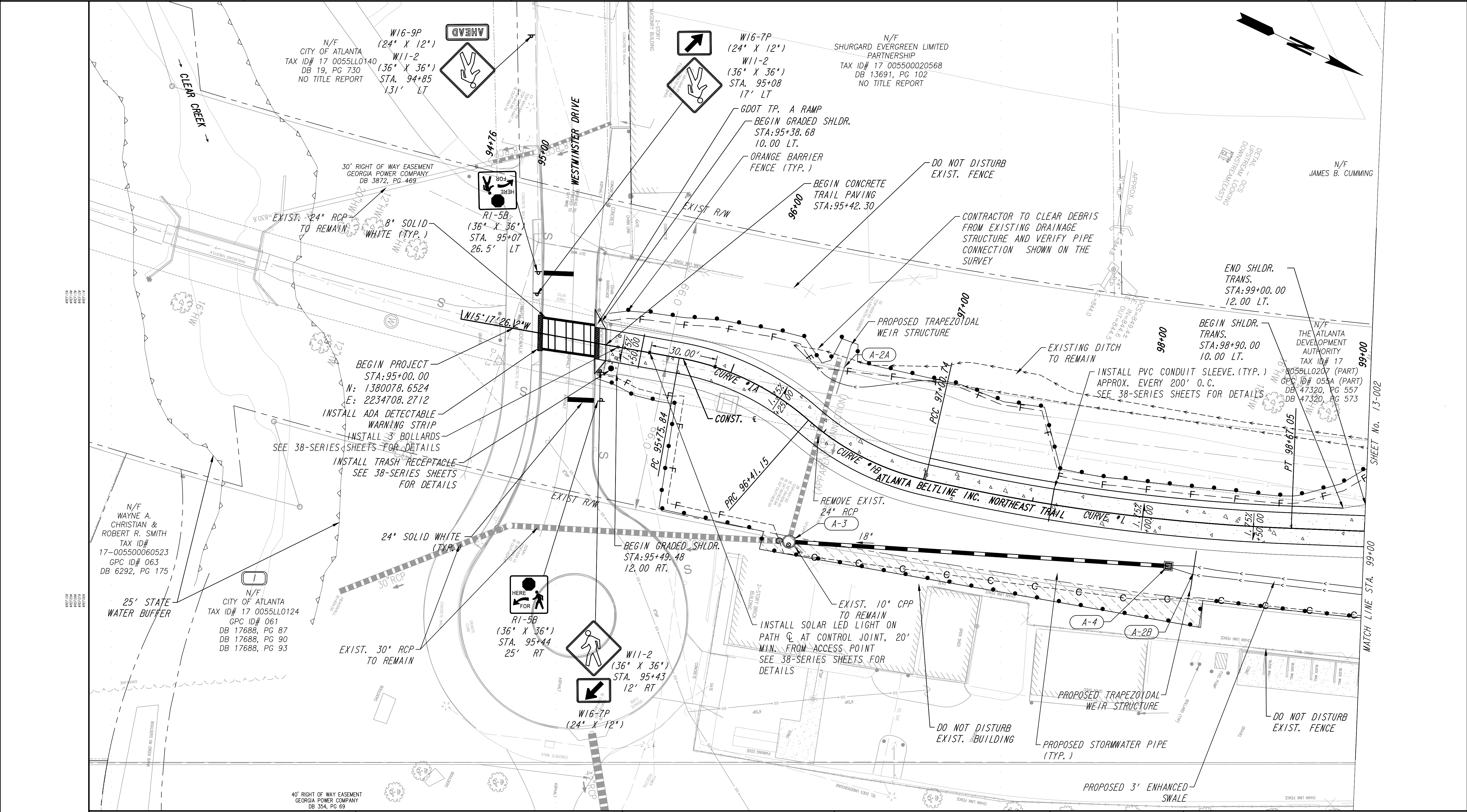
Kimley»Horn
 KIMLEY-HORN AND ASSOCIATES, INC.
 THE BILTMORE, SUITE 601
 817 WEST PEACHTREE STREET, NW
 ATLANTA, GEORGIA 30308
 TEL: (404) 419-8700



REVISION DATES	

CONSTRUCTION LAYOUT
 ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	11-003
CORRECTED:	DATE:	
VERIFIED:	DATE:	



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

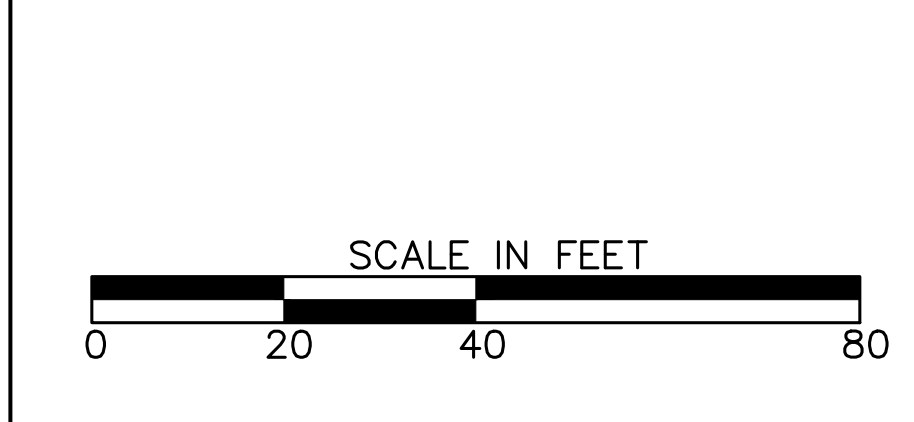
<p>40' RIGHT OF WAY EASEMENT GEORGIA POWER COMPANY DB 354, PG 69</p>	<p>30' RIGHT OF WAY EASEMENT GEORGIA POWER COMPANY DB 3872, PG 469</p>	<p>30' STATE WATER BUFFER</p>
--	--	-------------------------------

Atlanta BeltLine

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Kimley»Horn

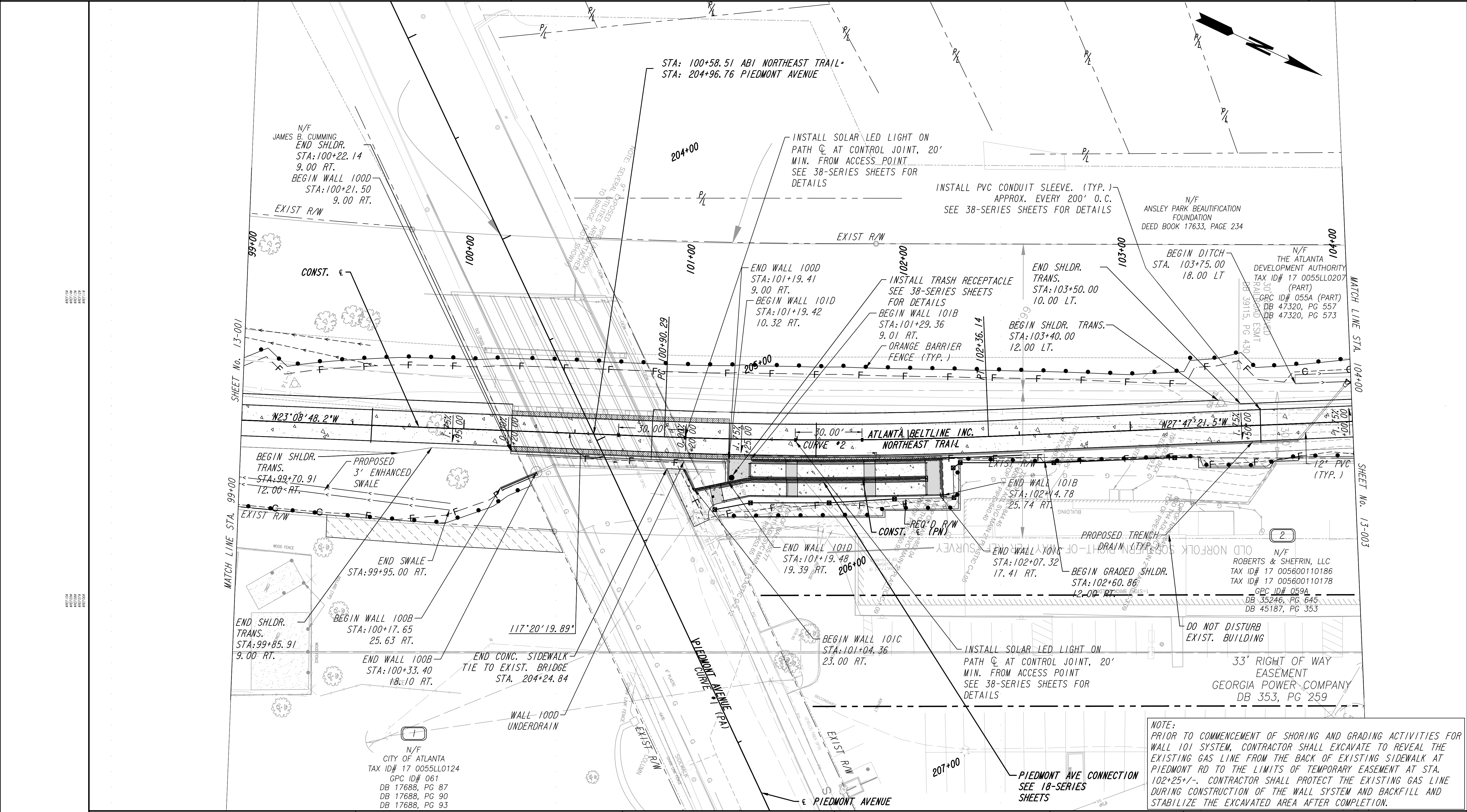
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700



REVISION DATES	
12/17/21	

CONSTRUCTION PLAN
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-001
CORRECTED:	DATE:	
VERIFIED:	DATE:	

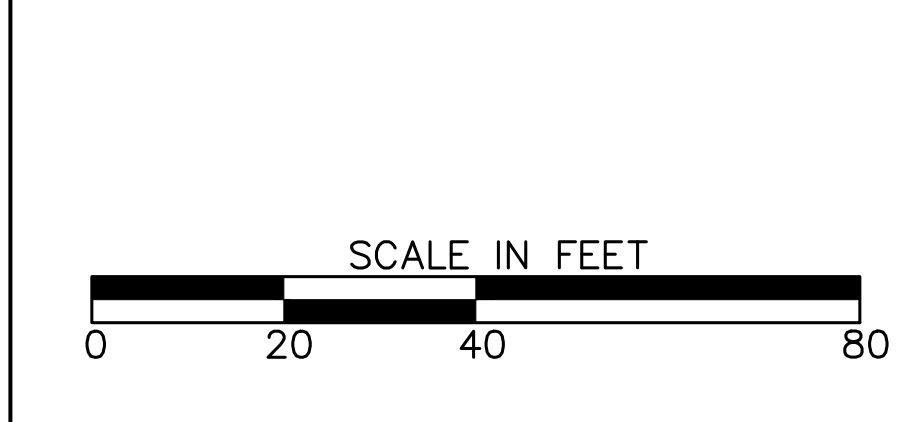


PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	▨
TEMPORARY EASEMENT FOR CONST. OF SLOPES	▨
TEMPORARY EASEMENT FOR CONST. OF DRIVES	▨

N/F
CITY OF ATLANTA
TAX ID# 17 0055L0124
GPC ID# 061
DB 17688, PG 87
DB 17688, PG 90
DB 17688, PG 93

Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

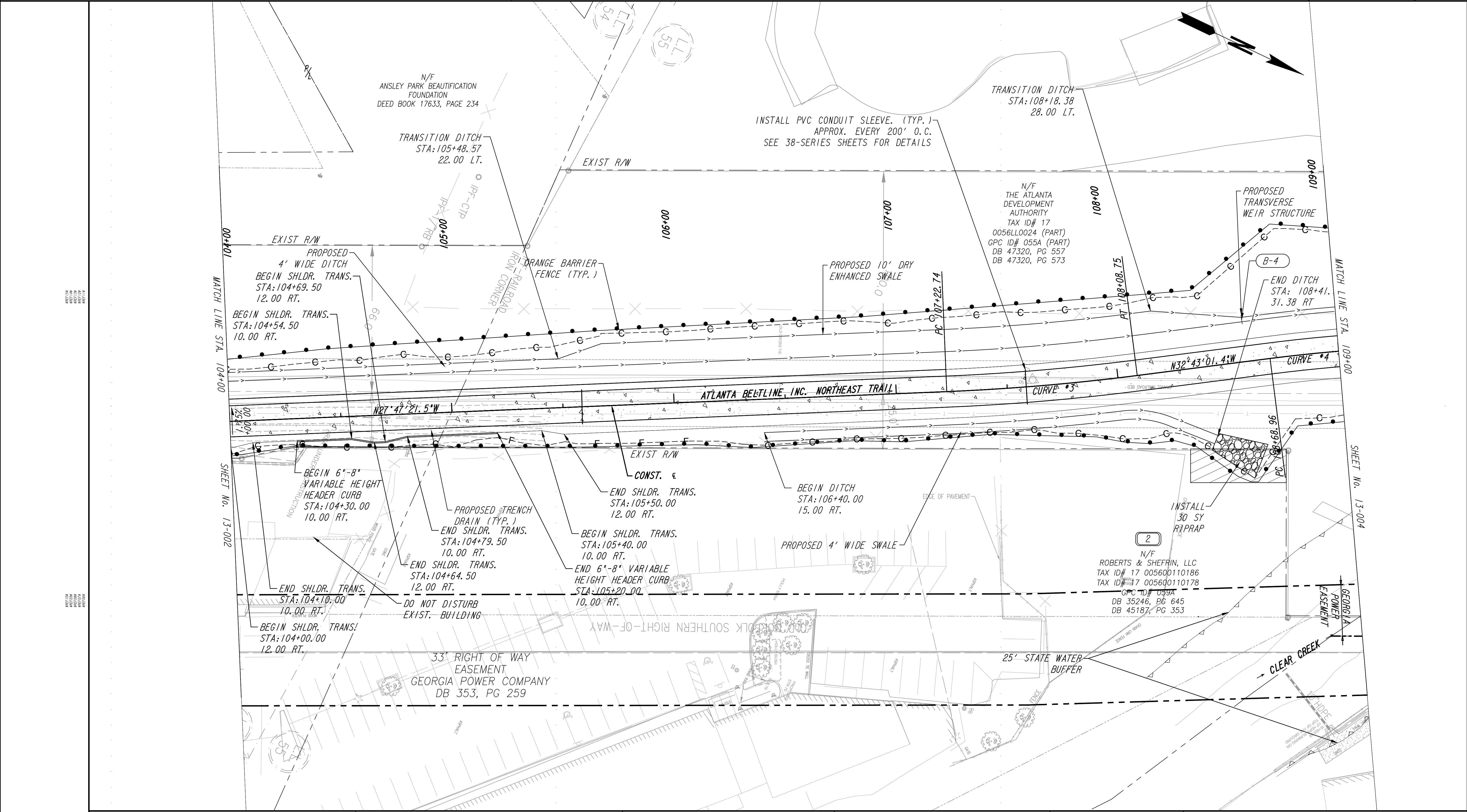
Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700



REVISION DATES	
12/17/21	

CONSTRUCTION PLAN
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-002
CORRECTED:	DATE:	
VERIFIED:	DATE:	

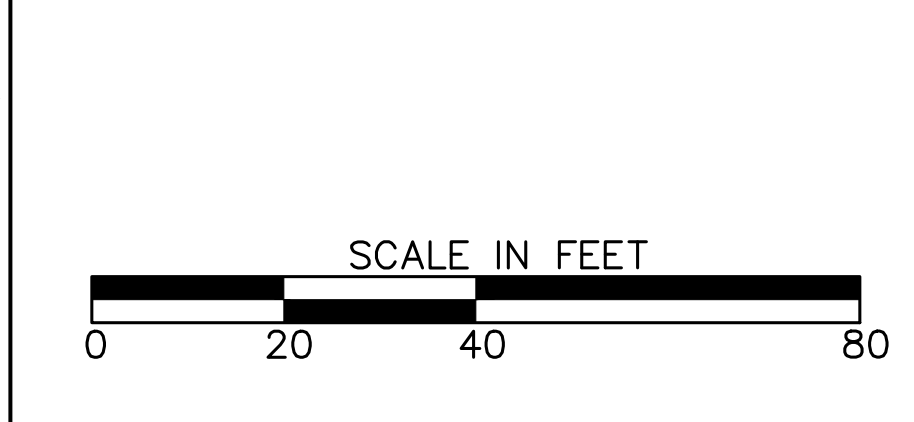


PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

REVISION NO.	DATE	DESCRIPTION

Atlanta BeltLine
 ATLANTA BELTLINE, INC.
 100 PEACHTREE STREET, NW
 SUITE 2300
 ATLANTA, GA 30303
 TEL: (404) 477-3003
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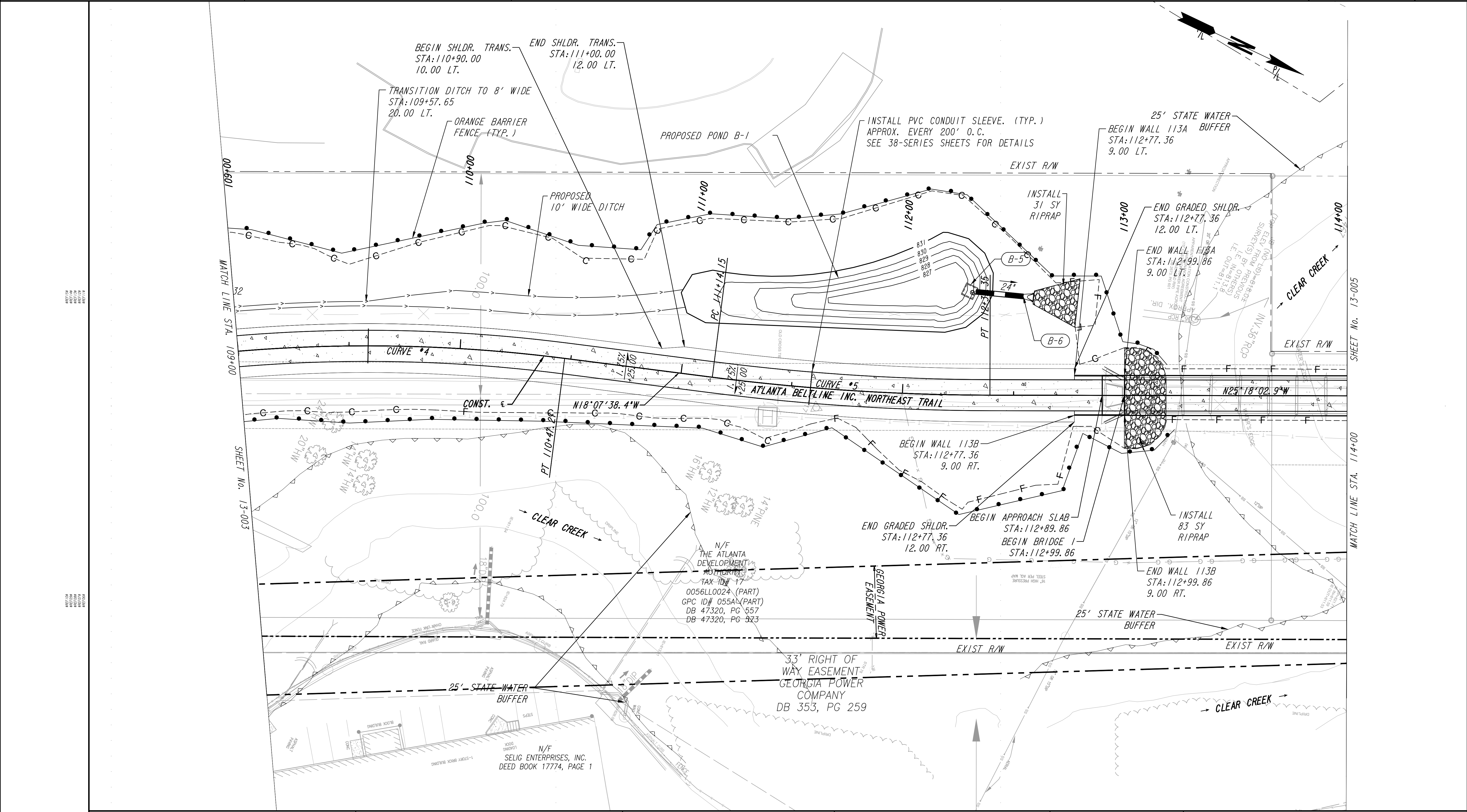
Kimley»Horn
 KIMLEY-HORN AND ASSOCIATES, INC.
 THE BILTMORE, SUITE 601
 817 WEST PEACHTREE STREET, NW
 ATLANTA, GEORGIA 30308
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BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

CONSTRUCTION PLAN
 ATLANTA BELTLINE NORTHEAST TRAIL

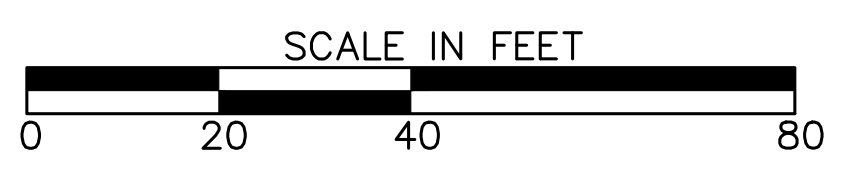
DRAWING No. **13-003**



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

Atlanta BeltLine
 ATLANTA BELTLINE, INC.
 100 PEACHTREE STREET, NW
 SUITE 2300
 ATLANTA, GA 30303
 TEL: (404) 477-3003
 FAX: (404) 477-3606

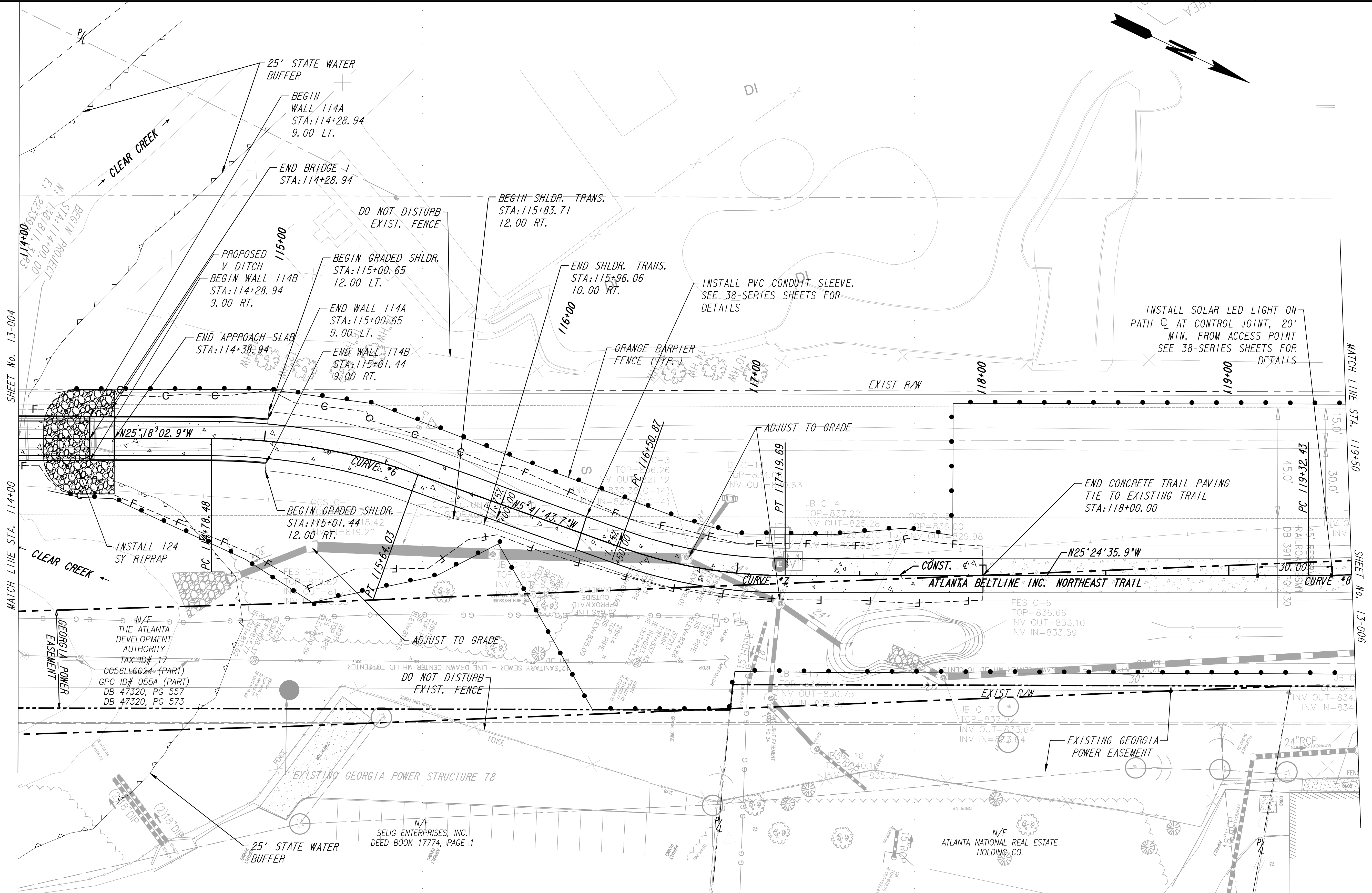
Kimley»Horn
 KIMLEY-HORN AND ASSOCIATES, INC.
 THE BILTMORE, SUITE 601
 817 WEST PEACHTREE STREET, NW
 ATLANTA, GEORGIA 30308
 TEL: (404) 419-8700



REVISION DATES	

CONSTRUCTION PLAN
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 13-004
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



SHEET No. 13-004
MATCH LINE STA. 114+00

MATCH LINE STA. 119+50
SHEET No. 13-006

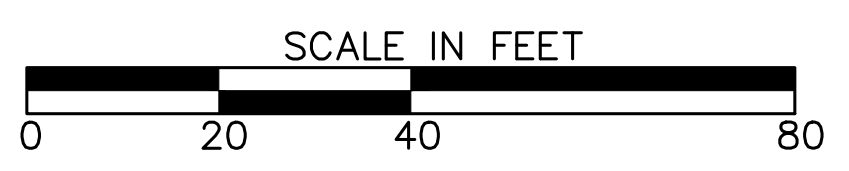
PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
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TEMPORARY EASEMENT FOR CONST. OF SLOPES	
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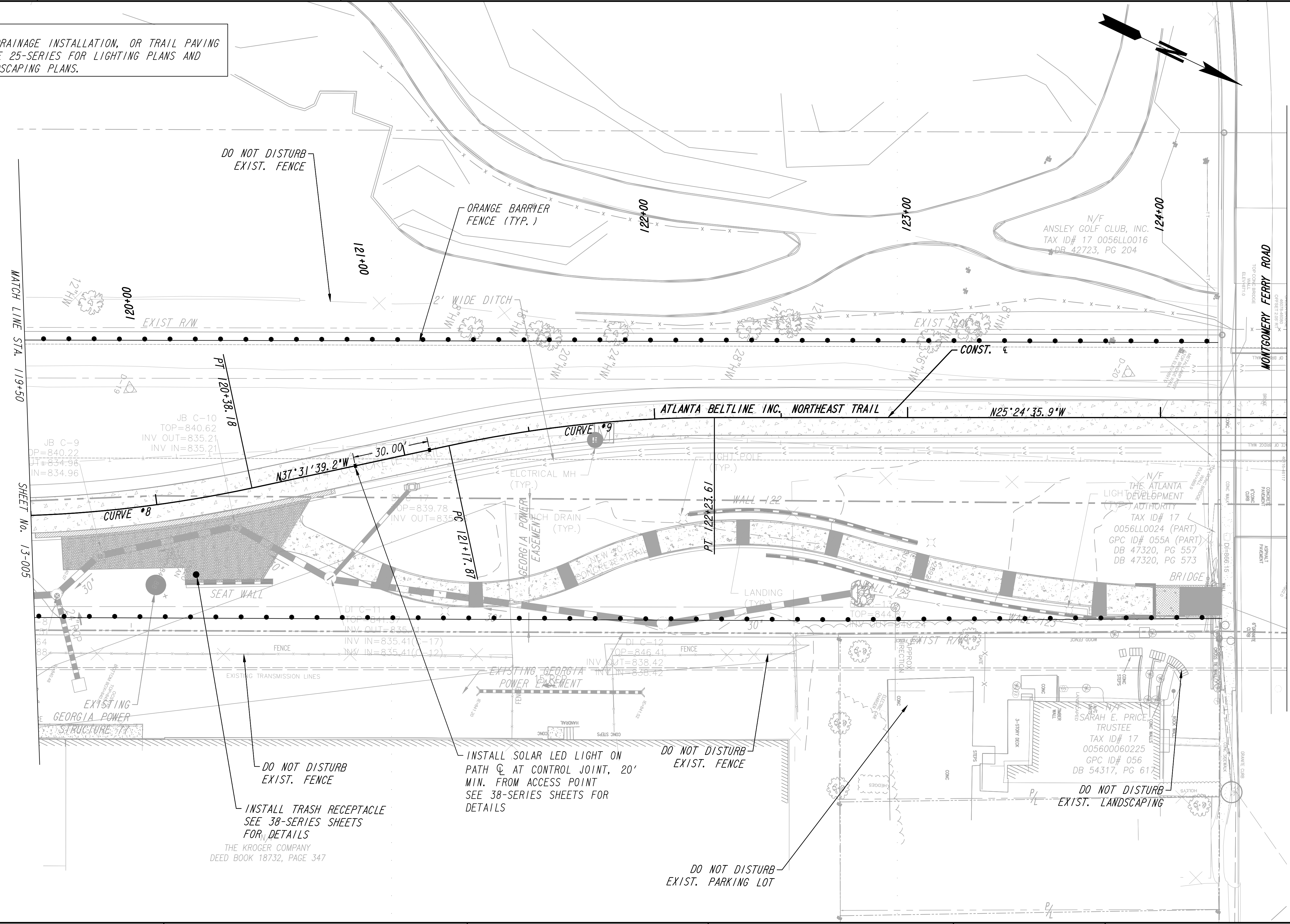


REVISION DATES	

CONSTRUCTION PLAN
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 13-005
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

NOTE:
 NO MASS-GRADING, DRAINAGE INSTALLATION, OR TRAIL PAVING
 ON THIS SHEET. SEE 25-SERIES FOR LIGHTING PLANS AND
 29-SERIES FOR LANDSCAPING PLANS.



MATCH LINE STA. 119+50
SHEET No. 13-005

MONTGOMERY FERRY ROAD
MATCH LINE STA. 124+50
SHEET No. 13-007

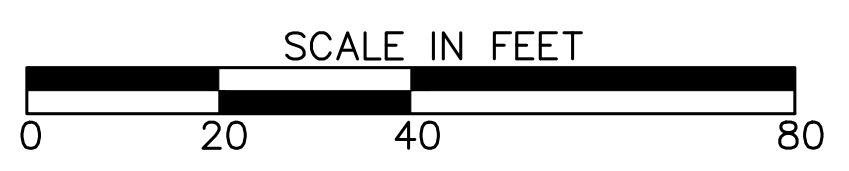
PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
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TEMPORARY EASEMENT FOR CONST. OF SLOPES	
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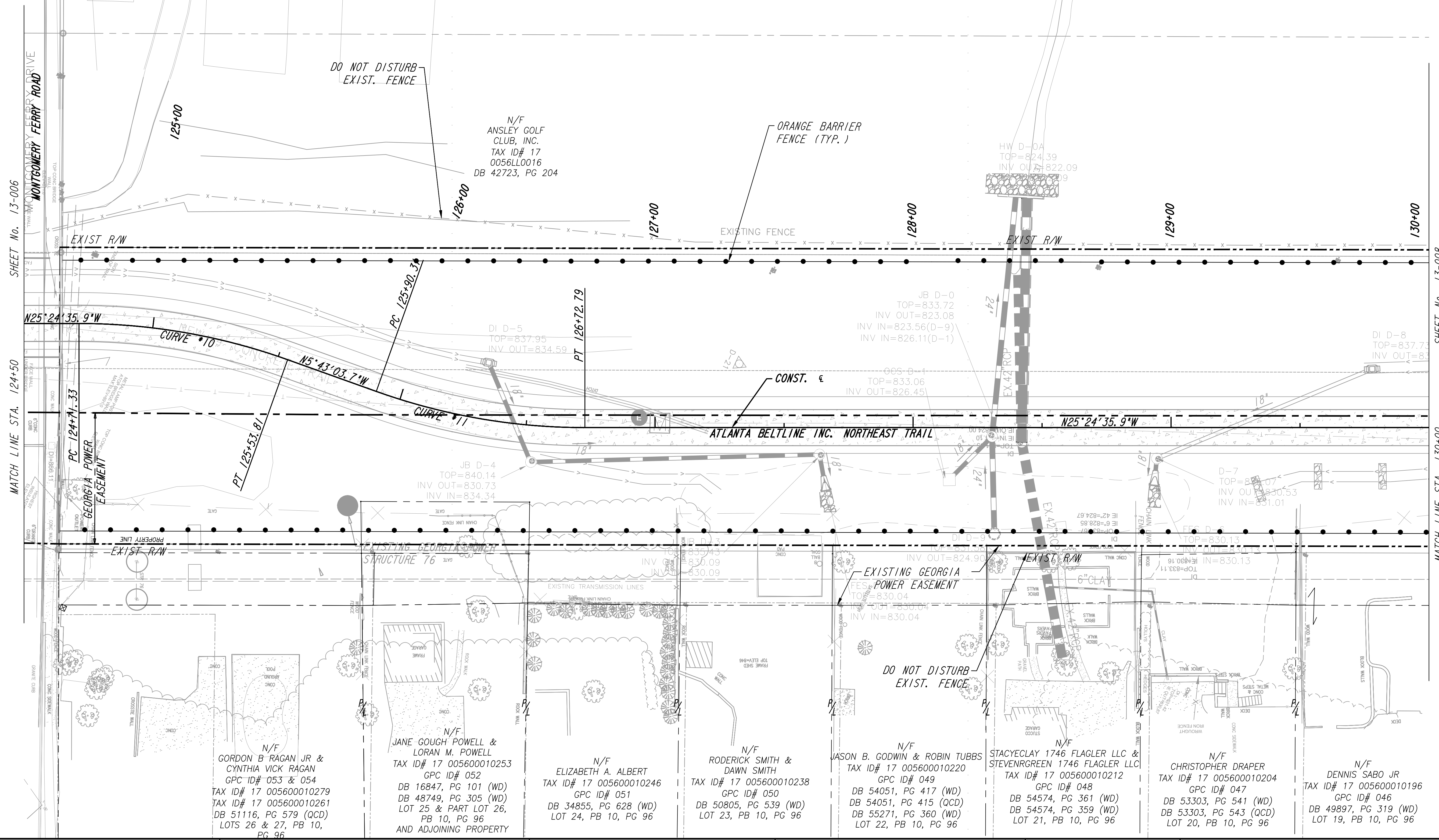
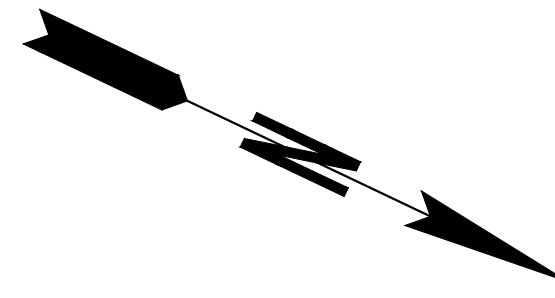


REVISION DATES	

CONSTRUCTION PLAN
 ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-006
CORRECTED:	DATE:	
VERIFIED:	DATE:	

NOTE:
 NO MASS-GRADING, DRAINAGE INSTALLATION, OR TRAIL PAVING
 ON THIS SHEET. SEE 25-SERIES FOR LIGHTING PLANS AND
 29-SERIES FOR LANDSCAPING PLANS.



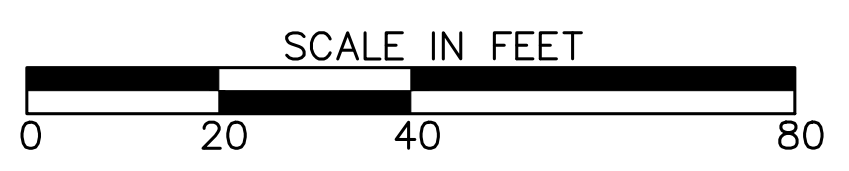
SHEET No. 13-006
 MATCH LINE STA. 124+50
 MONTGOMERY FERRY ROAD
 GEORGIA POWER EASEMENT
 PC 124+71.33
 CURVE *10
 N25°24'35.9"W
 PC 125+90.37
 CURVE *11
 N5°43'03.7"W
 PT 125+53.81
 PT 126+72.79
 EXIST. R/W
 PROPERTY LINE
 EXISTING GEORGIA POWER STRUCTURE 76
 EXISTING TRANSMISSION LINES
 EXISTING GEORGIA POWER EASEMENT
 DO NOT DISTURB EXIST. FENCE
 ATLANTA BELTLINE INC. NORTHEAST TRAIL
 N25°24'35.9"W
 EXIST. R/W
 MATCH LINE STA. 130+00

- N/F GORDON B RAGAN JR & CYNTHIA VICK RAGAN
 GPC ID# 053 & 054
 TAX ID# 17 005600010279
 TAX ID# 17 005600010261
 DB 51116, PG 579 (QCD)
 LOTS 26 & 27, PB 10, PG 96
- N/F JANE GOUGH POWELL & LORAN M. POWELL
 TAX ID# 17 005600010253
 GPC ID# 052
 DB 16847, PG 101 (WD)
 DB 48749, PG 305 (WD)
 LOT 25 & PART LOT 26,
 PB 10, PG 96
 AND ADJOINING PROPERTY
- N/F ELIZABETH A. ALBERT
 TAX ID# 17 005600010246
 GPC ID# 051
 DB 34855, PG 628 (WD)
 LOT 24, PB 10, PG 96
- N/F RODERICK SMITH & DAWN SMITH
 TAX ID# 17 005600010238
 GPC ID# 050
 DB 50805, PG 539 (WD)
 LOT 23, PB 10, PG 96
- N/F JASON B. GODWIN & ROBIN TUBBS
 TAX ID# 17 005600010220
 GPC ID# 049
 DB 54051, PG 417 (WD)
 DB 54051, PG 415 (QCD)
 DB 55271, PG 360 (WD)
 LOT 22, PB 10, PG 96
- N/F STACYCLAY 1746 FLAGLER LLC & STEVENGREEN 1746 FLAGLER LLC
 TAX ID# 17 005600010212
 GPC ID# 048
 DB 54574, PG 361 (WD)
 DB 54574, PG 359 (WD)
 LOT 21, PB 10, PG 96
- N/F CHRISTOPHER DRAPER
 TAX ID# 17 005600010204
 GPC ID# 047
 DB 53303, PG 541 (WD)
 DB 53303, PG 543 (QCD)
 LOT 20, PB 10, PG 96
- N/F DENNIS SABO JR
 TAX ID# 17 005600010196
 GPC ID# 046
 DB 49897, PG 319 (WD)
 LOT 19, PB 10, PG 96

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
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TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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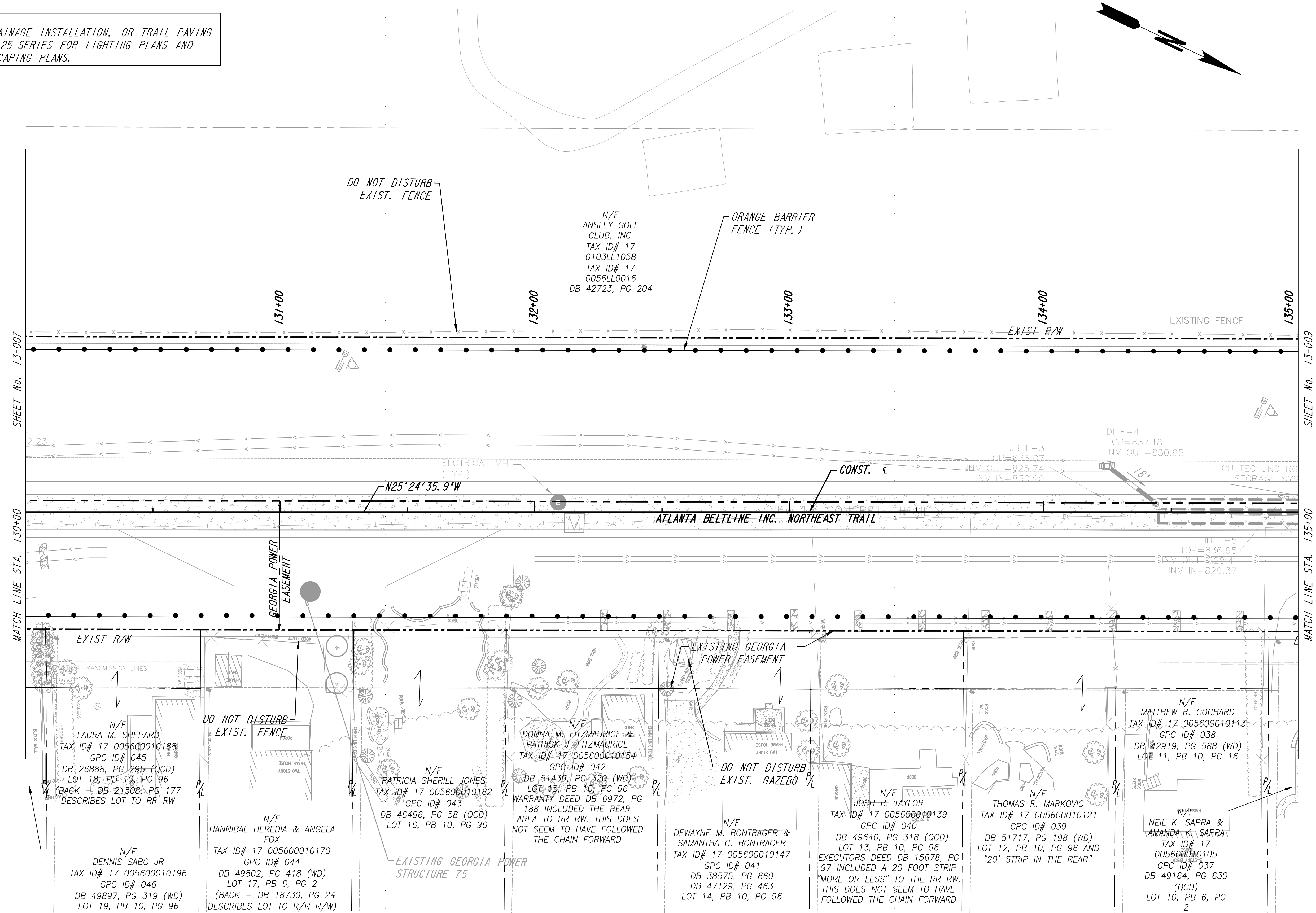
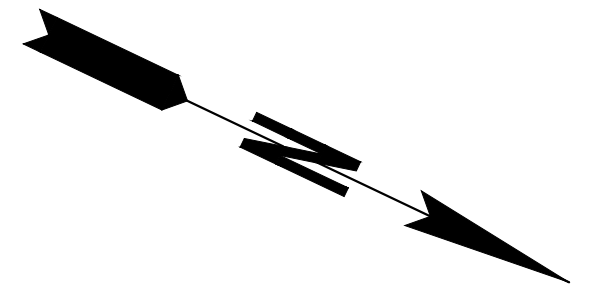


REVISION DATES	

CONSTRUCTION PLAN
 ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 13-007
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

NOTE:
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 29-SERIES FOR LANDSCAPING PLANS.



SHEET No. 13-007

SHEET No. 13-009

MATCH LINE STA. 130+00

MATCH LINE STA. 135+00

EXIST R/W
 TRANSMISSION LINES
 N/F LAURA M. SHEPARD
 TAX ID# 17 005600010188
 GPC ID# 045
 DB 26888, PG 295 (QCD)
 LOT 18, PB 10, PG 96
 (BACK - DB 21508, PG 177
 DESCRIBES LOT TO RR RW

DO NOT DISTURB EXIST. FENCE
 N/F HANNIBAL HEREDIA & ANGELA FOX
 TAX ID# 17 005600010170
 GPC ID# 044
 DB 49802, PG 418 (WD)
 LOT 17, PB 6, PG 2
 (BACK - DB 18730, PG 24
 DESCRIBES LOT TO R/R R/W)

EXISTING GEORGIA POWER STRUCTURE 75
 N/F PATRICIA SHERILL JONES
 TAX ID# 17 005600010162
 GPC ID# 043
 DB 46496, PG 58 (QCD)
 LOT 16, PB 10, PG 96

EXISTING GEORGIA POWER EASEMENT
 N/F DONNA M. FITZMAURICE & PATRICK J. FITZMAURICE
 TAX ID# 17 005600010154
 GPC ID# 042
 DB 51439, PG 320 (WD)
 LOT 15, PB 10, PG 96
 WARRANTY DEED DB 6972, PG 188 INCLUDED THE REAR AREA TO RR RW. THIS DOES NOT SEEM TO HAVE FOLLOWED THE CHAIN FORWARD

DO NOT DISTURB EXIST. GAZEBO
 N/F DEWAYNE M. BONTRAGER & SAMANTHA C. BONTRAGER
 TAX ID# 17 005600010147
 GPC ID# 041
 DB 38575, PG 660
 DB 47129, PG 463
 LOT 14, PB 10, PG 96

N/F JOSH B. TAYLOR
 TAX ID# 17 005600010139
 GPC ID# 040
 DB 49640, PG 318 (QCD)
 LOT 13, PB 10, PG 96
 EXECUTORS DEED DB 15678, PG 97 INCLUDED A 20 FOOT STRIP "MORE OR LESS" TO THE RR RW. THIS DOES NOT SEEM TO HAVE FOLLOWED THE CHAIN FORWARD

N/F THOMAS R. MARKOVIC
 TAX ID# 17 005600010121
 GPC ID# 039
 DB 51717, PG 198 (WD)
 LOT 12, PB 10, PG 96 AND "20' STRIP IN THE REAR"

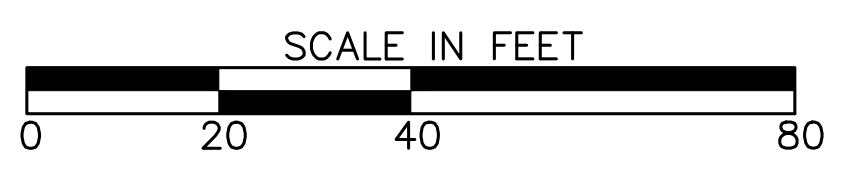
N/F MATTHEW R. COCHARD
 TAX ID# 17 005600010113
 GPC ID# 038
 DB 2919, PG 588 (WD)
 LOT 11, PB 10, PG 16

N/F NEIL K. SAPRA & AMANDA K. SAPRA
 TAX ID# 17 005600010105
 GPC ID# 037
 DB 49164, PG 630 (QCD)
 LOT 10, PB 6, PG 2

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
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TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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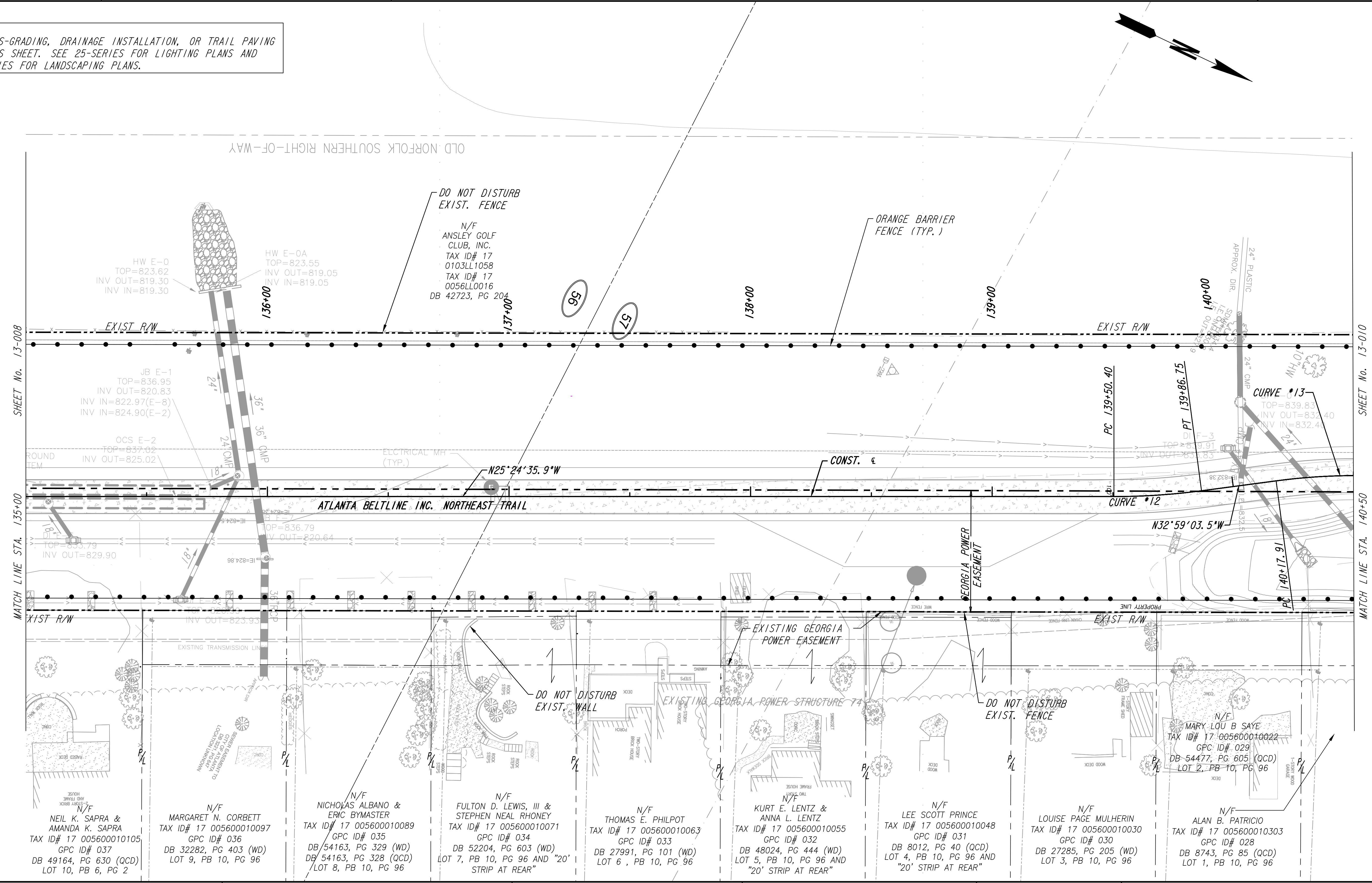


REVISION DATES	

CONSTRUCTION PLAN
 ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 13-008
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

NOTE:
 NO MASS-GRADING, DRAINAGE INSTALLATION, OR TRAIL PAVING
 ON THIS SHEET. SEE 25-SERIES FOR LIGHTING PLANS AND
 29-SERIES FOR LANDSCAPING PLANS.



SHEET No. 13-008
MATCH LINE STA. 135+00

SHEET No. 13-010
MATCH LINE STA. 140+50

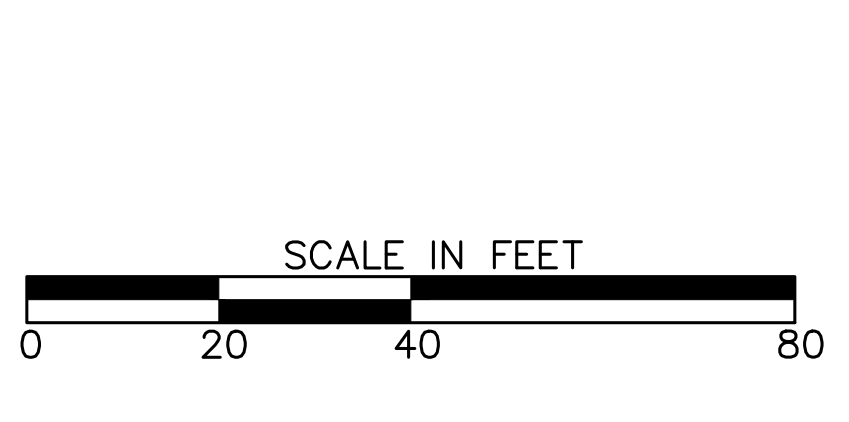
PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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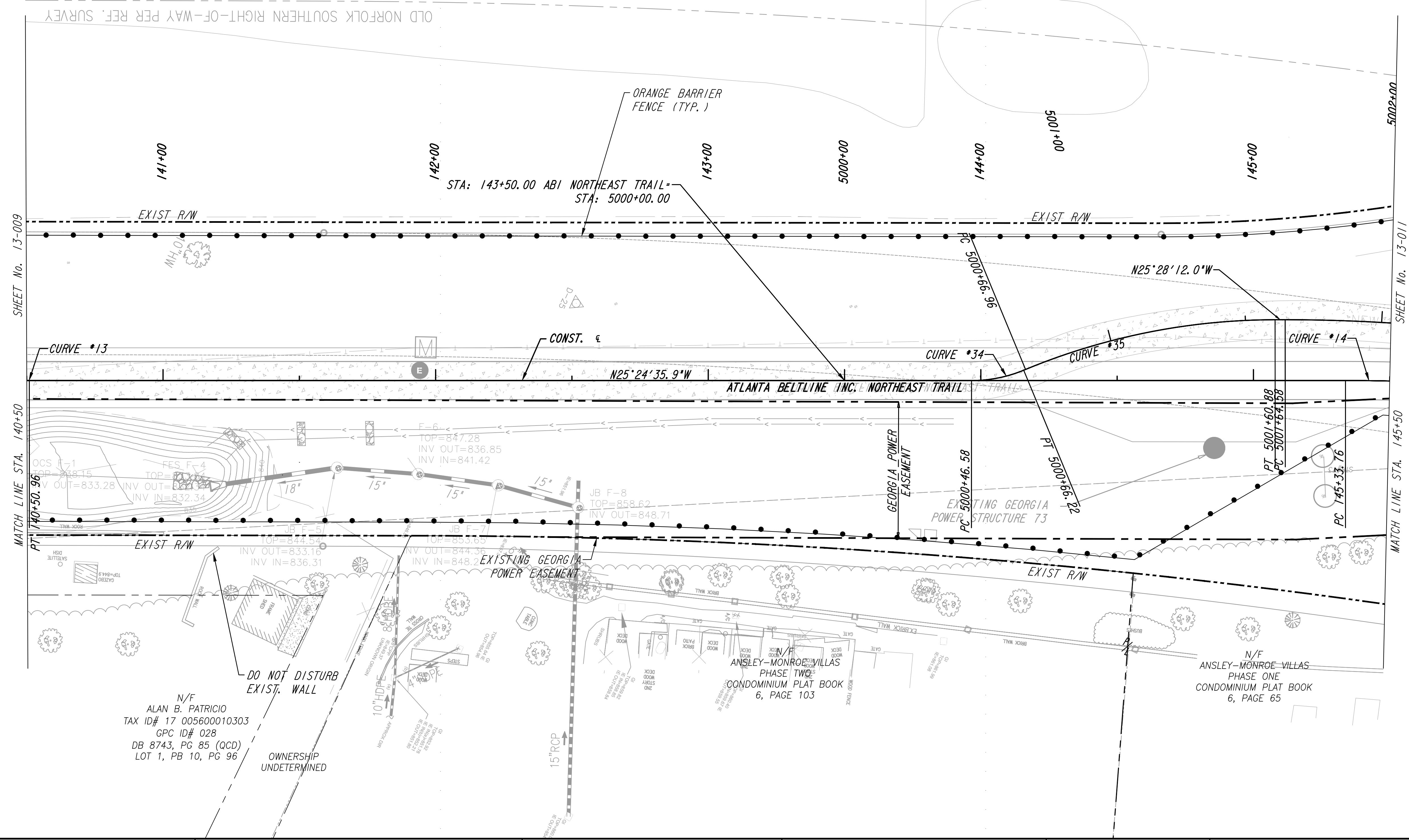
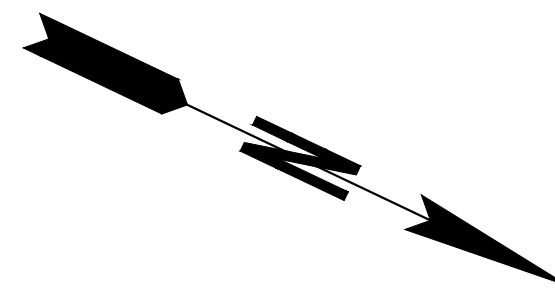


REVISION DATES	

CONSTRUCTION PLAN
ATLANTA BELTLINE NORTHEAST TRAIL

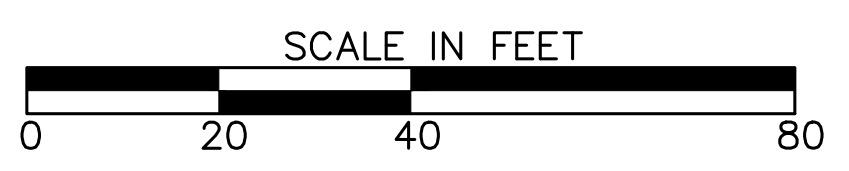
CHECKED:	DATE:	DRAWING No. 13-009
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

NOTE:
 NO MASS-GRADING, DRAINAGE INSTALLATION, OR TRAIL PAVING
 ON THIS SHEET. SEE 25-SERIES FOR LIGHTING PLANS AND
 29-SERIES FOR LANDSCAPING PLANS.



PROPERTY AND EXISTING R/W LINE ——— F ———
 REQUIRED R/W LINE ——— G ——— F ———
 CONSTRUCTION LIMITS ——— G ——— F ———
 PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES [diagonal hatching]
 TEMPORARY EASEMENT FOR CONST. OF SLOPES [cross-hatching]
 TEMPORARY EASEMENT FOR CONST. OF DRIVES [cross-hatching]

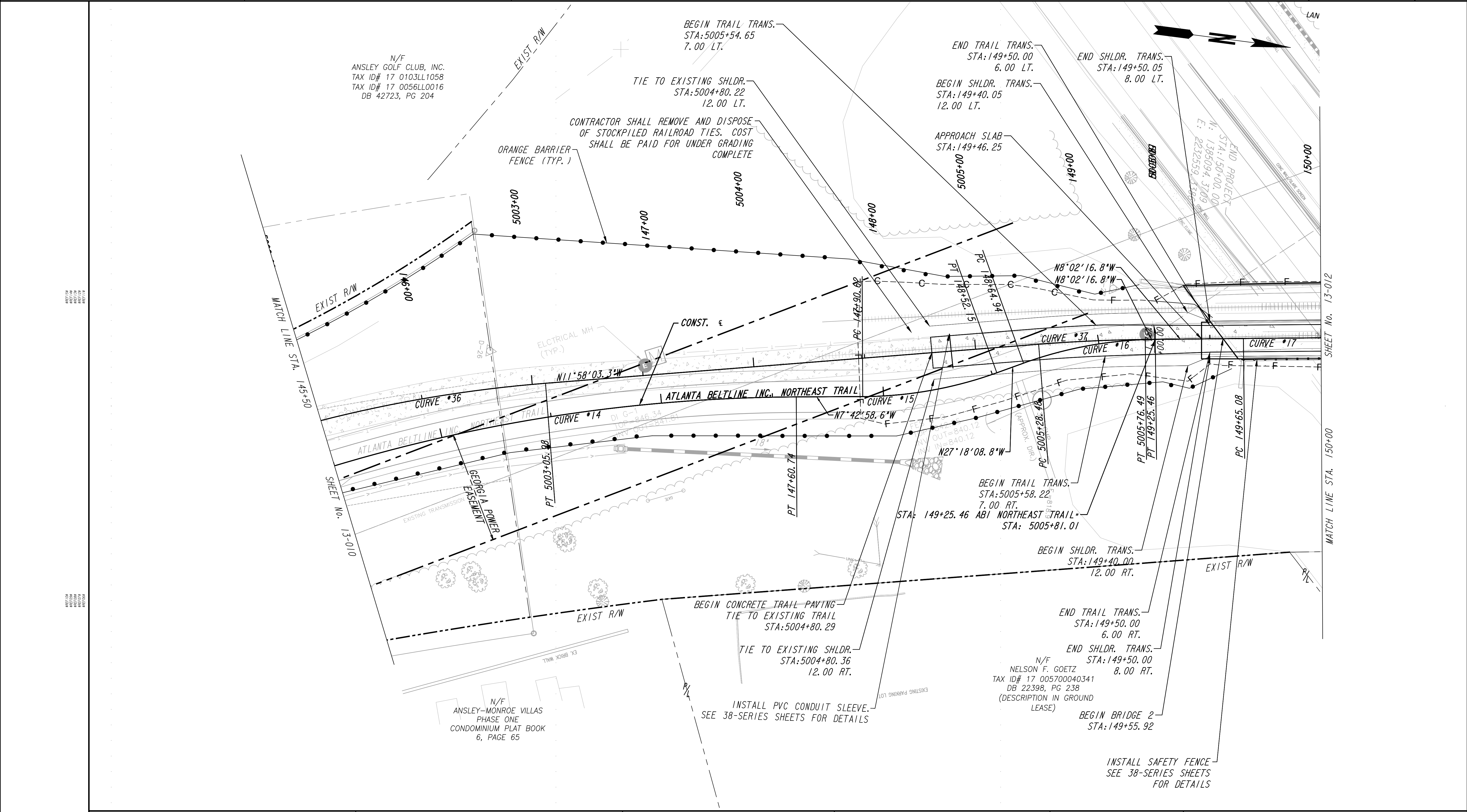
Atlanta BeltLine **Kimley»Horn**
 ATLANTA BELTLINE, INC.
 100 PEACHTREE STREET, NW
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REVISION DATES	

CONSTRUCTION PLAN
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VERIFIED:	DATE:	

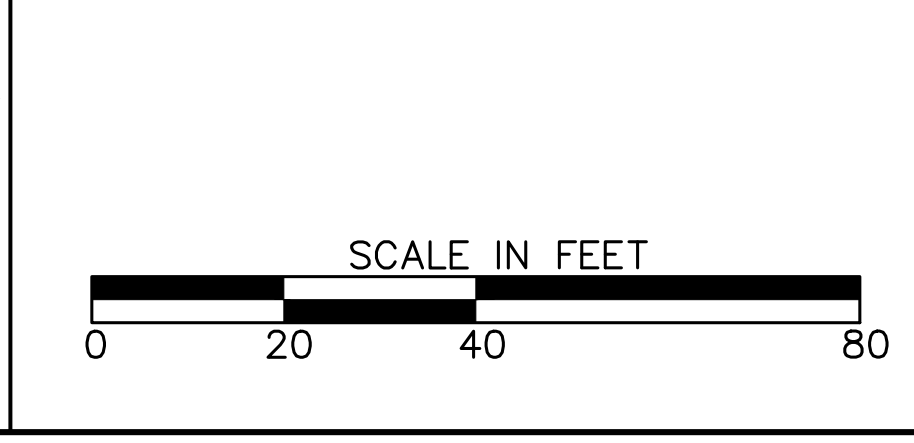


PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

10/23/2015	N/F ANSLEY GOLF CLUB, INC. TAX ID# 17 0103LL1058 TAX ID# 17 0056LL0016 DB 42723, PG 204
N/F ANSLEY-MONROE VILLAS PHASE ONE CONDOMINIUM PLAT BOOK 6, PAGE 65	N/F NELSON F. GOETZ TAX ID# 17 005700040341 DB 22398, PG 238 (DESCRIPTION IN GROUND LEASE)

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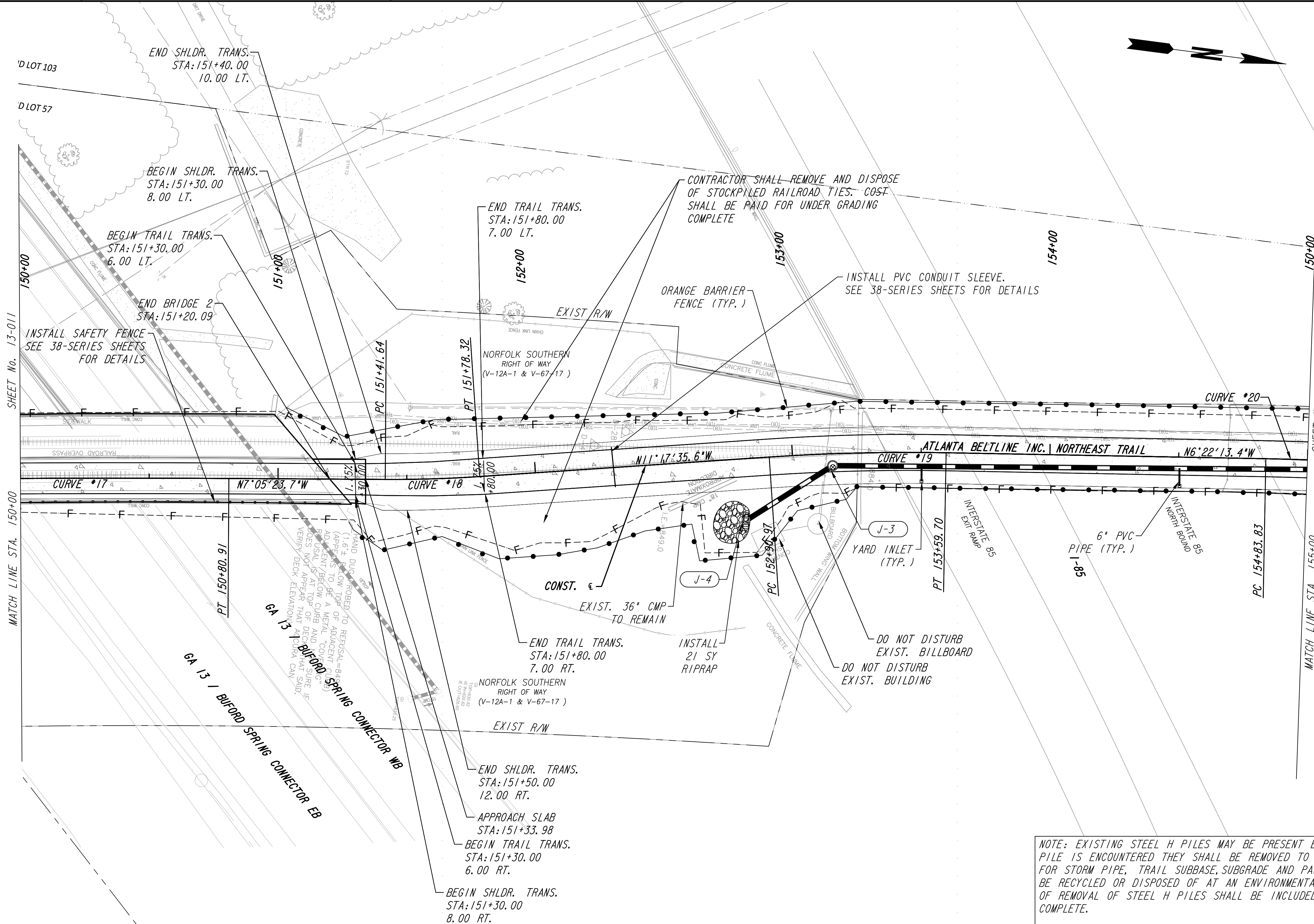
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REVISION DATES	

CONSTRUCTION PLAN
 ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 13-011
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

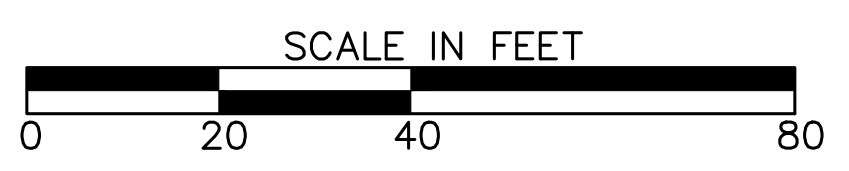


NOTE: EXISTING STEEL H PILES MAY BE PRESENT BENEATH GRADE. IF STEEL H PILE IS ENCOUNTERED THEY SHALL BE REMOVED TO THE LIMITS OF CONSTRUCTION FOR STORM PIPE, TRAIL SUBBASE, SUBGRADE AND PAVING. STEEL REMNANTS SHALL BE RECYCLED OR DISPOSED OF AT AN ENVIRONMENTALLY APPROVED FACILITY. COST OF REMOVAL OF STEEL H PILES SHALL BE INCLUDED IN PRICE BID FOR GRADING COMPLETE.

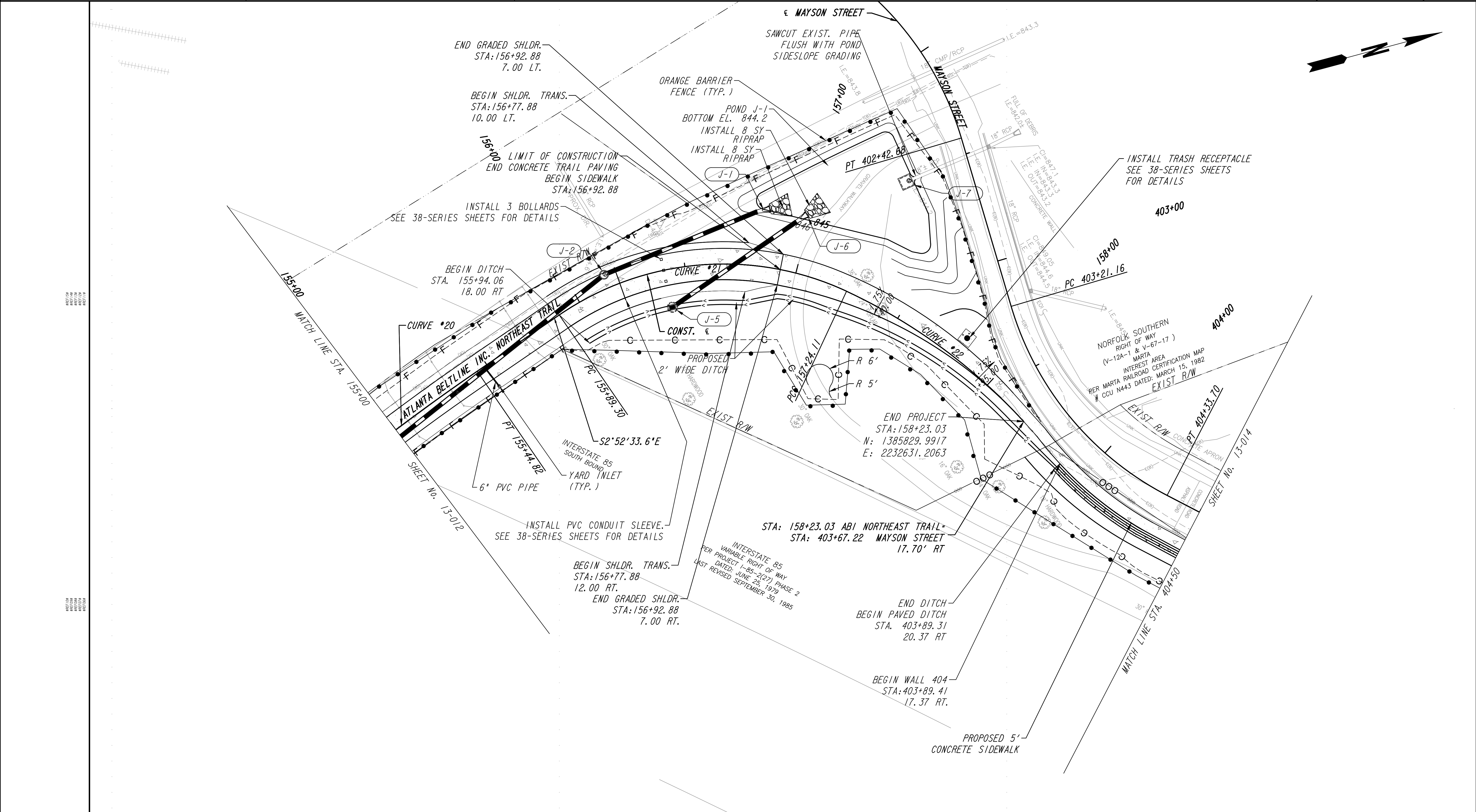
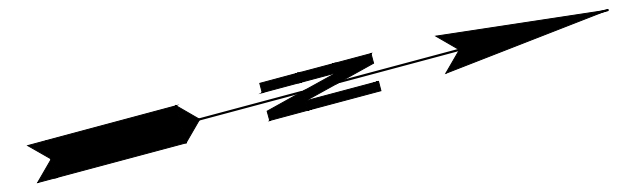
PROPERTY AND EXISTING R/W LINE	
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REVISION DATES		CONSTRUCTION PLAN	
		ATLANTA BELTLINE NORTHEAST TRAIL	
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	13-012	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



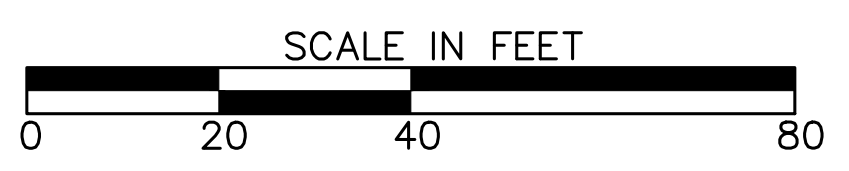
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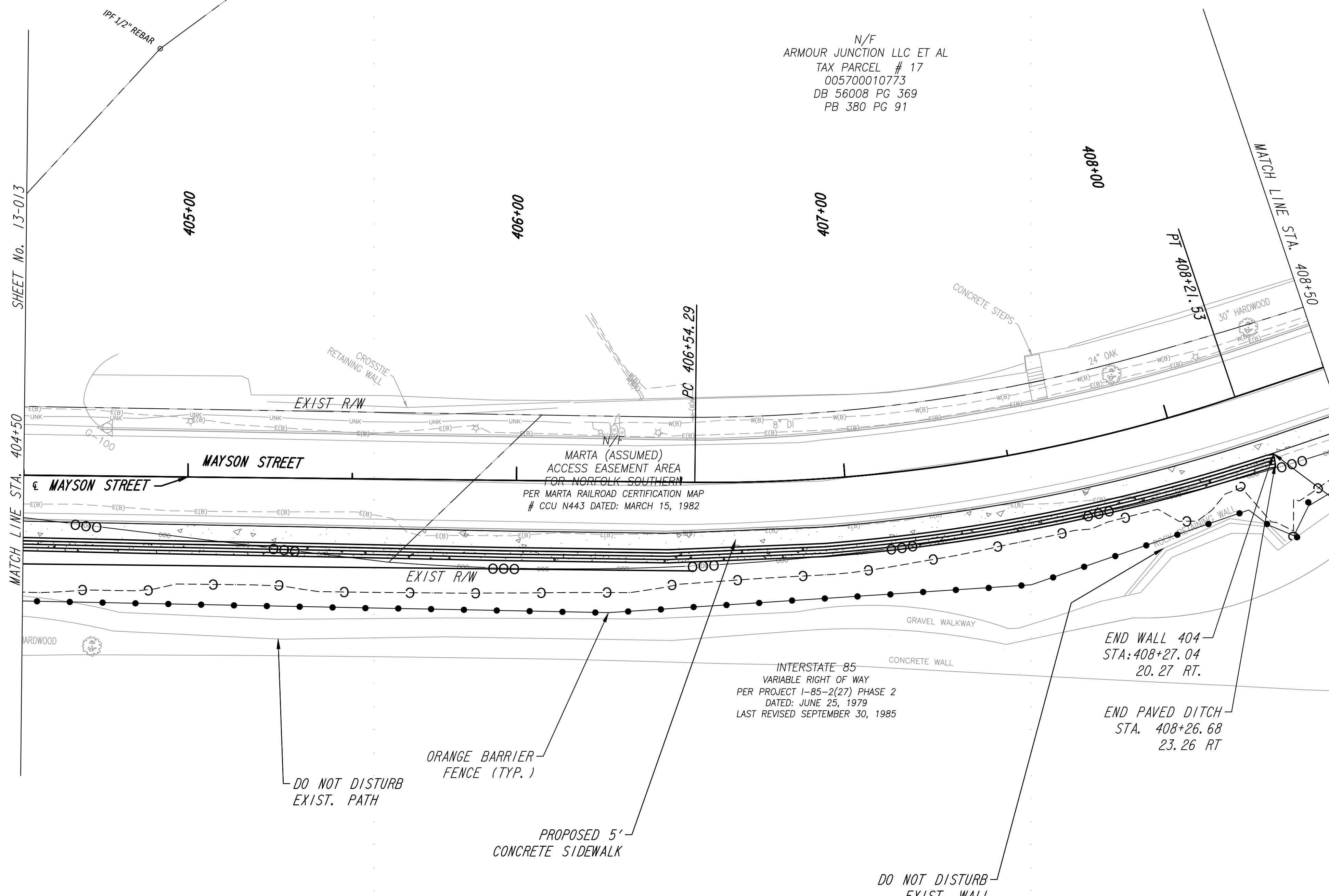
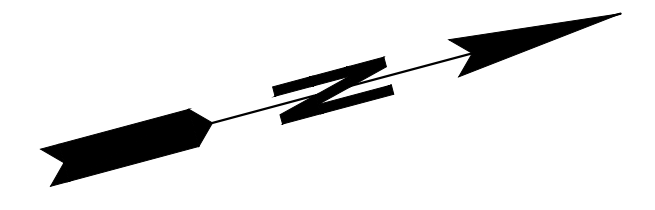
KIMLEY-HORN AND ASSOCIATES, INC.
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 817 WEST PEACHTREE STREET, NW
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REVISION DATES	
12/17/21	

CONSTRUCTION PLAN
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-013
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 404+50 SHEET No. 13-013

MATCH LINE STA. 408+50 SHEET No. 13-015

N/F
 ARMOUR JUNCTION LLC ET AL
 TAX PARCEL # 17
 005700010773
 DB 56008 PG 369
 PB 380 PG 91

MARTA (ASSUMED)
 ACCESS EASEMENT AREA
 FOR NORFOLK SOUTHERN
 PER MARTA RAILROAD CERTIFICATION MAP
 # CCU N443 DATED: MARCH 15, 1982

INTERSTATE-85
 VARIABLE RIGHT OF WAY
 PER PROJECT I-85-2(27) PHASE 2
 DATED: JUNE 25, 1979
 LAST REVISED SEPTEMBER 30, 1985

END WALL 404
 STA: 408+27.04
 20.27 RT.

END PAVED DITCH
 STA. 408+26.68
 23.26 RT

DO NOT DISTURB
 EXIST. PATH

ORANGE BARRIER
 FENCE (TYP.)

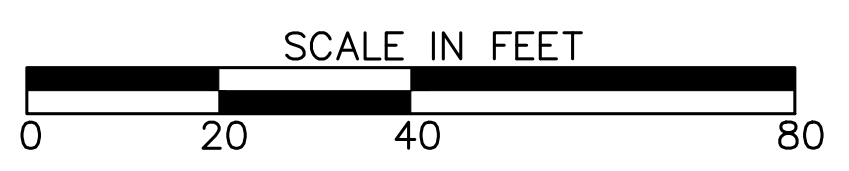
PROPOSED 5'
 CONCRETE SIDEWALK

DO NOT DISTURB
 EXIST. WALL

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
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 ATLANTA, GEORGIA 30308
 TEL: (404) 419-8700



REVISION DATES	

CONSTRUCTION PLAN
 ATLANTA BELTLINE NORTHEAST TRAIL

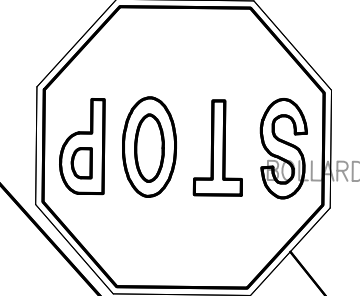
CHECKED:	DATE:
BACKCHECKED:	DATE:
CORRECTED:	DATE:
VERIFIED:	DATE:

DRAWING No.
13-014

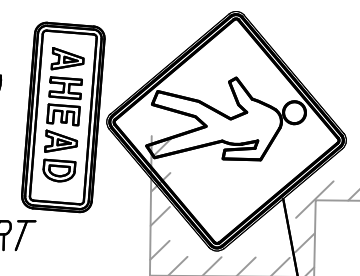
STA: 501+85.54 PLASTERS AVENUE
STA: 409+82.10 MAYSON STREET

N/F
ARMOUR JUNCTION LLC ET AL
TAX PARCEL # 17
005700010815
DB 56008 PG 369

RI-1
(30" X 30")
STA. 501+78 LT

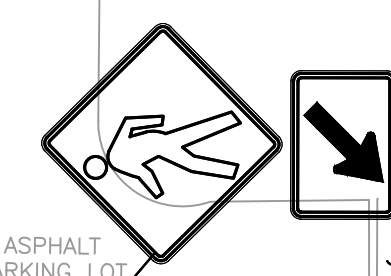


W16-9P
(24" X 12")
W11-2
(36" X 36")
STA. 501+05 RT



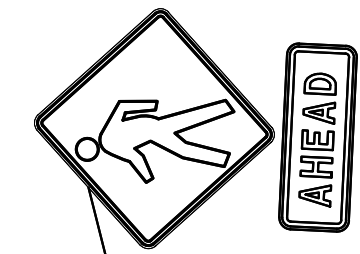
N/F
EPIC CXXX LLC
TAX PARCEL # 17
005700010872
DB 56008 PG 369
PB 380 PG 91

GDOT TP. B MOD. RAMP
8" SOLID WHITE
(TYP.)

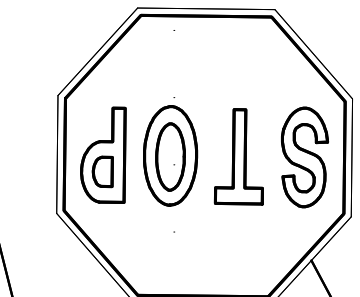


W16-7P
(24" X 12")
W11-2
(36" X 36")
STA. 502+24 LT

W16-9P
(24" X 12")
W11-2
(36" X 36")
STA. 503+69 LT



N/F
BURNS PARK REALTY LLC
TAX PARCEL # 17
005700010351
DB 35917, PG 612
PB 96 PG 46



RI-1
(30" X 30")
STA. 504+07 LT

24" SOLID WHITE
(TYP.)

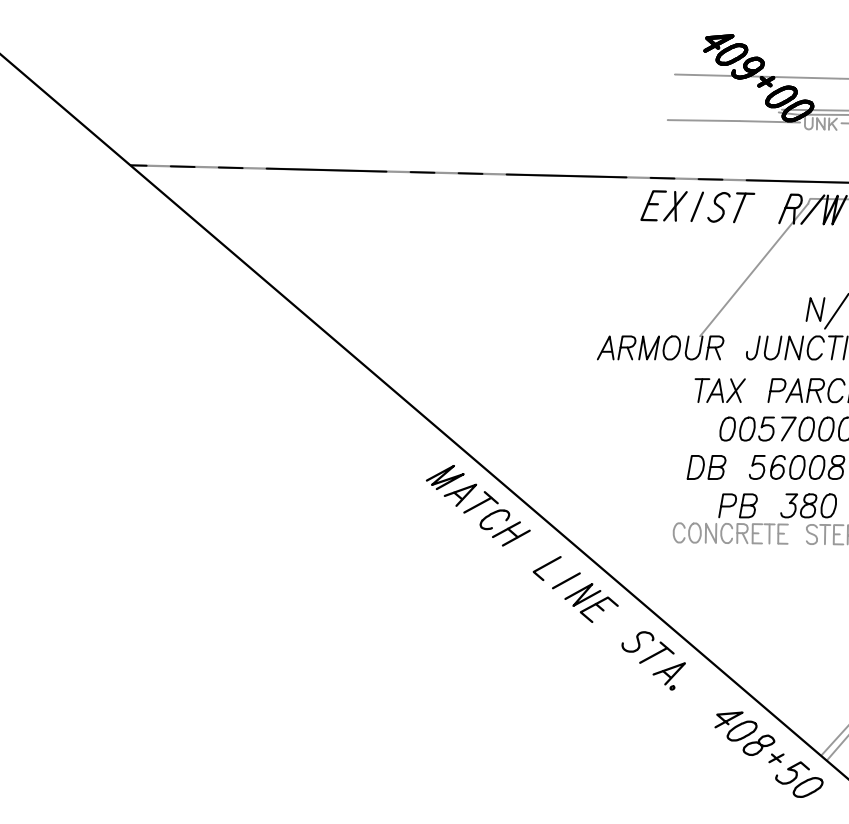
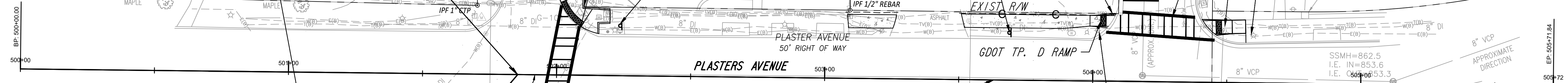
8" SOLID WHITE
(TYP.)

N/F
CWS ARMOUR LLC ET AL
TAX PARCEL # 17
005700010351
DB 53711 PG 176

GDOT TP. D RAMP

505+00

DO NOT DISTURB
EXIST. POLE RICK COLUMN



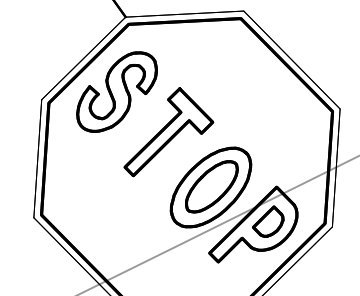
MATCH LINE STA. 408+50

SHEET No. 13-014

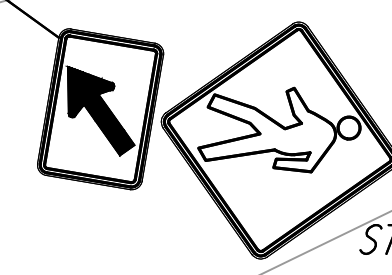
129°52'46.90"

ORANGE BARRIER
FENCE (TYP.)

REMOVE EXIST STAIRS
PROPOSED 5'
CONCRETE SIDEWALK



RI-1
(30" X 30")
STA. 409+58 RT



W16-7P
(24" X 12")
W11-2
(36" X 36")
STA. 501+99 RT

DO NOT DISTURB
EXIST. POLE

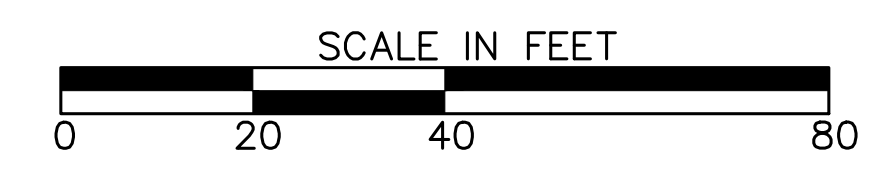
INTERSTATE 85
VARIABLE RIGHT OF WAY
PER PROJECT I-85-2(27) PHASE 2
DATED: JUNE 25, 1979
LAST REVISED SEPTEMBER 30, 1985

LIMIT OF CONSTRUCTION
STA: 504+60.00

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

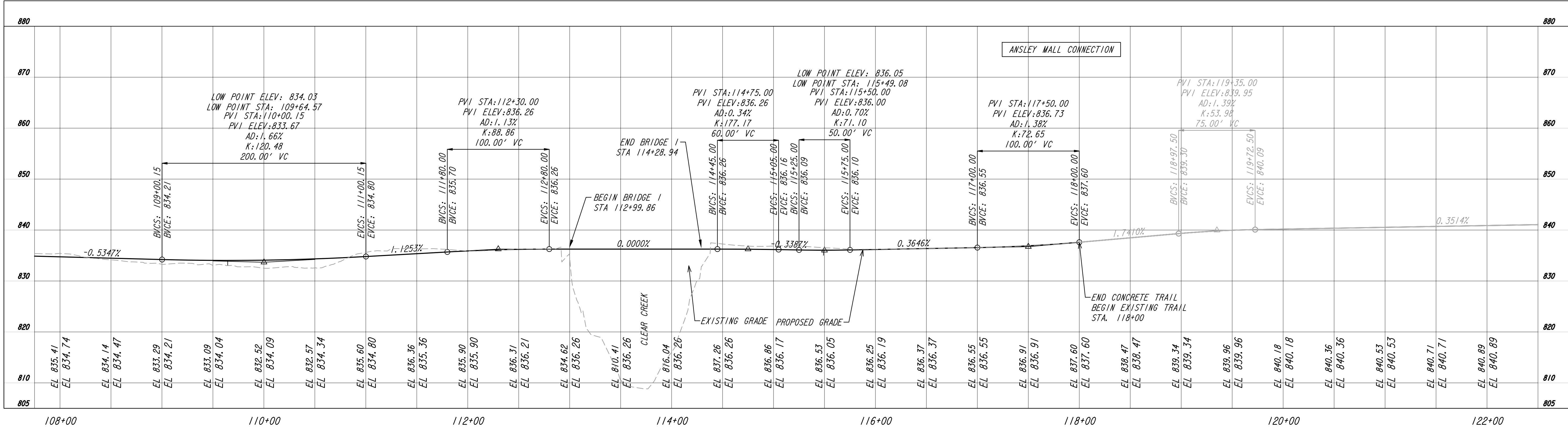
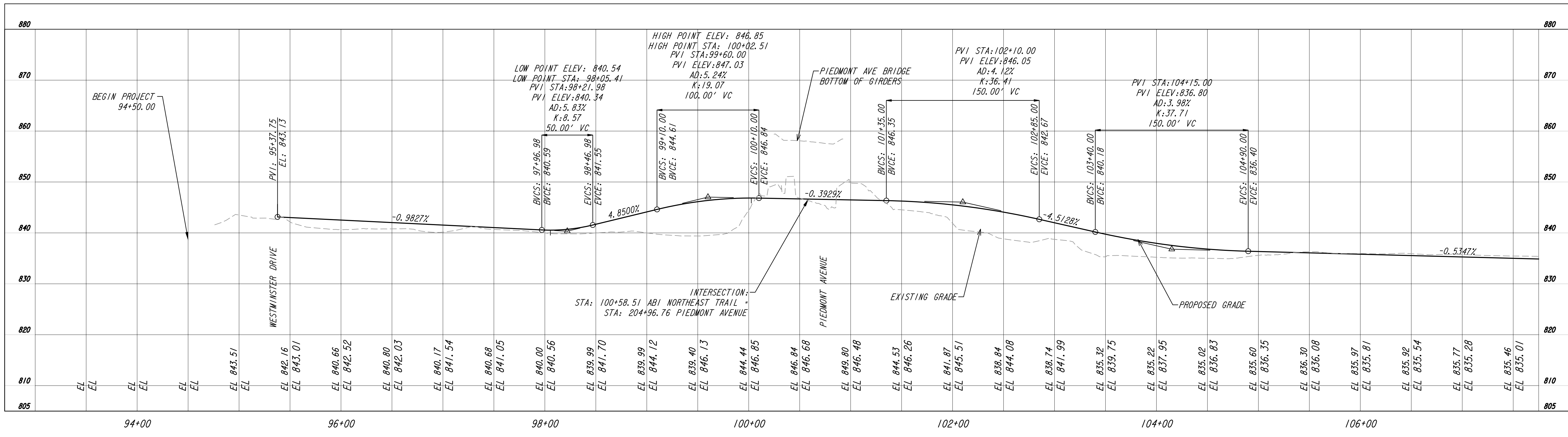
Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700



REVISION DATES	
12/17/21	

CONSTRUCTION PLAN
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	13-015
CORRECTED:	DATE:	
VERIFIED:	DATE:	



Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
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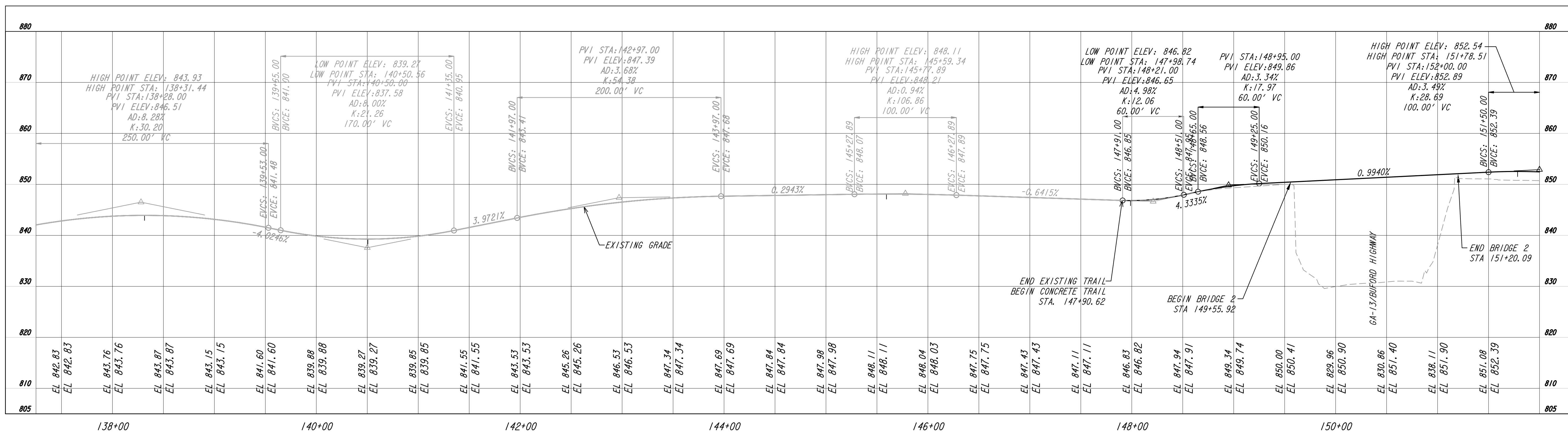
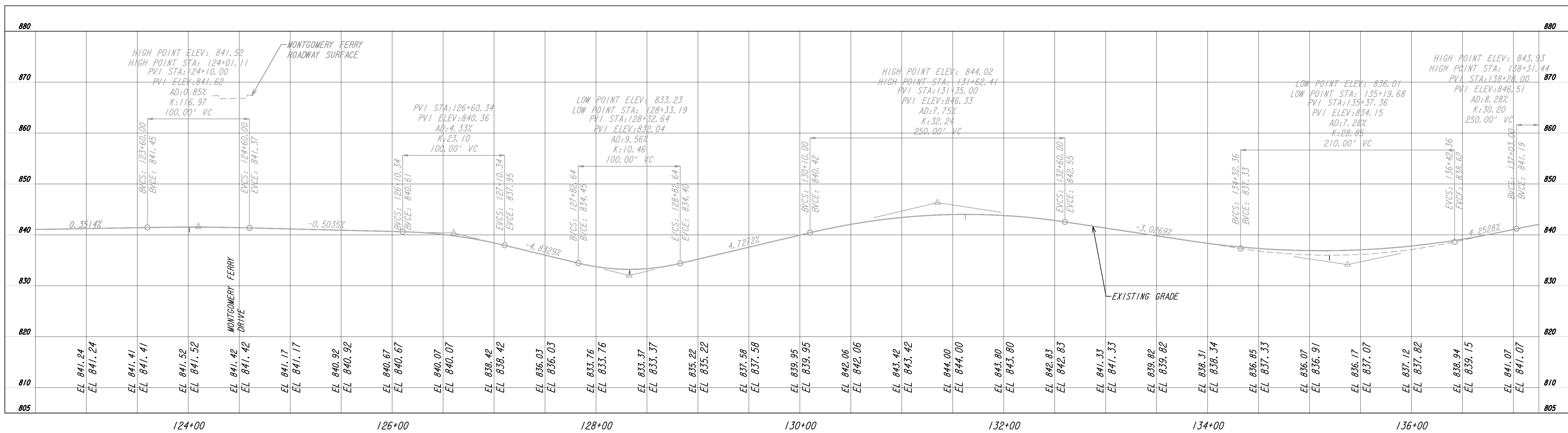
Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE: 1" = 50' HORIZ. 1" = 10' VERT.

REVISION DATES

MAINLINE PROFILE
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 15-001
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



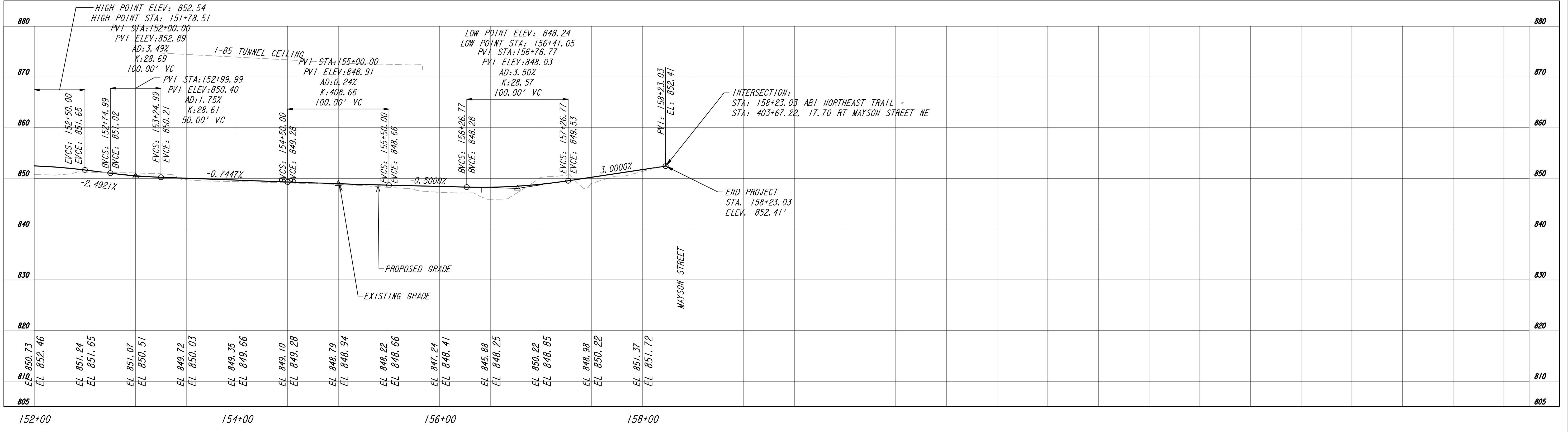
Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
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817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE: 1" = 50' HORIZ.
1" = 10' VERT.

REVISION DATES		DRAWING No.	
CHECKED:	DATE:	15-002	
BACKCHECKED:	DATE:		
CORRECTED:	DATE:		
VERIFIED:	DATE:		

MAINLINE PROFILE
ATLANTA BELTLINE NORTHEAST TRAIL



WEST OF
PROPOSED
RIGHT OF WAY
ELEVATION

WEST OF
PROPOSED
RIGHT OF WAY
ELEVATION

Atlanta BeltLine
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SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

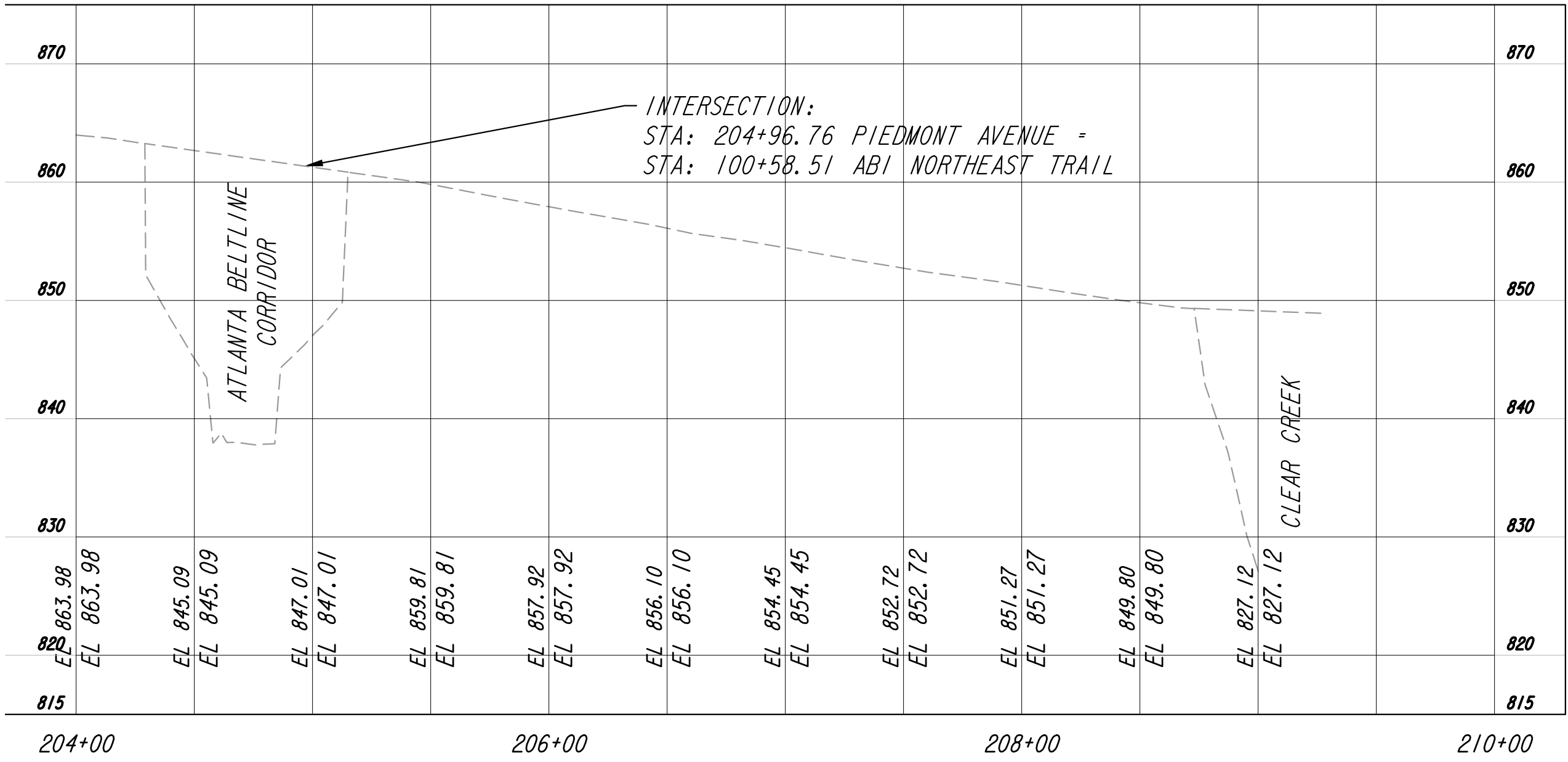
Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

SCALE: 1" = 50' HORIZ.
1" = 10' VERT.

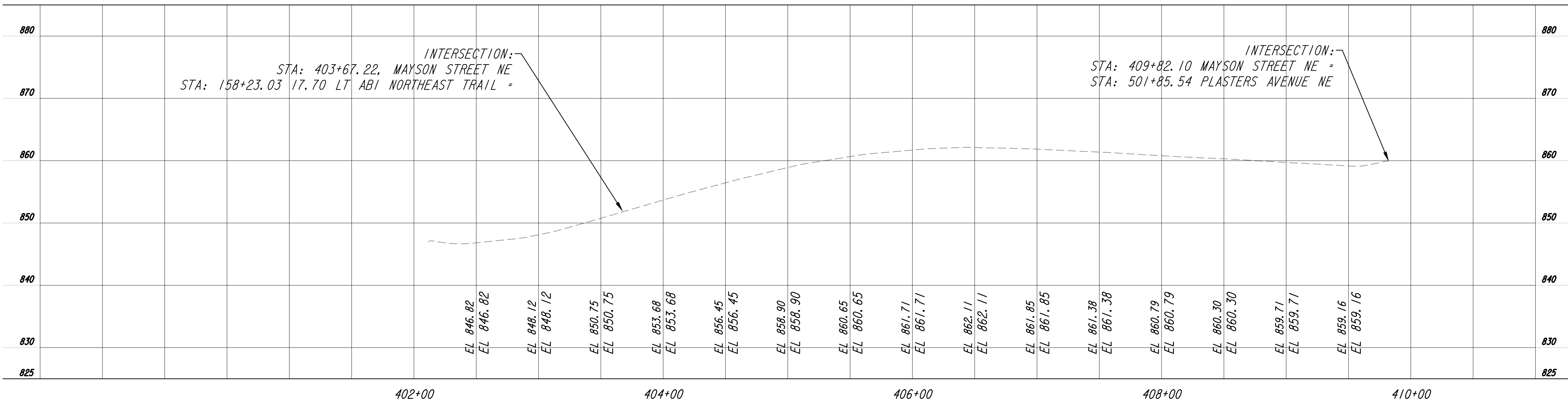
REVISION DATES		DRAWING No.	
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	15-003	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

MAINLINE PROFILE
ATLANTA BELTLINE NORTHEAST TRAIL

PIEDMONT AVENUE



MAYSON STREET



PREPARED BY: KKH
 CHECKED BY: KKH
 DATE: 12/15/21

PREPARED BY: KKH
 CHECKED BY: KKH
 DATE: 12/15/21

10/23/2015
 GPKLW
 PREPARED BY: KKH
 CHECKED BY: KKH
 DATE: 12/15/21

Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
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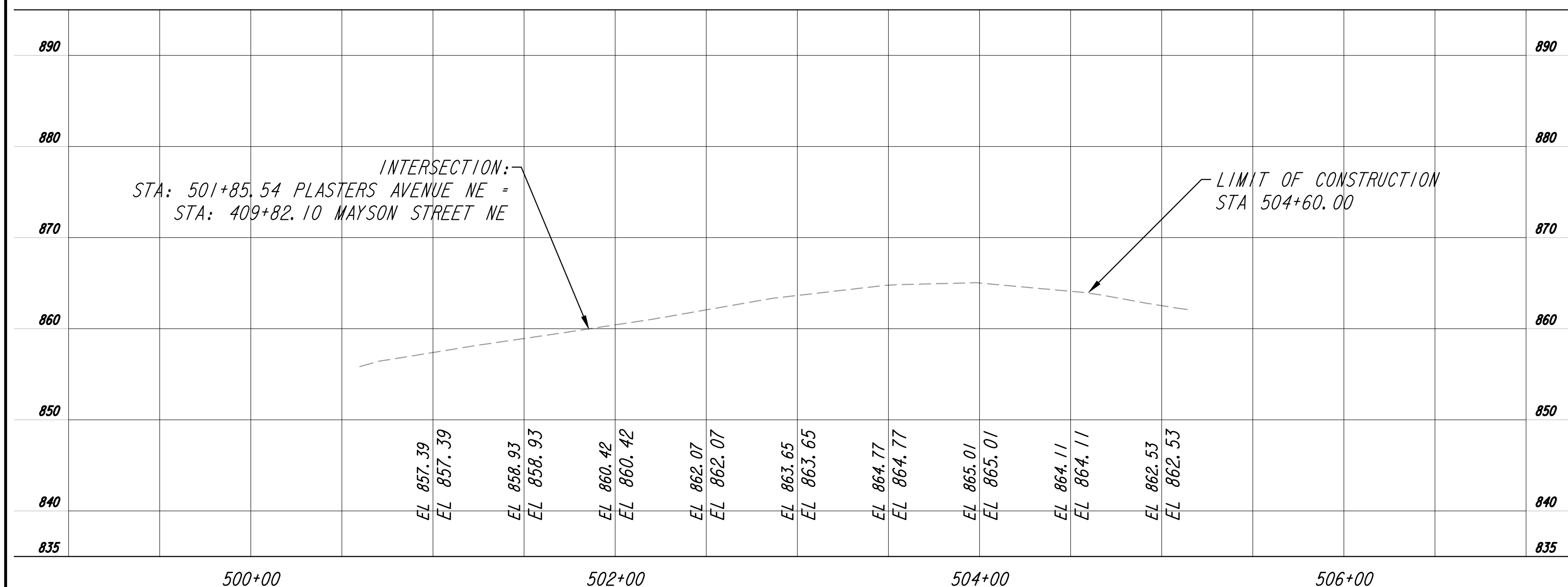
SCALE: 1" = 50' HORIZ.
1" = 10' VERT.

REVISION DATES	

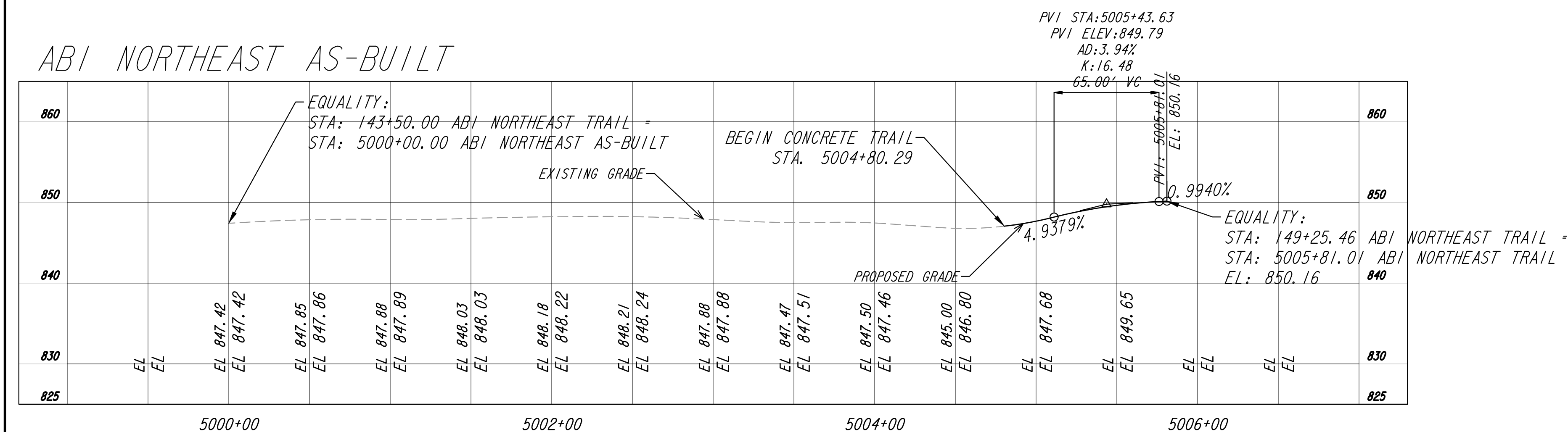
CROSSROAD PROFILE
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 16-001
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

PLASTERS AVENUE



ABI NORTHEAST AS-BUILT



SCALE: 1" = 50' HORIZ.
1" = 10' VERT.

REVISION DATES

No.	DATE	DESCRIPTION

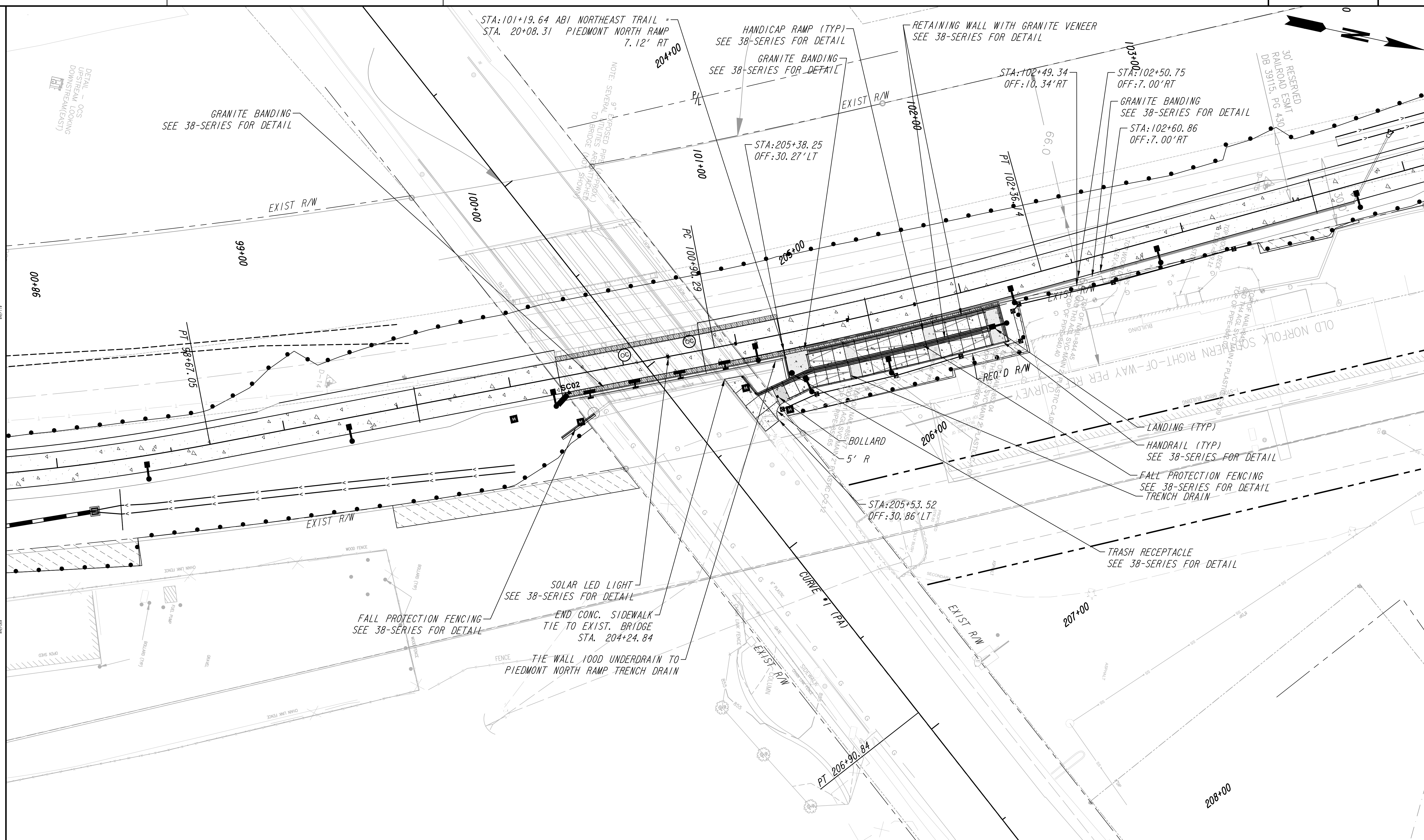
CROSSROAD PROFILE

ATLANTA BELTLINE NORTHEAST TRAIL

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

DRAWING No.

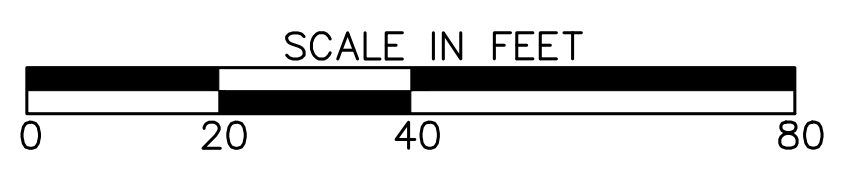
16-002



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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SUITE 2300
ATLANTA, GA 30303
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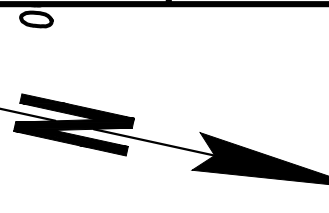
Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700



REVISION DATES	
12/17/21	

SPECIAL GRADING
ATLANTA BELTLINE NORTHEAST TRAIL
PIEDMONT AVE RAMP SYSTEM

CHECKED:	DATE:	DRAWING No. 18-010
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



STA: 101+19.64 ABI NORTHEAST TRAIL
STA: 20+08.31 PIEDMONT NORTH RAMP
7.12' RT
204+00

NOTE: SEVERAL UTILITIES ARE ATTACHED TO BRIDGE AND SHOW
9" EXPOSED PIPE (PROPOSED)
846.31
STA: 205+38.25
OFF: 30.27' LT
846.31
859.28
101+00

846.24 EXIST R/W
102+00

103+00

30' RESERVED
RAILROAD ESMT
DB 39115, PG 430

EXIST R/W

99+00

858.96
859.06

PC 100+90.63

205+00

PT 102+36.44

N27°47'21.5"W

98+00

PT 98+67.05

N23°08'48.2"W

845

847

206+00

CONSTR CL (PW)

REQ'D R/W

858.96
859.06

858.87
STA: 205+53.52
OFF: 30.86' LT

CURVE 1 (TRA)

EXIST R/W

207+00

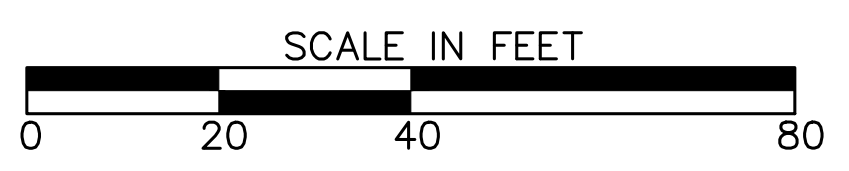
208+00

REVISION DATES
DATE: 12/17/21
BY: [Signature]
CHECKED: [Signature]
CORRECTED: [Signature]
VERIFIED: [Signature]

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
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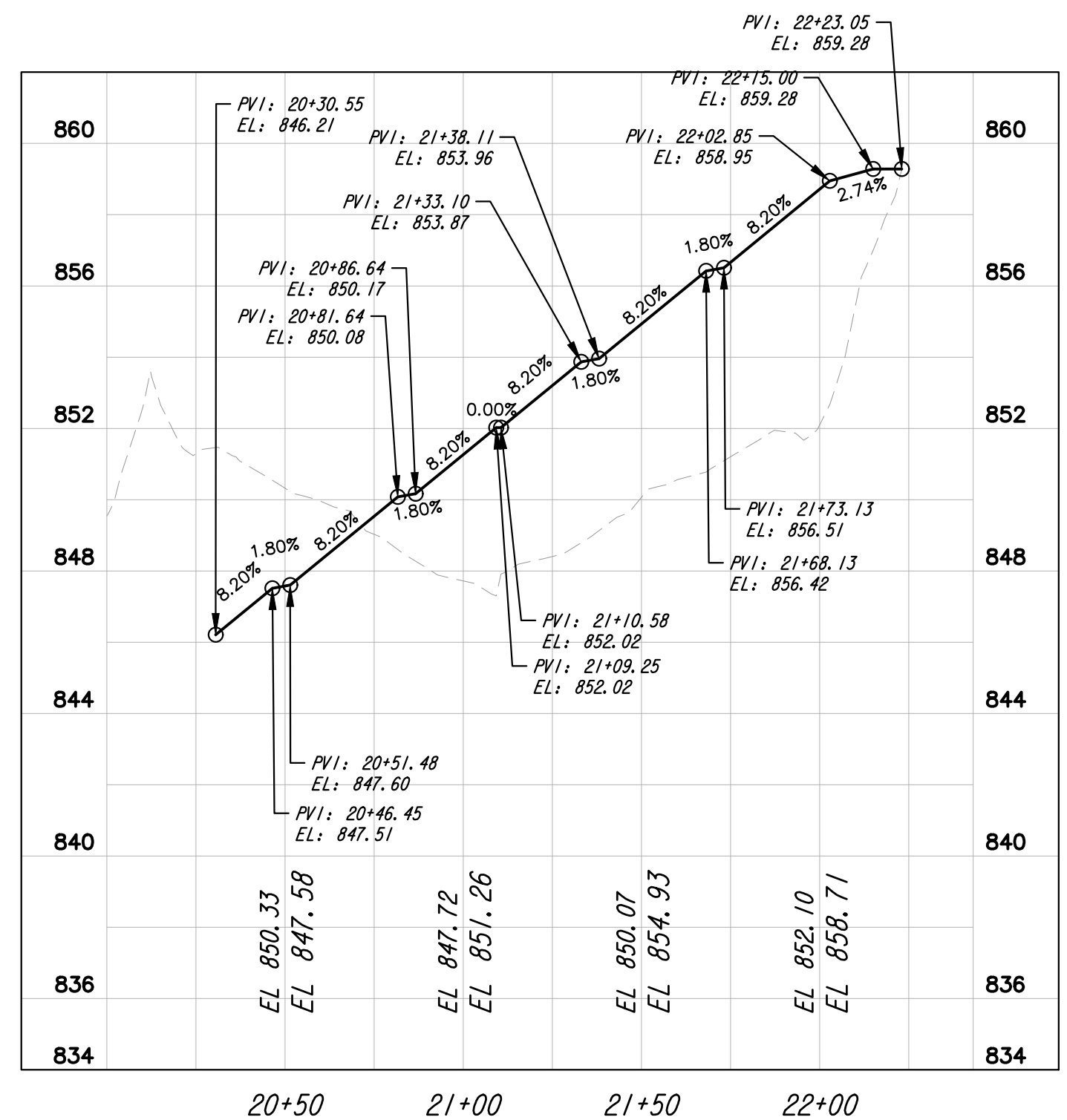
Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700



REVISION DATES	

SPECIAL GRADING
ATLANTA BELTLINE NORTHEAST TRAIL
PIEDMONT AVE RAMP SYSTEM

CHECKED:	DATE:	DRAWING No. 18-011
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



NORTH PIEDMONT AVE RAMP SYSTEM PROFILE

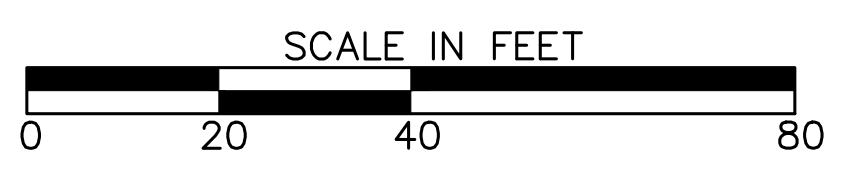
PROJECT NO.
DATE
PROJECT NO.
DATE
PROJECT NO.
DATE

PROJECT NO.
DATE
PROJECT NO.
DATE
PROJECT NO.
DATE

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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100 PEACHTREE STREET, NW
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ATLANTA, GA 30303
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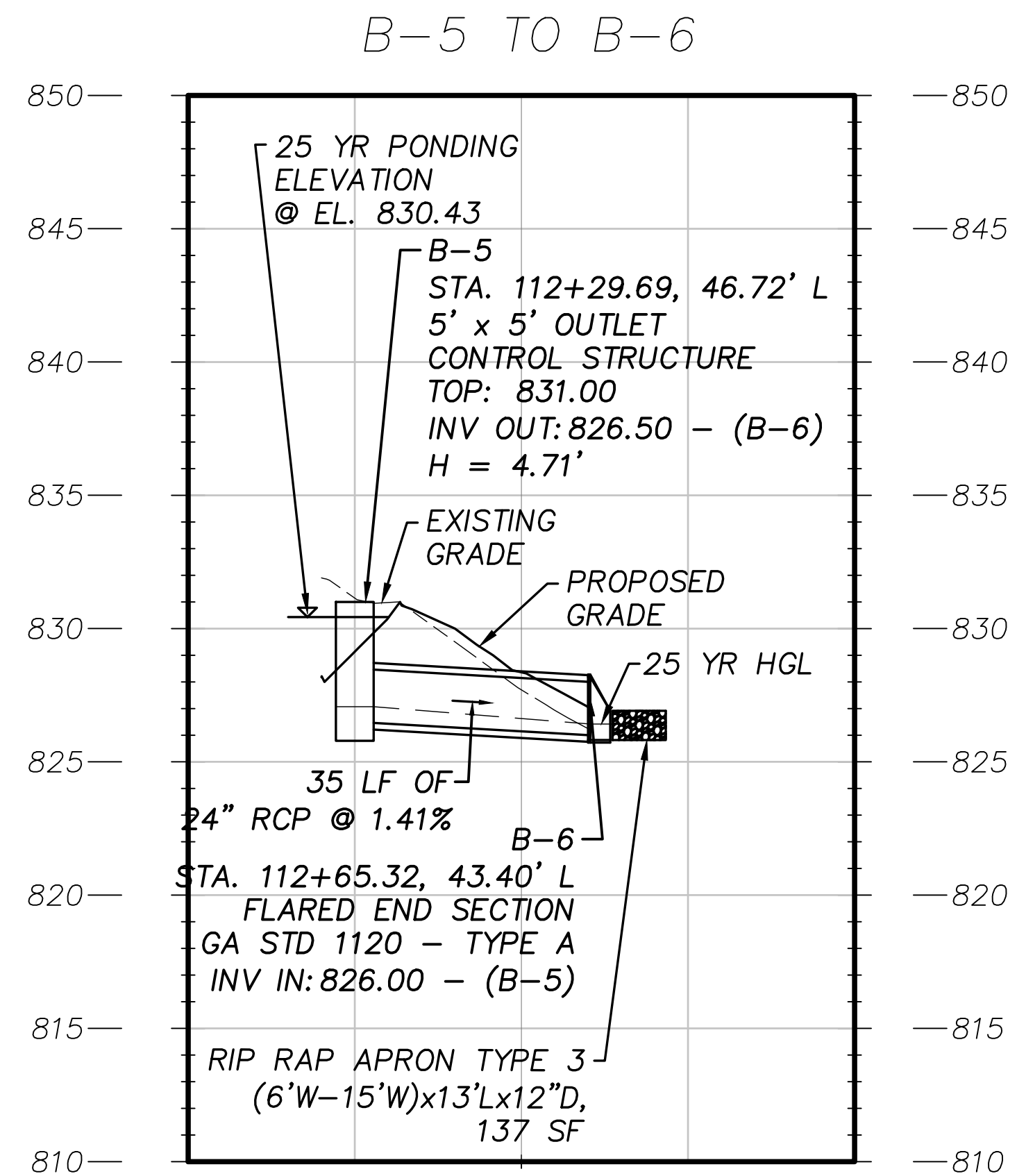
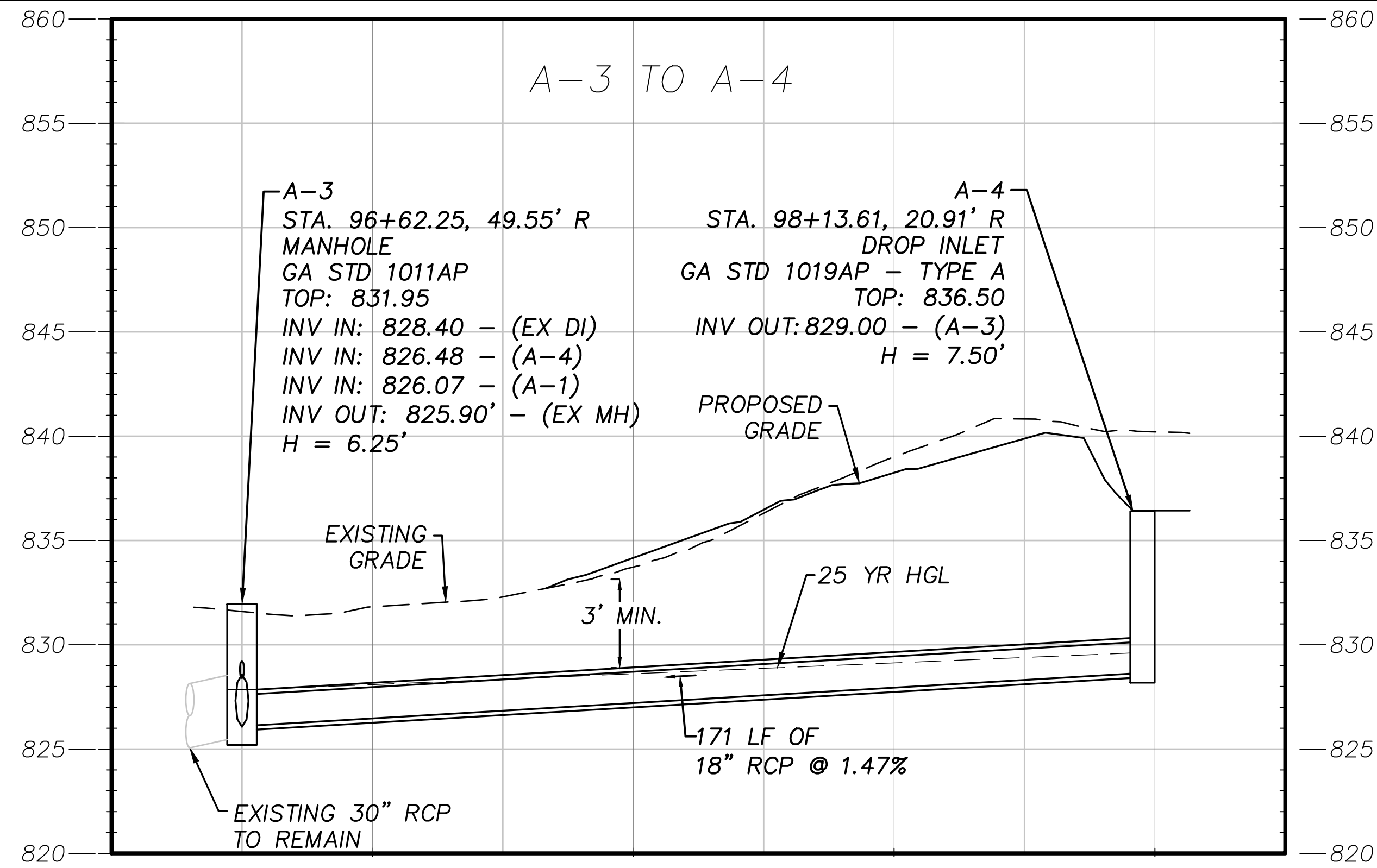
Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700



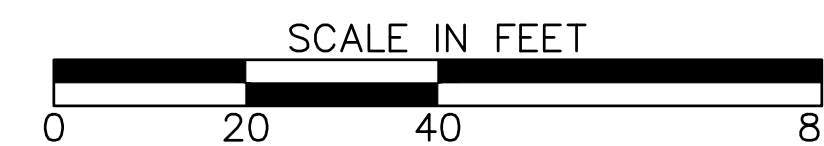
REVISION DATES	

SPECIAL GRADING
ATLANTA BELTLINE NORTHEAST TRAIL
PIEDMONT AVE RAMP SYSTEM PROFILE

CHECKED:	DATE:	DRAWING No. 18-012
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



HORIZONTAL SCALE: 1" = 5'
 VERTICAL SCALE:

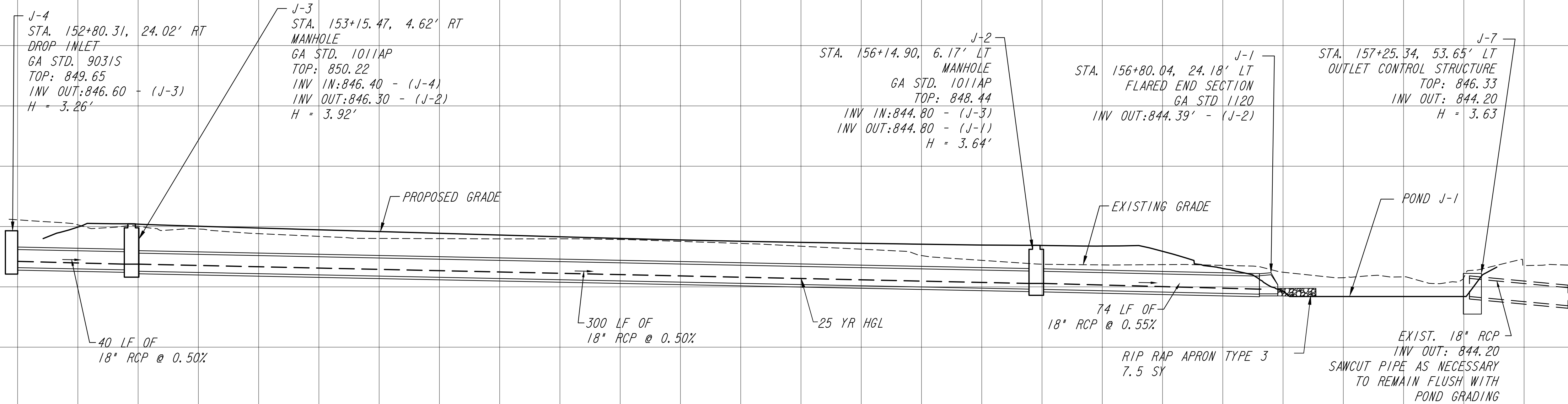


REVISION DATES	
12/17/21	

STORM SEWER PROFILES
 ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	22-001
CORRECTED:	DATE:	
VERIFIED:	DATE:	

J-4 TO J-1



WEST OF
PROJECT
LINE

WEST OF
PROJECT
LINE

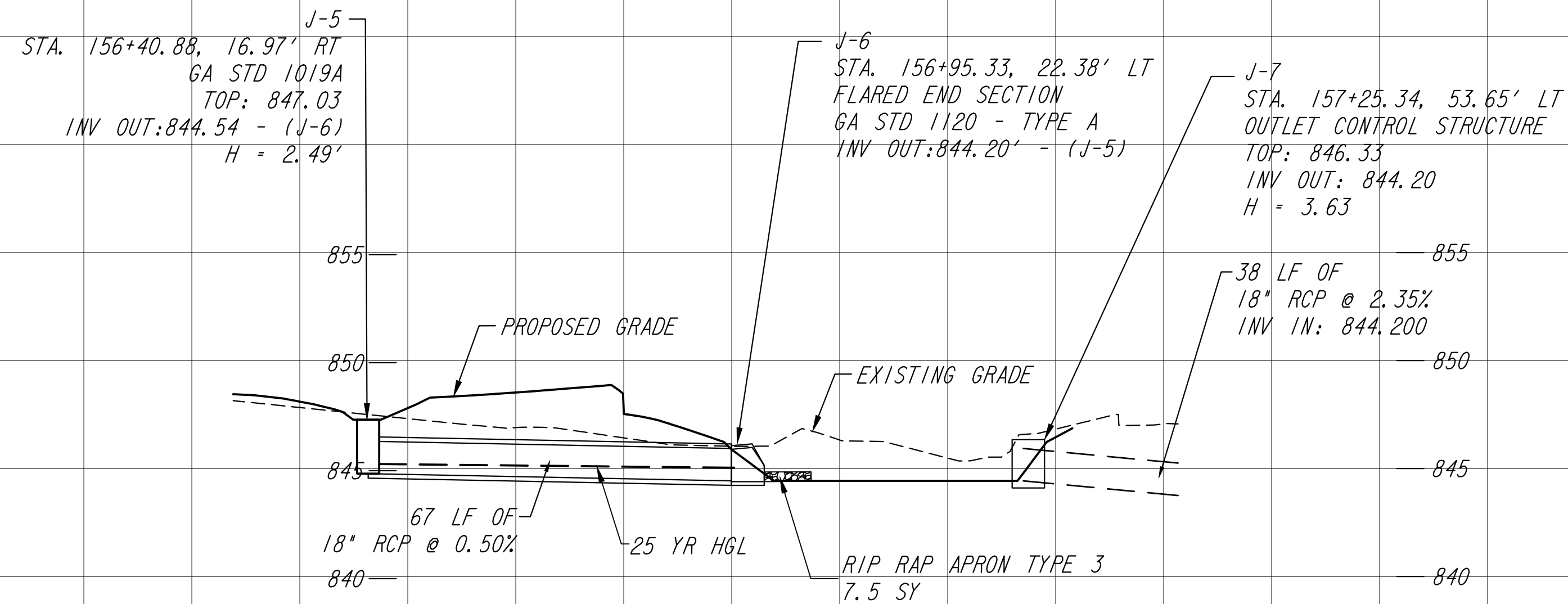


SCALE: 1" = 20' HORIZ.
1" = 5' VERT.

REVISION DATES	
12/17/21	

DRAINAGE PROFILES			
ATLANTA BELTLINE NORTHEAST TRAIL			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			22-002

J-5 TO J-6



REVISION
 REVISION
 REVISION
 REVISION

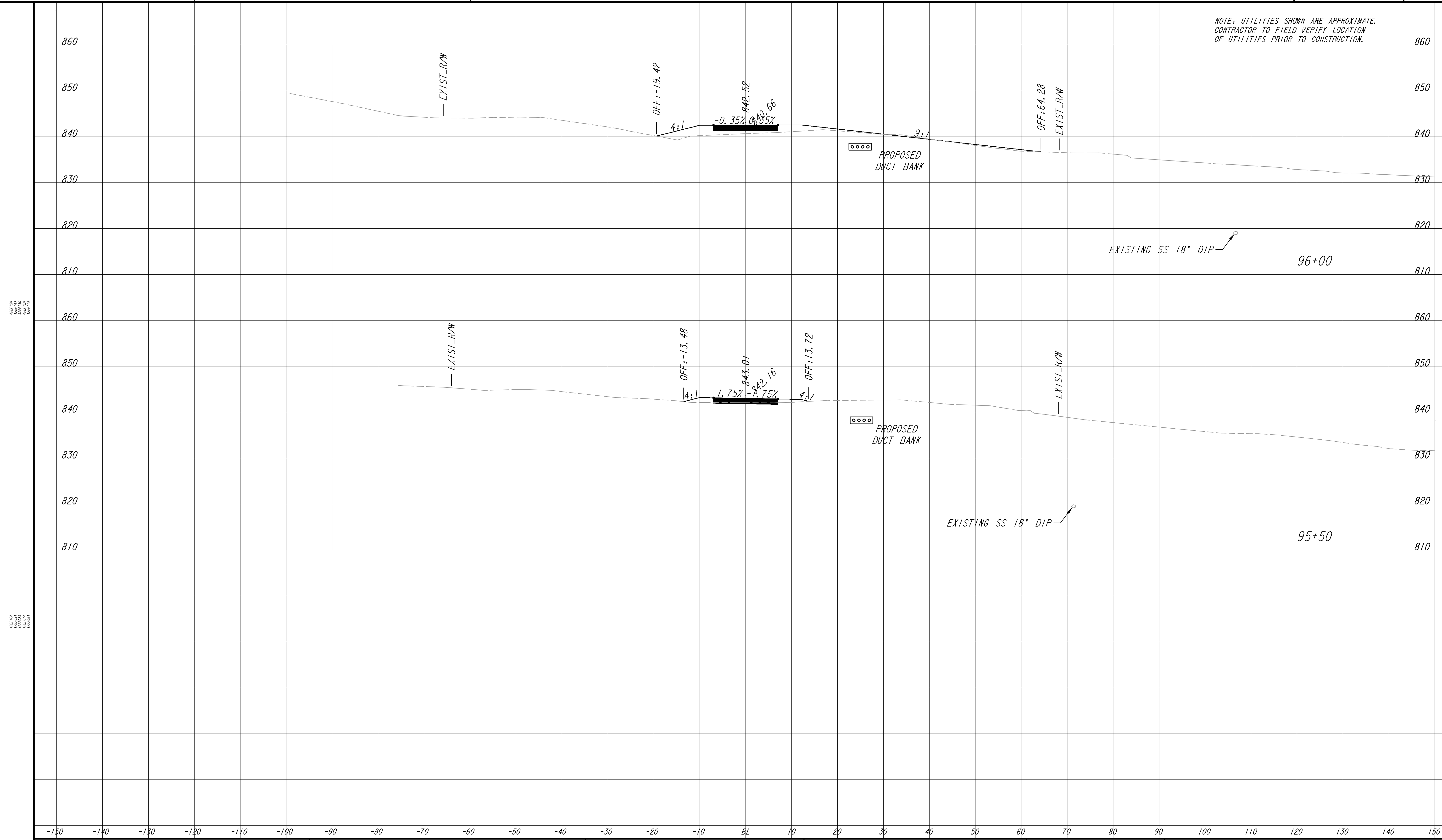
REVISION
 REVISION
 REVISION
 REVISION

REVISION DATES	

DRAINAGE PROFILES
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 22-003
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

NOTE: UTILITIES SHOWN ARE APPROXIMATE.
CONTRACTOR TO FIELD VERIFY LOCATION
OF UTILITIES PRIOR TO CONSTRUCTION.

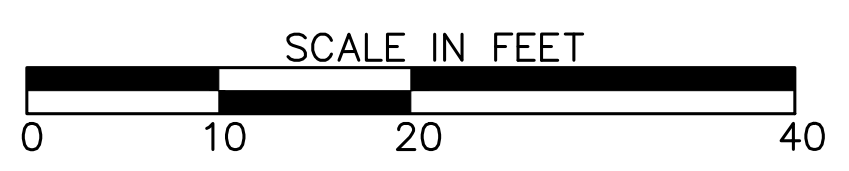


REVISION DATES

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

Atlanta BeltLine
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THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
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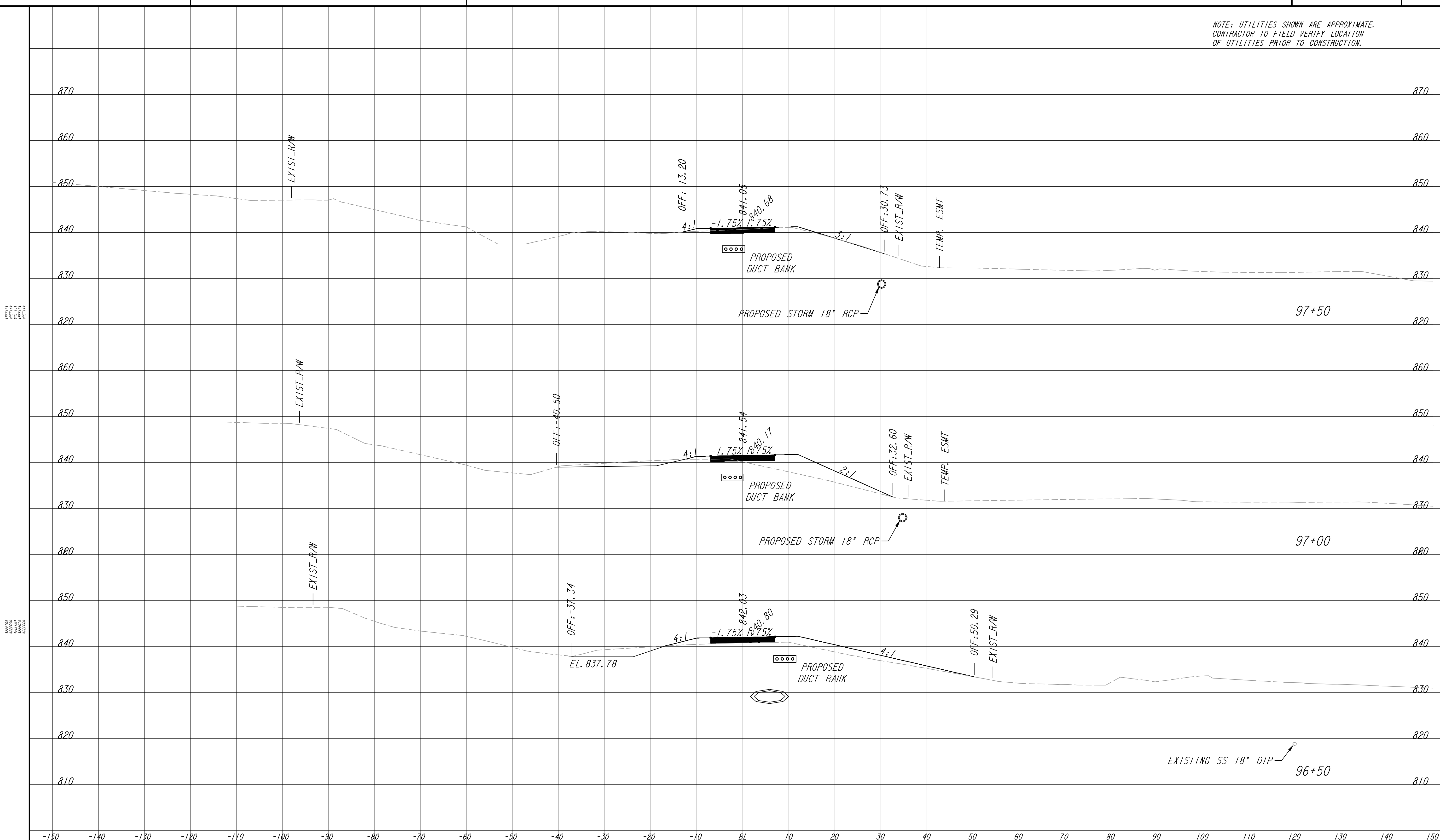


REVISION DATES	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-001
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

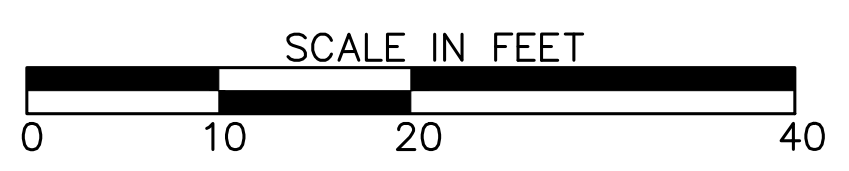
NOTE: UTILITIES SHOWN ARE APPROXIMATE.
CONTRACTOR TO FIELD VERIFY LOCATION
OF UTILITIES PRIOR TO CONSTRUCTION.



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
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TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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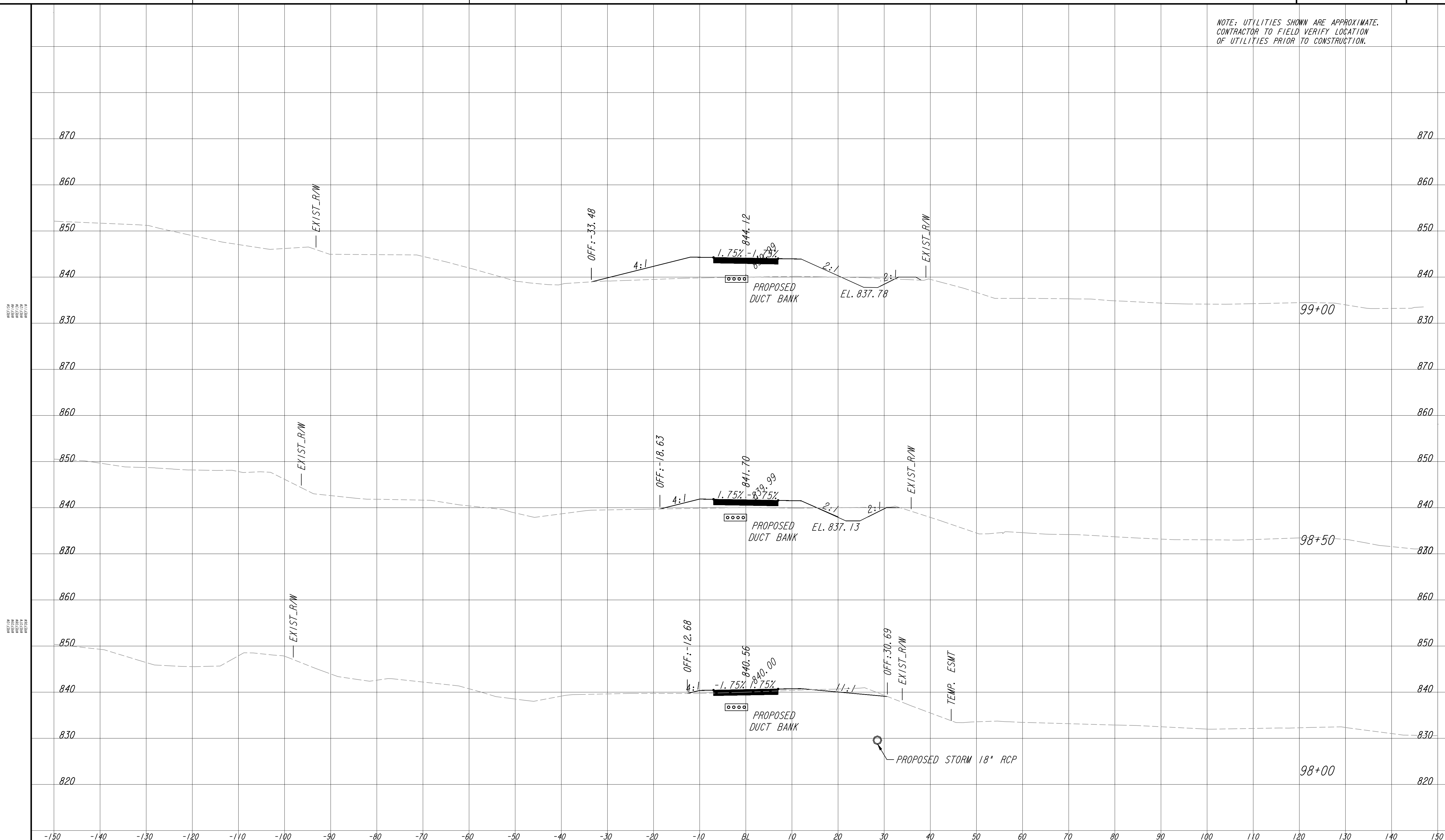


REVISION DATES	
12/17/21	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-002
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

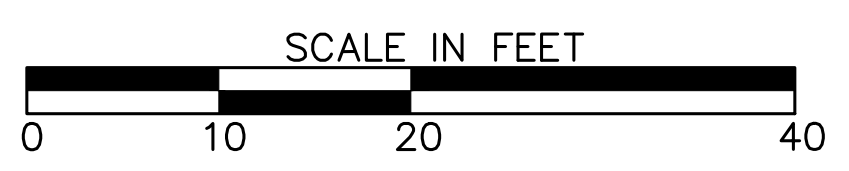
NOTE: UTILITIES SHOWN ARE APPROXIMATE.
CONTRACTOR TO FIELD VERIFY LOCATION
OF UTILITIES PRIOR TO CONSTRUCTION.



PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	▨
TEMPORARY EASEMENT FOR CONST. OF SLOPES	▧
TEMPORARY EASEMENT FOR CONST. OF DRIVES	▩

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ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

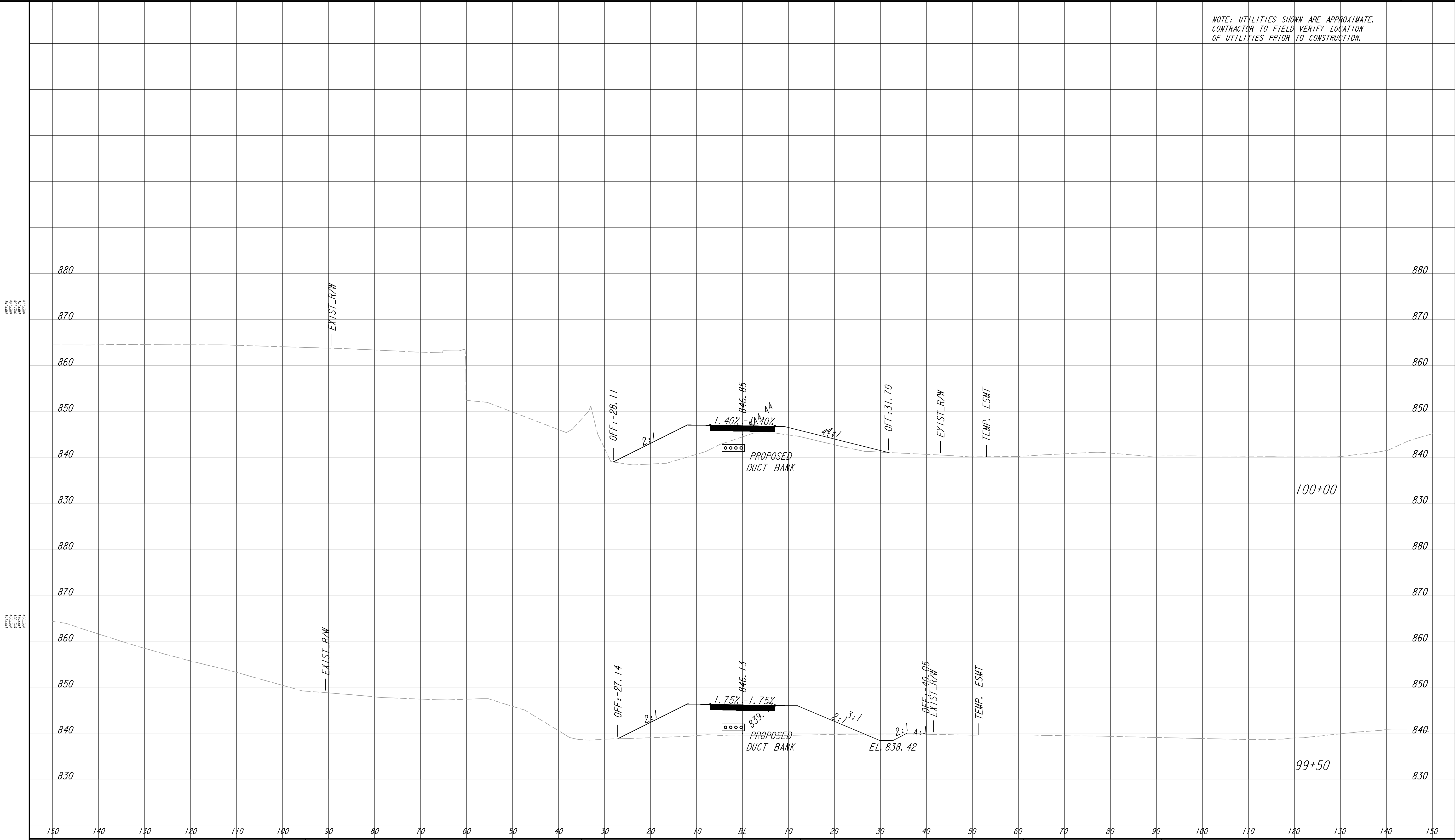


REVISION DATES	
12/17/21	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-003
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

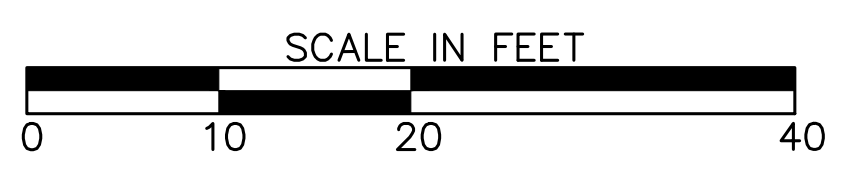
NOTE: UTILITIES SHOWN ARE APPROXIMATE.
CONTRACTOR TO FIELD VERIFY LOCATION
OF UTILITIES PRIOR TO CONSTRUCTION.



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

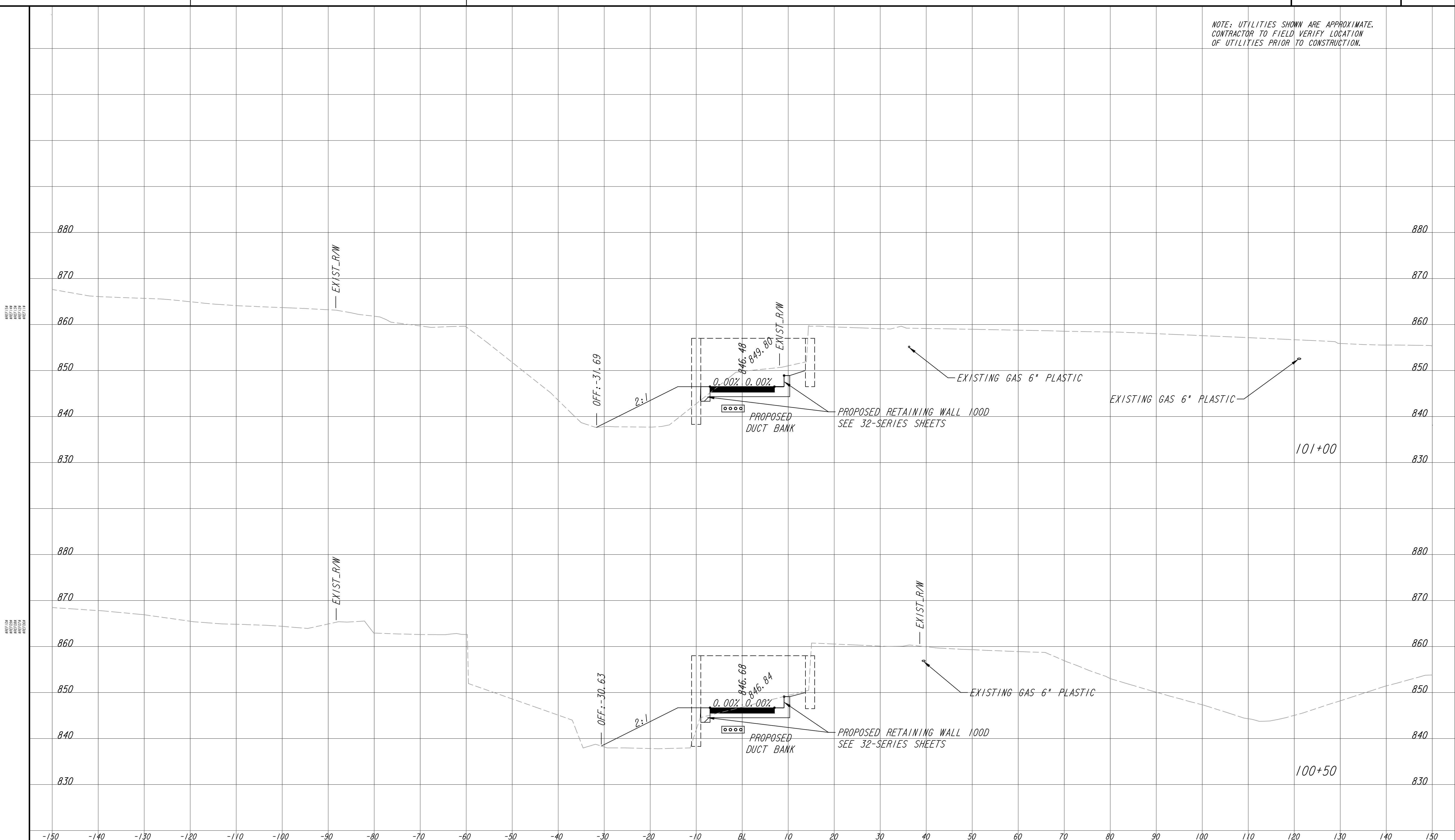


REVISION DATES	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-004
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

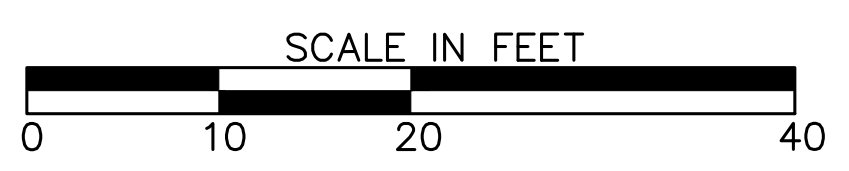
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PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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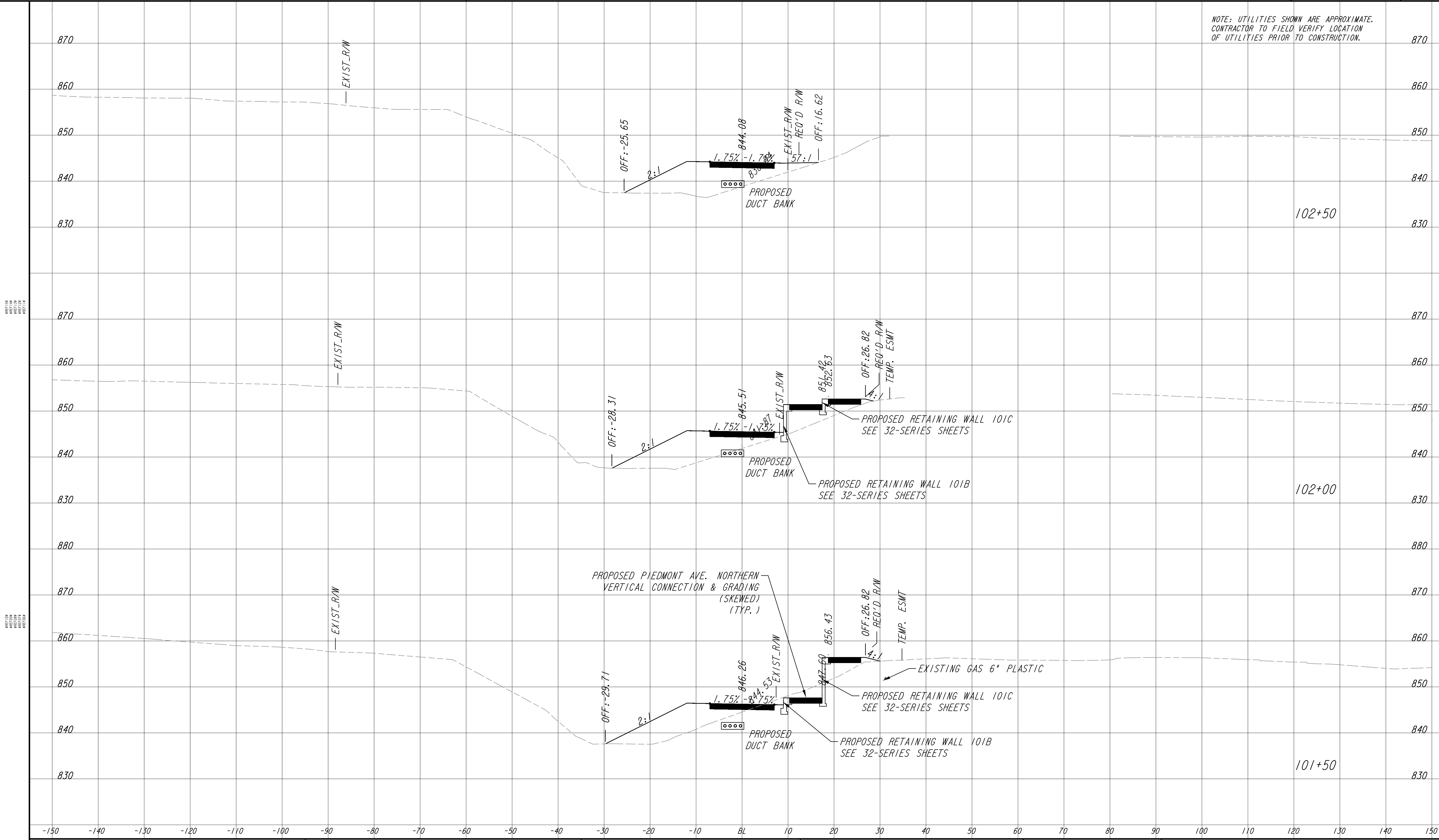


REVISION DATES	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-005
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

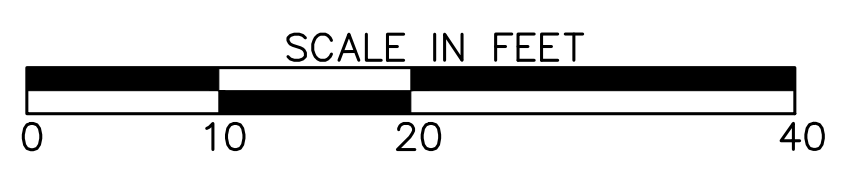
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PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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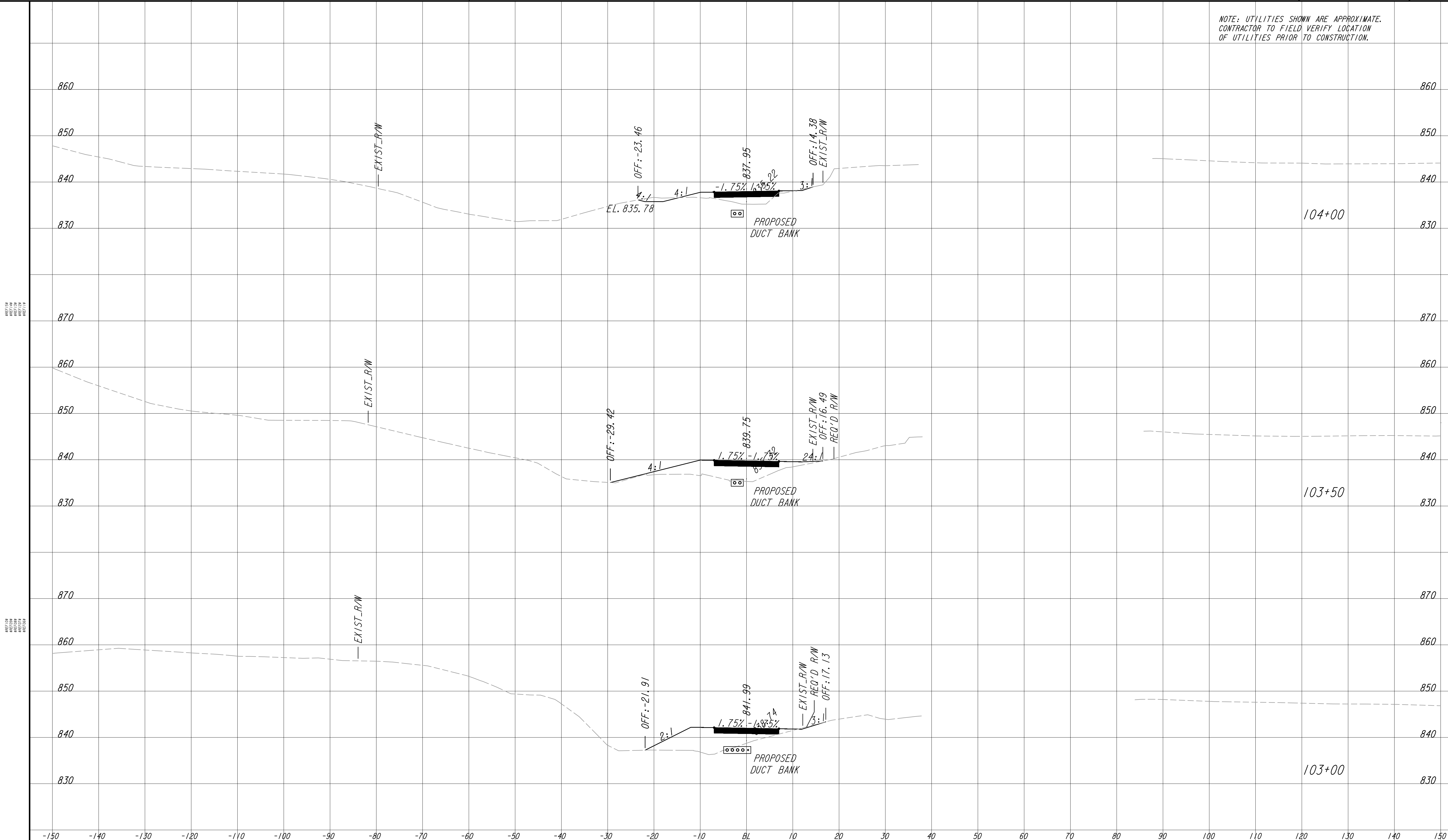


REVISION DATES	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-006
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

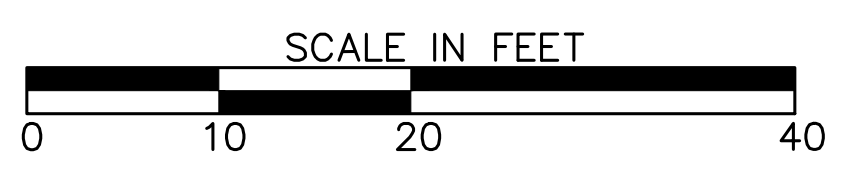
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PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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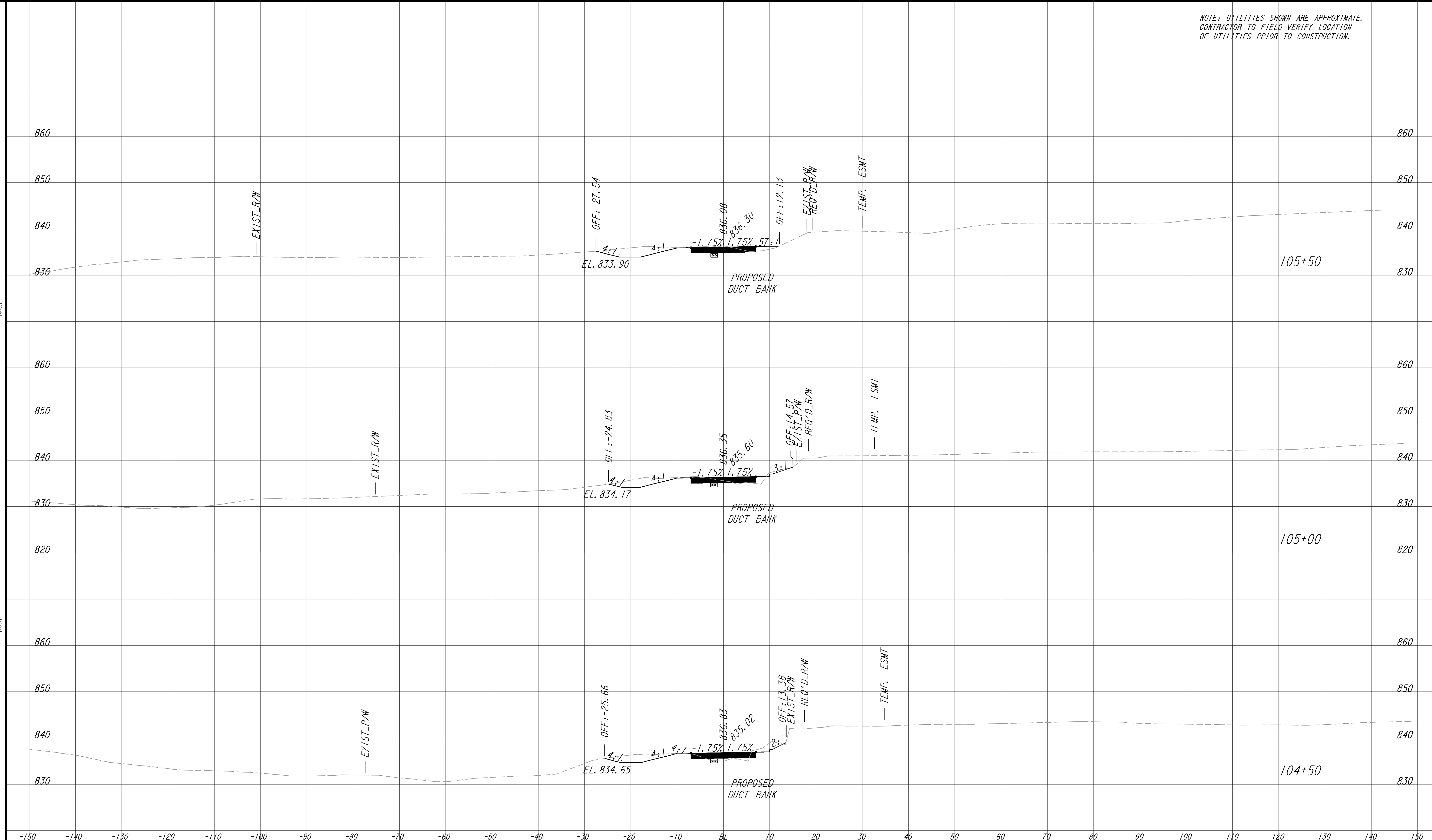


REVISION DATES	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-007
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

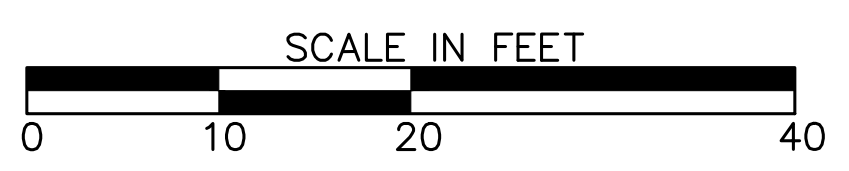
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PROPERTY AND EXISTING R/W LINE
 REQUIRED R/W LINE
 CONSTRUCTION LIMITS
 PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES
 TEMPORARY EASEMENT FOR CONST. OF SLOPES
 TEMPORARY EASEMENT FOR CONST. OF DRIVES

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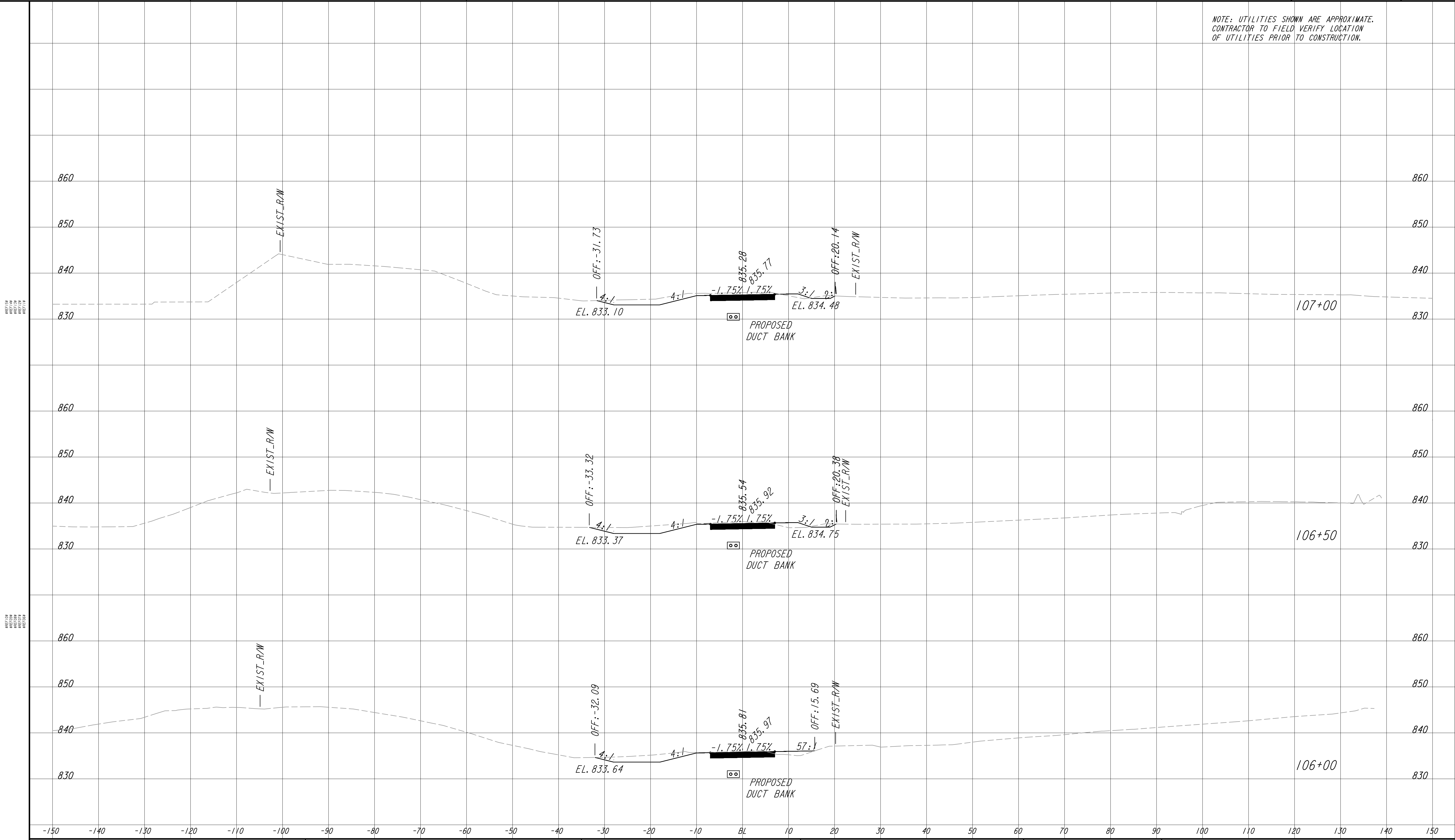


REVISION DATES	

EARTHWORK CROSS SECTIONS
 ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-008
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

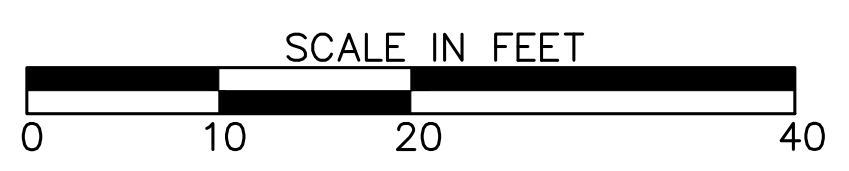
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PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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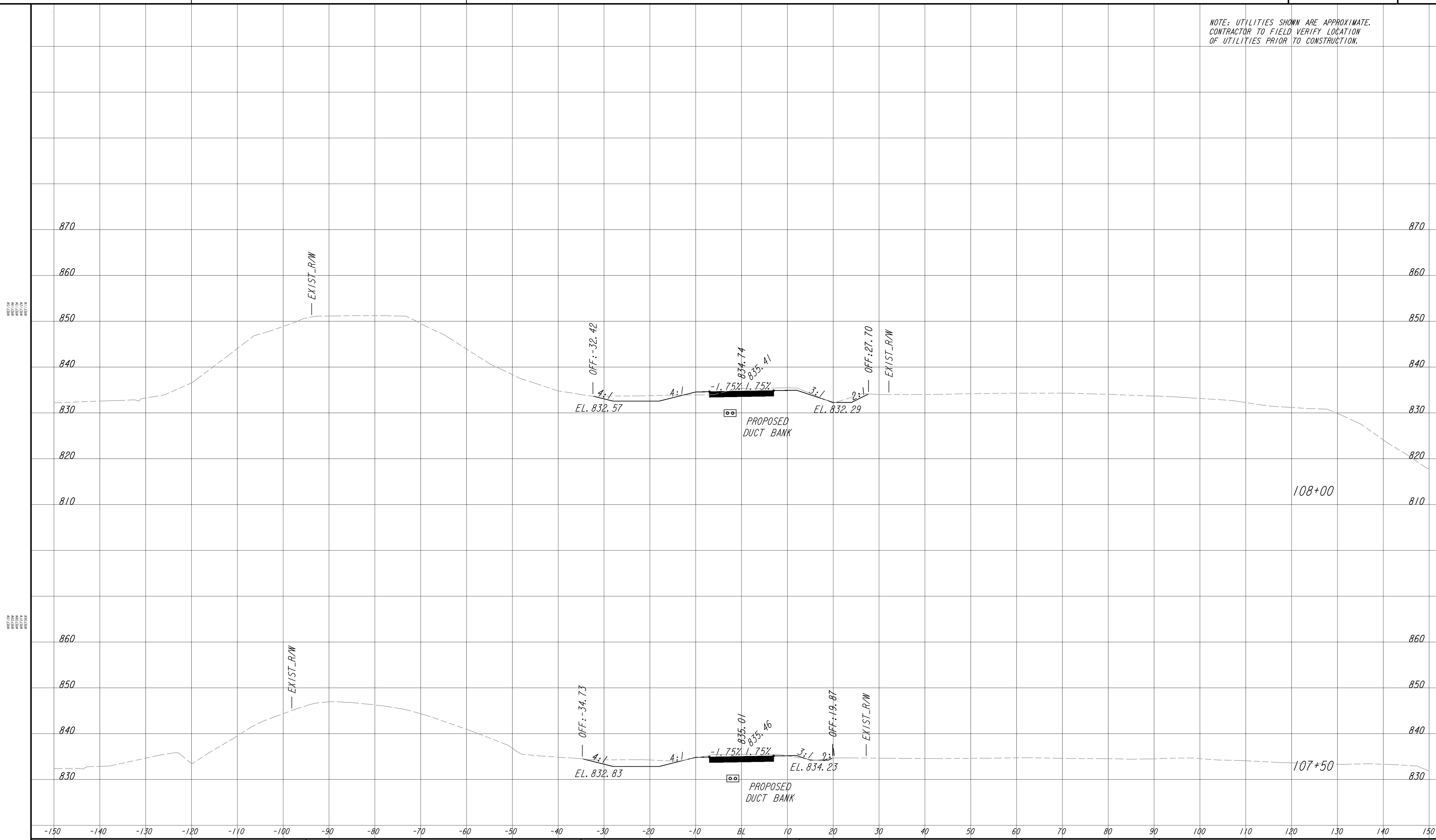


REVISION DATES	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-009
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
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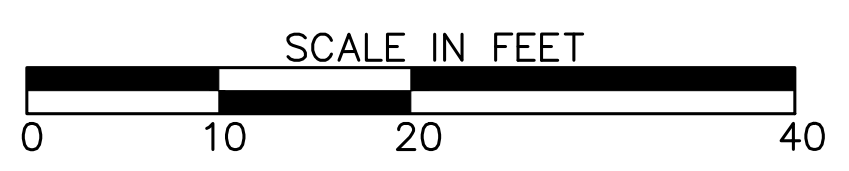
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PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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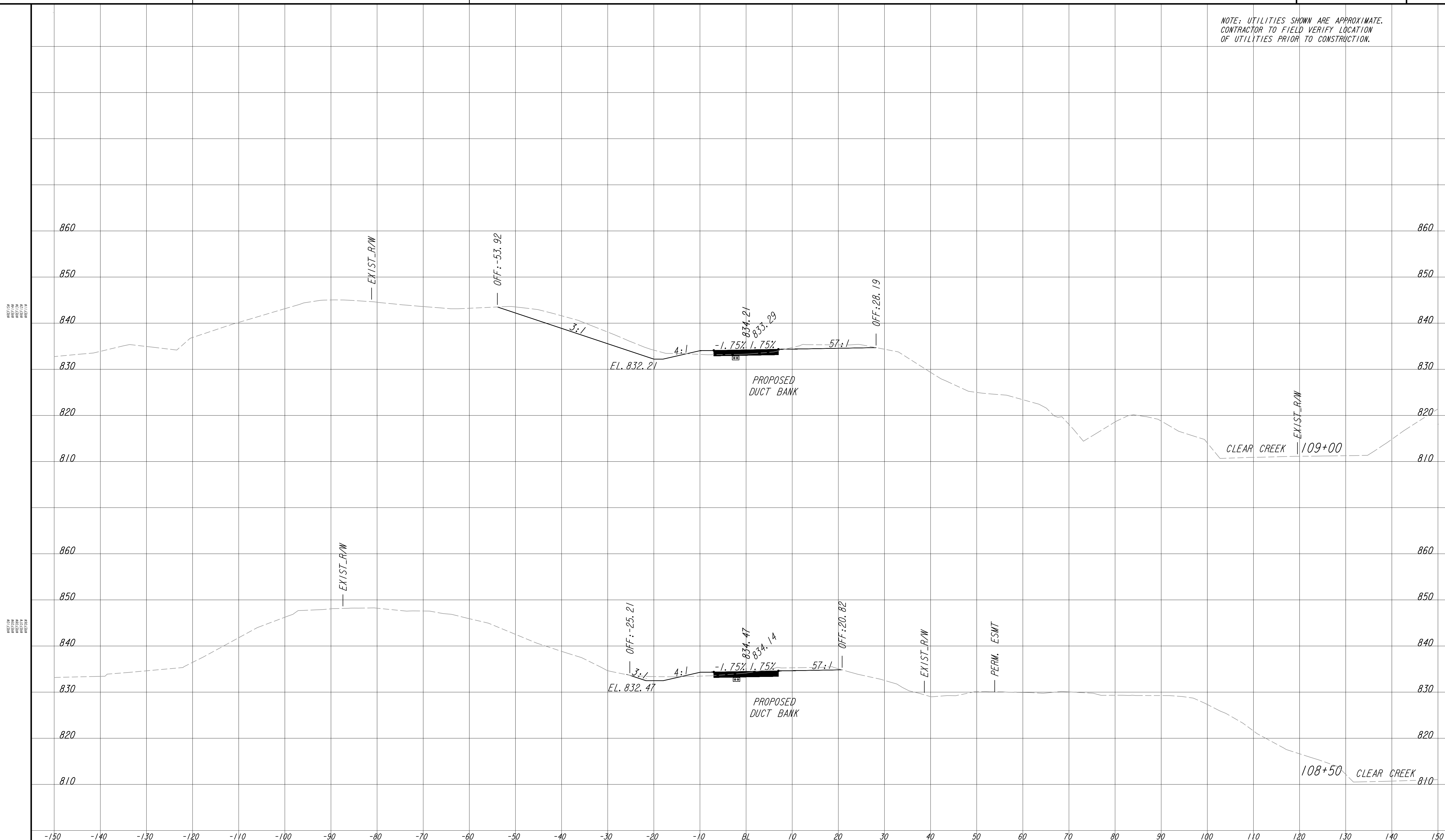


REVISION DATES	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-010
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
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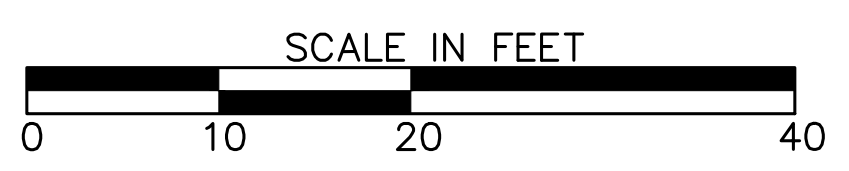
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PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
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REVISION DATES	

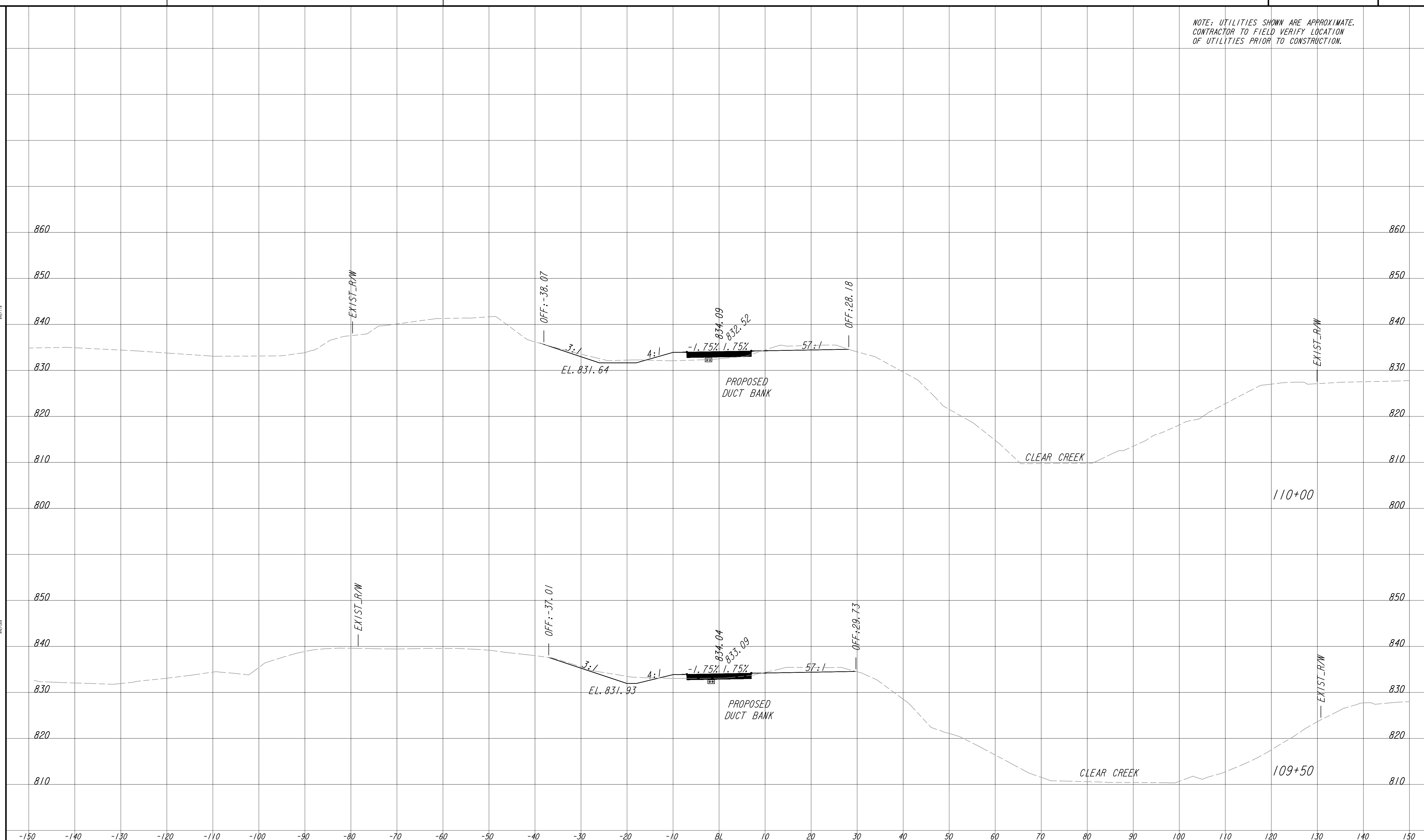
EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-011
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

NOTE: UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATION OF UTILITIES PRIOR TO CONSTRUCTION.

REVISION
DATE
BY

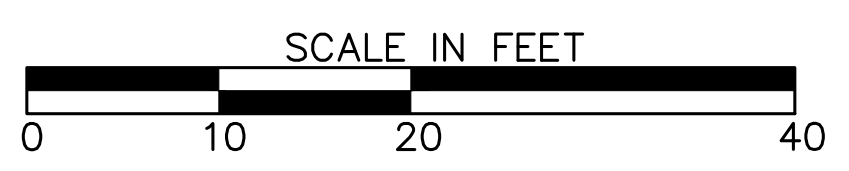
REVISION
DATE
BY



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
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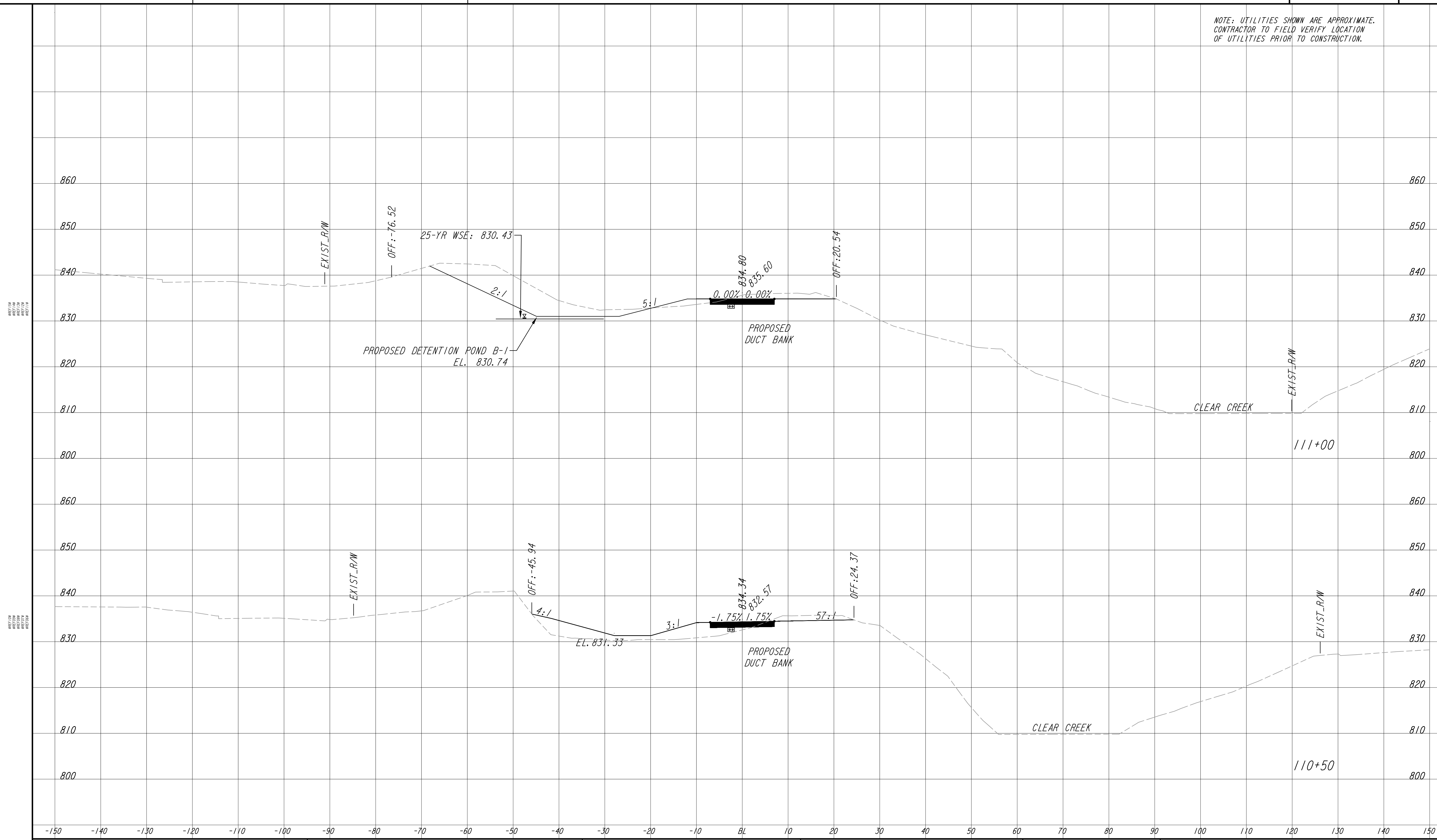


REVISION DATES	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-012
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

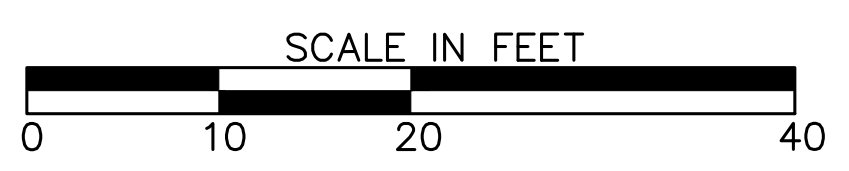
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PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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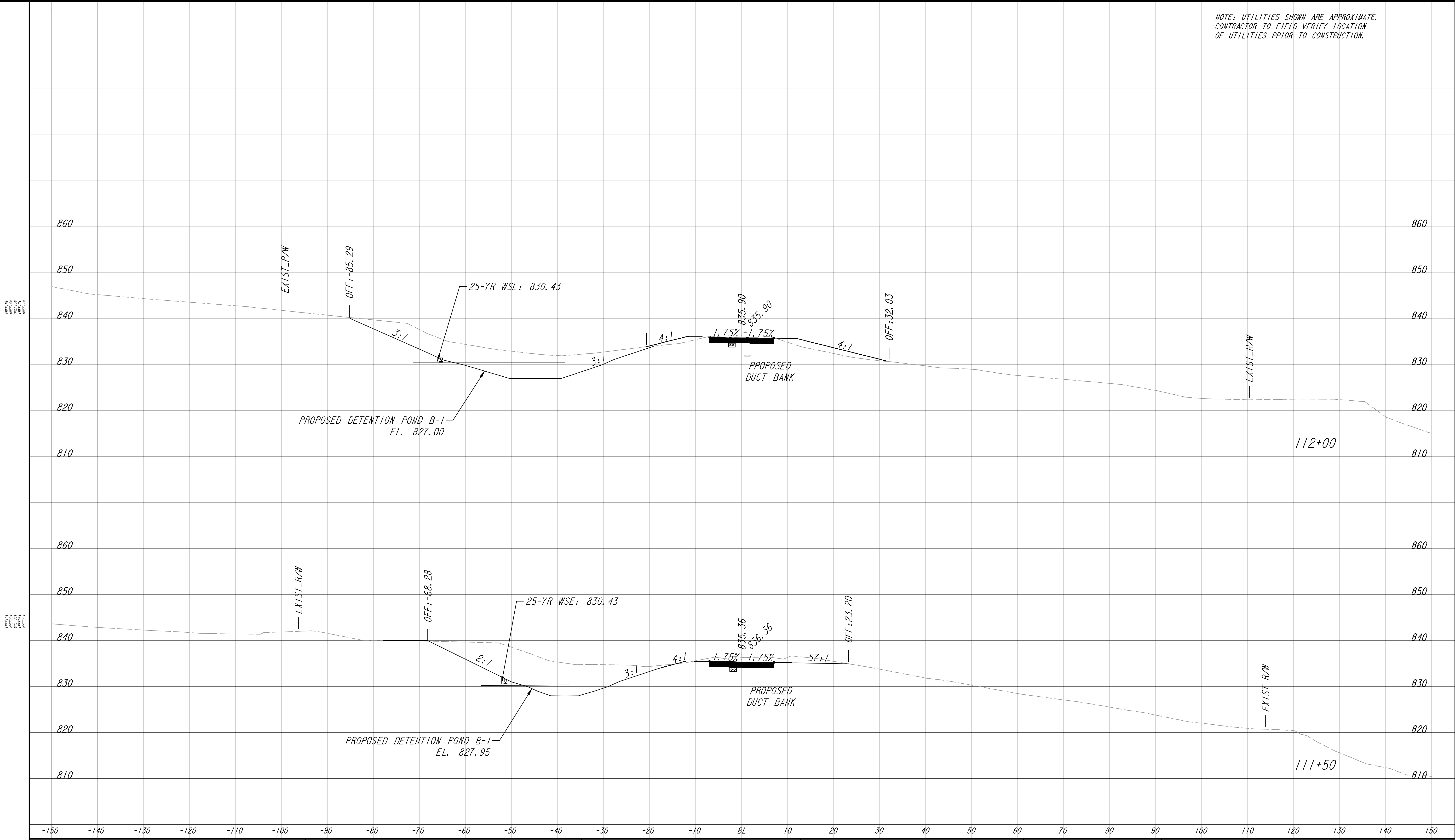


REVISION DATES	

EARTHWORK CROSS SECTIONS
 ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-013
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

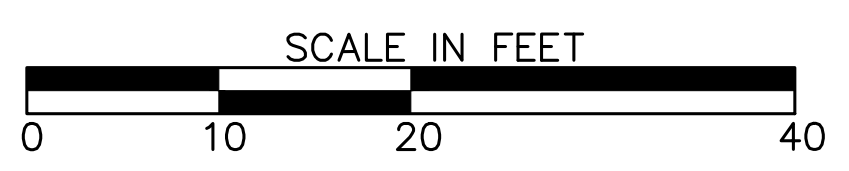
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PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---G---F---
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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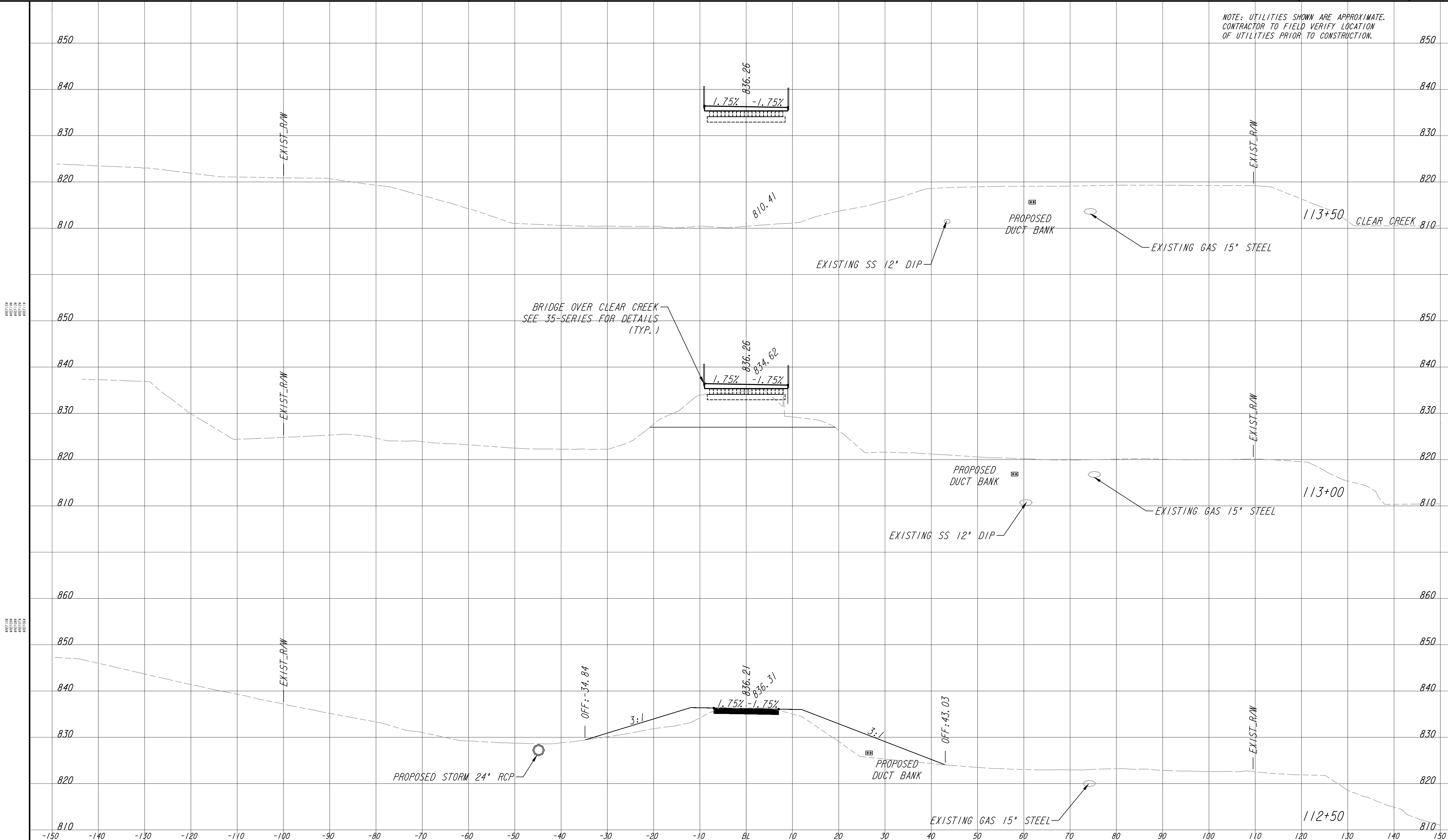
REVISION DATES	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

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

DRAWING No. **23-014**

NOTE: UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATION OF UTILITIES PRIOR TO CONSTRUCTION.



PROPERTY AND EXISTING R/W LINE -P-

REQUIRED R/W LINE -E- -F-

CONSTRUCTION LIMITS

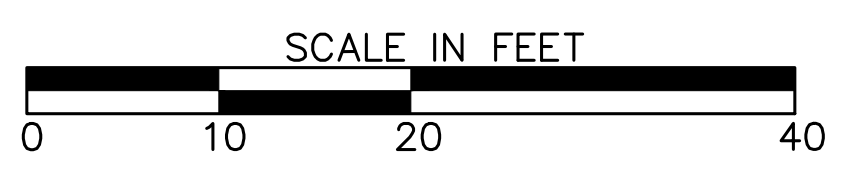
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES

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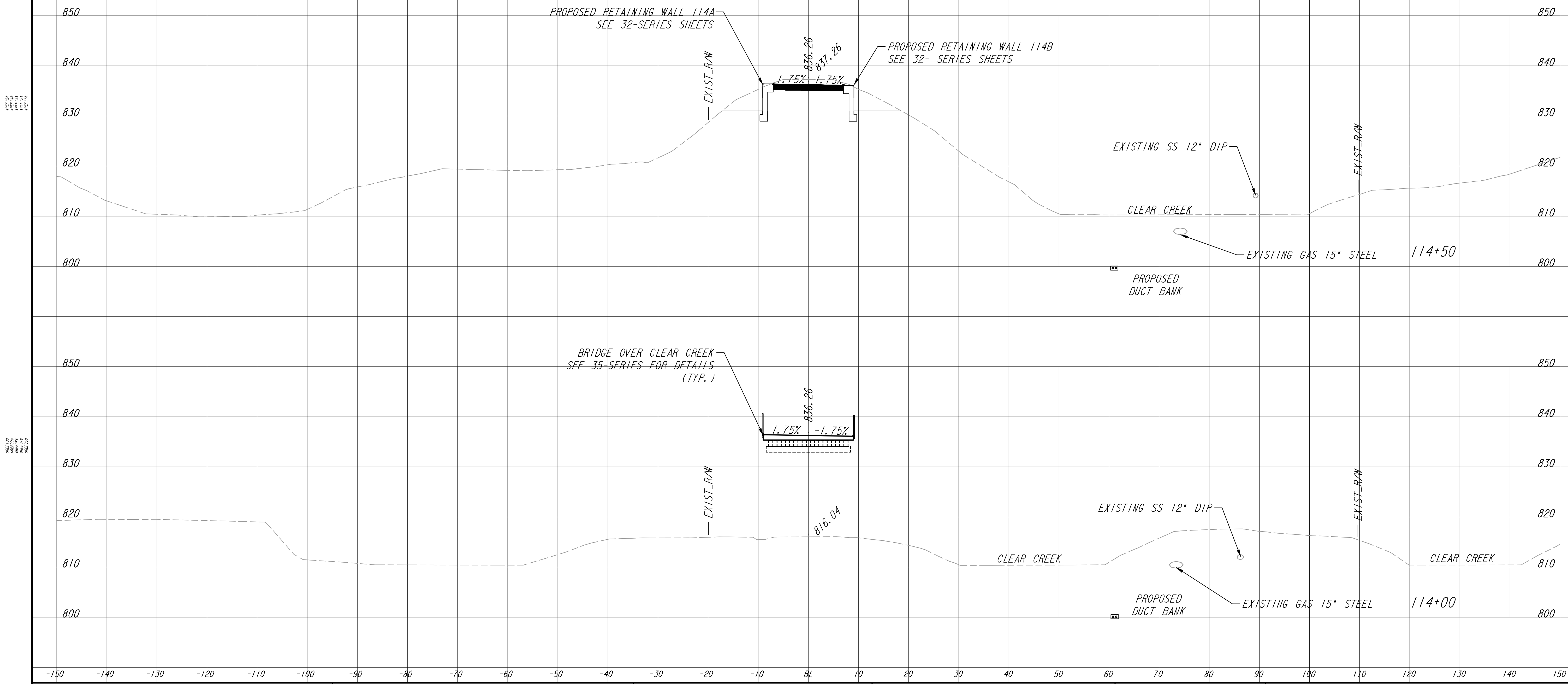


REVISION DATES	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-015
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

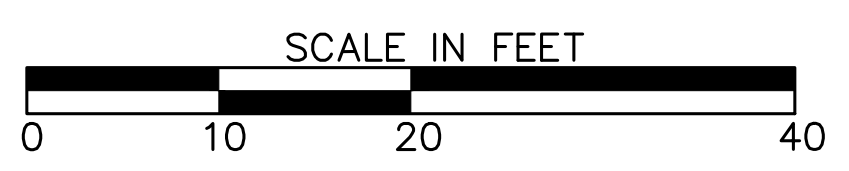
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PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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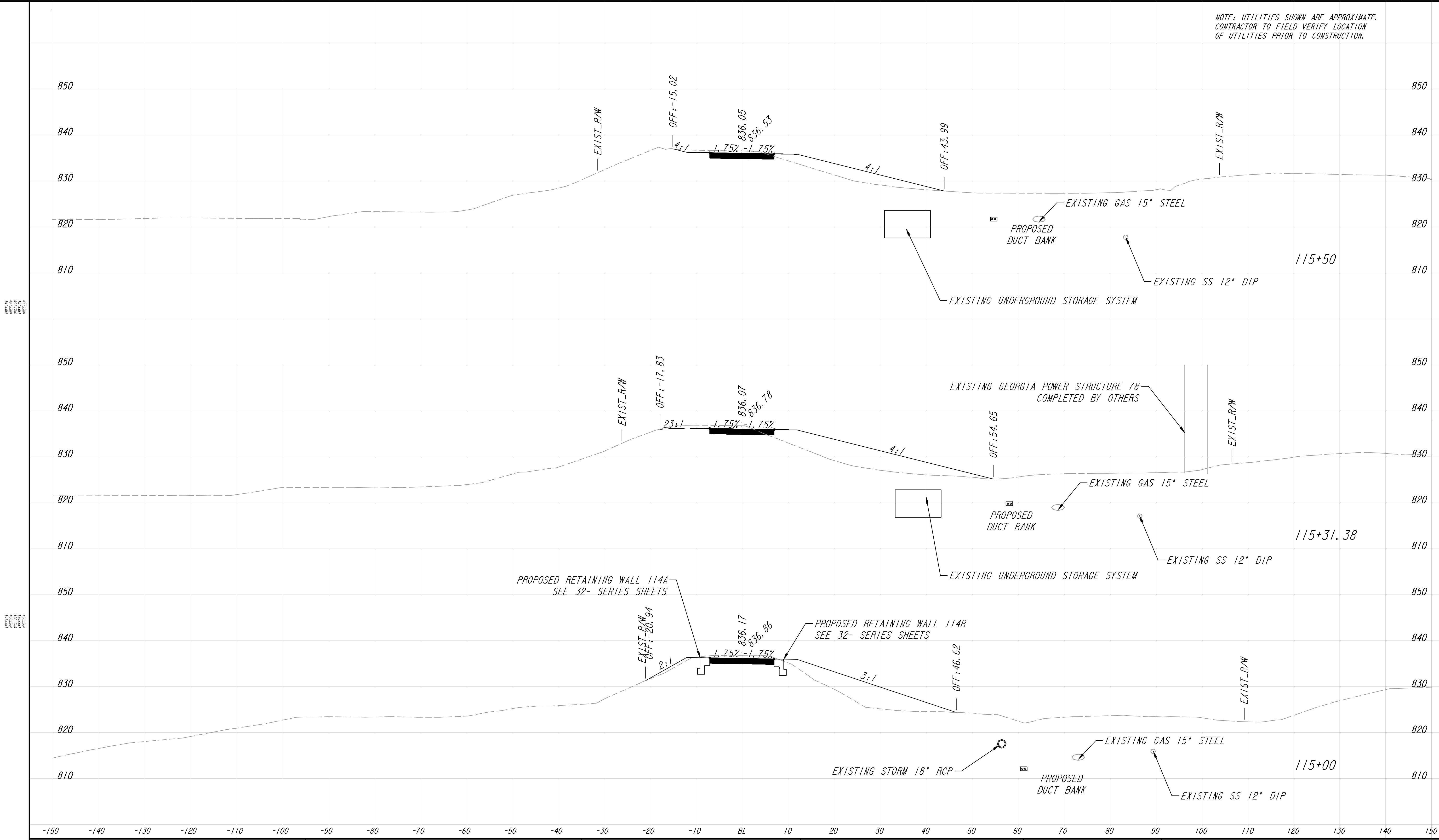


REVISION DATES	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-016
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

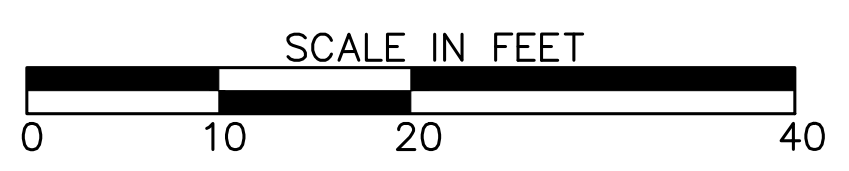
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PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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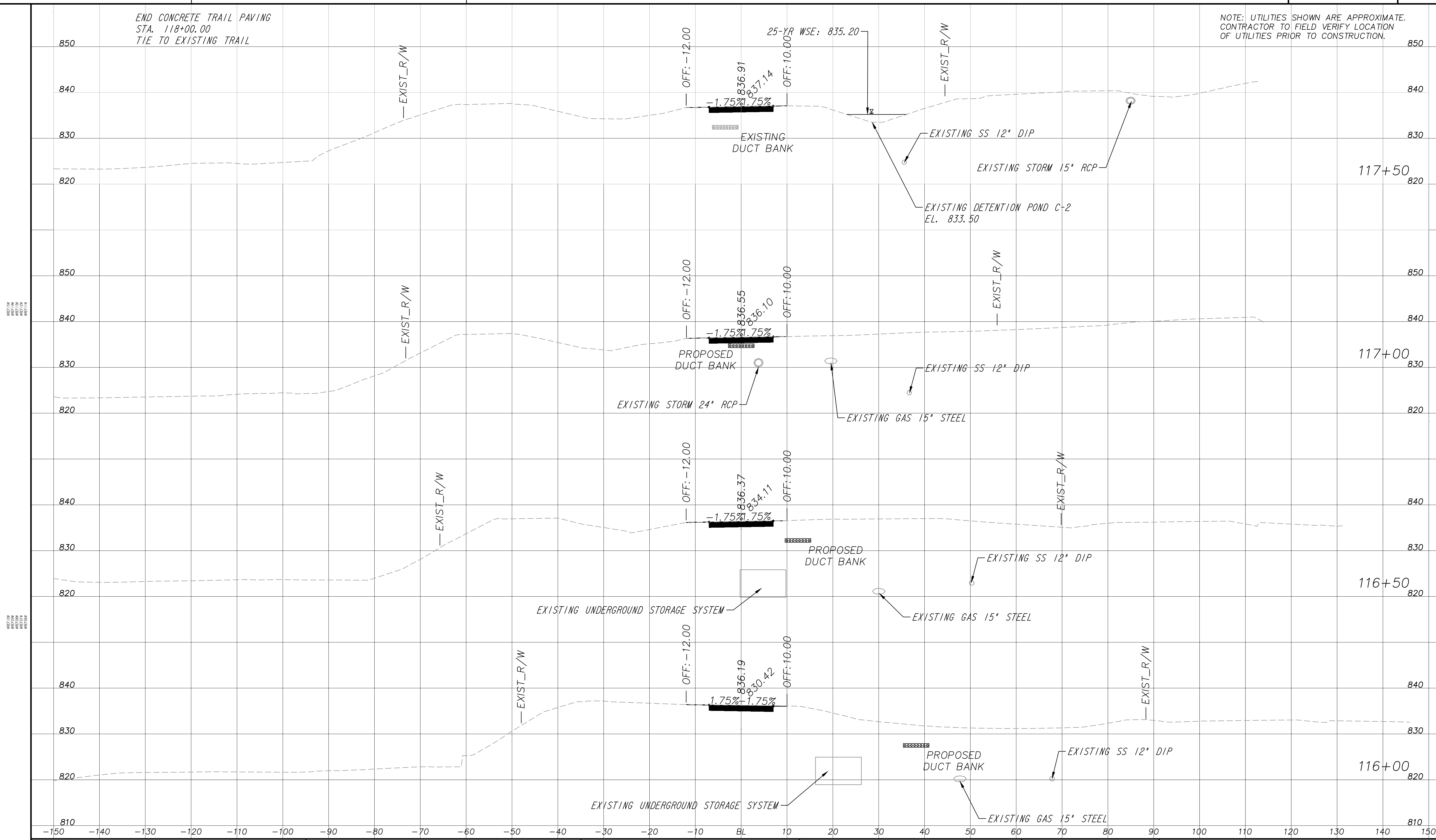
REVISION DATES	

EARTHWORK CROSS SECTIONS
 ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-017
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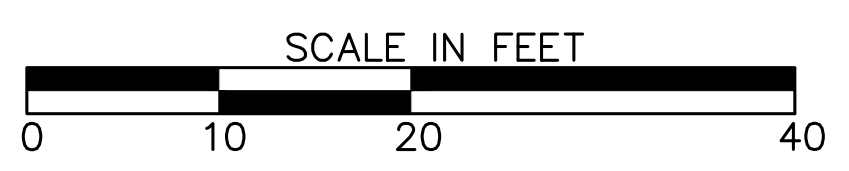
END CONCRETE TRAIL PAVING STA. 118+00.00 TIE TO EXISTING TRAIL



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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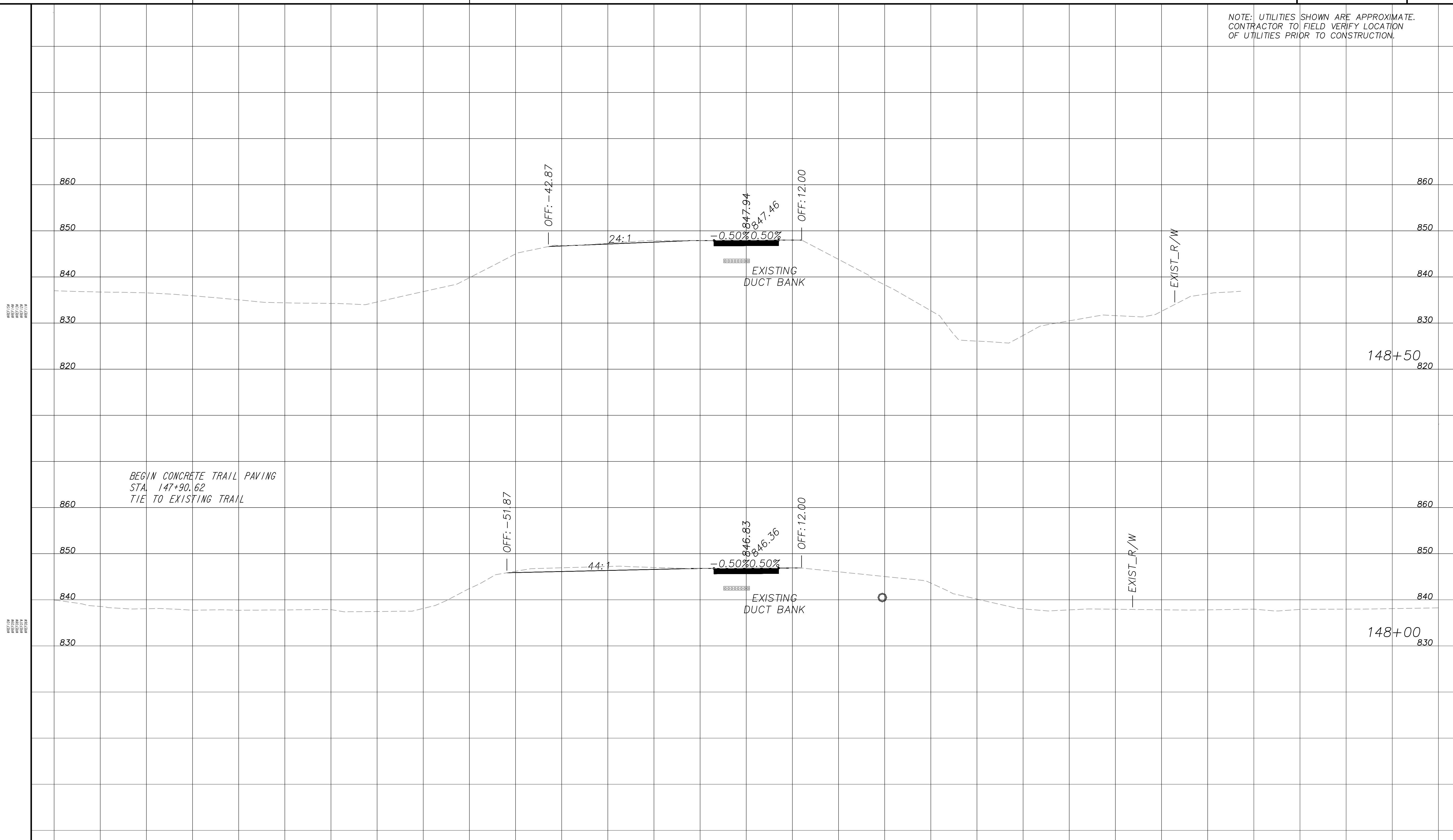


REVISION DATES	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-018
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
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BEGIN CONCRETE TRAIL PAVING STA. 147+90.62 TIE TO EXISTING TRAIL

PROPOSED
PROPOSED
PROPOSED
PROPOSED

PROPOSED
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PROPOSED

PROPERTY AND EXISTING R/W LINE

REQUIRED R/W LINE

CONSTRUCTION LIMITS

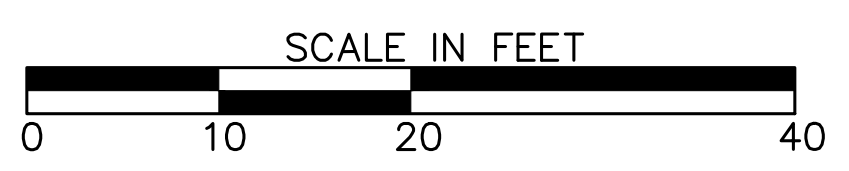
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF SLOPES

TEMPORARY EASEMENT FOR CONST. OF DRIVES

Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700



REVISION DATES	

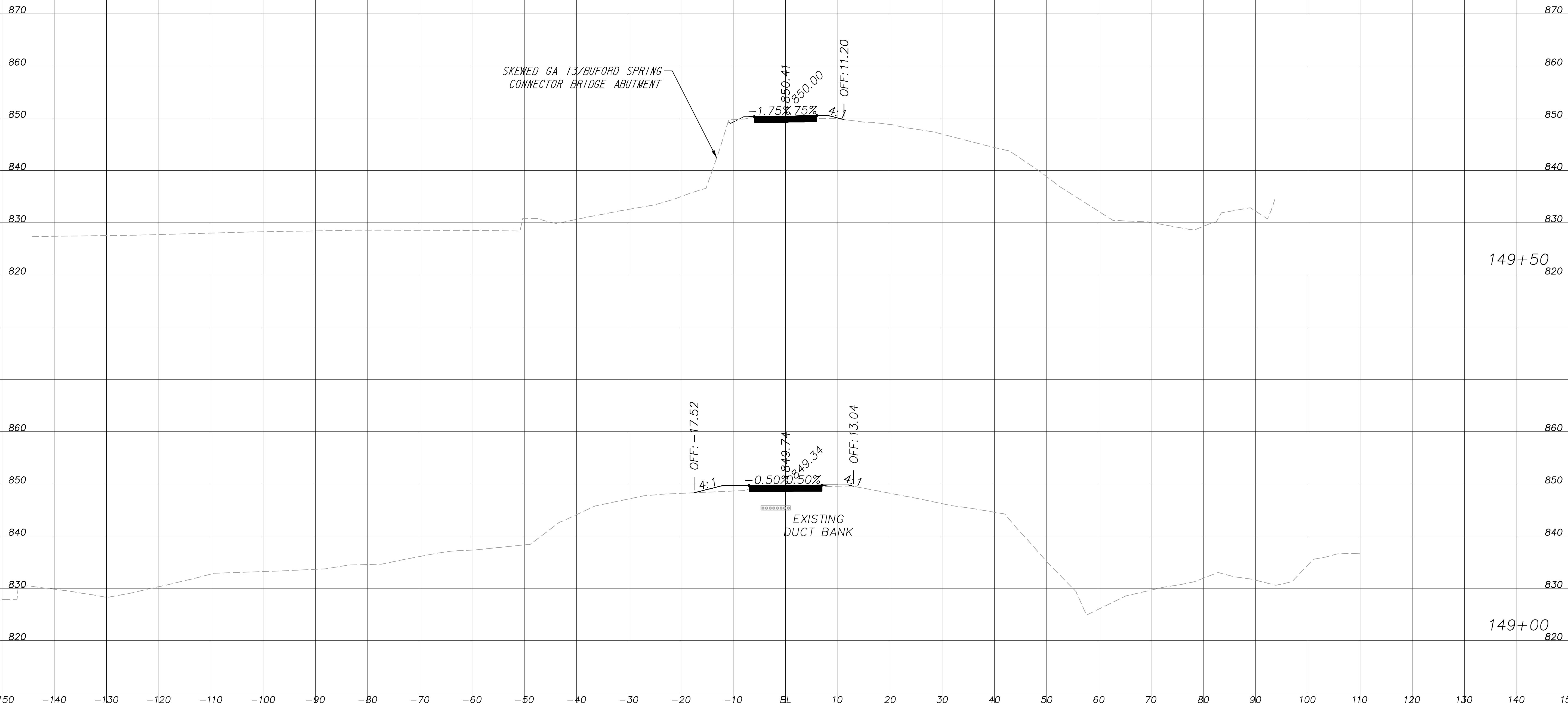
EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-019
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

NOTE: UTILITIES SHOWN ARE APPROXIMATE.
CONTRACTOR TO FIELD VERIFY LOCATION
OF UTILITIES PRIOR TO CONSTRUCTION.

PROPOSED
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PROPOSED

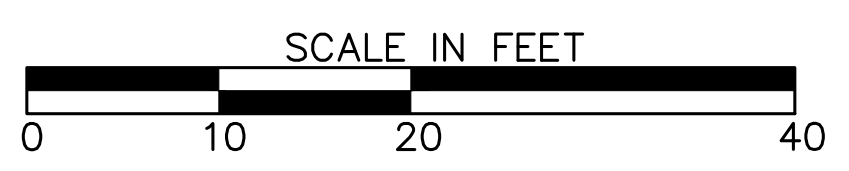
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PROPOSED



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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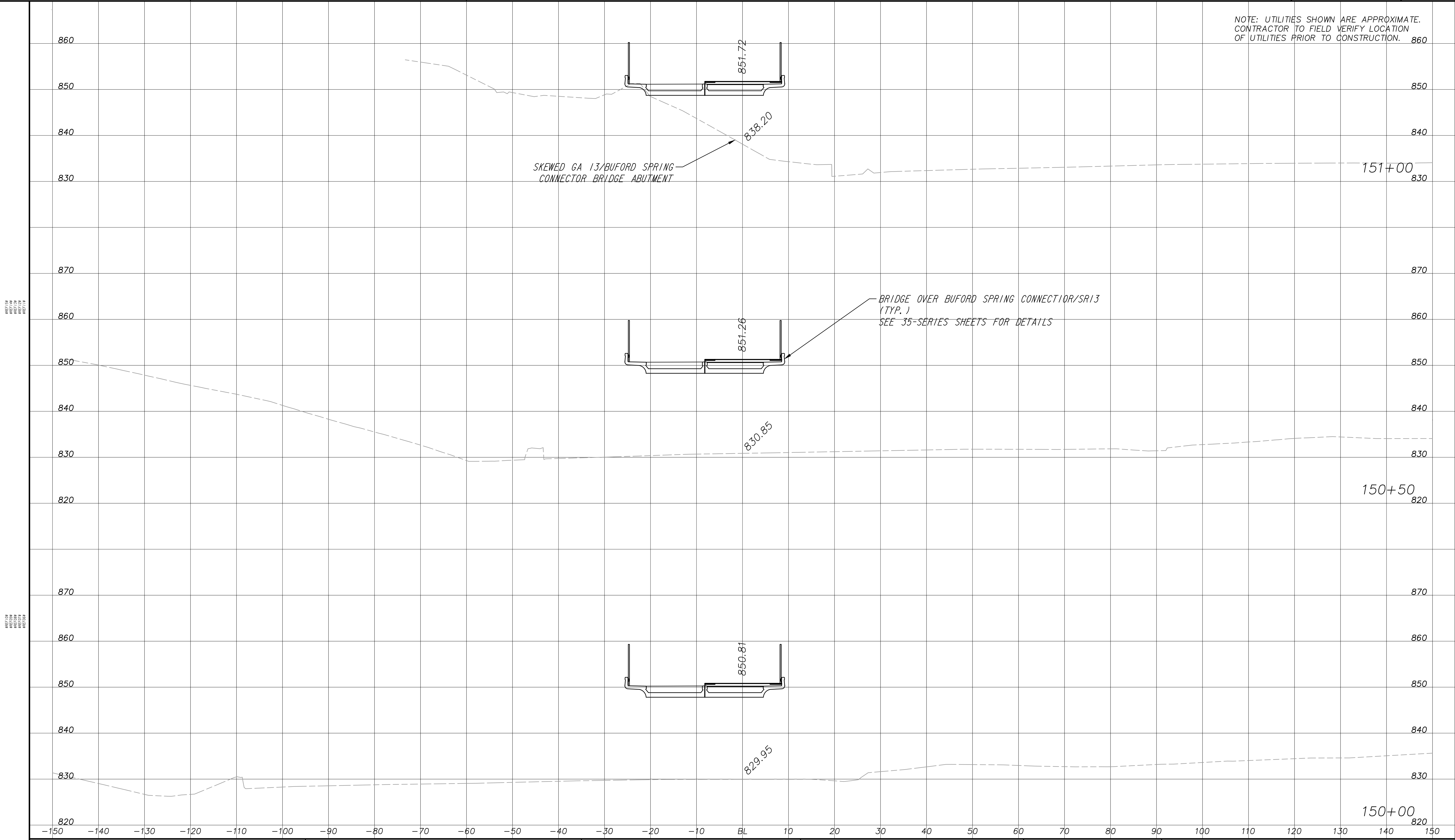


REVISION DATES	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-020
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

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OF UTILITIES PRIOR TO CONSTRUCTION.

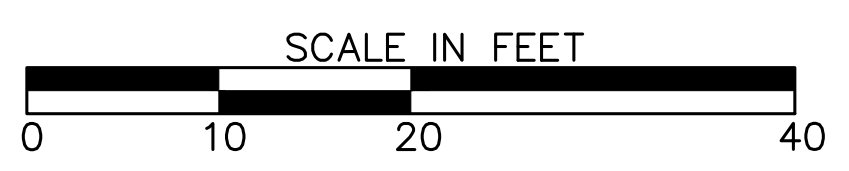


REVISION
NO. DATE
BY

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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ATLANTA, GEORGIA 30308
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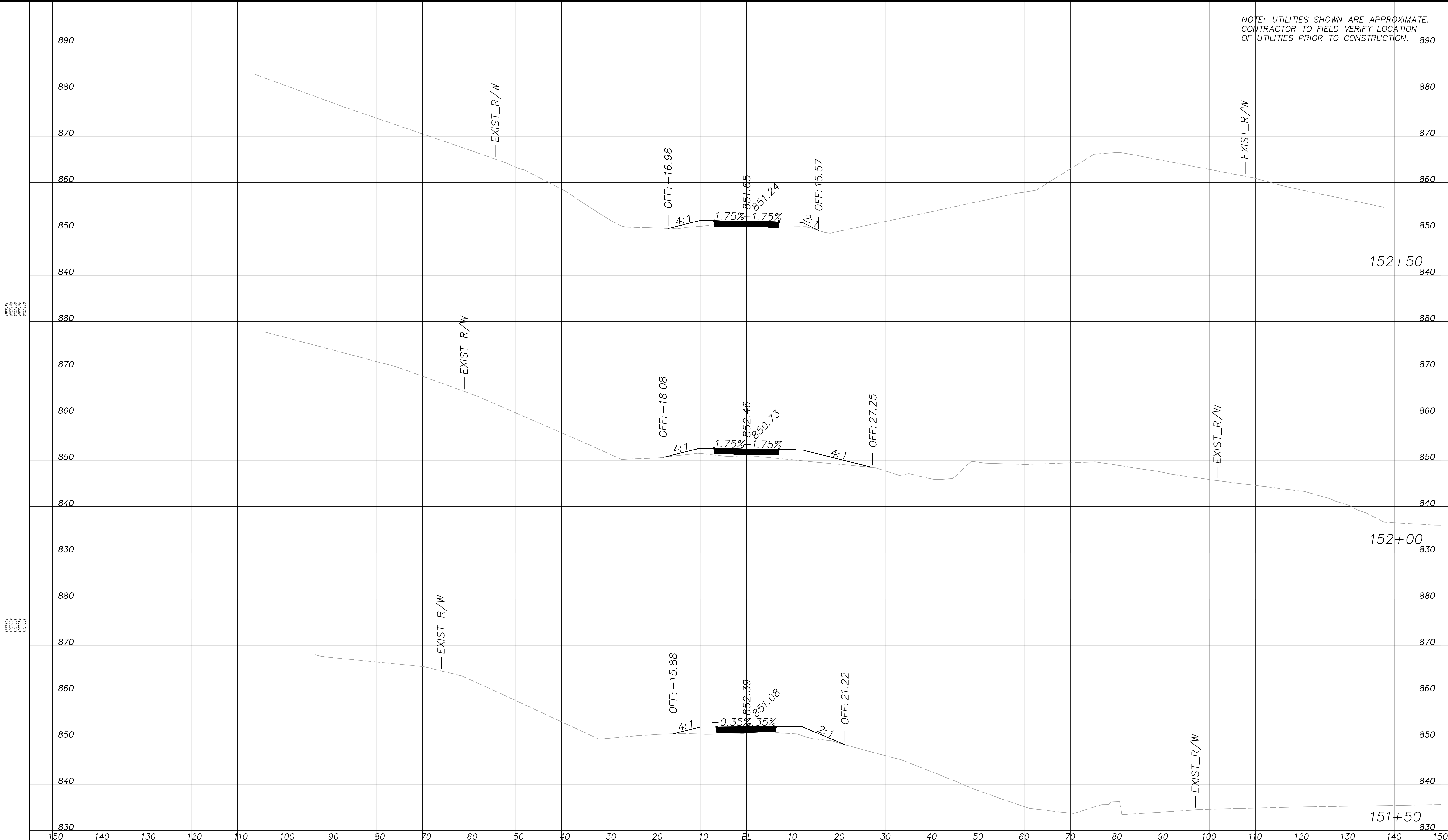


REVISION DATES	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-021
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

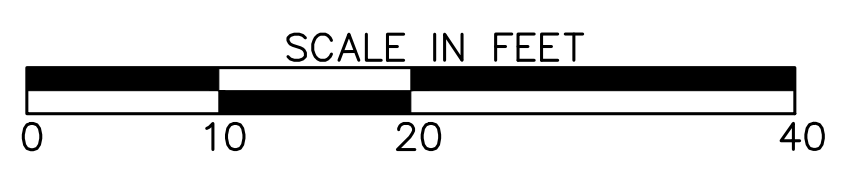
NOTE: UTILITIES SHOWN ARE APPROXIMATE. CONTRACTOR TO FIELD VERIFY LOCATION OF UTILITIES PRIOR TO CONSTRUCTION.



PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---E---F---
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	[Hatched Box]
TEMPORARY EASEMENT FOR CONST. OF SLOPES	[Cross-hatched Box]
TEMPORARY EASEMENT FOR CONST. OF DRIVES	[Diagonal-hatched Box]

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 ATLANTA BELTLINE, INC.
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 817 WEST PEACHTREE STREET, NW
 ATLANTA, GEORGIA 30308
 TEL: (404) 419-8700



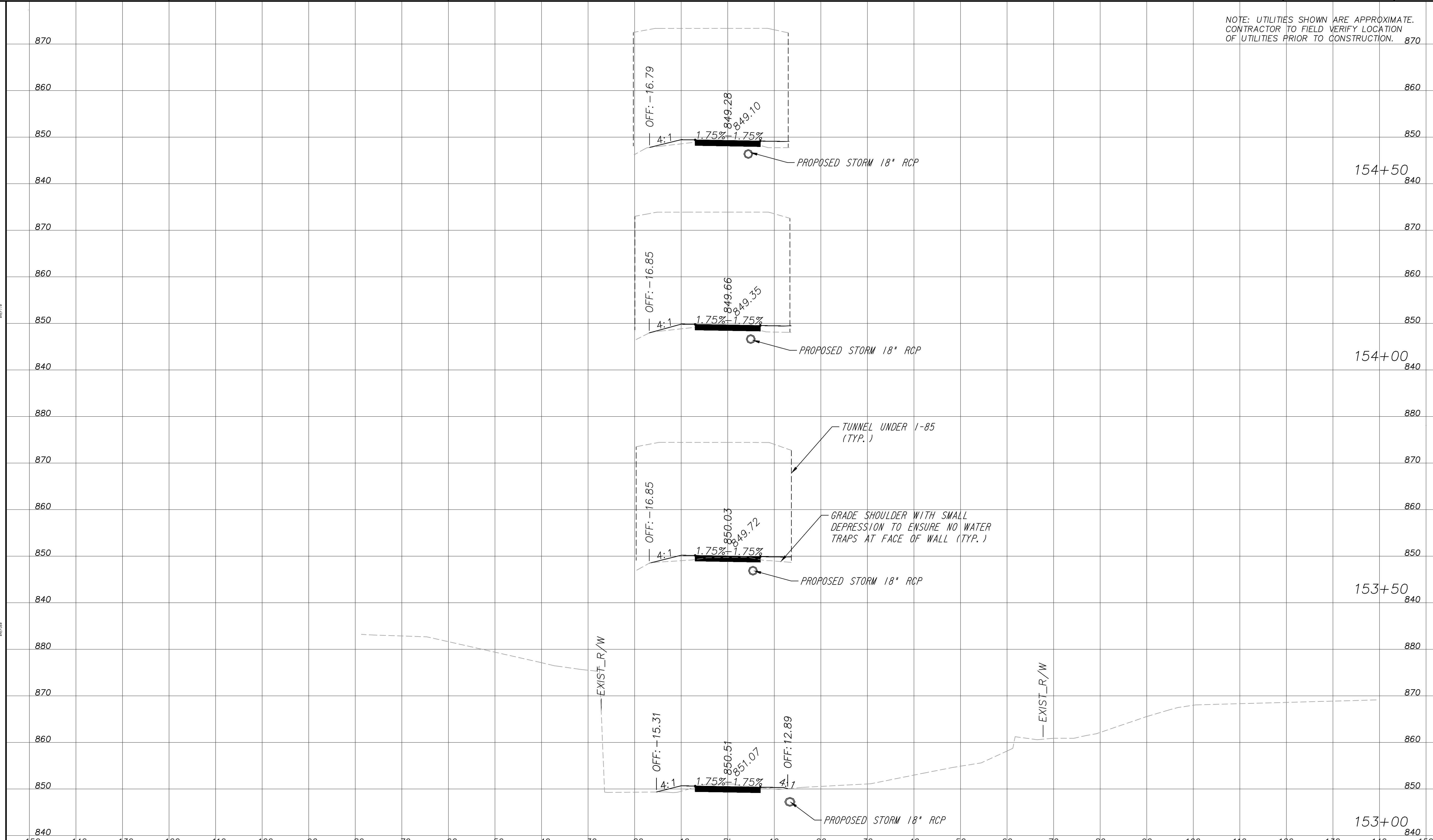
REVISION DATES	

EARTHWORK CROSS SECTIONS
 ATLANTA BELTLINE NORTHEAST TRAIL

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

DRAWING No. **23-022**

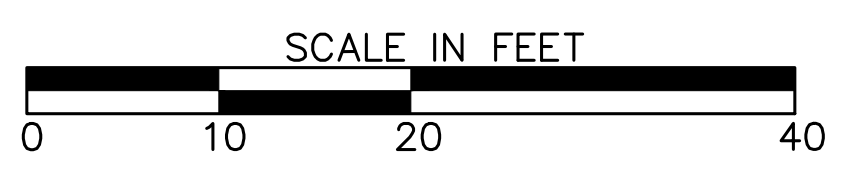
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PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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 ATLANTA, GEORGIA 30308
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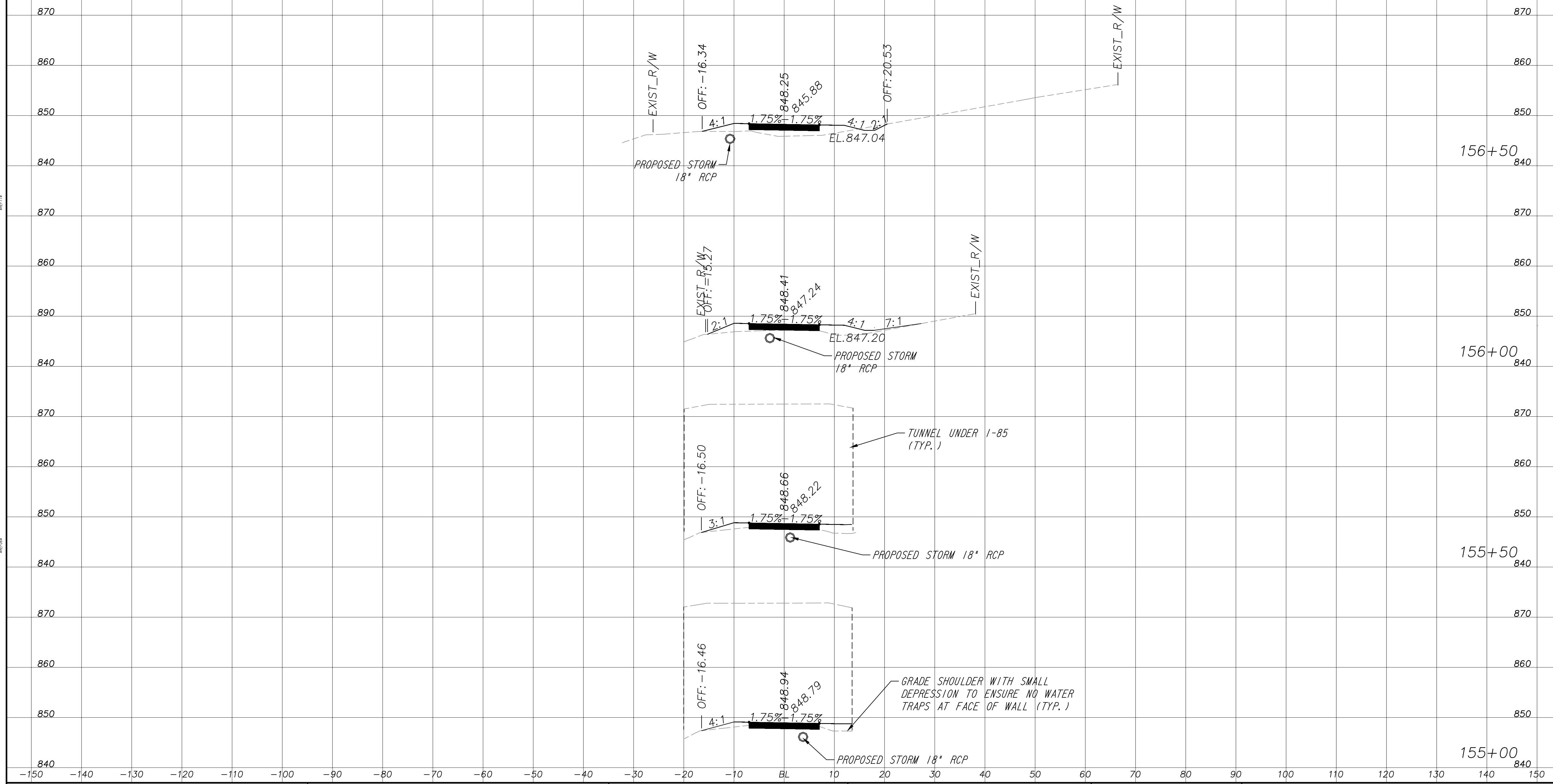


REVISION DATES	

EARTHWORK CROSS SECTIONS
 ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-023
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

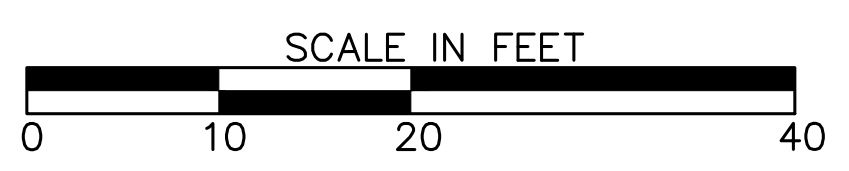
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OF UTILITIES PRIOR TO CONSTRUCTION.



PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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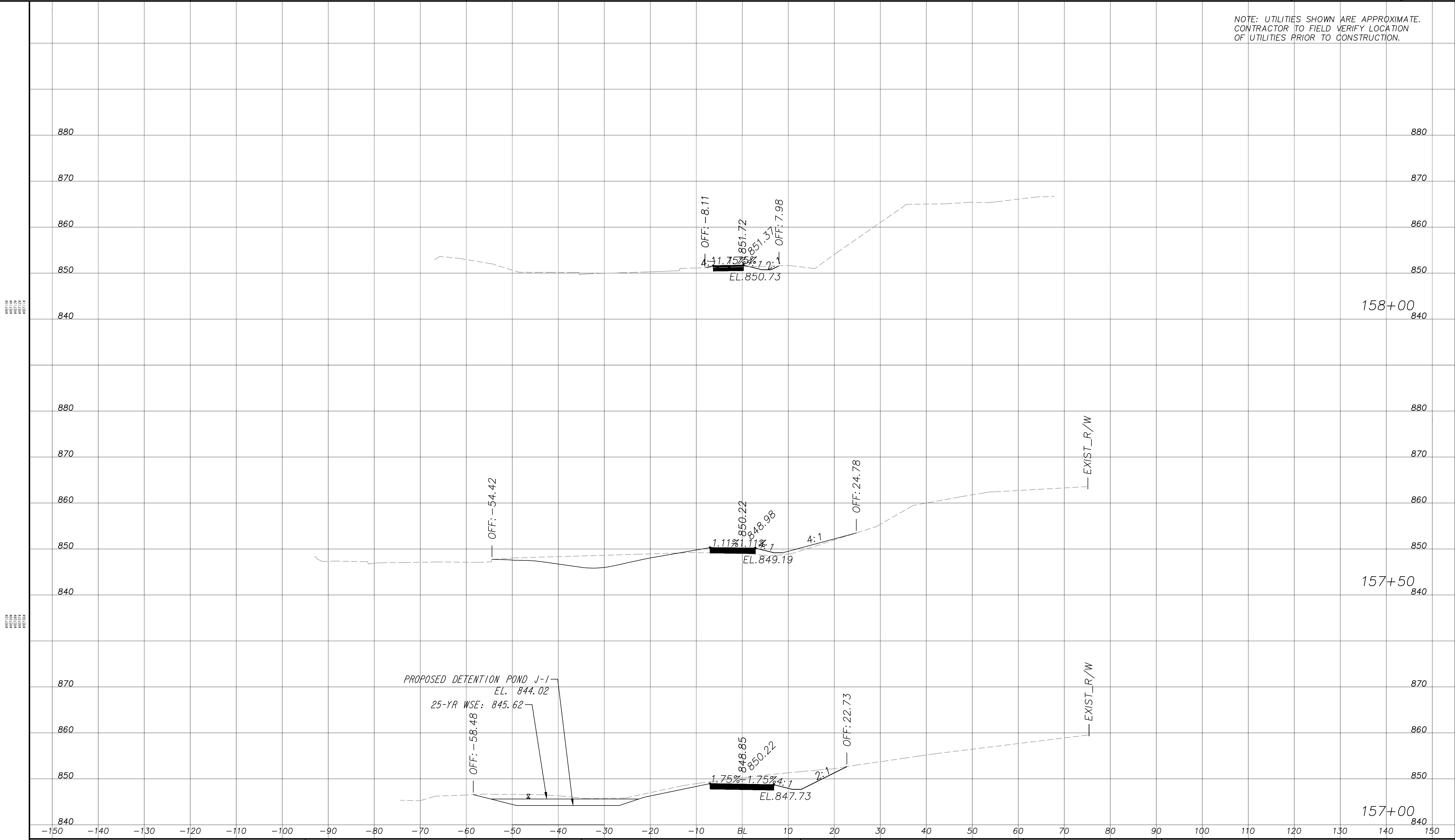


REVISION DATES	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-024
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

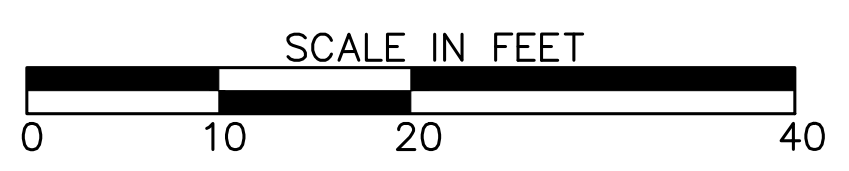
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PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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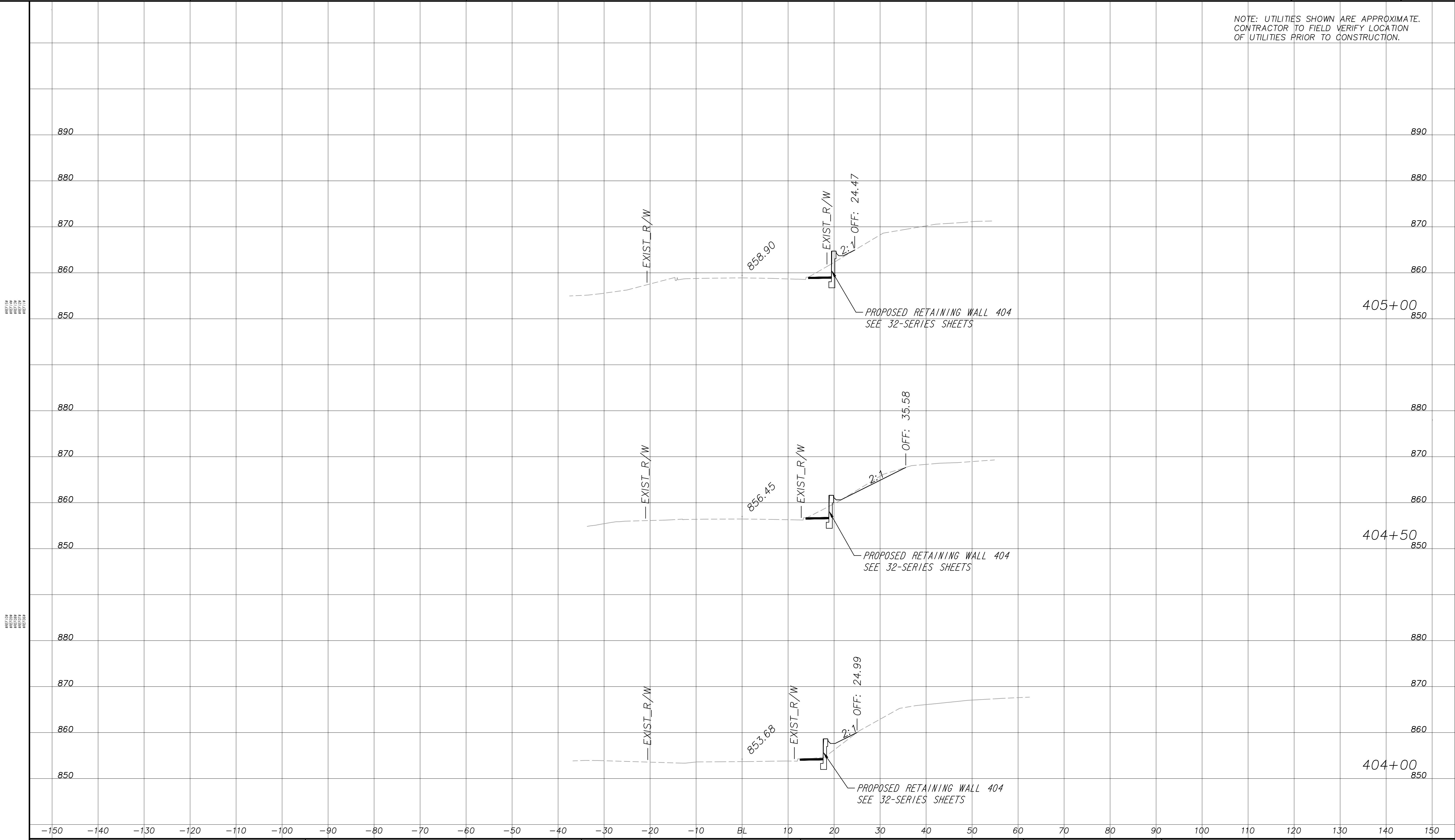


REVISION DATES	
12/17/21	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 23-025
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

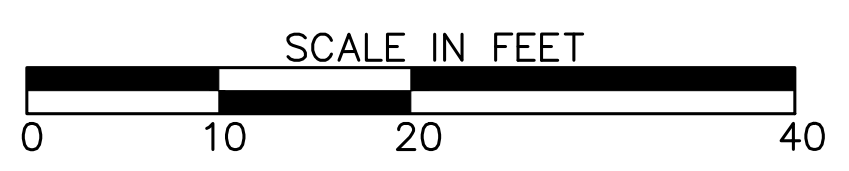
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PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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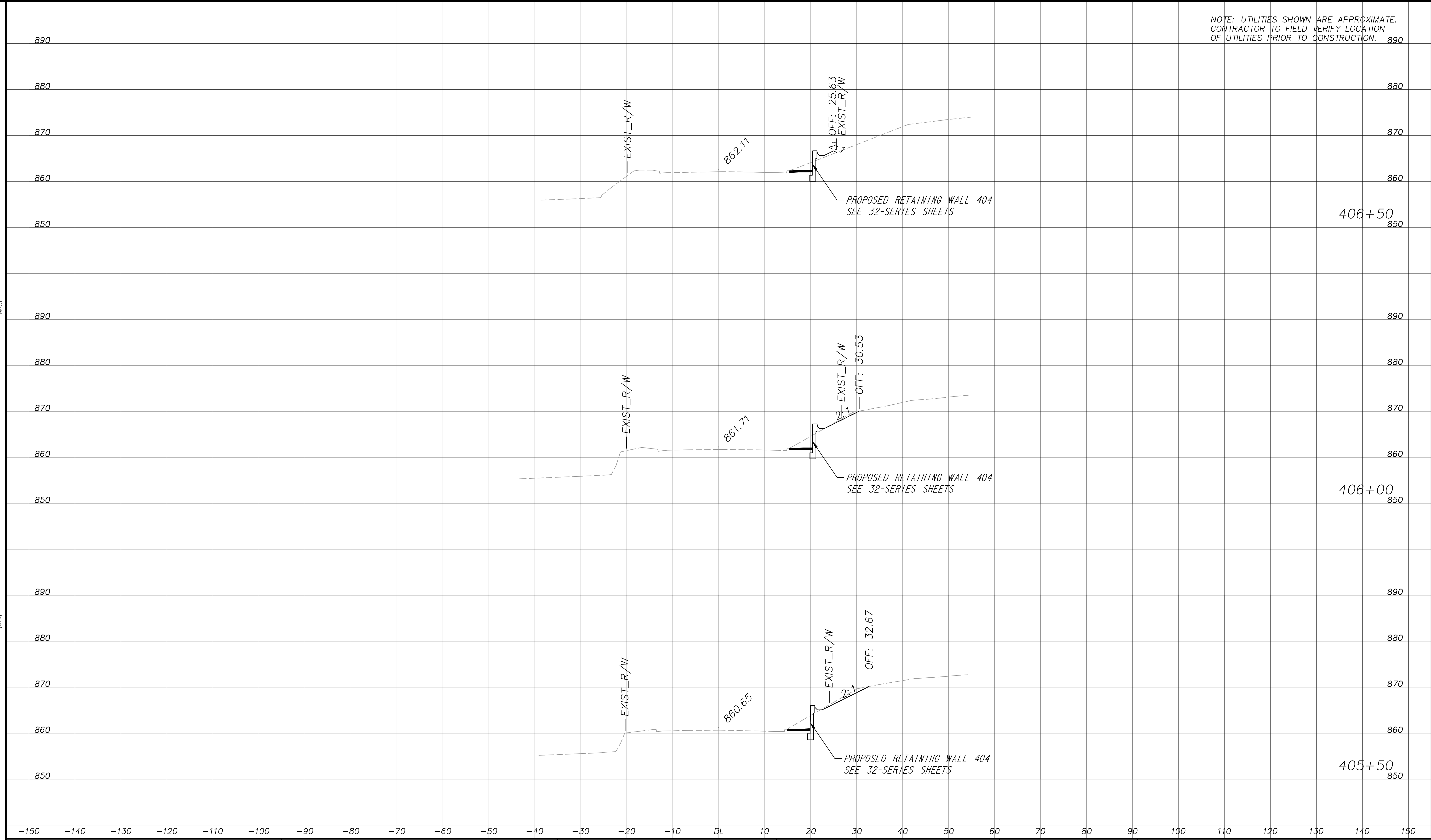


REVISION DATES	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL
MAYSON STREET

CHECKED:	DATE:	DRAWING No. 23-026
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

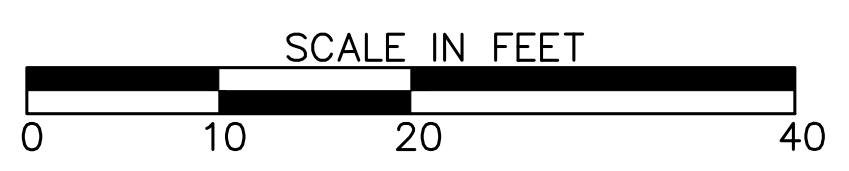
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PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
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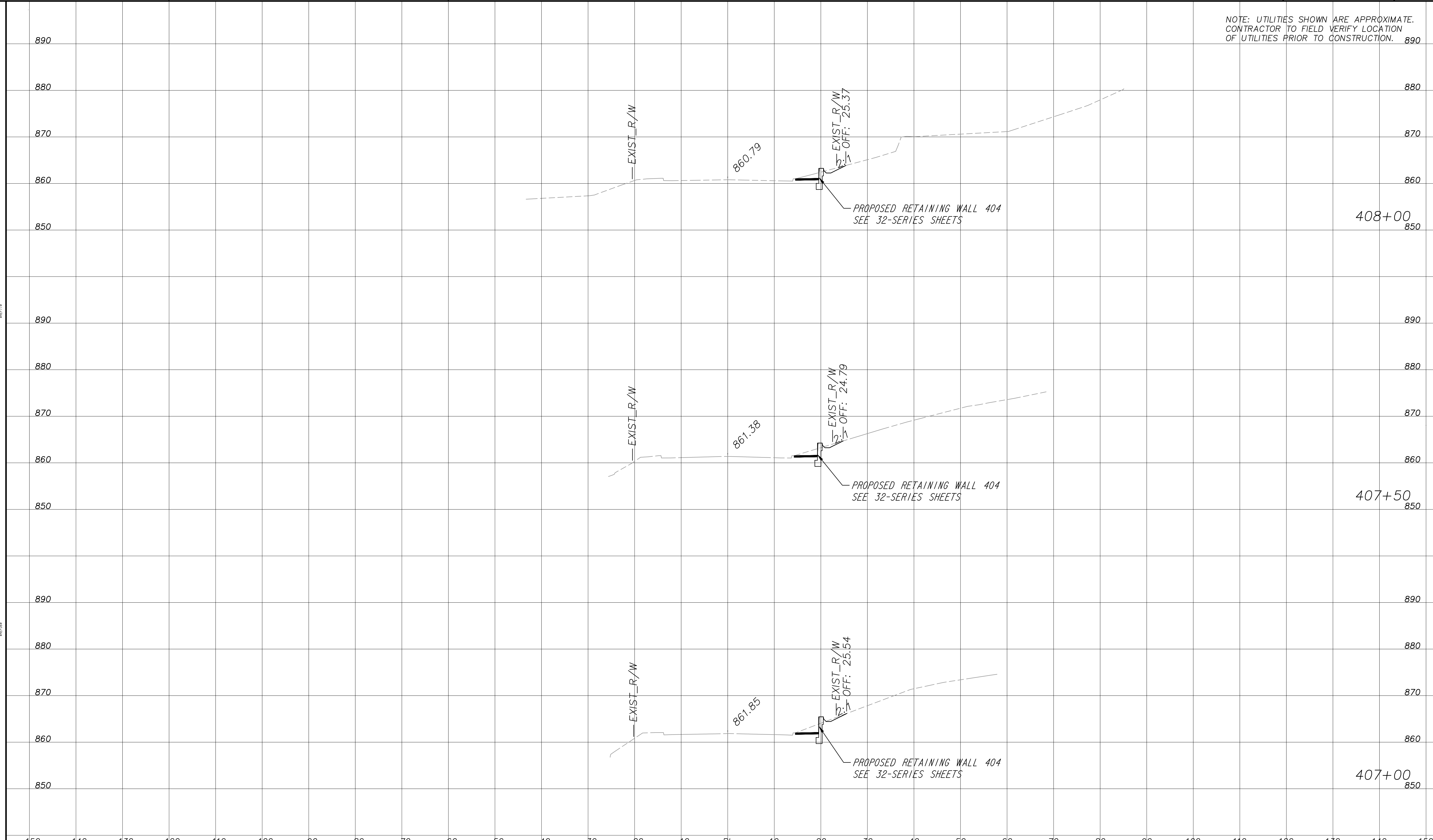


REVISION DATES	

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL
MAYSON STREET

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	23-027
CORRECTED:	DATE:	
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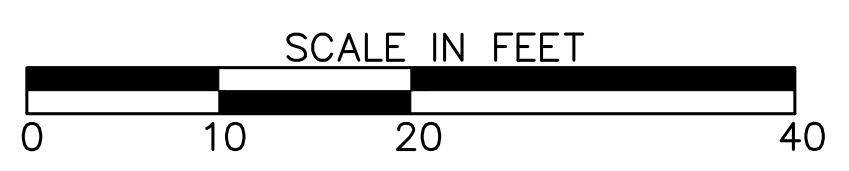
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PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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 ATLANTA, GEORGIA 30308
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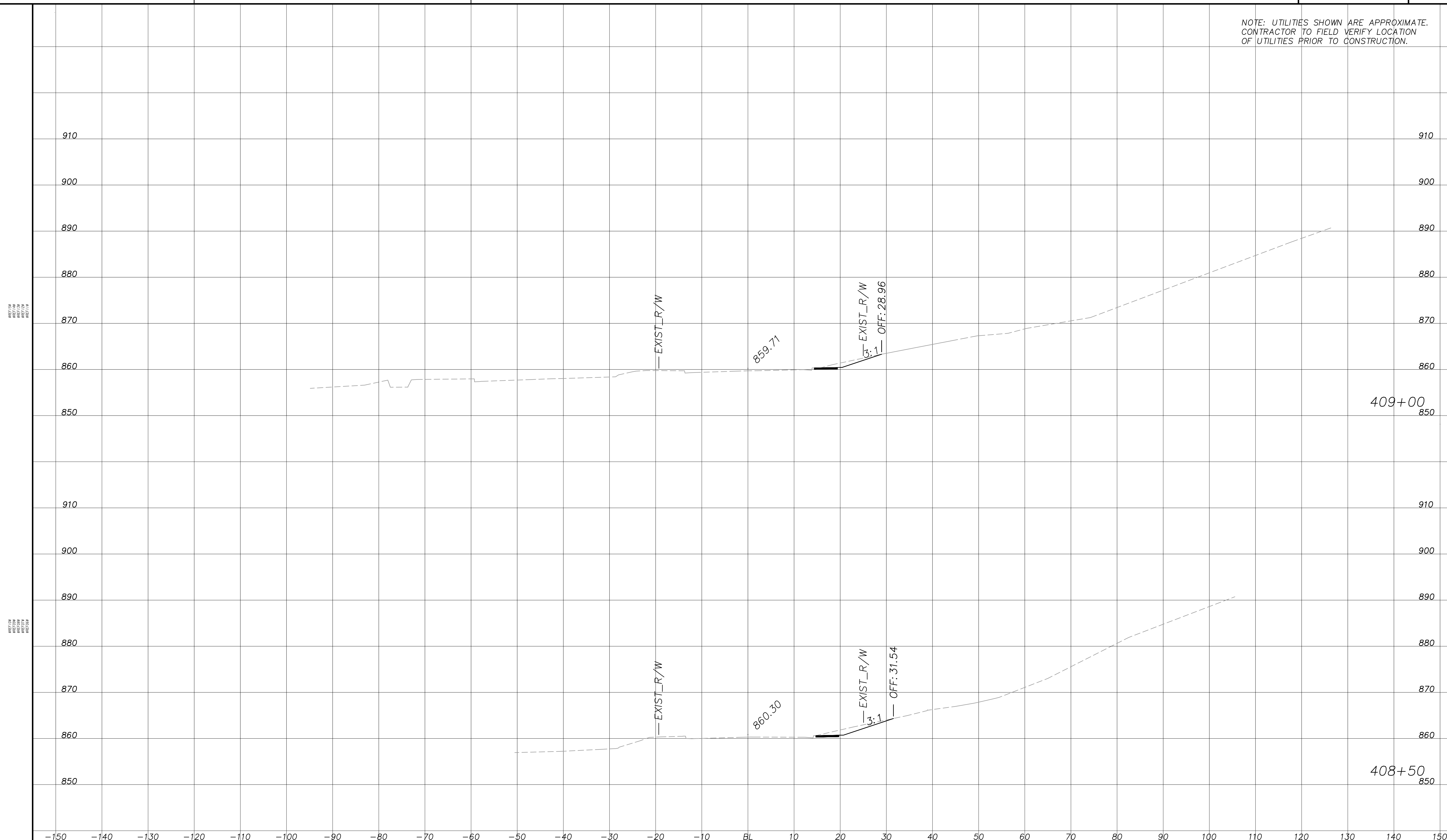


REVISION DATES	

EARTHWORK CROSS SECTIONS
 ATLANTA BELTLINE NORTHEAST TRAIL
 MAYSON STREET

CHECKED:	DATE:	DRAWING No. 23-028
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

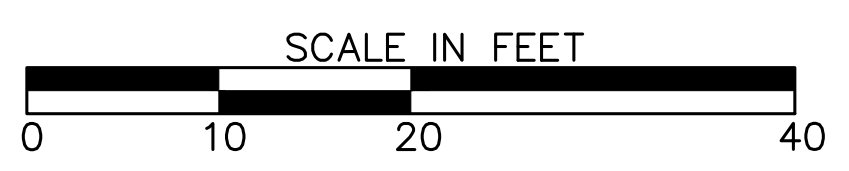
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PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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REVISION DATES	

EARTHWORK CROSS SECTIONS
 ATLANTA BELTLINE NORTHEAST TRAIL
 MAYSON STREET

CHECKED:	DATE:	DRAWING No. 23-029
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

NOTE: UTILITIES SHOWN ARE APPROXIMATE.
CONTRACTOR TO FIELD VERIFY LOCATION
OF UTILITIES PRIOR TO CONSTRUCTION.

WEST OF
PROJECT
AREA

WEST OF
PROJECT
AREA

910
900
890
880
870
860
850

910
900
890
880
870
860
850

EXIST_R/W

859.16

3:1
EXIST_R/W
OFF: 25.04

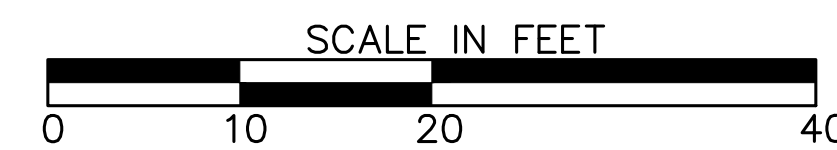
409+50
850

-150 -140 -130 -120 -110 -100 -90 -80 -70 -60 -50 -40 -30 -20 -10 BL 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
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REVISION DATES

EARTHWORK CROSS SECTIONS
ATLANTA BELTLINE NORTHEAST TRAIL

MAYSON STREET

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

DRAWING No.

23-030

UTILITY LINECODES

Table with columns: EXISTING, TO BE REMOVED, PROPOSED, TYPE OF UTILITY. Includes codes like E, E/T/TV, T, TV, T/TV, GW, TC.

Table with columns: EXISTING, TO BE REMOVED, PROPOSED, TYPE OF UTILITY. Includes codes like UE, UT, W, SS, G.

Table with columns: EXISTING, TO BE REMOVED, PROPOSED, TYPE OF UTILITY. Includes codes like DB, C, F, CSX, V.

UTILITY SYMBOLS

Table with columns: EXISTING, PROPOSED, TEMPORARY. Lists symbols for various utilities like poles, manholes, valves, and hydrants.

UTILITIES GENERAL NOTES

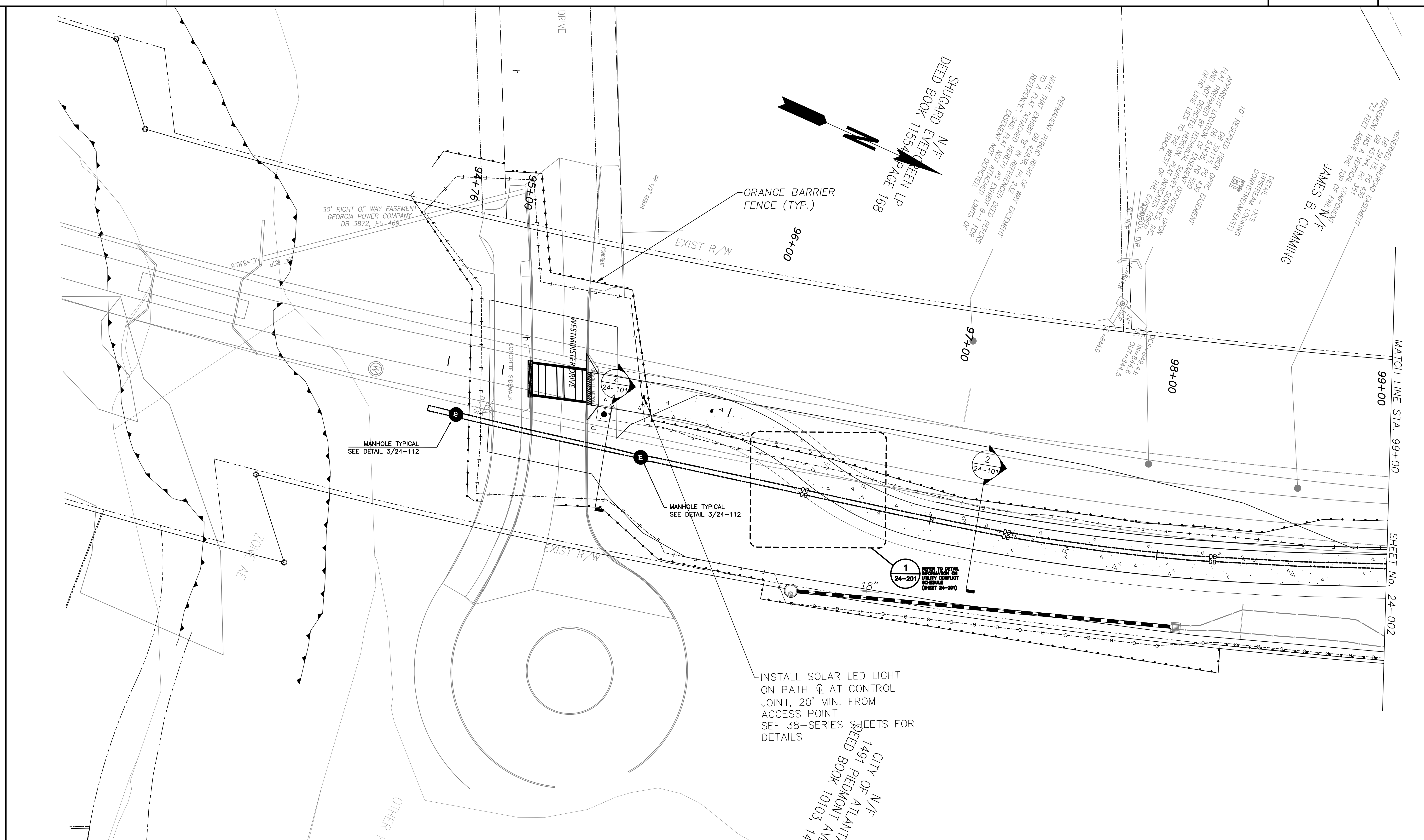
- 1. LOCATIONS, SIZES, AND MATERIALS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE APPROXIMATE... 20. BACKFILL OF ALL TRENCHES SHALL BE FREE OF DEBRIS, STUMPS, ROOTS, OR OTHER FOREIGN MATERIAL...

Table with columns: REVISION DATES, CHECKED, BACKCHECKED, CORRECTED, VERIFIED, DATE, DRAWING No. 24-000.



Atlanta BeltLine logo and RPA logo with contact information for Atlanta Beltline, Inc. and R. Powell & Associates, Inc.





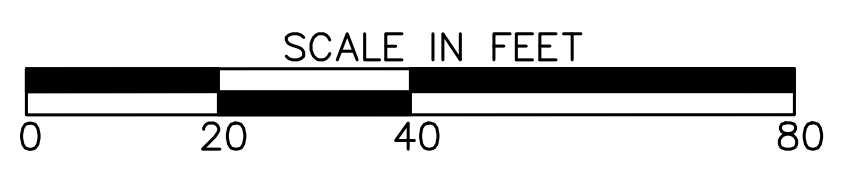
X
24-201

CALL OUTS REFER TO DETAIL INFORMATION ON UTILITY CONFLICT SCHEDULE (SHEET 24-201)



Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET
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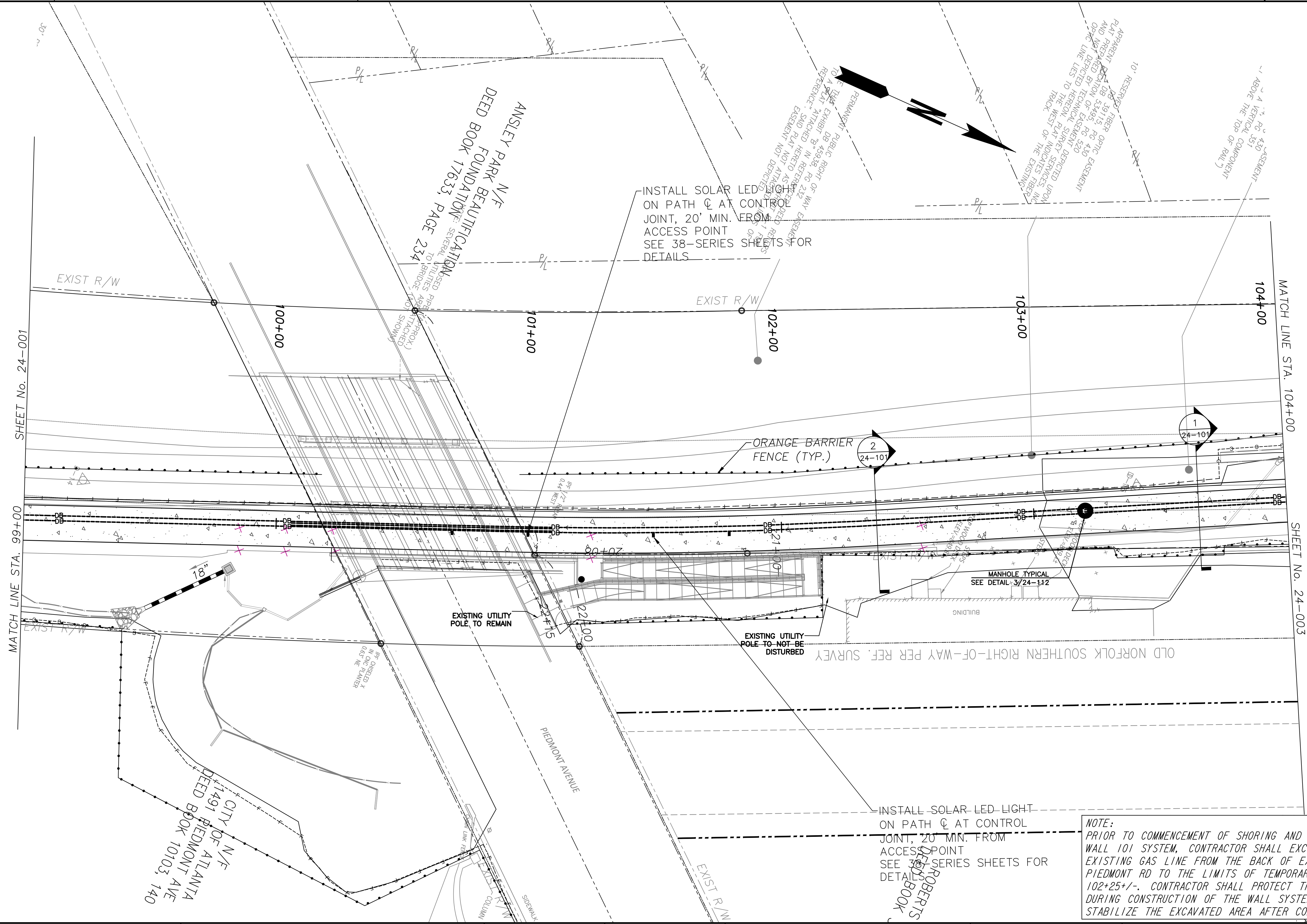
RPA
R. POWELL & ASSOCIATES, INC.
ENGINEERING CONSULTANTS
1312 KILLIAN WAY
LILBURN, GEORGIA 30047
PHONE: 770-506-0143



REVISION DATES	

UTILITY PLANS
ATLANTA BELTLINE NORTHEAST TRAIL
STA. START TO STA. 99+00

CHECKED:	DATE:	DRAWING No. 24-001
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



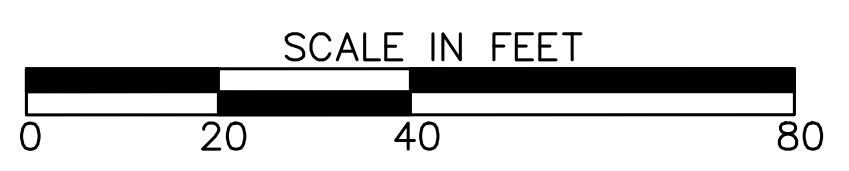
NOTE:
 PRIOR TO COMMENCEMENT OF SHORING AND GRADING ACTIVITIES FOR WALL 101 SYSTEM, CONTRACTOR SHALL EXCAVATE TO REVEAL THE EXISTING GAS LINE FROM THE BACK OF EXISTING SIDEWALK AT PIEDMONT RD TO THE LIMITS OF TEMPORARY EASEMENT AT STA. 102+25+/- . CONTRACTOR SHALL PROTECT THE EXISTING GAS LINE DURING CONSTRUCTION OF THE WALL SYSTEM AND BACKFILL AND STABILIZE THE EXCAVATED AREA AFTER COMPLETION.

X
 24-201
 CALL OUTS REFER TO DETAIL INFORMATION ON UTILITY CONFLICT SCHEDULE (SHEET 24-201)



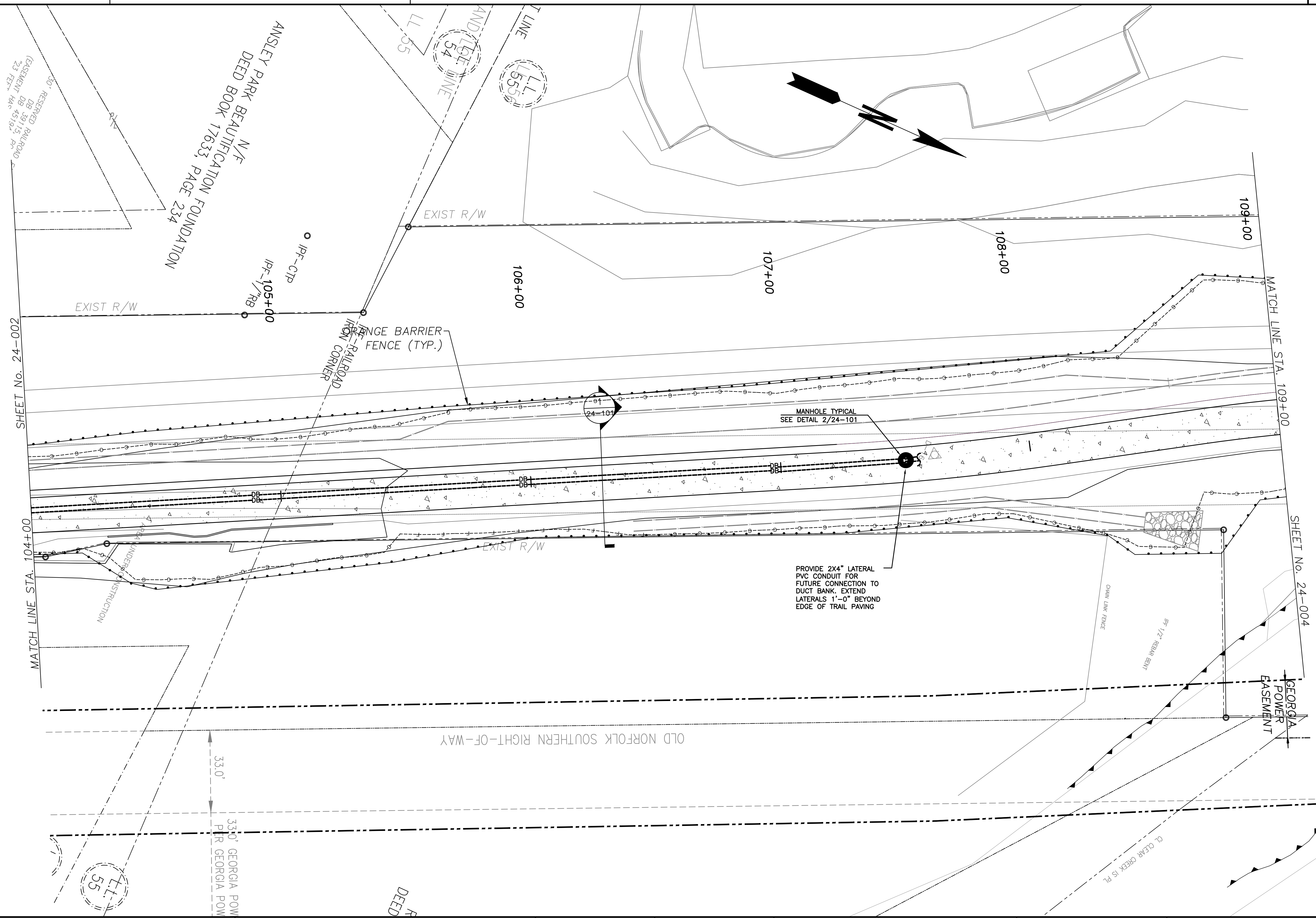
Atlanta BeltLine
 ATLANTA BELTLINE, INC.
 100 PEACHTREE STREET
 SUITE 2300
 ATLANTA, GA 30303
 TEL: (404) 477-3003
 FAX: (404) 477-3606

RPA
 R. POWELL & ASSOCIATES, INC.
 ENGINEERING CONSULTANTS
 1312 KILLIAN WAY
 LILBURN, GEORGIA 30047
 PHONE: 770-806-0143



REVISION DATES	

UTILITY PLANS			
ATLANTA BELTLINE NORTHEAST TRAIL			
STA. 99+00 TO		STA. 104+00	
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			24-002



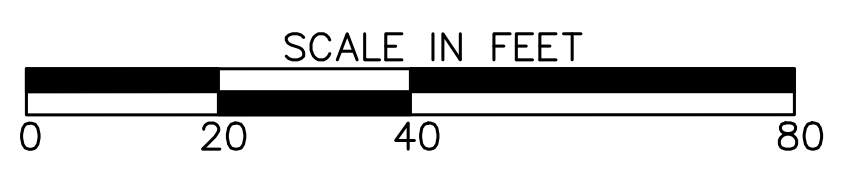
X
24-201

CALL OUTS REFER TO DETAIL
INFORMATION ON UTILITY
CONFLICT SCHEDULE
(SHEET 24-201)



Atlanta BeltLine
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LILBURN, GEORGIA 30047
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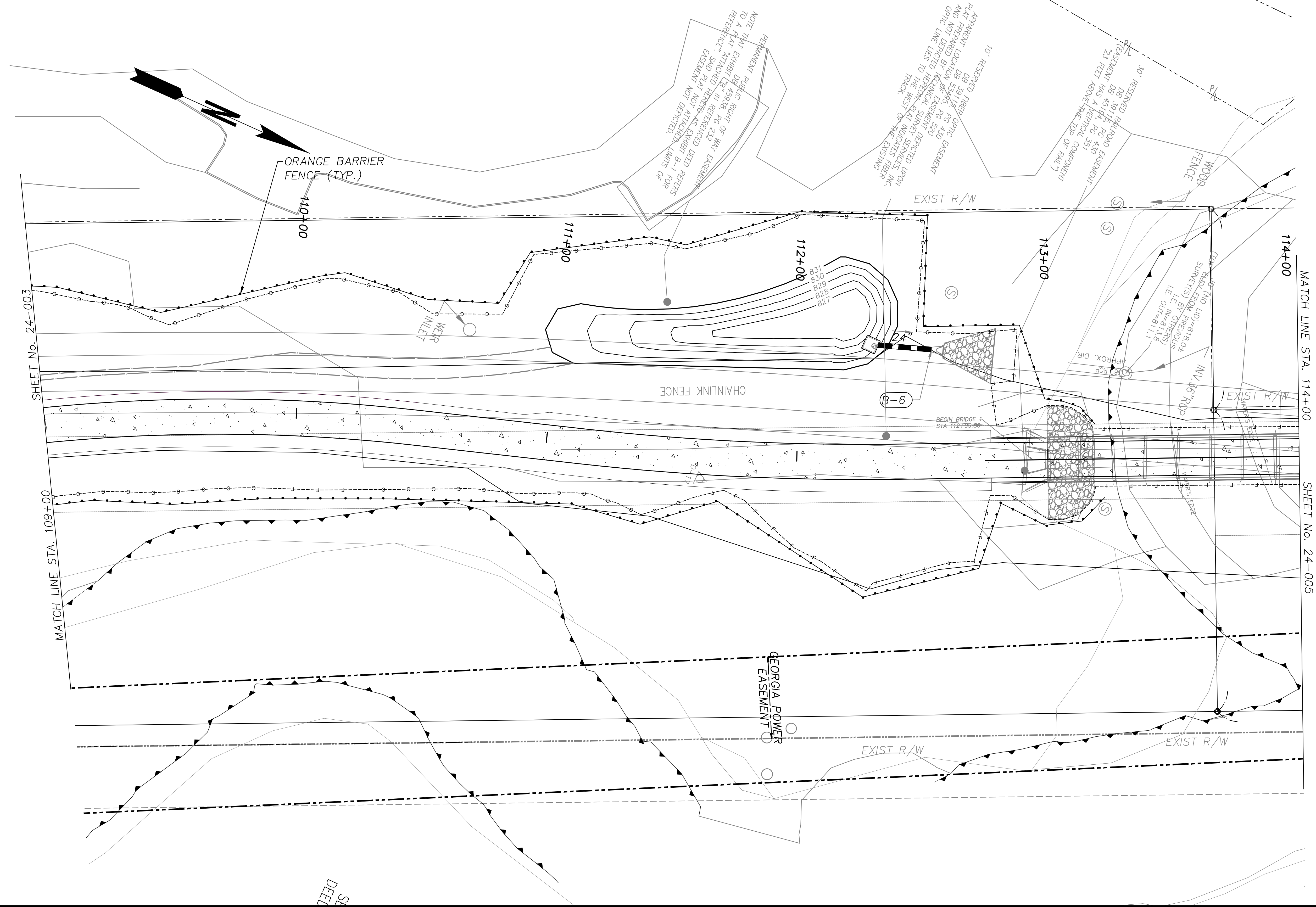


REVISION DATES	

UTILITY PLANS
ATLANTA BELTLINE NORTHEAST TRAIL
STA. 104+00 TO STA. 109+00

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

DRAWING No.
24-003



SHEET No. 24-003

MATCH LINE STA. 109+00

MATCH LINE STA. 114+00

SHEET No. 24-005

X
24-201

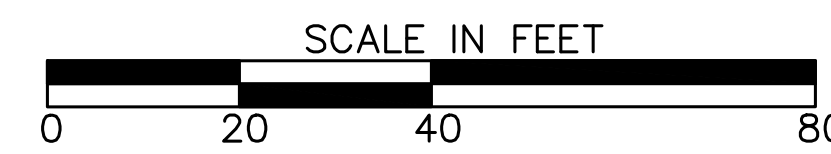
CALL OUTS REFER TO DETAIL
INFORMATION ON UTILITY
CONFLICT SCHEDULE
(SHEET 24-201)



ATLANTA BELTLINE, INC.
100 PEACHTREE STREET
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606



R. POWELL & ASSOCIATES, INC.
ENGINEERING CONSULTANTS
1312 KILLIAN WAY
LILBURN, GEORGIA 30047
PHONE: 770-906-0143



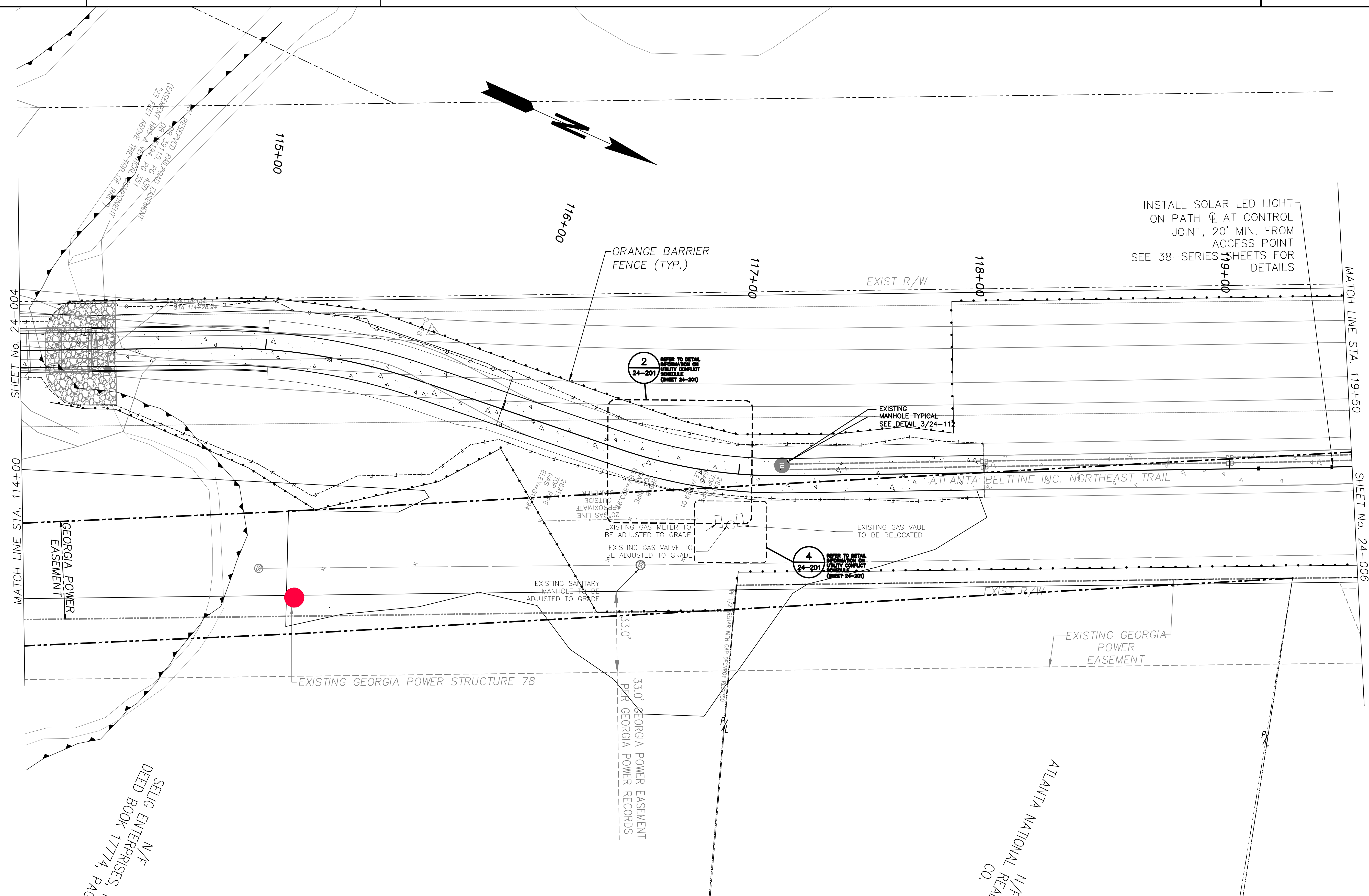
REVISION DATES

NO.	DATE	DESCRIPTION

UTILITY PLANS
ATLANTA BELTLINE NORTHEAST TRAIL
STA. 109+00 TO STA. 114+00

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

DRAWING No.
24-004



INSTALL SOLAR LED LIGHT
ON PATH \bar{C} AT CONTROL
JOINT, 20' MIN. FROM
ACCESS POINT
SEE 38-SERIES SHEETS FOR
DETAILS

2 REFER TO DETAIL
INFORMATION ON
UTILITY CONFLICT
SCHEDULE
(SHEET 24-201)

4 REFER TO DETAIL
INFORMATION ON
UTILITY CONFLICT
SCHEDULE
(SHEET 24-201)

SHEET No. 24-004

MATCH LINE STA. 114+00

MATCH LINE STA. 119+50

SHEET No. 24-006

GEORGIA POWER
EASEMENT

ATLANTA NATIONAL REAL
CO. N/F

SELIG ENTERPRISES, II
N/F
DEED BOOK 17774, PAGE

NOTE:
1. TIE INTO EXISTING ELECTRICAL MANHOLE AND DUCTBANK AT STA 117+18.
2. EXISTING DUCTBANK INSTALLED FROM STA 117+18 TO STA 149+20 UNDER PHASE 1.

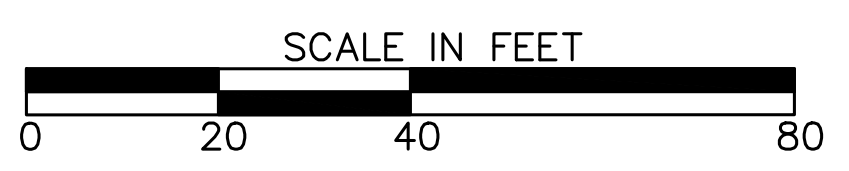
X
24-201

CALL OUTS REFER TO DETAIL
INFORMATION ON UTILITY
CONFLICT SCHEDULE
(SHEET 24-201)



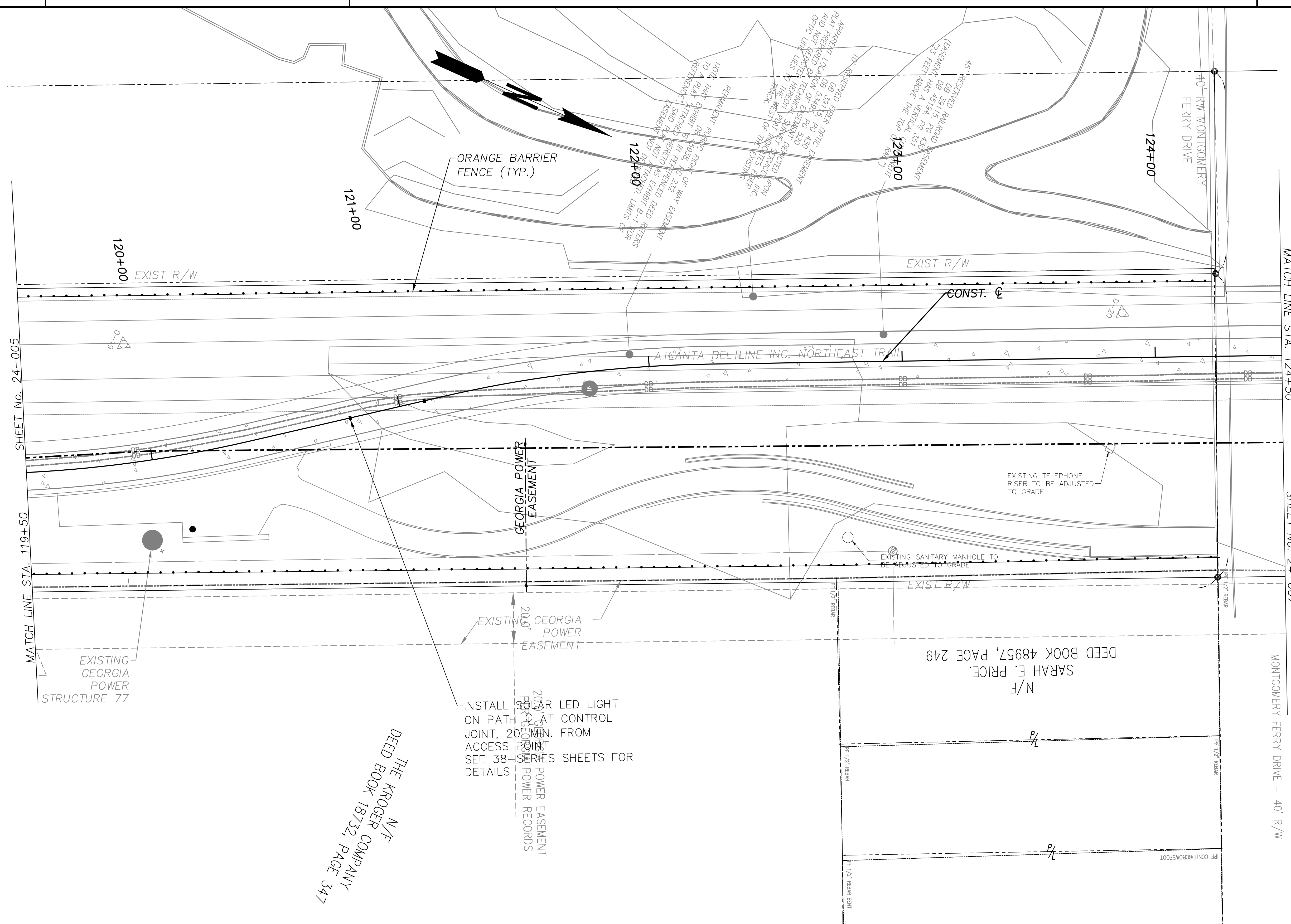
Atlanta BeltLine
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PHONE: 770-806-0143



REVISION DATES	

UTILITY PLANS			
ATLANTA BELTLINE NORTHEAST TRAIL			
STA. 114+00 TO STA. 119+50			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			24-005



SHEET No. 24-005
MATCH LINE STA. 119+50

MATCH LINE STA. 124+50
SHEET No. 24-007

NOTE:
1. EXISTING DUCTBANK INSTALLED FROM STA 117+18 TO STA 149+20 UNDER PHASE 1.

X
24-201

CALL OUTS REFER TO DETAIL INFORMATION ON UTILITY CONFLICT SCHEDULE (SHEET 24-201)

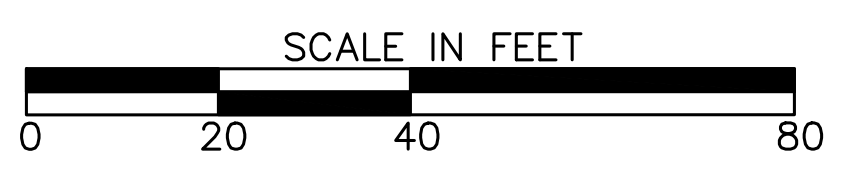
N/F
THE KROGER COMPANY
DEED BOOK 18732, PAGE 347

INSTALL SOLAR LED LIGHT ON PATH AT CONTROL JOINT, 20' MIN. FROM ACCESS POINT. SEE 38-SERIES SHEETS FOR DETAILS



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PHONE: 770-906-0143

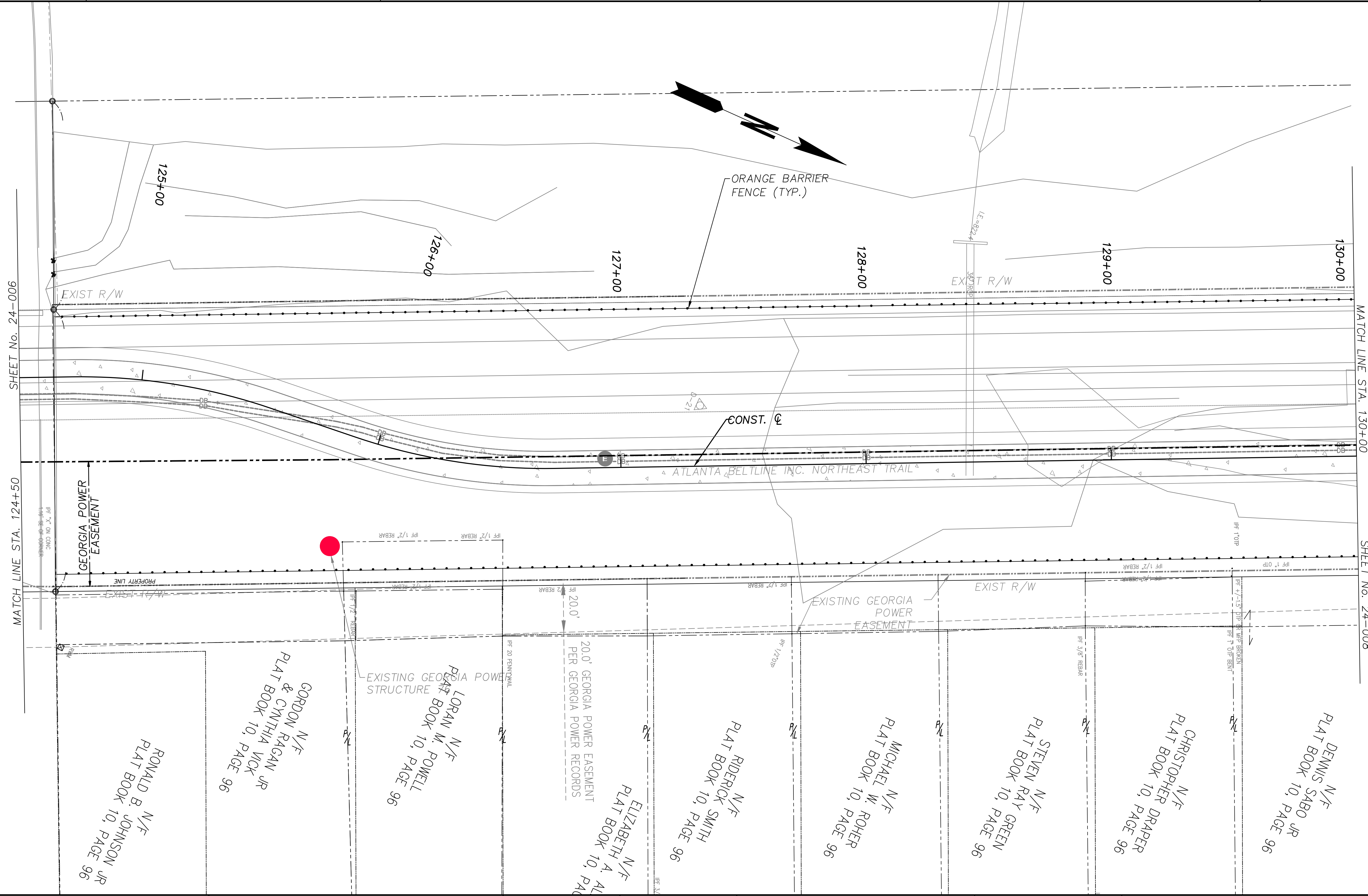


REVISION DATES	

UTILITY PLANS
ATLANTA BELTLINE NORTHEAST TRAIL
STA. 119+50 TO STA. 124+50

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

DRAWING No.
24-006



SHEET No. 24-006

MATCH LINE STA. 124+50

MATCH LINE STA. 130+00

SHEET No. 24-008

NOTE:
 1. EXISTING DUCTBANK INSTALLED FROM STA 117+18 TO STA 149+20 UNDER PHASE 1.

X
 24-201

CALL OUTS REFER TO DETAIL INFORMATION ON UTILITY CONFLICT SCHEDULE (SHEET 24-201)



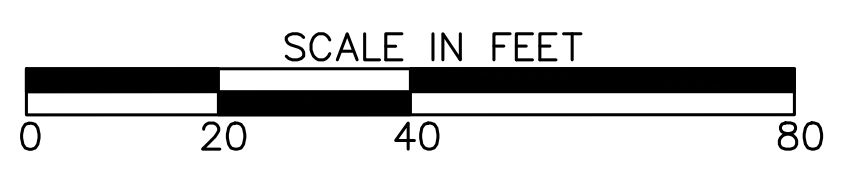
Atlanta BeltLine

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 TEL: (404) 477-3003
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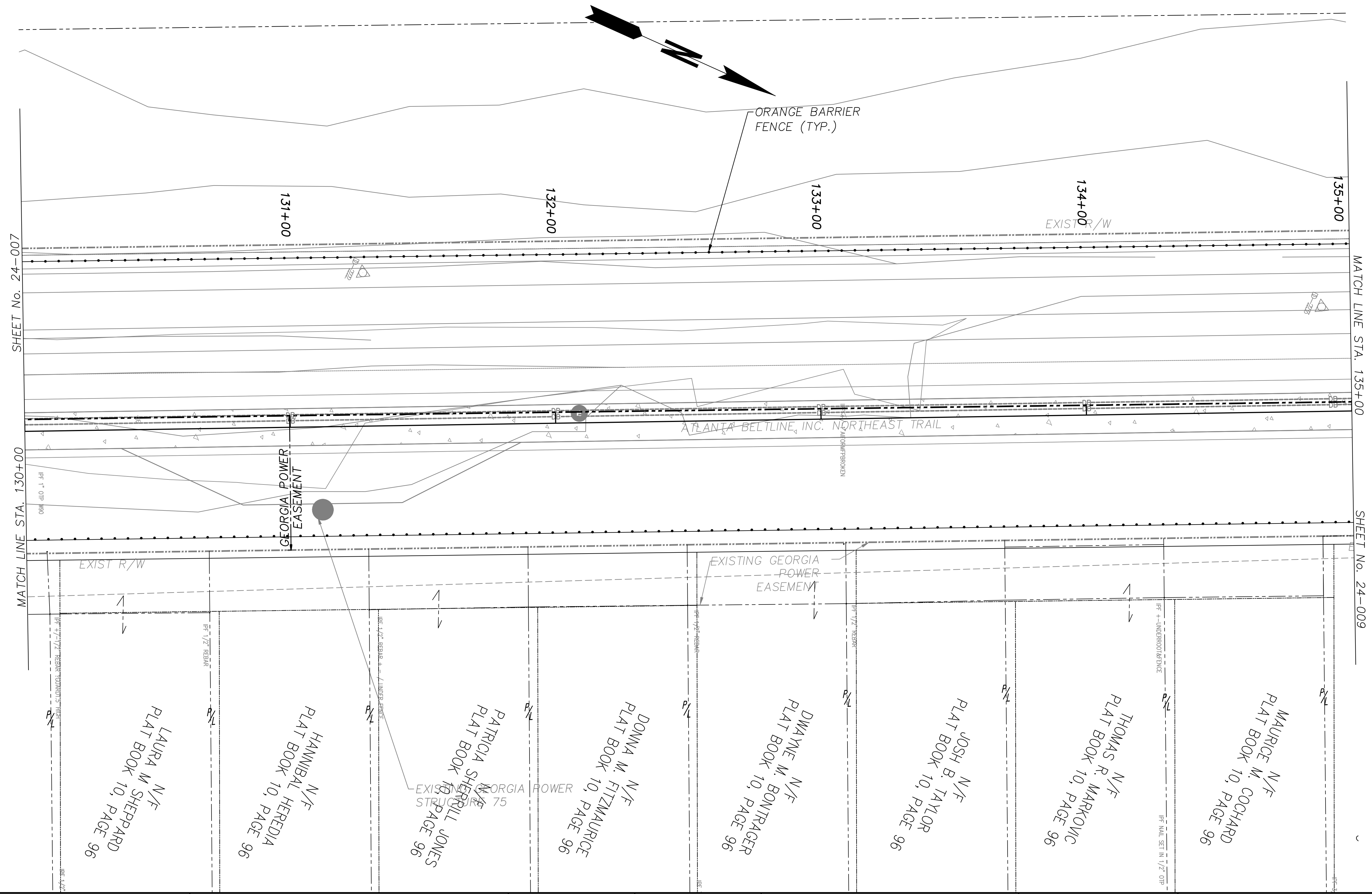
1312 KILLIAN WAY
 LILBURN, GEORGIA 30047
 PHONE: 770-806-0143



REVISION DATES	

UTILITY PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL
 STA. 124+50 TO STA. 130+00

CHECKED:	DATE:	DRAWING No. 24-007
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



SHEET No. 24-007

MATCH LINE STA. 135+00

MATCH LINE STA. 130+00

SHEET No. 24-009

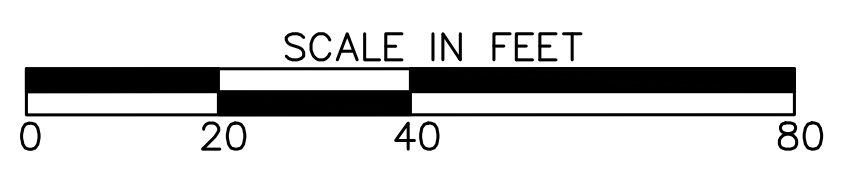
NOTE:
 1. EXISTING DUCTBANK INSTALLED FROM STA 117+18 TO STA 149+20 UNDER PHASE 1.

X
 24-201
 CALL OUTS REFER TO DETAIL INFORMATION ON UTILITY CONFLICT SCHEDULE (SHEET 24-201)



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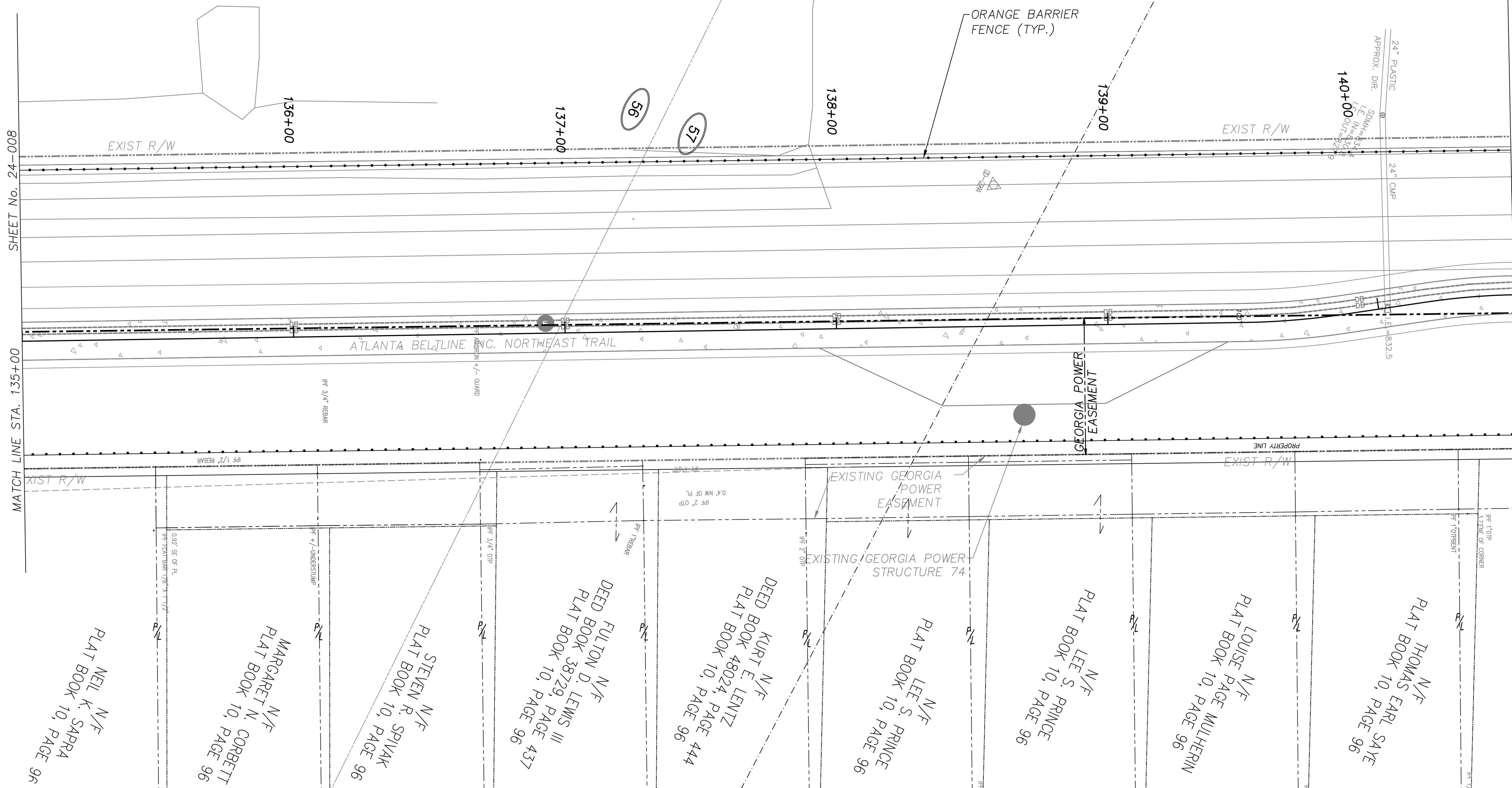
REVISION DATES	

UTILITY PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL
 STA. 130+00 TO STA. 135+00

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

DRAWING No.
24-008

OLD NORFOLK SOUTHERN RIGHT-OF-WAY



SHEET No. 24-008

MATCH LINE STA. 135+00

MATCH LINE STA. 140+50

SHEET No. 24-010

NOTE:
 1. EXISTING DUCTBANK INSTALLED FROM STA 117+18 TO STA 149+20 UNDER PHASE 1.

X
 24-201

CALL OUTS REFER TO DETAIL INFORMATION ON UTILITY CONFLICT SCHEDULE (SHEET 24-201)



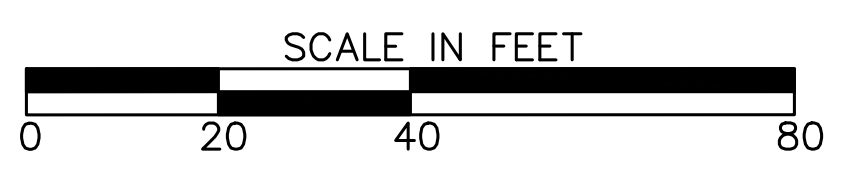
Atlanta BeltLine

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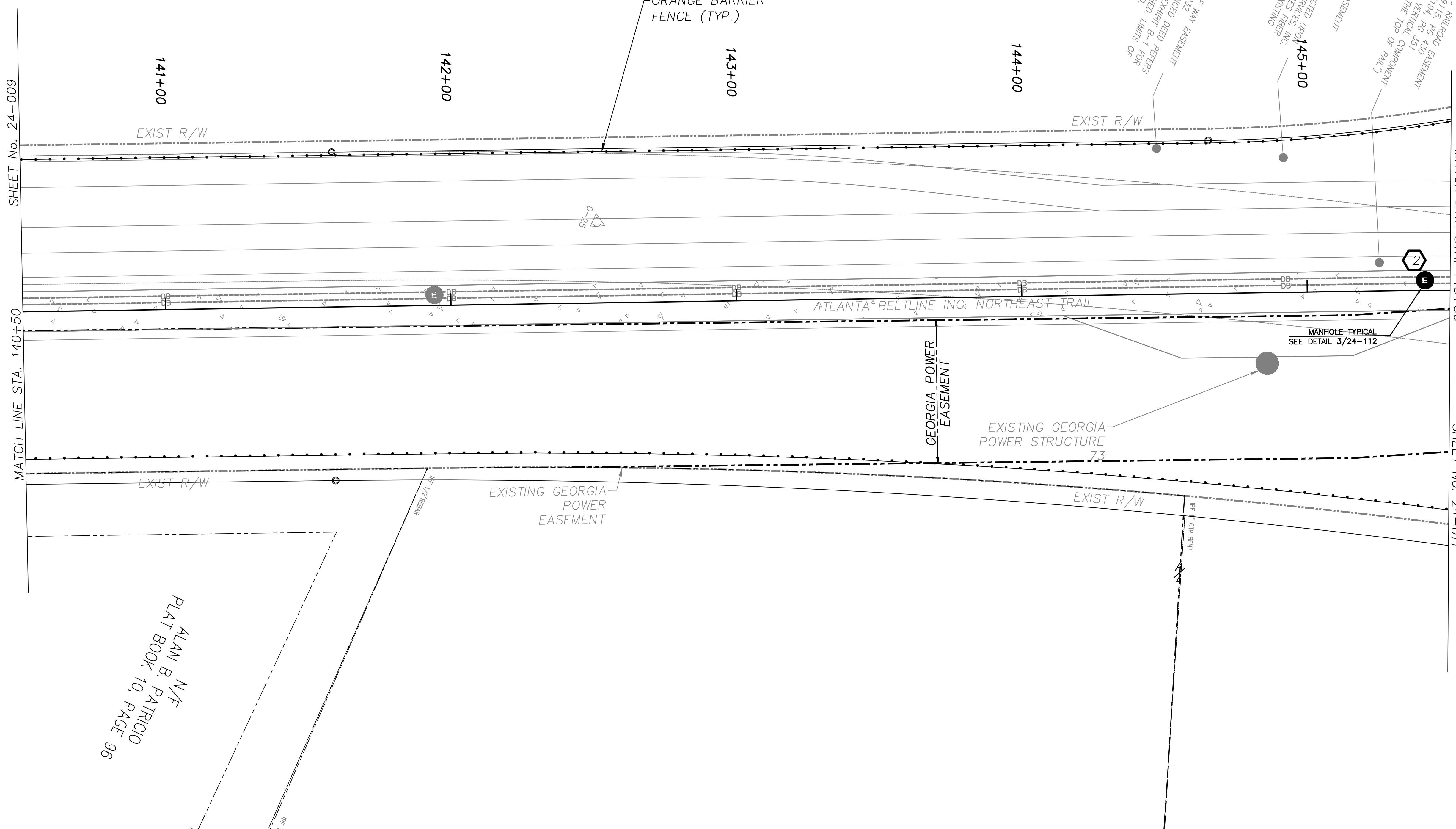
REVISION DATES	

UTILITY PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL
 STA. 135+00 TO STA. 140+50

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

DRAWING No.
24-009

OLD NORFOLK SOUTHERN RIGHT-OF-WAY PER REF. SURVEY



SHEET No. 24-009

MATCH LINE STA. 140+50

MATCH LINE STA. 145+50

SHEET No. 24-011

ALAN B. PATRICIO N/F
PLAT BOOK 10, PAGE 96

KEY NOTES:

1. EXISTING DUCTBANK INSTALLED FROM STA 117+18 TO STA 149+20 UNDER PHASE 1.
2. INSTALL NEW MANHOLE AT STA 145+50

X
24-201

CALL OUTS REFER TO DETAIL INFORMATION ON UTILITY CONFLICT SCHEDULE (SHEET 24-201)



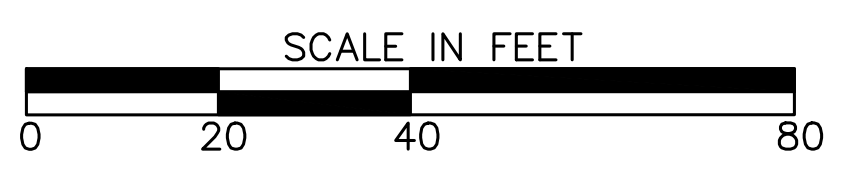
Atlanta BeltLine

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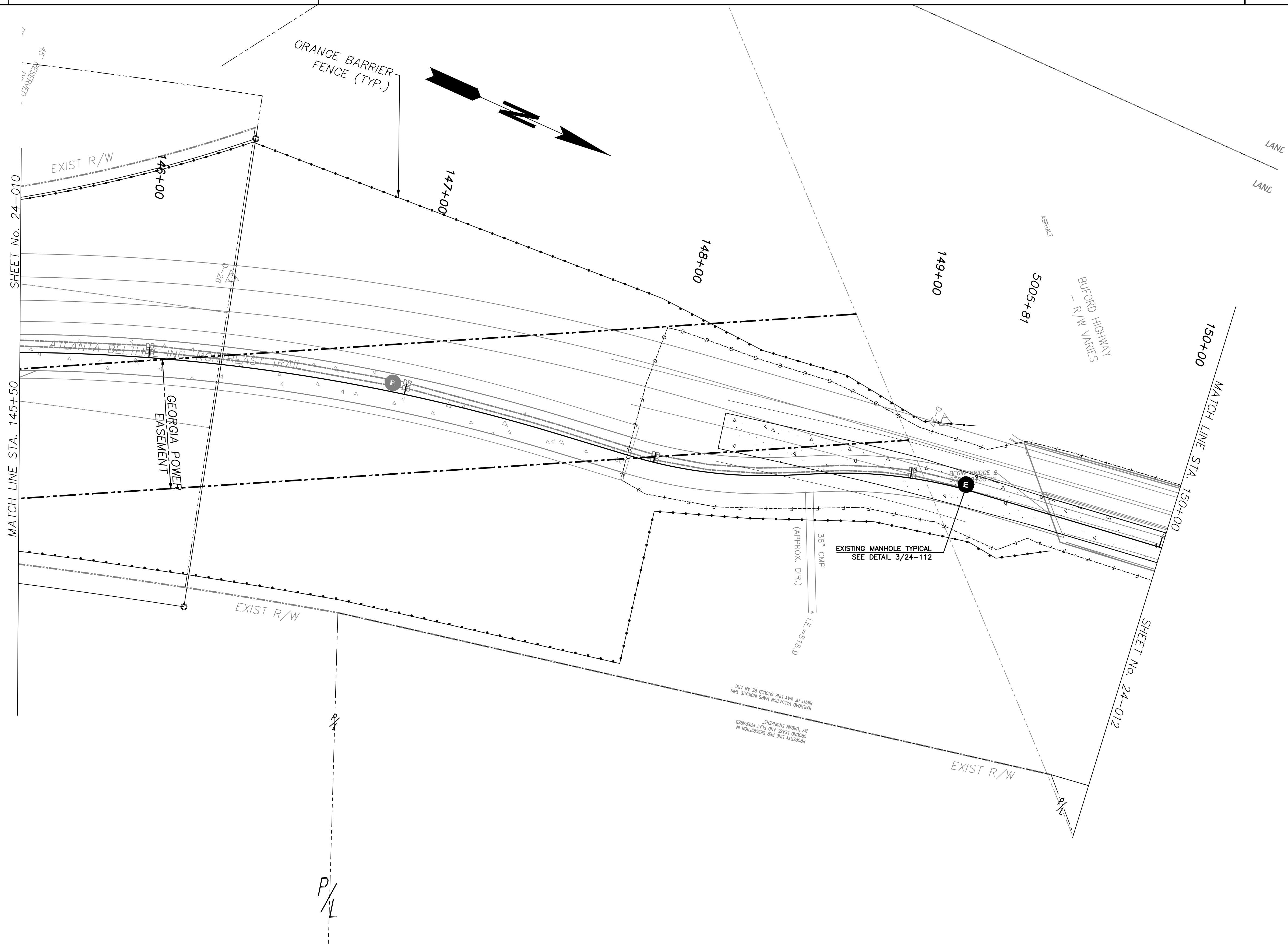


REVISION DATES	

UTILITY PLANS
ATLANTA BELTLINE NORTHEAST TRAIL
STA. 140+50 TO STA. 145+50

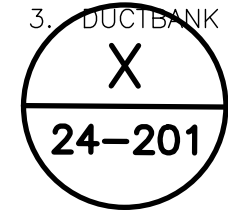
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BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	

DRAWING No.
24-010



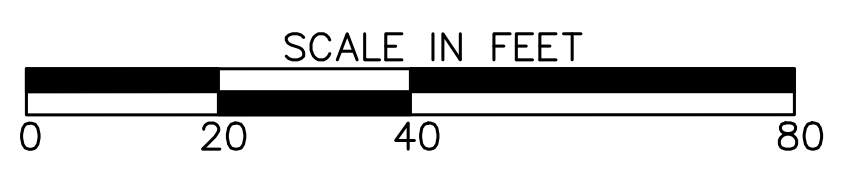
NOTE:
 1. EXISTING DUCTBANK INSTALLED FROM STA 117+18 TO STA 149+20 UNDER PHASE 1.
 2. EXISTING ELECTRICAL MANHOLE AND DUCTBANK AT STA 149+20.
 3. DUCTBANK ENDS AT STA 149+20.

CALL OUTS REFER TO DETAIL INFORMATION ON UTILITY CONFLICT SCHEDULE (SHEET 24-201)



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 1312 KILLIAN WAY
 LILBURN, GEORGIA 30047
 PHONE: 770-806-0143



REVISION DATES	

UTILITY PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL
 STA. 145+50 TO STA. 150+00

CHECKED:		DATE:		DRAWING No. 24-011
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		

LOT 103

LOT 57

SHEET No. 24-011

MATCH LINE STA. 150+00

MATCH LINE STA. 155+00

SHEET No. 24-013

151+00

152+00

153+00

154+00

ORANGE BARRIER FENCE (TYP.)

EXIST R/W

NORFOLK SOUTHERN
RIGHT OF WAY
(V-12A-1 & V-67-17)

CONCRETE FLUME

END BRIDGE 2
STA 151+20.09

RAILROAD
SIDEWALK

CONCRETE
WING WALL

CONCRETE FLUME

NORFOLK SOUTHERN
RIGHT OF WAY
(V-12A-1 & V-67-17)

EXIST R/W

INTERSTATE 85
EXIT RAMP

INTERSTATE 85
NORTH BOUND

X
24-201

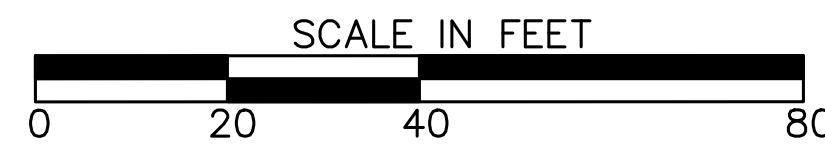
CALL OUTS REFER TO DETAIL
INFORMATION ON UTILITY
CONFLICT SCHEDULE
(SHEET 24-201)



ATLANTA BELTLINE, INC.
100 PEACHTREE STREET
SUITE 2300
ATLANTA, GA 30303
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FAX: (404) 477-3606



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ENGINEERING CONSULTANTS
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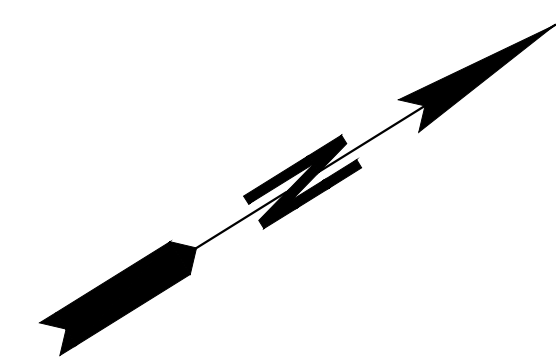
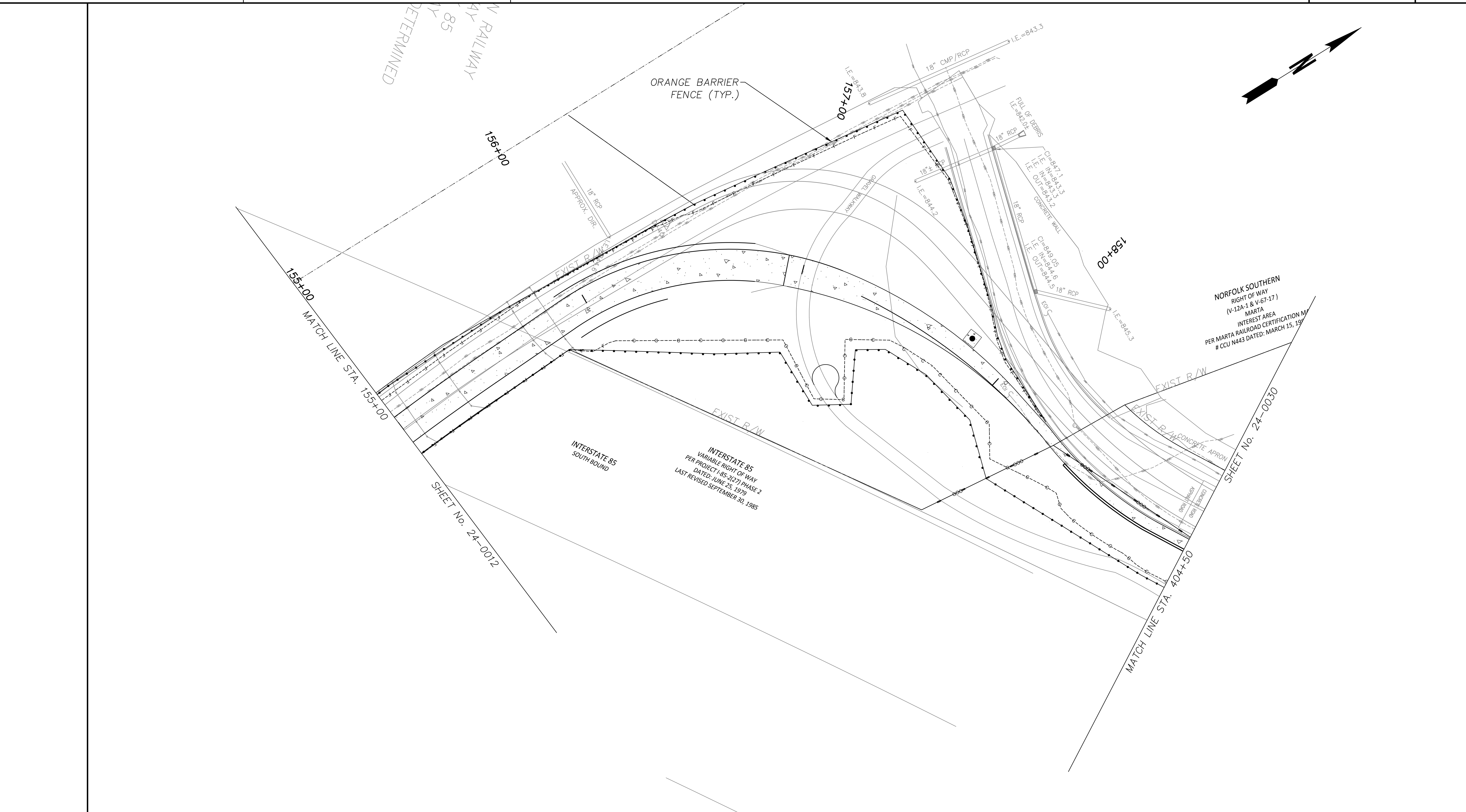
REVISION DATES

NO.	DATE	DESCRIPTION

UTILITY PLANS
ATLANTA BELTLINE NORTHEAST TRAIL
STA. 150+00 TO STA. 155+00

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

DRAWING No.
24-012



X
24-201

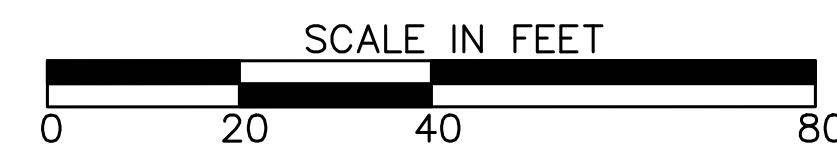
CALL OUTS REFER TO DETAIL
INFORMATION ON UTILITY
CONFLICT SCHEDULE
(SHEET 24-201)



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SUITE 2300
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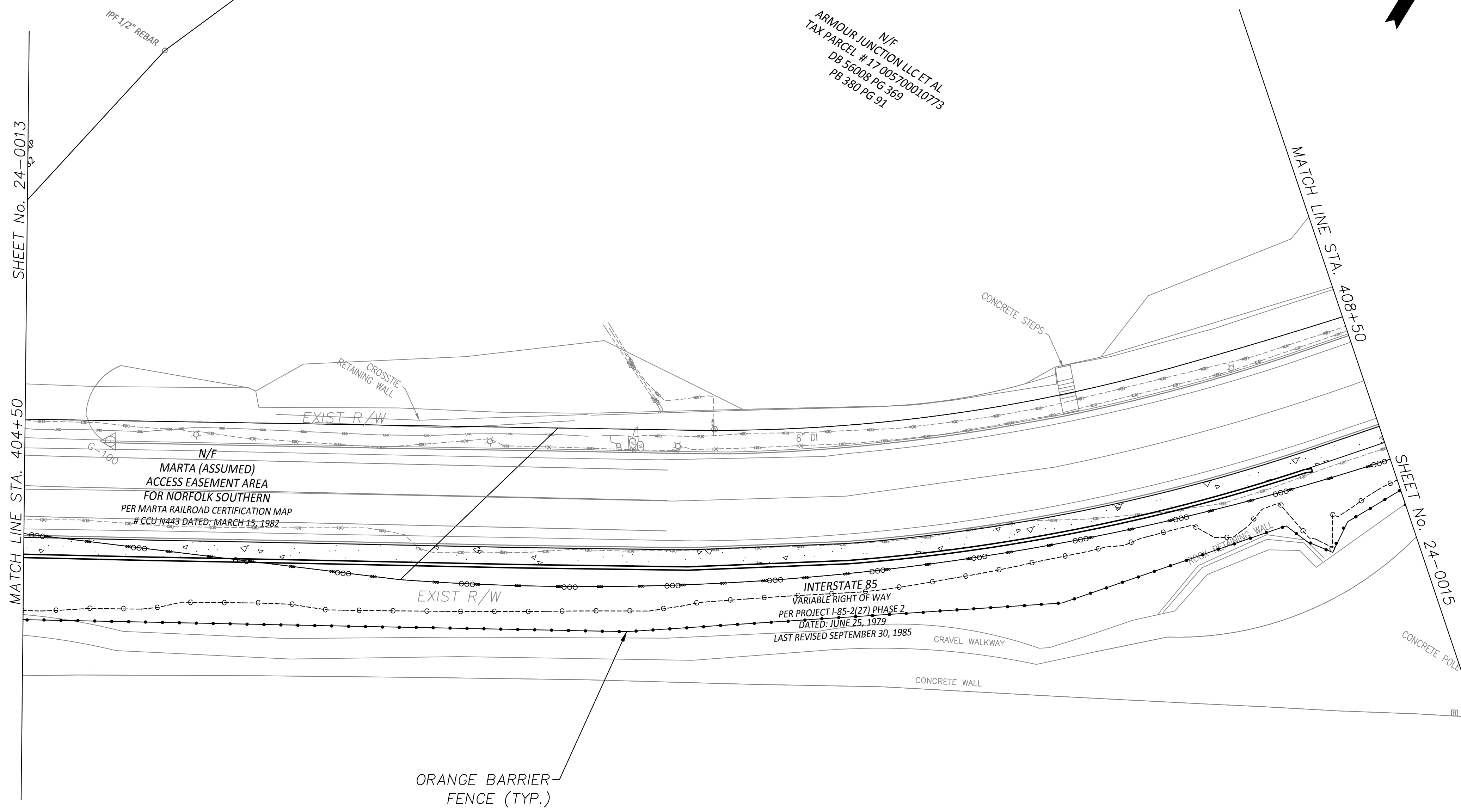
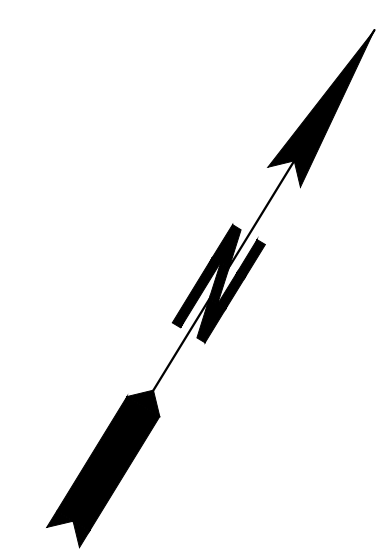


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REVISION DATES	

UTILITY PLANS			
ATLANTA BELTLINE NORTHEAST TRAIL			
STA. 155+00 TO STA. 404+50			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			24-013



X
24-201

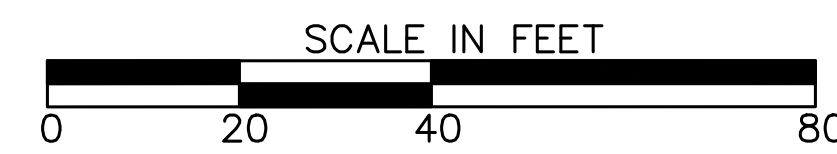
CALL OUTS REFER TO DETAIL
INFORMATION ON UTILITY
CONFLICT SCHEDULE
(SHEET 24-201)



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SUITE 2300
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REVISION DATES	

UTILITY PLANS
ATLANTA BELTLINE NORTHEAST TRAIL
STA. 404+50 TO STA. 408+50

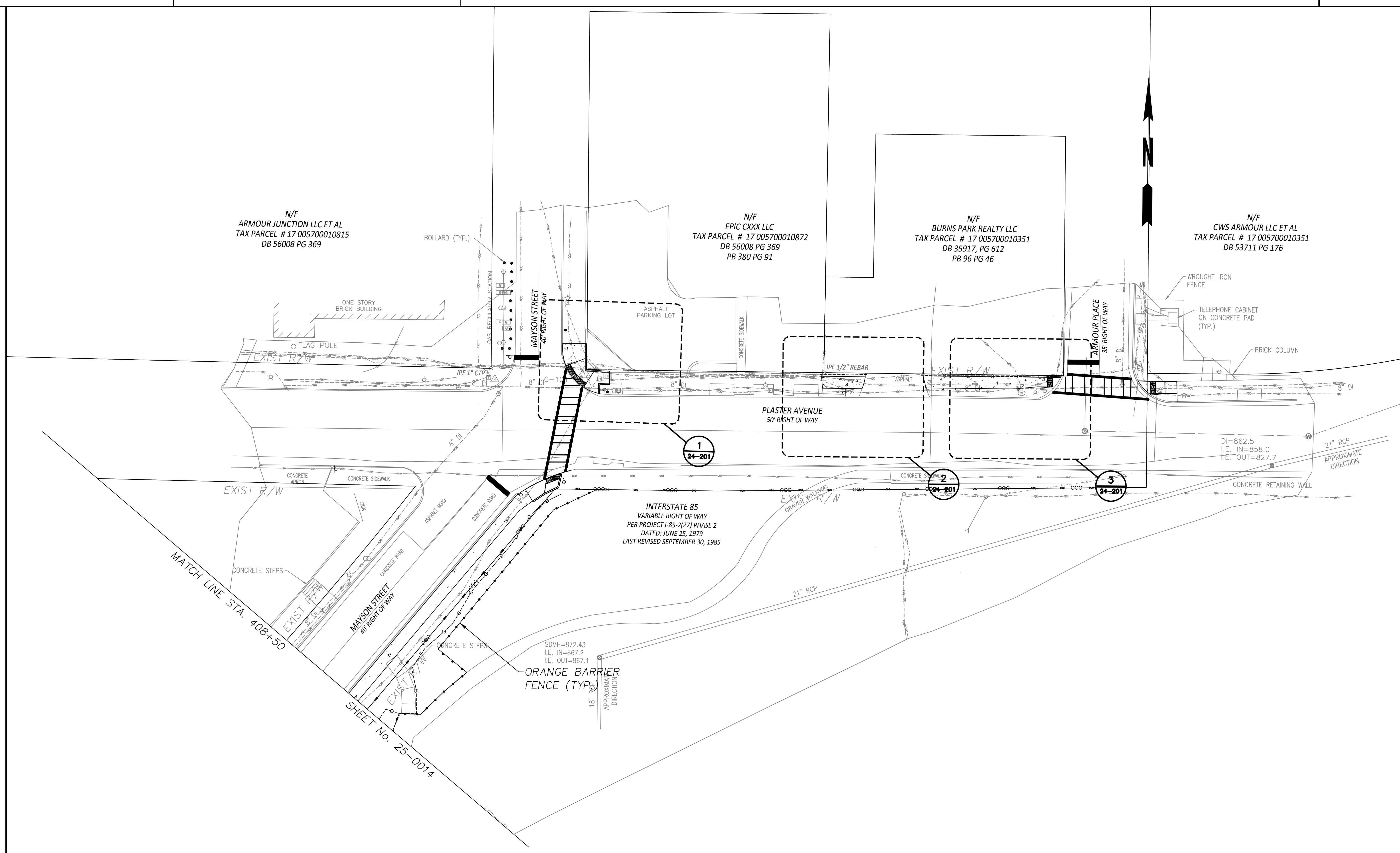
CHECKED:		DATE:		DRAWING No. 24-014
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		

N/F
ARMOUR JUNCTION LLC ET AL
TAX PARCEL # 17 005700010815
DB 56008 PG 369

N/F
EPIC CXXX LLC
TAX PARCEL # 17 005700010872
DB 56008 PG 369
PB 380 PG 91

N/F
BURNS PARK REALTY LLC
TAX PARCEL # 17 005700010351
DB 35917, PG 612
PB 96 PG 46

N/F
CWS ARMOUR LLC ET AL
TAX PARCEL # 17 005700010351
DB 53711 PG 176



MATCH LINE STA. 408+50

SHEET No. 25-0014

INTERSTATE 85
VARIABLE RIGHT OF WAY
PER PROJECT I-85-2(27) PHASE 2
DATED: JUNE 25, 1979
LAST REVISED SEPTEMBER 30, 1985

SDMH=872.43
I.E. IN=867.2
I.E. OUT=867.1
ORANGE BARRIER
FENCE (TYP.)

DI=862.5
I.E. IN=858.0
I.E. OUT=827.7

X
24-201

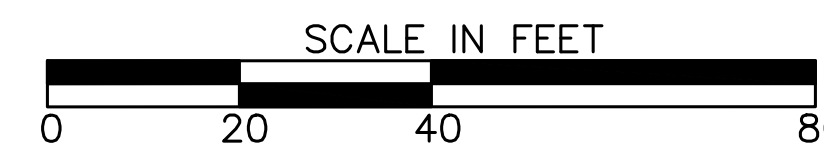
CALL OUTS REFER TO DETAIL
INFORMATION ON UTILITY
CONFLICT SCHEDULE
(SHEET 24-201)



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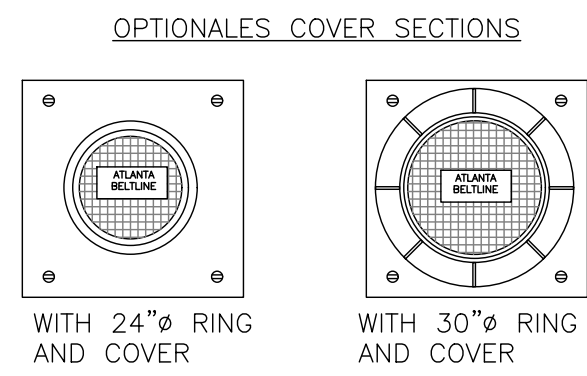
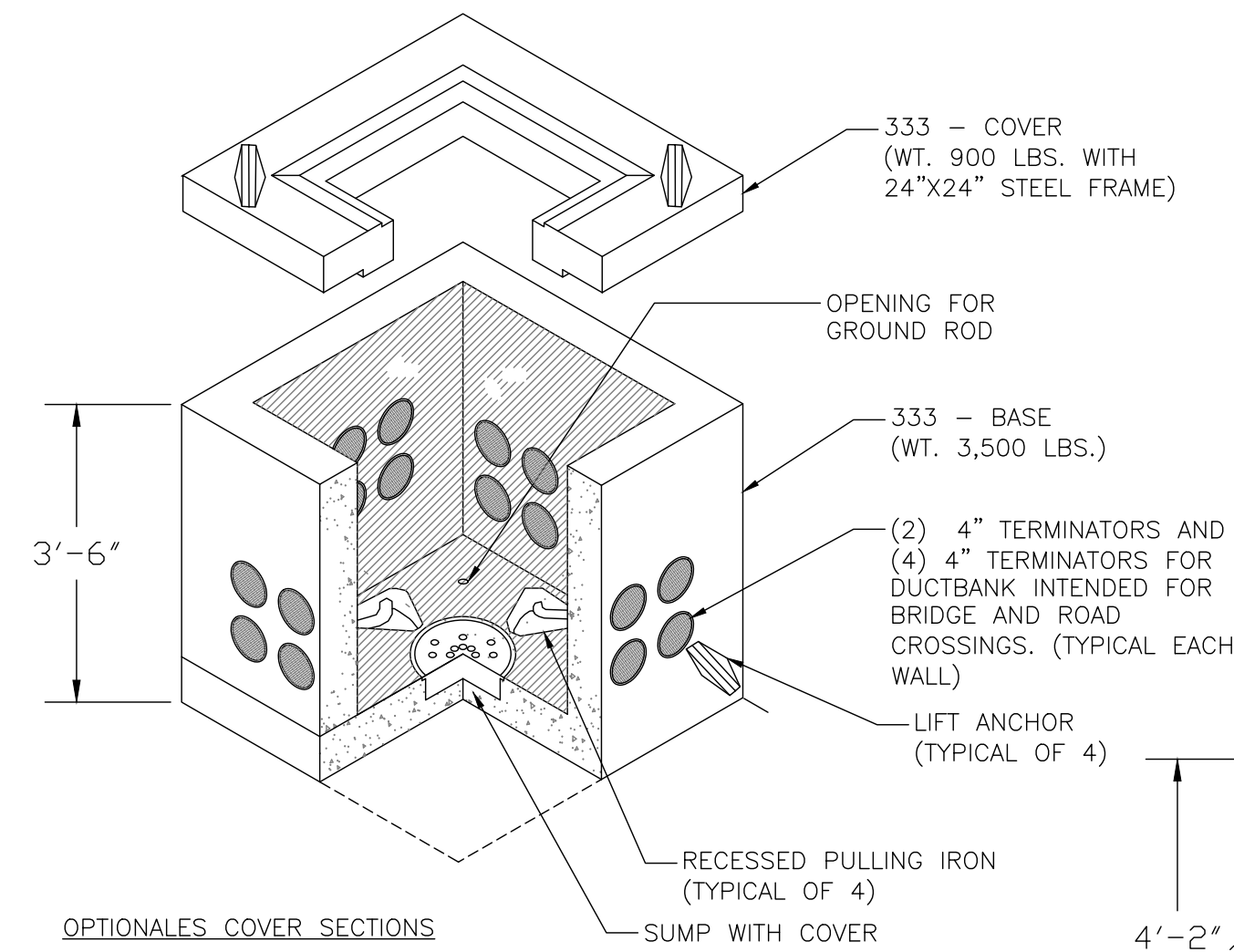
REVISION DATES

NO.	DATE	DESCRIPTION

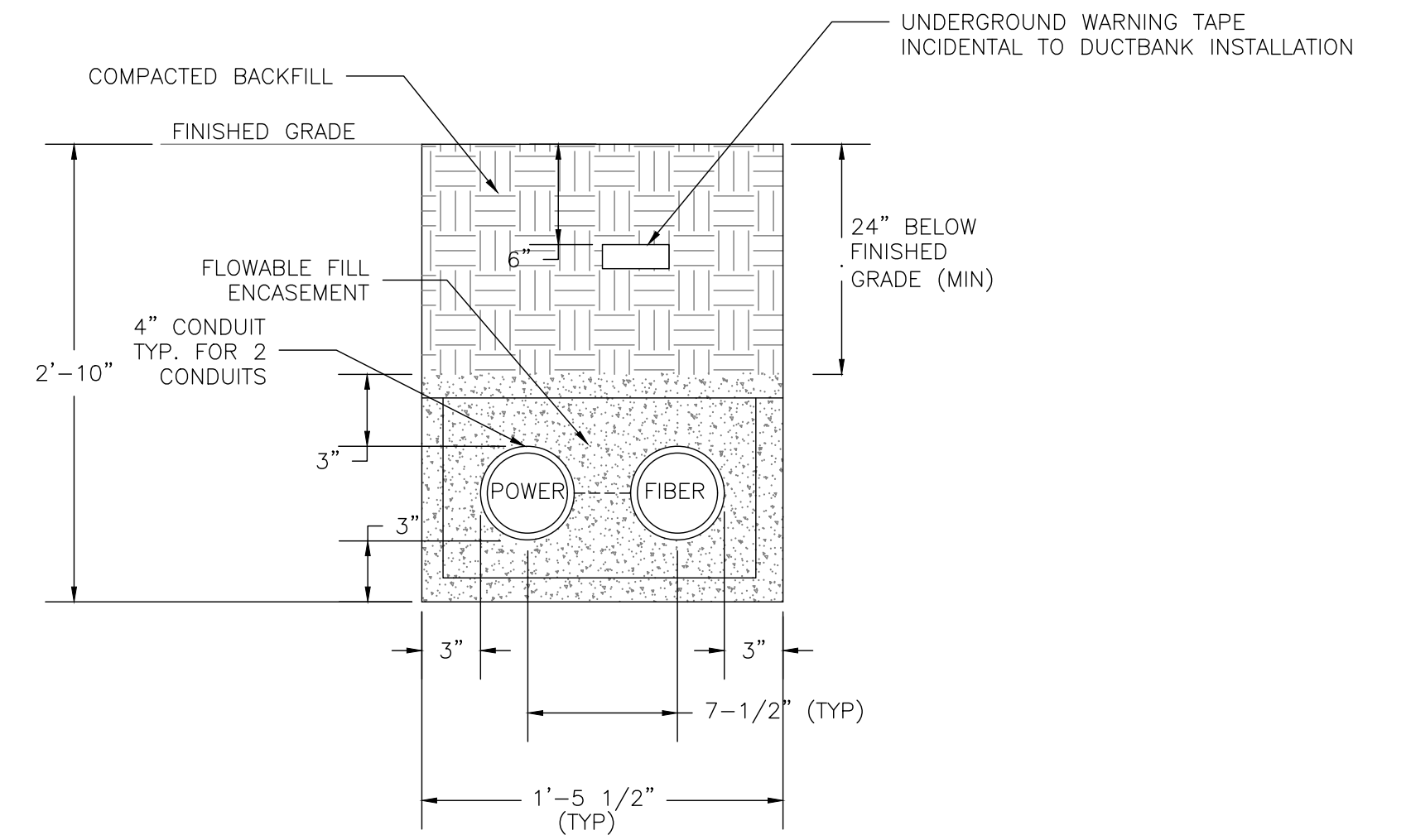
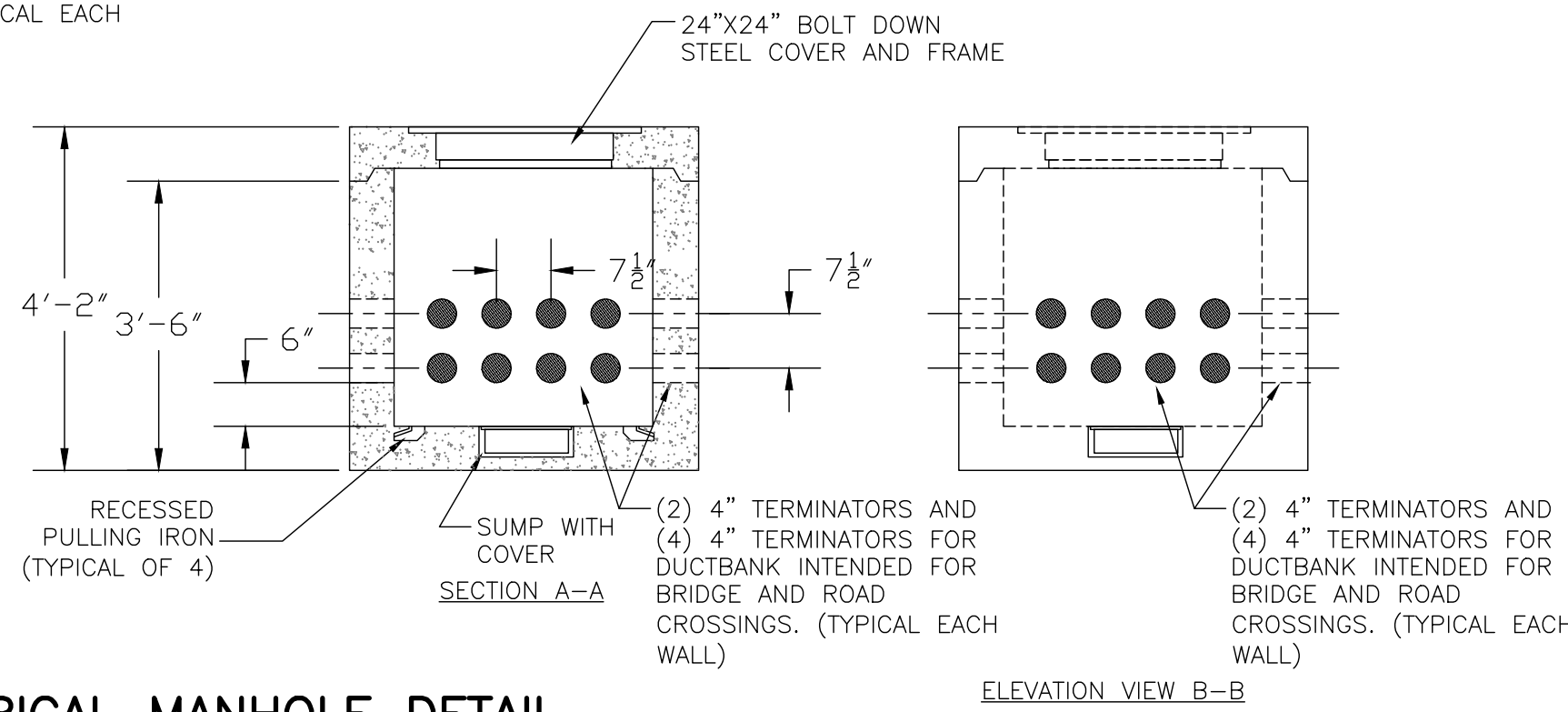
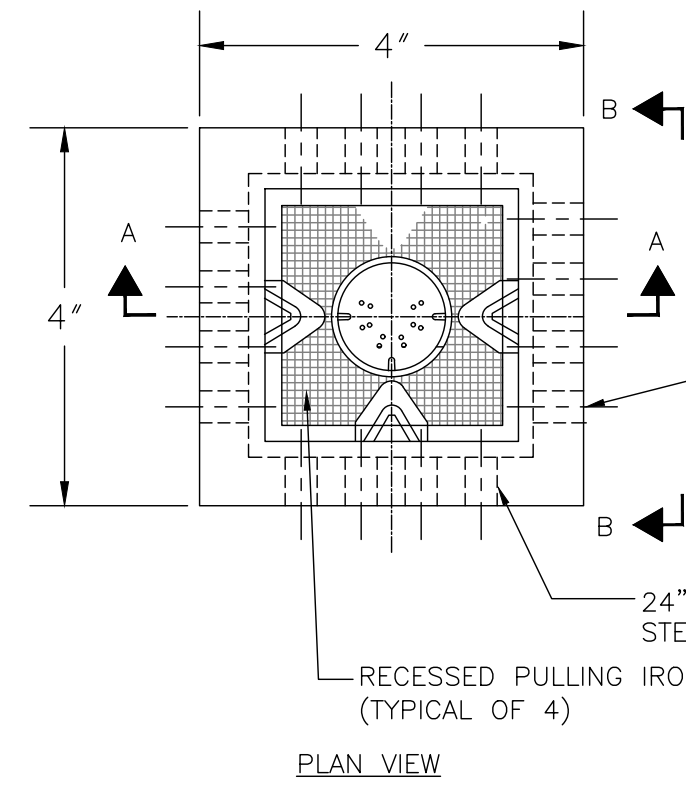
UTILITY PLANS
ATLANTA BELTLINE NORTHEAST TRAIL
STA. 408+50 TO STA. END

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	24-015
CORRECTED:	DATE:	
VERIFIED:	DATE:	

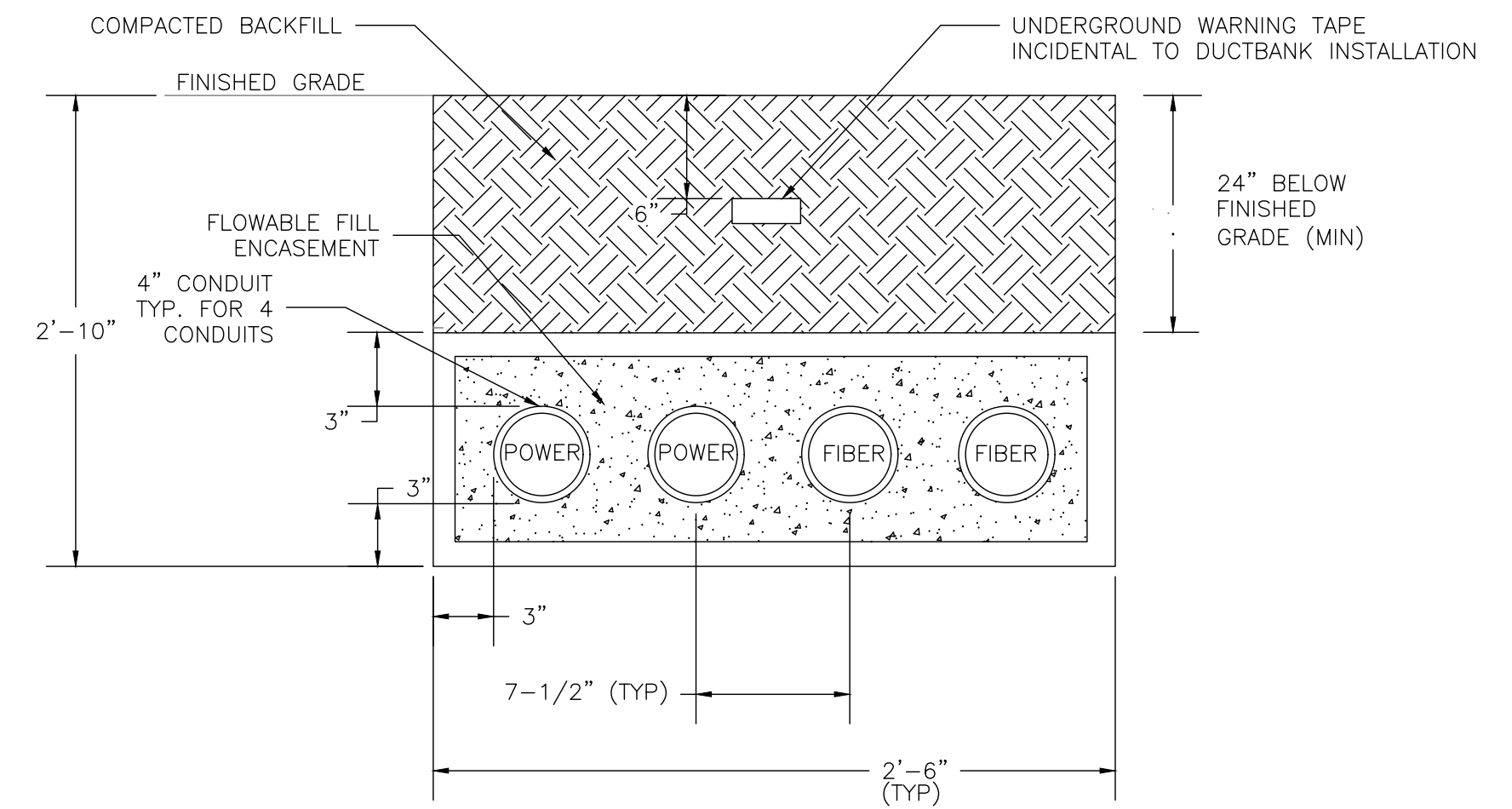
- NOTES:
1. CONCRETE: 28 DAYS COMPRESSIVE STRENGTH $f_c=5,000$ psi
 2. REINFORCING: ASTM A 615, GRADE 60
 3. JOINT SEALANT: BUTYL RUBBER SS-S-00210
 4. DESIGNED FOR MAXIMUM SOIL COVER OF 5'-0" ABOVE BOX
 5. SUPPORTS AN H2O LOADING AS INDICATED BY AASH10
 6. OPTIONAL MH R'QD. AND COVER AVAILABLE AS SPECIFIED BY CUSTOMER, TERM-A-DUCTS INSTEAD OF KNOCKOUTS IF REQUIRED.
 7. UNDERGROUND WARNING TAPE, "INSTALLATION IS INCIDENTAL TO CONDUIT INSTALLATION."
 8. PROVIDE MANHOLE WITH 8 4" KNOCKOUTS ON EACH WALL.



3 ELECTRICAL MANHOLE DETAIL
24-101/N.T.S.



1 2X1 FLOWABLE FILL ENCASED DUCTBANK
24-101/N.T.S.



2 4X1 FLOWABLE FILL ENCASED DUCTBANK AT ROADS AND BRIDGE CROSSINGS
24-101/N.T.S.



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REVISION DATES

NO.	DATE	DESCRIPTION

ATLANTA BELTLINE NORTHEAST TRAIL
UTILITIES DETAILS

CHECKED:	DATE:	DRAWING No. 24-101
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

QUANTITY TAKEOFF			
ITEM NO.	ITEM DESCRIPTION	UNITS	QUANTITY
600-0001	FLOWABLE FILL	CY	110
611-8055	ADJUST MINOR STRUCTURES TO GRADE	EA	14
682-6224	CONDUIT, NONMETAL, TP 2, 4 IN	FT	6620
681-9021	ELECTRICAL MANHOLE (SEE DETAIL DWG #24-101)	EA	4

Plan Sheet #	View #	ID Tag	Detail Sheet #	Description	Utility / Comments
24-001	1			30" Drainage Pipe	
24-002	1			Existing Utility Pole	To Remain
24-003					
24-004	1			Gas Line Crossing	
24-005	2			18" Drainage Pipe Crossing	
	4			Existing Gas Meter	Adjust To Grade
	4			Existing Gas Valve	Adjust To Grade
24-006					
24-007	1			Existing 42" Drainage Pipe Crossing	
24-008					
24-009					
24-010					
24-011					
24-012					
24-013					
24-014					
24-015	1			Existing Utilities	Adjust To Grade
	2			Existing Utilities	Adjust To Grade
	3			Existing Utilities	Adjust To Grade



ATLANTA BELTLINE, INC.
 100 PEACHTREE STREET
 SUITE 2300
 ATLANTA, GA 30303
 TEL: (404) 477-3003
 FAX: (404) 477-3606



R. POWELL & ASSOCIATES, INC.
 ENGINEERING CONSULTANTS
 1312 KILLIAN WAY
 LILBURN, GEORGIA 30047
 PHONE: 770-806-0143

REVISION DATES

NO.	DATE	DESCRIPTION

ATLANTA BELTLINE NORTHEAST TRAIL
 UTILITIES DETAILS

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

DRAWING No.
 24-201

ELECTRICAL LEGEND

#4 G — GROUNDING SYSTEM. ELECTRODE AND CONDUCTOR (COUNTERPOISE) (BARE COPPER) SIZE AS INDICATED

CAPPED CONDUIT

LIGHTING PHOTOCELL

INTEGRATED OCCUPANCY SENSOR

3P 20 A MOLDED CASE CIRCUIT BREAKER, FIXED TRIP. THREE POLE UNLESS DESIGNATED '1P' OR '2P'.

FUSE—POWER AND CONTROL APPLICATIONS RESPECTIVELY, SIZE AS INDICATED

50A 9KV SURGE ARRESTOR — VOLTAGE RATING AND CLASS AS INDICATED

GROUND CONNECTION — TO STANDARD ROD TYPE ELECTRODE, TO NEAREST STRUCTURAL STEEL (#6 MIN. CONDUCTOR IF NOT SHOWN)

(KWH) KILOWATT—HOUR METER (WH IS WATT—HOUR METER)

POWER & DISTRIBUTION TRANSFORMER, RATED kVA, VOLTAGE, CONNECTIONS, COOLING CLASS AND TYPE AS INDICATED.

AS A VS V AMMETER AND VOLTMETER WITH PHASE SELECTOR SWITCH

GFI #2 400 AT 0.3 s GROUND FAULT INTERRUPTING EQUIPMENT (SEE SPECS) WITH TRIP SETTING AT DESIGNATED TIME DELAY INTERLOCKING CONTROL AS INDICATED

DISCONNECT SWITCH, SIZE AND TYPE AS INDICATED (OR 3P, 240V, 30A MIN)

LP-2,4,6 BRANCH CIRCUIT AND FEEDER WIRING. LONG, SHORT, SINGLE DOT AND DOUBLE DOT HASH MARKS REPRESENT PHASE CONDUCTOR, NEUTRAL, EQUIPMENT GROUND, AND ISOLATED EQUIPMENT GROUND RESPECTIVELY (AS APPLICABLE).

ARROWS AND LETTER/NUMERALS IDENTIFY HOME—RUN CIRCUITS. IF HASH MARKS ARE OMITTED BETWEEN HOME—RUNS, TRANSITION SEGMENTS, AND END—OF—LINE DEVICES, REQUIRED QUANTITY IS UNDERSTOOD TO APPLY TO ALL UNMARKED INTERVENING SEGMENTS.

———— LIGHT LINE — EXISTING, OR BY OTHER TRADES

———— HEAVY LINE — NEW ELECTRICAL WORK

----- UNDERGROUND OR CONCEALED CONDUIT

ALL CIRCUITS ARE IDENTIFIED IN CALLOUTS ON PLANS SHEETS

ELECTRICAL NOTES

- NO CONDUIT MAY BE RUN OUTSIDE THE RIGHT OF WAY BOUNDARY OR ON PRIVATE PROPERTY. ROUTE ALL CONDUITS BETWEEN EACH POLE FIXTURE TO THE SERVICE IN THE MOST DIRECT ROUTE POSSIBLE. RUN CONDUITS IN THE GRASS AREA WHEN AVAILABLE.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO ANY DIGGING. ANY DAMAGE TO EXISTING UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST.
- ALL UNDERGROUND CONDUIT SHALL BE PVC SCHEDULE 40. CONDUIT INSTALLED UNDERNEATH ROADWAYS AND DRIVES SHALL BE RGS. ALL CONDUIT WHICH IS RUN UNDER A ROADWAY SHALL BE INSTALLED PRIOR TO ANY NEW PAVING. NO NEW PAVING SHALL BE CUT TO INSTALL ELECTRICAL LINES.
- RIGID CONDUIT INSTALLED ON STRUCTURES SHALL BE SUPPORTED AT LEAST EVERY TEN FEET AND WITHIN THREE FEET OF J—BOXES, LUMINARIES, ETC.
- EXPOSED CONDUIT SHALL BE RGS UNLESS OTHERWISE NOTED.
- CONDUIT ACCESSORIES SUCH AS EXPANSION JOINTS, PULLBOXES, CONDULETS, ELBOWS, ETC. SHALL BE INCLUDED IN THE PRICE BID FOR CONDUIT.
- 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.
- ALL FUSES AND FUSE HOLDERS SHALL BE IN—LINE TYPE AND WATERPROOF.
- ALL ELECTRICAL MATERIALS, SUCH AS CONDUIT, CABLES, WIRE, AND J—BOXES, 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).
- BASED ON PHOTOMETRIC ANALYSIS, POD SPACING FOR HANDRAIL LIGHTING IS APPROXIMATELY 1'—4", AT A HEIGHT OF 42".

DRAWING NUMBERING CONVENTION

- 25—000 SERIES — PLAN SHEETS
- 25—100 SERIES — DETAIL SHEETS
- 25—200 SERIES — SCHEDULE SHEETS
- 25—300 SERIES — WIRING DIAGRAM SHEETS

FA-100 POLE LIGHTING FIXTURE, 14'—0" TALL
 FA-100 = FA (FIXTURE TYPE), 100 (FIXTURE NUMBER)
 STA. 100+46.68 = STATION NUMBER
 OFFSET 11'—4.5" L = OFFSET FROM CENTER LINE OF TRAIL LEFT SIDE
 1 = CIRCUIT NUMBER

FB-100 POLE LIGHTING FIXTURE, 14'—0" MOUNTING HEIGHT, UNDER I—85 BRIDGE
 FB-100 = FB (FIXTURE TYPE), 100 (FIXTURE NUMBER)
 STA. 100+46.68 = STATION NUMBER
 OFFSET 11'—4.5" L = OFFSET FROM CENTER LINE OF TRAIL LEFT SIDE
 1 = CIRCUIT NUMBER

FE-100 POLE LIGHTING FIXTURE, 14'—0" MOUNTING HEIGHT ON BRIDGES
 FE-100 = FE (FIXTURE TYPE), 100 (FIXTURE NUMBER)
 STA. 100+46.68 = STATION NUMBER
 OFFSET 11'—4.5" L = OFFSET FROM CENTER LINE OF TRAIL LEFT SIDE
 1 = CIRCUIT NUMBER

FE-000 POLE LIGHTING FIXTURE, 14'—0" MOUNTING HEIGHT AT RAMP
 FE-100 = FE (FIXTURE TYPE), 100 (FIXTURE NUMBER)
 STA. 100+46.68 = STATION NUMBER
 OFFSET 11'—4.5" L = OFFSET FROM CENTER LINE OF TRAIL LEFT SIDE
 1 = CIRCUIT NUMBER

FC WALL MOUNTED FIXTURE

HANDRAIL LIGHTING FIXTURE (SEE ELECTRICAL NOTE #10.)

PSC POWER SERVICE CABINET

SC SECURITY CAMERA

UTILITY UNDERGROUND ELECTRIC

UTILITY OVERHEAD ELECTRIC

H PROPOSED HANDHOLE

E PROPOSED MANHOLE

E PROPOSED ELECTRIC BOX

V PROPOSED ELECTRIC VAULT BOX SIMILAR TO OR EQUAL Q—VAULT, INC. MODEL NO. QSET—ELED—200/0—10

MDF MDF CABINET (CABINET FOR FIBER TERMINATIONS)



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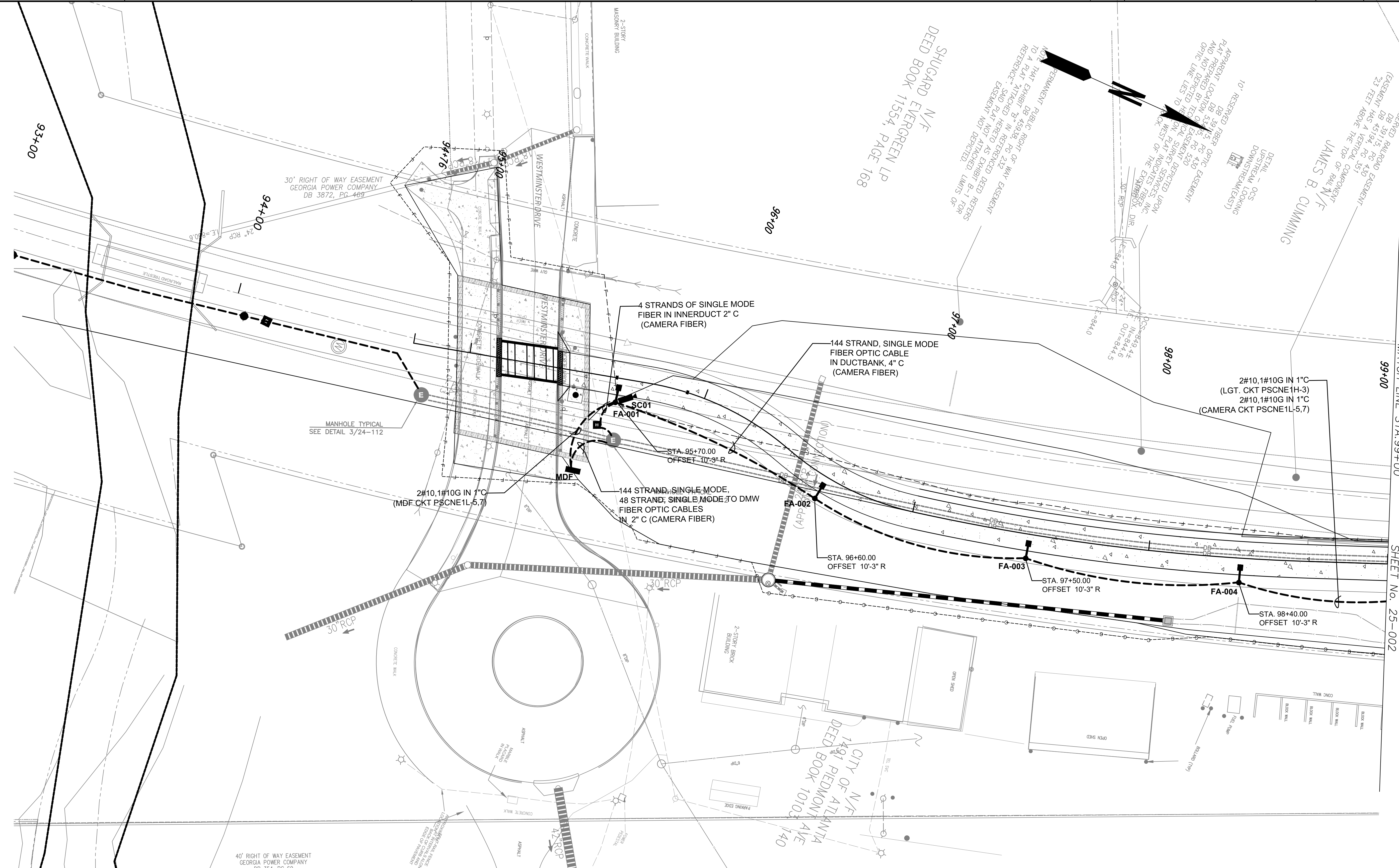
R. POWELL & ASSOCIATES, INC.
 ENGINEERING CONSULTANTS
 1312 KILLIAN WAY
 LILBURN, GEORGIA 30047
 PHONE: 770-806-0143

REVISION DATES

NO.	DATE	DESCRIPTION

ATLANTA BELTLINE NORTHEAST TRAIL LIGHTING GENERAL NOTES AND LEGENDS

CHECKED:	DATE:	DRAWING No. 25-000
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 99+00
SHEET No. 25-002

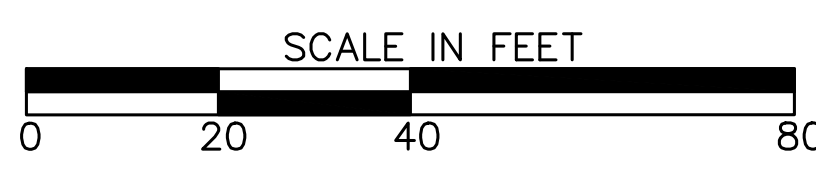
40' RIGHT OF WAY EASEMENT
GEORGIA POWER COMPANY
DB 354, PG 69



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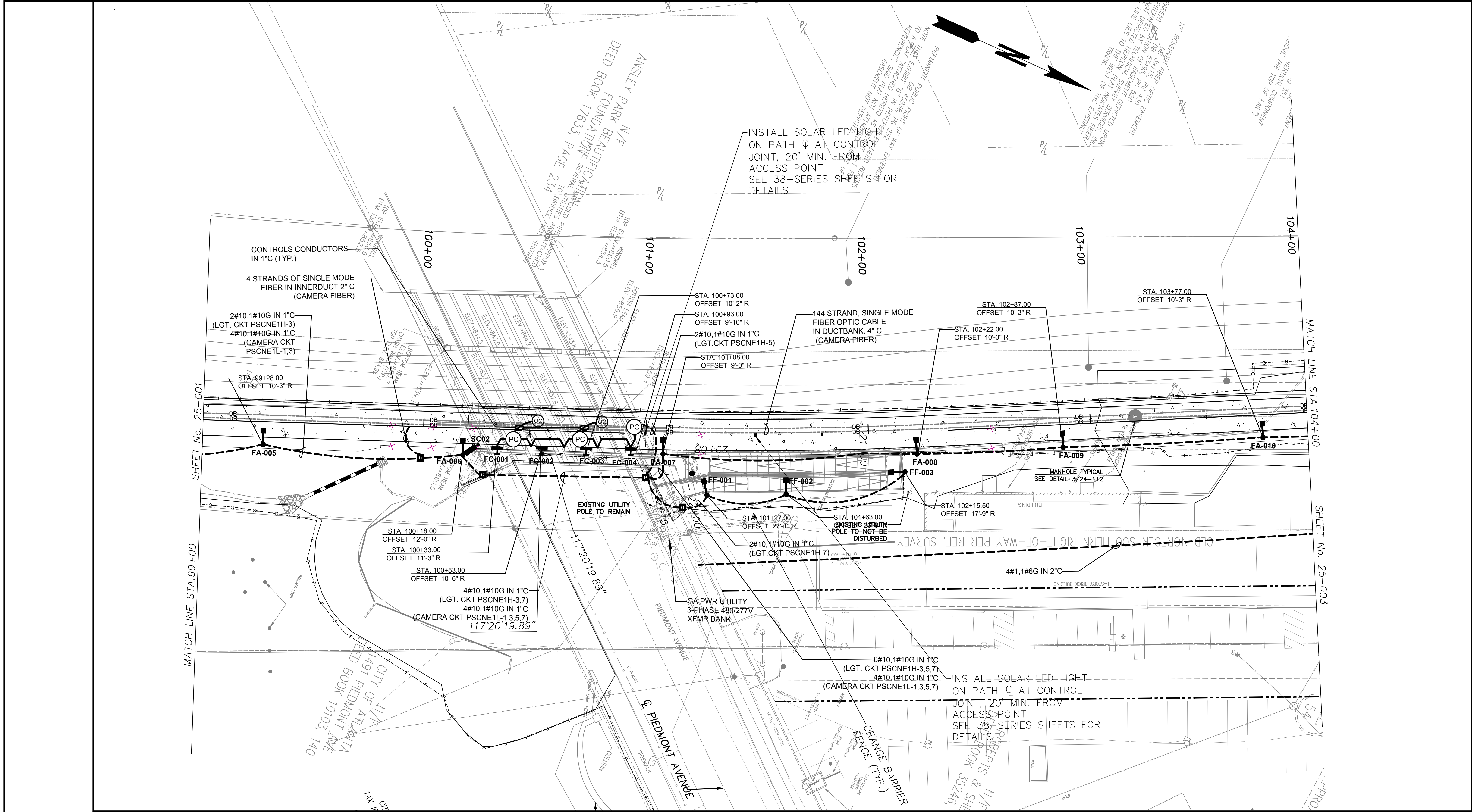
R. POWELL & ASSOCIATES, INC.
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REVISION DATES	
1/3/2022	

LIGHTING PLANS
ATLANTA BELTLINE NORTHEAST TRAIL
STA. START TO STA. 99+00

CHECKED:	DATE:	DRAWING No. 25-001
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 99+00

MATCH LINE STA. 104+00

SHEET No. 25-001

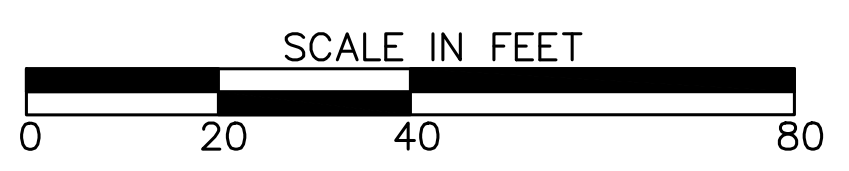
SHEET No. 25-003



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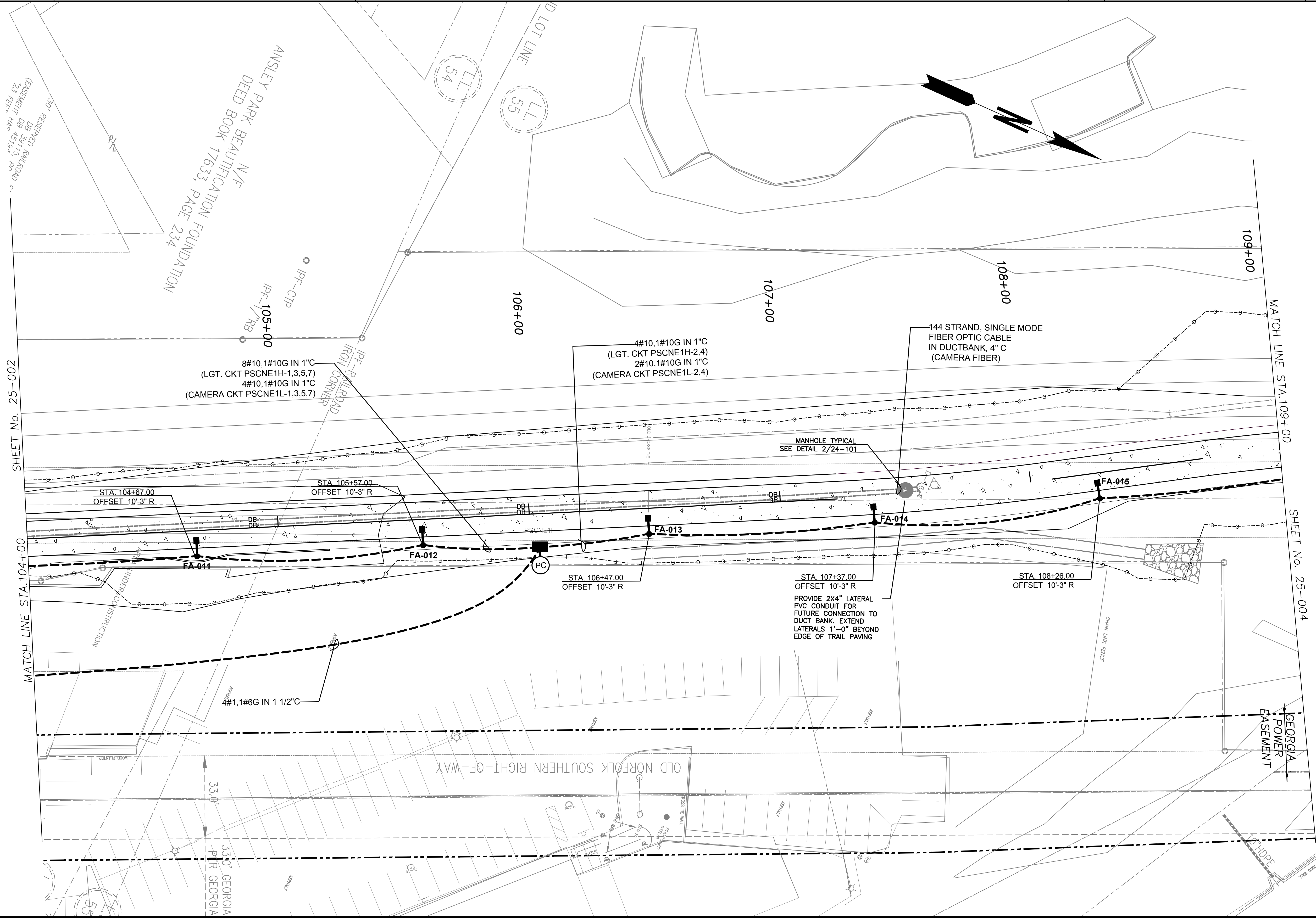
1312 KILLIAN WAY
LILBURN, GEORGIA 30047
PHONE: 770-906-0143



REVISION DATES	

LIGHTING PLANS
ATLANTA BELTLINE NORTHEAST TRAIL
STA. 99+00 TO STA. 104+00

CHECKED:	DATE:	DRAWING No. 25-002
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



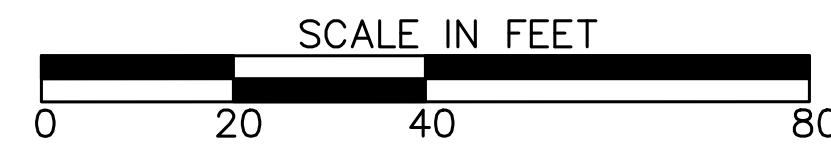
CONTRACTOR TO ADJUST LOCATION OF LIGHT FIXTURES FA-012, FA-013 AND FA-014 TO AVOID POTENTIAL CONFLICTS WITH DRAINAGE PIPES.



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REVISION DATES

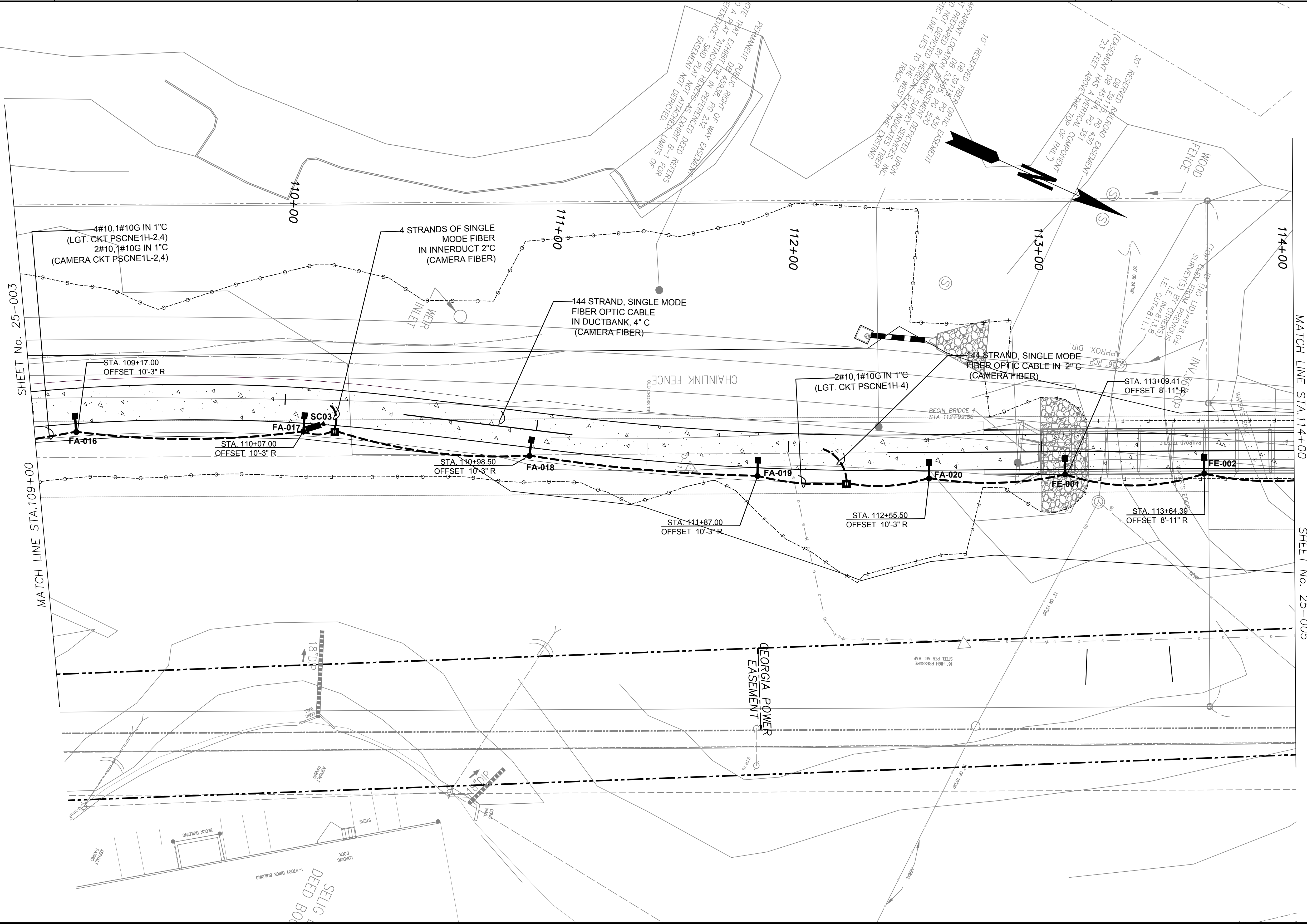
NO.	DATE	DESCRIPTION

LIGHTING PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL
 STA. 104+00 TO STA. 109+00

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

DRAWING No.

25-003



SHEET No. 25-003

MATCH LINE STA. 109+00

MATCH LINE STA. 114+00

SHEET No. 25-005



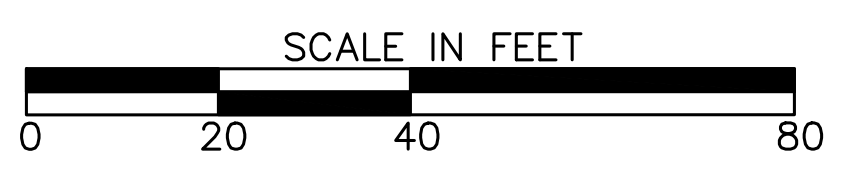
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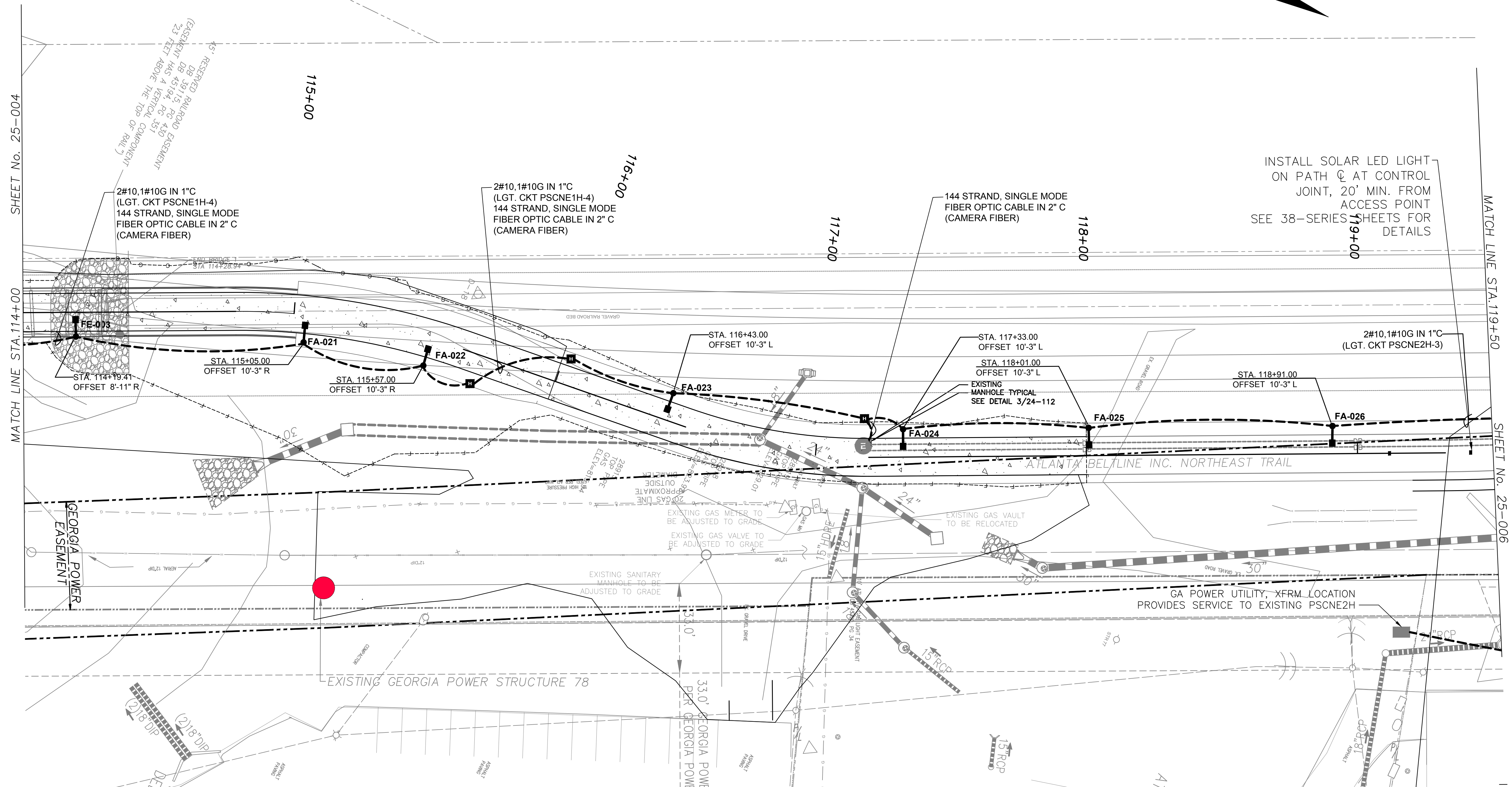
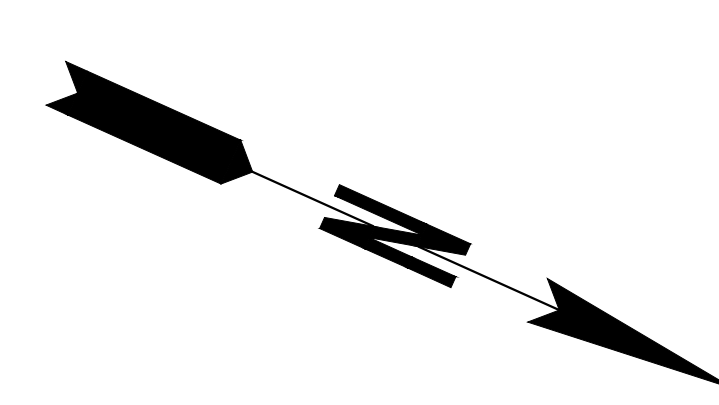
1312 KILLIAN WAY
 LILBURN, GEORGIA 30047
 PHONE: 770-906-0143



REVISION DATES	

LIGHTING PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL
 STA. 109+00 TO STA. 114+00

CHECKED:	DATE:	DRAWING No. 25-004
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 114+00

MATCH LINE STA. 119+50

45' RESERVED RAILROAD EASEMENT
 DR 391.15, PG 430
 DR 451.03, PG 430
 DR 351
 (EASEMENT HAS A VERTICAL COMPONENT
 23 FEET ABOVE THE TOP OF RAIL)

2#10, 1#10G IN 1" C
 (LGT. CKT PSCNE1H-4)
 144 STRAND, SINGLE MODE
 FIBER OPTIC CABLE IN 2" C
 (CAMERA FIBER)

2#10, 1#10G IN 1" C
 (LGT. CKT PSCNE1H-4)
 144 STRAND, SINGLE MODE
 FIBER OPTIC CABLE IN 2" C
 (CAMERA FIBER)

144 STRAND, SINGLE MODE
 FIBER OPTIC CABLE IN 2" C
 (CAMERA FIBER)

INSTALL SOLAR LED LIGHT
 ON PATH ϕ AT CONTROL
 JOINT, 20' MIN. FROM
 ACCESS POINT
 SEE 38-SERIES SHEETS FOR
 DETAILS

FE-003
 STA. 114+19.41
 OFFSET 8'-11" R

STA. 115+05.00
 OFFSET 10'-3" R

STA. 115+57.00
 OFFSET 10'-3" R

STA. 116+43.00
 OFFSET 10'-3" L

STA. 117+33.00
 OFFSET 10'-3" L

STA. 118+01.00
 OFFSET 10'-3" L

STA. 118+91.00
 OFFSET 10'-3" L

GEORGIA POWER
 EASEMENT

ATLANTA BELTLINE INC. NORTHEAST TRAIL

EXISTING GEORGIA POWER STRUCTURE 78

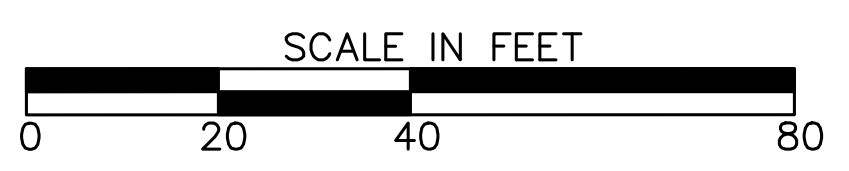
GA POWER UTILITY, XFRM LOCATION
 PROVIDES SERVICE TO EXISTING PSCNE2H



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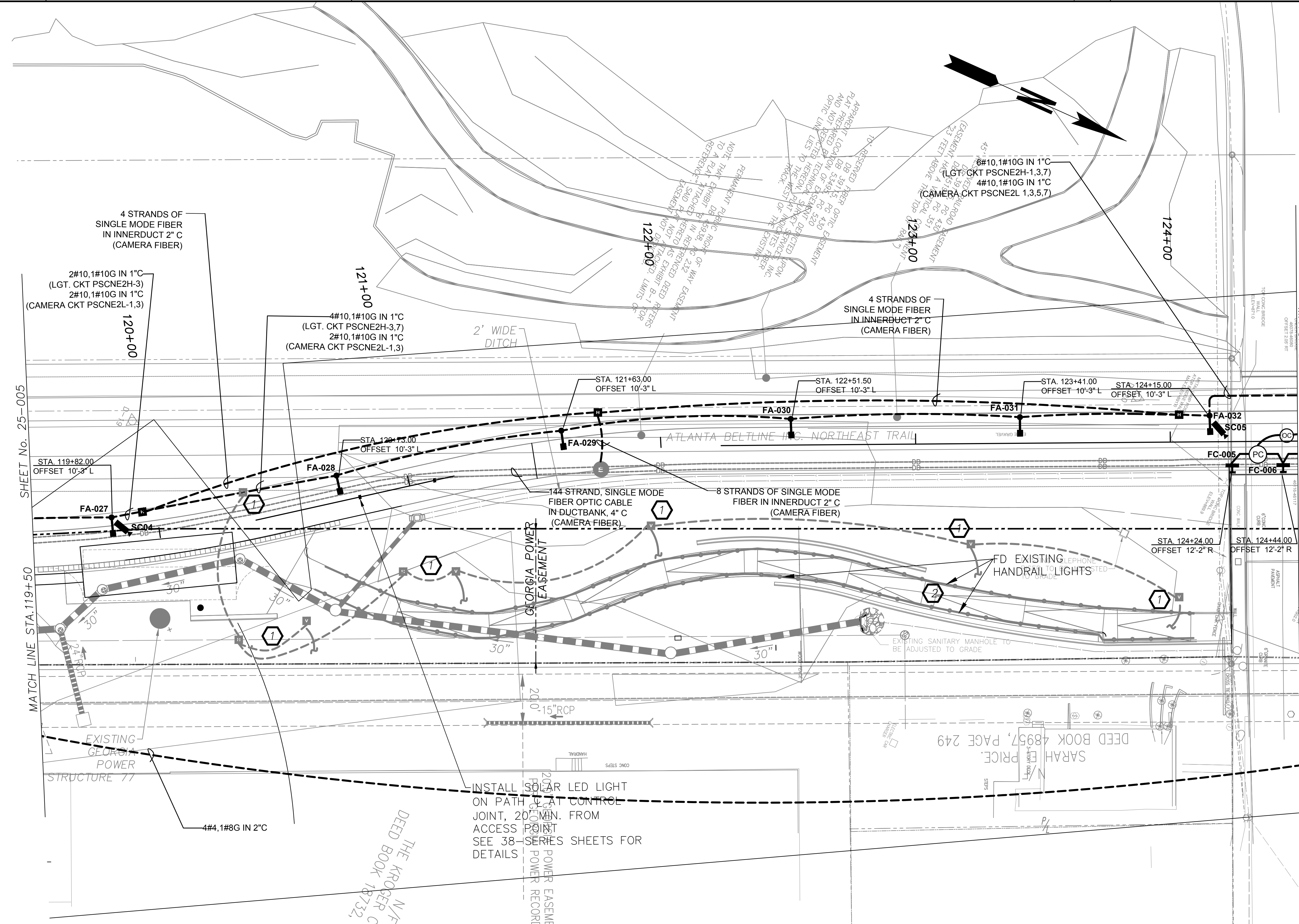
1312 KILLIAN WAY
 LILBURN, GEORGIA 30047
 PHONE: 770-906-0143



REVISION DATES	

LIGHTING PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL
 STA. 114+00 TO STA. 119+50

CHECKED:	DATE:	DRAWING No. 25-005
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



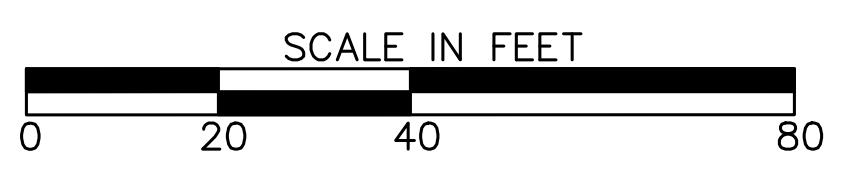
- KEY NOTES:**
- 1. EXISTING HANDHOLES AND VAULTS INSTALLED UNDER PHASE 1.
 - 2. EXISTING HANDRAIL AND HANDRAIL LIGHTS INSTALLED UNDER PHASE 1.



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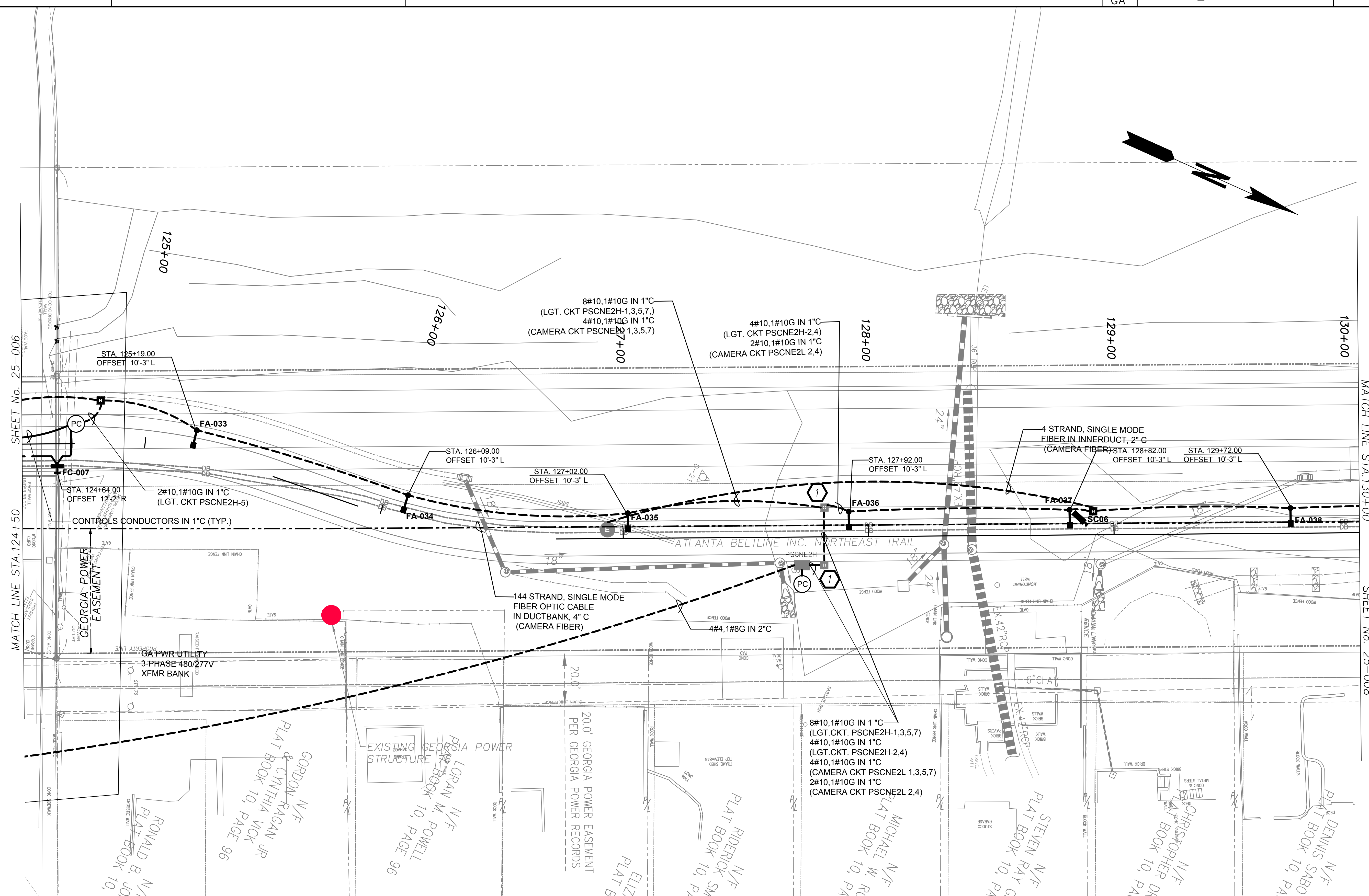
1312 KILLIAN WAY
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REVISION DATES	

LIGHTING PLANS
ATLANTA BELTLINE NORTHEAST TRAIL
STA. 119+50 TO STA. 124+50

CHECKED:	DATE:	DRAWING No. 25-006
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 124+50

MATCH LINE STA. 130+00

SHEET No. 25-006

SHEET No. 25-008

KEY NOTES:

1. EXISTING POWER SUPPLY PSCNE2H AND HANDHOLES INSTALLED UNDER PHASE 1.



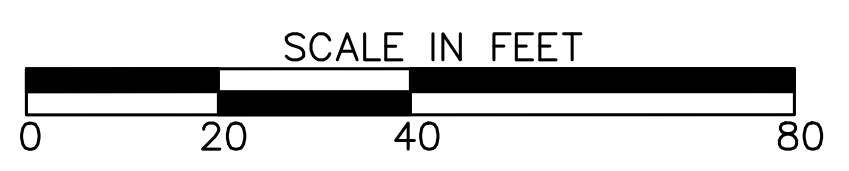
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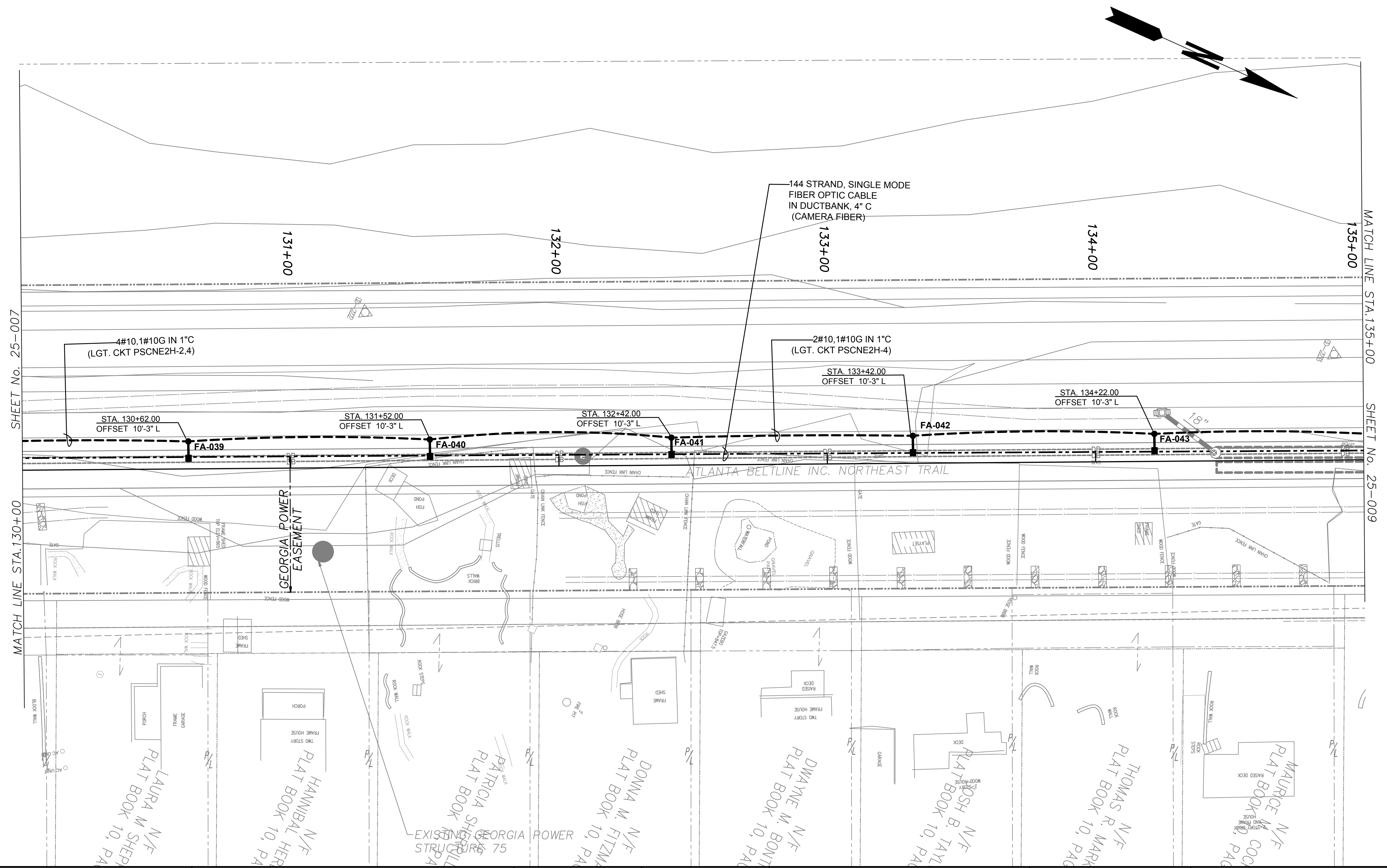
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REVISION DATES	

LIGHTING PLANS
ATLANTA BELTLINE NORTHEAST TRAIL
STA. 124+50 TO STA. 130+00

CHECKED:	DATE:	DRAWING No. 25-007
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

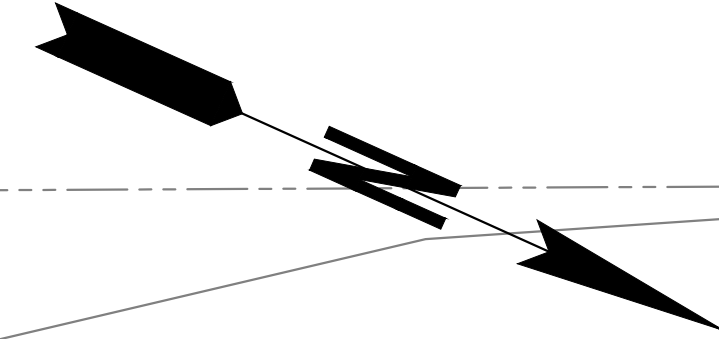


SHEET No. 25-007

MATCH LINE STA. 130+00

MATCH LINE STA. 135+00

SHEET No. 25-009



LAURA M. SHEPHERD N/F PLAT BOOK 10, PAGE 10

HANNIBAL HERBERT N/F PLAT BOOK 10, PAGE 10

PATRICIA SHERRILL N/F PLAT BOOK 10, PAGE 10

DOWNIA M. FITZMAURICE N/F PLAT BOOK 10, PAGE 10

DWAYNE M. BOWEN N/F PLAT BOOK 10, PAGE 10

JOSH B. TAYLOR N/F PLAT BOOK 10, PAGE 10

THOMAS R. MARSHALL N/F PLAT BOOK 10, PAGE 10

MAURICE M. COOK N/F PLAT BOOK 10, PAGE 10

EXISTING GEORGIA POWER STRUCTURE 75

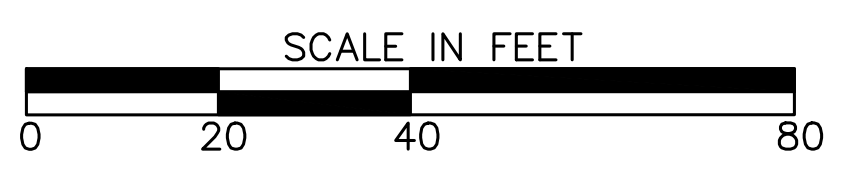


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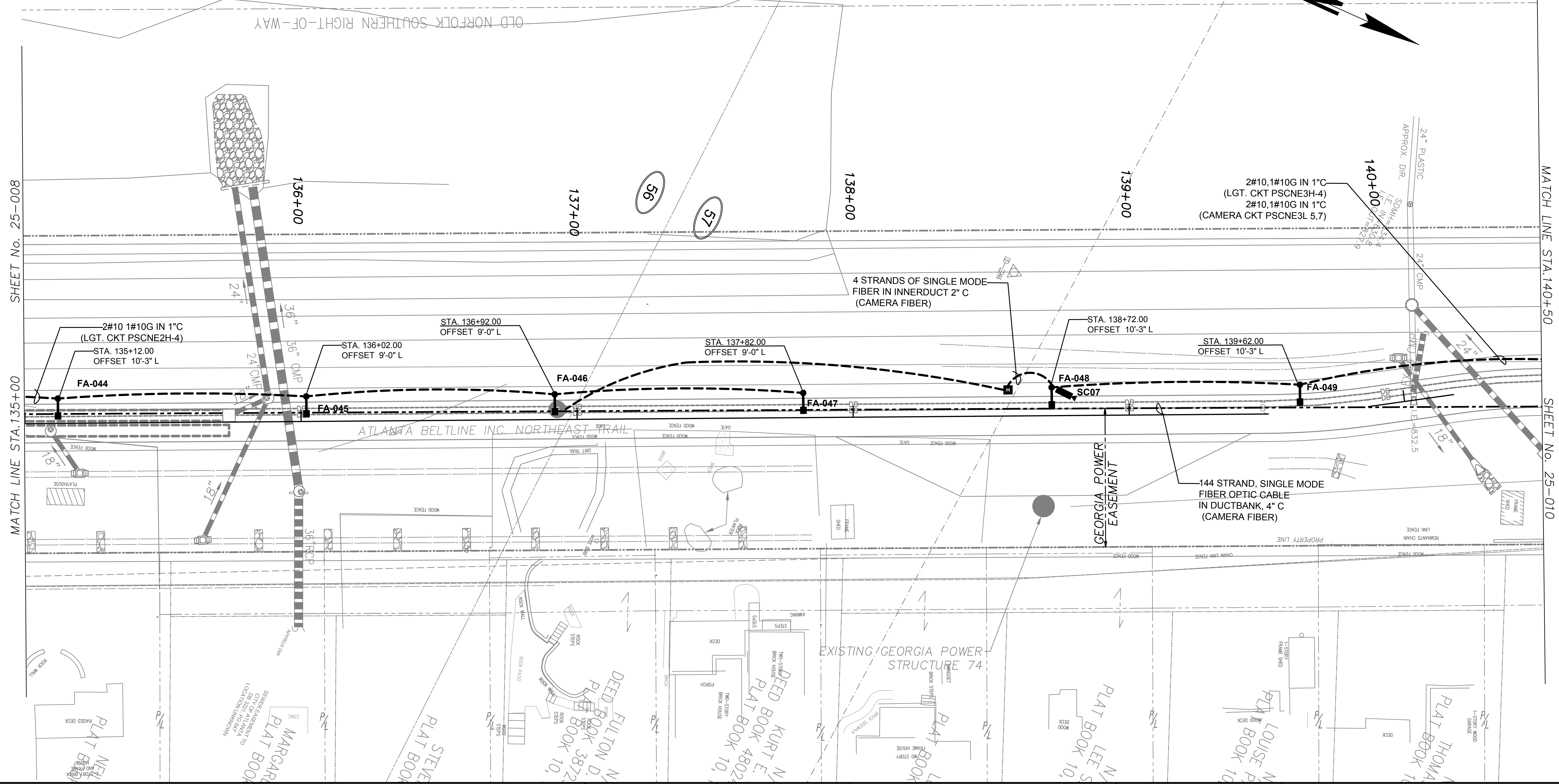
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REVISION DATES	

LIGHTING PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL
 STA. 130+00 TO STA. 135+00

CHECKED:	DATE:	DRAWING No. 25-008
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

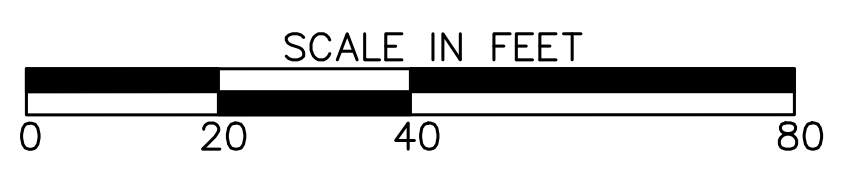


MATCH LINE STA. 135+00 SHEET No. 25-008

MATCH LINE STA. 140+50 SHEET No. 25-010



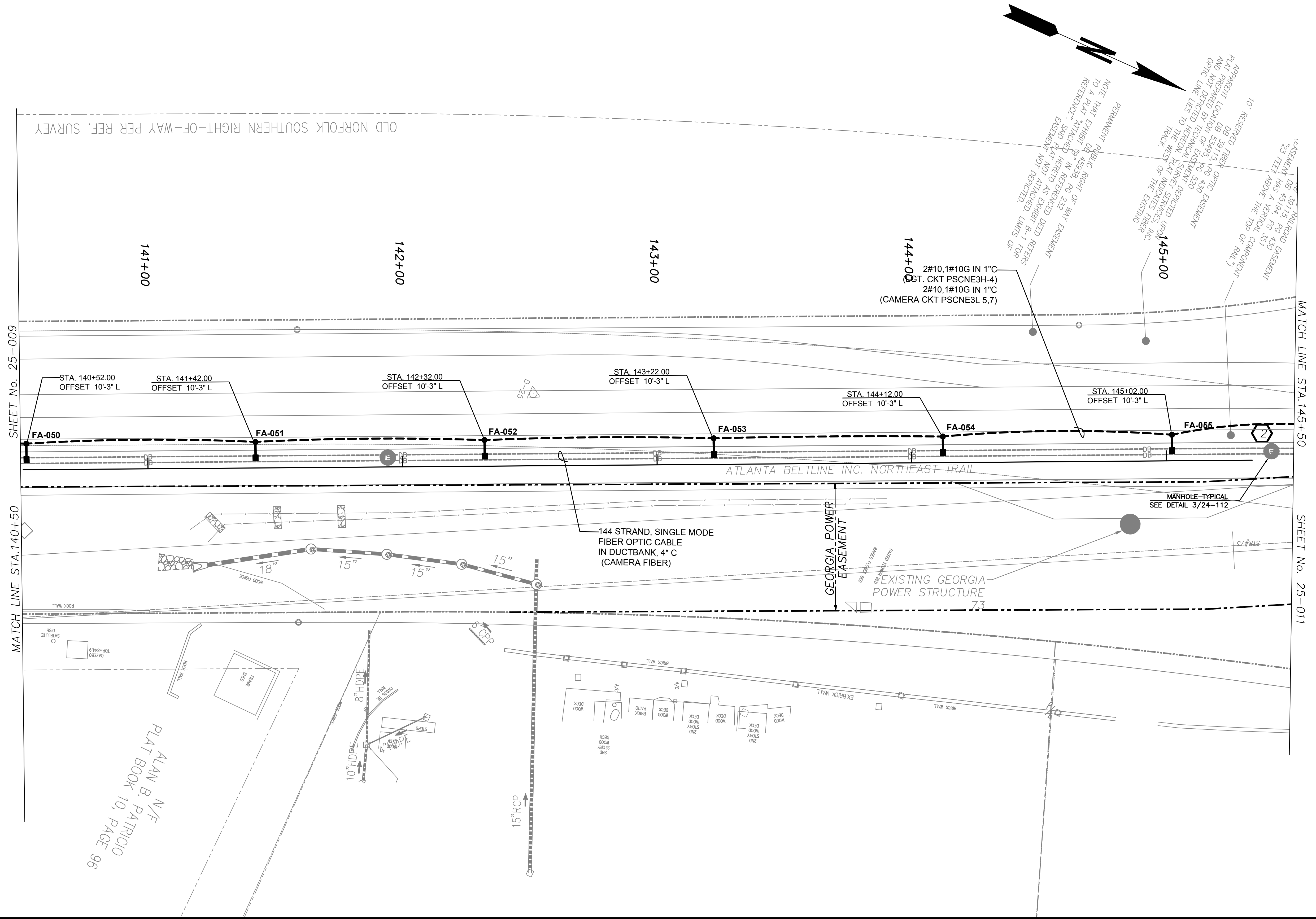
Atlanta BeltLine
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REVISION DATES	

LIGHTING PLANS
ATLANTA BELTLINE NORTHEAST TRAIL
 STA. 135+00 TO STA. 140+00

CHECKED:	DATE:	DRAWING No. 25-009
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



SHEET No. 25-009

MATCH LINE STA. 140+50

MATCH LINE STA. 145+50

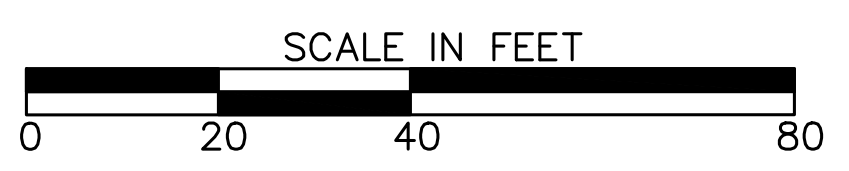
SHEET No. 25-011

ALAN B. PATRICK
N/F
PLAT BOOK 10, PAGE 96



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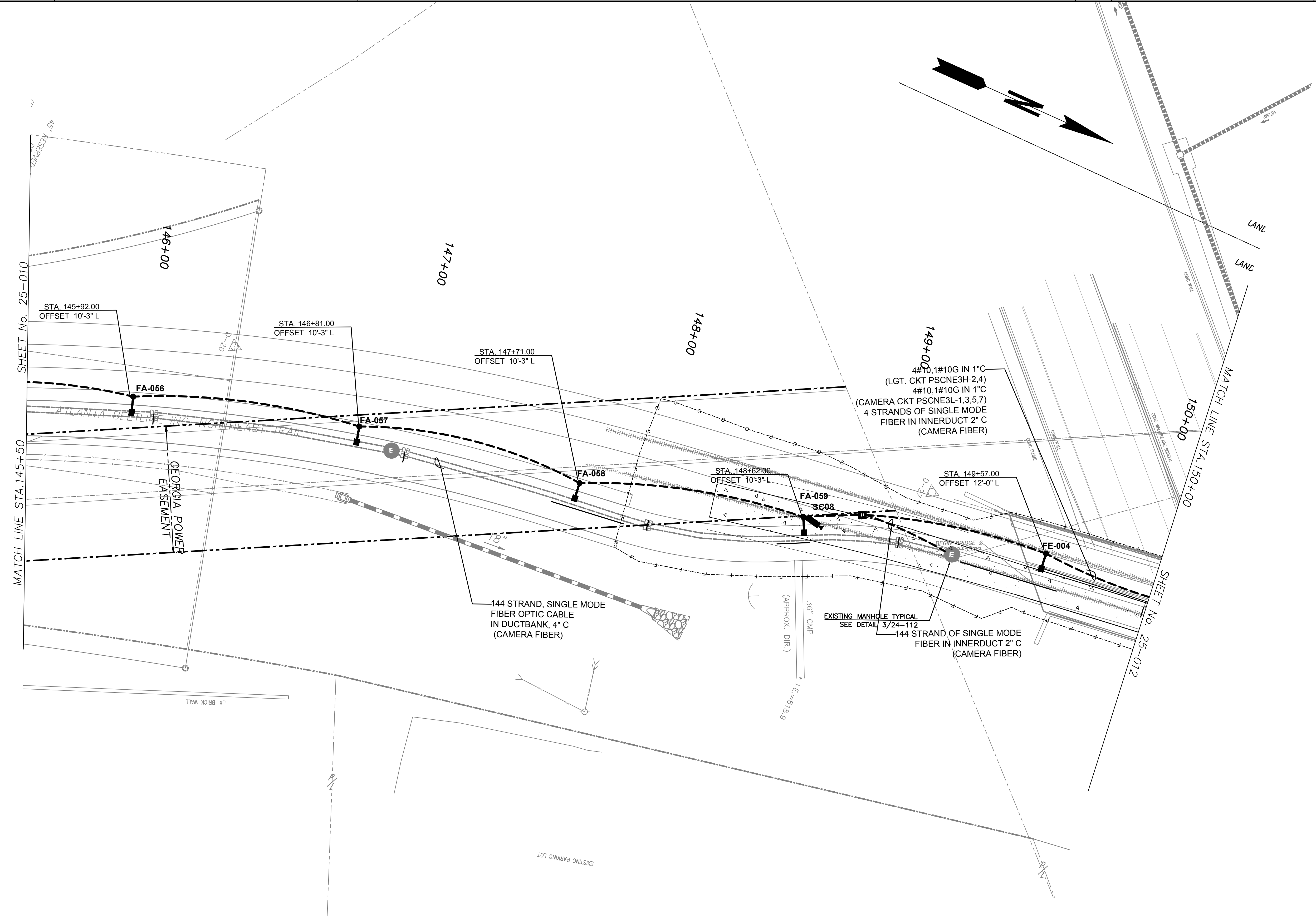
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LILBURN, GEORGIA 30047
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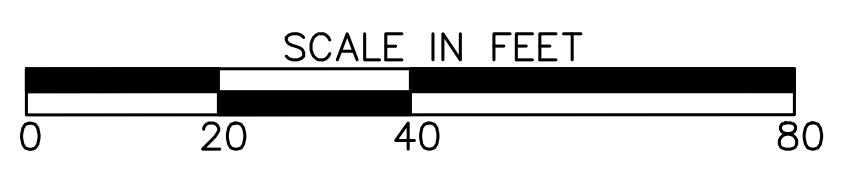
REVISION DATES	

LIGHTING PLANS
ATLANTA BELTLINE NORTHEAST TRAIL
STA. 140+00 TO STA. 145+50

CHECKED:	DATE:	DRAWING No. 25-010
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



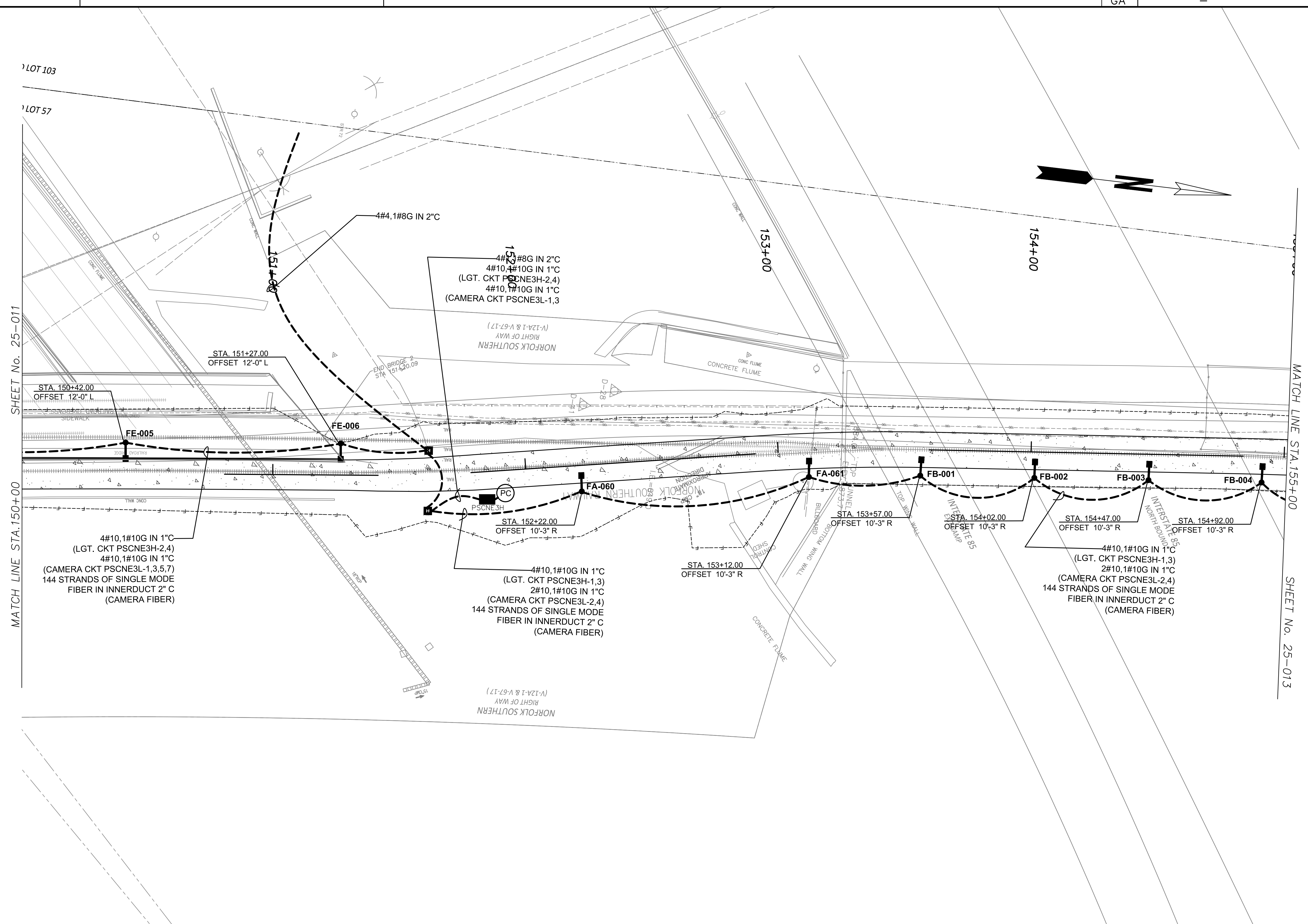
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 ENGINEERING CONSULTANTS
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REVISION DATES	

LIGHTING PLANS
ATLANTA BELTLINE NORTHEAST TRAIL
 STA. 145+50 TO STA. 150+00

CHECKED:	DATE:	DRAWING No. 25-011
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



SHEET No. 25-011

MATCH LINE STA. 150+00

MATCH LINE STA. 155+00

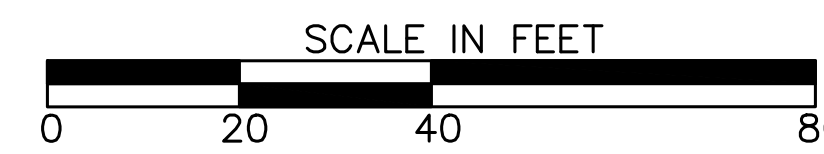
SHEET No. 25-013



ATLANTA BELTLINE, INC.
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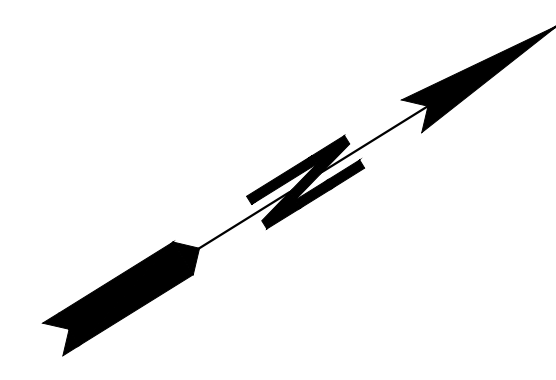
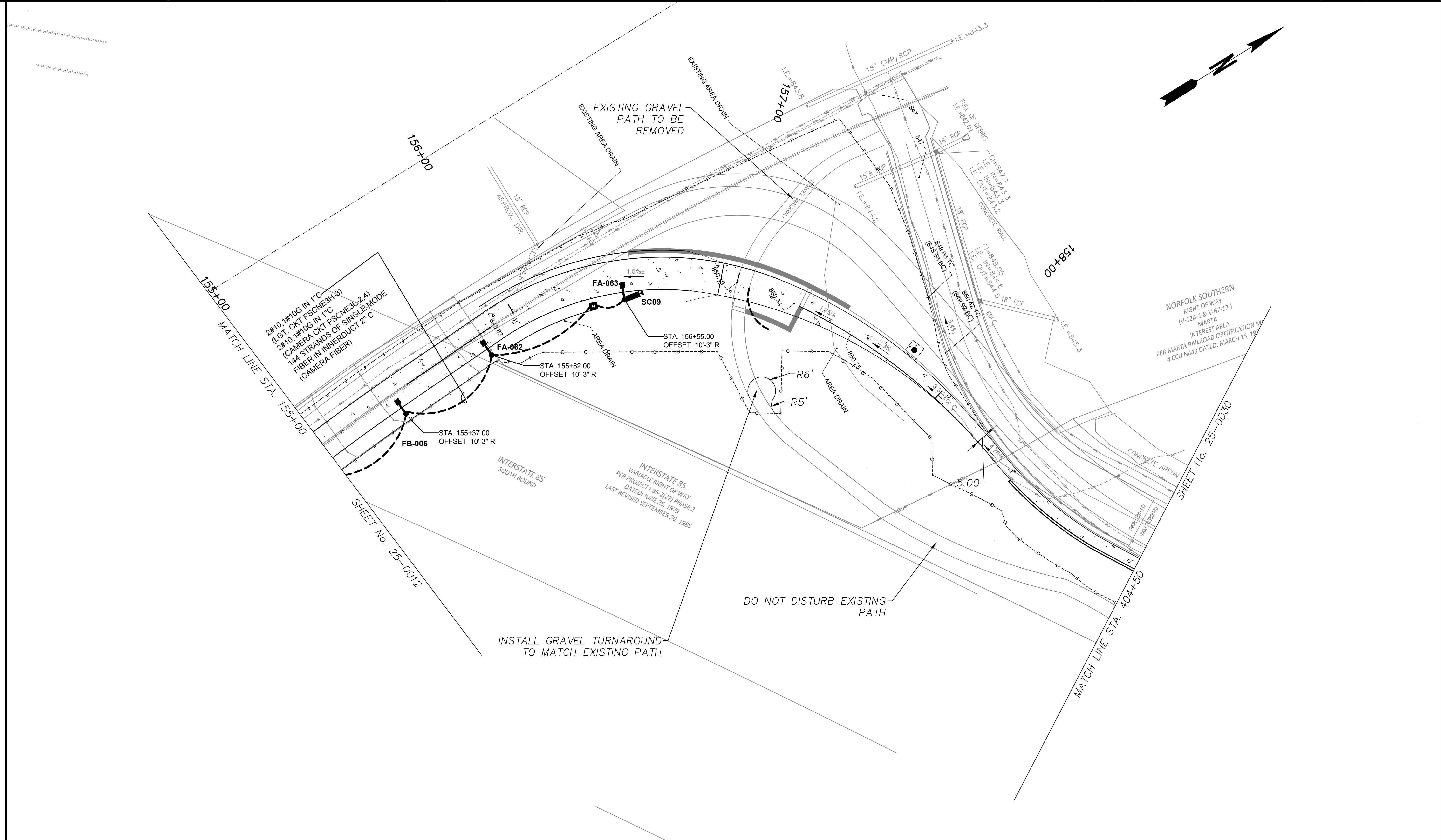
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REVISION DATES	

LIGHTING PLANS
ATLANTA BELTLINE NORTHEAST TRAIL
 STA. 150+00 TO STA. 155+00

CHECKED:	DATE:	DRAWING No. 25-012
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



2#10, 1#10G IN 1\"/>

INTERSTATE 85
VARIABLE RIGHT OF WAY
PER PROJECT I-85-3(27) PHASE 2
DATED: JUNE 25, 1979
LAST REVISED: SEPTEMBER 30, 1985

NORFOLK SOUTHERN
RIGHT OF WAY
(V-12A-1 & V-67-17)
MARTA
INTEREST AREA
PER MARTA RAILROAD CERTIFICATION M
CCU N443 DATED: MARCH 15, 19

SHEET No. 25-0012

SHEET No. 25-0030

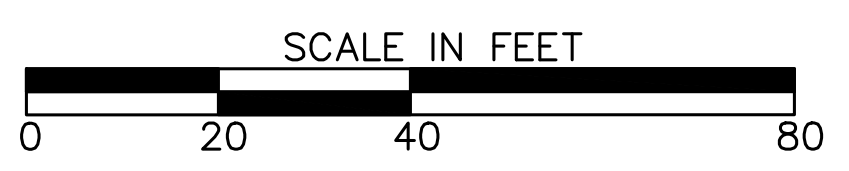
INSTALL GRAVEL TURNAROUND
TO MATCH EXISTING PATH

DO NOT DISTURB EXISTING
PATH



Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

RPA
R. POWELL & ASSOCIATES, INC.
ENGINEERING CONSULTANTS
1312 KILLIAN WAY
LILBURN, GEORGIA 30047
PHONE: 770-806-0143

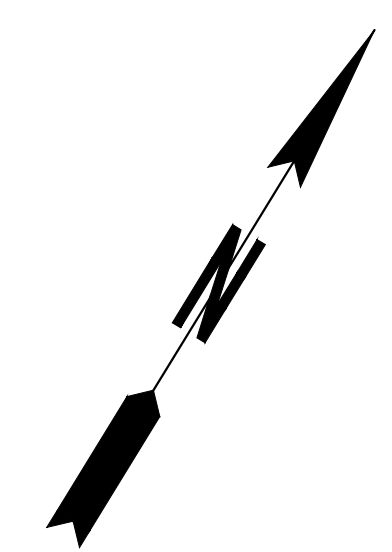
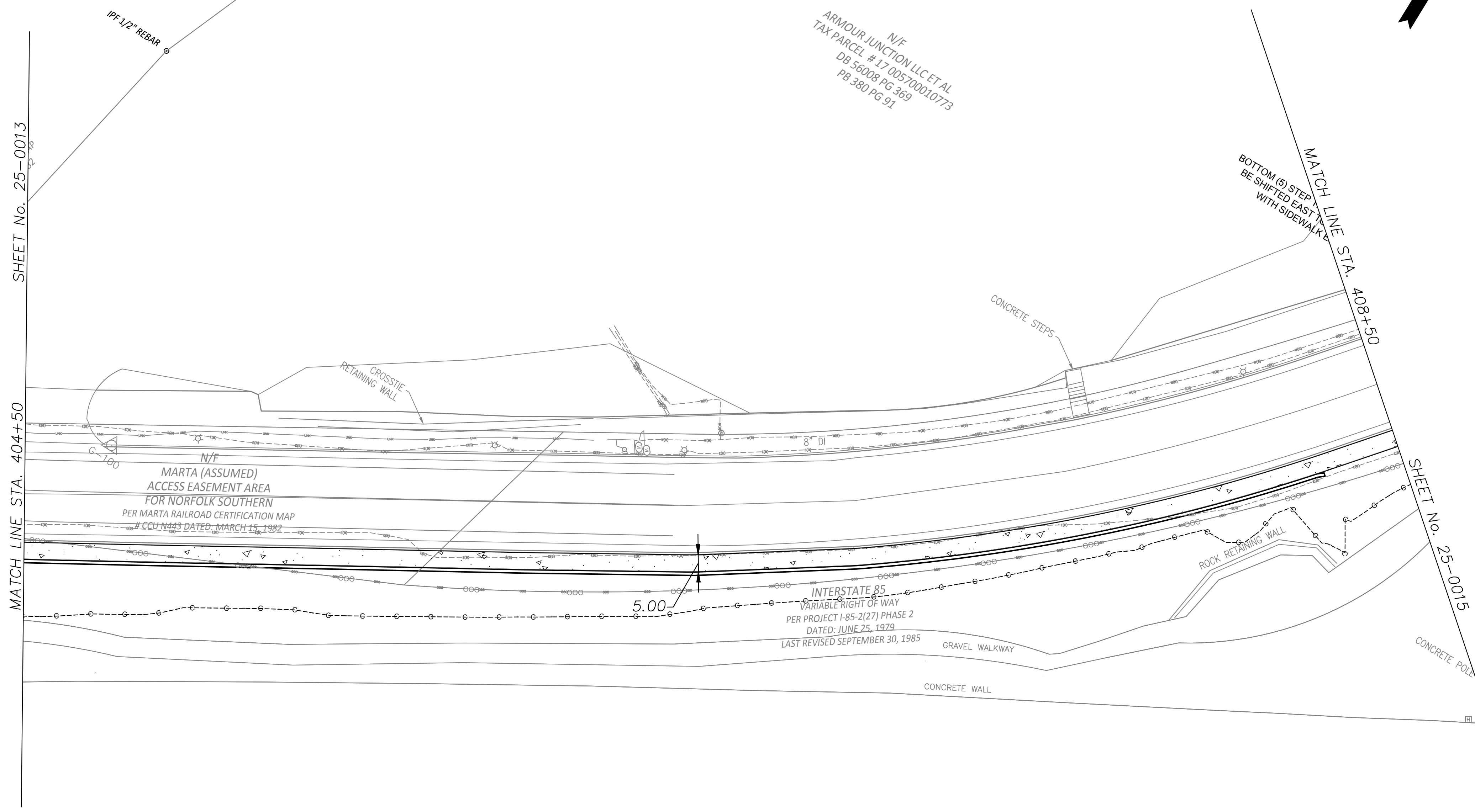


REVISION DATES	

LIGHTING PLANS
ATLANTA BELTLINE NORTHEAST TRAIL
STA. 155+00 TO STA. 404+50

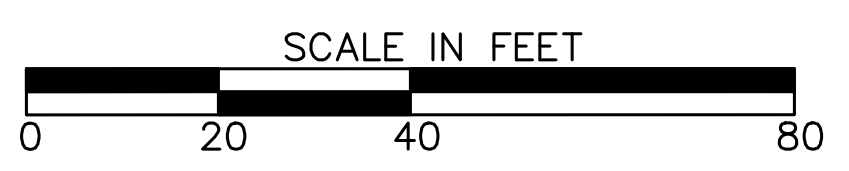
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DRAWING No.
25-013



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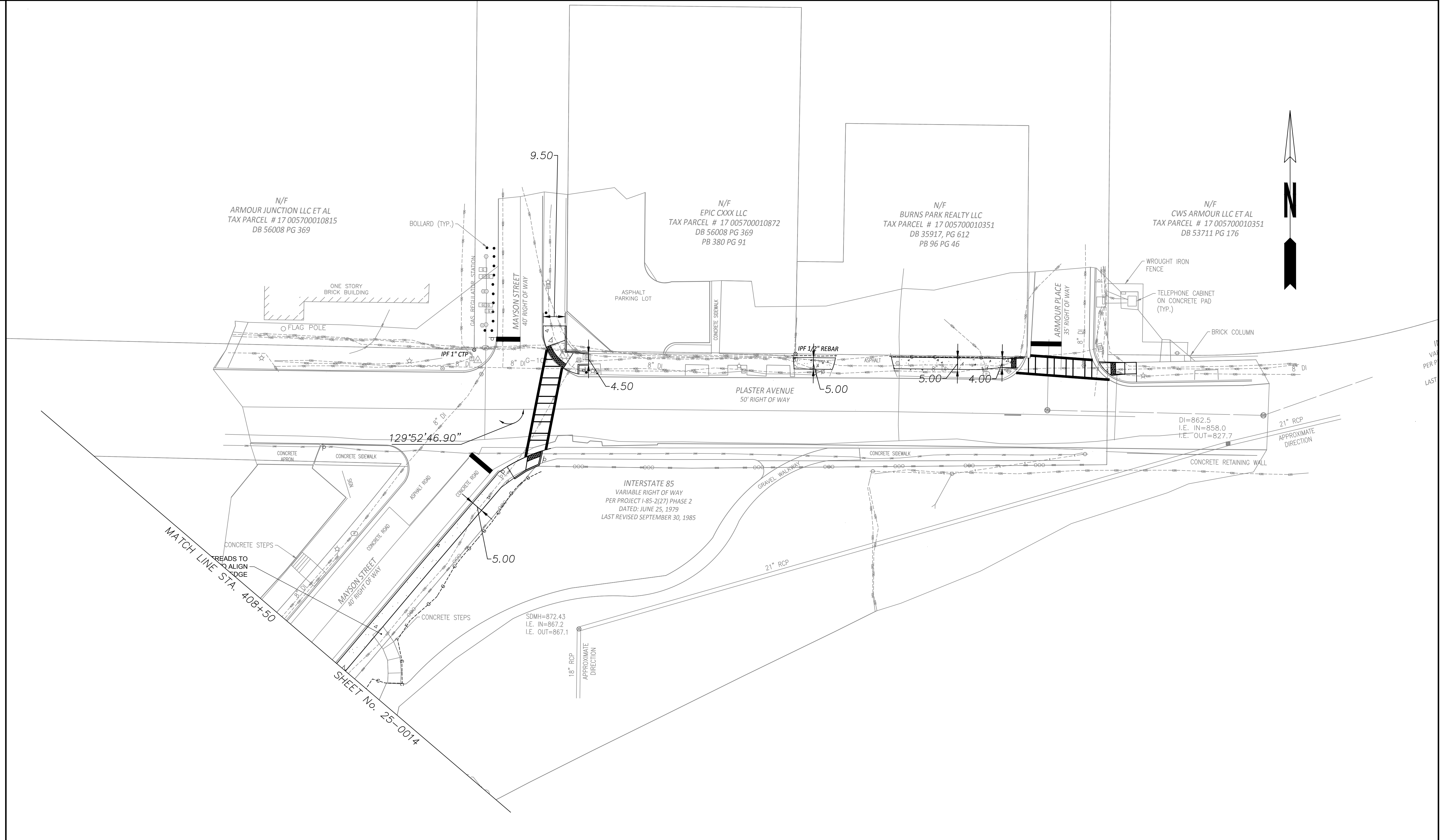
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REVISION DATES	

LIGHTING PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL
 STA. 404+50 TO STA. 408+50

CHECKED:	DATE:	DRAWING No. 25-014
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 408+50

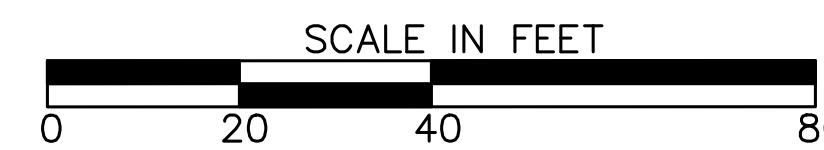
SHEET No. 25-0014



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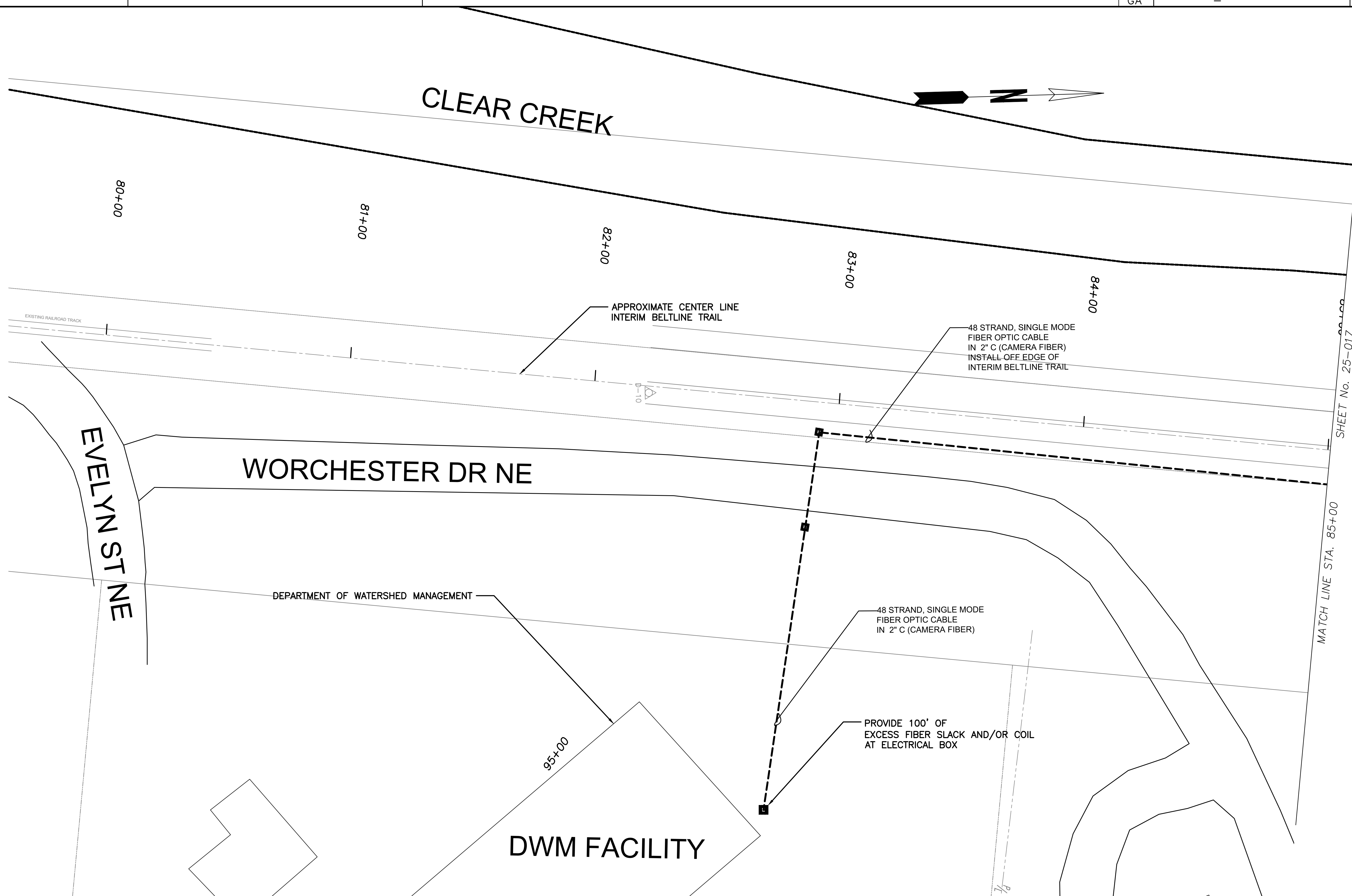
R. POWELL & ASSOCIATES, INC.
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REVISION DATES	

LIGHTING PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL
 STA. 408+50 TO STA. END

CHECKED:	DATE:	DRAWING No. 25-015
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



EVELYN ST NE

CLEAR CREEK

WORCHESTER DR NE

DWM FACILITY

DEPARTMENT OF WATERSHED MANAGEMENT

APPROXIMATE CENTER LINE INTERIM BELTLINE TRAIL

48 STRAND, SINGLE MODE FIBER OPTIC CABLE IN 2" C (CAMERA FIBER) INSTALL OFF EDGE OF INTERIM BELTLINE TRAIL

48 STRAND, SINGLE MODE FIBER OPTIC CABLE IN 2" C (CAMERA FIBER)

PROVIDE 100' OF EXCESS FIBER SLACK AND/OR COIL AT ELECTRICAL BOX

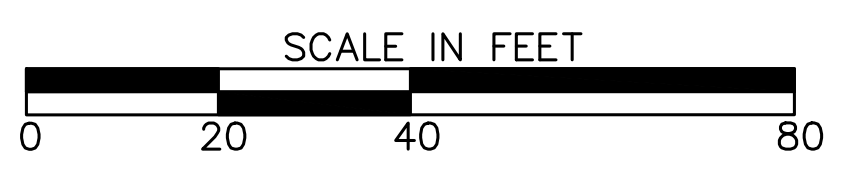
SHEET No. 25-017

MATCH LINE STA. 85+00



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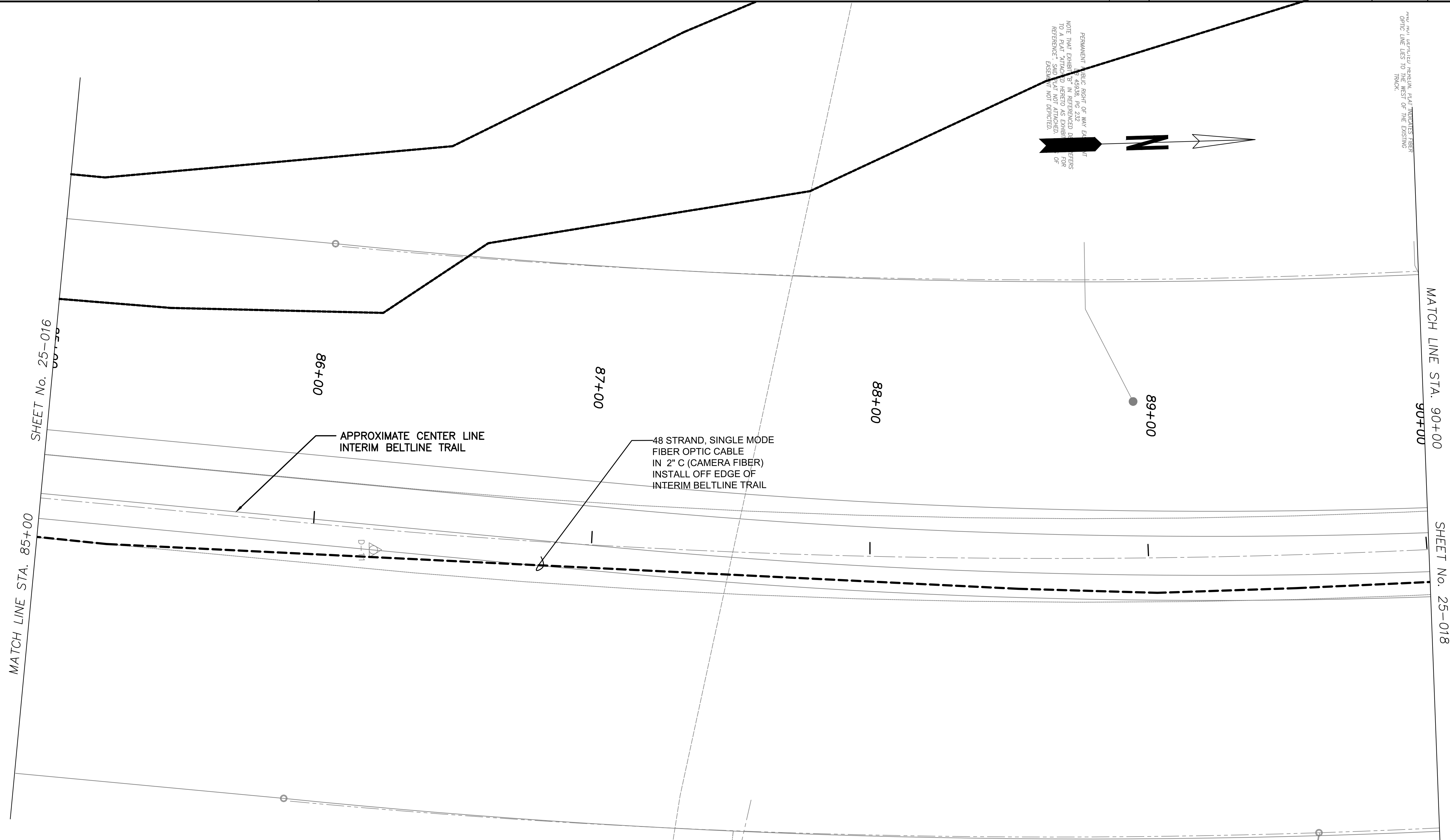
RPA
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REVISION DATES	
1/3/2022	

LIGHTING PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL
 STA. 80+00 TO STA. 85+00

CHECKED:	DATE:	DRAWING No. 25-016
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



PERMANENT PUBLIC RIGHT OF WAY EASEMENT
 NOTE THAT EXHIBIT 'B' IN REFERENCED DRAWINGS
 TO A PLAT ATTACHED HERETO AS EXHIBIT 'B' FOR
 REFERENCE. SAID PLAT NOT DETACHED.
 2020

NEW AND EXISTING PERMANENT PUBLIC RIGHT OF WAY EASEMENT
 OPTIC LINE LIES TO THE WEST OF THE EXISTING
 TRACK.

SHEET No. 25-016

MATCH LINE STA. 85+00

MATCH LINE STA. 90+00

SHEET No. 25-018

N/F
 CITY OF ATLANTA
 600 EVELYN ST

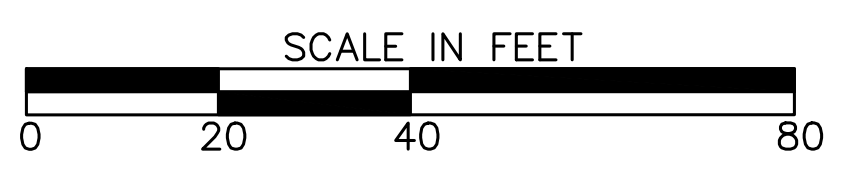
N/F
 FIVE FORTY FIVE,
 DEED BOOK 3892
 PAGE 543

IPF-1/2"RB



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 ATLANTA BELTLINE, INC.
 100 PEACHTREE STREET
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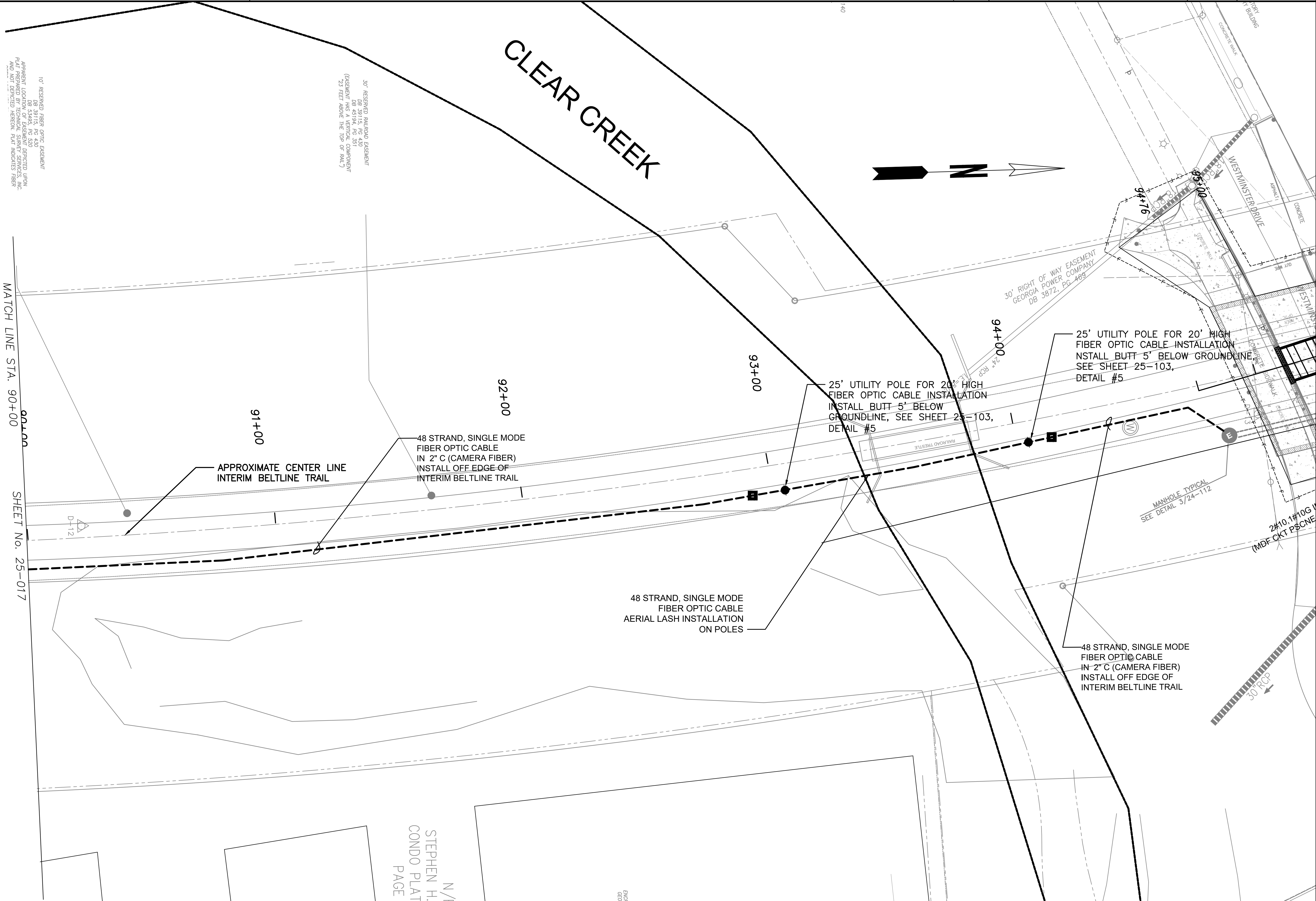
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REVISION DATES	
1/3/2022	

LIGHTING PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL
 STA. 85+00 TO STA. 90+00

CHECKED:	DATE:	DRAWING No. 25-017
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



10' RESERVED FIBER OPTIC EASEMENT
 DB 39141S, PG. 430
 APPOINTMENT LOCATION OF EASEMENT REPORTED UPON
 APPROXIMATE LOCATION OF EASEMENT SHOWN
 APPROXIMATE LOCATION OF EASEMENT SHOWN

30' RESERVED PARALLEL EASEMENT
 (EASEMENT HAS A VERTICAL COMPONENT
 DB 43194, PG. 351
 23 FEET ABOVE THE TOP OF ROAD.)

30' RIGHT OF WAY EASEMENT
 GEORGIA POWER COMPANY
 DB 3872, PG. 469

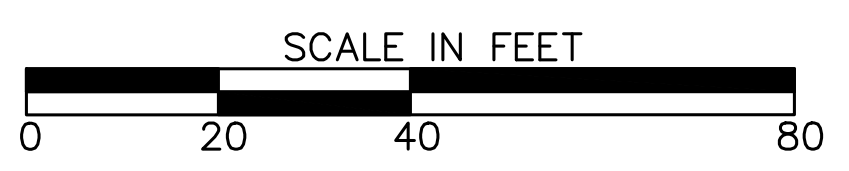
MATCH LINE STA. 90+00
 SHEET No. 25-017

N/F
 STEPHEN H.
 CONDO PLAT
 PAGE



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REVISION DATES	
1/3/2022	

LIGHTING PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL
 STA. 90+00 TO STA. 95+00

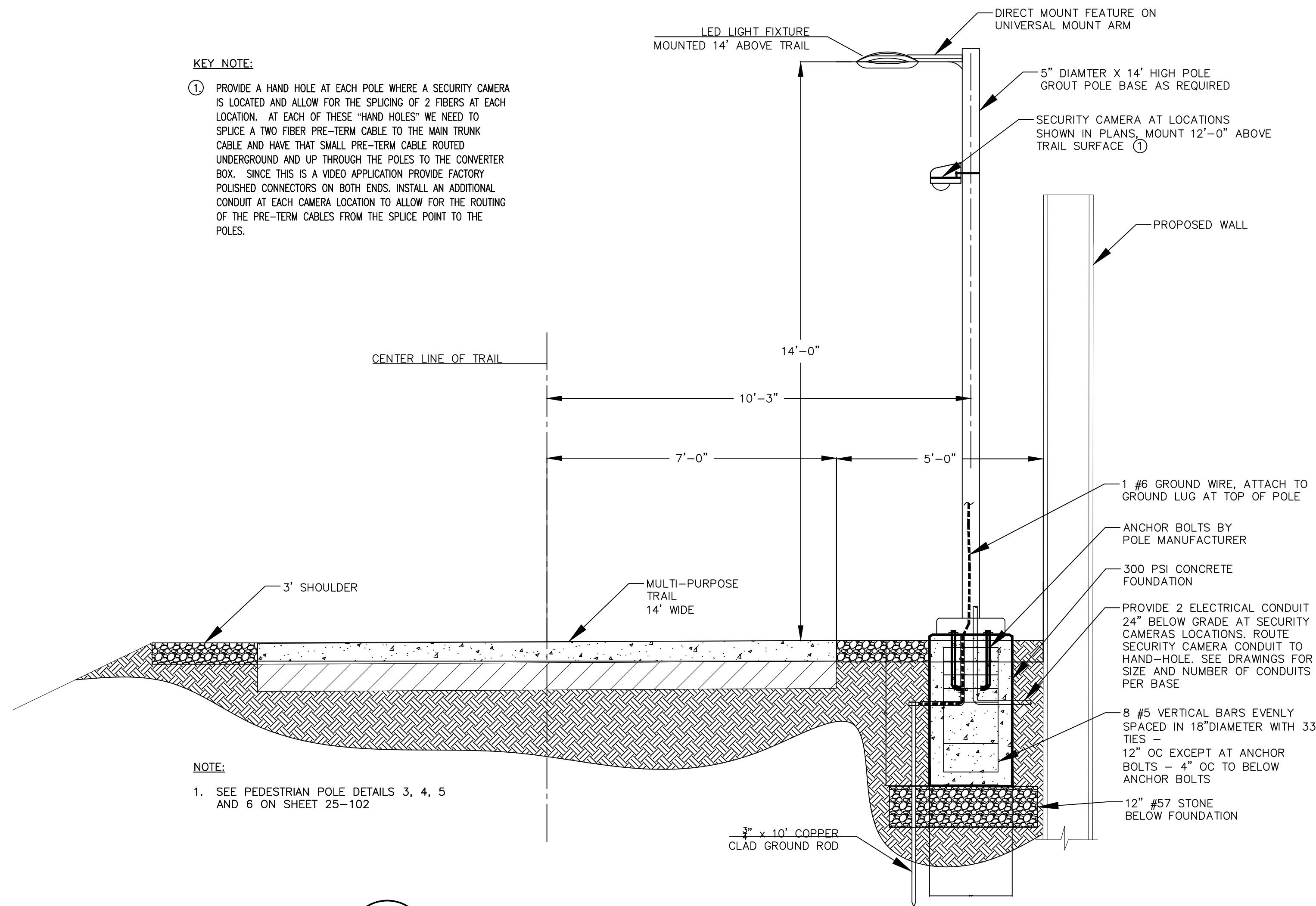
CHECKED:	DATE:	DRAWING No. 25-018
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

KEY NOTE:

① PROVIDE A HAND HOLE AT EACH POLE WHERE A SECURITY CAMERA IS LOCATED AND ALLOW FOR THE SPLICING OF 2 FIBERS AT EACH LOCATION. AT EACH OF THESE "HAND HOLES" WE NEED TO SPLICE A TWO FIBER PRE-TERM CABLE TO THE MAIN TRUNK CABLE AND HAVE THAT SMALL PRE-TERM CABLE ROUTED UNDERGROUND AND UP THROUGH THE POLES TO THE CONVERTER BOX. SINCE THIS IS A VIDEO APPLICATION PROVIDE FACTORY POLISHED CONNECTORS ON BOTH ENDS. INSTALL AN ADDITIONAL CONDUIT AT EACH CAMERA LOCATION TO ALLOW FOR THE ROUTING OF THE PRE-TERM CABLES FROM THE SPLICE POINT TO THE POLES.

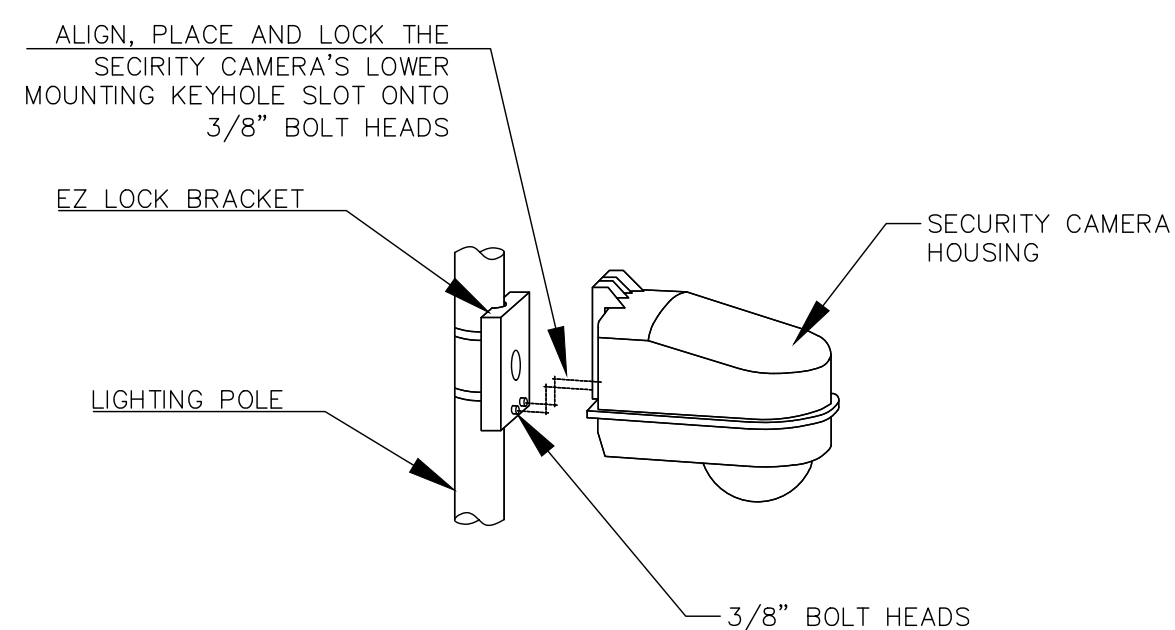
NOTE:

1. SEE PEDESTRIAN POLE DETAILS 3, 4, 5 AND 6 ON SHEET 25-102

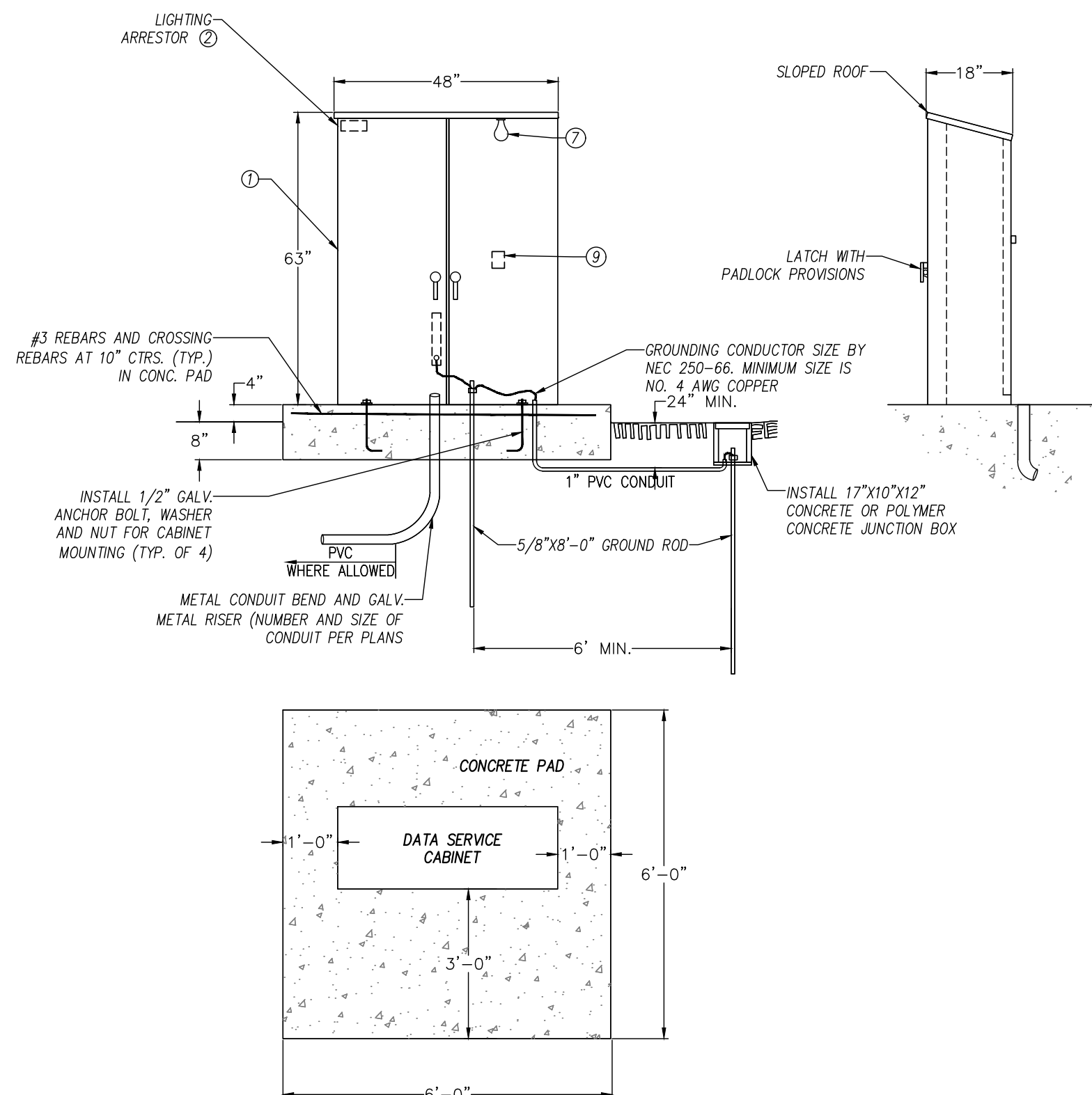


1 TYPE "FA" LIGHTING FIXTURE DETAIL AND TYPICAL TRAIL SECTION
25-101 N.T.S.

SECURITY CAMERA MATERIAL LIST - ANEXTER KIT PART #ABL2-AFOD-KIT		
ITEM NO.	ITEM DESCRIPTION	QUANTITY
	AXIS FIXED HD CAMERA	1
	CAMERA LENSE	1
	OUTDOOR HOUSING ENCLOSURE, FLAT BLACK IN COLOR	1
	BLUE LIGHT FOR ENCLOSURE	1
	POLE MOUNT KIT/POWER SUPPLY	1
	SD MEMORY CARD	1
	SURGE PROTECTOR	1
	ONSS1 CAMERA LICENSE	1
	ONSS1 VIDEO WALL LICENSE	1

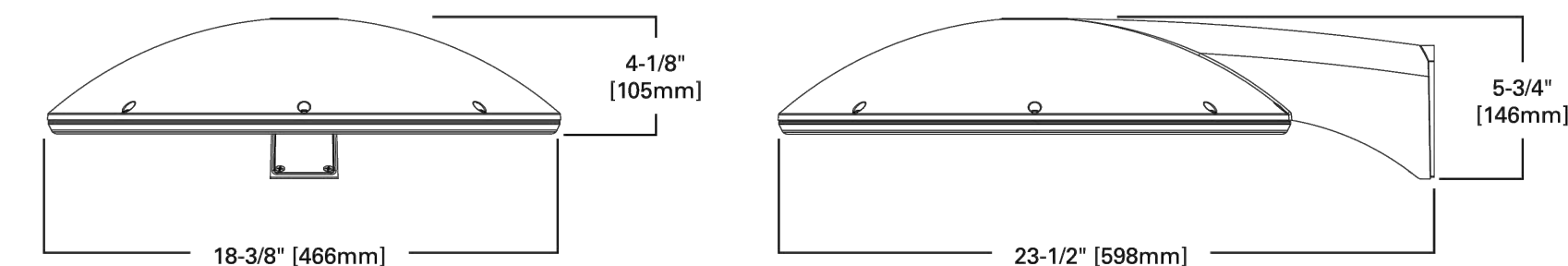


3 SECURITY CAMERA INSTALLATION
25-101 N.T.S.



4 MDF CABINET INSTALLATION
25-101 N.T.S.

MDF CABINET MATERIAL		
ITEM NO.	ITEM DESCRIPTION	QUANTITY
	STAINLESS STEEL CABINET, APPROX 5'X4'X20" DEEP	1
	NETWORK VIDEO RECORDER - 144 STRAIN FIBER OPTIC CABLE	1
	GIGABIT MANAGED ETHERNET SWITCH	1
	SPLICE TRAYS - 144 STRAIN FIBER	
	FIBER DISTRIBUTION UNITS	
	FIBER SPLICE CLOSURES	
	FIBER ADAPTERS	
	FIBER TESTING UNIT	
	ASSOCIATED CONNECTERS AND NECESSARY EQUIPMENT FOR A COMPLETE INSTALLATION	



2 TYPE "FC" LIGHTING FIXTURE DETAIL
25-101 N.T.S.



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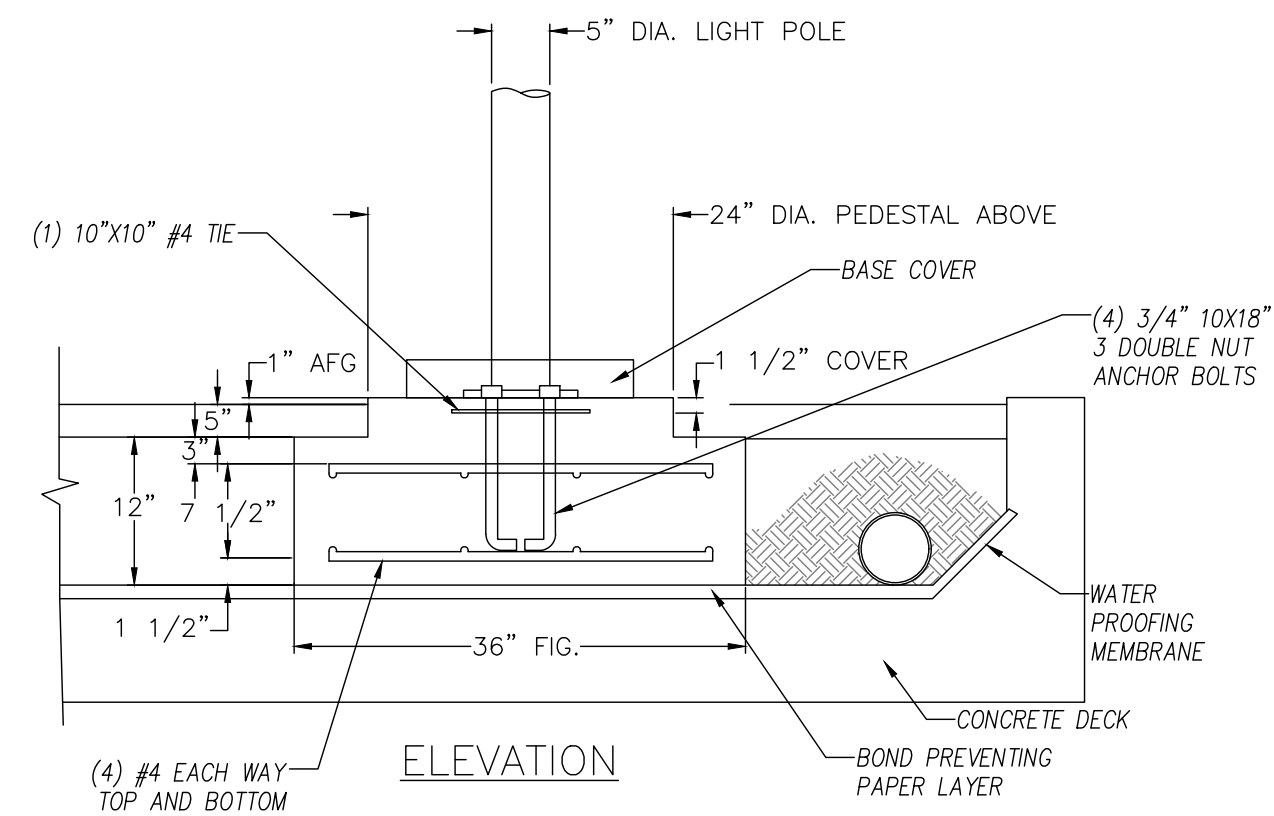


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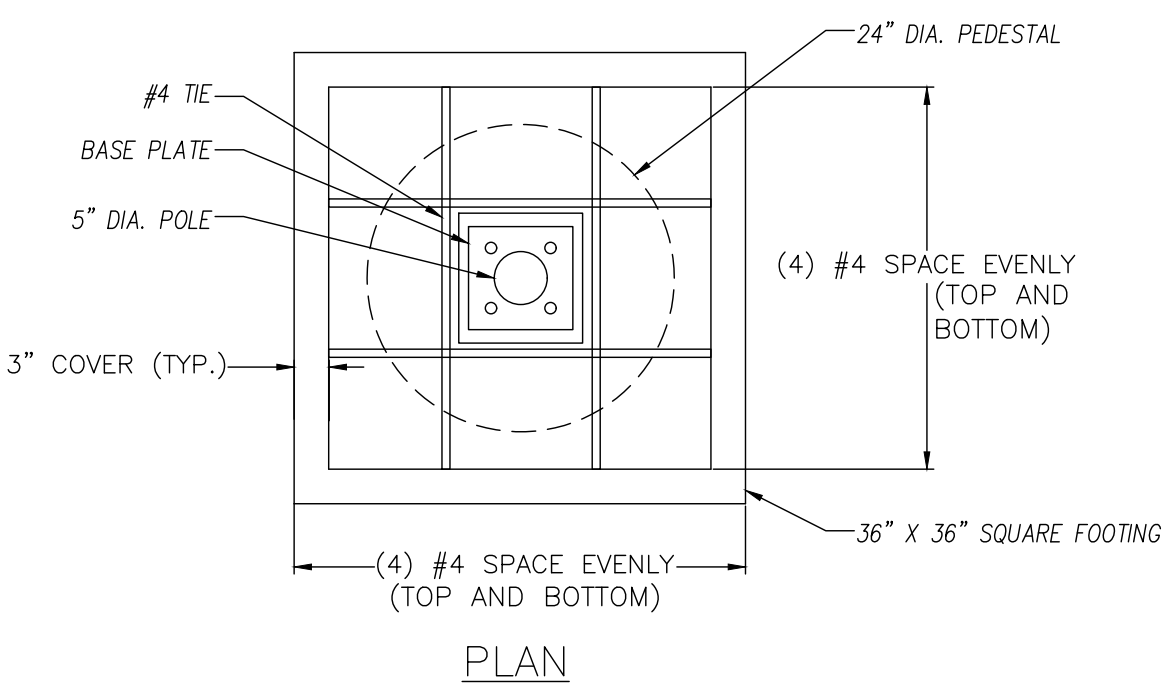
REVISION DATES	
1/3/2022	

ATLANTA BELTLINE NORTHEAST TRAIL
LIGHTING DETAILS

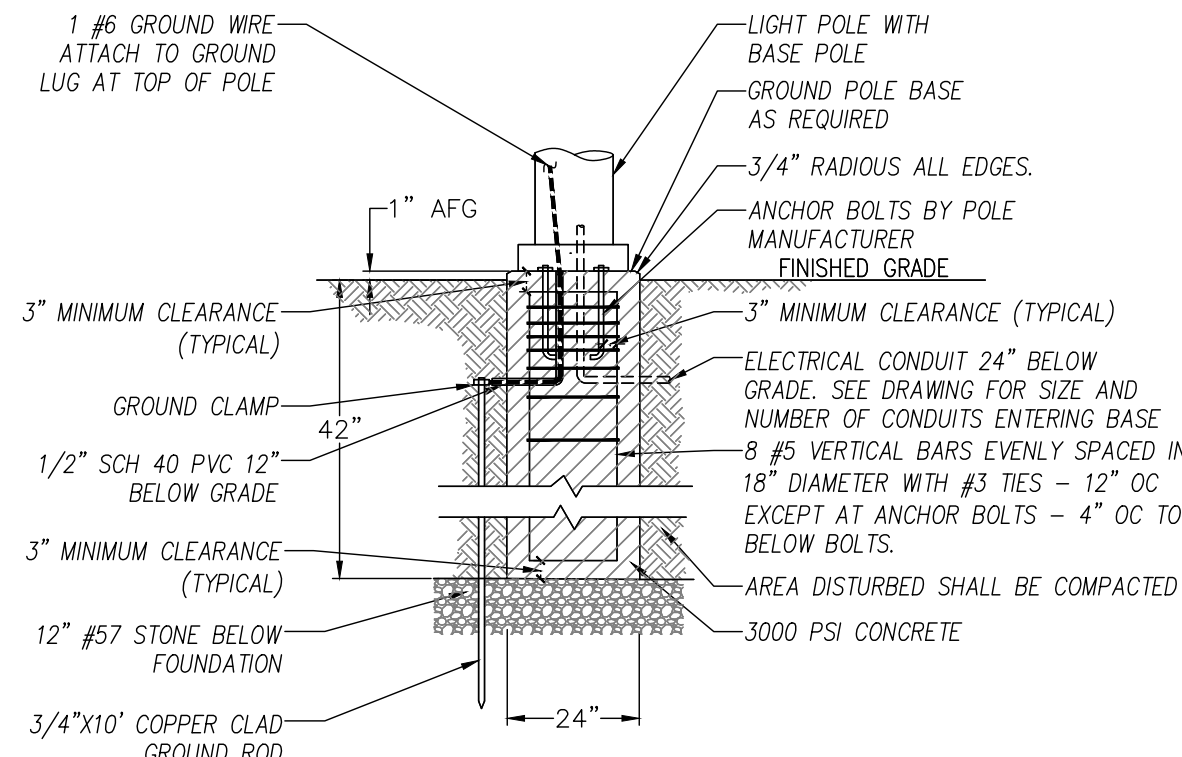
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BACKCHECKED:	DATE:	
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VERIFIED:	DATE:	



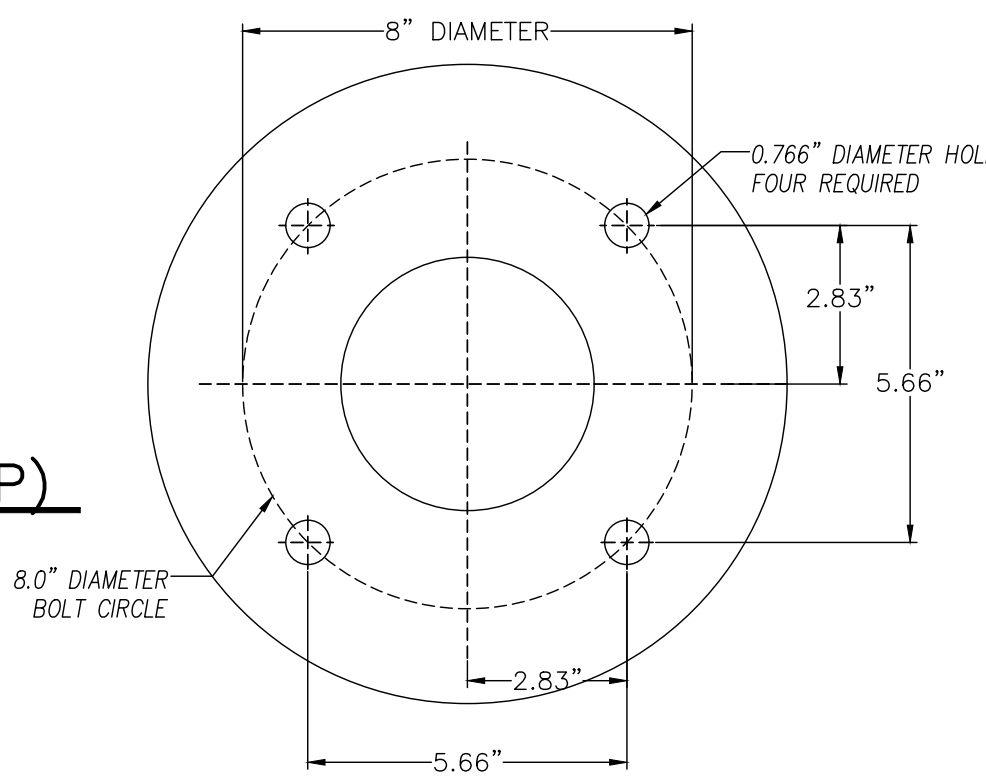
ELEVATION



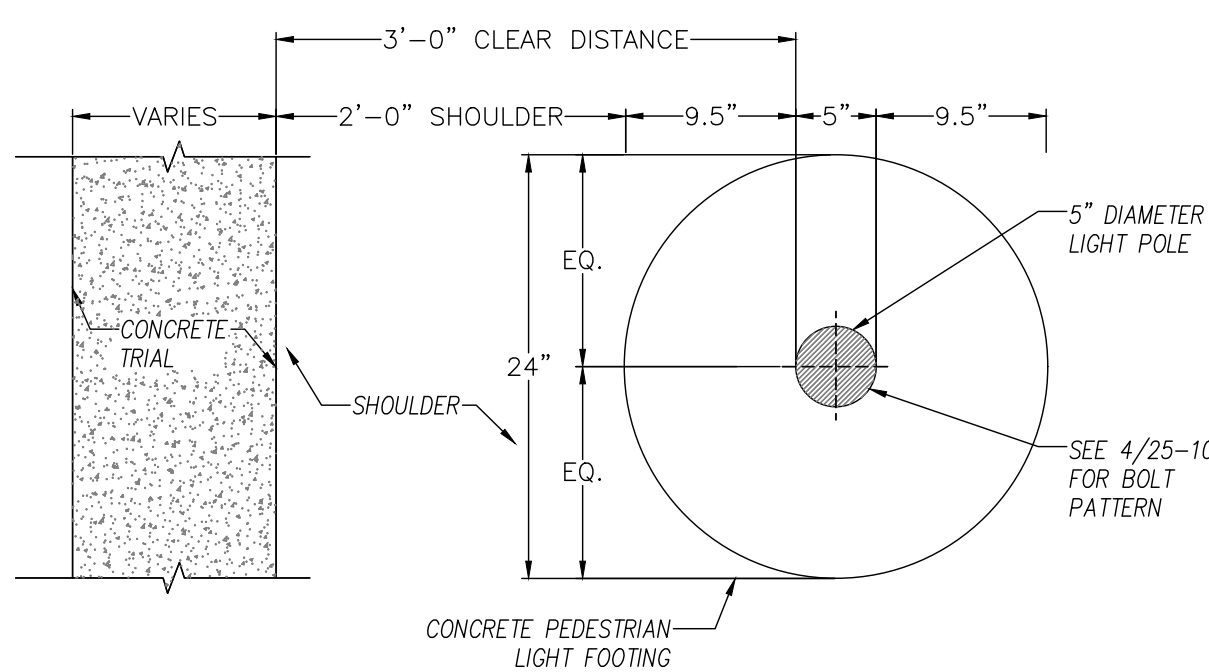
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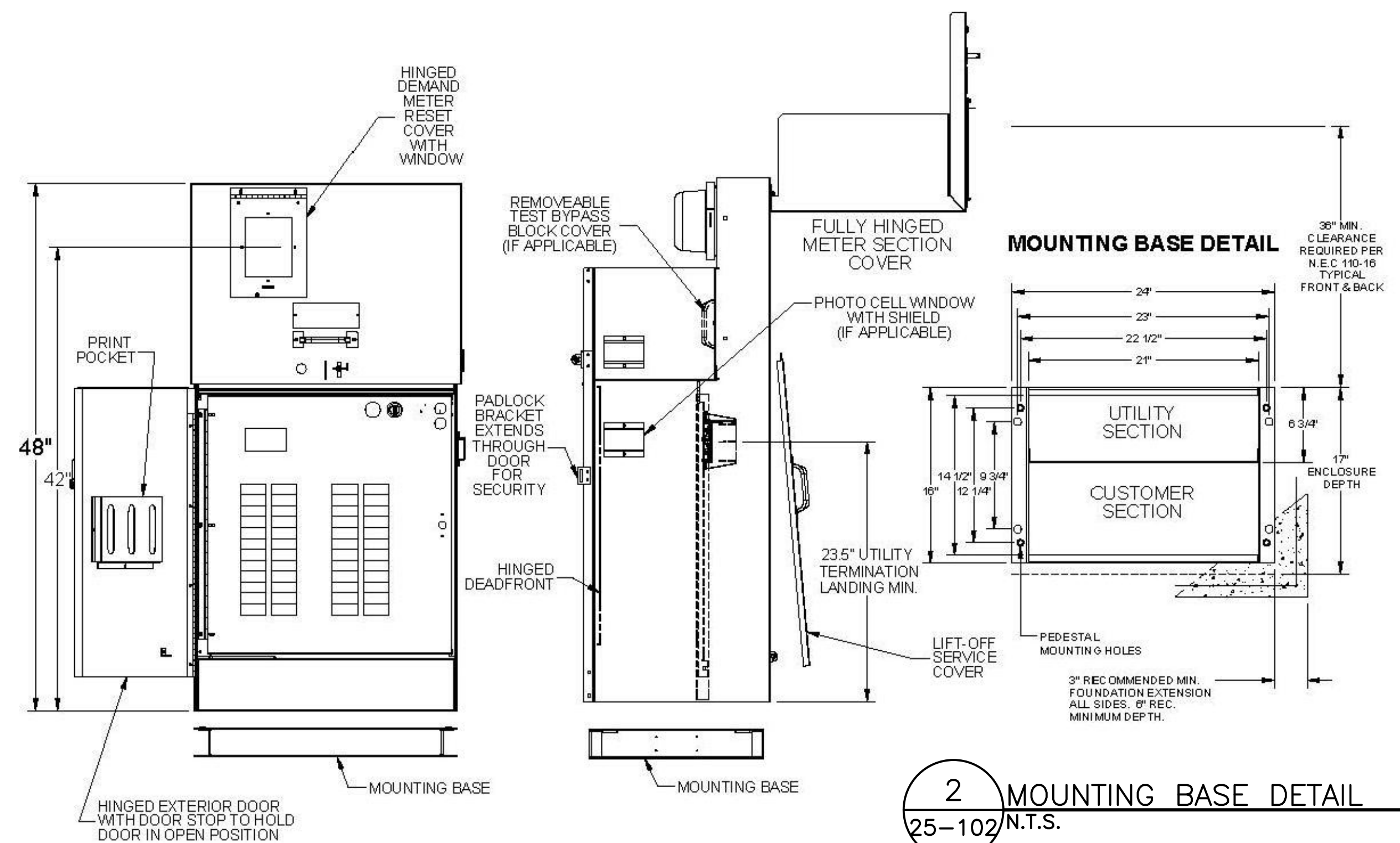
4 PEDESTRIAN POLE FOOTING SECTION
25-102 N.T.S.



5 PEDESTRIAN POLE LIGHT BOLT PATTERN
25-102 N.T.S.



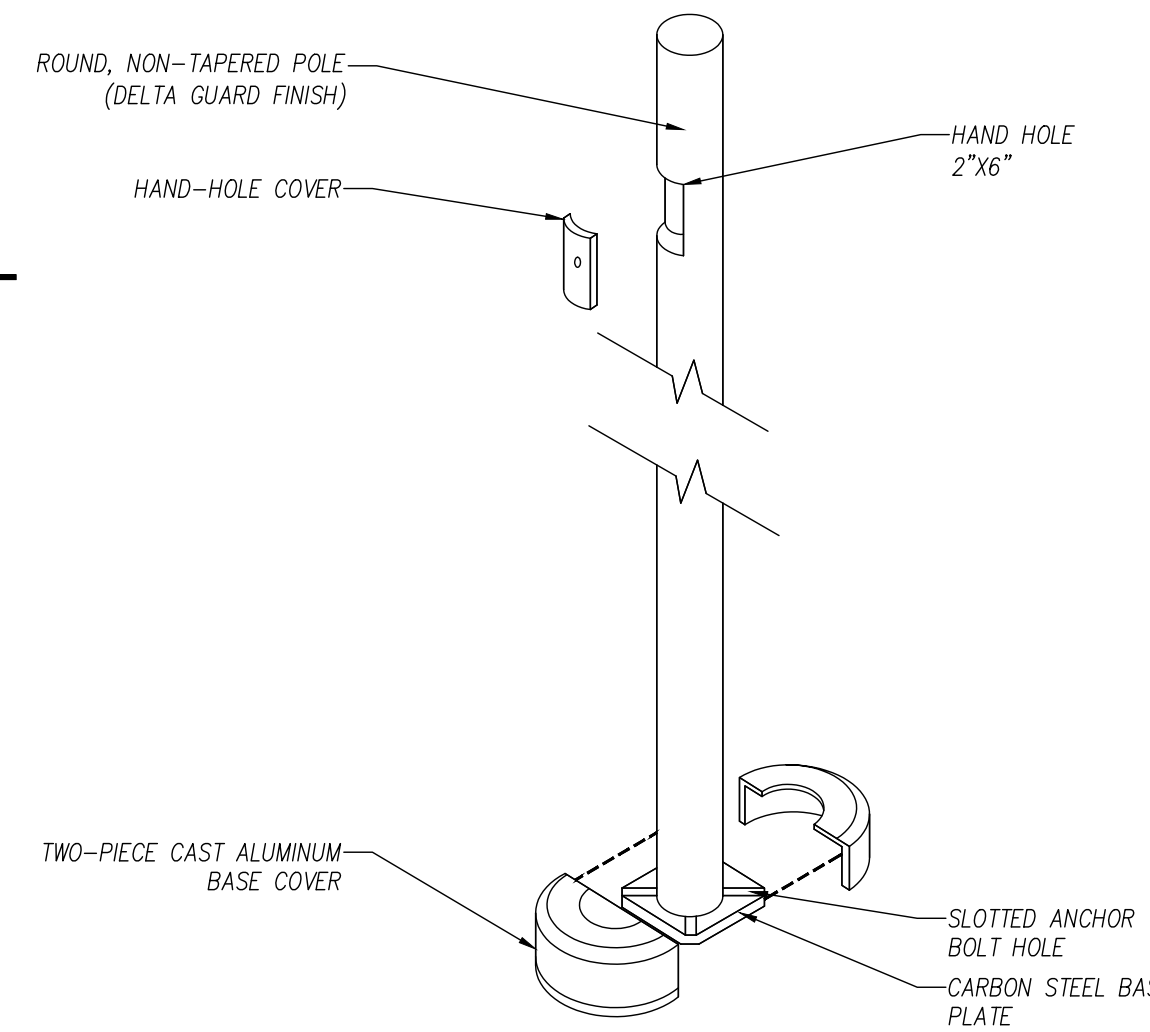
6 PEDESTRIAN POLE FOOTING - PLAN VIEW DETAIL
25-102 N.T.S.



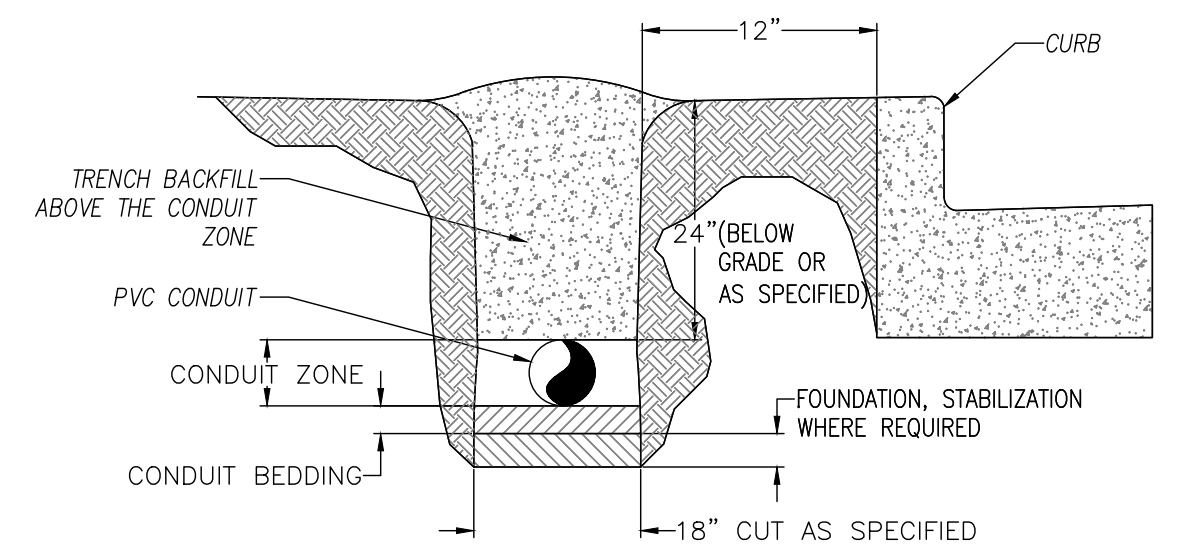
1 24" "B" STYLE METERS PEDESTAL DETAIL
25-102 N.T.S.

2 MOUNTING BASE DETAIL
25-102 N.T.S.

NOTE: FOR BRIDGE 1, (CLEAR CREEK) MOUNTED POLE FOUNDATION DETAIL, SEE BRIDGE 1, SHEET 35-0005



3 ROUND STEEL POLE
25-102 N.T.S.



2 TYPICAL TRENCH DETAIL
25-102 N.T.S.



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REVISION DATES

NO.	DATE	DESCRIPTION

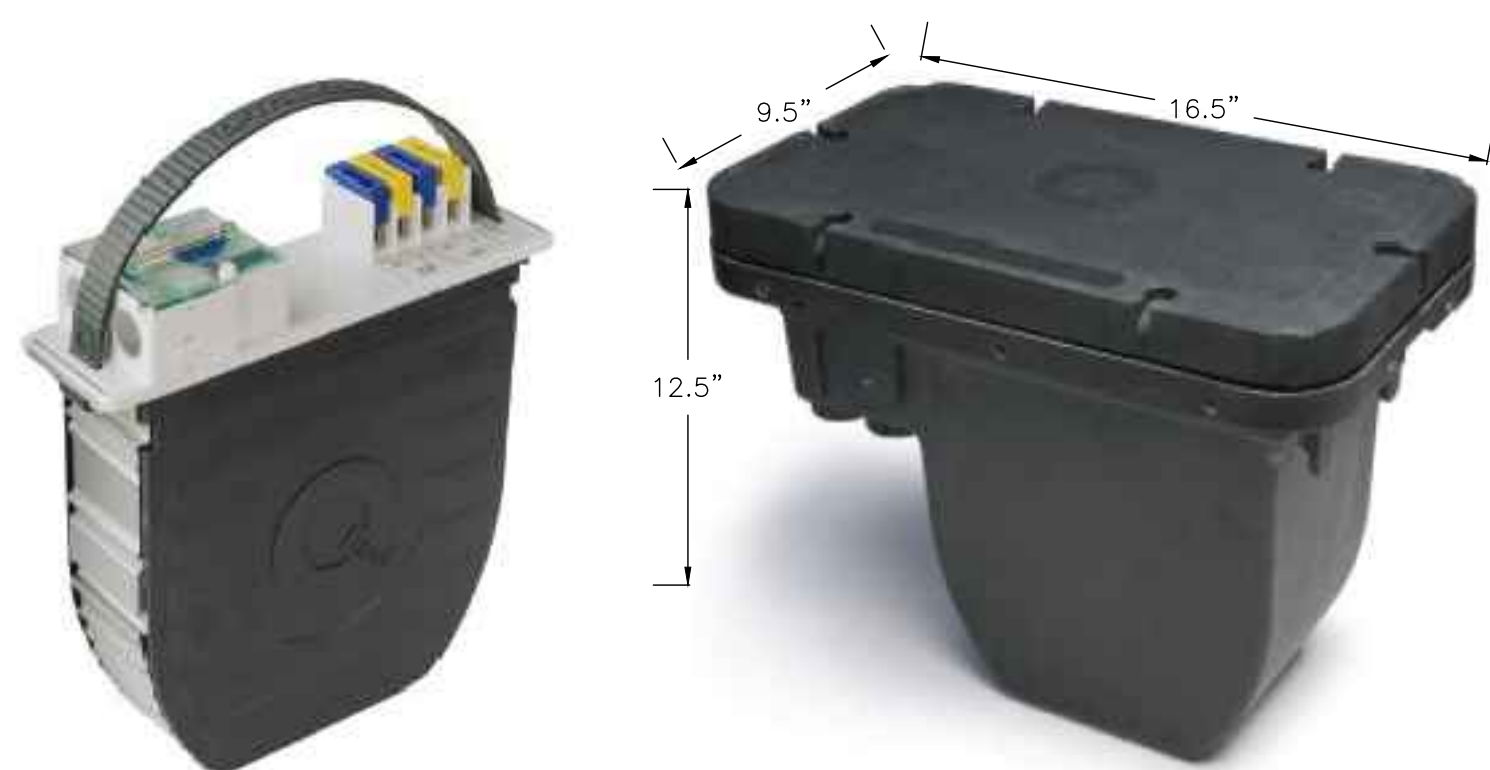
ATLANTA BELTLINE NORTHEAST TRAIL
LIGHTING DETAILS

CHECKED:	DATE:	DRAWING No. 25-102
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

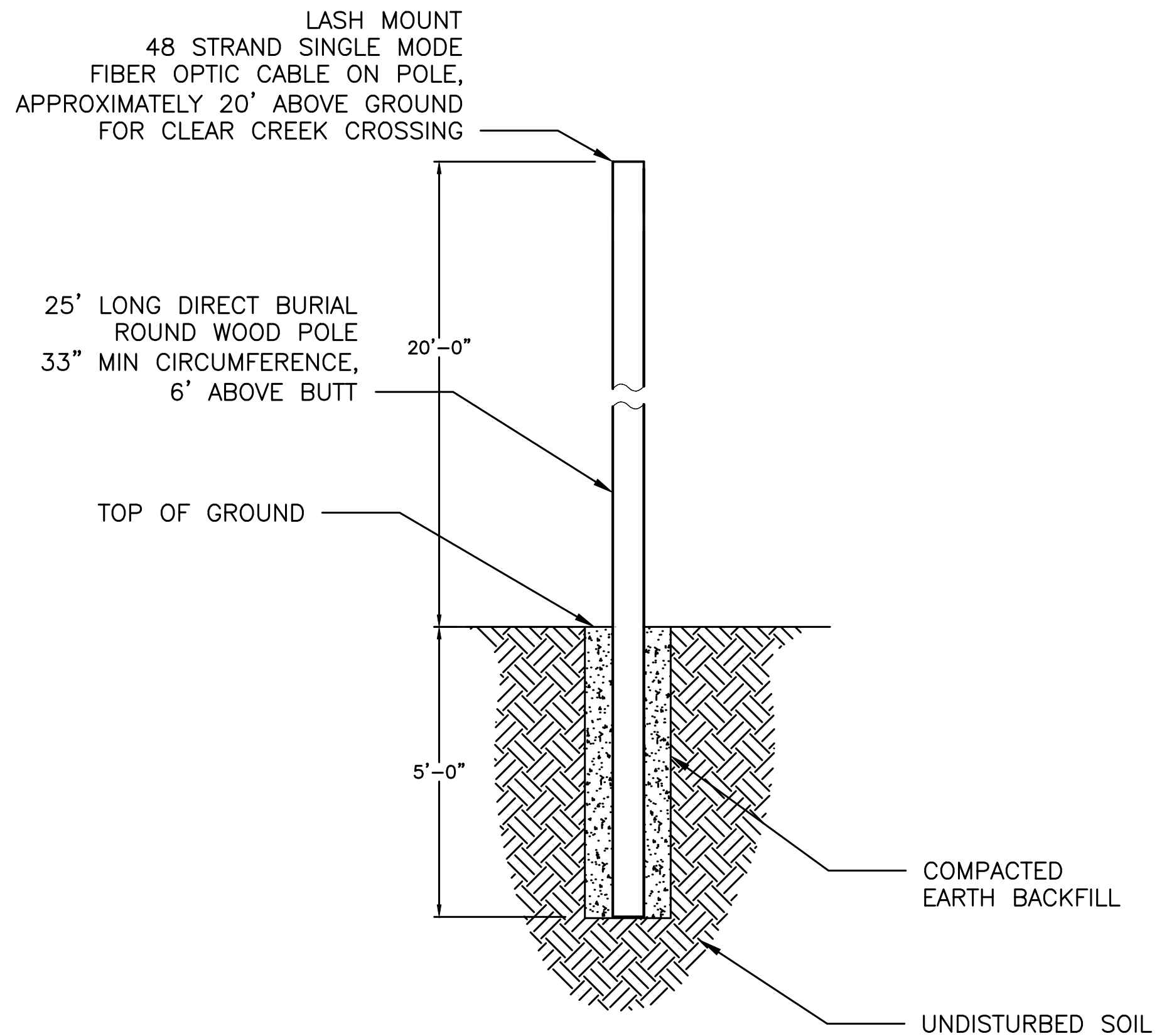
MATERIAL QUANTITIES			
ITEM NO.	ITEM DESCRIPTION	UNITS	QUANTITY
500-3101	CLASS A CONCRETE	CY	30
511-1000	BAR REINF STEEL	LB	3,335
680-6130	LUMINAIRE TYPE "FA" (SEE LIGHT FIXTURE SCHEDULE)	EA	62
680-6130	LUMINAIRE TYPE "FB" (SEE LIGHT FIXTURE SCHEDULE)	EA	5
630-6200	WALL MOUNTED UNDERPASS LUMINAIRE, TYPE "FC" (SEE LIGHT FIXTURE SC	EA	8
680-6130	LUMINAIRE TYPE "FE" (SEE LIGHT FIXTURE SCHEDULE)	EA	6
680-6130	LUMINAIRE TYPE "FF" (SEE LIGHT FIXTURE SCHEDULE)	EA	3
937-1000	SECURITY CAMERA "SC" (SEE LIGHT FIXTURE SCHEDULE)	EA	9
680-4110	LIGHTING STANDARD-STEEL, 11-15 FT + GROUND ROD & CABLE	EA	75
682-6110	CONDUIT, RIGID, 1 IN	LF	120
682-6219	CONDUIT, NONMETL, TP 2, 1 IN	LF	5,640
682-6222	CONDUIT, NONMETL, TP 2, 2 IN	LF	3,560
935-1118	OUTSIDE PLANT FIBER OPTIC CABLE LOOSE TUBE SINGLE MODE, 144 FIBER	LF	6,500
935-1115	OUTSIDE PLANT FIBER OPTIC CABLE LOOSE TUBE SINGLE MODE, 48 FIBER	LF	1,560
935-1111	OUTSIDE PLANT FIBER OPTIC CABLE LOOSE TUBE SINGLE MODE, 6 FIBER	LF	1,400
682-1404	Cable, TP XHHW, AWG No 10	LF	52,070
682-1405	Cable, TP XHHW, AWG No 8	LF	2,300
682-1406	Cable, TP XHHW, AWG No 6	LF	800
682-1407	Cable, TP XHHW, AWG No 4	LF	3,200
682-9000	POWER SERVICE CABINET (SEE DETAIL DWG #25-102)	EA	3
682-9000	MDF CABINET FOR FIBER TERMINATIONS	EA	1
682-9020	HANDHOLE	EA	19
682-9022	ELECTRIC BOX	EA	3

NOTES:

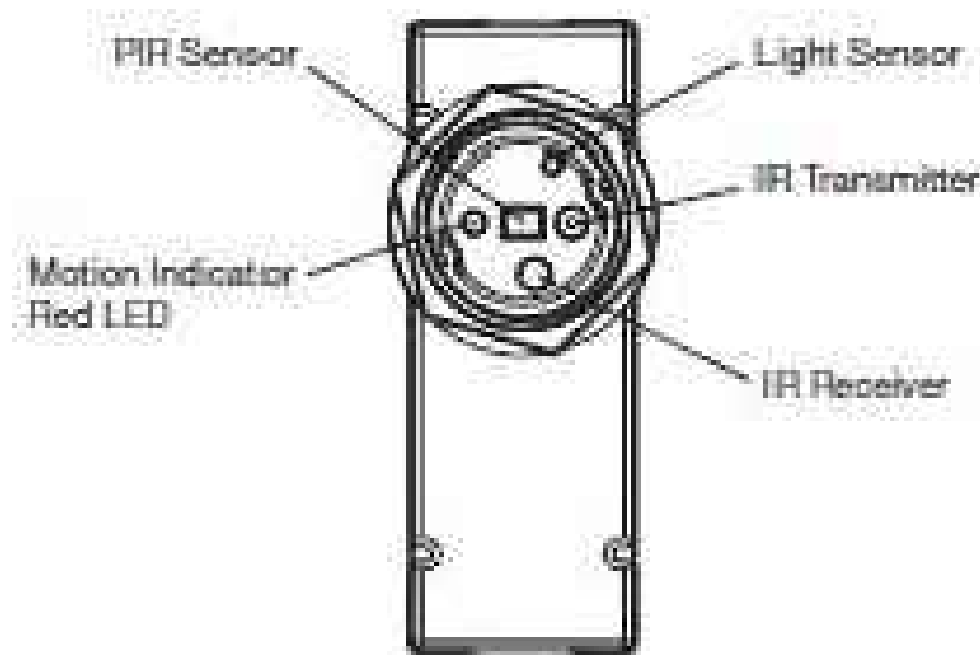
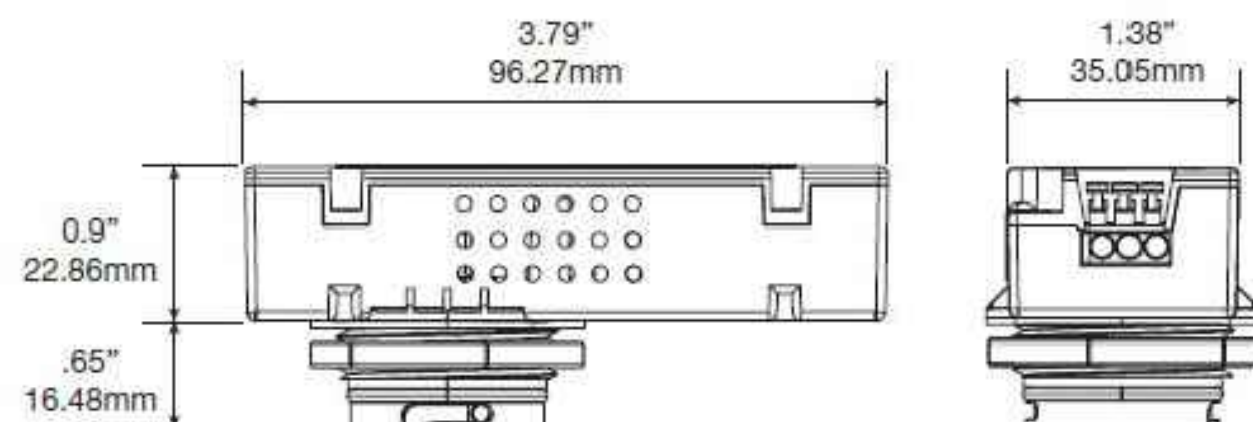
- INSTALL FIBER OPTIC CABLE, SINGLE MODE, 144 FIBER, IN DUCTBANK BENEATH THE TRAIL. SEE 24 SERIES SHEETS FOR DETAILS OF DUCTBANK AND MANHOLE LOCATIONS. SPLICE FIBER OPTIC CABLE AT MANHOLE NEAR EACH CAMERA LOCATION AND RUN 2 CABLES TO EACH CAMERA IN 1" CONDUIT.
- INSTALL MDF CABINET AT STA 95+00. RUN FIBER OPTIC CABLE TO CABINET. SEE SHEET 25-101, DETAIL 4 FOR CABINET DETAILS.



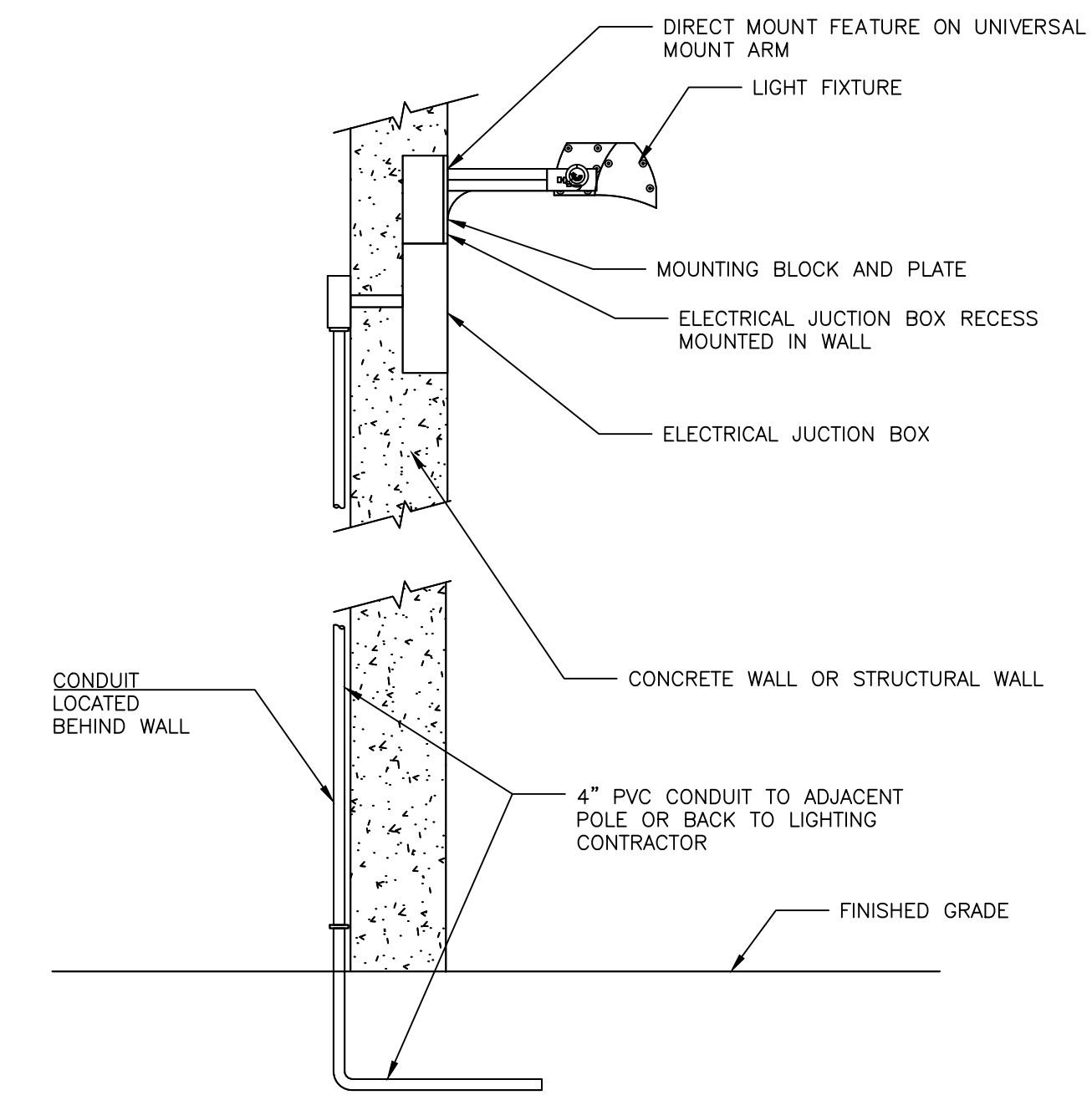
3 TYPICAL ELECTRIC VAULT BOX DETAIL
25-103 N.T.S.



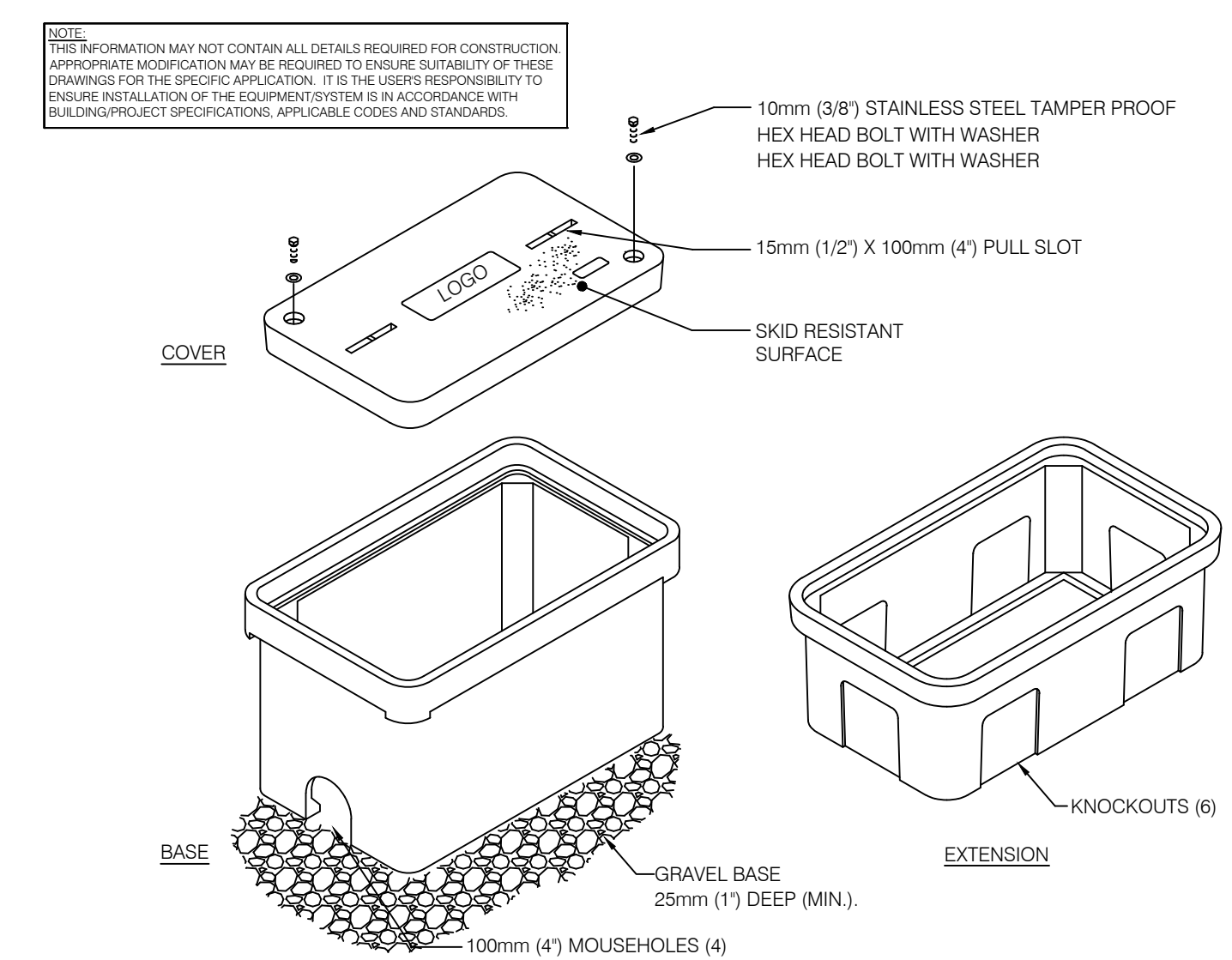
5 25' DIRECT BURIAL WOOD POLE
25-103 N.T.S.



4 INTERGRATED OCCUPANCY SENSOR
25-103 N.T.S.



1 WALL MOUNTED LIGHT FIXTURE CONDUIT DETAIL
25-103 N.T.S.



- NOTES:
- PROVIDE STAINLESS HANDHOLE COVER.
 - PROVIDE 25mm (1) X 10mm (3/8) BELL PULL SLOT FOR EACH HANDHOLE.

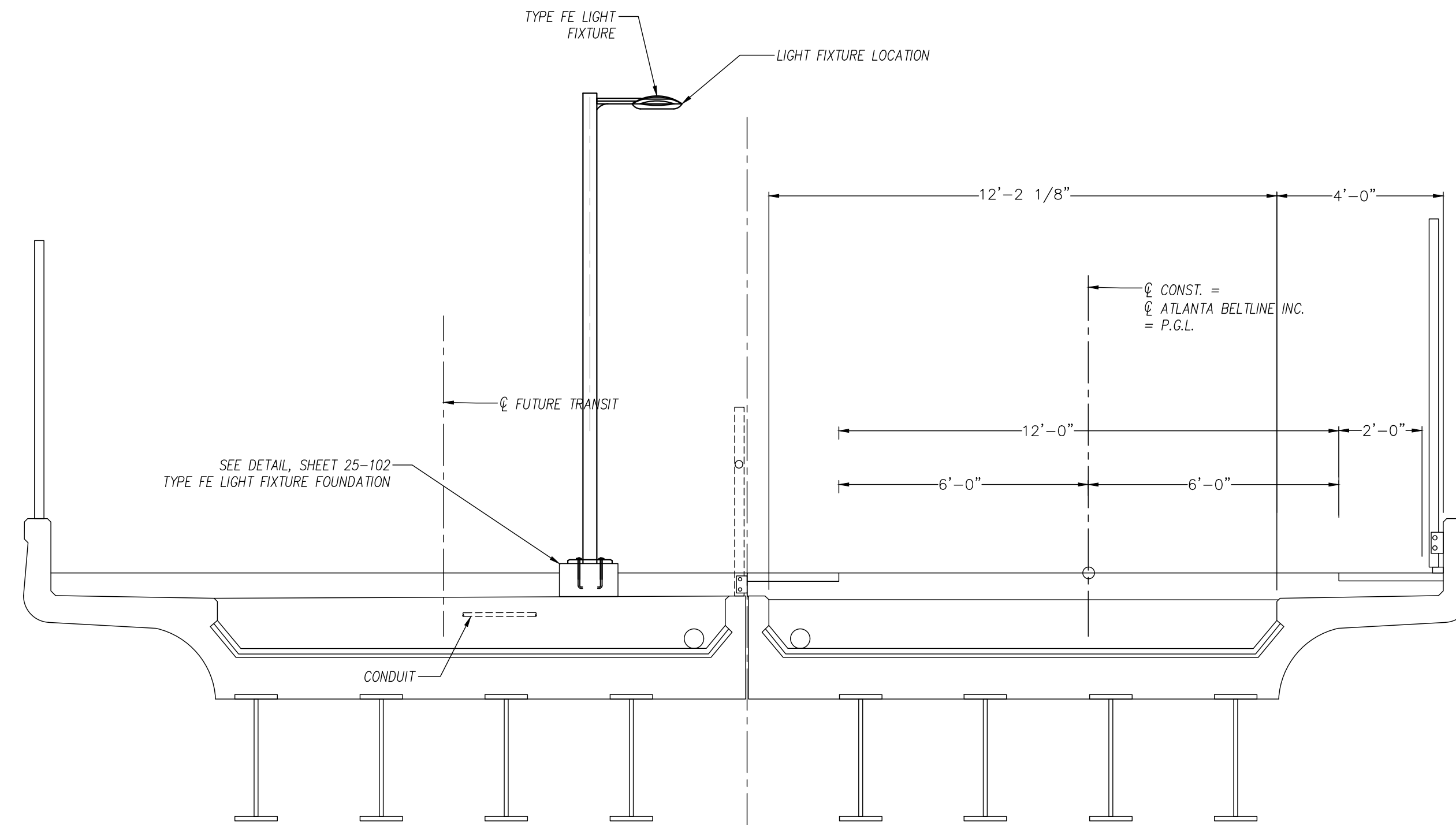
2 TYPICAL HANDHOLE DETAIL
25-103 N.T.S.



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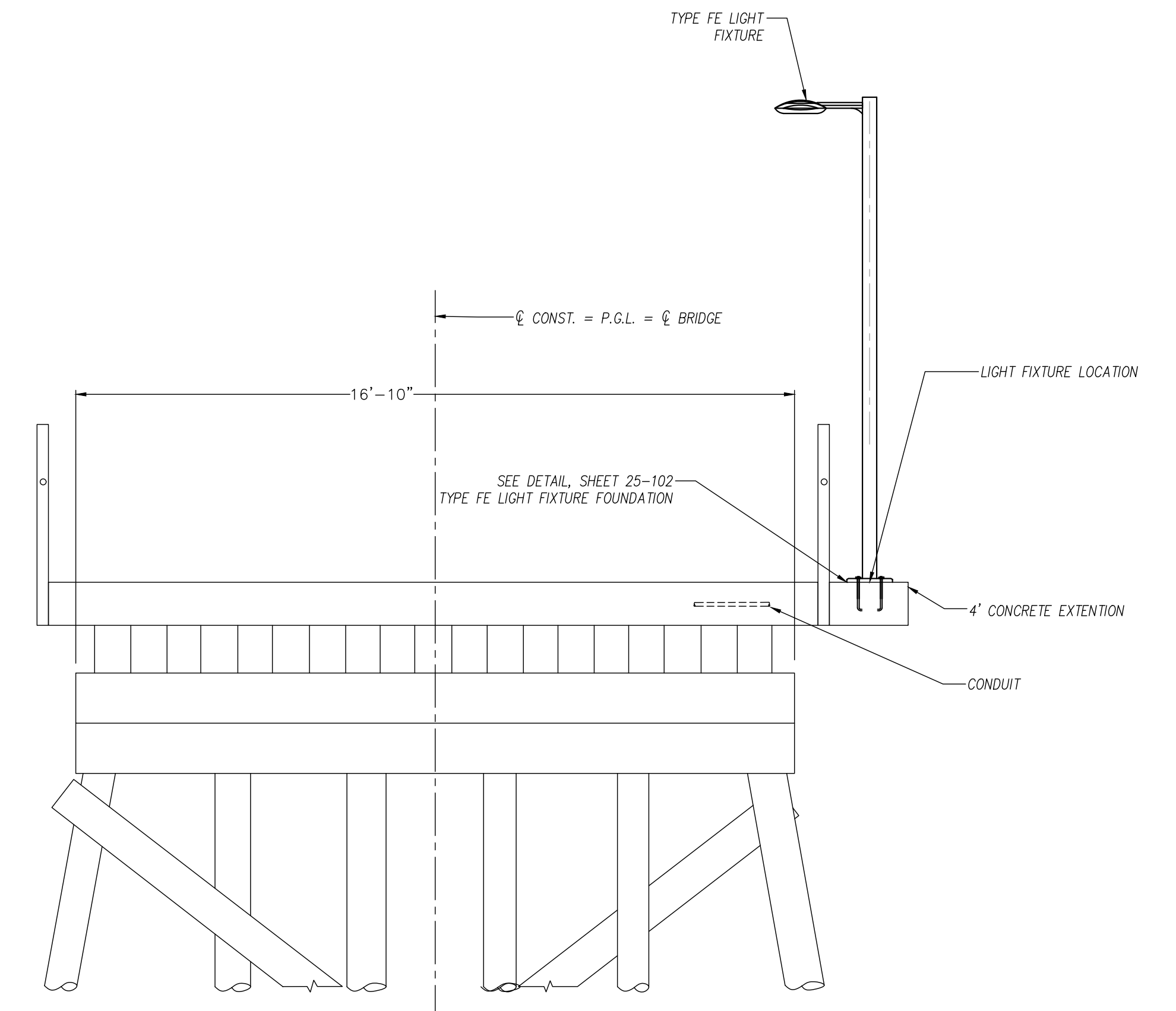
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1312 KILLIAN WAY
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REVISION DATES		ATLANTA BELTLINE NORTHEAST TRAIL LIGHTING DETAILS			
1/3/2022		CHECKED:	DATE:	DRAWING No.	
		BACKCHECKED:	DATE:	25-103	
		CORRECTED:	DATE:		
		VERIFIED:	DATE:		



PROPOSED TYPICAL SECTION
(LOOKING AHEAD)

2 BRIDGE SECTION AT BUFORD HWY
25-104/N.T.S.



TYPICAL SECTION
(LOOKING AHEAD)

1 BRIDGE SECTION AT CLEAR CREEK
25-104/N.T.S.



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REVISION DATES

NO.	DATE	DESCRIPTION

ATLANTA BELTLINE NORTHEAST TRAIL
LIGHTING DETAILS

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

DRAWING No.
25-104

LIGHT FIXTURE SCHEDULE									
FIXTURE TYPE	DESCRIPTION	MANUFACTUER	MODEL NO.	INPUT VOLTAGE	LAMPS			MOUNTING AND/OR MOUNTING HEIGHT	SEE DETAIL
					No.	WATTAGE	TYPE		
FA	CREE POLE LIGHTING LED LUMINAIRE. SLIM,LOW PROFILE DESIGN. LUMINAIRE SIDES ARE RUGGED CAST ALUMINUM WITH INTEGRAL, WEATHER-TIGHT LED DRIVERCOMPARTMENTS AND HIGH PERFORMANCEALUMINUM HEAT SINKS	CREE LIGHTING LITHONIA LIGHTING BEACON OR APPROVED EQUAL	ARE-EDG-2M-DA-06-D-ULBZ-700-DIM-P-ML	277		68	LED	POLE MOUNTED AT 14' HEIGHT, 5" DIA. ROUND POLE WITH HAND HOLE AT THE TOP OF POLE	VIEW 3/DWG #25-101
FB	CREE POLE LIGHTING LED LUMINAIRE. SLIM,LOW PROFILE DESIGN. LUMINAIRE SIDES ARE RUGGED CAST ALUMINUM WITH INTEGRAL, WEATHER-TIGHT LED DRIVERCOMPARTMENTS AND HIGH PERFORMANCEALUMINUM HEAT SINKS	CREE LIGHTING LITHONIA LIGHTING BEACON OR APPROVED EQUAL	ARE-EDG-2M-DA-06-D-ULBZ-700-DIM-P-ML	277		68	LED	MOUNTED UNDER 1-85 BRIDGEE	
FC	TOPTIER LED WALL/CEILING MOUNTED CANAPY LIGHT FIXTURE	COOPER LIGHTING	TT C4 LED E1 WO BZ	277		12	LED	WALL OR CEILING MOUNTED	VIEW 2/DWG #25-101
FE	CREE POLE LIGHTING LED LUMINAIRE. SLIM,LOW PROFILE DESIGN. LUMINAIRE SIDES ARE RUGGED CAST ALUMINUM WITH INTEGRAL, WEATHER-TIGHT LED DRIVERCOMPARTMENTS AND HIGH PERFORMANCEALUMINUM HEAT SINKS	CREE LIGHTING LITHONIA LIGHTING BEACON OR APPROVED EQUAL	ARE-EDG-2M-DA-06-D-ULBZ-700-DIM-P-ML	277		68	LED	MOUNTED ON BRIDGES AT TRAIL OVERPASSES	VIEW 1 AND 2/DWG #25-104
FF	CREE POLE LIGHTING LED LUMINAIRE. SLIM,LOW PROFILE DESIGN. LUMINAIRE SIDES ARE RUGGED CAST ALUMINUM WITH INTEGRAL, WEATHER-TIGHT LED DRIVERCOMPARTMENTS AND HIGH PERFORMANCEALUMINUM HEAT SINKS	CREE LIGHTING LITHONIA LIGHTING BEACON OR APPROVED EQUAL	ARE-EDG-2M-DA-06-D-ULBZ-700-DIM-P-ML	277		68	LED	AT RAMPS - VARIOUS POLE HEIGHTS	
SC	8 MEGAPIXEL MULTISENSORY FIXED CAMERA HAVING FOUR VARIFOCA LENSES, IR AND 369 DEGREE COVERAGE	AXIS	MODEL #3727 PLE 8 MP WITH IoT BASE					POE, MOUNTED IN WEATHER PROOF HOUSING	VIEW 4/#25-101

LIGHTING FIXTURE I.D. AND LOCATION			
TAG	STATION No.	OFFSET	STREET/ROAD/PATH
FA-001	95+70	10'-3" R	Atlanta Beltline NE Trail
FA-002	96+60	10'-3" R	Atlanta Beltline NE Trail
FA-003	97+50	10'-3" R	Atlanta Beltline NE Trail
FA-004	98+40	10'-3" R	Atlanta Beltline NE Trail
FA-005	99+28	10'-3" R	Atlanta Beltline NE Trail
FA-006	100+18	12'-0" R	Atlanta Beltline NE Trail
FC-001	100+33	11'-3" R	Atlanta Beltline NE Trail
FC-002	100+53	10'-6" R	Atlanta Beltline NE Trail
FC-003	100+73	10'-3" R	Atlanta Beltline NE Trail
FC-004	100+93	9'-10" R	Atlanta Beltline NE Trail
FA-007	101+08	9'-0" R	Atlanta Beltline NE Trail
FF-001	101+27	27'-1" R	Atlanta Beltline NE Trail
FF-002	101+63	26'-9" R	Atlanta Beltline NE Trail
FF-003	102+15.5	17'-9" R	Atlanta Beltline NE Trail
FA-008	102+22	10'-3" R	Atlanta Beltline NE Trail
FA-009	102+87	10'-3" R	Atlanta Beltline NE Trail
FA-010	103+77	10'-3" R	Atlanta Beltline NE Trail
FA-011	104+67	10'-3" R	Atlanta Beltline NE Trail
FA-012	105+57	10'-3" R	Atlanta Beltline NE Trail
FA-013	106+47	10'-3" R	Atlanta Beltline NE Trail
FA-014	107+37	10'-3" R	Atlanta Beltline NE Trail
FA-015	108+26	10'-3" R	Atlanta Beltline NE Trail
FA-016	109+17	10'-3" R	Atlanta Beltline NE Trail
FA-017	110+07	10'-3" R	Atlanta Beltline NE Trail
FA-018	110+98.50	10'-3" R	Atlanta Beltline NE Trail
FA-019	111+87	10'-3" R	Atlanta Beltline NE Trail
FA-020	112+55.50	10'-3" R	Atlanta Beltline NE Trail
FE-001	113+09.41	8'-11" R	Atlanta Beltline NE Trail
FE-002	113+64.39	8'-11" R	Atlanta Beltline NE Trail
FE-003	114+19.41	8'-11" R	Atlanta Beltline NE Trail
FA-021	115+05	10'-3" R	Atlanta Beltline NE Trail
FA-022	115+57	10'-3" R	Atlanta Beltline NE Trail
FA-023	116+43	10'-3" L	Atlanta Beltline NE Trail
FA-024	117+33	10'-3" L	Atlanta Beltline NE Trail
FA-025	118+01	10'-3" L	Atlanta Beltline NE Trail
FA-026	118+91	10'-3" L	Atlanta Beltline NE Trail
FA-027	119+82	10'-3" L	Atlanta Beltline NE Trail
FA-028	120+73	10'-3" L	Atlanta Beltline NE Trail
FA-029	121+63	10'-3" L	Atlanta Beltline NE Trail
FA-030	122+51.50	10'-3" L	Atlanta Beltline NE Trail
FA-031	123+41	10'-3" L	Atlanta Beltline NE Trail
FA-032	124+15	10'-3" L	Atlanta Beltline NE Trail
FC-005	124+24	12'-2" R	Atlanta Beltline NE Trail
FC-006	124+44	12'-2" R	Atlanta Beltline NE Trail
FC-007	124+64	12'-2" R	Atlanta Beltline NE Trail
FA-033	125+19	10'-3" L	Atlanta Beltline NE Trail
FA-034	126+09	10'-3" L	Atlanta Beltline NE Trail
FA-035	127+02	10'-3" L	Atlanta Beltline NE Trail
FA-036	127+92	10'-3" L	Atlanta Beltline NE Trail
FA-037	128+82	10'-3" L	Atlanta Beltline NE Trail
FA-038	129+72	10'-3" L	Atlanta Beltline NE Trail
FA-039	130+62	10'-3" L	Atlanta Beltline NE Trail
FA-040	131+52	10'-3" L	Atlanta Beltline NE Trail
FA-041	132+42	10'-3" L	Atlanta Beltline NE Trail
FA-042	133+32	10'-3" L	Atlanta Beltline NE Trail
FA-043	134+22	10'-3" L	Atlanta Beltline NE Trail
FA-044	135+12	10'-3" L	Atlanta Beltline NE Trail
FA-045	136+02	10'-3" L	Atlanta Beltline NE Trail
FA-046	136+92	10'-3" L	Atlanta Beltline NE Trail
FA-047	137+82	10'-3" L	Atlanta Beltline NE Trail
FA-048	138+72	10'-3" L	Atlanta Beltline NE Trail
FA-049	139+62	10'-3" L	Atlanta Beltline NE Trail
FA-050	140+52	10'-3" L	Atlanta Beltline NE Trail
FA-051	141+42	10'-3" L	Atlanta Beltline NE Trail

LIGHTING FIXTURE I.D. AND LOCATION			
TAG	STATION No.	OFFSET	STREET/ROAD/PATH
FA-052	142+42	10'-3" L	Atlanta Beltline NE Trail
FA-053	143+22	10'-3" L	Atlanta Beltline NE Trail
FA-054	144+12	10'-3" L	Atlanta Beltline NE Trail
FA-055	145+02	10'-3" L	Atlanta Beltline NE Trail
FA-056	145+92	10'-3" L	Atlanta Beltline NE Trail
FA-057	146+81	10'-3" L	Atlanta Beltline NE Trail
FA-058	147+71	10'-3" L	Atlanta Beltline NE Trail
FA-059	148+62	10'-3" L	Atlanta Beltline NE Trail
FE-004	149+57	12'-0" L	Atlanta Beltline NE Trail
FE-005	150+42	12'-0" L	Atlanta Beltline NE Trail
FE-006	151+27	12'-0" L	Atlanta Beltline NE Trail
FA-060	152+22	10'-3" R	Atlanta Beltline NE Trail
FA-061	153+12	10'-3" R	Atlanta Beltline NE Trail
FB-001	153+57	10'-3" R	Atlanta Beltline NE Trail
FB-002	154+02	10'-3" R	Atlanta Beltline NE Trail
FB-003	154+47	10'-3" R	Atlanta Beltline NE Trail
FB-004	154+92	10'-3" R	Atlanta Beltline NE Trail
FA-062	155+37	10'-3" R	Atlanta Beltline NE Trail
FA-062	155+82	10'-3" R	Atlanta Beltline NE Trail
FA-063	156+55	10'-3" R	Atlanta Beltline NE Trail

LIGHTING SEQUENCES OF OPERATION:

- 1. TYPE "AFC" SHALL OPERATE AS SINGLE-LEVEL (LA) FIXTURES.
- 2. TYPE "FA", "FB", "FE", AND "FF" SHALL OPERATE AS MULTI-LEVEL (OSLA) FIXTURES WITH TIME DELAY.
- 3. TYPE "FC" SHALL OPERATE AS MULTI-LEVEL (OSLA) FIXTURES WITH TIME DELAY.
- 4. TYPE "FD" SHALL OPERATE AS SINGLE-LEVEL (LA) FIXTURES.

LOW AMBIENT
 WHEN ENVIRONMENT LIGHT LEVELS EXCEEDS 130 LUX (12FC), LUMINAIRE REMAIN OFF. IF ENVIRONMENT LIGHT LEVELS BELOW 80 LUX (7FC), LUMINAIRE WILL TURN ON.

OCCUPANCY SENSING AND LOW AMBIENT (OSLA)
 OCCUPANCY DETECTION (PIR) AND AMBIENT LIGHT SENSING ENABLED. WHEN ENVIRONMENT LIGHT LEVELS EXCEEDS 130 LUX (12FC), LUMINAIRE REMAIN OFF REGARDLESS OF OCCUPANCY. IF ENVIRONMENT LIGHT LEVELS BELOW 80 LUX (7FC), LUMINAIRE WILL REMAIN IN LOW MODE DURING NO OCCUPANCY AND SWITCH TO HIGH MODE AFTER OCCUPANCY IS DETECTED. SENSORS SHALL BE CAPABLE OF DETECTING OCCUPANCY A MINIMUM OF 45' FROM FIXTURE.

TIME DELAY FEATURE SHALL BE ADJUSTABLE FROM 0.5 MIN. TO 30 MIN. ONCE MOTION IS DETECTED, THE LIGHTING LOAD SHALL REMAIN IN THE HIGH MODE UNTIL MOTION IS NO LONGER DETECTED AND THE TIME DELAY CYCLE HAS BEEN COMPLETED.

LOW DIMMING FEATURE SHALL BE ADJUSTABLE FROM AN OFF POSITION TO A MAXIMUM DRIVE CURRENT OF 325mA.

HIGH DIMMING FEATURE SHALL BE ADJUSTABLE FROM 350mA DRIVE CURRENT TO A MAXIMUM DRIVE CURRENT OF 525mA.



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 ENGINEERING CONSULTANTS
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 LILBURN, GEORGIA 30047
 PHONE: 770-806-0143

REVISION DATES			ATLANTA BELTLINE NORTHEAST TRAIL LIGHTING SCHEDULES	
CHECKED:		DATE:		DRAWING No. 25-201
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		

PANEL PSCNE1H

MAINS: 30 MCB		VOLTAGE: 480/277		WIRE: 4		MOUNTING: SURFACE	
BUS: 100 A		PHASE: 3		AIC: 22 kA		ENCLOSURE: NEMA 1	

CKT #	TRIP POLE	LOAD TYPE	DESCRIPTION	CONNECTED LOAD KVA				DESCRIPTION	LOAD TYPE	TRIP POLE	CKT #	
				KVA	PH A	PH B	PH C					
1	20/1	A	TRAIL LIGHTING	0.8	1.7			0.8	TRAIL LIGHTING	A	20/1	2
3	20/1	A	TRAIL LIGHTING	0.8		1.8		1.0	TRAIL LIGHTING	A	20/1	4
5	20/1	A	PIEDMONT AVE U.PATH LGTS	0.2			0.6	0.4	PHOTOCELL	A	20/1	6
7	20/1	A	PIEDMONT AVE HANDRAIL LGTS	0.5	1.8			1.3	TO XFMR FEEDING PNL PSCNE1H	G	20	8
9	20/1		SPARE			0.7				G	2	10
11	20/1		SPARE							G	20/1	12

Load Type	Description	Conn. KVA	Demand KVA	2011 NEC Reference
A	Lighting	4.5	5.6	Per NEC Table 220.42
B	Receptacles			Per NEC Table 220.44
C	Air-Conditioning			Per NEC Article 440.4
D	Heating (Fixed)			Per NEC Article 220.51

Phase A Connected Load	3.4			
Phase B Connected Load	2.5	TOTAL CONNECTED LOAD:	6.5 KVA	7.8 AMPS
Phase C Connected Load	0.6	TOTAL DEMAND LOAD:	7.6 KVA	9.1 AMPS

LOCATION: PSCNE1
FEED FROM: BOTTOM
FEEDER SIZE: SEE POWER DIAGRAM

NOTES:
① ALL BREAKERS SHALL BE BOLT-ON TYPE.

PSCNE1L

MAINS: MCB		VOLTAGE: 240/120		WIRE: 3		MOUNTING: SURFACE	
BUS: A		PHASE: 1		AIC: 42 kA		ENCLOSURE: NEMA	

CKT #	TRIP POLE	LOAD TYPE	DESCRIPTION	CONNECTED LOAD KVA				DESCRIPTION	LOAD TYPE	TRIP POLE	CKT #	
				KVA	PH A	PH B	PH C					
1	20	G	SECURITY CAMERA	0.1	0.2			0.1	SECURITY CAMERA	G	20	2
3	20	G	SCNE-2	0.1		0.2		0.1	SCNE-3	G	20	4
5	20	G	SECURITY CAMERA	0.1	0.5			0.4	PHOTOCELL	A	20/1	6
7	20	G	SCNE-1	0.1		0.1			SPARE	A	20/1	8
9	15/1	A	CABINET LIGHT	0.6	0.6				SPARE		20/1	10
11	20/1	B	CABINET GFI RECEPTACLE	0.4			0.4		SPARE		20/1	12

Load Type	Description	Conn. KVA	Demand KVA	2011 NEC Reference
A	Lighting	1.0	1.2	Per NEC Table 220.42
B	Receptacles	0.4	0.4	Per NEC Table 220.44
C	Air-Conditioning			Per NEC Article 440.4
D	Heating (Fixed)			Per NEC Article 220.51

Phase A Connected Load	1.3	TOTAL CONNECTED LOAD:	2.0 KVA	
Phase B Connected Load	0.7	TOTAL DEMAND LOAD:	2.3 KVA	

LOCATION: CORRIDOR
FEED FROM: TOP
FEEDER SIZE: SEE POWER DIAGRAM

NOTES:
① ALL BREAKERS SHALL BE BOLT-ON TYPE.
② PROVIDE HACR TYPE CIRCUIT BREAKER FOR MECHANICAL EQUIPMENT.
③ PROVIDE 100% MAIN CIRCUIT BREAKER.
④ PROVIDE FEED THRU LUGS.
⑤ LOCKABLE BREAKER LOCKED IN THE "ON" POSITION

①

PANEL PSCNE2H

MAINS: 30 MCB		VOLTAGE: 480/277		WIRE: 4		MOUNTING: SURFACE	
BUS: 100 A		PHASE: 3		AIC: 22 kA		ENCLOSURE: NEMA 1	

CKT #	TRIP POLE	LOAD TYPE	DESCRIPTION	CONNECTED LOAD KVA				DESCRIPTION	LOAD TYPE	TRIP POLE	CKT #	
				KVA	PH A	PH B	PH C					
1	20/1	A	TRAIL LIGHTING	0.8	1.7			0.8	TRAIL LIGHTING	A	20/1	2
3	20/1	A	TRAIL LIGHTING	0.8		1.8		1.0	TRAIL LIGHTING	A	20/1	4
5	20/1	A	PIEDMONT AVE U.PATH LGTS	0.2			0.6	0.4	PHOTOCELL	A	20/1	6
7	20/1	A	PIEDMONT AVE HANDRAIL LGTS	0.5	1.6			1.2	TO XFMR FEEDING PNL PSCNE2L	G	20	8
9	20/1		SPARE			0.7				G	2	10
11	20/1		SPARE							G	20/1	12

Load Type	Description	Conn. KVA	Demand KVA	2011 NEC Reference
A	Lighting	4.5	5.6	Per NEC Table 220.42
B	Receptacles			Per NEC Table 220.44
C	Air-Conditioning			Per NEC Article 440.4
D	Heating (Fixed)			Per NEC Article 220.51

Phase A Connected Load	3.3			
Phase B Connected Load	2.5	TOTAL CONNECTED LOAD:	6.4 KVA	7.6 AMPS
Phase C Connected Load	0.6	TOTAL DEMAND LOAD:	7.5 KVA	9.0 AMPS

LOCATION: PSCNE1
FEED FROM: BOTTOM
FEEDER SIZE: SEE POWER DIAGRAM

NOTES:
① ALL BREAKERS SHALL BE BOLT-ON TYPE.

①

PSCNE2L

MAINS: MCB		VOLTAGE: 240/120		WIRE: 3		MOUNTING: SURFACE	
BUS: A		PHASE: 1		AIC: 42 kA		ENCLOSURE: NEMA	

CKT #	TRIP POLE	LOAD TYPE	DESCRIPTION	CONNECTED LOAD KVA				DESCRIPTION	LOAD TYPE	TRIP POLE	CKT #	
				KVA	PH A	PH B	PH C					
1	20	G	SECURITY CAMERA	0.1	0.2			0.1	SECURITY CAMERA	G	20	2
3	20	G	SCNE-4	0.1		0.2		0.1	SCNE-6	G	20	4
5	20	G	SECURITY CAMERA	0.1	0.3			0.2	PHOTOCELL	G	20/1	6
7	20	G	SCNE-5	0.1		0.1			SPARE	A	20/1	8
9	15/1	A	CABINET LIGHT	0.6	0.6				SPARE		20/1	10
11	20/1	B	CABINET GFI RECEPTACLE	0.4			0.4		SPARE		20/1	12

Load Type	Description	Conn. KVA	Demand KVA	2011 NEC Reference
A	Lighting	0.6	0.8	Per NEC Table 220.42
B	Receptacles	0.4	0.4	Per NEC Table 220.44
C	Air-Conditioning			Per NEC Article 440.4
D	Heating (Fixed)			Per NEC Article 220.51

Phase A Connected Load	1.2	TOTAL CONNECTED LOAD:	1.9 KVA	
Phase B Connected Load	0.7	TOTAL DEMAND LOAD:	2.1 KVA	

LOCATION: CORRIDOR
FEED FROM: TOP
FEEDER SIZE: SEE POWER DIAGRAM

NOTES:
① ALL BREAKERS SHALL BE BOLT-ON TYPE.
② PROVIDE HACR TYPE CIRCUIT BREAKER FOR MECHANICAL EQUIPMENT.
③ PROVIDE 100% MAIN CIRCUIT BREAKER.
④ PROVIDE FEED THRU LUGS.
⑤ LOCKABLE BREAKER LOCKED IN THE "ON" POSITION

PANEL PSCNE3H

MAINS: 30 MCB		VOLTAGE: 480/277		WIRE: 4		MOUNTING: SURFACE	
BUS: 100 A		PHASE: 3		AIC: 22 kA		ENCLOSURE: NEMA 1	

CKT #	TRIP POLE	LOAD TYPE	DESCRIPTION	CONNECTED LOAD KVA				DESCRIPTION	LOAD TYPE	TRIP POLE	CKT #	
				KVA	PH A	PH B	PH C					
1	20/1	A	TRAIL LIGHTING	0.8	1.7			0.8	TRAIL LIGHTING	A	20/1	2
3	20/1	A	TRAIL LIGHTING	0.8		1.8		1.0	TRAIL LIGHTING	A	20/1	4
5	20/1	A	PIEDMONT AVE U.PATH LGTS	0.2			0.6	0.4	PHOTOCELL	A	20/1	6
7	20/1	A	PIEDMONT AVE HANDRAIL LGTS	0.5	1.6			1.2	TO XFMR FEEDING PNL PSCNE3L	G	20	8
9	20/1		SPARE			0.7				G	2	10
11	20/1		SPARE							G	20/1	12

Load Type	Description	Conn. KVA	Demand KVA	2011 NEC Reference
A	Lighting	4.5	5.6	Per NEC Table 220.42
B	Receptacles			Per NEC Table 220.44
C	Air-Conditioning			Per NEC Article 440.4
D	Heating (Fixed)			Per NEC Article 220.51

Phase A Connected Load	3.3			
Phase B Connected Load	2.5	TOTAL CONNECTED LOAD:	6.4 KVA	7.6 AMPS
Phase C Connected Load	0.6	TOTAL DEMAND LOAD:	7.5 KVA	9.0 AMPS

LOCATION: PSCNE1
FEED FROM: BOTTOM
FEEDER SIZE: SEE POWER DIAGRAM

NOTES:
① ALL BREAKERS SHALL BE BOLT-ON TYPE.

PSCNE3L

MAINS: MCB		VOLTAGE: 240/120		WIRE: 3		MOUNTING: SURFACE	
BUS: A		PHASE: 1		AIC: 42 kA		ENCLOSURE: NEMA	

CKT #	TRIP POLE	LOAD TYPE	DESCRIPTION	CONNECTED LOAD KVA				DESCRIPTION	LOAD TYPE	TRIP POLE	CKT #	
				KVA	PH A	PH B	PH C					
1	20	G	SECURITY CAMERA	0.1	0.2			0.1	SECURITY CAMERA	G	20	2
3	20	G	SCNE-8	0.1		0.2		0.1	SCNE-9	G	20	4
5	20	G	SECURITY CAMERA	0.1	0.3			0.2	PHOTOCELL	G	20/1	6
7	20	G	SCNE-7	0.1		0.1			SPARE	A	20/1	8
9	15/1	A	CABINET LIGHT	0.6	0.6				SPARE		20/1	10
11	20/1	B	CABINET GFI RECEPTACLE	0.4			0.4		SPARE		20/1	12

Load Type	Description	Conn. KVA	Demand KVA	2011 NEC Reference
A	Lighting	0.6	0.8	Per NEC Table 220.42
B	Receptacles	0.4	0.4	Per NEC Table 220.44
C	Air-Conditioning			Per NEC Article 440.4
D	Heating (Fixed)			Per NEC Article 220.51

Phase A Connected Load	1.2	TOTAL CONNECTED LOAD:	1.8 KVA	
Phase B Connected Load	0.7	TOTAL DEMAND LOAD:	1.9 KVA	

LOCATION: CORRIDOR
FEED FROM: TOP
FEEDER SIZE: SEE POWER DIAGRAM

NOTES:
① ALL BREAKERS SHALL BE BOLT-ON TYPE.
② PROVIDE HACR TYPE CIRCUIT BREAKER FOR MECHANICAL EQUIPMENT.
③ PROVIDE 100% MAIN CIRCUIT BREAKER.
④ PROVIDE FEED THRU LUGS.
⑤ LOCKABLE BREAKER LOCKED IN THE "ON" POSITION

KEY NOTES:

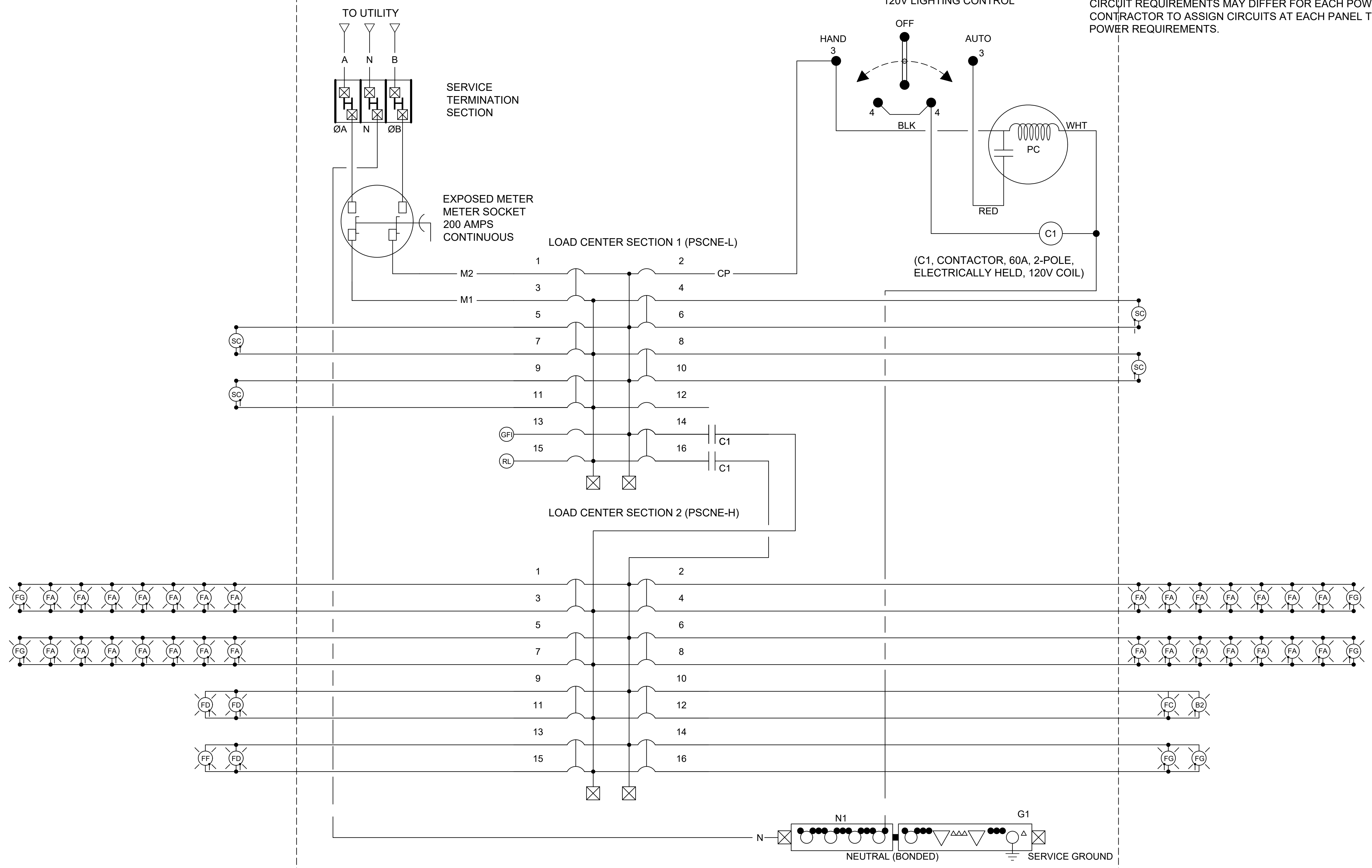
- ① EXISTING POWER PANELS INSTALLED UNDER PHASE 1. CONNECT INDICATED NEW CIRCUITS TO THESE PANELS.



REVISION DATES		ATLANTA BELTLINE NORTHEAST TRAIL PANELBOARD SCHEDULES	
		CHECKED:	DATE:
		BACKCHECKED:	DATE:
		CORRECTED:	DATE:
		VERIFIED:	DATE:
		DRAWING No. 25-202	

24" COMMERCIAL PEDESTAL (120/240V, 1-PHASE, 3-WIRE, 100A MAX., NEMA 3R, WITH 120V LIGHTING CONTROL PHOTOCELL)

NOTE: CIRCUIT REQUIREMENTS MAY DIFFER FOR EACH POWER SUPPLY PANEL. CONTRACTOR TO ASSIGN CIRCUITS AT EACH PANEL TO MEET POWER REQUIREMENTS.



1 LIGHTING WIRING DIAGRAM TYPICAL
25-301 N.T.S.

KEY NOTES:

1 SURGE PROTECTION DEVICE SHALL BE RATED 277/480 3Ø WYE, WITH A MAXIMUM SURGE CURRENT OF 80KA PER PHASE, NEMA 3R.



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LILBURN, GEORGIA 30047
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REVISION DATES

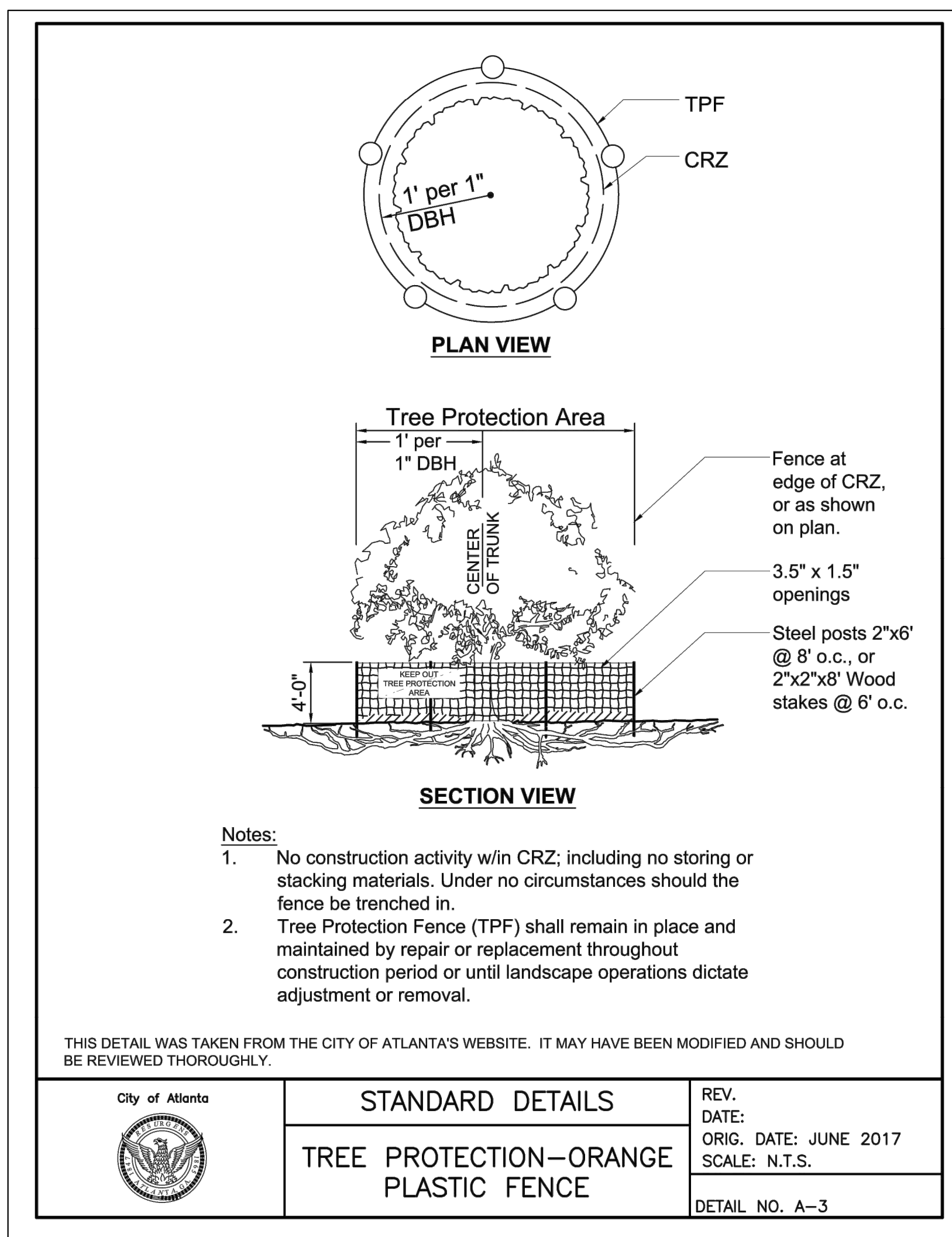
1/3/2022		

ATLANTA BELTLINE NORTHEAST TRAIL
WIRING DIAGRAMS

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

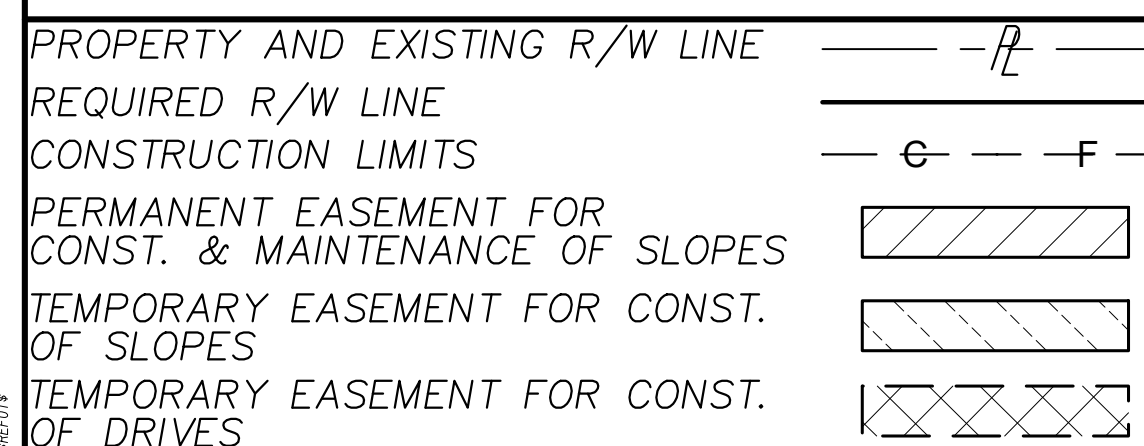
DRAWING No.
25-301

NOTE: NO HEAVY EQUIPMENT SHALL BE USED OUTSIDE OF THE ORANGE BARRIER FENCING SHOWN ON THE PLANS. ALL WORK OUTSIDE OF THE ORANGE BARRIER FENCING BUT WITHIN THE PROPERTY LINE SHALL BE COMPLETED WITH THE USE OF HAND TOOLS.



REVISION

REVISION



Atlanta BeltLine

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THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

REVISION DATES	

TREE PROTECTION PLANS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 29-000
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

COA PUBLIC PROPERTY TREE DATA TABLE

Table with 6 columns: TREE #, DBH, SPECIES, IMPACT %, STATUS, Rcmp.DBH. Contains 86 rows of tree data.

COA PUBLIC PROPERTY TREE DATA TABLE

Table with 6 columns: TREE #, DBH, SPECIES, IMPACT %, STATUS, Rcmp.DBH. Contains 122 rows of tree data.

COA PUBLIC PROPERTY TREE DATA TABLE

Table with 6 columns: TREE #, DBH, SPECIES, IMPACT %, STATUS, Rcmp.DBH. Contains 275 rows of tree data.

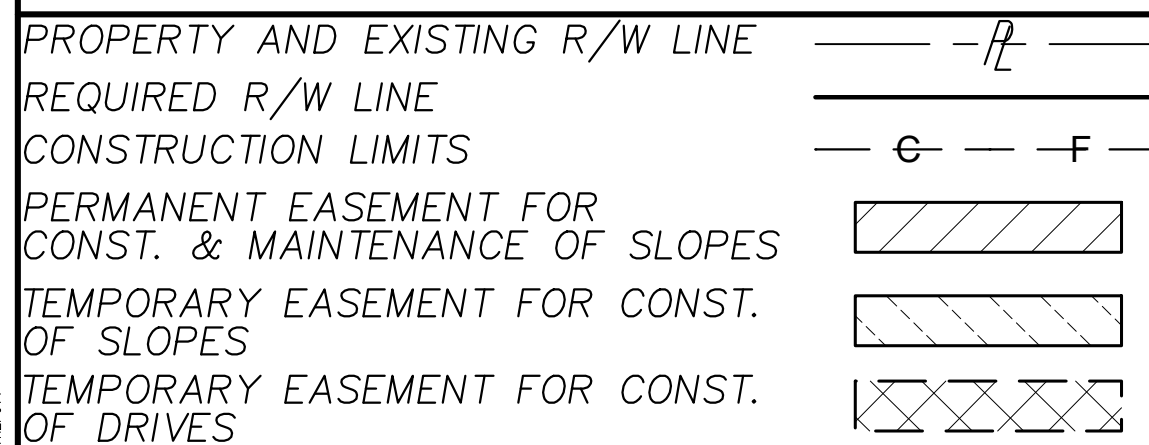
COA PUBLIC PROPERTY TREE DATA TABLE

Table with 6 columns: TREE #, DBH, SPECIES, IMPACT %, STATUS, Rcmp.DBH. Contains 362 rows of tree data.

COA PUBLIC PROPERTY TREE DATA TABLE

Table with 6 columns: TREE #, DBH, SPECIES, IMPACT %, STATUS, Rcmp.DBH. Contains 451 rows of tree data.

Vertical text on the left side of the page, possibly a project name or reference.



Logos for Atlanta BeltLine and Kimley-Horn. Includes contact information for Atlanta BeltLine, Inc. and Kimley-Horn and Associates, Inc.

Table with 2 columns: REVISION, DATES. Contains a header row and several empty rows for recording revisions.

TREE PROTECTION PLANS ATLANTA BELTLINE NORTHEAST TRAIL COA PUBLIC PROPERTY RECOMPENSE

Table with 4 columns: CHECKED, CORRECTED, VERIFIED, DATE. Includes a drawing number field with the value 29-000A.

COA PUBLIC PROPERTY TREE DATA TABLE. Table with columns: TREE #, DBH, SPECIES, IMPACT %, STATUS, Rcmp.DBH. Lists tree inventory data for various species like Mimosa, Boxelder, Elm, etc.

COA PUBLIC PROPERTY TREE DATA TABLE. Table with columns: TREE #, DBH, SPECIES, IMPACT %, STATUS, Rcmp.DBH. Lists tree inventory data for various species like Boxelder, Silver Maple, White Mulberry, etc.

COA PUBLIC PROPERTY TREE DATA TABLE. Table with columns: TREE #, DBH, SPECIES, IMPACT %, STATUS, Rcmp.DBH. Lists tree inventory data for various species like Cherry Laurel, Elm, Cottonwood, etc.

COA PUBLIC PROPERTY TREE DATA TABLE. Table with columns: TREE #, DBH, SPECIES, IMPACT %, STATUS, Rcmp.DBH. Lists tree inventory data for various species like White Mulberry, Water Oak, Silver Maple, etc.

SUBTOTALS

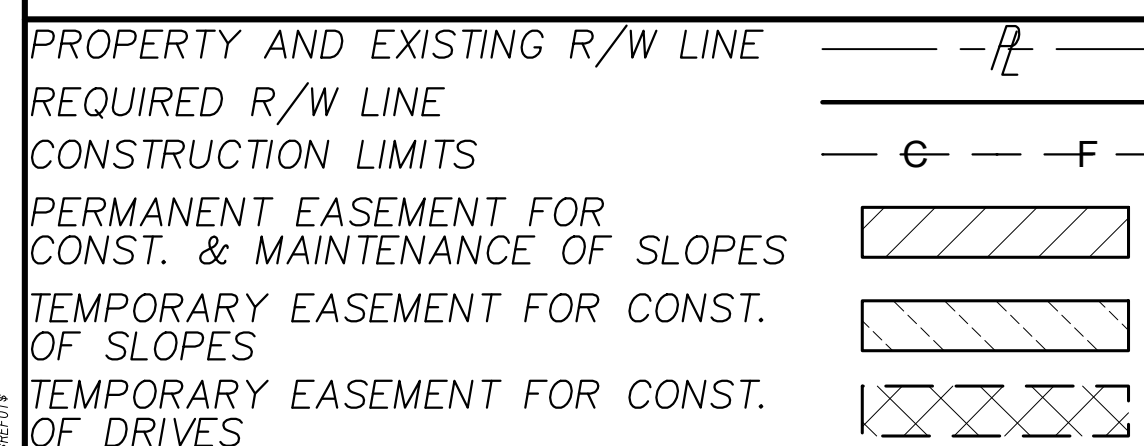
Summary table for Subtotals: TREE # 137, DBH, SPECIES, IMPACT %, STATUS, Rcmp. DBH 1496.

(For viable trees requiring recompense)

NOTES:

- 1. Saved / P = Saved, prescription req'd (20-33% impact)
2. Saved: Less than 20% impact to CRZ + no SRP impact
3. Rcmp DBH = Recompense DBH
4. DDH: Dead, Dying, Hazardous Trees Certified by COA
5. Destroy: = Destroyed, Recompense req'd (over 33% impact)
6. Destroyed = Removed prior to permit
7. Reference the DDH permit # below the table
* DDH Permit Parks Paul Lewkowicz 5/6/2021

RIGHT-OF-WAY REPLACEMENT TABULATION. Summary table showing: TOTAL INCHES REMOVED = 1496", TOTAL INCHES REPLACED = 2311", RIGHT-OF-WAY INCH PER INCH REPLACEMENT 2311" = SURPLUS OF 815"



Atlanta BeltLine logo and Kimley-Horn logo. Text: ATLANTA BELTLINE, INC. 100 PEACHTREE STREET, NW SUITE 2300 ATLANTA, GA 30303 TEL: (404) 477-3003 FAX: (404) 477-3606. KIMLEY-HORN AND ASSOCIATES, INC. THE BILTMORE, SUITE 601 817 WEST PEACHTREE STREET, NW ATLANTA, GEORGIA 30308 TEL: (404) 419-8700

REVISION DATES table. TREE PROTECTION PLANS ATLANTA BELTLINE NORTHEAST TRAIL COA PUBLIC PROPERTY RECOMPENSE. CHECKED, BACKCHECKED, CORRECTED, VERIFIED, DATE, DRAWING No. 29-000B.

RECOMPENSE CALCULATIONS
 $R = \$100 (Nrem - Nrep) + \$30 (TDBHrem - TCrep)$
 Nrem = 14
 Nrep = 0
 TDBHrem = 250"
 TCrep = 0"
 $R = \$100 (14-0) + \$30 (250-0) = \$8,900$
RECOMPENSE REQUIRED

COA PRIVATE PROPERTY IMPACTED TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
226	16	WHITE MULBERRY	100	DDH*	
227	18	WHITE MULBERRY	100	DDH*	
239	38	RIVER BIRCH	100	DDH*	
240	22	RIVER BIRCH	100	DESTROY	22
242	56	RIVER BIRCH	100	DESTROY	56
243	50	BOXELDER	100	DDH*	
245	14	SCARLET OAK	100	DESTROY	14
261	12	SCARLET OAK	100	DESTROY	12
262	11	SCARLET OAK	100	DESTROY	11
263	12	SCARLET OAK	100	DESTROY	12
264	13	SCARLET OAK	41	DESTROY	13
265	13	SCARLET OAK	43	DESTROY	13
266	14	SCARLET OAK	100	DESTROY	14
267	14	SCARLET OAK	100	DESTROY	14
268	13	SCARLET OAK	100	DESTROY	13
269	15	SCARLET OAK	100	DESTROY	15
786	13	WATER OAK	2	SAVE	
787	8	WILLOW OAK	11	SAVE	
788	11	SWEETGUM	2	SAVE	
789	22	LOBLOLLY PINE	25	DESTROY	22
790	19	SWEETGUM	2	SAVE	
791	19	LOBLOLLY PINE	32	DESTROY	19
794	13	LOBLOLLY PINE	24	DDH*	
796	18	LOBLOLLY PINE	4	SAVE	
TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
SUBTOTALS	14				250

(For viable trees requiring recompense)

NOTES:

1. Saved / P = Saved, prescription req'd (20-33% impact)
 2. Saved: Less than 20% impact to CRZ + no SRP impact
 3. Rcmp DBH = Recompense DBH
 4. DDH: Dead, Dying, Hazardous Trees Certified by COA (cite DDH permit # at bottom of this table)
 5. Destroy: = Destroyed, Recompense req'd (over 33% impact)
 6. Destroyed = Removed prior to permit
 7. Reference the DDH permit # below the table
- * DDH Permit No. BA-

NOTE TO ARBORIST:
 TREES LOCATED ON PROPERTIES THAT HAVE PERMANENT OR TEMPORARY EASEMENTS DO NOT INCLUDE BOUNDARY TREE AGREEMENTS. THE LEGALIZATION OF THE EASEMENT WITH EACH INDIVIDUAL PROPERTY OWNER ACKNOWLEDGES THE IMPACT TO THE PROPERTY AND THE FINANCIAL COMPENSATION FOR DESTRUCTION OF PROPERTY AND CONSTRUCTION ACTIVITIES TO TAKE PLACE.

WEST OF
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 WEST OF

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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 THE BILTMORE, SUITE 601
 817 WEST PEACHTREE STREET, NW
 ATLANTA, GEORGIA 30308
 TEL: (404) 419-8700

REVISION DATES		TREE PROTECTION PLANS	
		ATLANTA BELTLINE NORTHEAST TRAIL	
		COA PRIVATE PROPERTY RECOMPENSE	
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.		29-000C	

GDOT TREE REPLACEMENT REQUIREMENTS

8.5 - REPLACEMENT PLANTING REQUIREMENTS FOR MITIGATION

When landscape enhancement replacement plants are required:

1. Provide a landscape design proposal plan for replacement plants at a ratio of one-half (1/2) of the total caliper inches of trees removed and one-fourth (1/4) of the total square feet of existing native understory vegetation removed.
2. Thirty percent (30%) of the replacement shrubs and seventy-five percent (75%) of replacement trees shall be native species or cultivars of native species.
3. Seventy-five percent (75%) of all proposed trees shall be large-canopy, hardwood shade trees.
4. Grass all disturbed ground areas not planted in trees and shrubs according to GDOT Specifications.

If the Department determines that landscape mitigation cannot be reasonably accommodated, then the remainder of the mitigation shall be fees according to Section 16-2 - Excess Clearing Fees.

16.2 - EXCESS CLEARING FEES

A Contributory Value fee is assessed to compensate for any remaining replacement plants to complete the mitigation for additional grading or clearing activities beyond what is necessary for driveway access construction where the Department determines that the required landscape replacement plants cannot reasonably be installed to compensate for the total amount of lost vegetation. The corresponding Contributory Value fees in this case can be calculated by multiplying the remaining caliper inches that cannot be replaced on the site by seven dollars (\$7.00). See Sections 3-1 - Plan Requirements and 8.4 - Necessity to Prove a Benefit to the Department for Excess Grading.

8.4 - NECESSITY TO PROVE A BENEFIT TO THE DEPARTMENT FOR EXCESS GRADING

Grading activity or vegetation removal on the rights of way, not directly related to commercial driveway access construction or for a Special Encroachment Permit, must demonstrate a substantial benefit to the Department. Provide a base map as outlined in the Plan Requirements section. When "vegetation control", "grading with tree removal", "driveway clearing", "landscape clearing", "landscape clean-up", "vegetation management", "tree trimming", or "vegetation removal" requests are made for work to be done on the rights of way, the following additional items must be included in the proposal:

1. Existing and proposed grading contours
2. The construction grading boundary reasonably required to create a new driveway access.
3. The boundary of the additional excess grading.
4. The beginning and ending points at the edge of the road that mark the boundaries of proposed tree removal for the new driveway access point. Measure the number of feet between these two points.
5. A tree inventory. When proposing tree removal beyond what is required for driveway construction, provide an inventory of the trees that are to be removed that are four (4) inches or greater, measured at diameter at breast height (dbh), which is 4 1/2 feet above ground. Provide a total of the caliper inches of those trees.

During review, if a substantial safety or maintenance benefit to the Department is verified for additional vegetation removal as a result of additional grading or clearing activities beyond what is necessary for driveway access construction, or as the result of grading for approved Special Encroachment Permits, the applicant must provide landscape enhancement, site restoration, and replacement plants as mitigation for any lost vegetation.

GDOT TREE REPLACEMENT CALCULATIONS

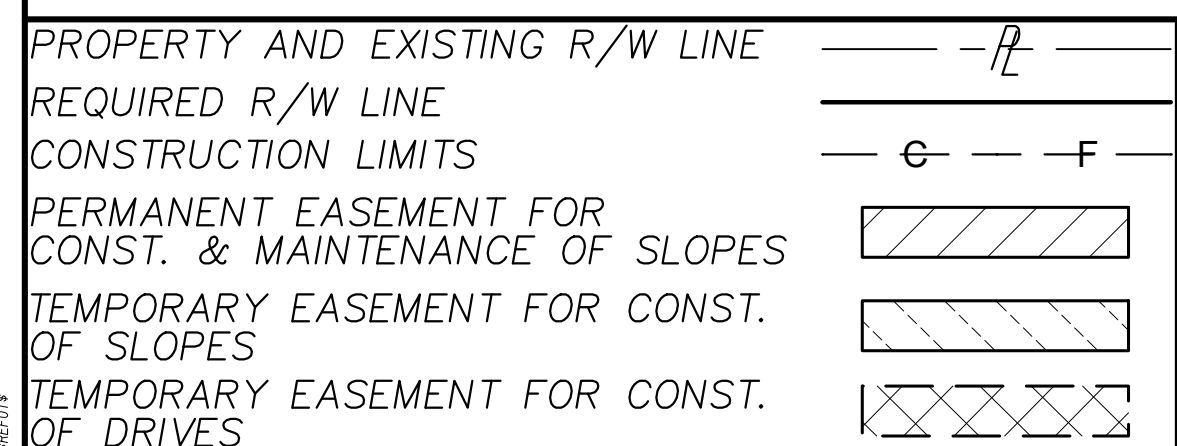
OF INCHES REMOVED FROM GDOT LAND: 137
 # OF INCHES REMOVED X 1/2 = TOTAL # OF INCHES TO BE REPLACED: 137X 1/2 = 68.5
 # OF INCHES REPLACED ON GDOT LAND: 0
 DEFICIT OF 68.5 INCHES
 # OF INCHES X \$7 = 68.5 x \$7 = \$479.50 TOTAL MITIGATION FEE

GDOT TREE DATA TABLE

TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH	
482	29	Water Oak	100	DESTROY	29	
483	19	Cottonwood	39.4	DESTROY	19	
484	7	Overcup Oak	100	DESTROY	7	
485	6	Willow Oak	100	DESTROY	6	
486	20,15	Cottonwood	21.6	DESTROY	35	
487	5	Willow Oak	100	DESTROY	5	
488	6	Willow Oak	100	DESTROY	6	
489	26	Water Oak	100	DESTROY	26	
490	2	Redbud	0	SAVE		
491	2	Redbud	0	SAVE		
492	4	Willow Oak	100	DESTROY	4	
493	5	Willow Oak	0	SAVE		
494	7	Chinese Elm	0	SAVE		
495	2	Redbud	0	SAVE		
496	4	Redbud	0	SAVE		
497	5	Redbud	0	SAVE		
498	8	Chinese Elm	2.4	SAVE		
499	8	Overcup Oak	0	SAVE		
500	7	Overcup Oak	0	SAVE		
SUBTOTALS	TREE #	DBH	SPECIES	IMPACT %	STATUS	Rcmp.DBH
	9					137

(For viable trees requiring recompense)

REVISION DATES
 CHECKED: _____ DATE: _____
 BACKCHECKED: _____ DATE: _____
 CORRECTED: _____ DATE: _____
 VERIFIED: _____ DATE: _____

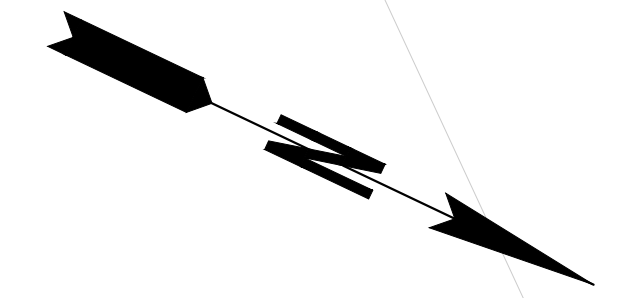


Atlanta BeltLine
 ATLANTA BELTLINE, INC.
 100 PEACHTREE STREET, NW
 SUITE 2300
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 FAX: (404) 477-3606

Kimley-Horn
 KIMLEY-HORN AND ASSOCIATES, INC.
 THE BILTMORE, SUITE 601
 817 WEST PEACHTREE STREET, NW
 ATLANTA, GEORGIA 30308
 TEL: (404) 419-8700

TREE PROTECTION PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL
 GDOT RECOMPENSE

REVISION DATES		CHECKED: _____	DATE: _____	DRAWING No. 29-000D
		BACKCHECKED: _____	DATE: _____	
		CORRECTED: _____	DATE: _____	
		VERIFIED: _____	DATE: _____	



N/F
CITY OF ATLANTA
TAX ID# 17 0055LL0140
DB 19, PG 730
NO TITLE REPORT

N/F
SHURGARD EVERGREEN LIMITED
PARTNERSHIP
TAX ID# 17 005500020568
DB 13691, PG 102
NO TITLE REPORT
268 WESTWINSTER DRIVE NE

N/F
JAMES B. CUMMING
1475 PIEDMONT AVENUE NE

30' RIGHT OF WAY EASEMENT
GEORGIA POWER COMPANY
DB 3872, PG 469

8" SOLID
WHITE (TYP.)

GDOT TP. A RAMP
ORANGE BARRIER
FENCE (TYP.)
LIMITS OF WORK (TYP.)
LIMITS OF DISTURBANCE (TYP.)
COA TREE PROTECTION FENCING (TYP.)

INSTALL ADA DETECTABLE
WARNING STRIP
INSTALL TRASH RECEPTACLE
SEE 38-SERIES SHEETS
FOR DETAILS

24" SOLID WHITE
(TYP.)

N/F
CITY OF ATLANTA
ID# 17 0055LL0124
GPC ID# 061
DB 17688, PG 87
DB 17688, PG 90
DB 17688, PG 93

N/F
CITY OF ATLANTA
TAX ID# 17 0055LL0124
GPC ID# 061
DB 17688, PG 87
DB 17688, PG 90
DB 17688, PG 93

40' RIGHT OF WAY EASEMENT
GEORGIA POWER COMPANY
DB 354, PG 69

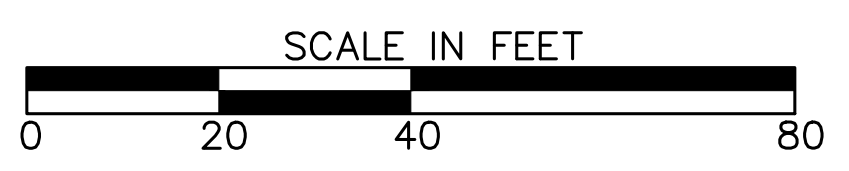
NOTE TO CONTRACTOR: TREES IDENTIFIED FOR REMOVAL BETWEEN THE LIMITS OF DISTURBANCE AND LIMITS OF WORK SHALL BE DONE BY HAND TOOLS ONLY, HEAVY EQUIPMENT IS NOT PERMITTED PAST THE LIMITS OF DISTURBANCE.

LEGEND	
— TPF —	COA TREE PROTECTION FENCING
- - - LOD - - -	LIMITS OF DISTURBANCE
- - - - -	LIMITS OF WORK
- - - - -	COA SETBACKS
—●—●—	ORANGE BARRIER FENCING
○ 100	TREE TO BE SAVED
⊗ 100	TREE TO BE DESTROYED

PROPERTY AND EXISTING R/W LINE	— — — — —
REQUIRED R/W LINE	— — — — —
CONSTRUCTION LIMITS	— — — — —
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	▨
TEMPORARY EASEMENT FOR CONST. OF SLOPES	▨
TEMPORARY EASEMENT FOR CONST. OF DRIVES	▨

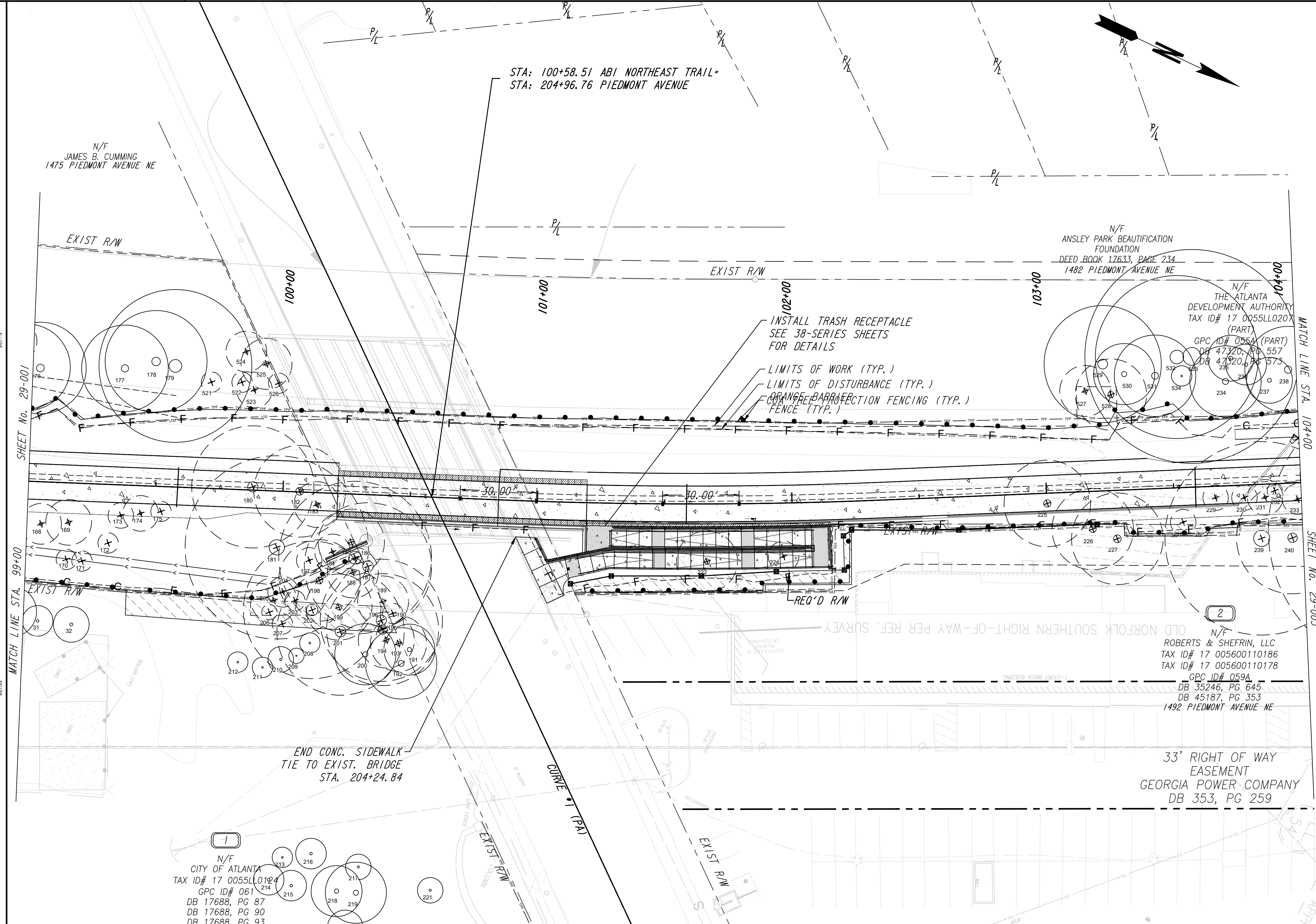
Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
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ATLANTA, GEORGIA 30308
TEL: (404) 419-8700



REVISION DATES	

TREE PROTECTION PLANS ATLANTA BELTLINE NORTHEAST TRAIL			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	29-001	
CORRECTED:	DATE:		
VERIFIED:	DATE:		



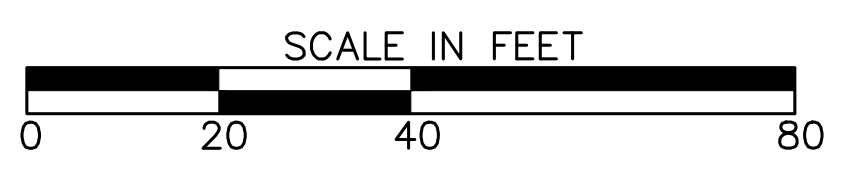
NOTE TO CONTRACTOR: TREES IDENTIFIED FOR REMOVAL BETWEEN THE LIMITS OF DISTURBANCE AND LIMITS OF WORK SHALL BE DONE BY HAND TOOLS ONLY, HEAVY EQUIPMENT IS NOT PERMITTED PAST THE LIMITS OF DISTURBANCE.

LEGEND	
--- TPF ---	COA TREE PROTECTION FENCING
--- LOD ---	LIMITS OF DISTURBANCE
---	LIMITS OF WORK
---	COA SETBACKS
---●---	ORANGE BARRIER FENCING
○	TREE TO BE SAVED
⊗	TREE TO BE DESTROYED

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	--- F ---
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	▨
TEMPORARY EASEMENT FOR CONST. OF SLOPES	▩
TEMPORARY EASEMENT FOR CONST. OF DRIVES	▧

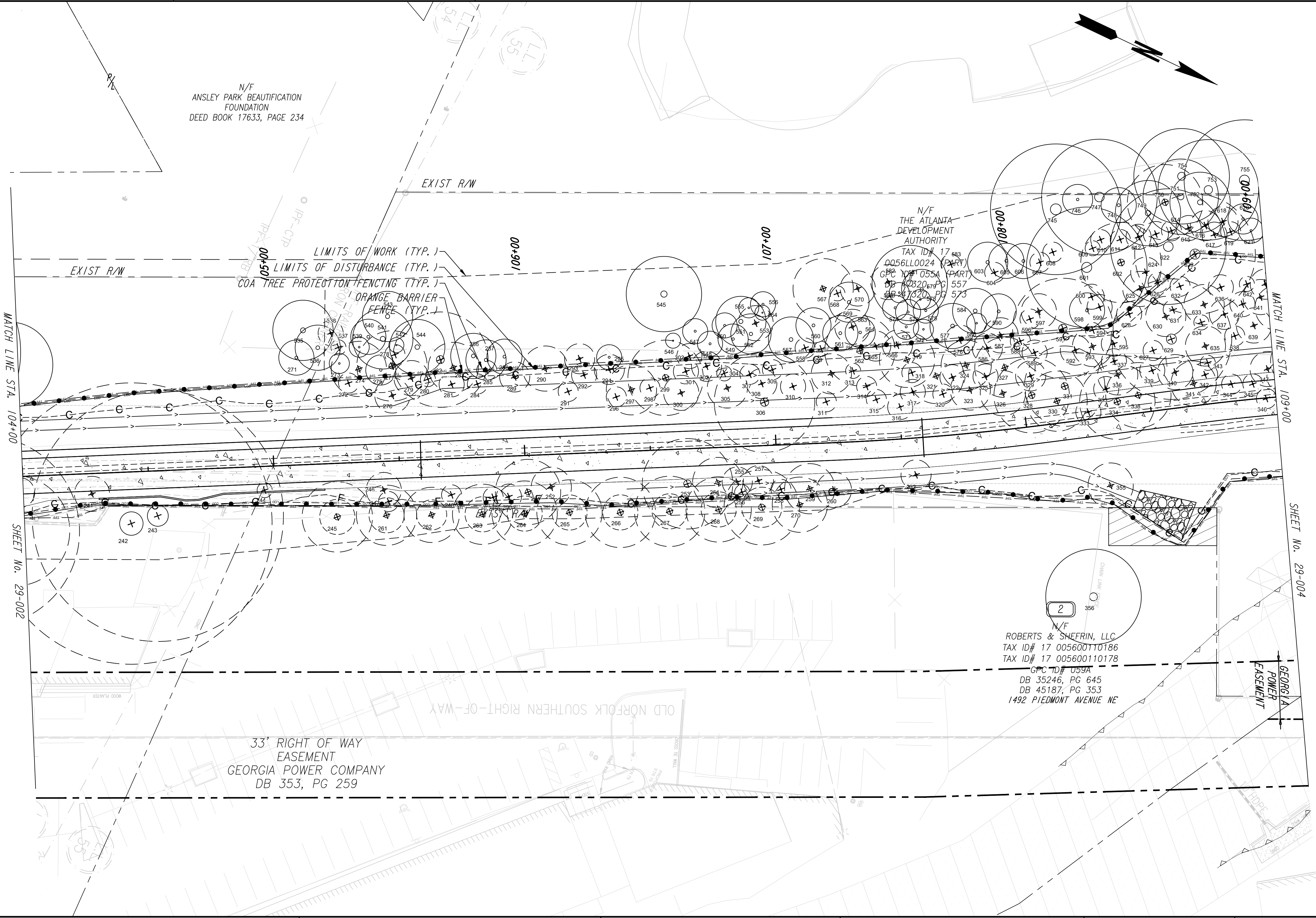
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ATLANTA, GEORGIA 30308
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REVISION DATES	

TREE PROTECTION PLANS ATLANTA BELTLINE NORTHEAST TRAIL			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			29-002



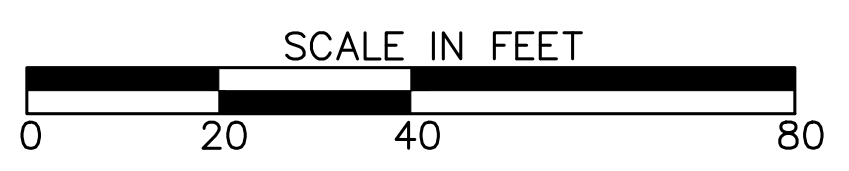
NOTE TO CONTRACTOR: TREES IDENTIFIED FOR REMOVAL BETWEEN THE LIMITS OF DISTURBANCE AND LIMITS OF WORK SHALL BE DONE BY HAND TOOLS ONLY, HEAVY EQUIPMENT IS NOT PERMITTED PAST THE LIMITS OF DISTURBANCE.

LEGEND	
	COA TREE PROTECTION FENCING
	LIMITS OF DISTURBANCE
	LIMITS OF WORK
	COA SETBACKS
	ORANGE BARRIER FENCING
	TREE TO BE SAVED
	TREE TO BE DESTROYED

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

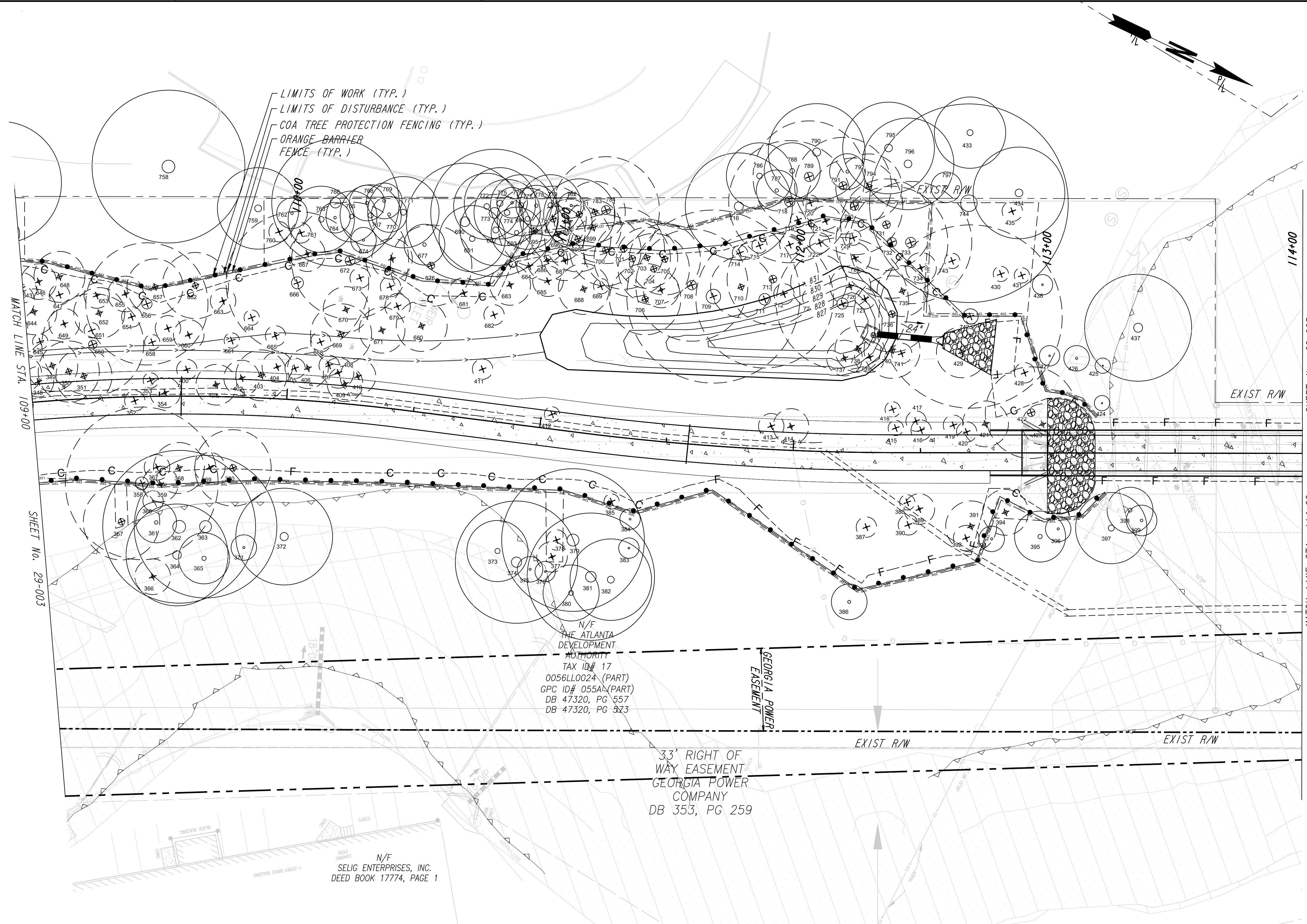
Atlanta BeltLine
Kimley»Horn
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REVISION DATES	

TREE PROTECTION PLANS ATLANTA BELTLINE NORTHEAST TRAIL		
CHECKED:	DATE:	DRAWING No. 29-003
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



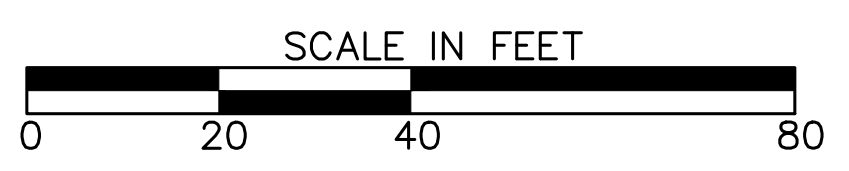
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LEGEND	
— TPF —	COA TREE PROTECTION FENCING
- - - LOD - - -	LIMITS OF DISTURBANCE
- - - L/W - - -	LIMITS OF WORK
- - - CS - - -	COA SETBACKS
— OBF —	ORANGE BARRIER FENCING
○ 100	TREE TO BE SAVED
⊗ 100	TREE TO BE DESTROYED

PROPERTY AND EXISTING R/W LINE	— P —
REQUIRED R/W LINE	— R —
CONSTRUCTION LIMITS	— C — F
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	[Hatched Box]
TEMPORARY EASEMENT FOR CONST. OF SLOPES	[Diagonal Hatched Box]
TEMPORARY EASEMENT FOR CONST. OF DRIVES	[Cross-hatched Box]

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REVISION DATES	

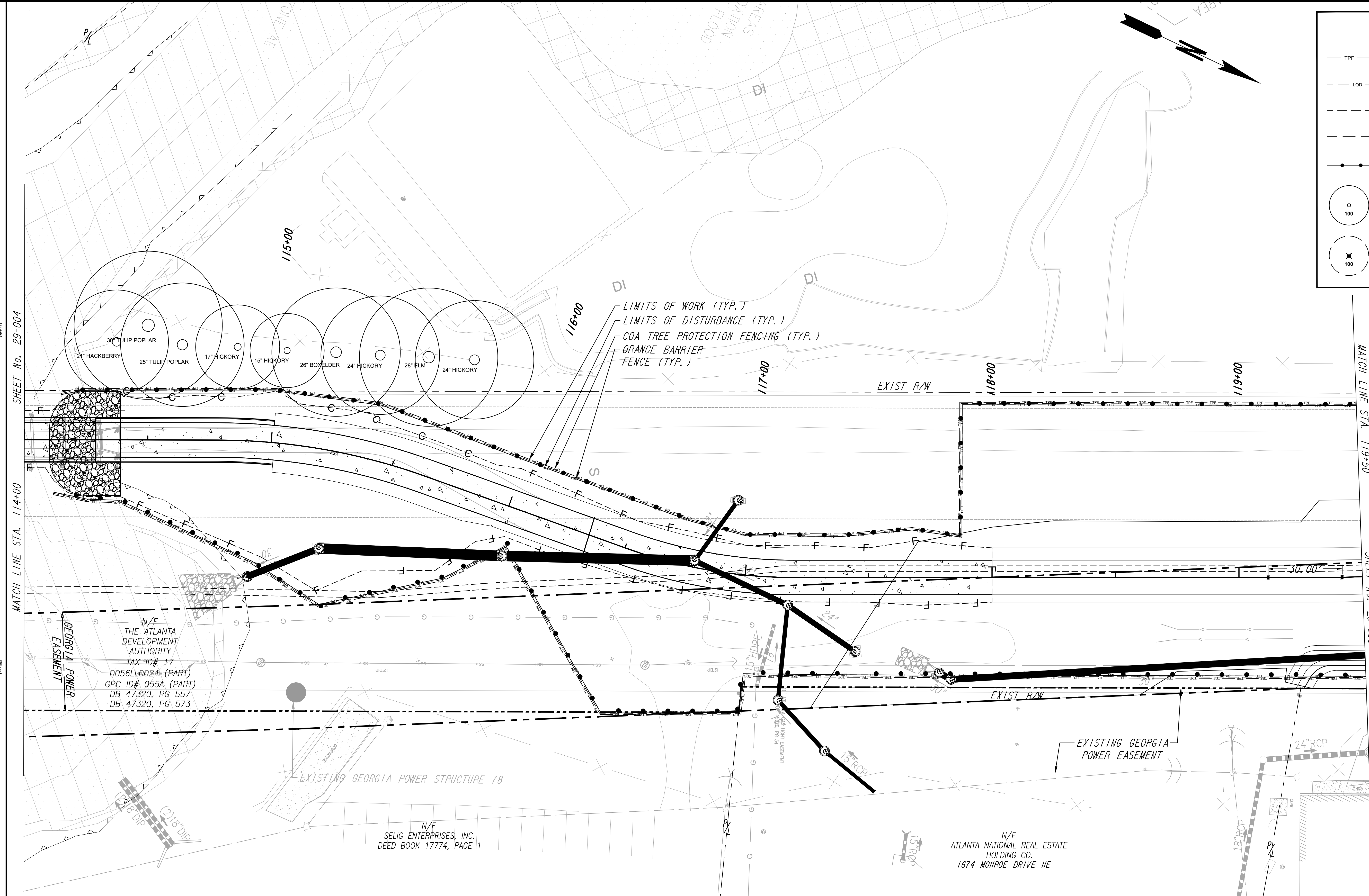
TREE PROTECTION PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 29-004
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

LEGEND

- TPF — COA TREE PROTECTION FENCING
- - - LOD - LIMITS OF DISTURBANCE
- - - - - LIMITS OF WORK
- - - - - COA SETBACKS
- ORANGE BARRIER FENCING
- 100 TREE TO BE SAVED
- ⊗ 100 TREE TO BE DESTROYED

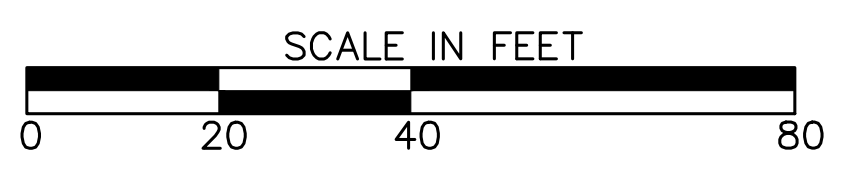
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PROPERTY AND EXISTING R/W LINE	— P —
REQUIRED R/W LINE	— G — F
CONSTRUCTION LIMITS	— G — F
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	[Hatched Pattern]
TEMPORARY EASEMENT FOR CONST. OF SLOPES	[Hatched Pattern]
TEMPORARY EASEMENT FOR CONST. OF DRIVES	[Hatched Pattern]

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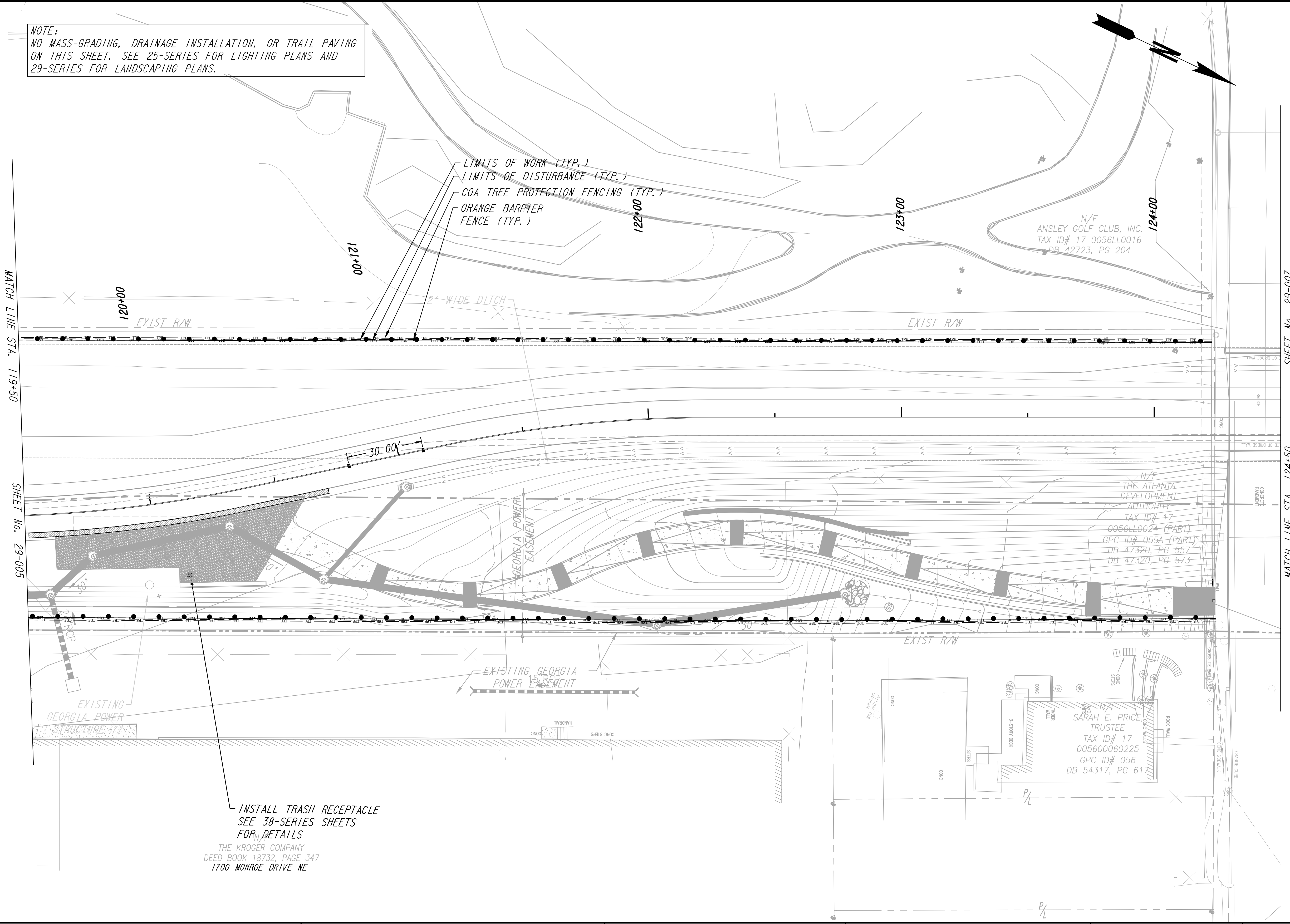


REVISION DATES	

TREE PROTECTION PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 29-005
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

NOTE:
 NO MASS-GRADING, DRAINAGE INSTALLATION, OR TRAIL PAVING
 ON THIS SHEET. SEE 25-SERIES FOR LIGHTING PLANS AND
 29-SERIES FOR LANDSCAPING PLANS.



NOTE TO CONTRACTOR: TREES IDENTIFIED FOR REMOVAL BETWEEN THE LIMITS OF DISTURBANCE AND LIMITS OF WORK SHALL BE DONE BY HAND TOOLS ONLY, HEAVY EQUIPMENT IS NOT PERMITTED PAST THE LIMITS OF DISTURBANCE.

LEGEND	
	COA TREE PROTECTION FENCING
	LIMITS OF DISTURBANCE
	LIMITS OF WORK
	COA SETBACKS
	ORANGE BARRIER FENCING
	TREE TO BE SAVED
	TREE TO BE DESTROYED

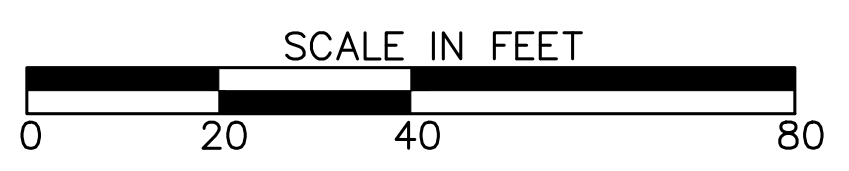
PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

Atlanta BeltLine

ATLANTA BELTLINE, INC.
 100 PEACHTREE STREET, NW
 SUITE 2300
 ATLANTA, GA 30303
 TEL: (404) 477-3003
 FAX: (404) 477-3606

Kimley»Horn

KIMLEY-HORN AND ASSOCIATES, INC.
 THE BILTMORE, SUITE 601
 817 WEST PEACHTREE STREET, NW
 ATLANTA, GEORGIA 30308
 TEL: (404) 419-8700



REVISION DATES	

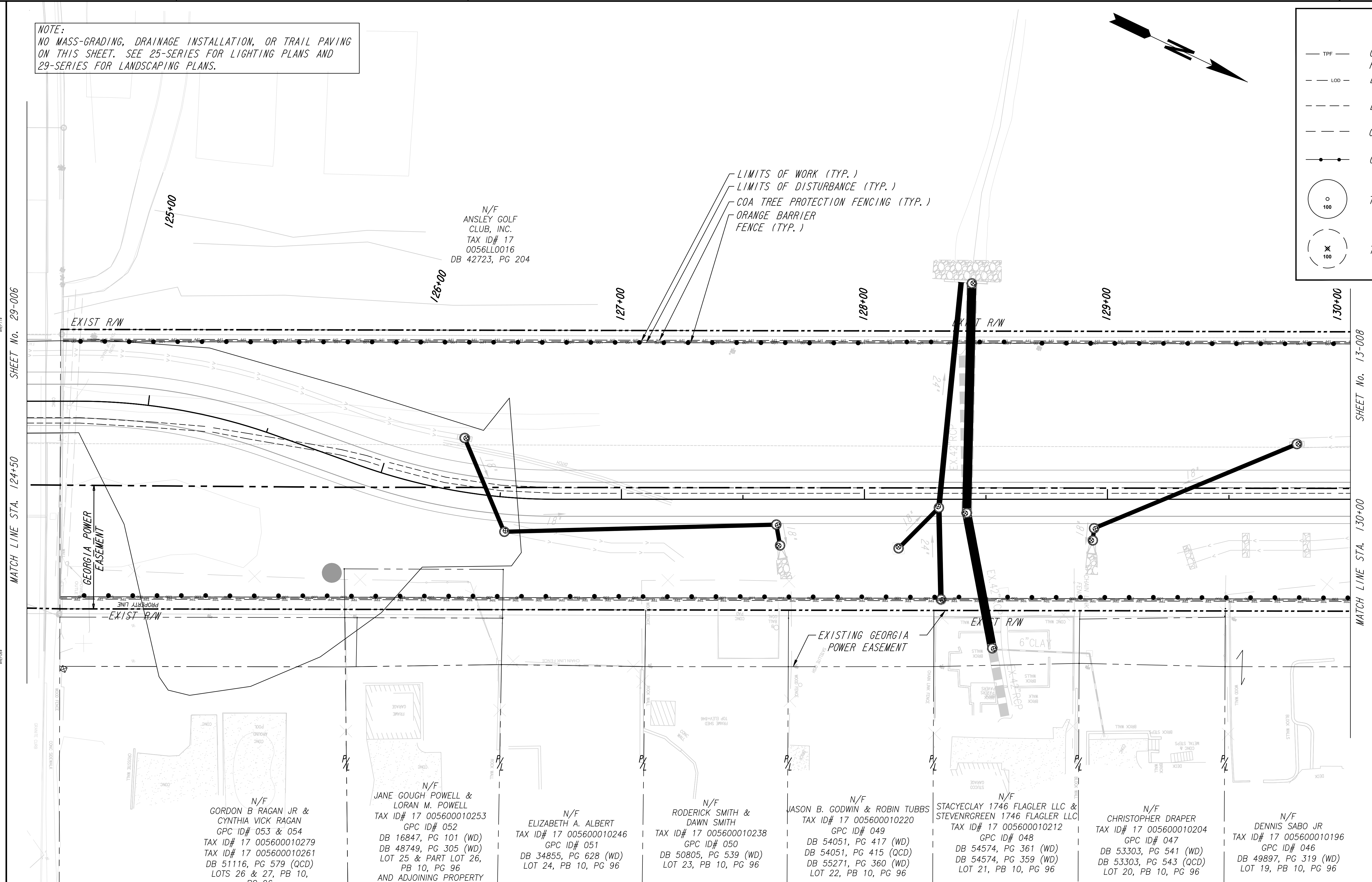
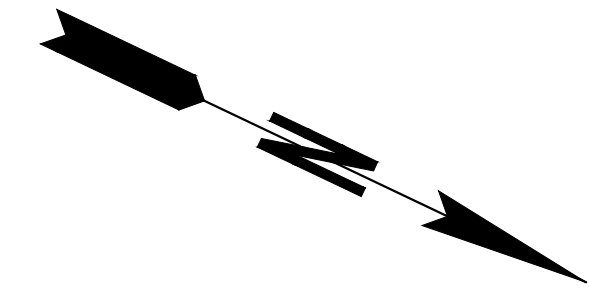
TREE PROTECTION PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 29-006
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

NOTE:
NO MASS-GRADING, DRAINAGE INSTALLATION, OR TRAIL PAVING ON THIS SHEET. SEE 25-SERIES FOR LIGHTING PLANS AND 29-SERIES FOR LANDSCAPING PLANS.

LEGEND

- TPF --- COA TREE PROTECTION FENCING
- LOD --- LIMITS OF DISTURBANCE
- LWS --- LIMITS OF WORK
- CS --- COA SETBACKS
- OB --- ORANGE BARRIER FENCING
- 100 TREE TO BE SAVED
- ⊗ 100 TREE TO BE DESTROYED

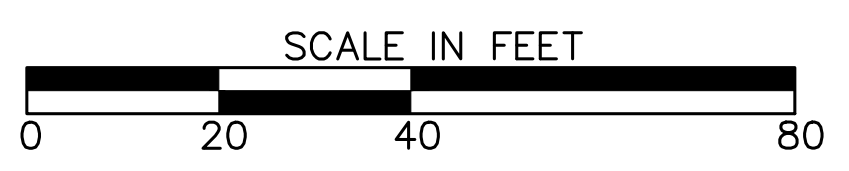


NOTE TO CONTRACTOR:
TREES IDENTIFIED FOR REMOVAL BETWEEN THE LIMITS OF DISTURBANCE AND LIMITS OF WORK SHALL BE DONE BY HAND TOOLS ONLY, HEAVY EQUIPMENT IS NOT PERMITTED PAST THE LIMITS OF DISTURBANCE.

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	▨
TEMPORARY EASEMENT FOR CONST. OF SLOPES	▨
TEMPORARY EASEMENT FOR CONST. OF DRIVES	▨

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FAX: (404) 477-3606

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THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

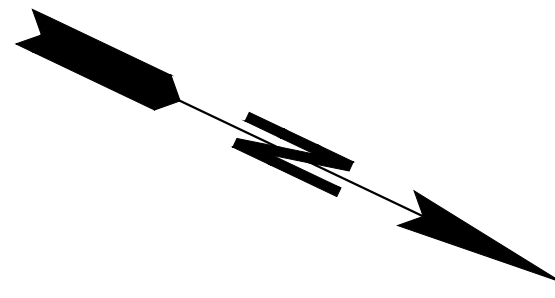


REVISION DATES	

TREE PROTECTION PLANS
ATLANTA BELTLINE NORTHEAST TRAIL

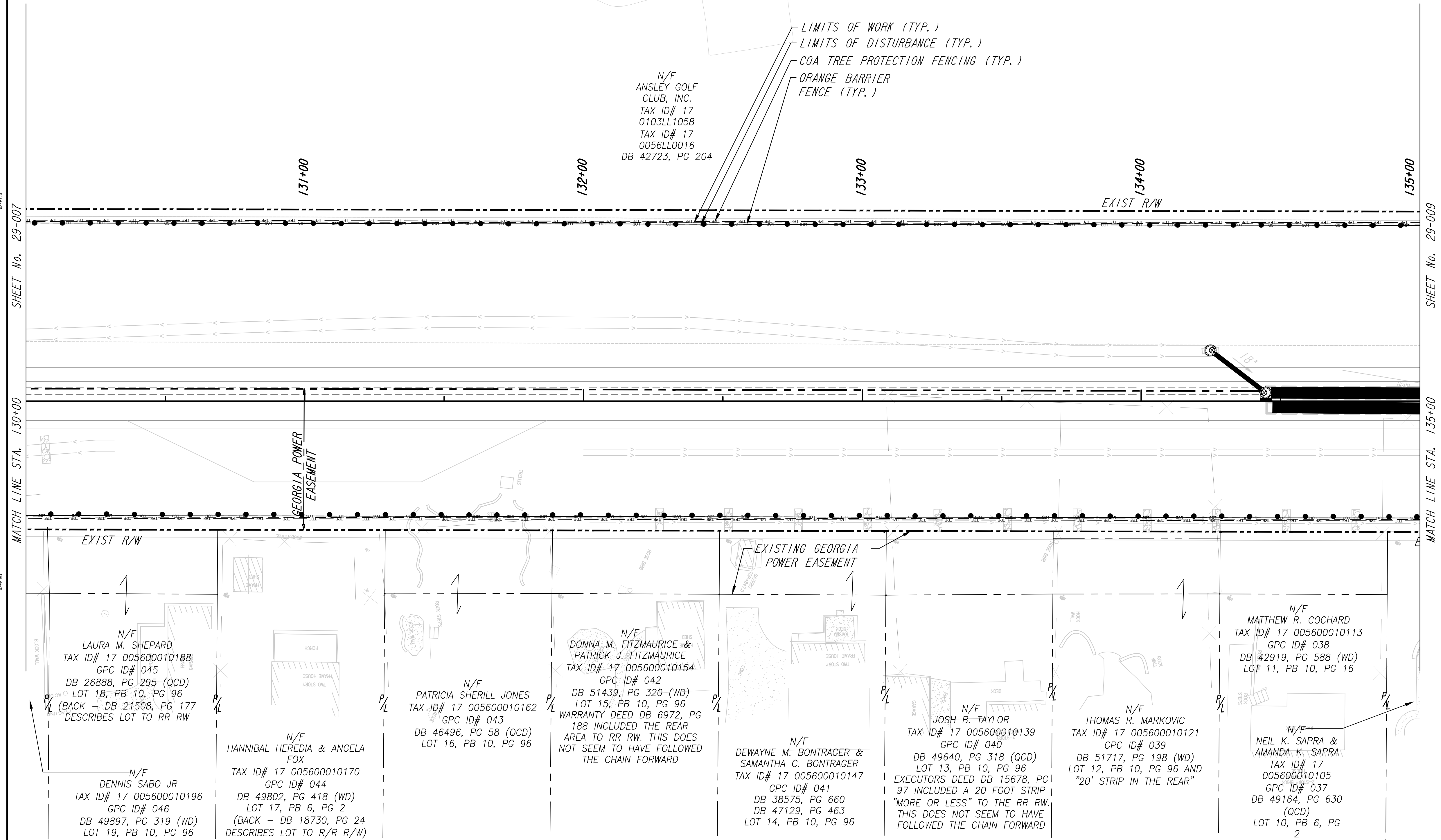
CHECKED:	DATE:	DRAWING No. 29-007
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

NOTE:
 NO MASS-GRADING, DRAINAGE INSTALLATION, OR TRAIL PAVING
 ON THIS SHEET. SEE 25-SERIES FOR LIGHTING PLANS AND
 29-SERIES FOR LANDSCAPING PLANS.



N/F
 ANSLEY GOLF
 CLUB, INC.
 TAX ID# 17
 0103LL1058
 TAX ID# 17
 0056LL0016
 DB 42723, PG 204

LIMITS OF WORK (TYP.)
 LIMITS OF DISTURBANCE (TYP.)
 COA TREE PROTECTION FENCING (TYP.)
 ORANGE BARRIER
 FENCE (TYP.)



NOTE TO CONTRACTOR: TREES
 IDENTIFIED FOR REMOVAL BETWEEN THE
 LIMITS OF DISTURBANCE AND LIMITS
 OF WORK SHALL BE DONE BY HAND
 TOOLS ONLY, HEAVY EQUIPMENT IS NOT
 PERMITTED PAST THE LIMITS OF
 DISTURBANCE.

LEGEND	
— TPF —	COA TREE PROTECTION FENCING
- - - LOD - - -	LIMITS OF DISTURBANCE
- - - - -	LIMITS OF WORK
- - - - -	COA SETBACKS
- • - • -	ORANGE BARRIER FENCING
○ 100	TREE TO BE SAVED
⊗ 100	TREE TO BE DESTROYED

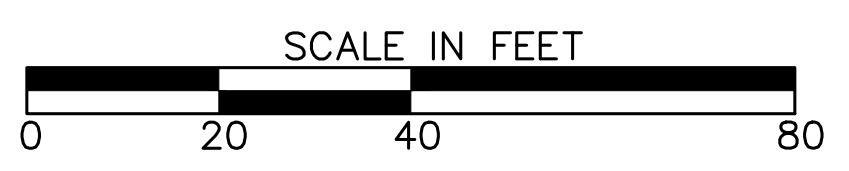
PROPERTY AND EXISTING R/W LINE	— P —
REQUIRED R/W LINE	— F —
CONSTRUCTION LIMITS	— G — F —
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	[Hatched Pattern]
TEMPORARY EASEMENT FOR CONST. OF SLOPES	[Cross-hatched Pattern]
TEMPORARY EASEMENT FOR CONST. OF DRIVES	[Diagonal Hatched Pattern]

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 817 WEST PEACHTREE STREET, NW
 ATLANTA, GEORGIA 30308
 TEL: (404) 419-8700



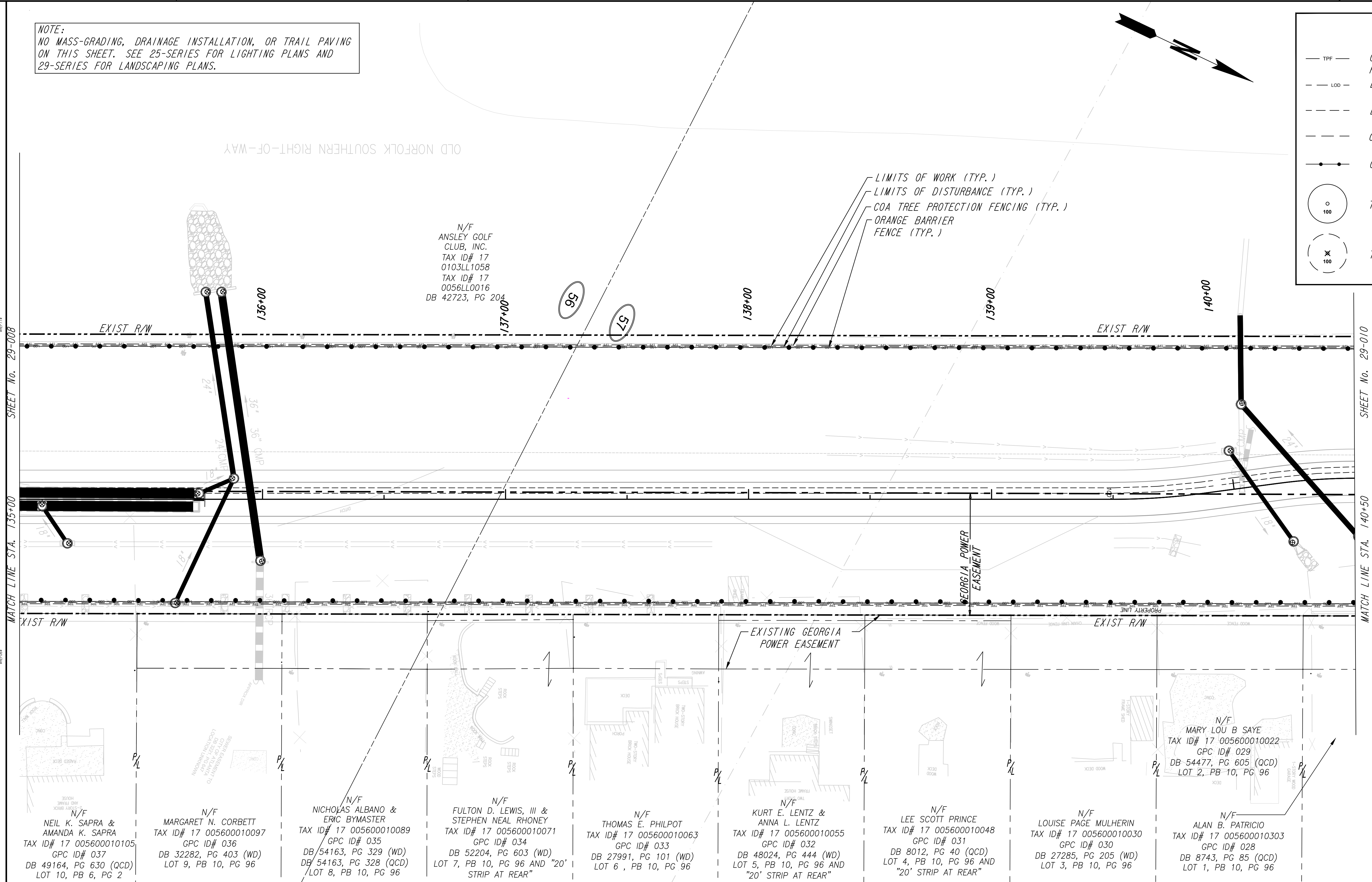
REVISION DATES	

TREE PROTECTION PLANS ATLANTA BELTLINE NORTHEAST TRAIL			
CHECKED:	DATE:	DRAWING No.	
BACKCHECKED:	DATE:	29-008	
CORRECTED:	DATE:		
VERIFIED:	DATE:		

NOTE:
 NO MASS-GRADING, DRAINAGE INSTALLATION, OR TRAIL PAVING ON THIS SHEET. SEE 25-SERIES FOR LIGHTING PLANS AND 29-SERIES FOR LANDSCAPING PLANS.

LEGEND

- TPF — COA TREE PROTECTION FENCING
- - - LOD - LIMITS OF DISTURBANCE
- - - - - LIMITS OF WORK
- - - - - COA SETBACKS
- ORANGE BARRIER FENCING
- 100 TREE TO BE SAVED
- ⊗ 100 TREE TO BE DESTROYED

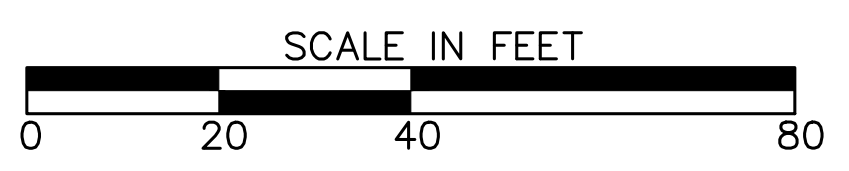


NOTE TO CONTRACTOR:
 TREES IDENTIFIED FOR REMOVAL BETWEEN THE LIMITS OF DISTURBANCE AND LIMITS OF WORK SHALL BE DONE BY HAND TOOLS ONLY, HEAVY EQUIPMENT IS NOT PERMITTED PAST THE LIMITS OF DISTURBANCE.

PROPERTY AND EXISTING R/W LINE	— P/L —
REQUIRED R/W LINE	— F —
CONSTRUCTION LIMITS	— G — F
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	[Hatched Pattern]
TEMPORARY EASEMENT FOR CONST. OF SLOPES	[Diagonal Line Pattern]
TEMPORARY EASEMENT FOR CONST. OF DRIVES	[Cross-hatch Pattern]

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 817 WEST PEACHTREE STREET, NW
 ATLANTA, GEORGIA 30308
 TEL: (404) 419-8700

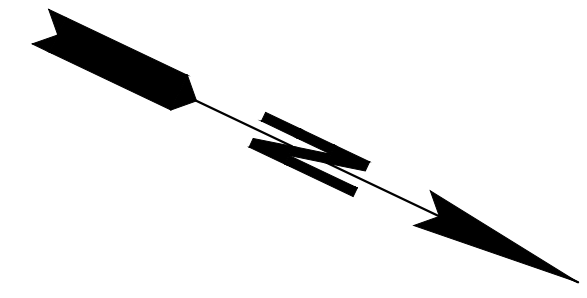


REVISION DATES	

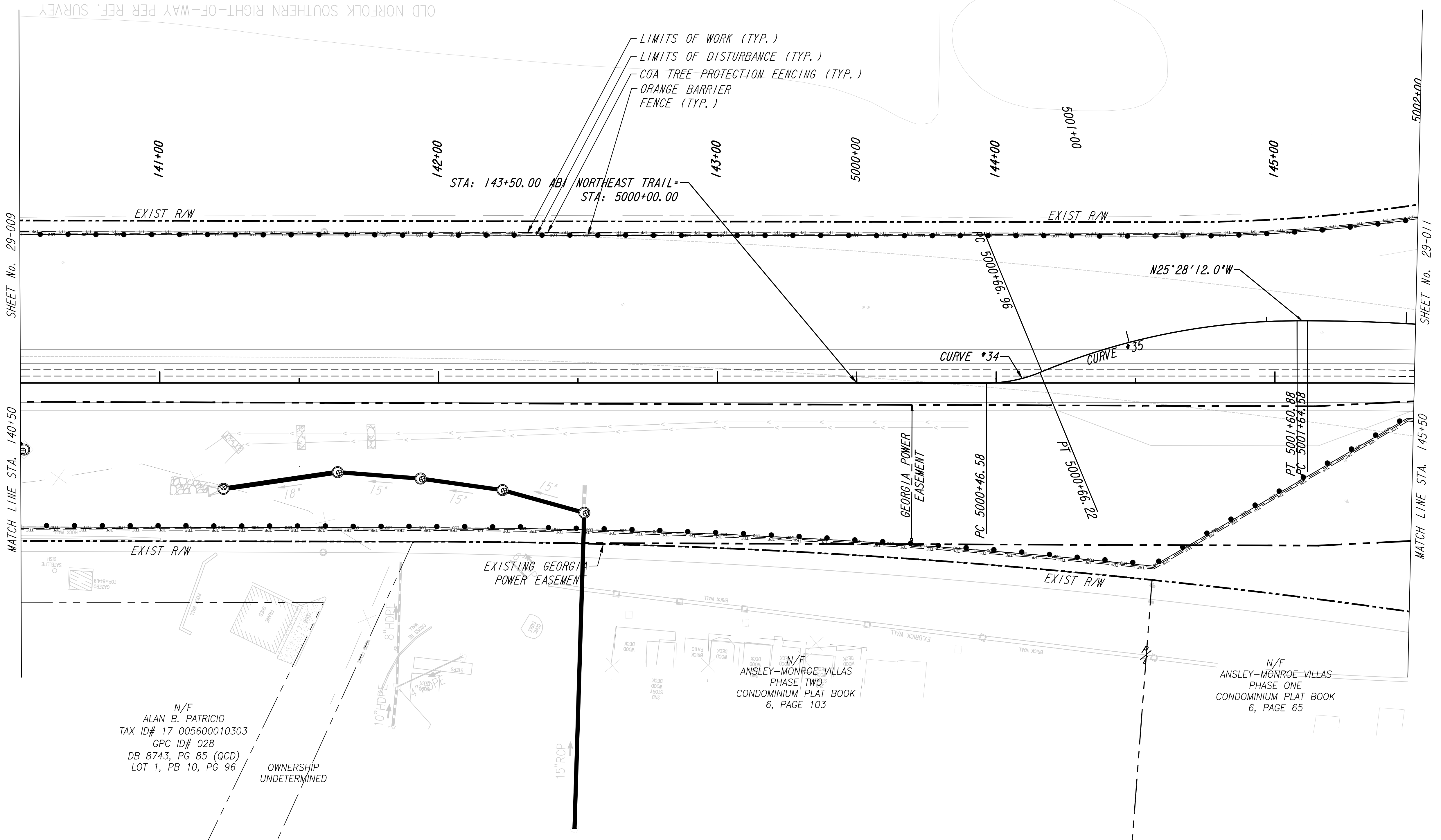
TREE PROTECTION PLANS
 ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 29-009
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

NOTE:
 NO MASS-GRADING, DRAINAGE INSTALLATION, OR TRAIL PAVING ON THIS SHEET. SEE 25-SERIES FOR LIGHTING PLANS AND 29-SERIES FOR LANDSCAPING PLANS.



N/F
 ANSLEY GOLF CLUB, INC.
 TAX ID# 17 0103LL1058
 TAX ID# 17 0056LL0016
 DB 42723, PG 204



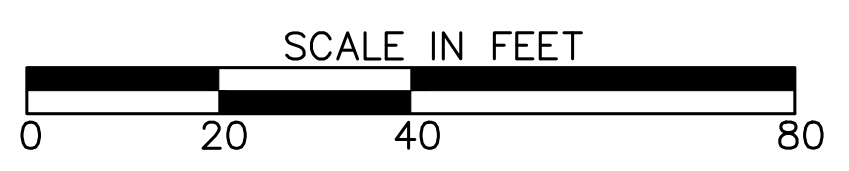
NOTE TO CONTRACTOR: TREES IDENTIFIED FOR REMOVAL BETWEEN THE LIMITS OF DISTURBANCE AND LIMITS OF WORK SHALL BE DONE BY HAND TOOLS ONLY, HEAVY EQUIPMENT IS NOT PERMITTED PAST THE LIMITS OF DISTURBANCE.

LEGEND	
	COA TREE PROTECTION FENCING
	LIMITS OF DISTURBANCE
	LIMITS OF WORK
	COA SETBACKS
	ORANGE BARRIER FENCING
	TREE TO BE SAVED
	TREE TO BE DESTROYED

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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 THE BILTMORE, SUITE 601
 817 WEST PEACHTREE STREET, NW
 ATLANTA, GEORGIA 30308
 TEL: (404) 419-8700

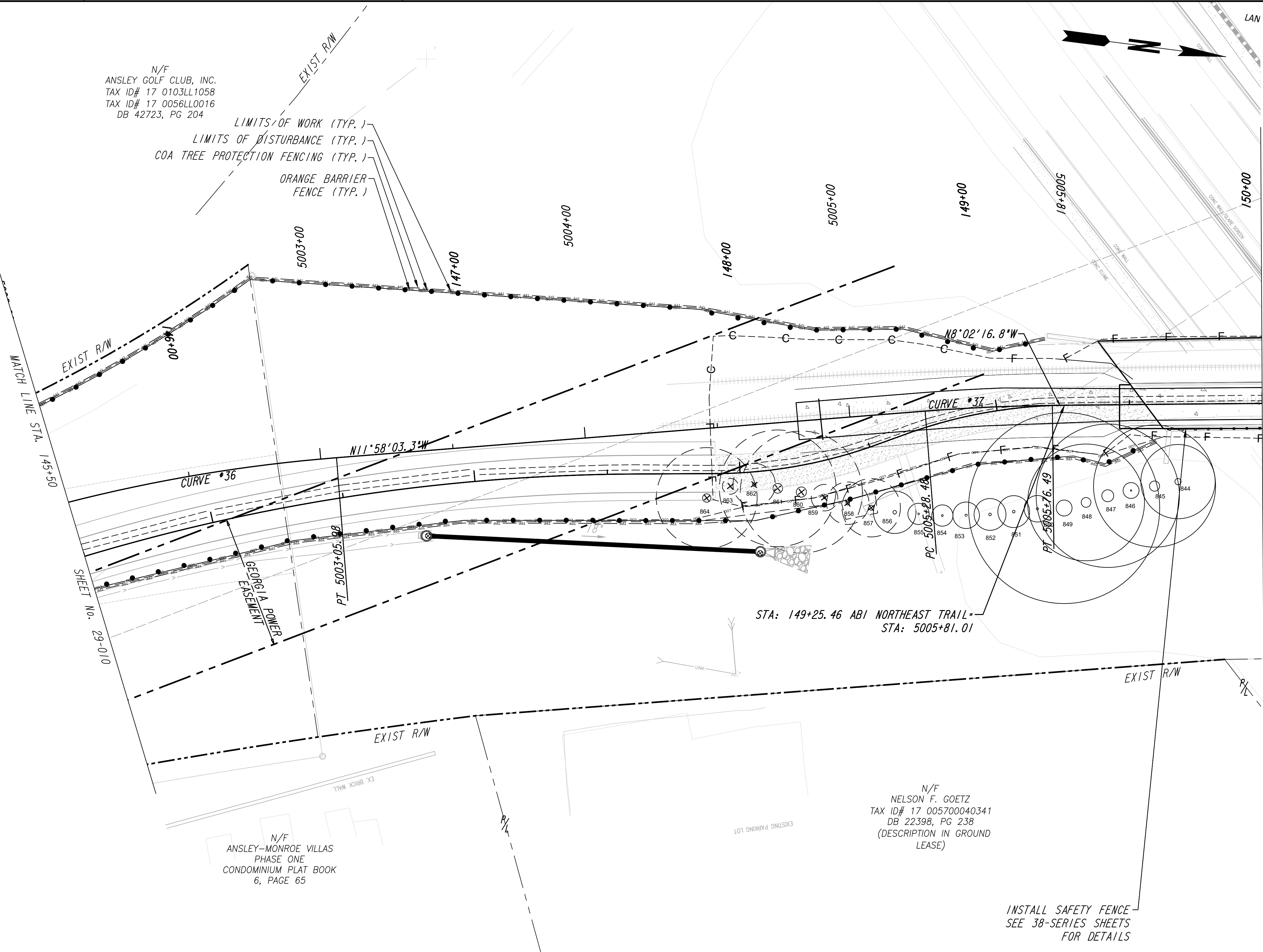


REVISION DATES	

TREE PROTECTION PLANS ATLANTA BELTLINE NORTHEAST TRAIL			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			29-010

N/F
ANSLEY GOLF CLUB, INC.
TAX ID# 17 0103LL1058
TAX ID# 17 0056LL0016
DB 42723, PG 204

LIMITS OF WORK (TYP.)
LIMITS OF DISTURBANCE (TYP.)
COA TREE PROTECTION FENCING (TYP.)
ORANGE BARRIER FENCE (TYP.)



STA: 149+25.46 ABI NORTHEAST TRAIL -
STA: 5005+81.01

N/F
NELSON F. GOETZ
TAX ID# 17 005700040341
DB 22398, PG 238
(DESCRIPTION IN GROUND LEASE)

NOTE TO CONTRACTOR: TREES IDENTIFIED FOR REMOVAL BETWEEN THE LIMITS OF DISTURBANCE AND LIMITS OF WORK SHALL BE DONE BY HAND TOOLS ONLY. HEAVY EQUIPMENT IS NOT PERMITTED PAST THE LIMITS OF DISTURBANCE.

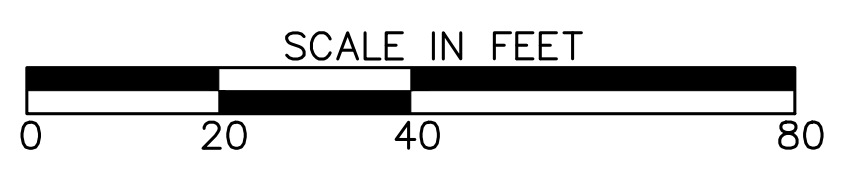
LEGEND	
--- TPF ---	COA TREE PROTECTION FENCING
--- LOD ---	LIMITS OF DISTURBANCE
---	LIMITS OF WORK
---	COA SETBACKS
●-●	ORANGE BARRIER FENCING
○	TREE TO BE SAVED
⊗	TREE TO BE DESTROYED

INSTALL SAFETY FENCE
SEE 38-SERIES SHEETS
FOR DETAILS

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	▨
TEMPORARY EASEMENT FOR CONST. OF SLOPES	▨
TEMPORARY EASEMENT FOR CONST. OF DRIVES	▨

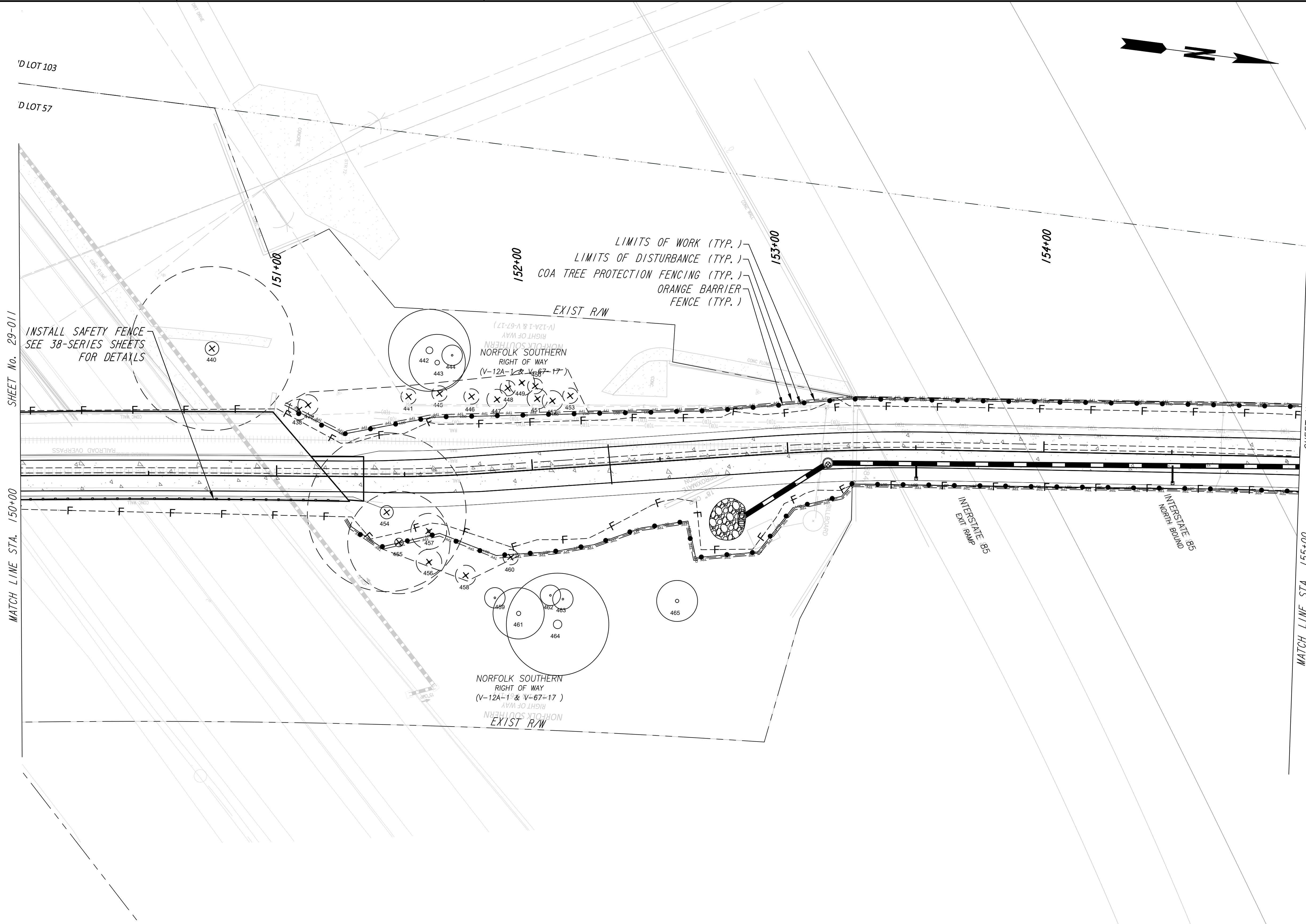
Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
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Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700



REVISION DATES	

TREE PROTECTION PLANS ATLANTA BELTLINE NORTHEAST TRAIL			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			29-011



INSTALL SAFETY FENCE
SEE 38-SERIES SHEETS
FOR DETAILS

LIMITS OF WORK (TYP.)
LIMITS OF DISTURBANCE (TYP.)
COA TREE PROTECTION FENCING (TYP.)
ORANGE BARRIER FENCE (TYP.)

NOTE TO CONTRACTOR: TREES IDENTIFIED FOR REMOVAL BETWEEN THE LIMITS OF DISTURBANCE AND LIMITS OF WORK SHALL BE DONE BY HAND TOOLS ONLY. HEAVY EQUIPMENT IS NOT PERMITTED PAST THE LIMITS OF DISTURBANCE.

LEGEND	
	COA TREE PROTECTION FENCING
	LIMITS OF DISTURBANCE
	LIMITS OF WORK
	COA SETBACKS
	ORANGE BARRIER FENCING
	TREE TO BE SAVED
	TREE TO BE DESTROYED

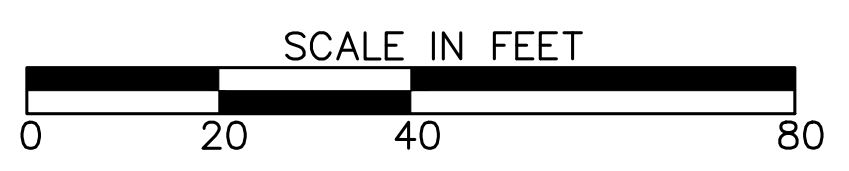
PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
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Kimley»Horn

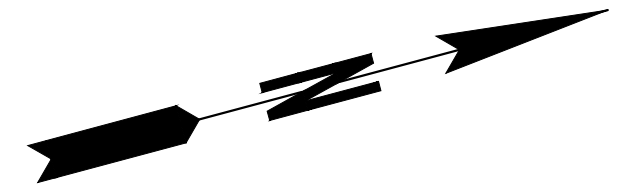
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700



REVISION DATES	

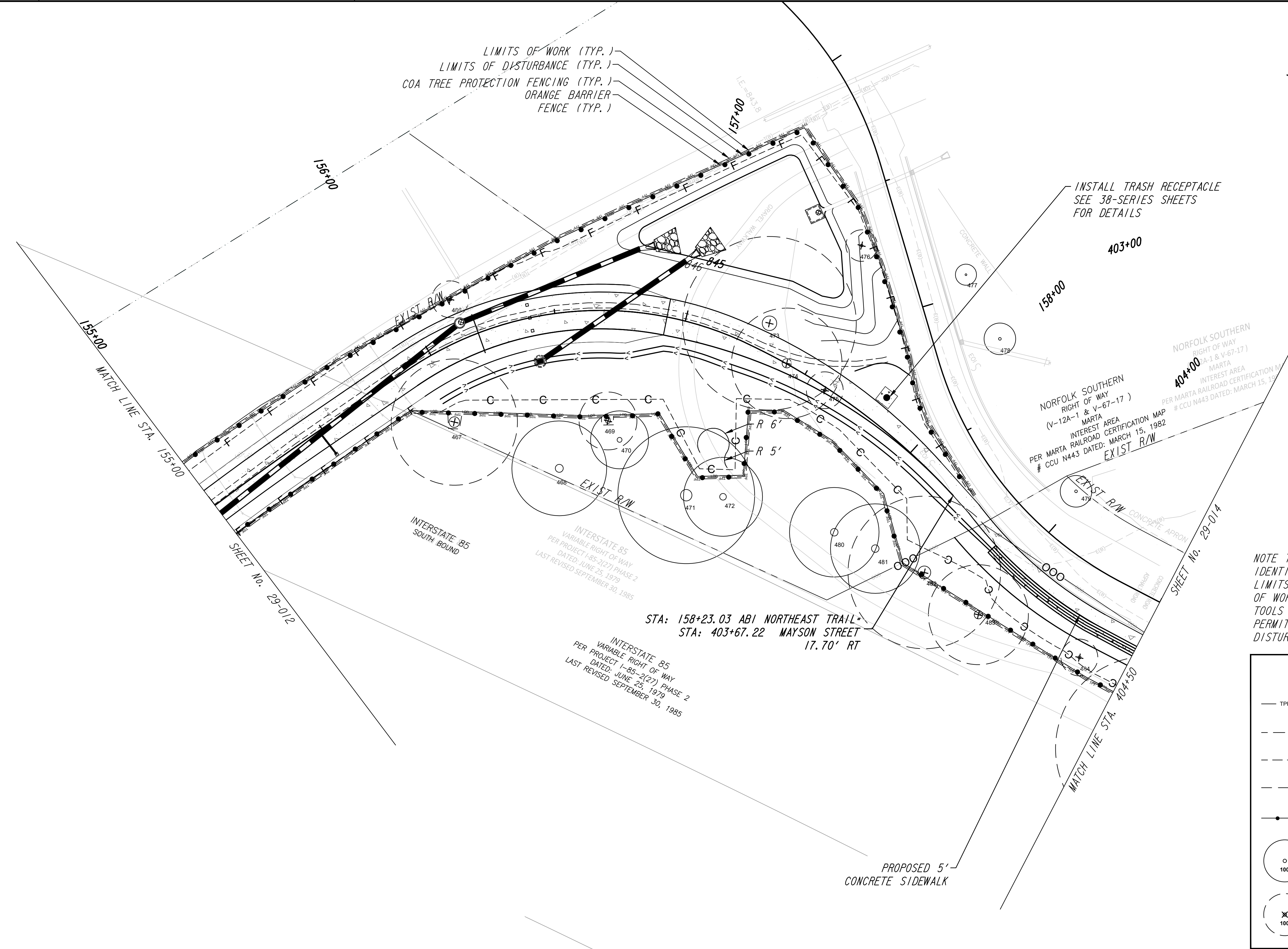
TREE PROTECTION PLANS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 29-012
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



LIMITS OF WORK (TYP.)
 LIMITS OF DISTURBANCE (TYP.)
 COA TREE PROTECTION FENCING (TYP.)
 ORANGE BARRIER FENCE (TYP.)

INSTALL TRASH RECEPTACLE
 SEE 38-SERIES SHEETS
 FOR DETAILS



NORFOLK SOUTHERN
 RIGHT OF WAY
 (V-12A-1 & V-67-17)
 MARTA
 INTEREST AREA
 PER MARTA RAILROAD CERTIFICATION MAP
 # CCU N443 DATED: MARCH 15, 1982
 EXIST R/W

INTERSTATE 85
 VARIABLE RIGHT OF WAY
 PER PROJECT I-85-3(27) PHASE 2
 DATED: JUNE 25, 1979
 LAST REVISED: SEPTEMBER 30, 1985

STA: 158+23.03 ABI NORTHEAST TRAIL
 STA: 403+67.22 MAYSON STREET
 17.70' RT

INTERSTATE 85
 VARIABLE RIGHT OF WAY
 PER PROJECT I-85-2(27) PHASE 2
 DATED: JUNE 25, 1979
 LAST REVISED: SEPTEMBER 30, 1985

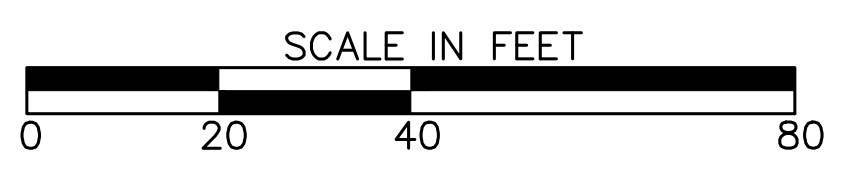
NOTE TO CONTRACTOR: TREES IDENTIFIED FOR REMOVAL BETWEEN THE LIMITS OF DISTURBANCE AND LIMITS OF WORK SHALL BE DONE BY HAND TOOLS ONLY, HEAVY EQUIPMENT IS NOT PERMITTED PAST THE LIMITS OF DISTURBANCE.

LEGEND	
--- TPF ---	COA TREE PROTECTION FENCING
--- LOD ---	LIMITS OF DISTURBANCE
---	LIMITS OF WORK
---	COA SETBACKS
---●---	ORANGE BARRIER FENCING
○	TREE TO BE SAVED
⊗	TREE TO BE DESTROYED

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	▨
TEMPORARY EASEMENT FOR CONST. OF SLOPES	▨
TEMPORARY EASEMENT FOR CONST. OF DRIVES	▨

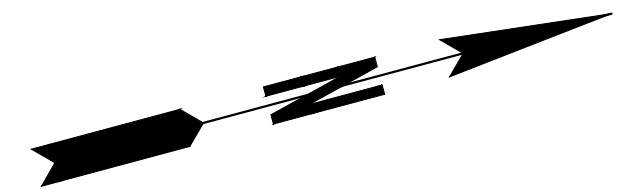
Atlanta BeltLine
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 ATLANTA, GEORGIA 30308
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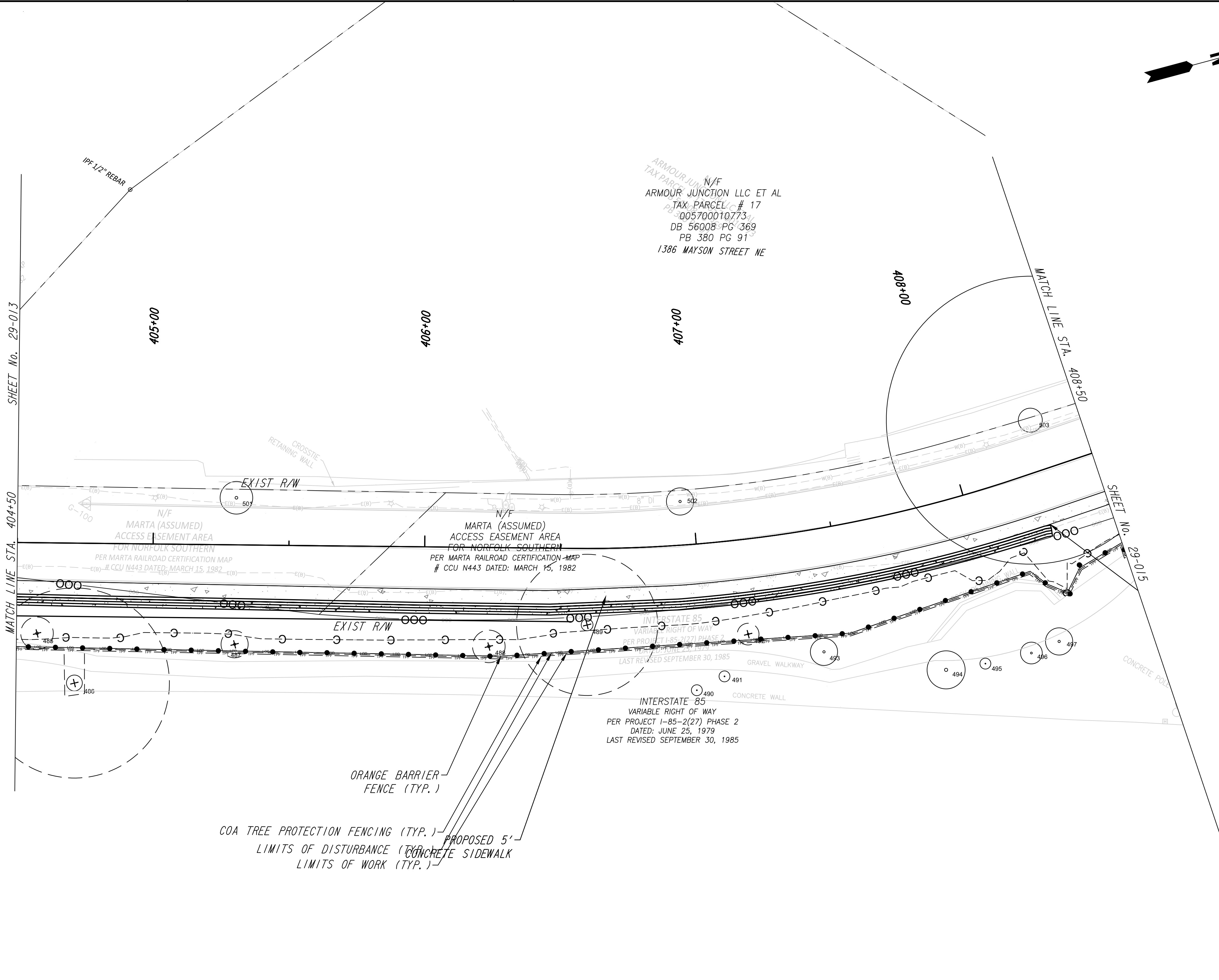


REVISION DATES	

TREE PROTECTION PLANS ATLANTA BELTLINE NORTHEAST TRAIL			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			29-013



ARMOUR JUNCTION N/F
 TAX PARCEL # 17
 005700010773
 DB 56008 PG 369
 PB 380 PG 91
 1386 MAYSON STREET NE



NOTE TO CONTRACTOR: TREES IDENTIFIED FOR REMOVAL BETWEEN THE LIMITS OF DISTURBANCE AND LIMITS OF WORK SHALL BE DONE BY HAND TOOLS ONLY, HEAVY EQUIPMENT IS NOT PERMITTED PAST THE LIMITS OF DISTURBANCE.

LEGEND	
— TPF —	COA TREE PROTECTION FENCING
- - - - -	LIMITS OF DISTURBANCE
- - - - -	LIMITS OF WORK
- - - - -	COA SETBACKS
—●—●—	ORANGE BARRIER FENCING
○	TREE TO BE SAVED
⊗	TREE TO BE DESTROYED

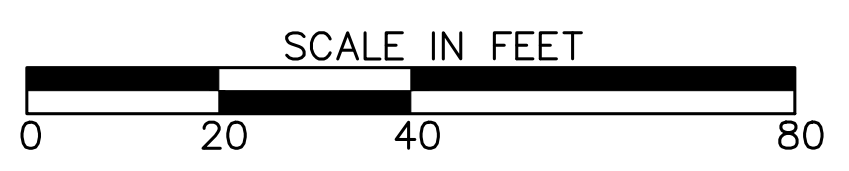
PROPERTY AND EXISTING R/W LINE	— R —
REQUIRED R/W LINE	— R —
CONSTRUCTION LIMITS	— G — F —
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	[Hatched Pattern]
TEMPORARY EASEMENT FOR CONST. OF SLOPES	[Diagonal Line Pattern]
TEMPORARY EASEMENT FOR CONST. OF DRIVES	[Cross-hatch Pattern]

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REVISION DATES	

TREE PROTECTION PLANS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 29-014
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

STA: 501+85.54 PLASTERS AVENUE
STA: 409+82.10 MAYSON STREET

N/F
ARMOUR JUNCTION LLC ET AL
TAX PARCEL # 17
005700010815
DB 56008 PG 369

N/F
EPIC CXXX LLC
TAX PARCEL # 17
005700010872
DB 56008 PG 369
PB 380 PG 91

N/F
BURNS PARK REALTY LLC
TAX PARCEL # 17
005700010351
DB 35917, PG 612
PB 96 PG 46

N/F
CWS ARMOUR LLC ET AL
TAX PARCEL # 17
005700010351
DB 53711 PG 176

N/F
CWS ARMOUR LLC ET AL
TAX PARCEL # 17
005700010351
DB 53711 PG 176

N/F
ARMOUR JUNCTION LLC ET AL
TAX PARCEL # 17
005700010773
DB 56008 PG 369
PB 380 PG 91

INTERSTATE 85
VARIABLE RIGHT OF WAY
PER PROJECT I-85-2(27) PHASE 2
DATED: JUNE 25, 1979
LAST REVISED SEPTEMBER 30, 1985

INTERSTATE 85
VARIABLE RIGHT OF WAY
PER PROJECT I-85-2(27) PHASE 2
DATED: JUNE 25, 1979
LAST REVISED SEPTEMBER 30, 1985

INTERSTATE 85
VARIABLE RIGHT OF WAY
PER PROJECT I-85-2(27) PHASE 2
DATED: JUNE 25, 1979
LAST REVISED SEPTEMBER 30, 1985

LEGEND	
— TPF —	COA TREE PROTECTION FENCING
--- LOD ---	LIMITS OF DISTURBANCE
---	LIMITS OF WORK
- - -	COA SETBACKS
—●—●—	ORANGE BARRIER FENCING
○ 100	TREE TO BE SAVED
⊗ 100	TREE TO BE DESTROYED

NOTE TO CONTRACTOR: TREES IDENTIFIED FOR REMOVAL BETWEEN THE LIMITS OF DISTURBANCE AND LIMITS OF WORK SHALL BE DONE BY HAND TOOLS ONLY, HEAVY EQUIPMENT IS NOT PERMITTED PAST THE LIMITS OF DISTURBANCE.

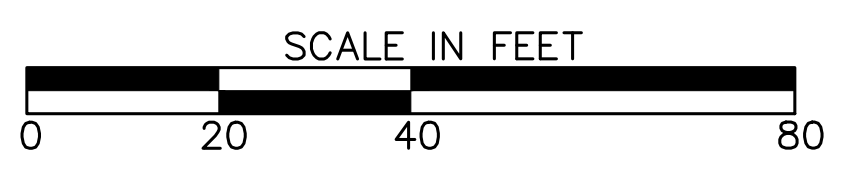
PROPERTY AND EXISTING R/W LINE	— R —
REQUIRED R/W LINE	— F —
CONSTRUCTION LIMITS	— G —
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	▨
TEMPORARY EASEMENT FOR CONST. OF SLOPES	▧
TEMPORARY EASEMENT FOR CONST. OF DRIVES	▩

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Kimley»Horn

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ATLANTA, GEORGIA 30308
TEL: (404) 419-8700



REVISION DATES	

TREE PROTECTION PLANS ATLANTA BELTLINE NORTHEAST TRAIL			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			29-015

GENERAL NOTES – PERMANENTLY ANCHORED WALLS
WALLS 100B, 101D, 113A/B, 114A/B, 404

SPECIFICATIONS – GEORGIA STANDARD SPECIFICATIONS, 2021 EDITION, AS MODIFIED BY CONTRACT DOCUMENTS.

REINFORCING STEEL – PLACE AND TIE ALL REINFORCING STEEL IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. DO NOT WELD REINFORCING STEEL.

STATIONS AND OFFSETS – STATIONS SHOWN ARE ALONG \mathcal{C} CONSTRUCTION. OFFSETS SHOWN ARE MEASURED TO THE FRONT FACE OF WALL.

CHAMFER – CHAMFER ALL EXPOSED CONCRETE EDGES $\frac{3}{4}$ INCH UNLESS OTHERWISE NOTED.

JOINTS IN WALL FORMS – JOINTS IN WALL FORMS SHALL BE SUPPORTED WITH BACKING STRIPS TO PROVIDE A FLUSH SURFACE IN THE FINISHED WALL FACE.

FINISH – EXPOSED SURFACE OF THE WALL SHALL RECEIVE A GRANITE VENEER, ALL WALLS UNLESS OTHERWISE NOTED.

FINISH (WALL 404 ONLY) – EXPOSED SURFACE OF WALL SHALL RECEIVE A TYPE III FINISH.

GRAFFITI COATING (WALL 404 ONLY) – APPLY A GRAFFITI PROOF COATING AS PER SECTION 838 OF THE GEORGIA DOT SPECIFICATIONS.

RUSTICATION GROOVES (WALL 404 ONLY) – SPACE GROOVES AT 8'± SPACINGS BETWEEN CONTRACTION JOINTS AND EXPANSION JOINTS.

SOLDIER PILES – SOLDIER PILES ARE REQUIRED WITH TIE BACK WALLS.

CONCRETE FACING – WALL FACING IS 12 INCH THICK CAST IN PLACE REINFORCED CONCRETE. PNEUMATICALLY APPLIED CONCRETE (SHOTCRETE) WILL NOT BE ALLOWED AS A PERMANENT WALL FACING.

WATERSTOPS – ALL HORIZONTAL AND VERTICAL CONSTRUCTION JOINTS SHALL CONTAIN 6" PLAIN WATERSTOPS. ALL VERTICAL EXPANSION JOINTS SHALL CONTAIN A 6" BULB TYPE WATERSTOP.

GEOCOMPOSITE WALL DRAIN – USE A GEOCOMPOSITE WALL DRAIN, SELECTED FROM THE GEORGIA DOT QUALIFIED PRODUCTS LIST, BEHIND THE WALL FACING AT WEEP HOLE LOCATIONS. SPACE WEEP HOLES AT 8' MAXIMUM SPACINGS.

CONCRETE COVER – MAINTAIN 2 INCHES COVER ON ALL REINFORCING STEEL.

WELDING – ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY CERTIFIED WELDERS THAT HAVE IN THEIR POSSESSION A CURRENT WELDING CERTIFICATION CARD ISSUED BY THE OFFICE OF MATERIALS AND TESTING. USE ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES FOR MANUAL SHIELDED METAL ARC WELDING.

WALL PLANS – THE RETAINING WALL IS CONSIDERED A CONTRACTOR DESIGN. THESE WALL PLANS ARE CONCEPTUAL AND ARE FOR ILLUSTRATIVE PURPOSES ONLY. EXACT NUMBER OF ANCHORS, THEIR LOCATIONS AND DESIGN LOADS SHALL BE PROVIDED BY THE CONTRACTOR FOR THE WALL SYSTEM BID. THE PRESENCE OF THESE CONCEPTUAL PLANS IN THE CONTRACT DOCUMENTS IN NO WAY RELIEVES THE CONTRACTOR FROM PROVIDING A WALL SYSTEM WHICH PROVIDES STRUCTURAL ADEQUACY, INCLUDING ANCHOR TESTING, IN ACCORDANCE WITH SECTION 617 OF THE GEORGIA DOT SPECIFICATIONS, AT THE BID PRICE.

INCIDENTAL ITEMS – INCLUDE THE COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF JOINT FILLERS AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

DESIGN DATA – PERMANENTLY ANCHORED WALLS

SPECIFICATIONS ----- AASHTO 17TH EDITION, 2002

CONCRETE ----- CLASS A, $f'_c = 3,000$ PSI

COHESION ----- 0 PSF

ANGLE OF INTERNAL FRICTION ----- 32'

UNIT WEIGHT ----- 115 PCF

SUMMARY OF QUANTITIES – WALL NO. 100B

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
515-2105	18	LF	42" METAL SAFETY RAIL
617-0510	LUMP		PERMANENTLY ANCHORED WALL, NO – 100B
999-9000	125	SF	GRANITE FACING

SUMMARY OF QUANTITIES – WALL NO. 100D

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500-3107	95	CY	CLASS A CONCRETE, RETAIN WALL
501-2000	377	LB	STR STEEL
511-1000	6187	LB	BAR REINF STEEL
999-9000	375	SF	GRANITE FACING

SUMMARY OF QUANTITIES – WALL NO. 101B

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500-3800	8	CY	CLASS A CONCRETE, INCL REINF STEEL
501-2000	250	LB	STR STEEL
515-2105	103	LF	42" METAL SAFETY RAIL
627-1000	565	SF	MSE WALL FACE, 0-10 FT HT, WALL NO – 101B
999-9000	670	SF	GRANITE FACING

SUMMARY OF QUANTITIES – WALL NO. 101C

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500-3800	8	CY	CLASS A CONCRETE, INCL REINF STEEL
501-2000	235	LB	STR STEEL
515-2105	105	LF	42" METAL SAFETY RAIL
627-1000	396	SF	MSE WALL FACE, 0-10 FT HT, WALL NO – 101C
627-1010	472	SF	MSE WALL FACE, 10-20 FT HT, WALL NO – 101C
999-9000	973	SF	GRANITE FACING

SUMMARY OF QUANTITIES – WALL NO. 101D

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
515-2105	9	LF	42" METAL SAFETY RAIL
617-0510	LUMP		PERMANENTLY ANCHORED WALL, NO – 101D
999-9000	60	SF	GRANITE FACING

SUMMARY OF QUANTITIES – WALL NO. 113A

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
502-1200	0.3	MBM	BRIDGE TIMBER, TREATED
617-0510	LUMP		PERMANENTLY ANCHORED WALL, NO – 113A
999-9000	181	SF	GRANITE FACING

SUMMARY OF QUANTITIES – WALL NO. 113B

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
502-1200	0.3	MBM	BRIDGE TIMBER, TREATED
617-0510	LUMP		PERMANENTLY ANCHORED WALL, NO – 113B
999-9000	178	SF	GRANITE FACING

SUMMARY OF QUANTITIES – WALL NO. 114A

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
502-1200	0.9	MBM	BRIDGE TIMBER, TREATED
617-0510	LUMP		PERMANENTLY ANCHORED WALL, NO – 114A
999-9000	580	SF	GRANITE FACING

SUMMARY OF QUANTITIES – WALL NO. 114B

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
502-1200	0.9	MBM	BRIDGE TIMBER, TREATED
617-0510	LUMP		PERMANENTLY ANCHORED WALL, NO – 114B
999-9000	570	SF	GRANITE FACING

SUMMARY OF QUANTITIES – WALL NO. 404

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
441-0204	141	SY	PLAIN CONC. DITCH PAVING, 4 IN
617-0510	LUMP		PERMANENTLY ANCHORED WALL, NO – 404

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ATLANTA BELTLINE

GENERAL NOTES (2 OF 2)

ATLANTA BELTLINE NORTHEAST TRAIL
FULTON COUNTY

SCALE: NO SCALE ' OCTOBER 2021

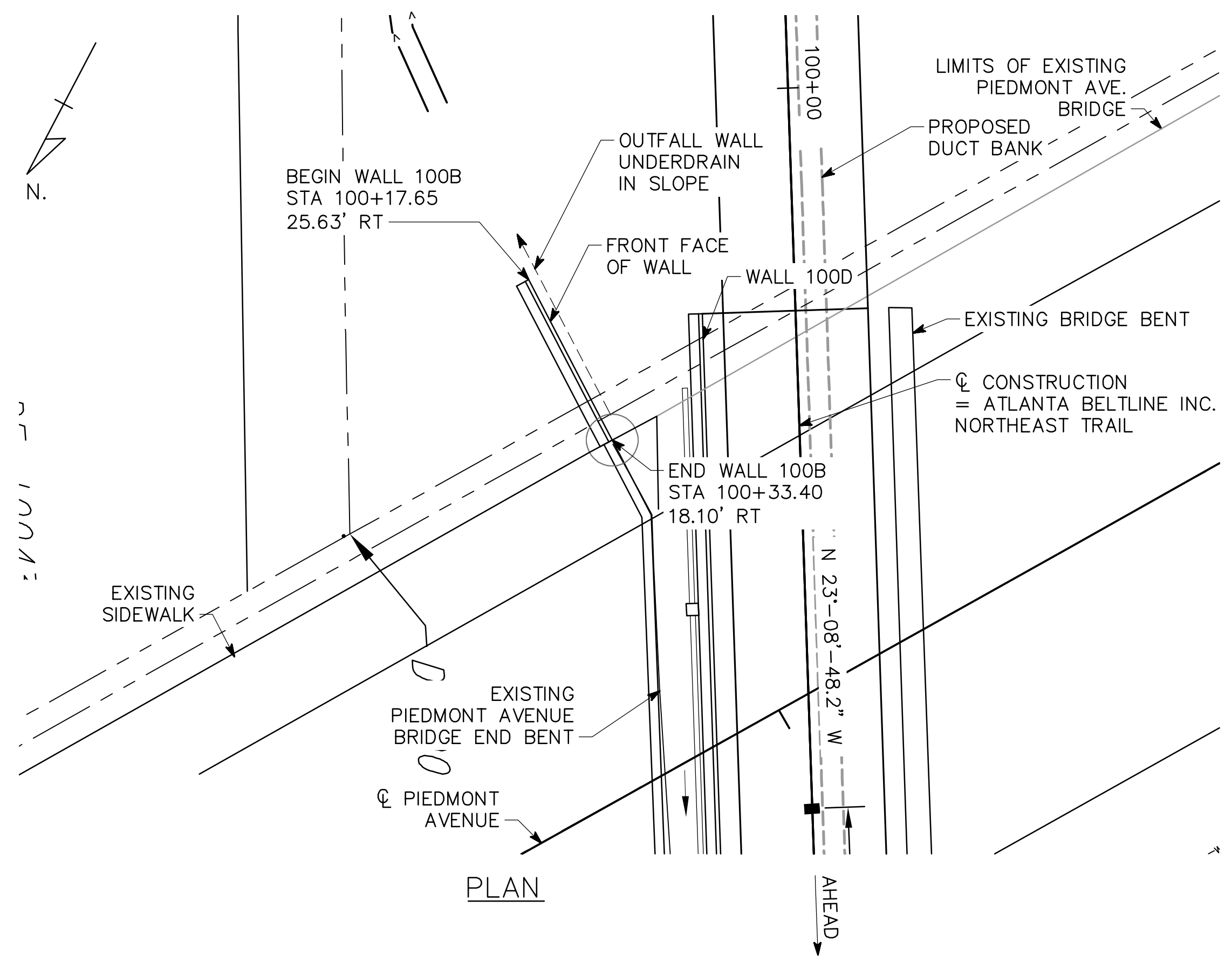
DESIGNED ASG CHECKED NMC REVIEWED
DRAWN BMR DESIGN GROUP APPROVED



10/22/2021

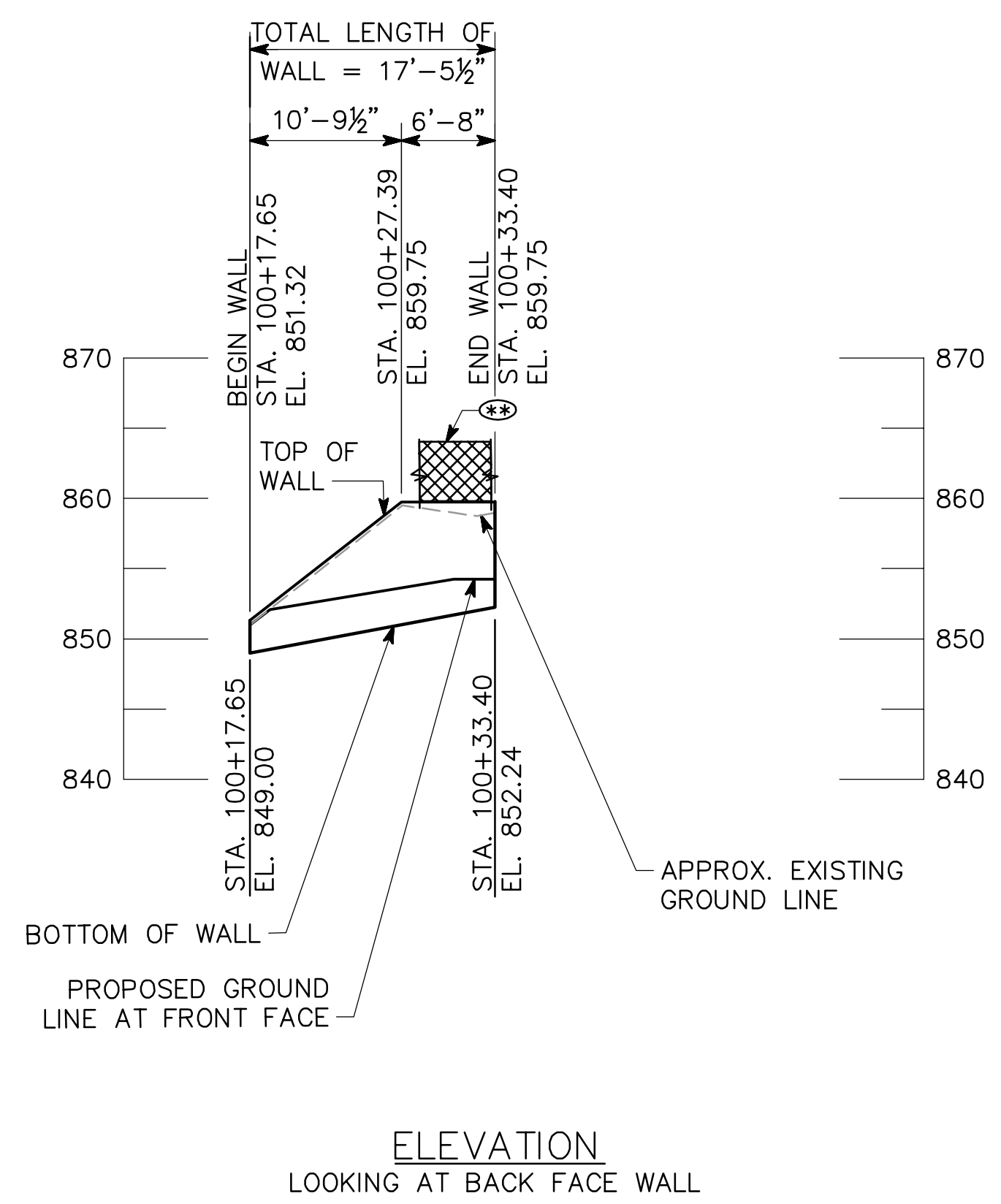
DATE	REVISIONS	BY

DRAWING NO. 32-0002
WALL SHEET 2 OF 18



EVCS: 100+10.00	BVCS: 101+35.00
EYCE: 846.84	BVCE: 846.35
-0.3929%	

VERTICAL CURVE DATA



NOTES

1. STATIONS ARE MEASURED ALONG CL CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL.
 2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL AND INCLUDE GRANITE VENEER.
 3. FOR WALL NOTES, DESIGN DATA, AND SUMMARY OF QUANTITIES, SEE "GENERAL NOTES".
 4. FOR TYPICAL SECTIONS AND DETAILS, SEE "WALL DETAILS".
 5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
 6. GRANITE VENEER NOT SHOWN FOR CLARITY, SEE 38 SERIES.
 7. (SR) INDICATES 42" METAL SAFETY RAIL.
- ARC - ARC DIMENSION



REVISIONS	DATE

WALL NO. 100B

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ATLANTA BELTLINE

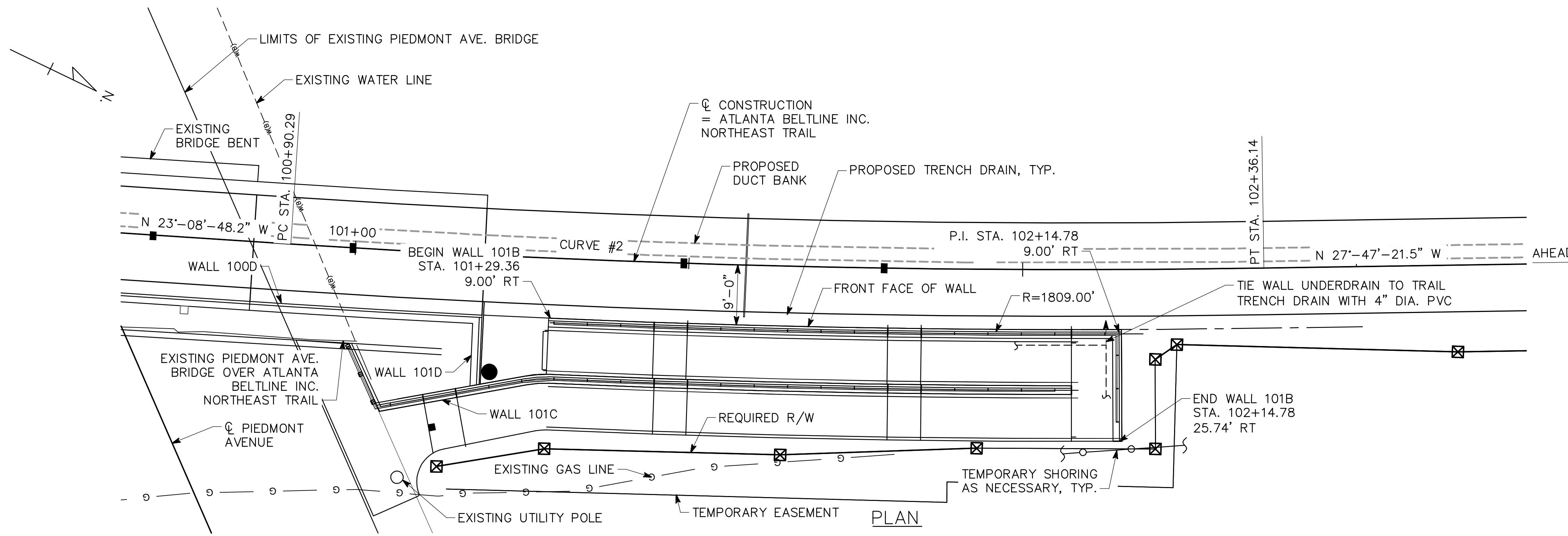
PLAN AND ELEVATION
WALL NO. 100B (PERMANENTLY ANCHORED)
ATLANTA BELTLINE NORTHEAST TRAIL
FULTON COUNTY

SCALE: 1" = 10'-0" OCTOBER 2021

DESIGNED: ASG	CHECKED: NMC	REVIEWED:
DRAWN: ASG	DESIGN GROUP:	APPROVED:

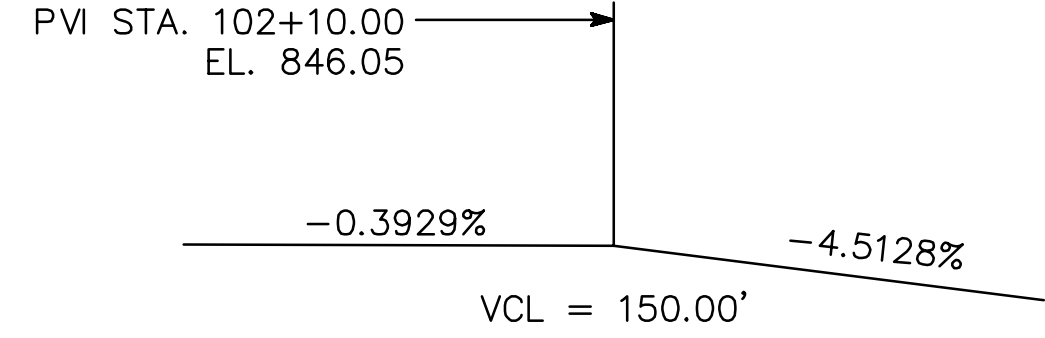
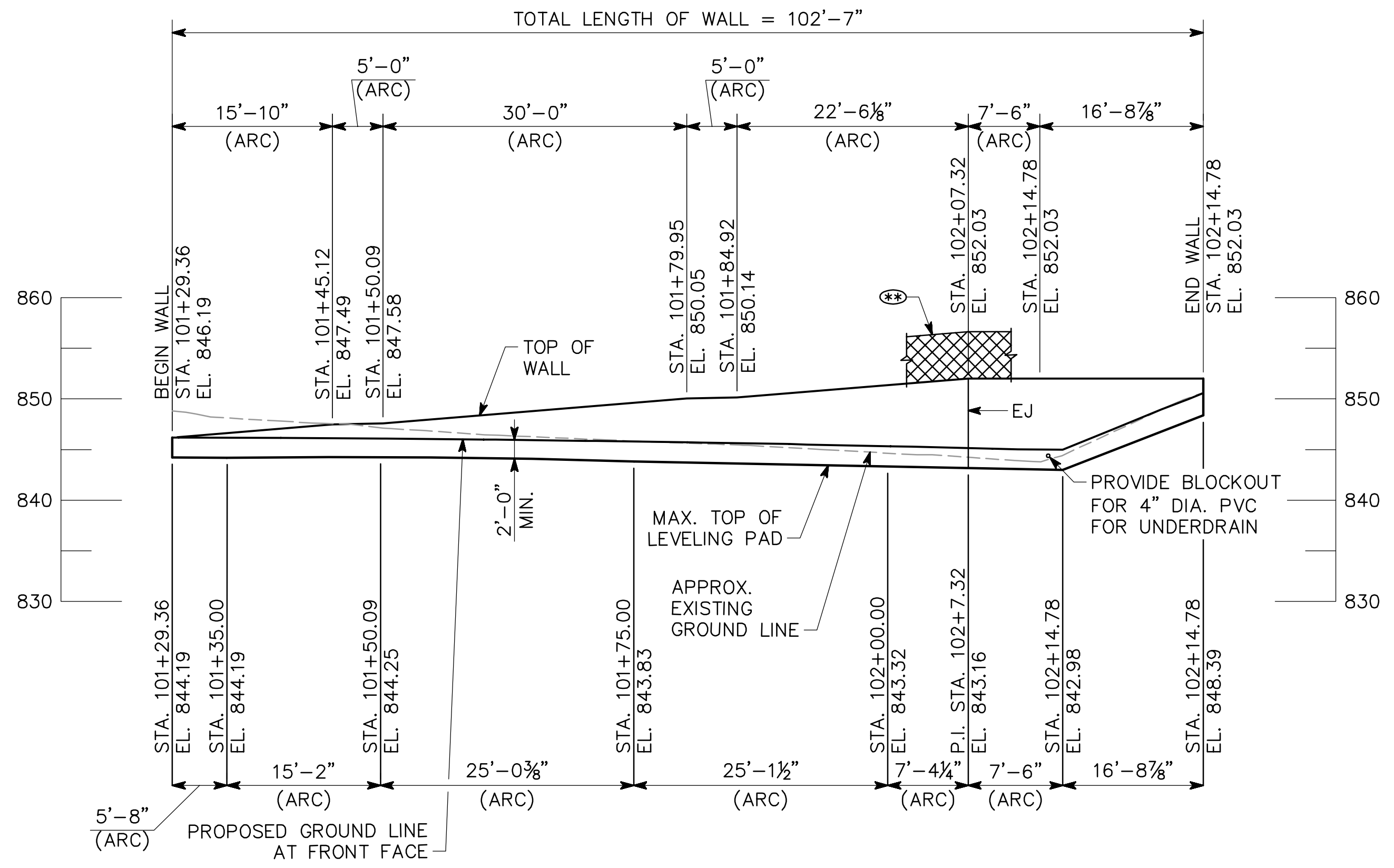
DRAWING NO. 32-0003
WALL SHEET 3 OF 18

DATE: Oct 22, 2021 TIME: 12:49pm USER: kelly.glynn



CURVE # 2 (C CONSTRUCTION)
 PI STA. = 101+63.25
 N = 1380705.70
 E = 2234522.98
 DELTA = 4'-38'-33"
 D = 3'-10'-59.16"
 T = 72.97 FT
 L = 145.85 FT
 R = 1800.00 FT
 E = 1.48 FT

HORIZONTAL CURVE DATA



VERTICAL CURVE DATA

- NOTES**
- STATIONS ARE MEASURED ALONG C CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL.
 - LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL AND INCLUDE GRANITE VENEER.
 - PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
 - FOR WALL NOTES, DESIGN DATA, AND SUMMARY OF QUANTITIES, SEE "GENERAL NOTES".
 - FOR TYPICAL SECTIONS AND DETAILS, SEE "WALL DETAILS".
 - ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
 - GRANITE VENEER NOT SHOWN FOR CLARITY, SEE 38 SERIES.
 - EJ INDICATES EXPANSION JOINT IN WALL AND VENEER.
 - JOINT SPACINGS SHOWN ARE APPROXIMATE. EXACT LOCATIONS TO BE COORDINATED WITH STONE VENEER JOINT SPACING BY THE CONTRACTOR.
 - ⊗ INDICATES 42" METAL SAFETY RAIL.
- ARC - ARC DIMENSION

ELEVATION
 LOOKING AT BACK FACE WALL

WALL NO. 101B

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ATLANTA BELTLINE

PLAN AND ELEVATION
 WALL NO. 101B (MSE)
 ATLANTA BELTLINE NORTHEAST TRAIL
 FULTON COUNTY

SCALE: 1" = 10'-0" OCTOBER 2021



10/22/2021

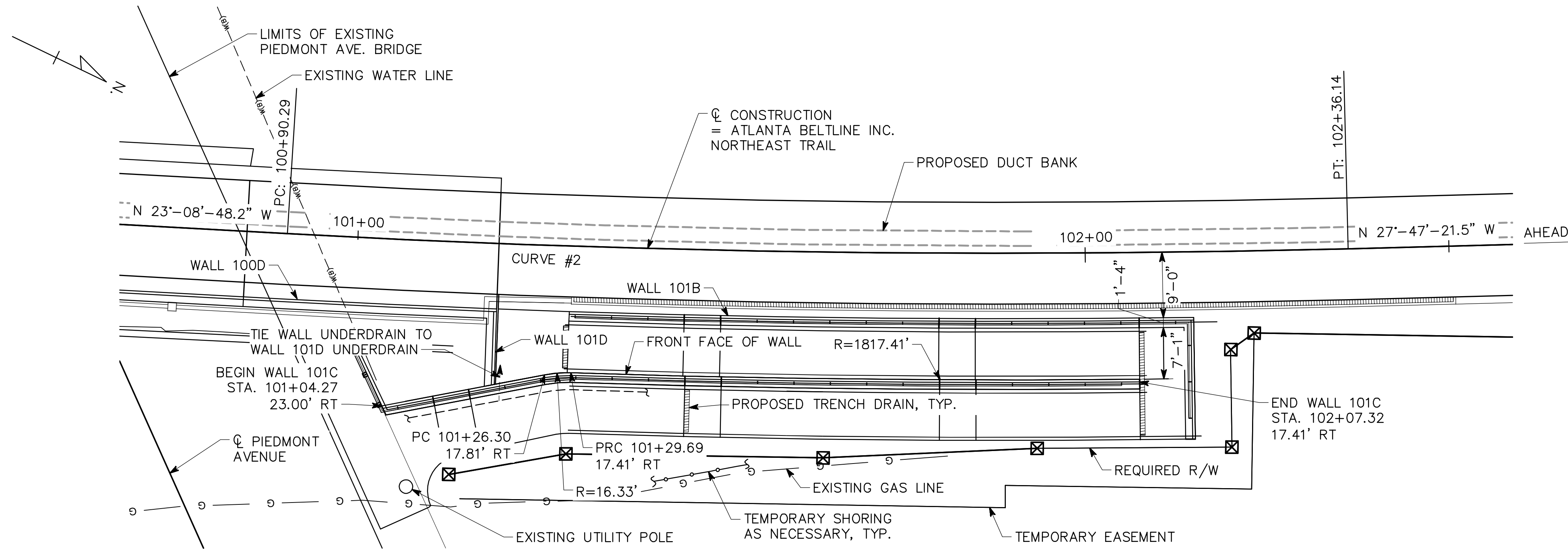
DATE	REVISIONS

DRAWING NO. 32-0005
WALL SHEET 5 OF 18

DESIGNED ASG	CHECKED NMC	REVIEWED
DRAWN DDL/JIK	DESIGN GROUP	APPROVED

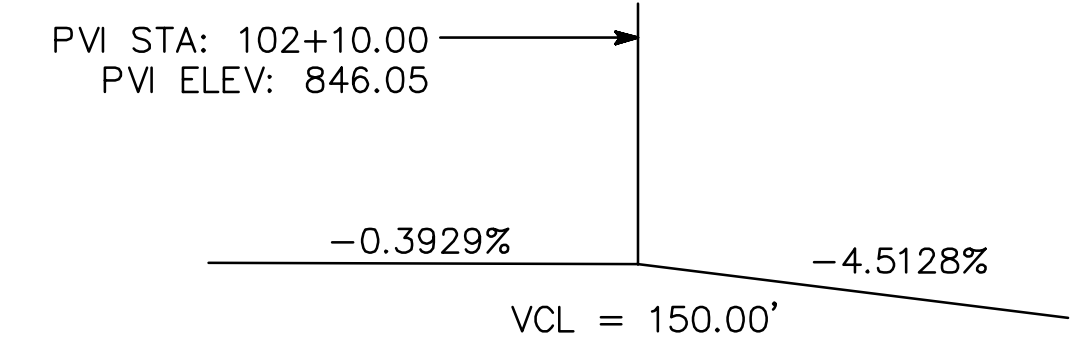
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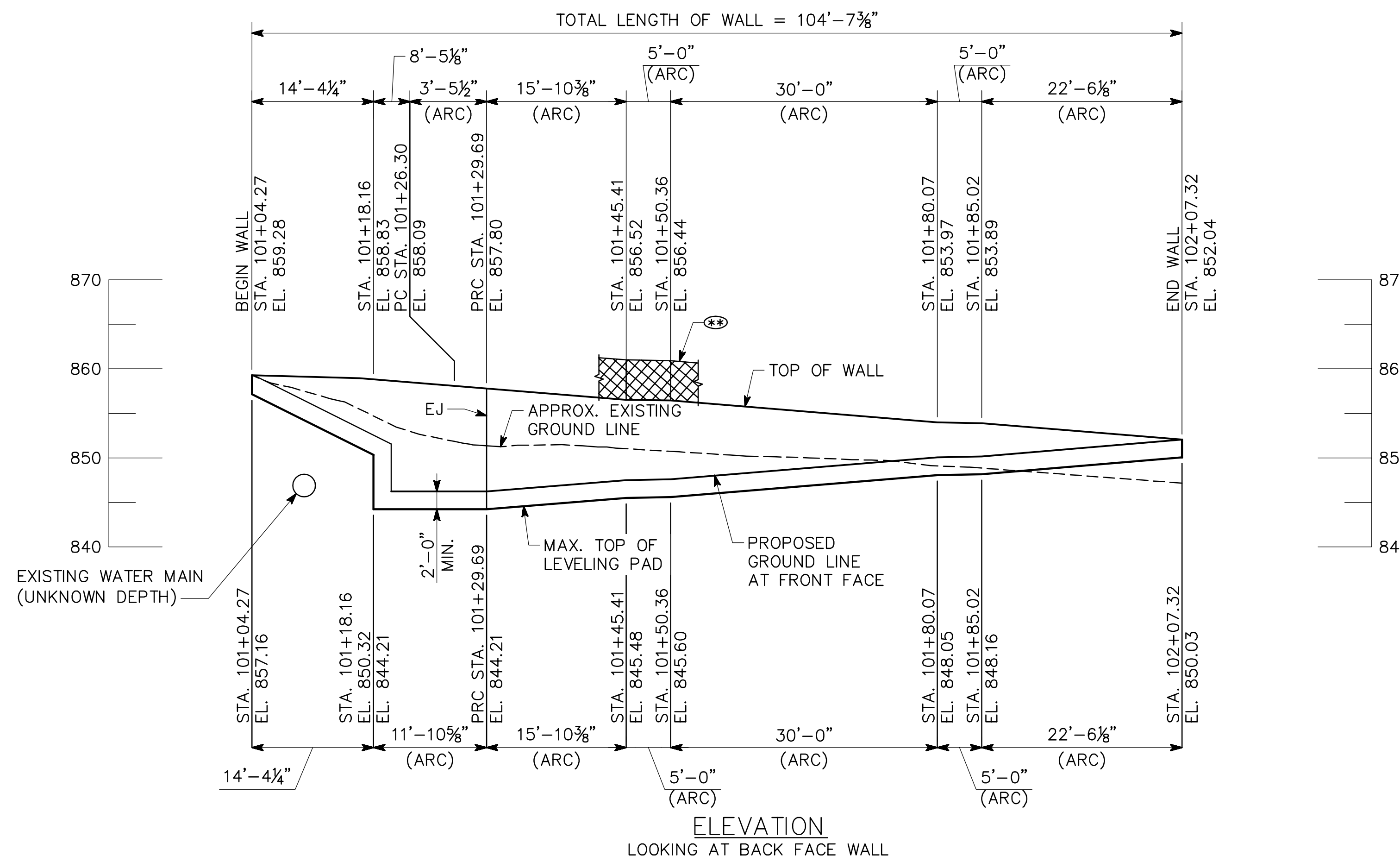


CURVE #2 (Q CONSTRUCTION)
PI STA. = 101+63.25
N = 1380705.70
E = 2234522.98
DELTA = 4°-38'-33"
D = 3'-10"-59.16"
T = 72.97 FT
L = 145.85 FT
R = 1800.00 FT
E = 1.48 FT

HORIZONTAL CURVE DATA



VERTICAL CURVE DATA



NOTES

- STATIONS ARE MEASURED ALONG Q CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL.
 - LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL AND INCLUDE GRANITE VENEER.
 - PROVIDE TEMPORARY SHORING AS NECESSARY FOR WALL CONSTRUCTION.
 - FOR WALL NOTES, DESIGN DATA, AND SUMMARY OF QUANTITIES, SEE "GENERAL NOTES".
 - FOR TYPICAL SECTIONS AND DETAILS, SEE "WALL DETAILS".
 - ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
 - GRANITE VENEER NOT SHOWN FOR CLARITY, SEE 38 SERIES.
 - EJ INDICATES EXPANSION JOINT IN WALL AND VENEER.
 - JOINT SPACINGS SHOWN ARE APPROXIMATE. EXACT LOCATIONS TO BE COORDINATED WITH STONE VENEER JOINT SPACING BY THE CONTRACTOR.
 - ⊗ INDICATES 42" METAL SAFETY RAIL.
- ARC - ARC DIMENSION



DATE	REVISIONS

WALL NO. 101C

Kimley»Horn

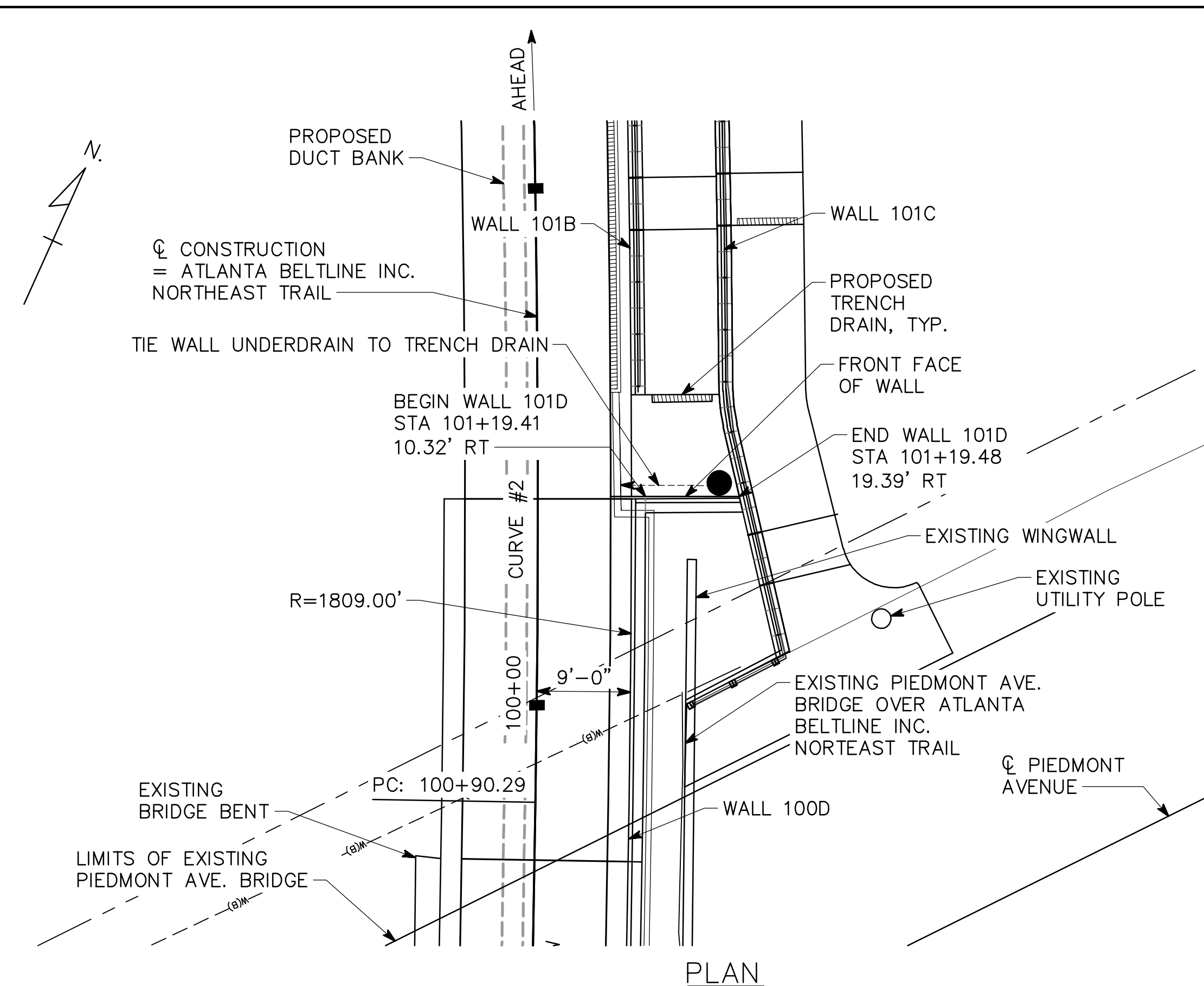
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ATLANTA BELTLINE

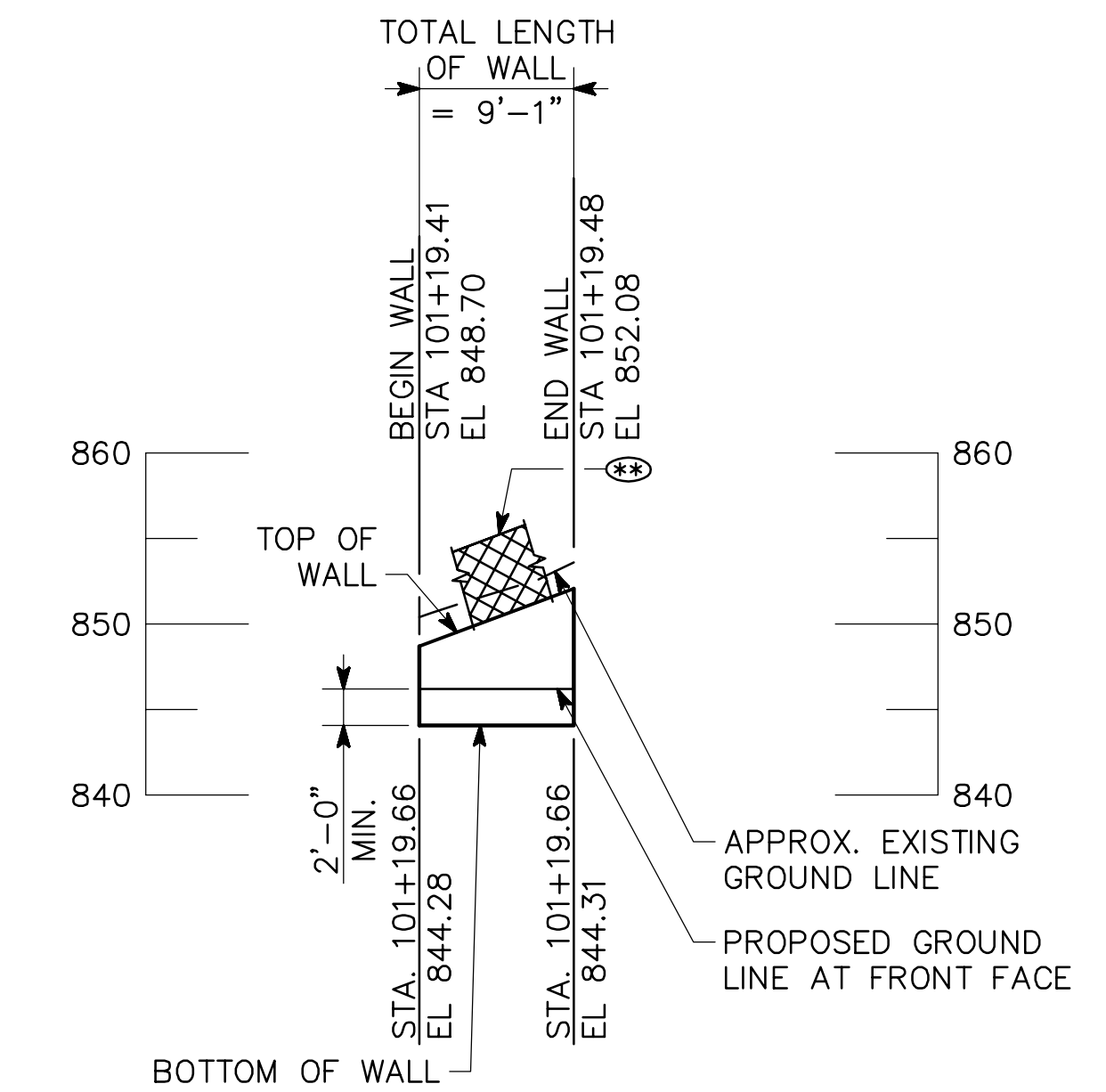
PLAN AND ELEVATION
WALL NO. 101C (MSE)
ATLANTA BELTLINE NORTHEAST TRAIL
FULTON COUNTY

SCALE: 1" = 10'-0" OCTOBER 2021

DESIGNED ASG CHECKED NMC REVIEWED
DRAWN DDL/JIK DESIGN GROUP APPROVED



PLAN



ELEVATION
LOOKING AT BACK FACE WALL

CURVE #2 (CL CONSTRUCTION)
 PI STA. = 101+63.25
 N = 1380705.70
 E = 2234522.98
 DELTA = 4°-38'-33"
 D = 3°-10'-59.16"
 T = 72.97 FT
 L = 145.85 FT
 R = 1800.00 FT
 E = 1.48 FT

HORIZONTAL CURVE DATA



VERTICAL CURVE DATA

NOTES

1. STATIONS ARE MEASURED ALONG CL CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL AND INCLUDE GRANITE VENEER.
3. FOR WALL NOTES, DESIGN DATA, AND SUMMARY OF QUANTITIES, SEE "GENERAL NOTES".
4. FOR TYPICAL SECTIONS AND DETAILS, SEE "WALL DETAILS".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. GRANITE VENEER NOT SHOWN FOR CLARITY, SEE 38 SERIES.
7. (⊗) INDICATES 42" METAL SAFETY RAIL.

WALL NO. 101D

Kimley»Horn

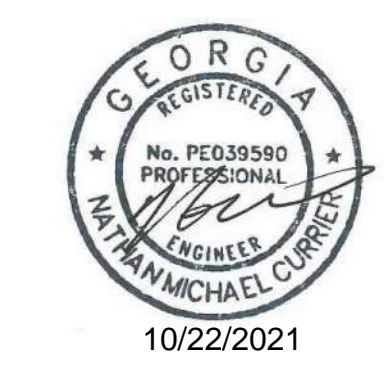
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ATLANTA BELTLINE

PLAN AND ELEVATION
 WALL NO. 101D (PERMANENTLY ANCHORED)
 ATLANTA BELTLINE NORTEAST TRAIL
 FULTON COUNTY

SCALE: 1" = 10'-0" OCTOBER 2021

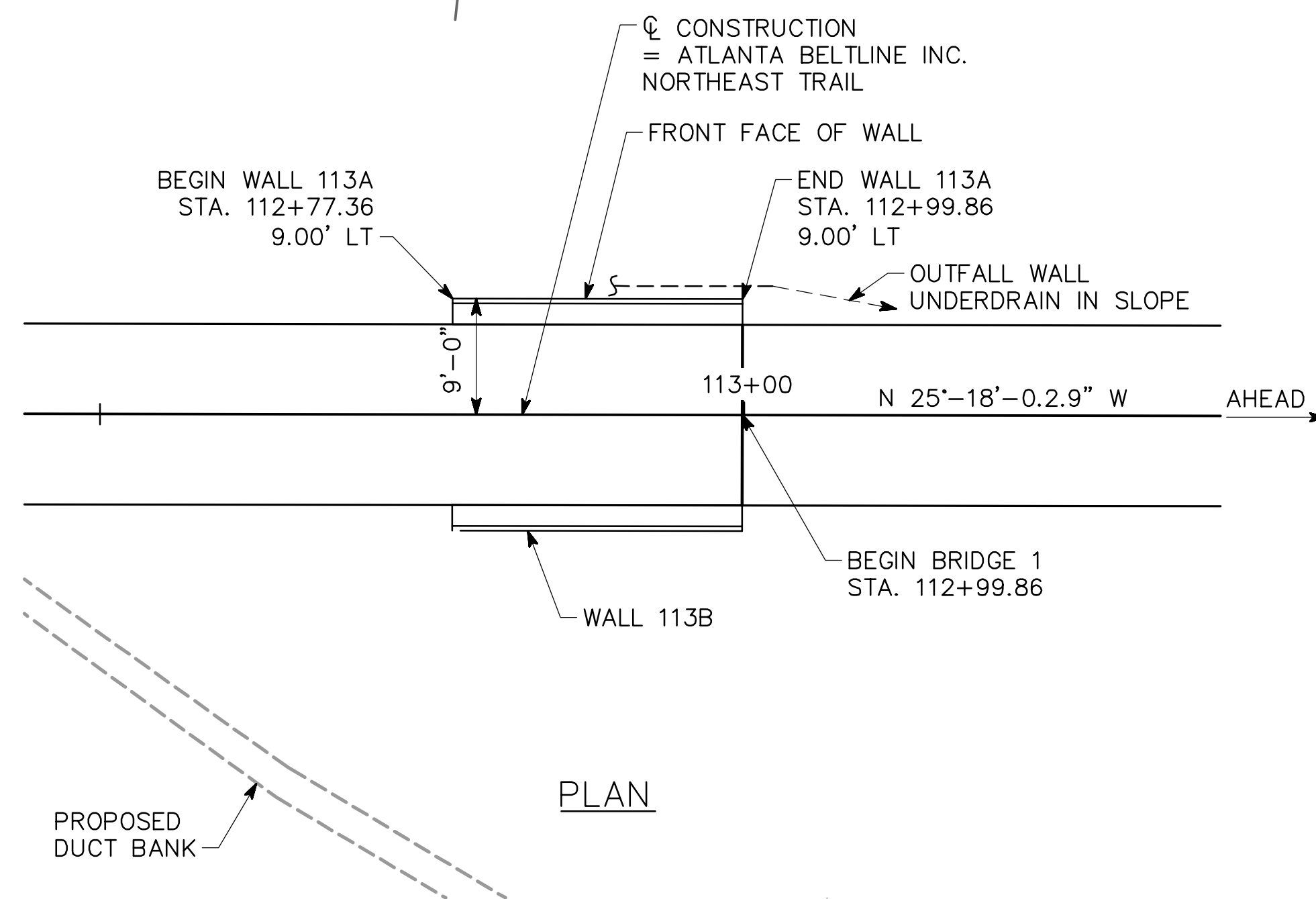
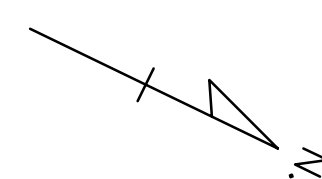
DESIGNED ASG CHECKED NMC REVIEWED
 DRAWN ASG DESIGN GROUP APPROVED



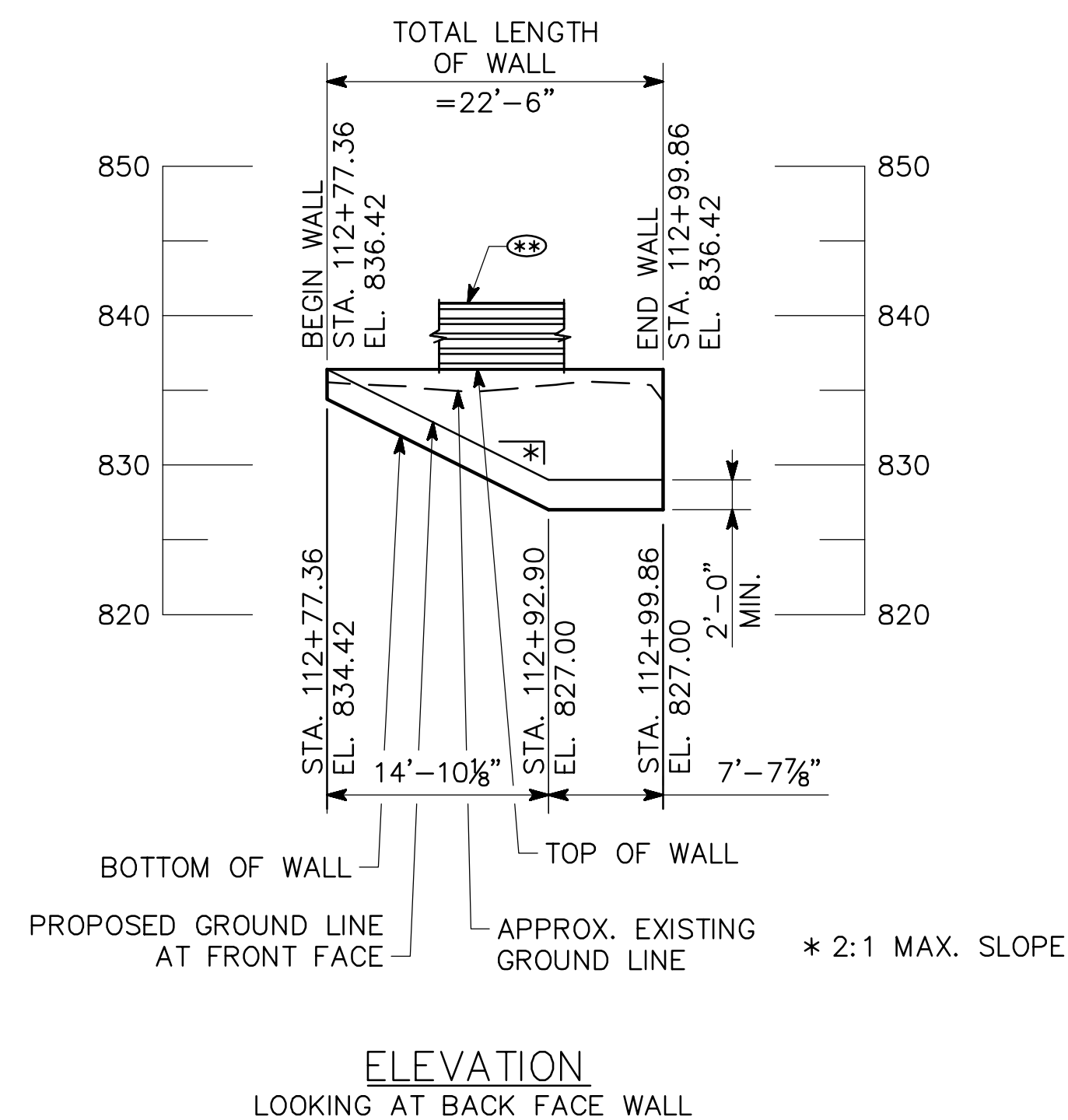
REVISIONS	DATE

DRAWING NO. 32-0007
WALL SHEET 7 OF 18

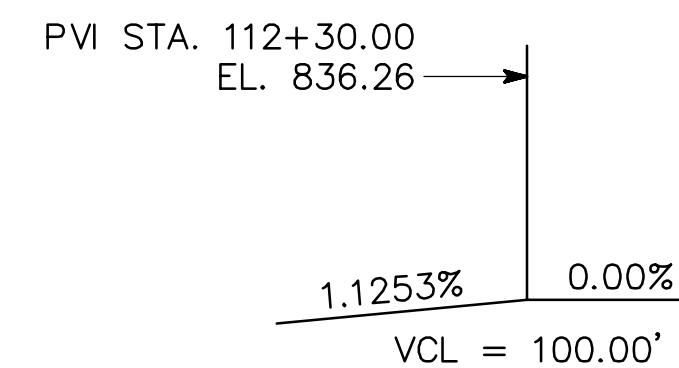
DATE: Oct 21, 2021 TIME: 4:05pm USER: kelleysglynn



PLAN



ELEVATION
LOOKING AT BACK FACE WALL



VERTICAL CURVE DATA

NOTES

1. STATIONS ARE MEASURED ALONG \hat{C} CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL AND INCLUDE GRANITE VENEER.
3. FOR WALL NOTES, DESIGN DATA, AND SUMMARY OF QUANTITIES, SEE "GENERAL NOTES".
4. FOR TYPICAL SECTIONS AND DETAILS, SEE "WALL DETAILS".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. GRANITE VENEER NOT SHOWN FOR CLARITY, SEE 38 SERIES.
7. ⊗ INDICATES 54" TIMBER SAFETY RAIL.

WALL NO. 113A

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ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. 113A (PERMANENTLY ANCHORED)
ATLANTA BELTLINE NORTHEAST TRAIL
FULTON COUNTY

SCALE: 1" = 10'-0" OCTOBER 2021

DESIGNED ASG CHECKED NMC REVIEWED
DRAWN DDL/JIK DESIGN GROUP APPROVED



REVISIONS	DATE

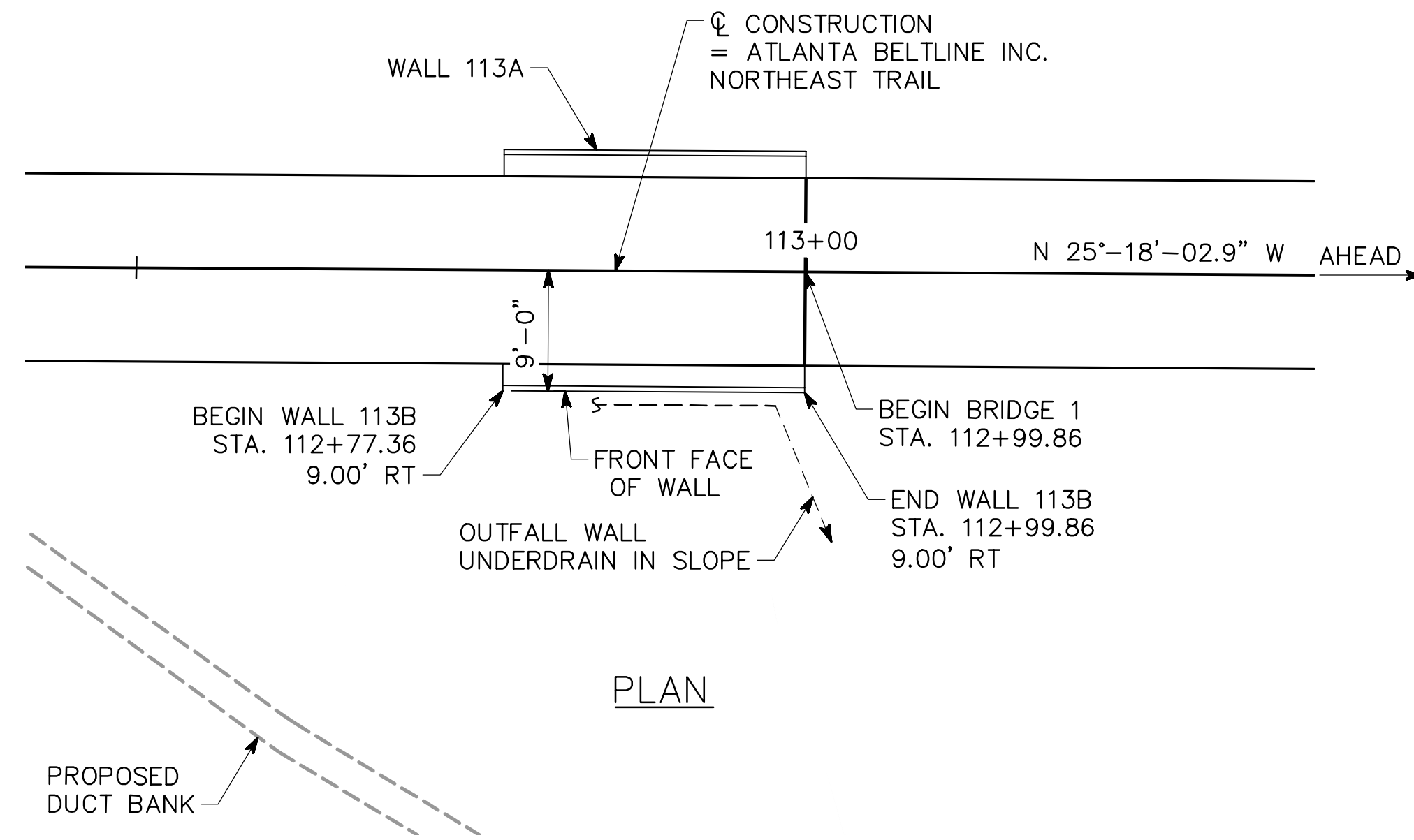
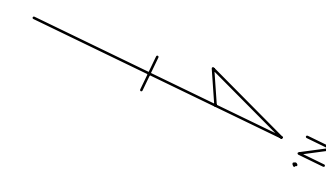
DRAWING NO.
32-0008
WALL SHEET
8 OF 18

1 INCH WHEN PRINTED FULL SIZE

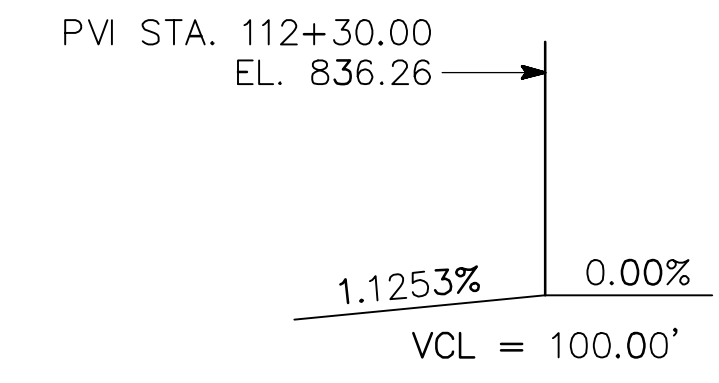
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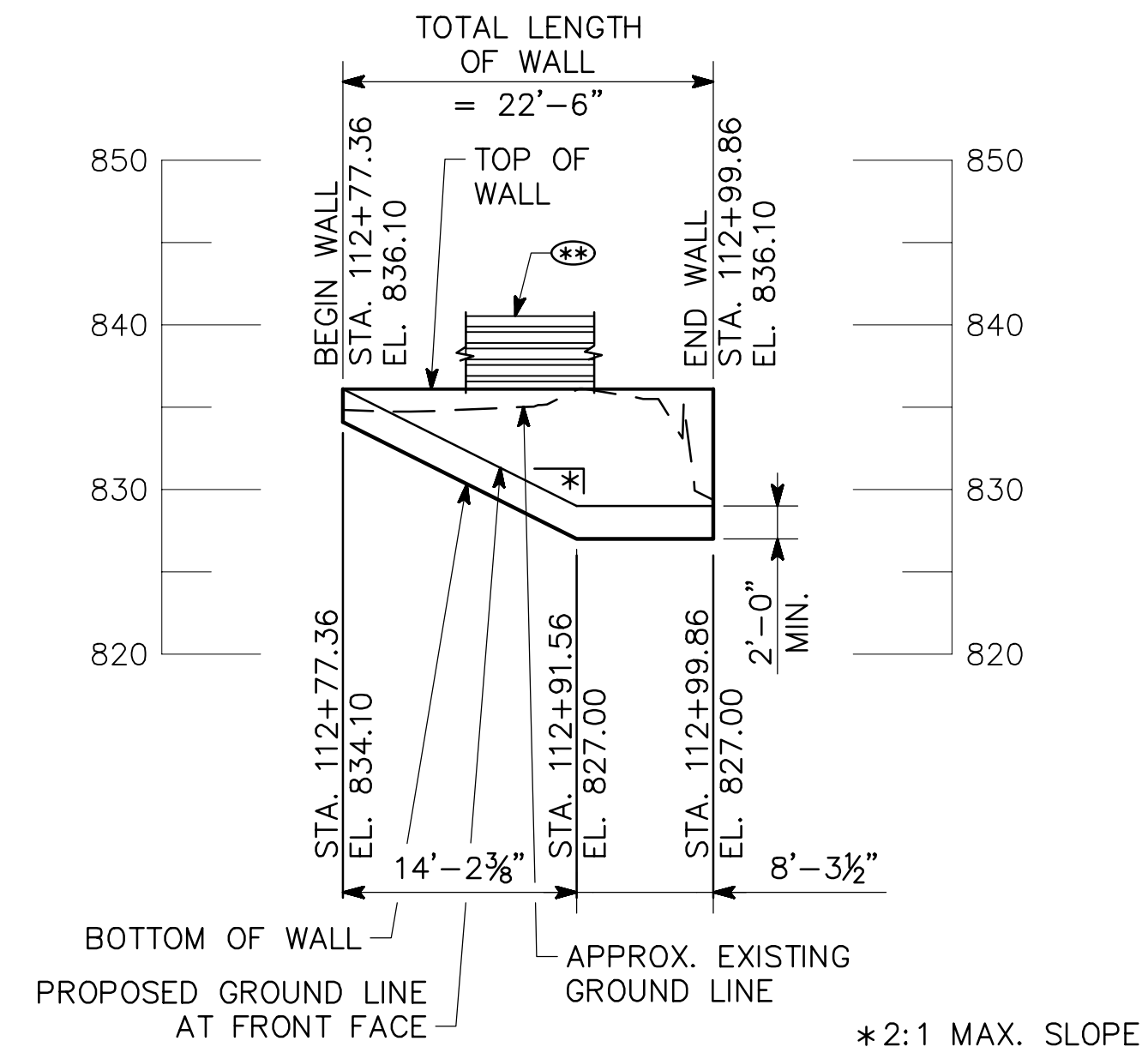


PLAN



VERTICAL CURVE DATA

PROPOSED DUCT BANK



ELEVATION
LOOKING AT FRONT FACE WALL

NOTES

1. STATIONS ARE MEASURED ALONG CL CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL AND INCLUDE GRANITE VENEER.
3. FOR WALL NOTES, DESIGN DATA, AND SUMMARY OF QUANTITIES, SEE "GENERAL NOTES".
4. FOR TYPICAL SECTIONS AND DETAILS, SEE "WALL DETAILS".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. GRANITE VENEER NOT SHOWN FOR CLARITY, SEE 38 SERIES.
7. (⊕) INDICATES 54" TIMBER SAFETY RAIL.

WALL NO. 113B

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ATLANTA BELTLINE

PLAN AND ELEVATION
WALL NO. 113B (PERMANENTLY ANCHORED)
ATLANTA BELTLINE NORTHEAST TRAIL
FULTON COUNTY

SCALE: 1" = 10'-0" OCTOBER 2021

DESIGNED <u>ASG</u>	CHECKED <u>NMC</u>	REVIEWED
DRAWN <u>DDL/JIK</u>	DESIGN GROUP	APPROVED



10/22/2021

REVISIONS	DATE

DRAWING NO.
32-0009

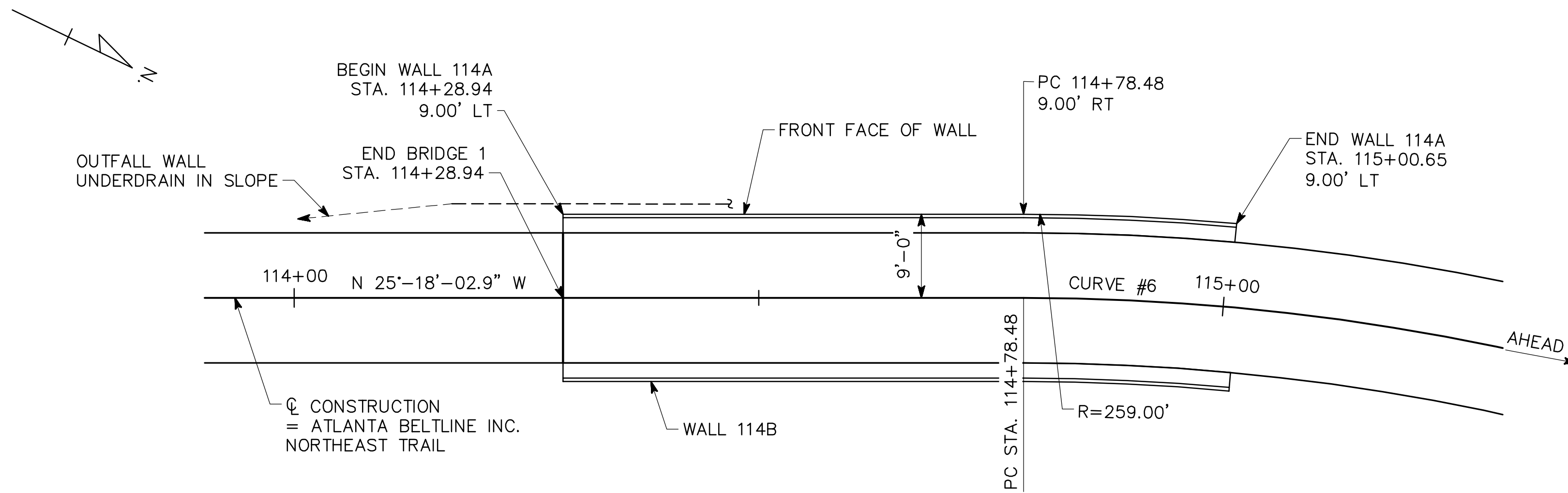
WALL SHEET
9 OF 18

1 INCH WHEN PRINTED FULL SIZE

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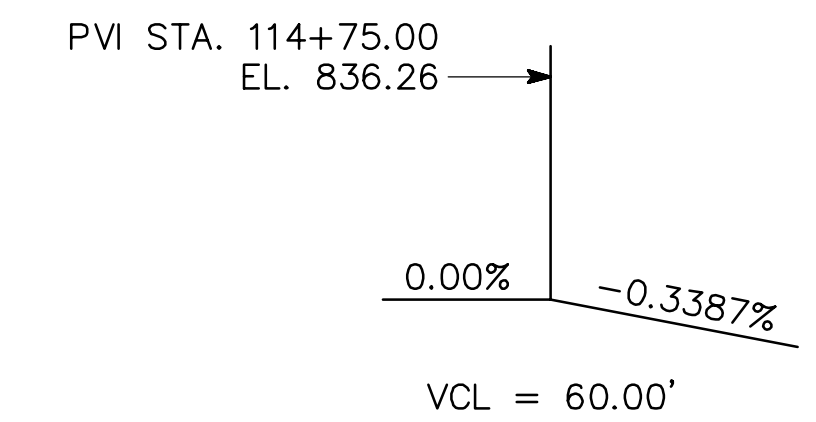
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USER: kelleighlynn



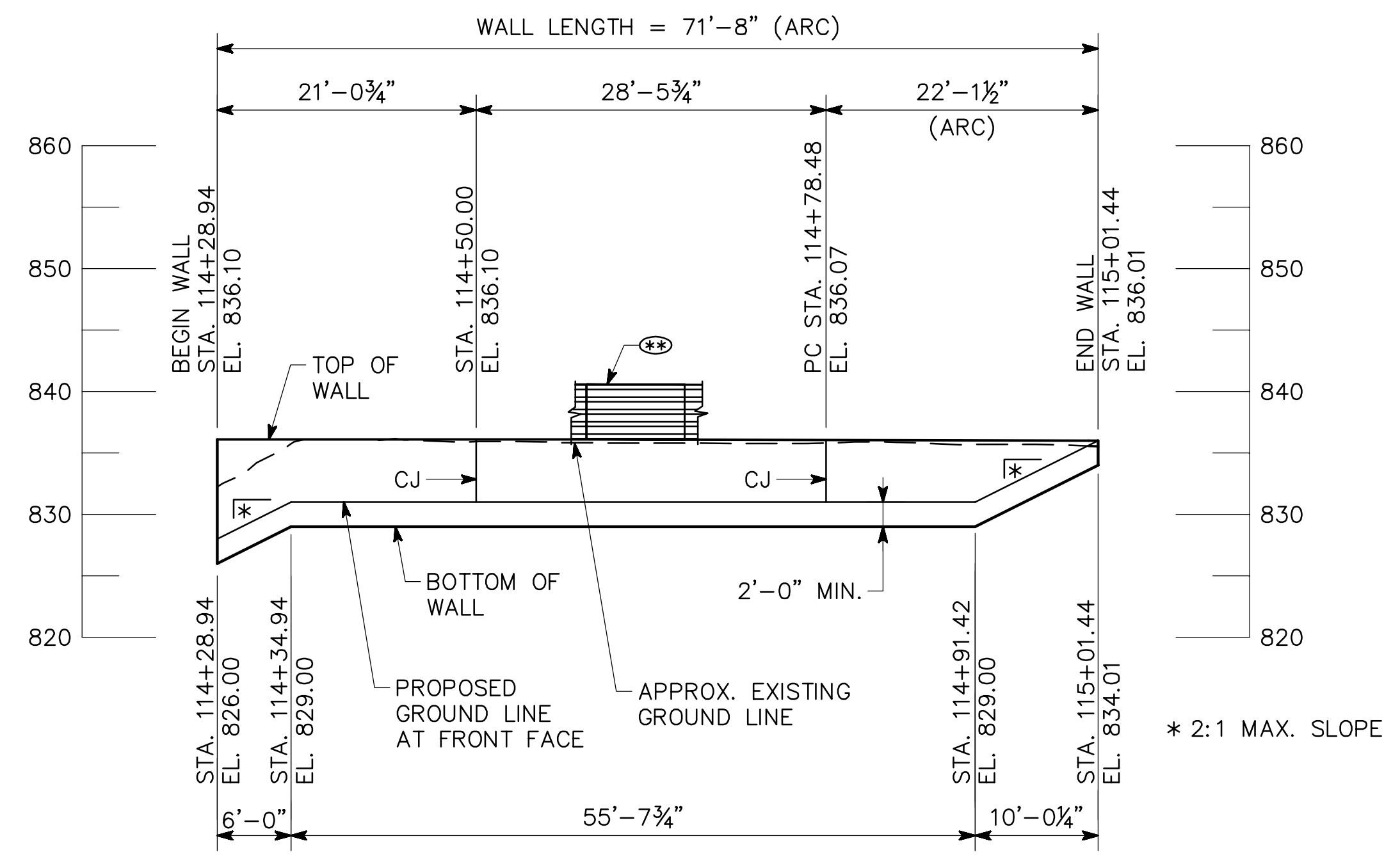
CURVE# 6 (C CONSTRUCTION)
 PI STA. = 115+21.68
 N = 1381921.32
 E = 2233922.15
 DELTA = 19°-36'-19"
 D = 22°-55'-05.92"
 T = 43.19 FT
 L = 85.54 FT
 R = 250.00 FT
 S.E. = 1.75%

HORIZONTAL CURVE DATA



VERTICAL CURVE DATA

PLAN



ELEVATION
 LOOKING AT FRONT FACE WALL

NOTES

1. STATIONS ARE MEASURED ALONG C CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL AND INCLUDE GRANITE VENEER.
3. FOR WALL NOTES, DESIGN DATA, AND SUMMARY OF QUANTITIES, SEE "GENERAL NOTES".
4. FOR TYPICAL SECTIONS AND DETAILS, SEE "WALL DETAILS".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. GRANITE VENEER NOT SHOWN FOR CLARITY, SEE 38 SERIES.
7. CJ INDICATES EXPANSION JOINT IN WALL AND VENEER.
8. JOINT SPACINGS SHOWN ARE APPROXIMATE. EXACT LOCATIONS TO BE COORDINATED WITH STONE VENEER JOINT SPACING BY THE CONTRACTOR.
9. (S) INDICATES 54" TIMBER SAFETY RAIL.

WALL NO. 114A

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ATLANTA BELTLINE

PLAN AND ELEVATION
 WALL NO. 114A (PERMANENTLY ANCHORED)
 ATLANTA BELTLINE NORTHEAST TRAIL
 FULTON COUNTY

SCALE: 1" = 10'-0" OCTOBER 2021

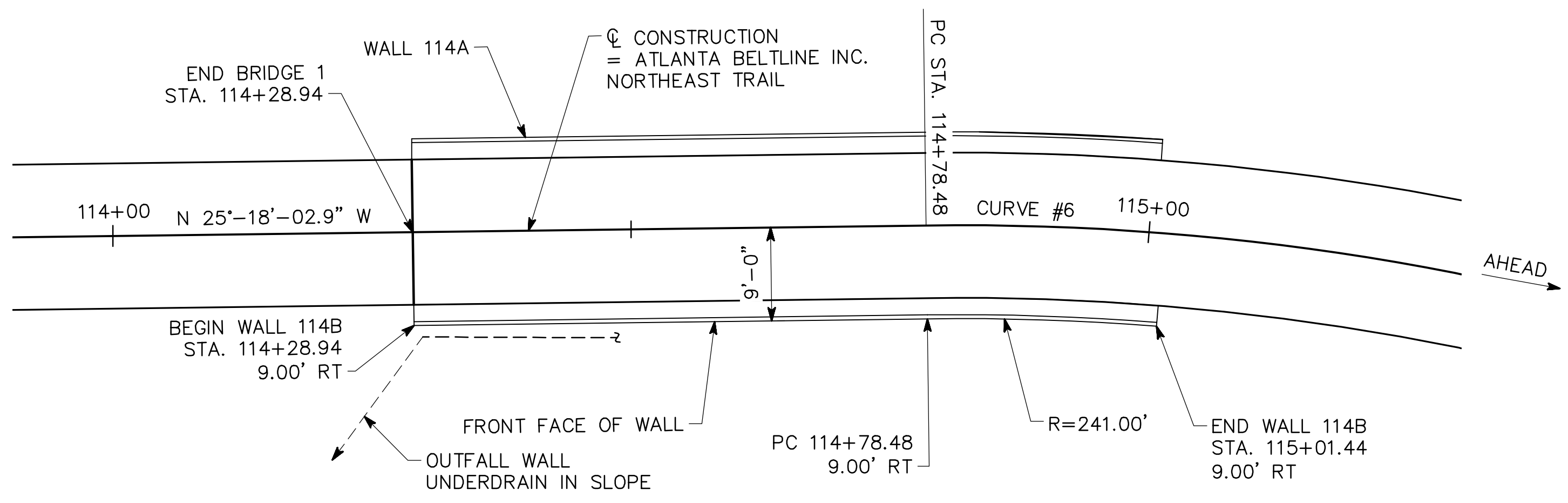
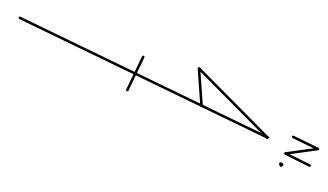


REVISIONS	DATE

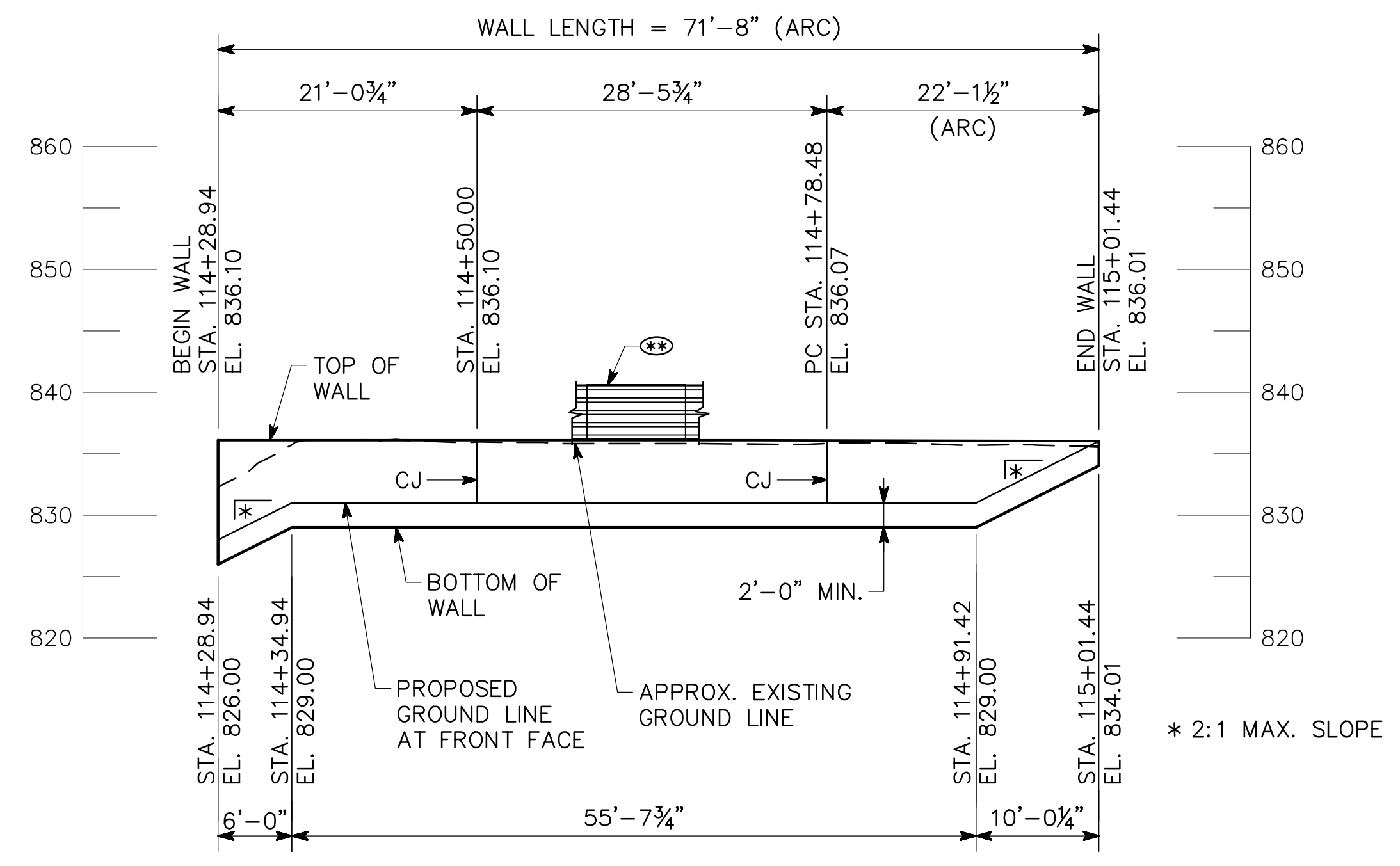
DRAWING NO. 32-0010	DESIGNED ASG	CHECKED NMC	REVIEWED
WALL SHEET 10 OF 18	DRAWN DDL/JIK	DESIGN GROUP	APPROVED

DATE: Oct 19, 2021 TIME: 11:48am

USER: kelly.glynn



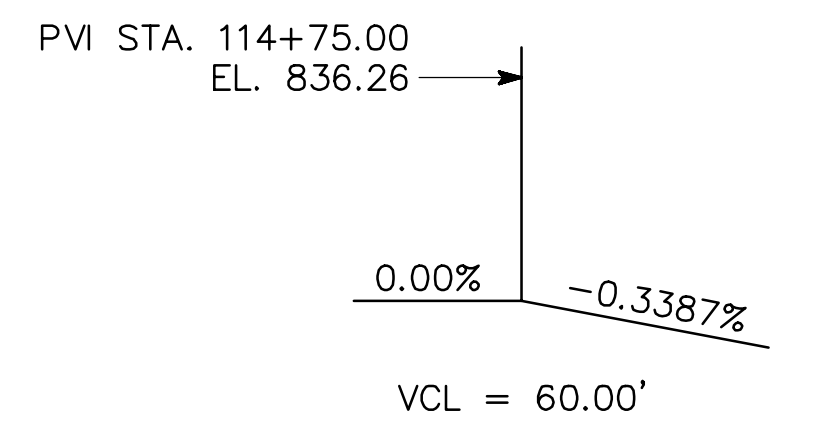
PLAN



ELEVATION
LOOKING AT FRONT FACE WALL

CURVE# 6 (Q CONSTRUCTION)
 PI STA. = 115+21.68
 N = 1381921.32
 E = 2233922.15
 DELTA = 19°-36'-19"
 D = 22°-55'-05.92"
 T = 43.19 FT
 L = 85.54 FT
 R = 250.00 FT
 S.E. = 1.75%

HORIZONTAL CURVE DATA



VERTICAL CURVE DATA

NOTES

1. STATIONS ARE MEASURED ALONG Q CONSTRUCTION. OFFSETS ARE MEASURED TO FRONT FACE OF WALL.
2. LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL AND INCLUDE GRANITE VENEER.
3. FOR WALL NOTES, DESIGN DATA, AND SUMMARY OF QUANTITIES, SEE "GENERAL NOTES".
4. FOR TYPICAL SECTIONS AND DETAILS, SEE "WALL DETAILS".
5. ELEVATIONS SHOWN ARE AT THE TOP OF CAPSTONE AT THE FRONT FACE OF WALL.
6. GRANITE VENEER NOT SHOWN FOR CLARITY, SEE 38 SERIES.
7. CJ INDICATES EXPANSION JOINT IN WALL AND VENEER.
8. JOINT SPACINGS SHOWN ARE APPROXIMATE. EXACT LOCATIONS TO BE COORDINATED WITH STONE VENEER JOINT SPACING BY THE CONTRACTOR.
9. (Symbol) INDICATES 54" TIMBER SAFETY RAIL.

WALL NO. 114B

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 ATLANTA, GEORGIA 30308
 PHONE (404) 419-8700

ATLANTA BELTLINE

PLAN AND ELEVATION
 WALL NO. 114B (PERMANENTLY ANCHORED)
 ATLANTA BELTLINE NORTHEAST TRAIL
 FULTON COUNTY

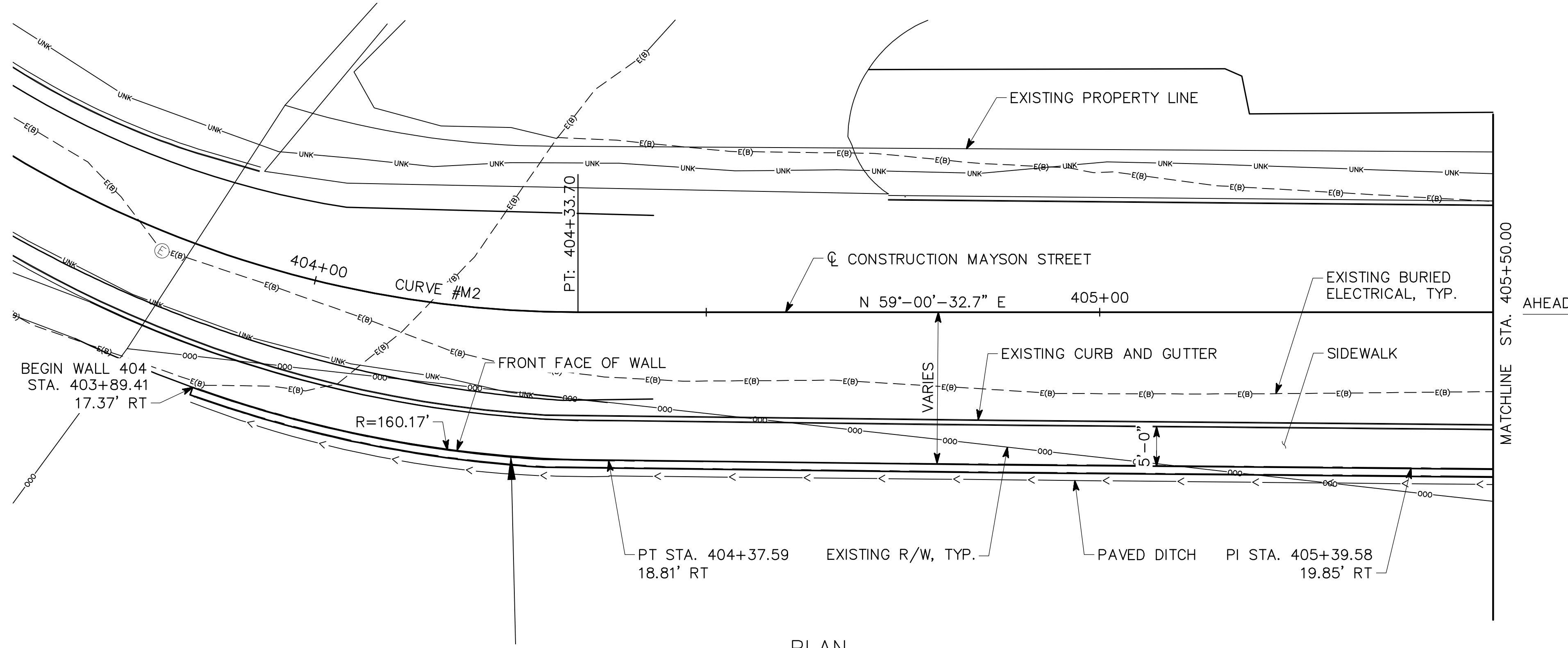
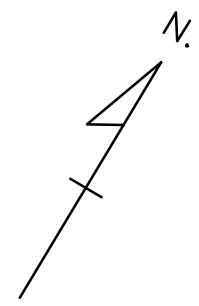
SCALE: 1" = 10'-0" OCTOBER 2021



REVISIONS	DATE

DRAWING NO. 32-0011	DESIGNED ASG	CHECKED NMC	REVIEWED
WALL SHEET 11 OF 18	DRAWN DDL/JIK	DESIGN GROUP	APPROVED

DATE: Oct 19, 2021 TIME: 8:45am USER: kelly.glynn



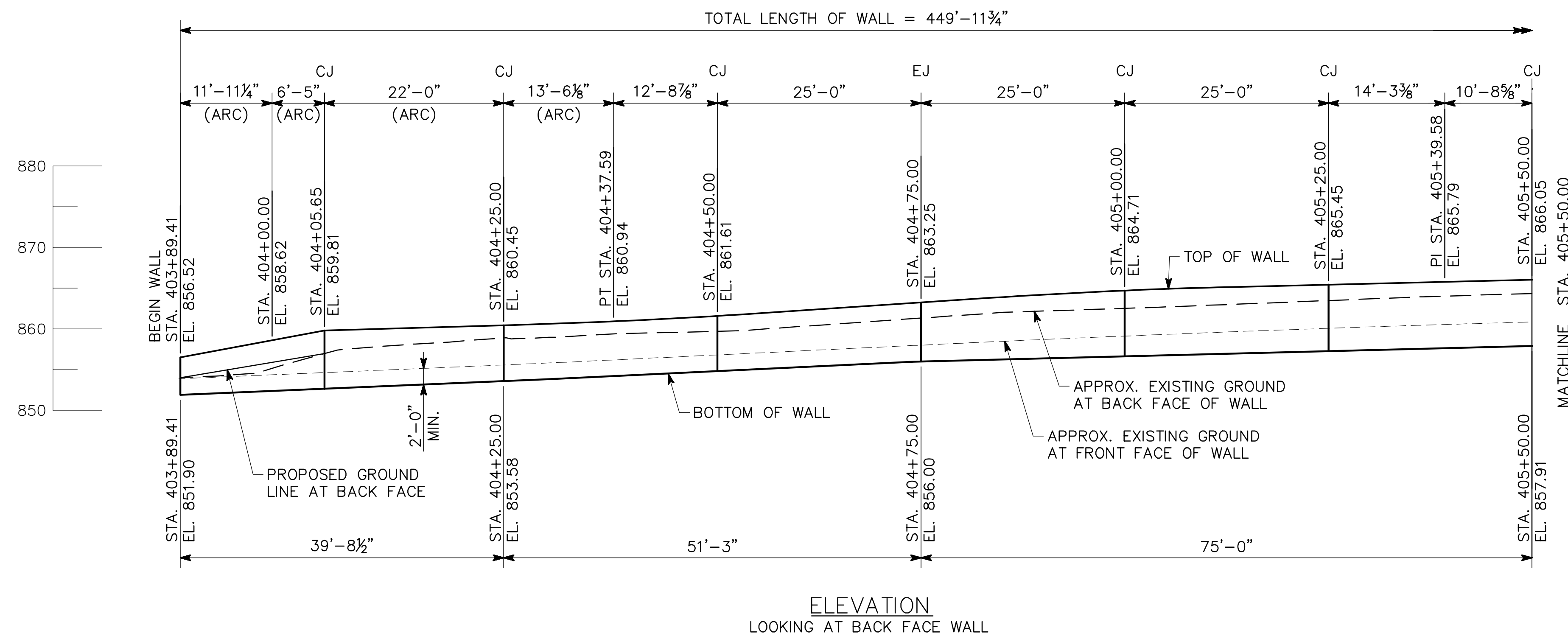
CURVE #M2 (MAYSON STREET)
 PI STA. = 403+80.67
 N = 1385836.69
 E = 2232641.87
 DELTA = 46°-03'-26"
 T = 59.51 FT
 L = 112.54 FT
 R = 140.00 FT
 S.E. = EXISTING

HORIZONTAL CURVE DATA
 MAYSON STREET

PLAN

NOTES

- STATIONS ARE MEASURED ALONG ϕ CONSTRUCTION MAYSON STREET. OFFSETS ARE MEASURED TO FRONT FACE OF WALL.
 - LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
 - FOR EXISTING MAYSON STREET PROFILE, SEE "CROSS ROAD PROFILE", SHEET 16-001.
 - FOR WALL NOTES, DESIGN DATA, AND SUMMARY OF QUANTITIES, SEE "GENERAL NOTES."
 - FOR TYPICAL SECTIONS AND DETAILS, SEE "WALL DETAILS."
 - ELEVATIONS SHOWN ARE AT THE TOP OF WALL AT THE FRONT FACE OF WALL.
 - EJ INDICATES EXPANSION JOINT IN WALL.
 - CJ INDICATES CONTROL JOINT IN WALL.
- ARC - ARC DIMENSION



ELEVATION
 LOOKING AT BACK FACE WALL



10/22/2021

REVISIONS	DATE

WALL NO. 404

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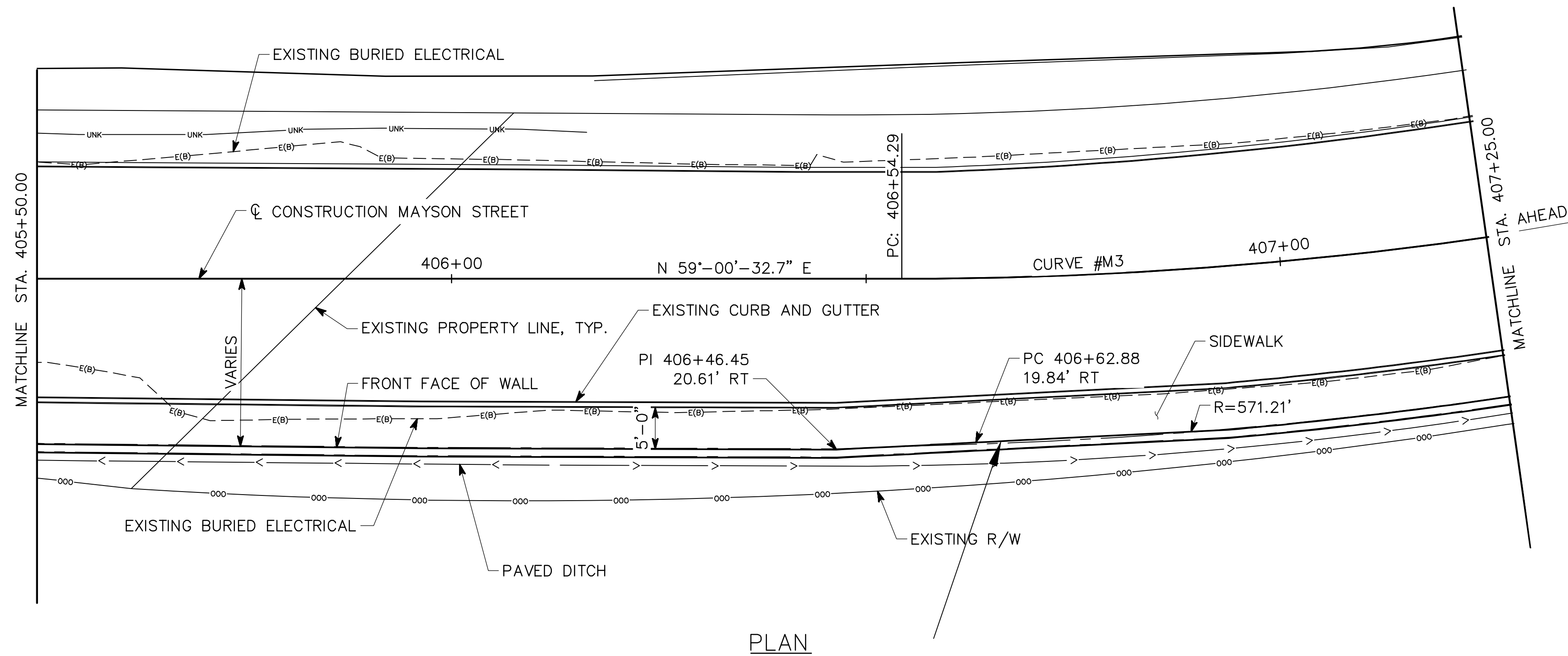
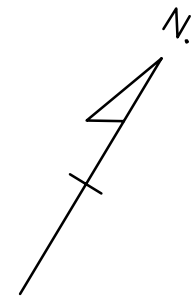
ATLANTA BELTLINE

PLAN AND ELEVATION
 WALL NO. 404 (1 OF 3) (PERM. ANCHORED)
 ATLANTA BELTLINE NORTHEAST TRAIL
 FULTON COUNTY

SCALE: 1" = 10'-0" OCTOBER 2021

DESIGNED <u>ASG</u>	CHECKED <u>NMC</u>	REVIEWED
DRAWN <u>KAG</u>	DESIGN GROUP	APPROVED

DATE: Oct 19, 2021 TIME: 8:47am USER: kelly.glynn

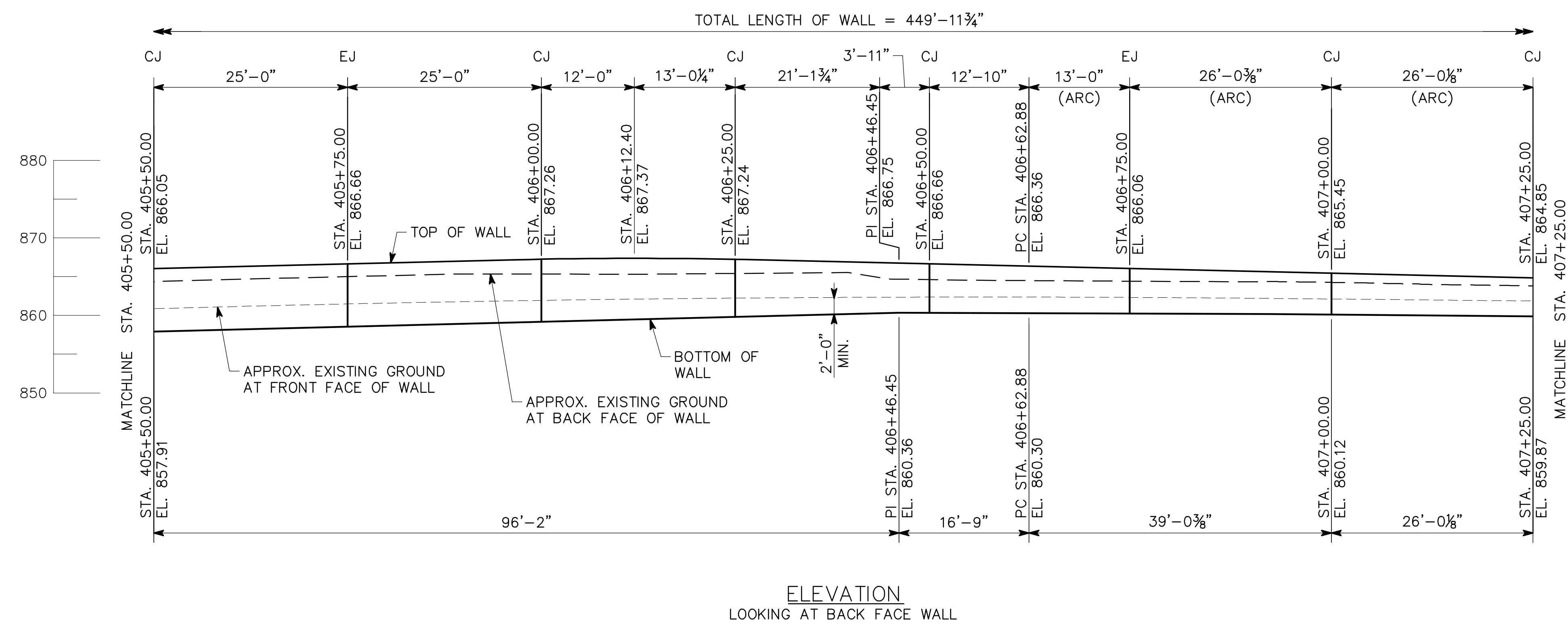


CURVE #M3 (MAYSON STREET)
 PI STA. = 407+38.70
 N = 1386024.37
 E = 2232954.35
 DELTA = 19°-09'-53"
 T = 84.41 FT
 L = 167.24 FT
 R = 500.00 FT
 S.E. = EXISTING

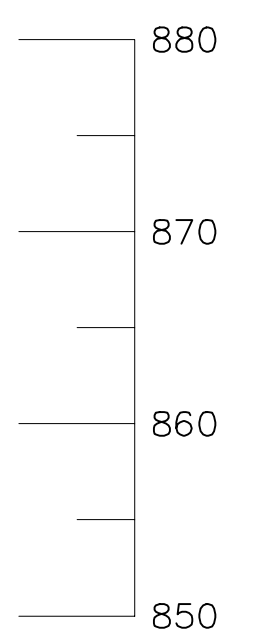
HORIZONTAL CURVE DATA
 MAYSON STREET

NOTES

- STATIONS ARE MEASURED ALONG ϕ CONSTRUCTION MAYSON STREET. OFFSETS ARE MEASURED TO FRONT FACE OF WALL.
 - LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
 - FOR EXISTING MAYSON STREET PROFILE, SEE "CROSS ROAD PROFILE", SHEET 16-001.
 - FOR WALL NOTES, DESIGN DATA, AND SUMMARY OF QUANTITIES, SEE "GENERAL NOTES."
 - FOR TYPICAL SECTIONS AND DETAILS, SEE "WALL DETAILS."
 - ELEVATIONS SHOWN ARE AT THE TOP OF WALL AT THE FRONT FACE OF WALL.
 - EJ INDICATES EXPANSION JOINT IN WALL.
 - CJ INDICATES CONTROL JOINT IN WALL.
- ARC - ARC DIMENSION



ELEVATION
 LOOKING AT BACK FACE WALL



10/22/2021

REVISIONS	DATE

WALL NO. 404

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ATLANTA BELTLINE

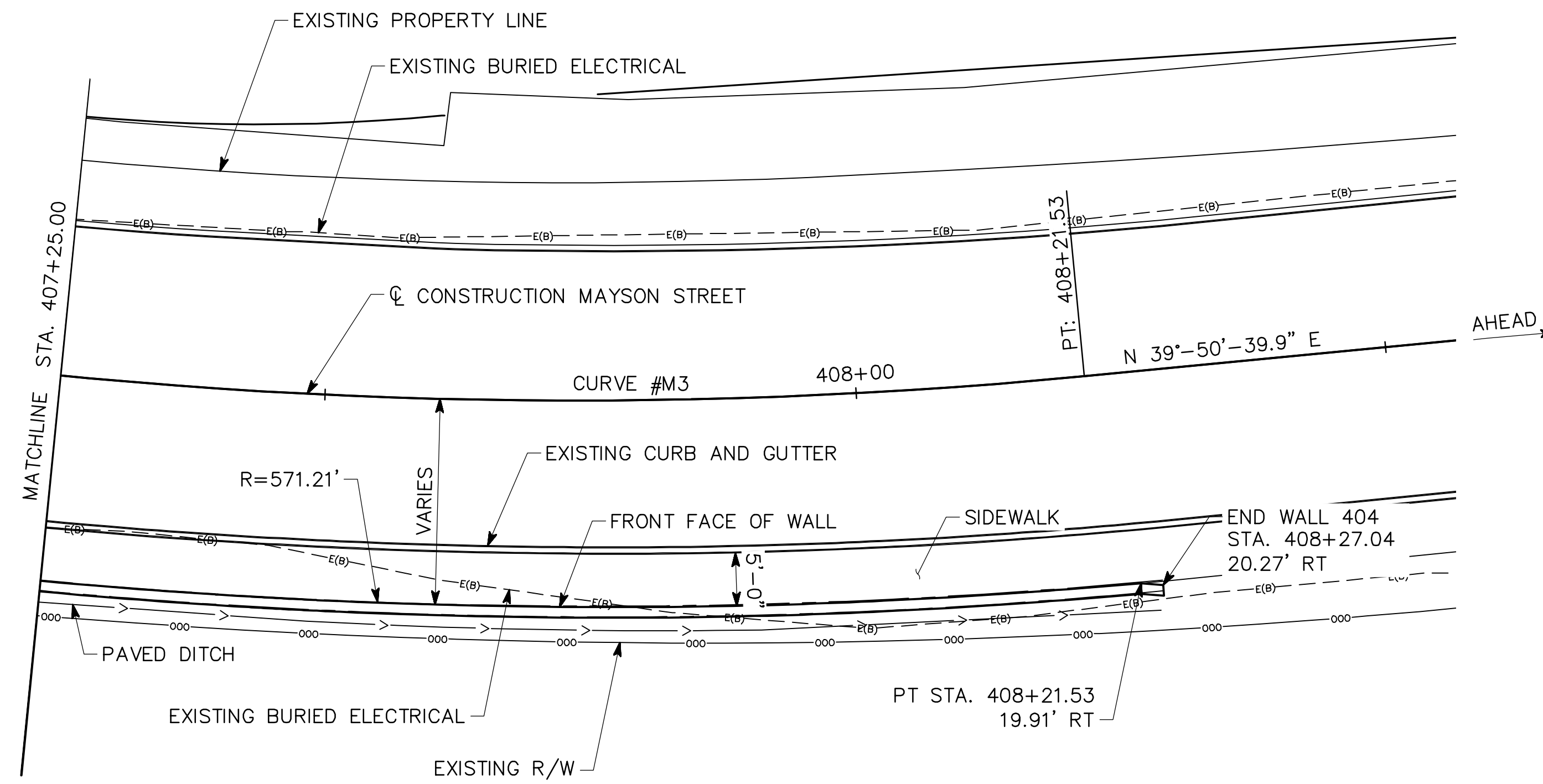
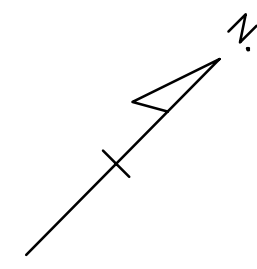
PLAN AND ELEVATION
 WALL NO. 404 (2 OF 3) (PERM. ANCHORED)
 ATLANTA BELTLINE NORTHEAST TRAIL
 FULTON COUNTY

SCALE: 1" = 10'-0" OCTOBER 2021

DESIGNED <u>ASG</u>	CHECKED <u>NMC</u>	REVIEWED
DRAWN <u>KAG</u>	DESIGN GROUP	APPROVED

DRAWING NO. 32-0013
WALL SHEET 13 OF 18

USER: kelleighlynn DATE: Oct 19, 2021 TIME: 8:48am



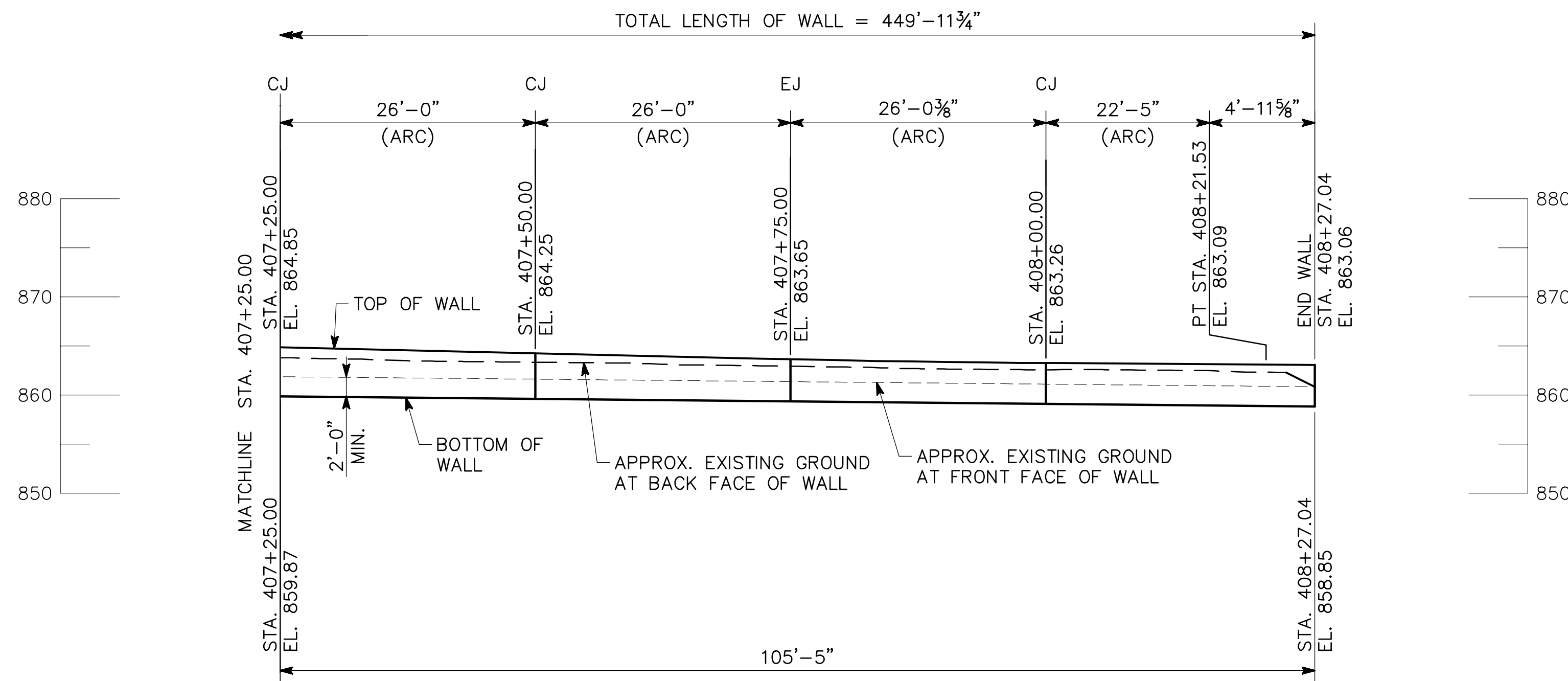
PLAN

CURVE #M3 (MAYSON STREET)
 PI STA. = 407+38.70
 N = 1386024.37
 E = 2232954.35
 DELTA = 19°-09'-53"
 T = 84.41 FT
 L = 167.24 FT
 R = 500.00 FT
 S.E. = EXISTING

HORIZONTAL CURVE DATA
 MAYSON STREET

NOTES

- STATIONS ARE MEASURED ALONG C₁ CONSTRUCTION MAYSON STREET. OFFSETS ARE MEASURED TO FRONT FACE OF WALL.
 - LENGTHS ARE MEASURED ALONG FRONT FACE OF WALL.
 - FOR EXISTING MAYSON STREET PROFILE, SEE "CROSS ROAD PROFILE", SHEET 16-001.
 - FOR WALL NOTES, DESIGN DATA, AND SUMMARY OF QUANTITIES, SEE "GENERAL NOTES."
 - FOR TYPICAL SECTIONS AND DETAILS, SEE "WALL DETAILS."
 - ELEVATIONS SHOWN ARE AT THE TOP OF WALL AT THE FRONT FACE OF WALL.
 - EJ INDICATES EXPANSION JOINT IN WALL.
 - CJ INDICATES CONTROL JOINT IN WALL.
- ARC - ARC DIMENSION



ELEVATION
 LOOKING AT BACK FACE WALL

WALL NO. 404

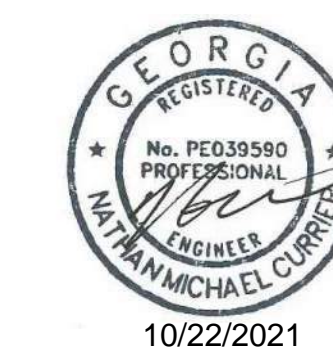
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ATLANTA BELTLINE

PLAN AND ELEVATION
 WALL NO. 404 (3 OF 3) (PERM. ANCHORED)
 ATLANTA BELTLINE NORTHEAST TRAIL
 FULTON COUNTY

SCALE: 1" = 10'-0" OCTOBER 2021



10/22/2021

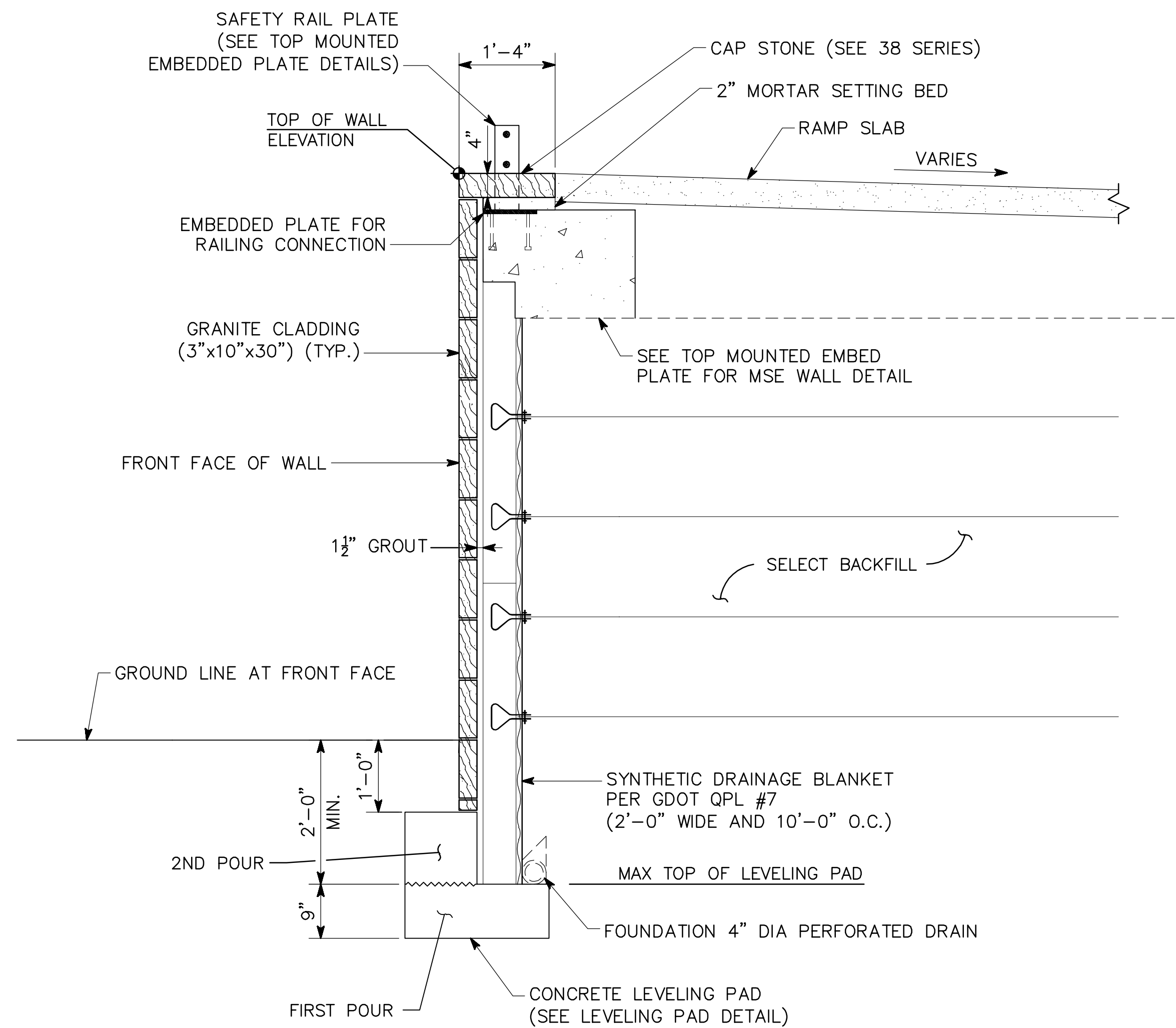
DRAWING NO.
32-0014
 WALL SHEET
14 OF 18

REVISIONS	DATE

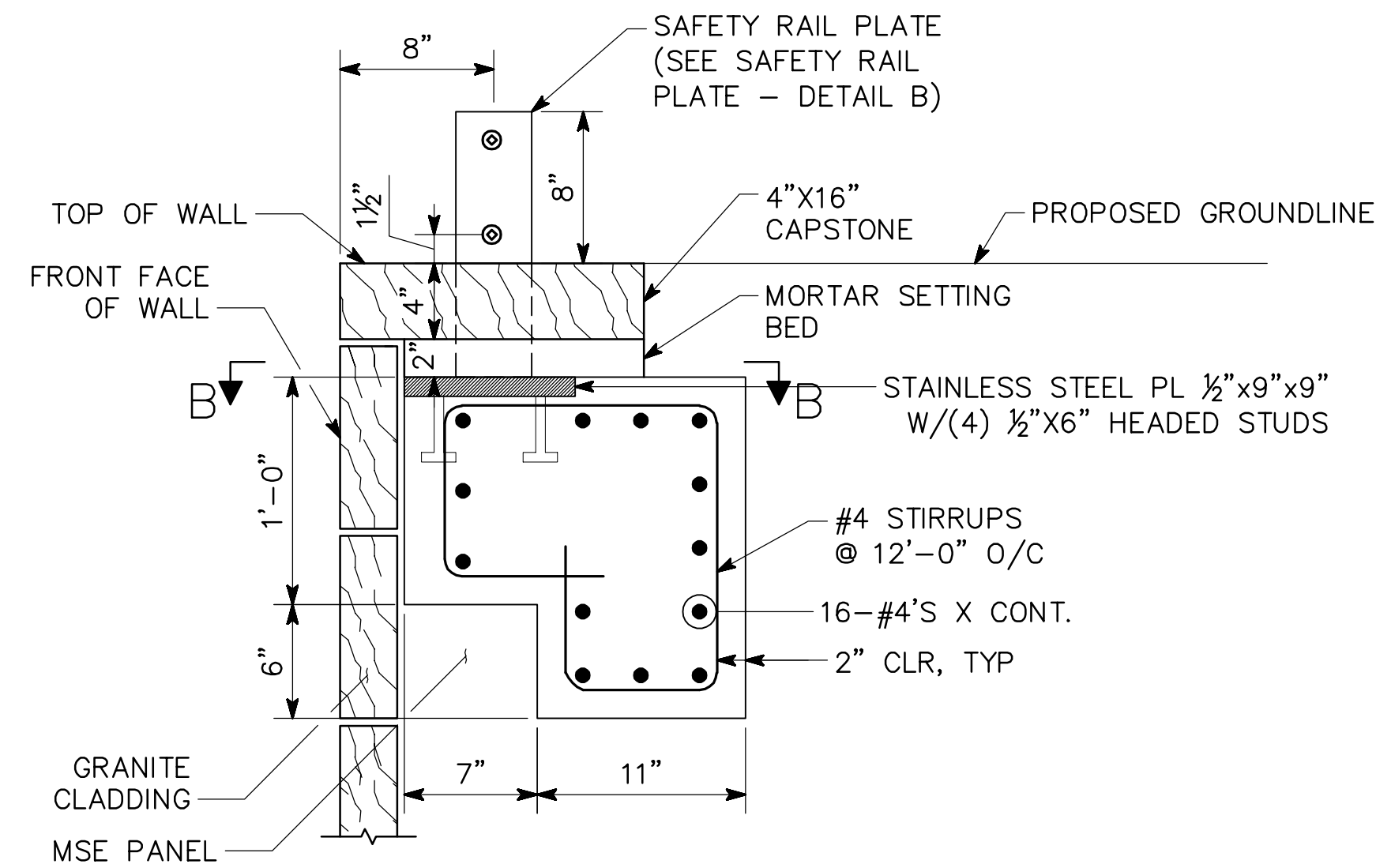
DESIGNED ASG CHECKED NMC REVIEWED
 DRAWN KAG DESIGN GROUP APPROVED

DATE: Oct 21, 2021 TIME: 5:01pm

USER: kelleysglynn



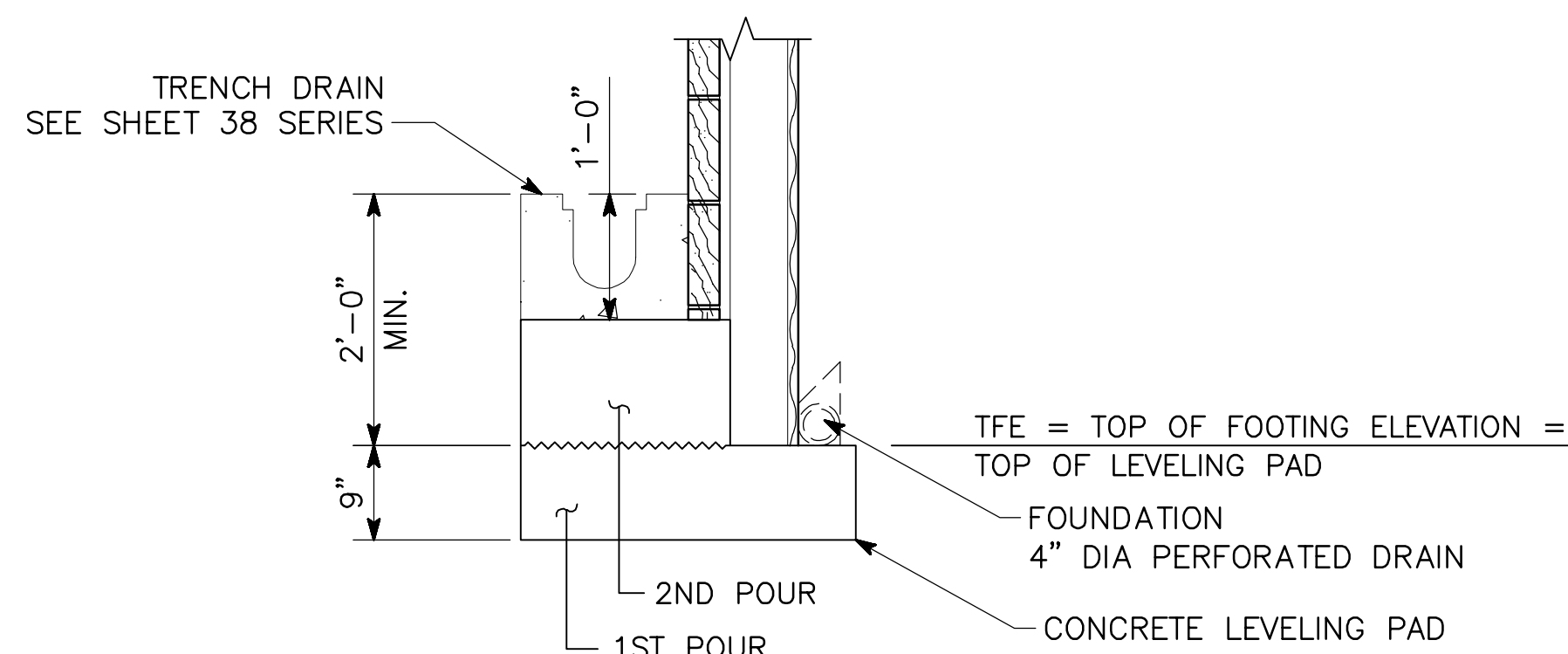
TYPICAL SECTION - MECHANICALLY STABILIZED EARTH (MSE) WALL
SCALE: 3/4" = 1'-0"



TOP-MOUNTED EMBED PLATE
FOR MSE WALLS
(WALL 123)
SCALE: 1 1/2" = 1'-0"

NOTES

1. GRANITE VENEER TIES SHALL BE INSERTED INTO VERTICAL AND HORIZONTAL GROUT JOINTS.
2. MORTAR SHALL HAVE A MINIMUM STRENGTH OF $f_m = 2000$ P.S.I. AND SHALL BE PLACED ABOVE AND BELOW THE GRANITE ANCHOR. PORTLAND CEMENT GROUT SHALL CONFORM TO 834.03.
3. ALL STAINLESS STEEL SHALL CONFORM TO ASTM A666, TYPE 316.



TRENCH DRAIN
SCALE: 3/4" = 1'-0"

MIN. REINF. LAP LENGTHS	
#3	2'-0"
#4	2'-0"



DATE	REVISIONS

DRAWING NO. 32-0015	BY
WALL SHEET 15 OF 18	

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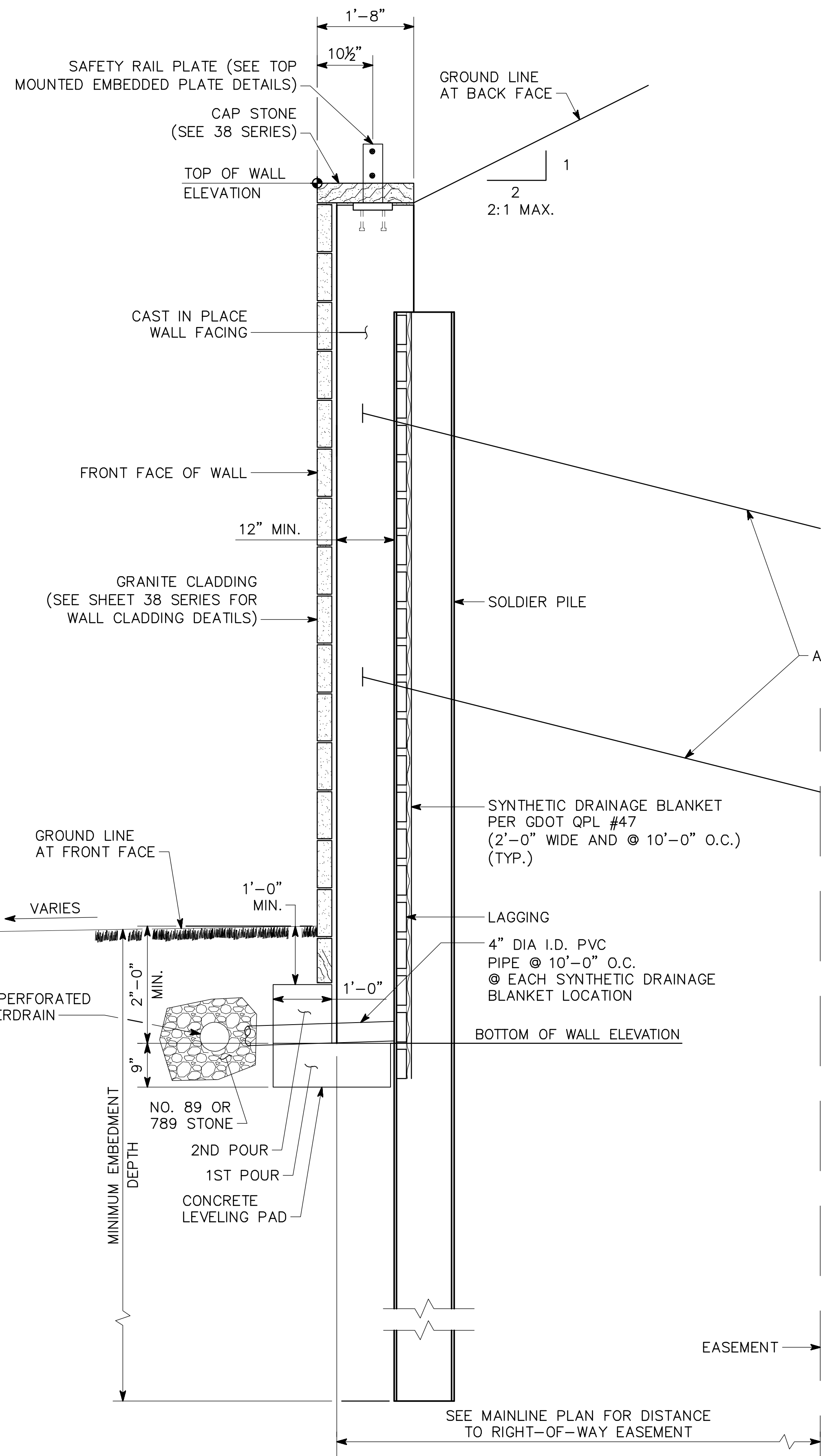
ATLANTA BELTLINE

WALL DETAILS (1 OF 4)
MSE WALL
ATLANTA BELTLINE NORTHEAST TRAIL
FULTON COUNTY

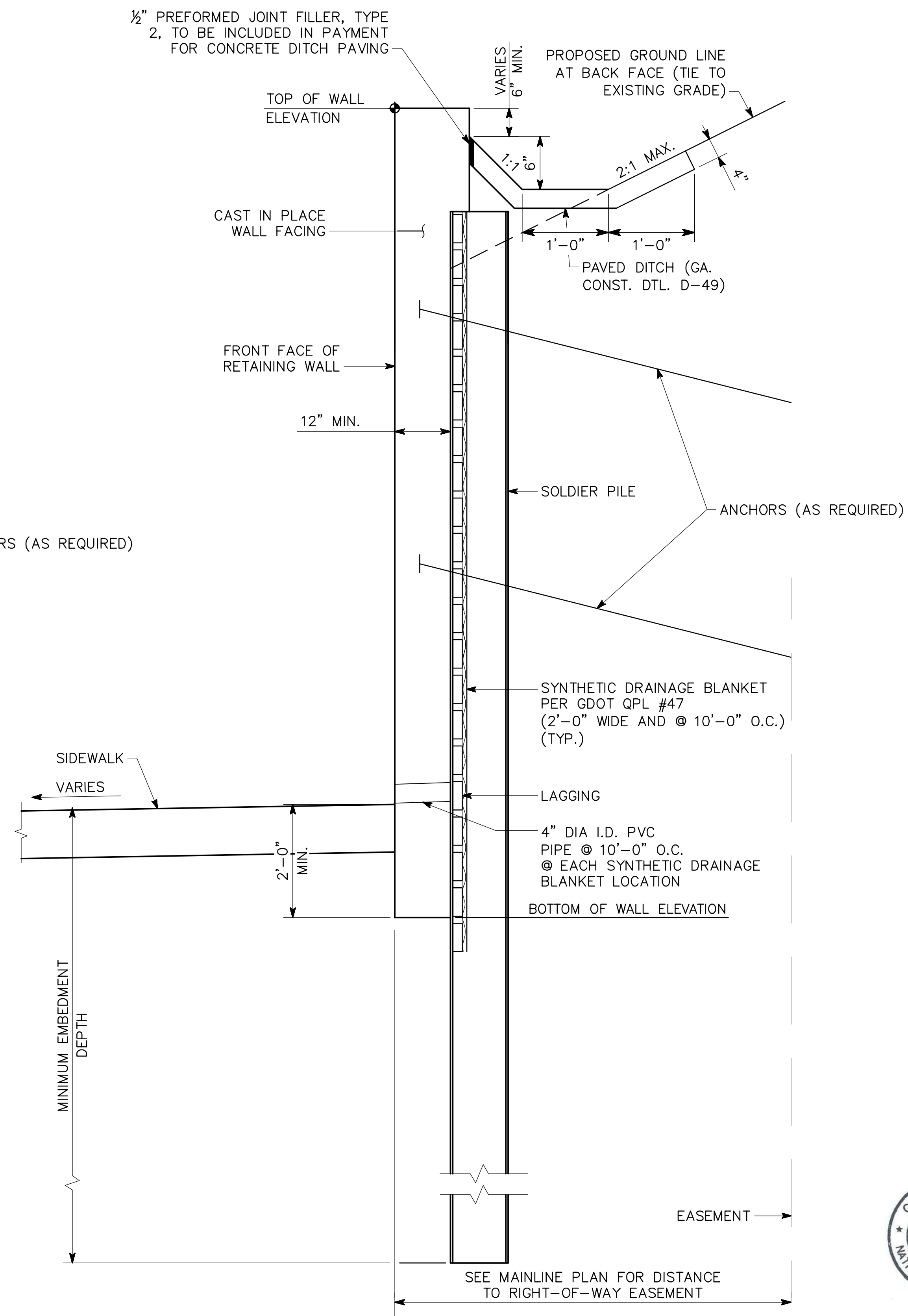
SCALE: AS SHOWN-0"

OCTOBER 2021

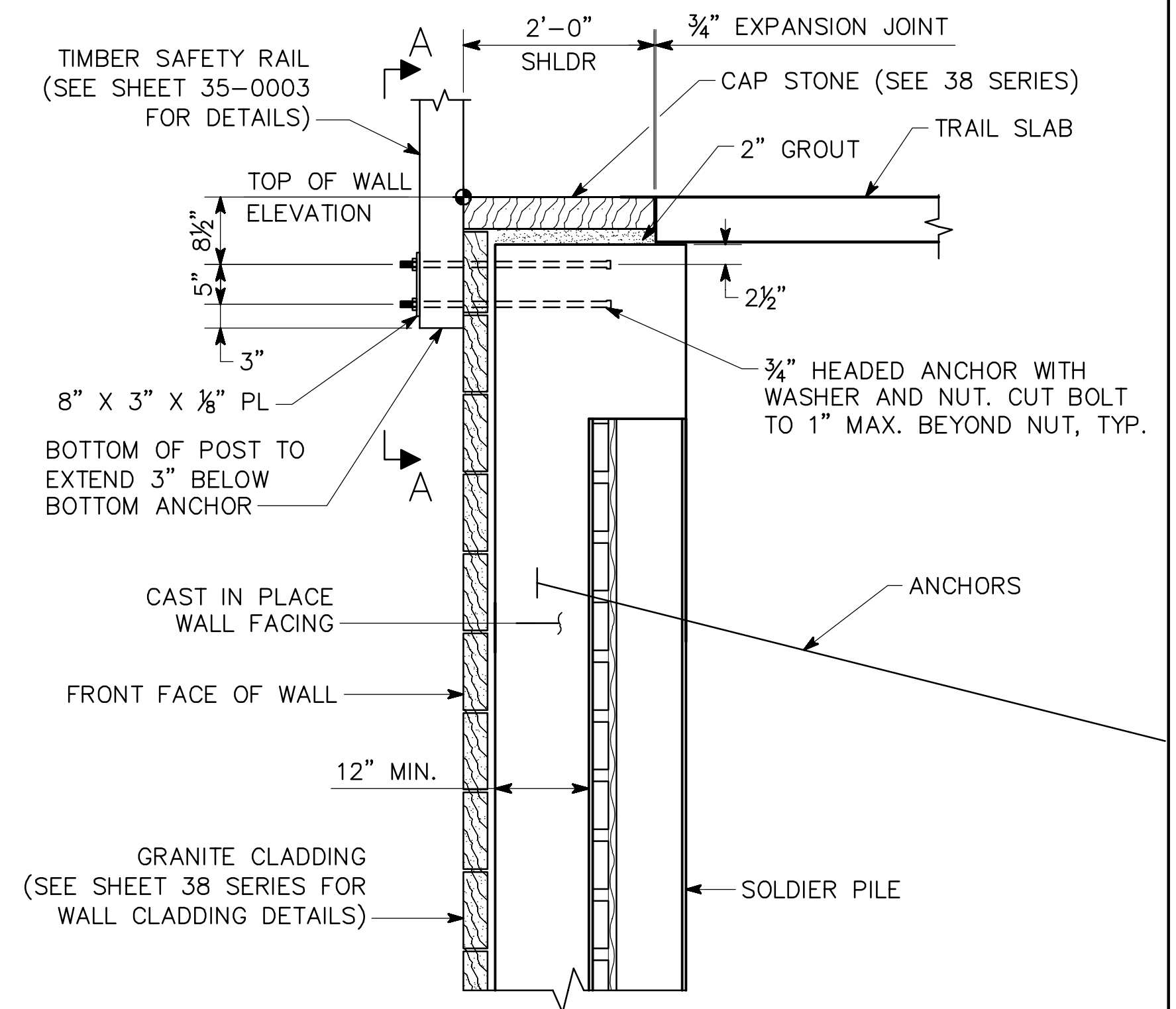
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DRAWN <u>DDL/JJK</u>	DESIGN GROUP	APPROVED



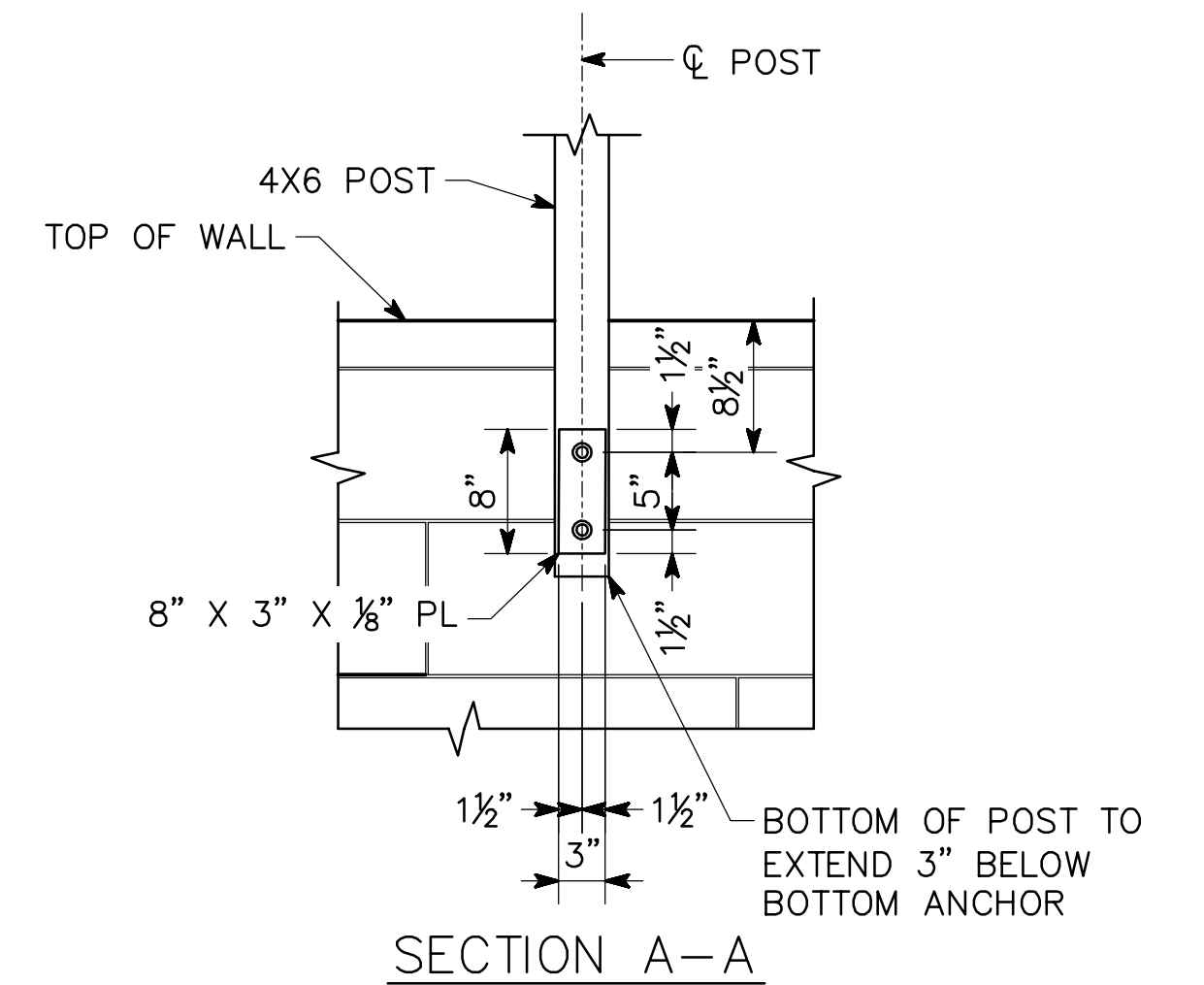
TYPICAL SECTION – PERMANENTLY ANCHORED WALLS
(WALLS 100B AND 101D)



TYPICAL SECTION – PERMANENTLY ANCHORED WALLS
(WALL 404)



TYPICAL SECTION – PERMANENTLY ANCHORED WALLS
(WALLS 113A, 113B, 114A, 114B)



SECTION A-A

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ATLANTA BELTLINE

WALL DETAILS (2 OF 4)
PERMANENTLY ANCHORED
ATLANTA BELTLINE NORTHEAST TRAIL
FULTON COUNTY

SCALE: 3/4" = 1'-0" OCTOBER 2021

DESIGNED ASG CHECKED NMC REVIEWED
DRAWN DDL/JIK DESIGN GROUP APPROVED

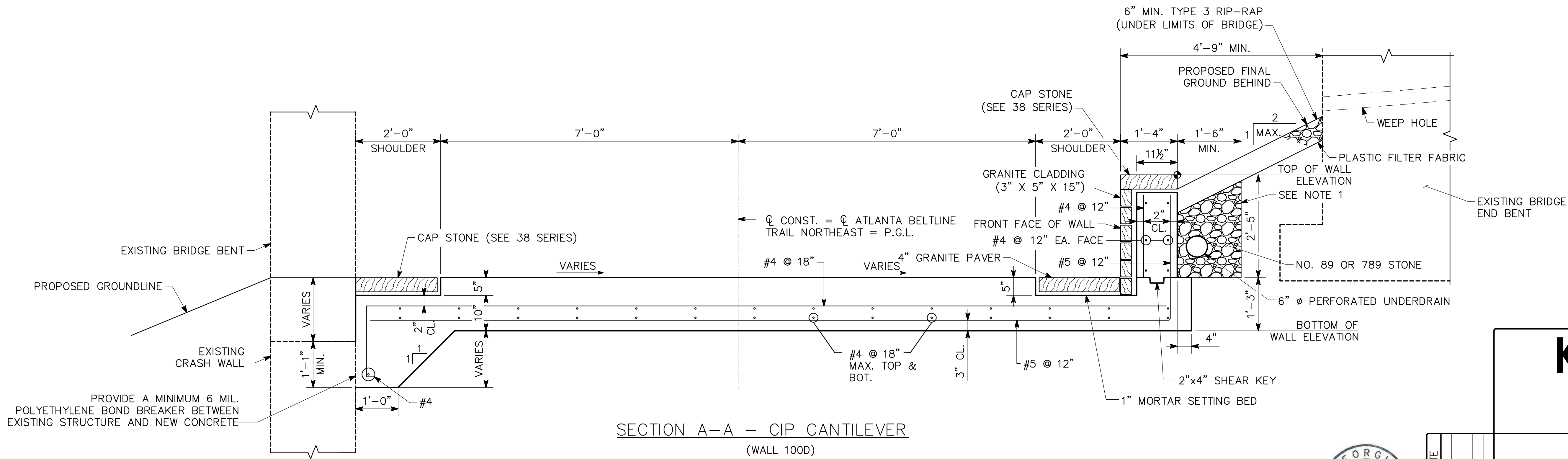


DATE	REVISIONS

DRAWING NO. 32-0016
WALL SHEET 16 OF 18

DATE: Oct 27, 2021 TIME: 11:49am

USER: kelly.glynn



NOTES:

1. PLACE PERFORATED UNDERDRAIN AT BOTTOM OF NO. 89 OR 789 STONE WITH PLASTIC FILTER FABRIC PLACED ON ALL SIDES. TIE UNDERDRAIN TO TRENCH DRAIN AT BOTTOM OF RAMP. UNDERDRAIN, STONE, AND TYPE 3 RIP-RAP ARE INCIDENTAL TO COST OF WALL.
2. POUR WALL FOUNDATION AND TRAIL SLAB CONTINUOUS TO CONSTRUCTION JOINT IDENTIFIED IN 38 SERIES ENLARGEMENT SERIES.

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ATLANTA BELTLINE

WALL DETAILS (3 OF 4)
CIP CANTILEVER
ATLANTA BELTLINE NORTHEAST TRAIL
FULTON COUNTY

SCALE: 3/4" = 1'-00"

OCTOBER 2021



REVISIONS	DATE

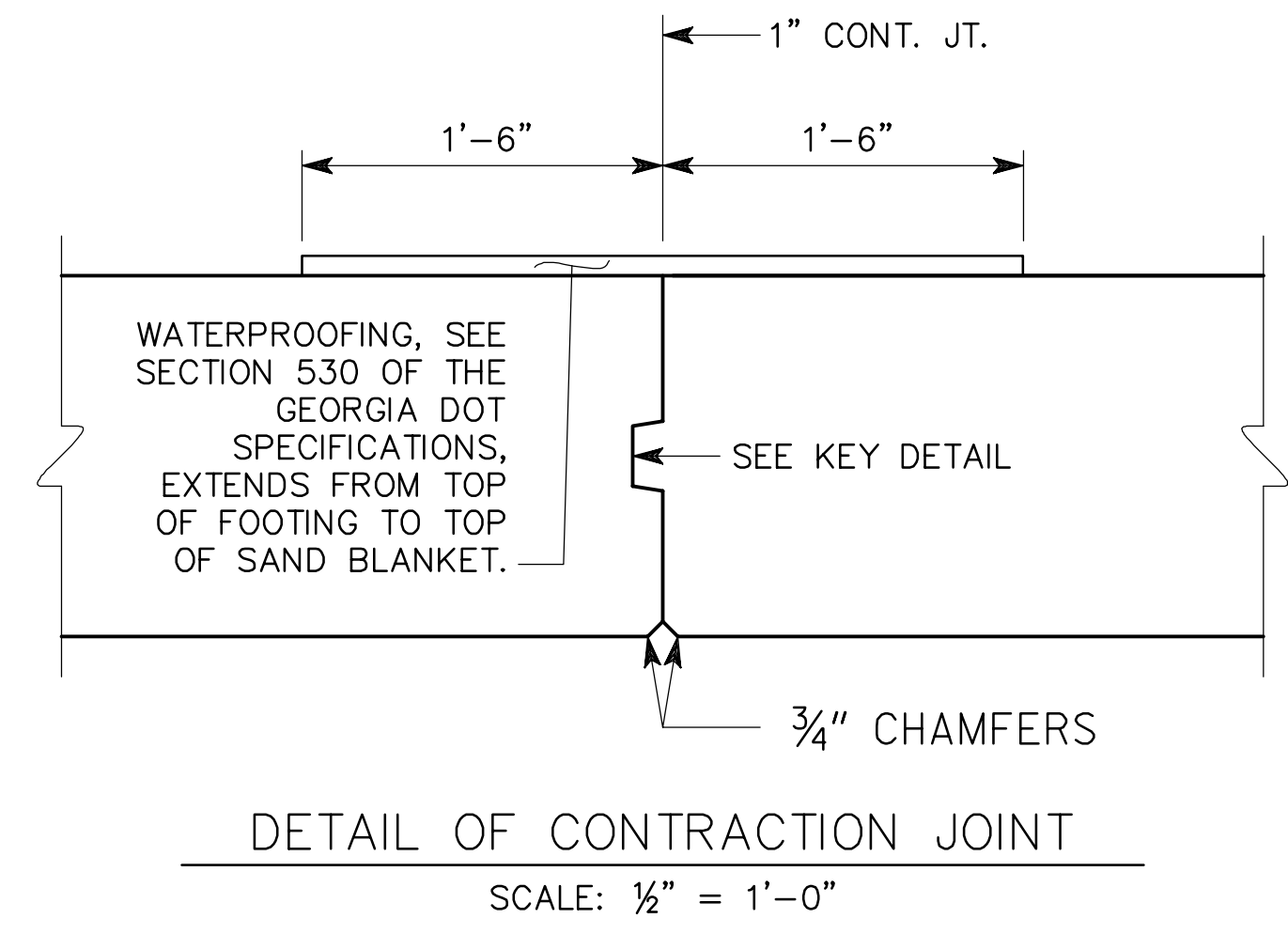
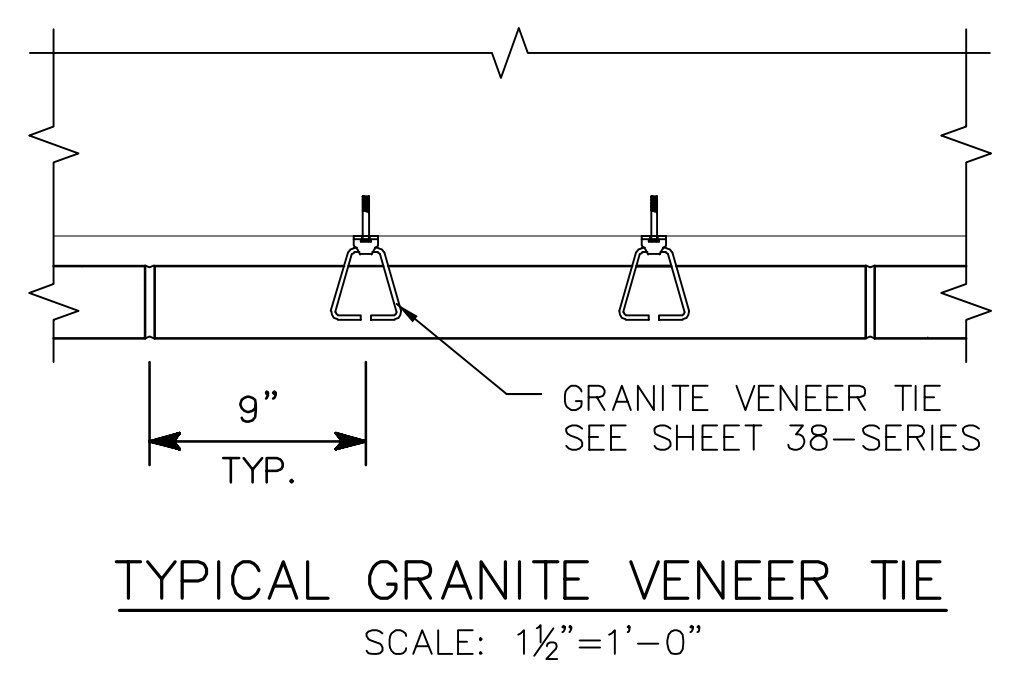
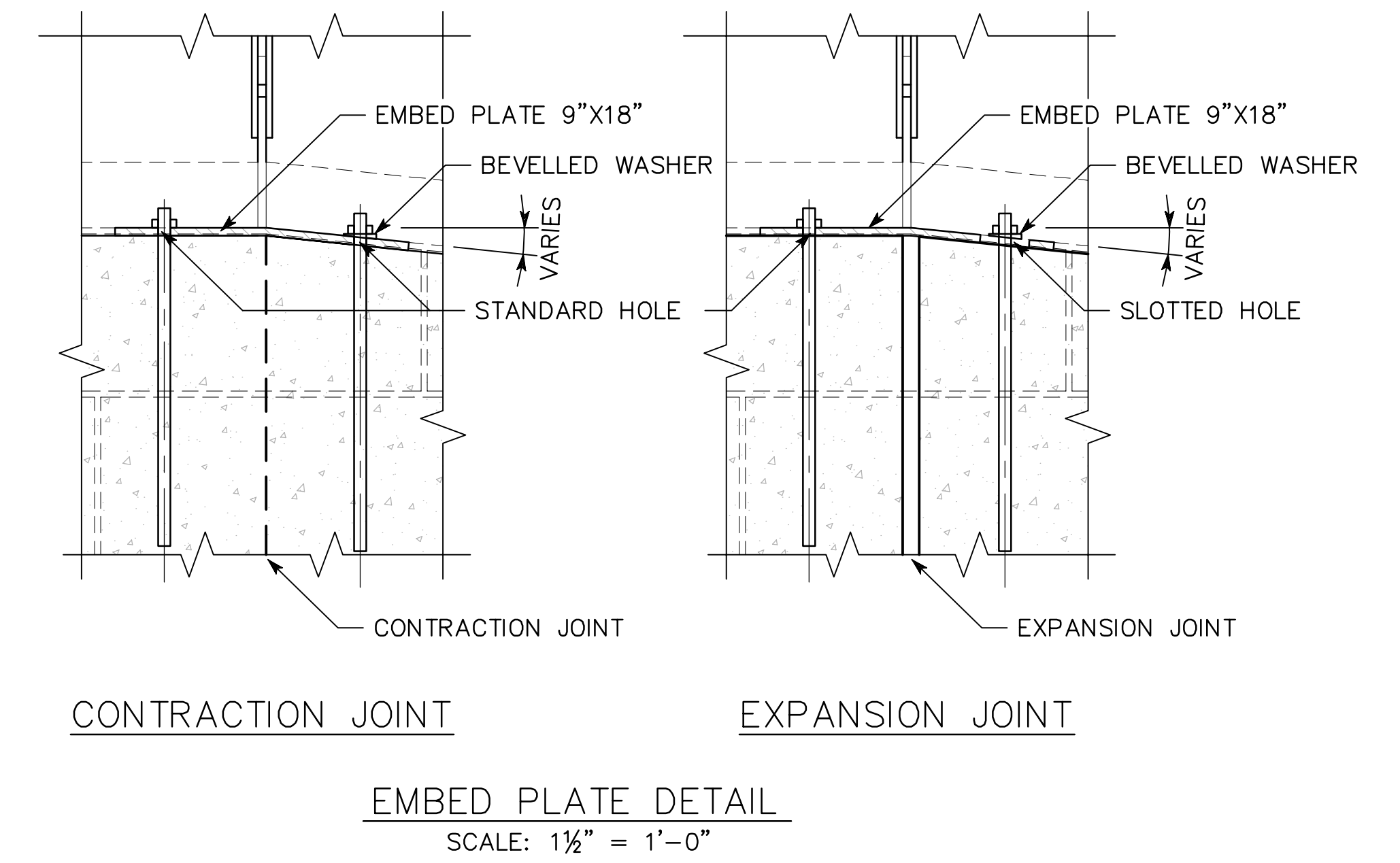
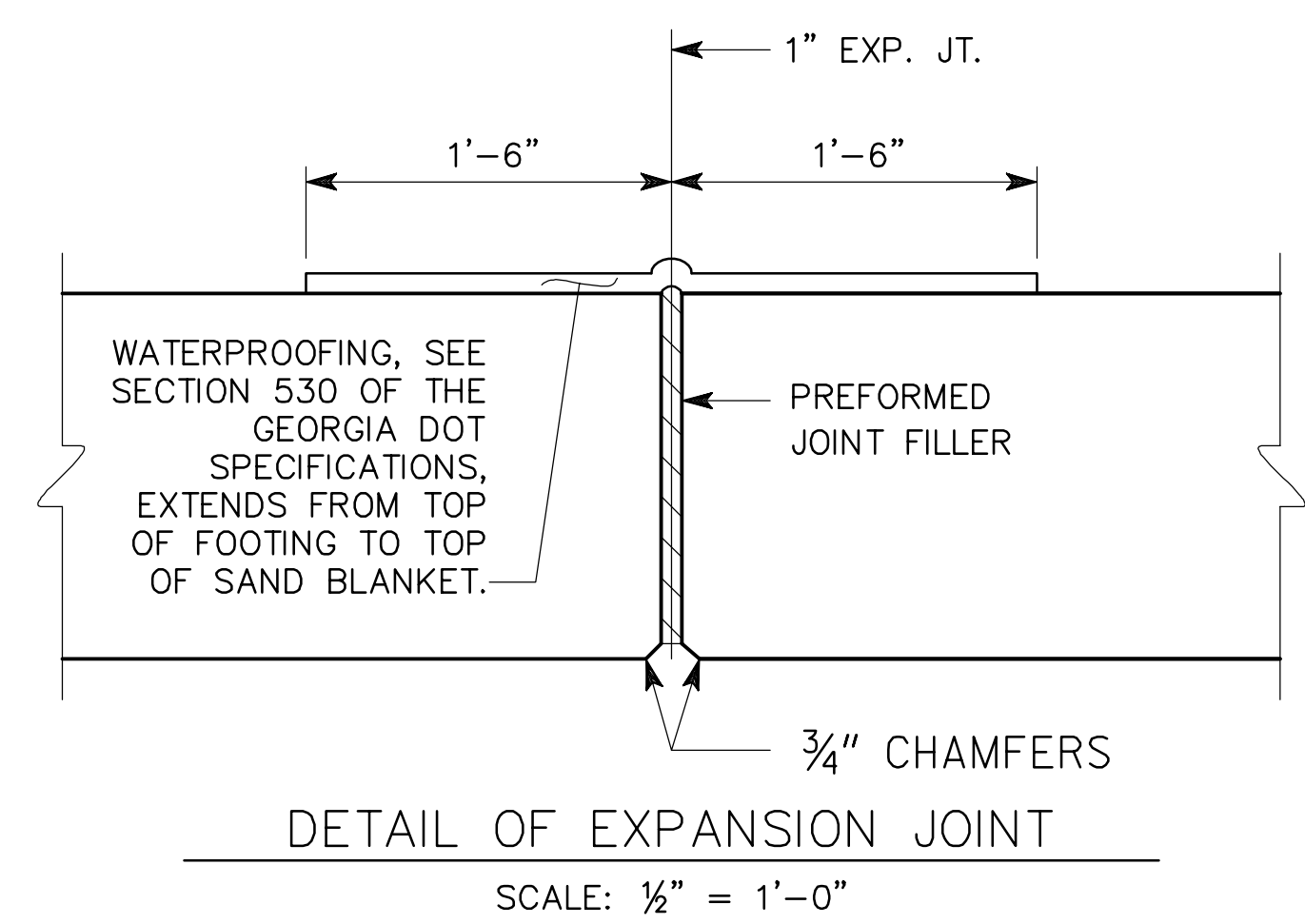
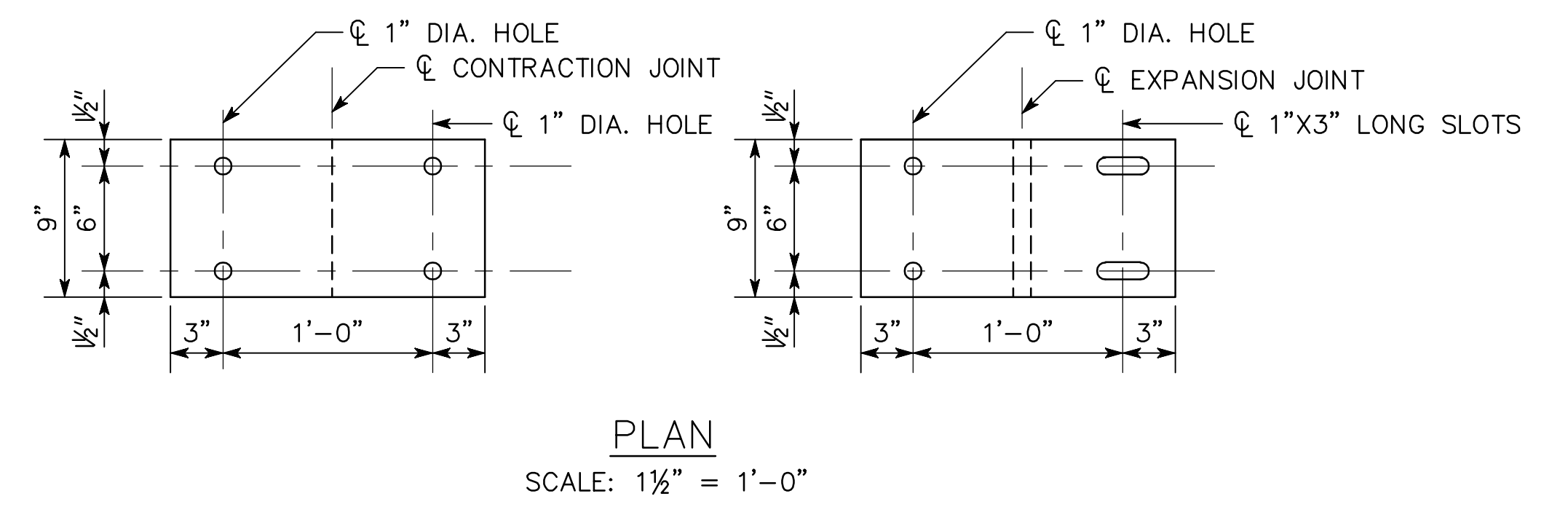
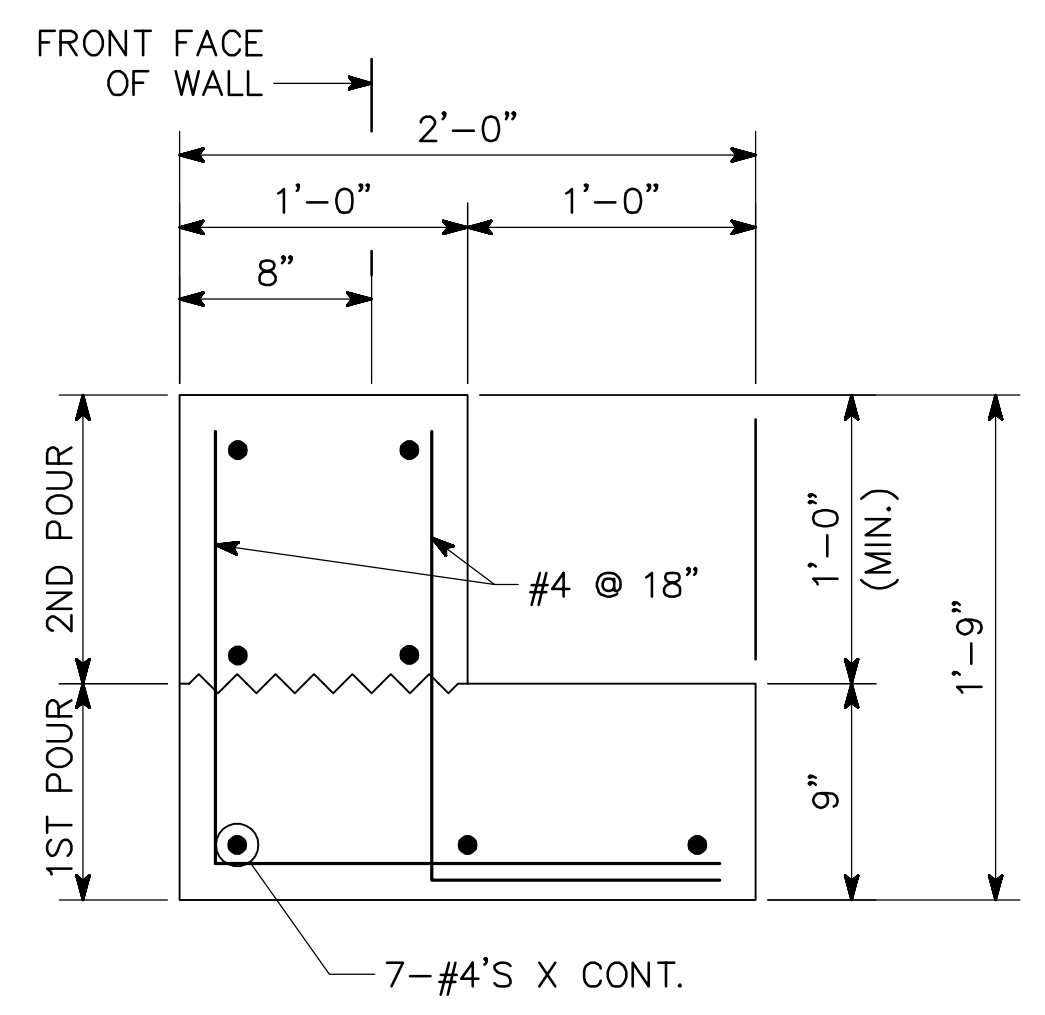
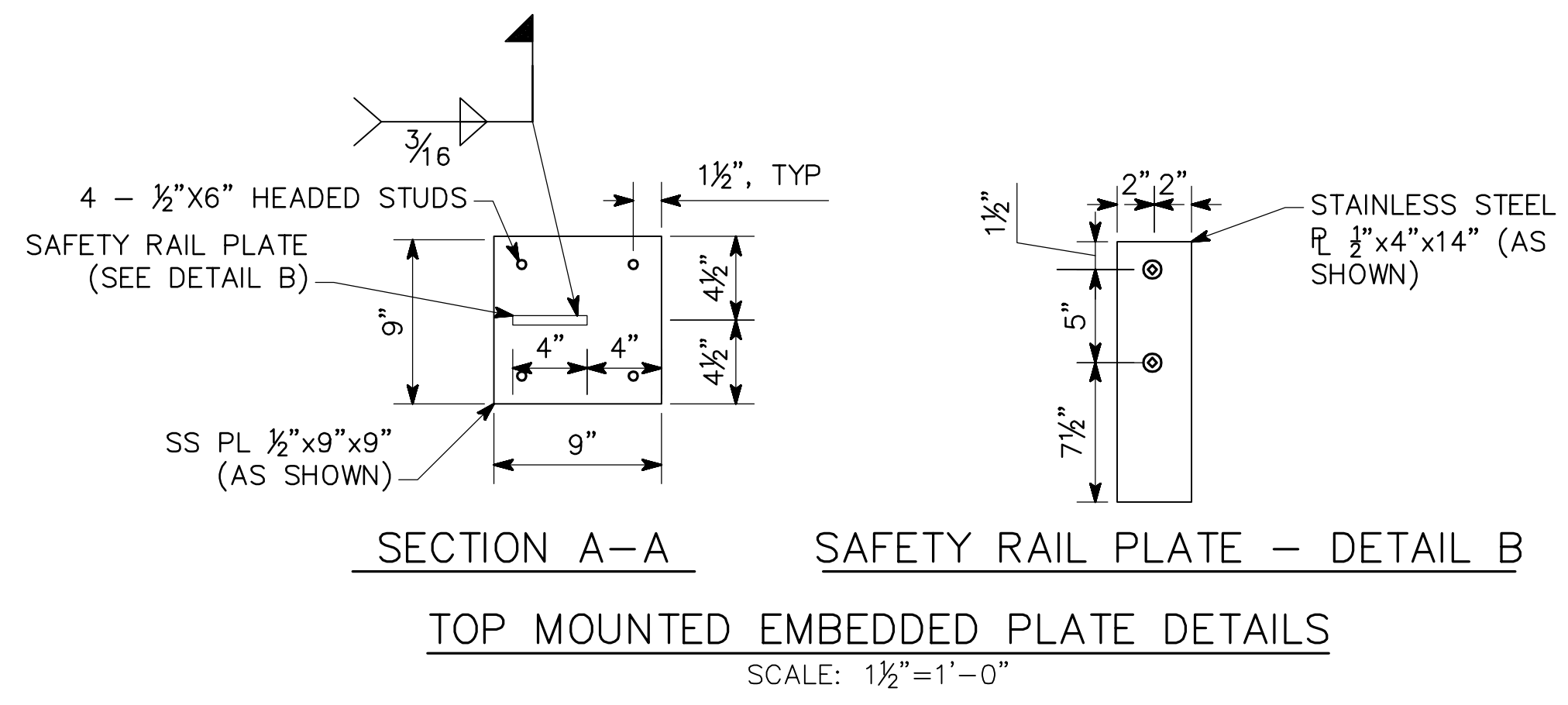
DRAWING NO. 32-0017
WALL SHEET 17 OF 18

DESIGNED: ASG	CHECKED: NMC	REVIEWED:
DRAWN: ASG	DESIGN GROUP:	APPROVED:

1 INCH WHEN PRINTED FULL SIZE

019927007_32-0017_WallDetails.dwg

DATE: Oct 21, 2021 TIME: 1:48pm USER: kelly.glynn



DATE	REVISIONS

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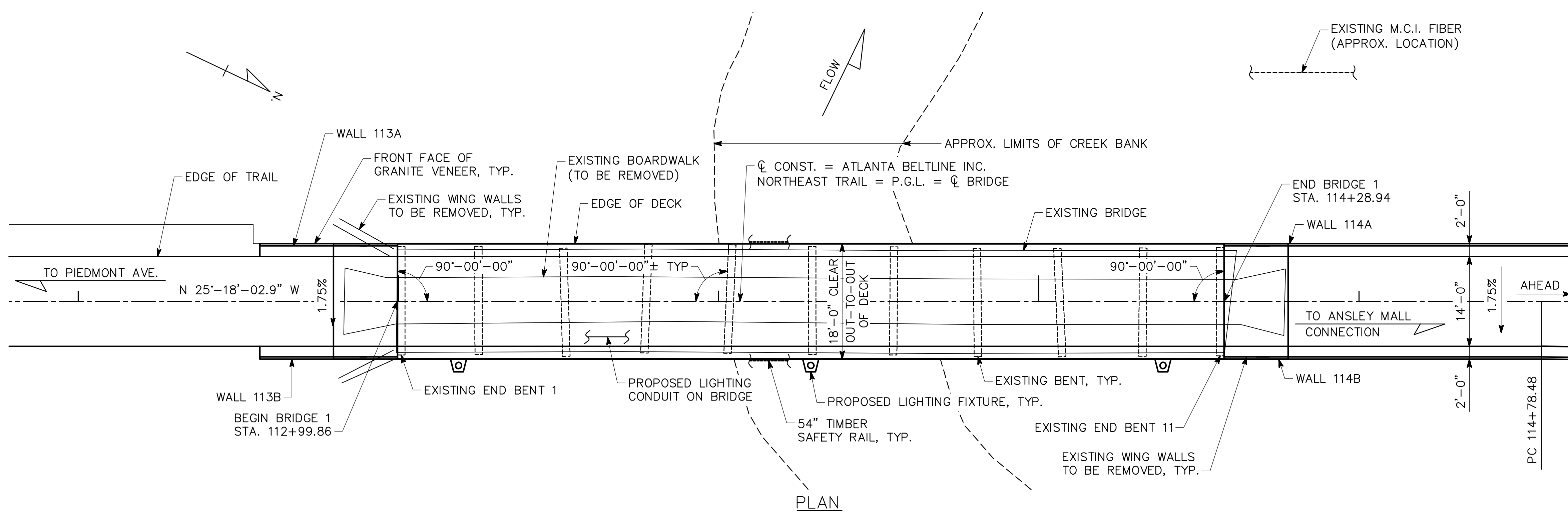
ATLANTA BELTLINE

WALL DETAILS (4 OF 4)

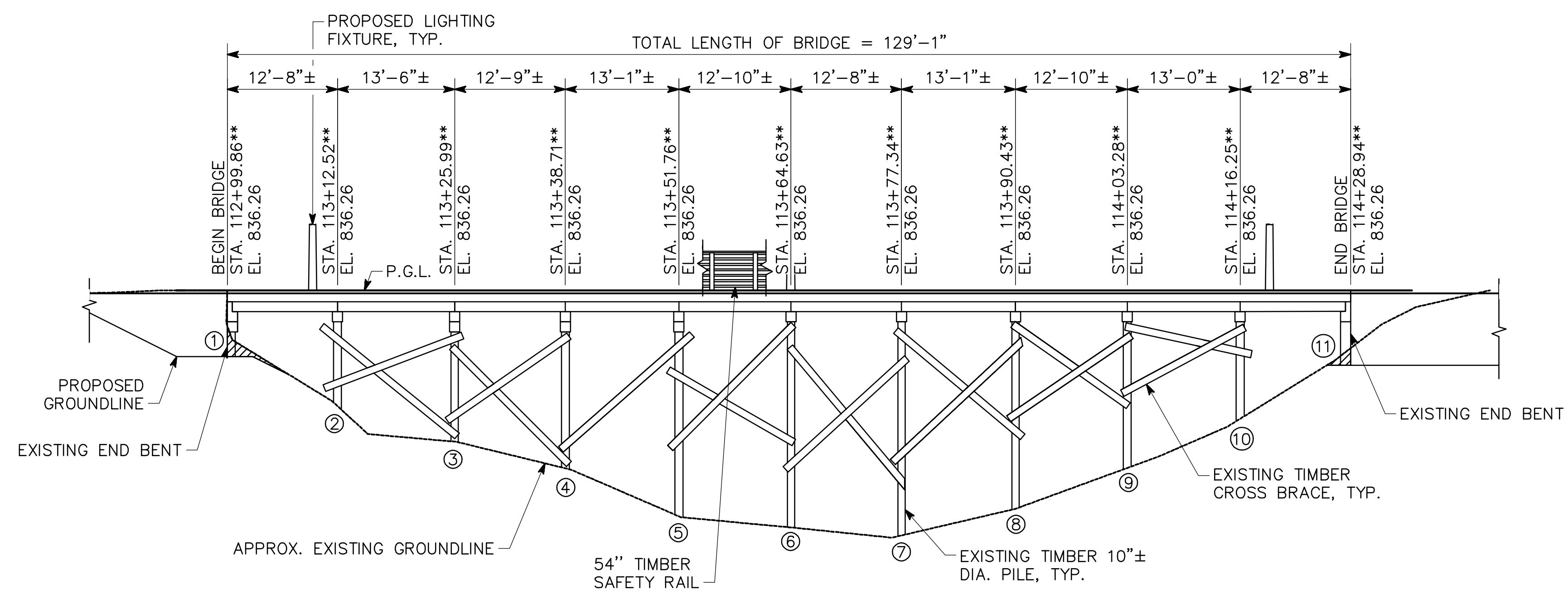
ATLANTA BELTLINE NORTHEAST TRAIL
 FULTON COUNTY

SCALE: AS SHOWN-0" OCTOBER 2021

DRAWING NO. 32-0018	DESIGNED <u>ASG</u>	CHECKED <u>NMC</u>	REVIEWED
WALL SHEET 18 OF 18	DRAWN <u>XXX</u>	DESIGN GROUP	APPROVED

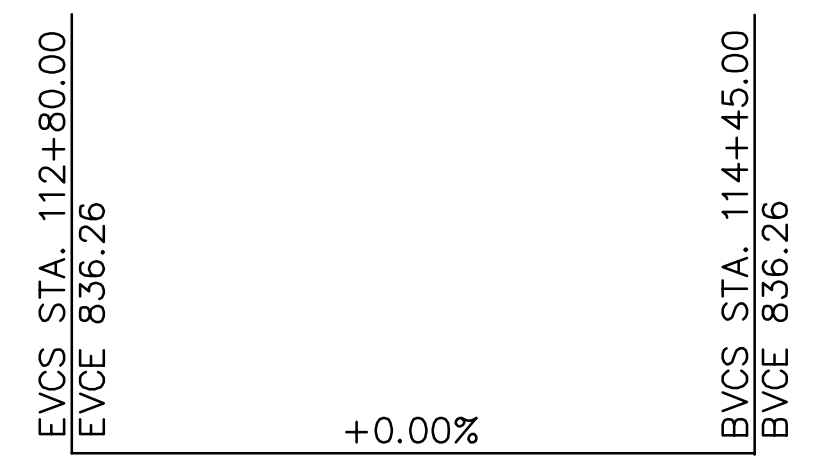


PLAN



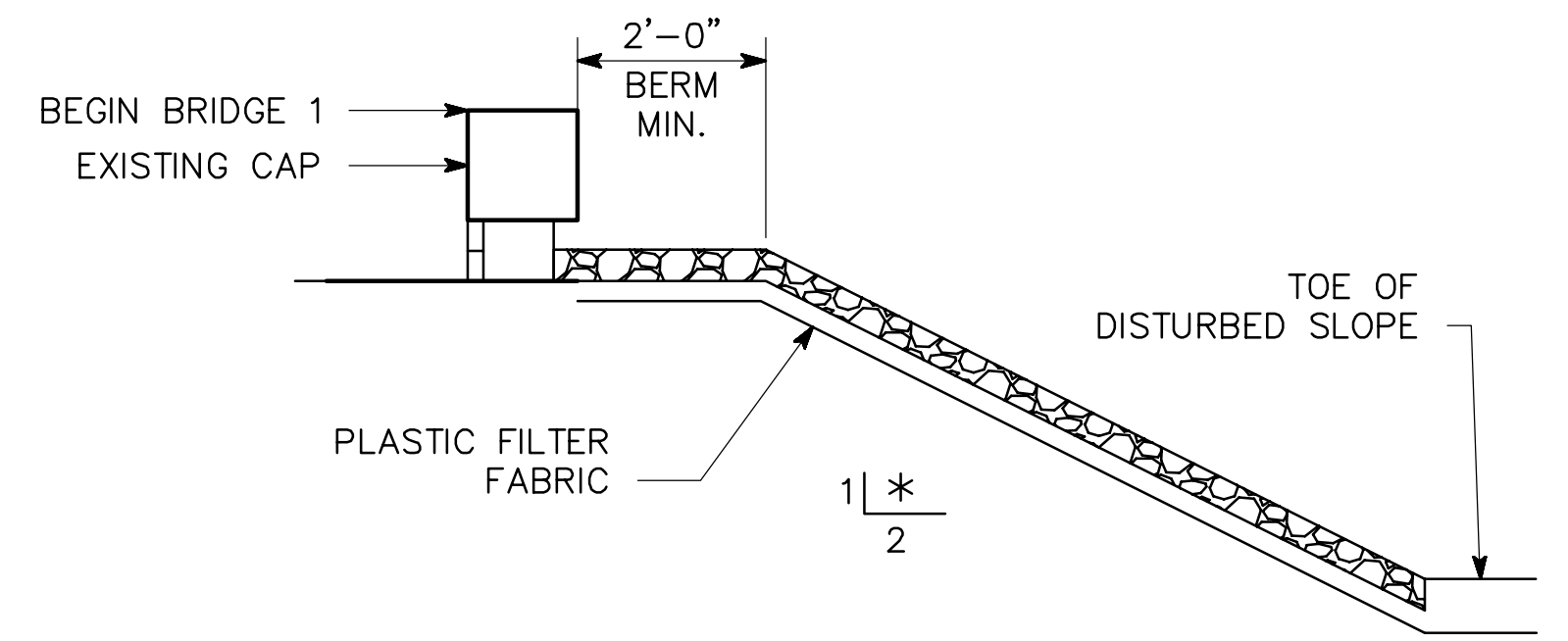
ELEVATION

EXISTING FILL TO BE REMOVED; TO BE PAID FOR AS PART OF "GRADING COMPLETE." SEE ROADWAY PLANS FOR DETAILS.



VERTICAL CURVE DATA

- NOTES:
1. END BENT PILES NOT SHOWN.
 2. ** STATIONS AND ELEVATIONS ARE AT INTERSECTION OF PROFILE GRADE LINE AND BEGIN/END BRIDGE OR ϕ BENT. STATIONS AT EXISTING ϕ BENT OR BEGIN/END BRIDGE ARE APPROXIMATE AND SHOULD BE CONFIRMED IN THE FIELD PRIOR TO CONSTRUCTION.



RIP RAP DETAIL

BRIDGE NO. 1

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ATLANTA BELTLINE

PLAN AND ELEVATION
ATLANTA BELTLINE NORTHEAST TRAIL
OVER CLEAR CREEK
FULTON COUNTY

SCALE: 1" = 10'-0" OCTOBER 2021

DRAWING NO.
35-0001

BRIDGE SHEET
1 OF 9

REVISIONS	DATE

BY	DESIGNED	CHECKED	REVIEWED
	ASG	NMC	
BY	DRAWN	DESIGN GROUP	APPROVED
	ASG		

BRIDGE CONSISTS OF

- 2 - TIMBER PILE END BENTS (EXISTING)
 - 9 - TIMBER PILE INTERMEDIATE BENTS (EXISTING)
 - 1 - CONTINUOUS CONCRETE DECK SPAN ----- SPECIAL DESIGN
 - 1 - 54" TIMBER SAFETY RAIL ----- SPECIAL DESIGN
 - BAR BENDING DETAILS -----GA. STD. 3901 (8-69)
 - TYPICAL FILL DETAIL AT END OF BRIDGE ----- GA. STD. 9037 (9-99)
- 24" TYPE III RIP RAP

UTILITIES

- 1" DIA. ELECTRIC CONDUIT-----ATLANTA BELTLINE INC
- 2" DIA. CAMERA FIBER CONDUIT-----ATLANTA BELTLINE INC

GENERAL NOTES

SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2021 EDITION, AS MODIFIED BY CONTRACT DOCUMENTS.

REINFORCING STEEL - PLACE AND TIE ALL REINFORCING STEEL IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. DO NOT WELD REINFORCING STEEL. MAINTAIN 2" MINIMUM CLEARANCE ON ALL REINFORCEMENT UNLESS OTHERWISE NOTED.

CHAMFER - CHAMFER ALL EXPOSED CONCRETE EDGES 3/4" UNLESS OTHERWISE NOTED.

TEMPORARY SHORING - INCLUDE THE COST OF TEMPORARY SHORING AS NECESSARY FOR BRIDGE CONSTRUCTION IN THE OVERALL BID SUBMITTED.

DIMENSIONS AND ELEVATIONS - VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO ORDERING MATERIALS OR BUILDING FORMS. LIGHT LINES INDICATE THE EXISTING STRUCTURE AND HEAVY LINES INDICATE THE NEW STRUCTURE.

EXISTING BRIDGE PLANS - ORIGINAL BRIDGE PLANS ARE NOT AVAILABLE.

EXISTING RIP RAP - INCLUDE THE COST OF REMOVING, RELAYING, AND/OR REPLACING RIP RAP IN THE OVERALL BID SUBMITTED.

WELDING - ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY GDOT CERTIFIED WELDERS THAT HAVE IN THEIR POSSESSION A CURRENT WELDING CERTIFICATION CARD ISSUED BY THE OFFICE OF MATERIALS AND TESTING. USE ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODE FOR MANUAL SHIELDED METAL ARC WELDING.

SALVAGE MATERIAL - NO MATERIAL REMOVED FROM THE EXISTING STRUCTURE SHALL BE SALVAGED FOR USE BY THE OWNER.

INCIDENTAL ITEMS - INCLUDE THE COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF CLEANING AND BENDING OF EXISTING REINFORCEMENT, TIMBER HARDWARE, FASTENERS, WATERPROOFING, JOINT FILLERS, EXCAVATION, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.

WOOD FRAMING:

- ALL TIMBER FOR STRUCTURE TIMBER REPAIRS SHALL BE PRESSURE TREATED SELECT STRUCTURAL GRADE SOUTHERN YELLOW PINE SURFACE DRY (S4S). TIMBER REPAIRS AND REPLACEMENT SHALL BE IN ACCORDANCE WITH GEORGIA DOT SPECIFICATION 502. TIMBER PRESERVATIVE TREATMENT SHALL BE CREOSOTE IN ACCORDANCE WITH GEORGIA DOT SPECIFICATION 863. ESTIMATED QUANTITY FOR TIMBER STRUCTURE REPAIRS IS 2.0 MBM FOR BID PURPOSES AND INCLUDED IN PAY ITEM "BRIDGE TIMBER, TREATED". HARDWARE AND FASTENERS ARE INCIDENTAL TO PAY ITEM "BRIDGE TIMBER, TREATED". OWNER'S ENGINEER TO INSPECT EXISTING TIMBER DECK UPON REMOVAL OF EXISTING BOARDWALK AND BALLAST. REMOVE AND REPLACE TIMBER DECK AS IDENTIFIED BY ENGINEER. TIMBER REPAIRS AND REPLACEMENT SHALL BE IN ACCORDANCE WITH GEORGIA DOT SPECIFICATION 502.
- ALL SAFETY RAIL TIMBER SHALL BE PRESSURE TREATED SELECT NUMBER 1 SOUTHERN PINE SURFACE DRY (S4S) WITH A MOISTURE CONTENT OF 19% OR LESS. HANDRAIL POSTS SHALL BE TREATED WITH A WATERBORNE PRESERVATIVE IN ACCORDANCE WITH AWWA STANDARD U1, COMMODITY SPECIFICATION A, TO THE REQUIREMENTS OF USE CATEGORY 4 (UC4A). HANDRAILS SHALL BE TREATED WITH A WATERBORNE PRESERVATIVE IN ACCORDANCE WITH AWWA STANDARD U1, COMMODITY SPECIFICATION A, TO THE REQUIREMENTS OF USE CATEGORY 3 (UC3B).KILN DRY HANDRAIL POST AND RAILING AFTER TREATMENT. PRESERVATIVES SHALL NOT CONTAIN ARSENIC OR CHROMIUM.
- ALL SAW CUTS, BOLT HOLES, AND OTHER HOLES SHALL BE TREATED WITH APPROPRIATE PRESERVATIVE SOLUTION PRIOR TO INSTALLING BOLTS.
- ALL BOLTS SHALL CONFORM TO ASTM F1554 GRADE 36 UNLESS OTHERWISE NOTED. ALL BOLTED CONNECTIONS SHALL INCLUDE ROUND PLATE WASHERS (UNLESS OTHERWISE NOTED) INSTALLED BETWEEN THE WOOD AND THE BOLT HEAD AND BETWEEN THE WOOD AND THE NUT. ALL BOLTS, WASHERS, AND NUTS SHALL BE HOT DIP GALVANIZED UNLESS OTHERWISE NOTED.
- STEEL PLATES FOR SAFETY RAIL POST CONNECTION SHALL BE GALVANIZED ASTM A36.
- ALL SCREWS SHALL BE STAINLESS STEEL WOOD SCREWS.
- ALL VERTICAL MEMBERS SHALL BE PLUMB.

DESIGN DATA

SPECIFICATIONS-----AASHTO LRFD 7TH EDITION, WITH 2016 INTERIM REVISIONS
AASHTO LRFD GUIDE FOR DESIGN OF PEDESTRIAN BRIDGES, 2ND EDITION, 2009
(SEISMIC PERFORMANCE ZONE 1)

DESIGN VEHICLE LIVE LOAD----- H-10 MAINTENANCE VEHICLE

DESIGN PEDESTRIAN LIVE LOAD ----- 90 PSF

CONCRETE: SUPERSTRUCTURE AND APPROACH SLAB-----CLASS D, f'c = 4,000 PSI
DEAD MAN ANCHOR-----CLASS A, f'c = 3,000 PSI

REINFORCEMENT STEEL ----- GRADE 60, fy = 60,000 PSI

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500-1011	LUMP	LS	SUPERSTR CONCRETE, CL D, BR NO-1 (93)
500-3101	21	CY	CLASS A CONCRETE
502-1200	5.0	MBM	BRIDGE TIMBER, TREATED
511-1000	3040	LB	BAR REINF STEEL
511-3000	LUMP	LS	SUPERSTR REINF STEEL, BR NO-1 (15,650)
540-1202	LUMP	LS	REMOVAL OF PARTS OF EXISTING BRIDGE, BR NO-1
603-2182	160	SY	STN DUMPED RIP RAP, TP 3, 24 IN
603-7000	160	SY	PLASTIC FILTER FABRIC
999-XXXX	LUMP	LS	HELICAL PILE FOUNDATION

CONSTRUCTION SEQUENCE

- REMOVE EXISTING BOARDWALK AND EXISTING BALLAST.
 - REPAIR AND/OR REPLACE TIMBER BRACING AND CONNECTIONS.
 - ENGINEER TO INSPECT EXISTING DECK. REPLACE TIMBER DECK AS IDENTIFIED BY ENGINEER.
 - INSTALL EXISTING END BENT IMPROVEMENTS.
 - COMPLETE SUPERSTRUCTURE.
- THE AFOREMENTIONED SEQUENCE SHALL BE COORDINATED WITH OTHER PROJECT OPERATIONS, SEE ROADWAY PLANS. IN LIEU OF THE ABOVE CONSTRUCTION SEQUENCE, THE CONTRACTOR MAY SUBMIT A PROPOSED CONSTRUCTION SEQUENCE FOR APPROVAL.

BRIDGE NO. 1

Kimley»Horn

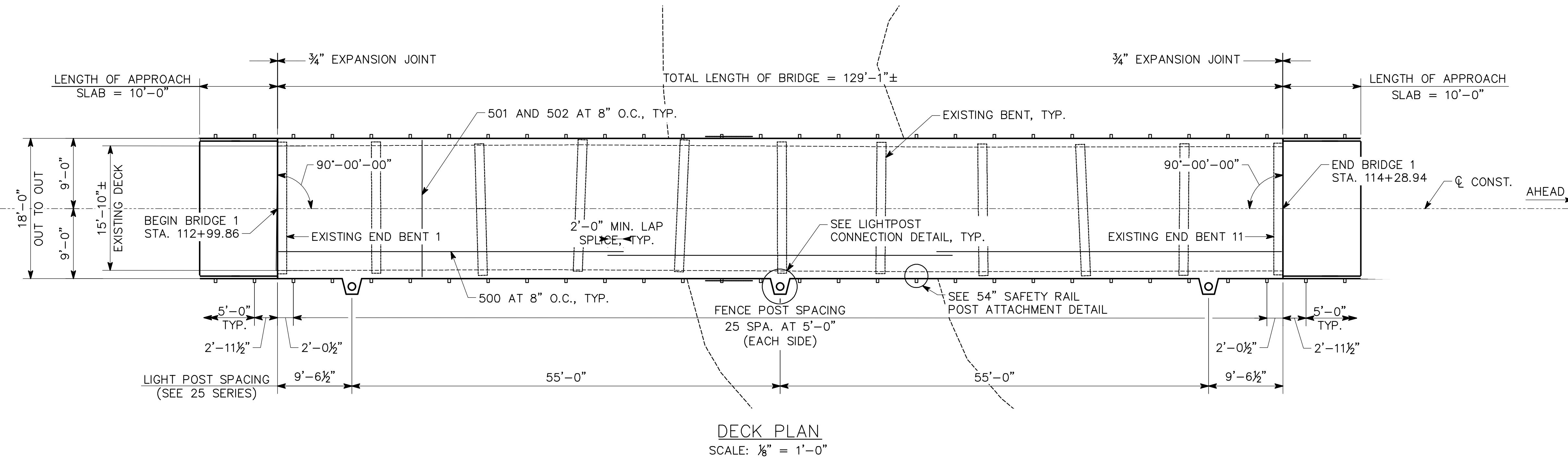
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ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

ATLANTA BELTLINE

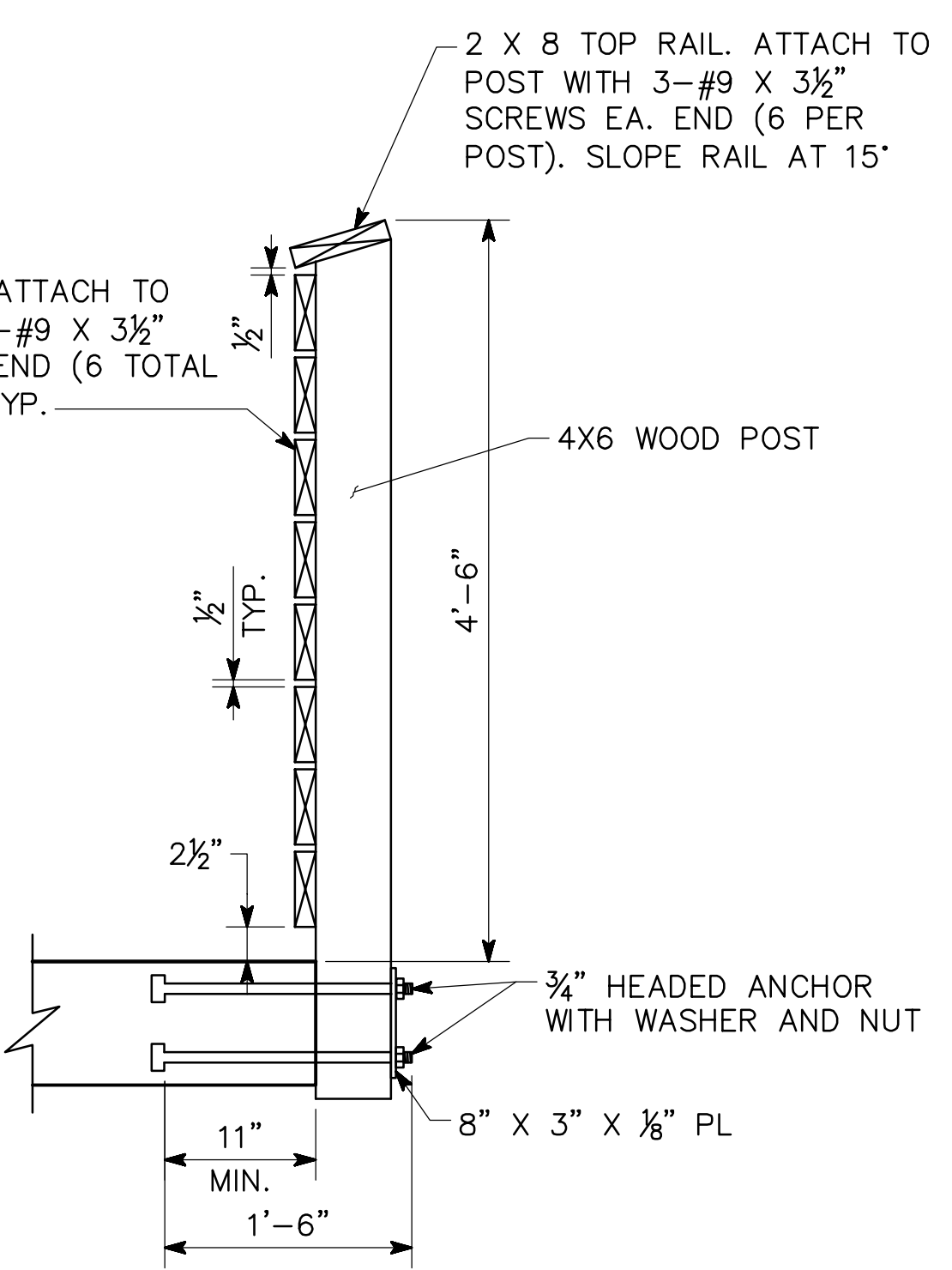
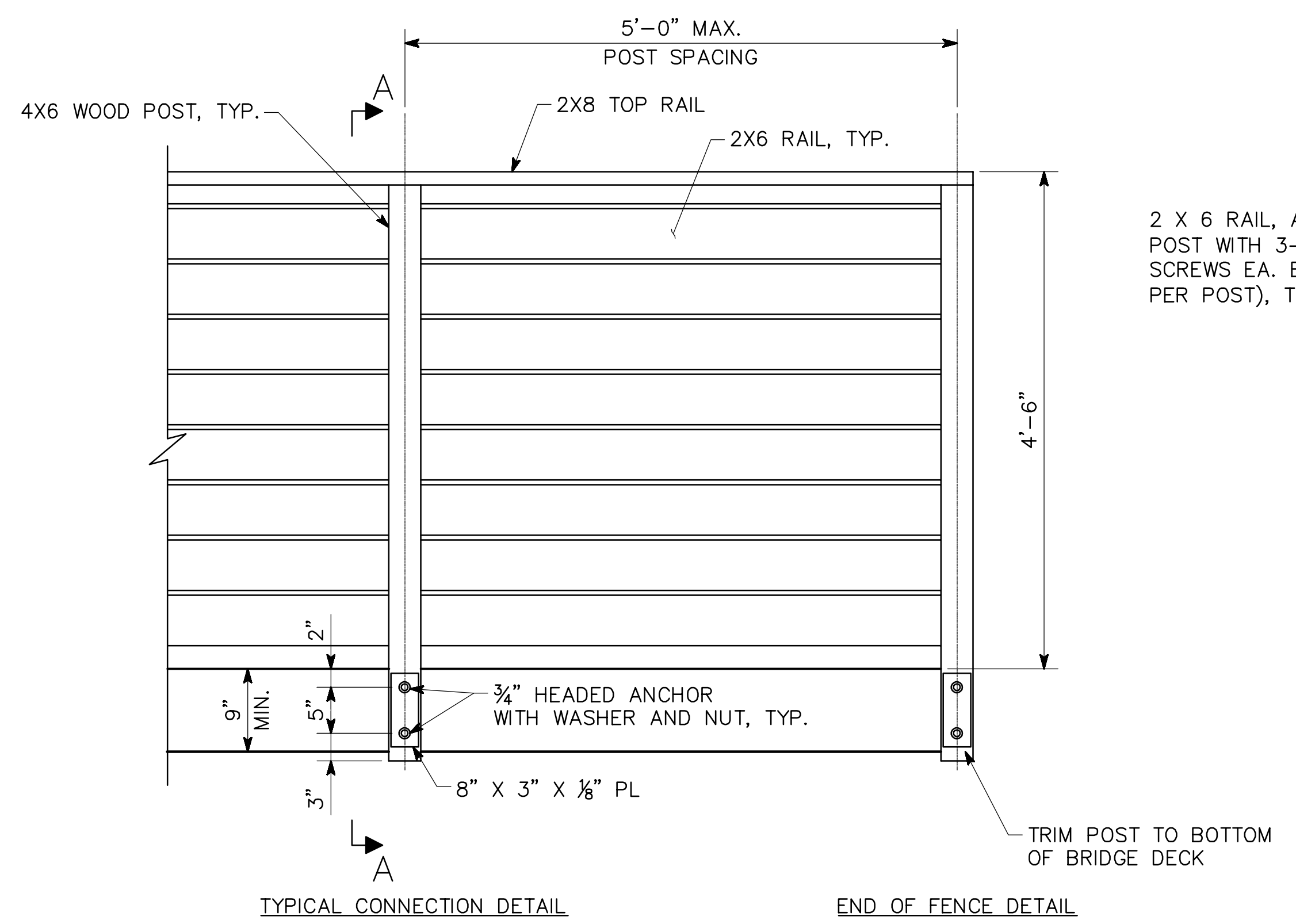
GENERAL NOTES
ATLANTA BELTLINE NORTHEAST TRAIL
OVER CLEAR CREEK
FULTON COUNTY

SCALE: NO SCALE OCTOBER 2021

DRAWING NO. 35-0002	BY	DESIGNED ASG	CHECKED NMC	REVIEWED
BRIDGE SHEET 2 OF 9	DATE	DRAWN ASG	DESIGN GROUP	APPROVED



- NOTES:**
- EQUALLY SPACE CONTROL JOINTS AT 10'-0" ± OVER LENGTH OF BRIDGE.
 - CONSTRUCTION JOINTS SHALL BE PLACED AT CONTROL JOINTS, AS REQUIRED.
 - BRIDGE DECK CONCRETE SHALL BE INSTALLED WITH SPECIAL CONCRETE FINISH TO MATCH THE MAIN TRAIL (SEE 38-SERIES). USE 1/4" DEEP SAW CUT FOR CONSTRUCTION JOINTS ON BRIDGE DECK AND APPROACH SLABS.



TIMBER RAILING ELEVATION
SCALE: 1" = 1'-0"

SECTION A-A
SCALE: 1" = 1'-0"

SUPERSTRUCTURE QUANTITIES	
ITEM	TOTAL
LUMP - CY SUPERSTR CONCRETE, CL D, BR NO-1	85
LUMP - LBS SUPERSTR REINF STEEL	15,450
MBM BRIDGE TIMBER, TREATED	3.0

DRAWING NO. 35-0003
BRIDGE SHEET 3 OF 9

DATE	REVISIONS	BY

BRIDGE NO. 1

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ATLANTA BELTLINE

DECK PLAN
ATLANTA BELTLINE NORTHEAST TRAIL
OVER CLEAR CREEK
FULTON COUNTY

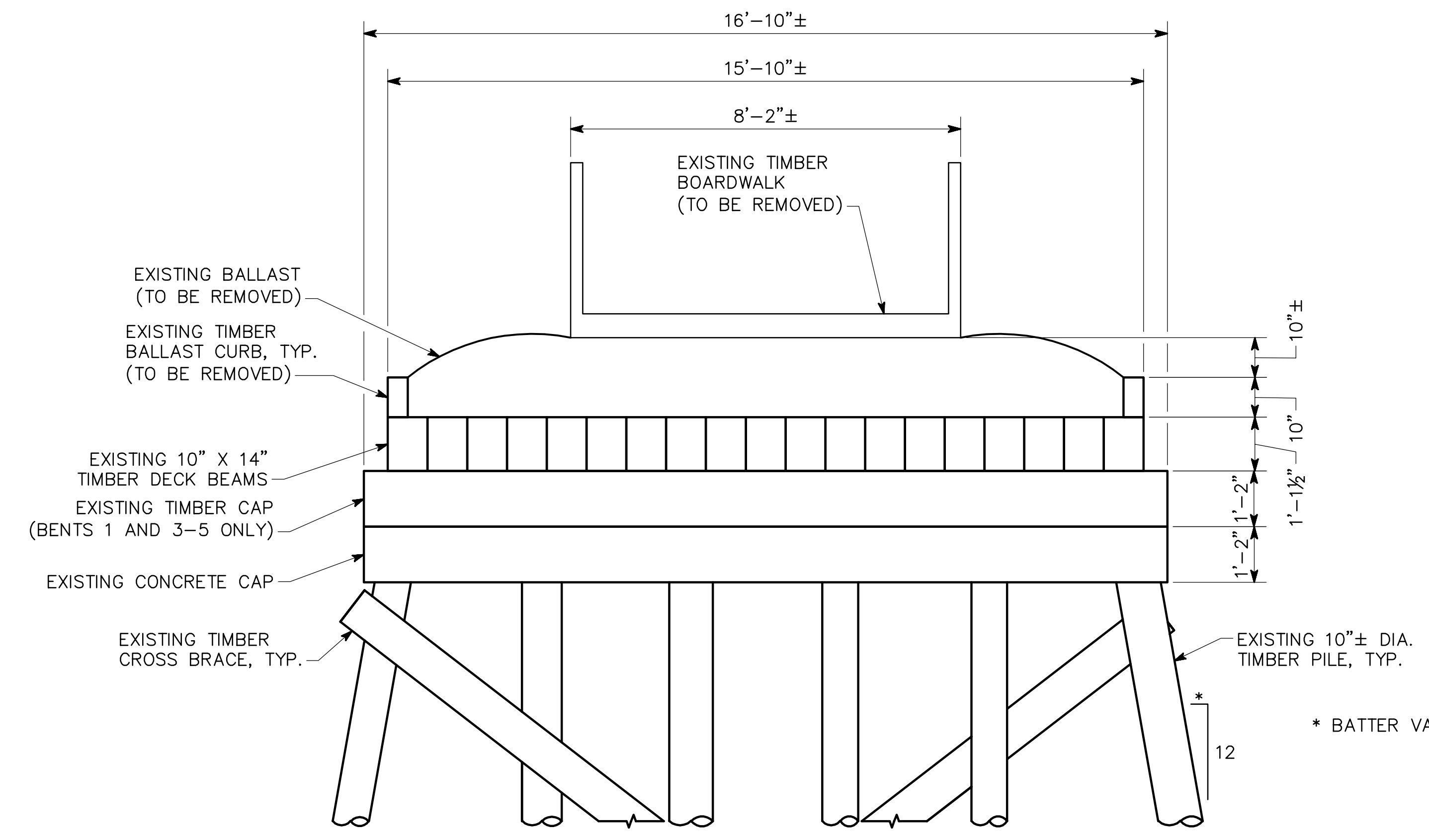
SCALE: AS NOTED
OCTOBER 2021

DESIGNED ASG
DRAWN ASG

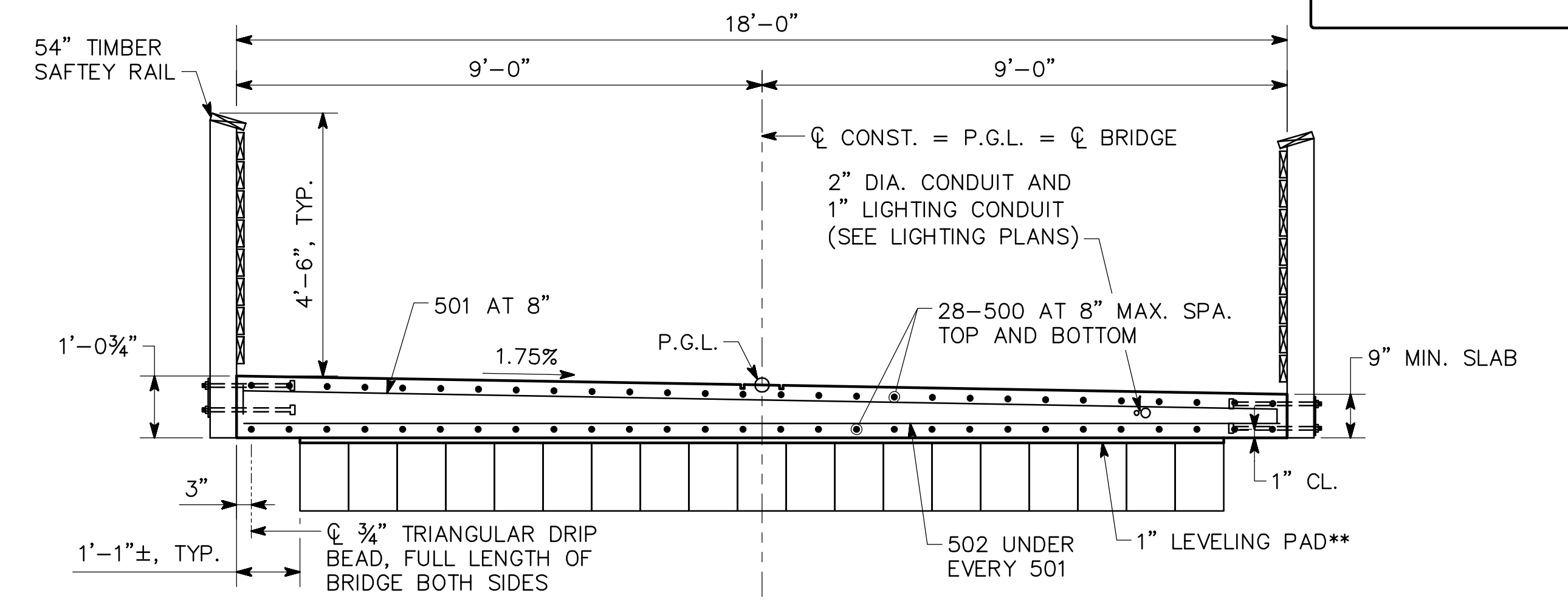
CHECKED NMC
DESIGN GROUP

REVIEWED
APPROVED

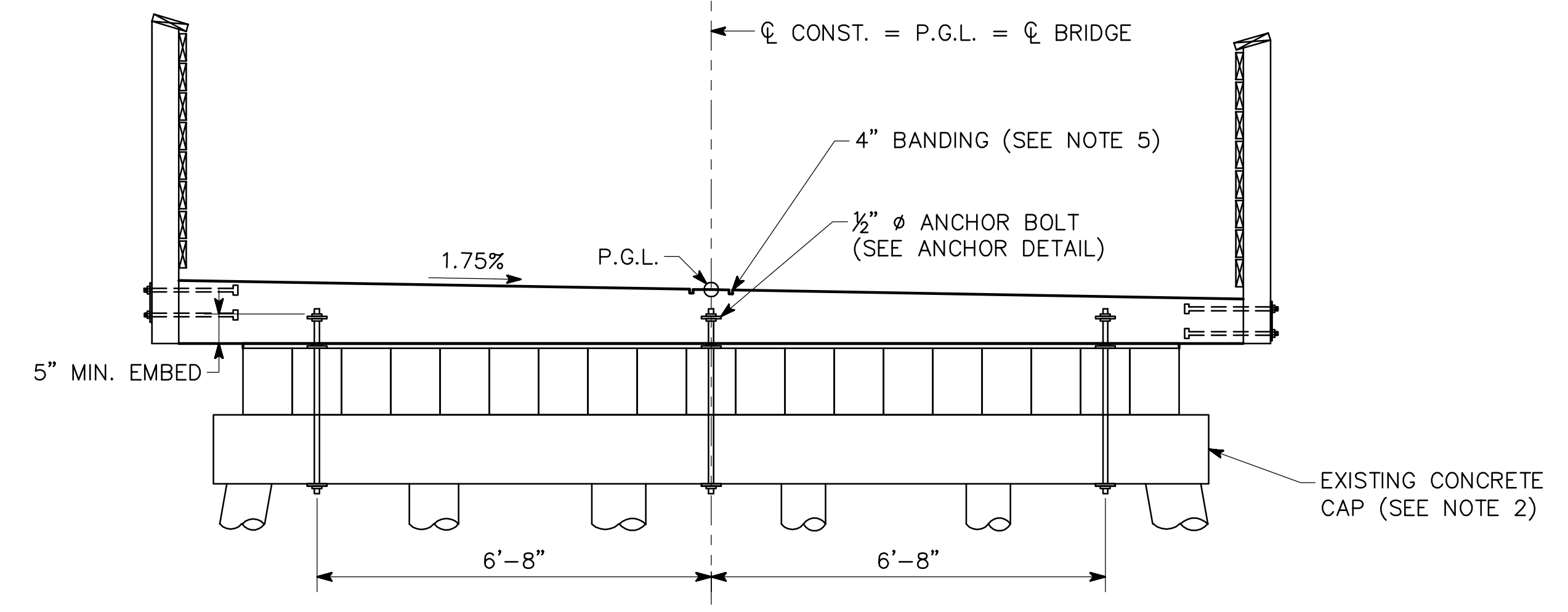
DATE: Oct 22, 2021 TIME: 10:16am USER: kelly.glynn



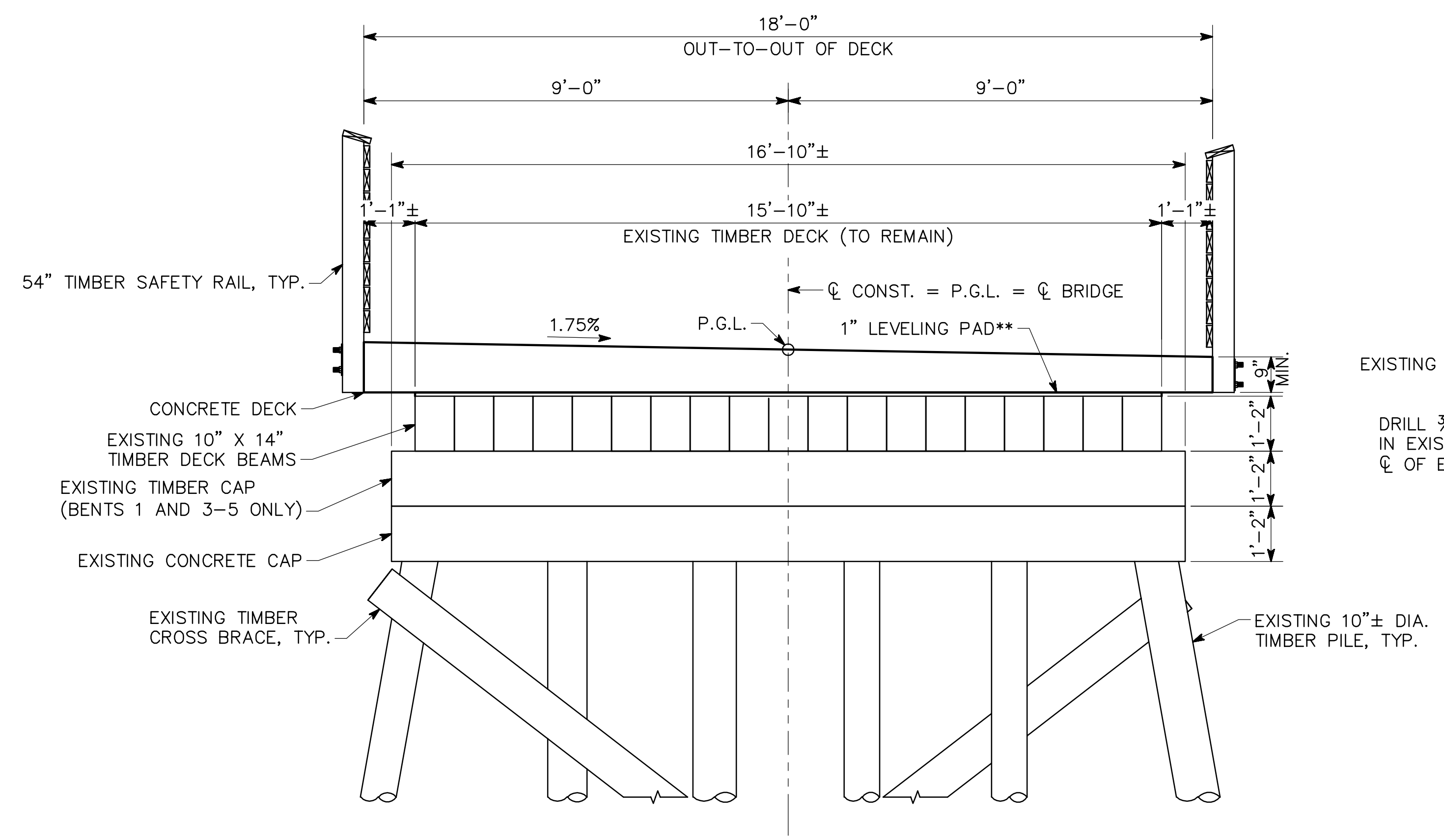
EXISTING TYPICAL SECTION (LOOKING AHEAD)



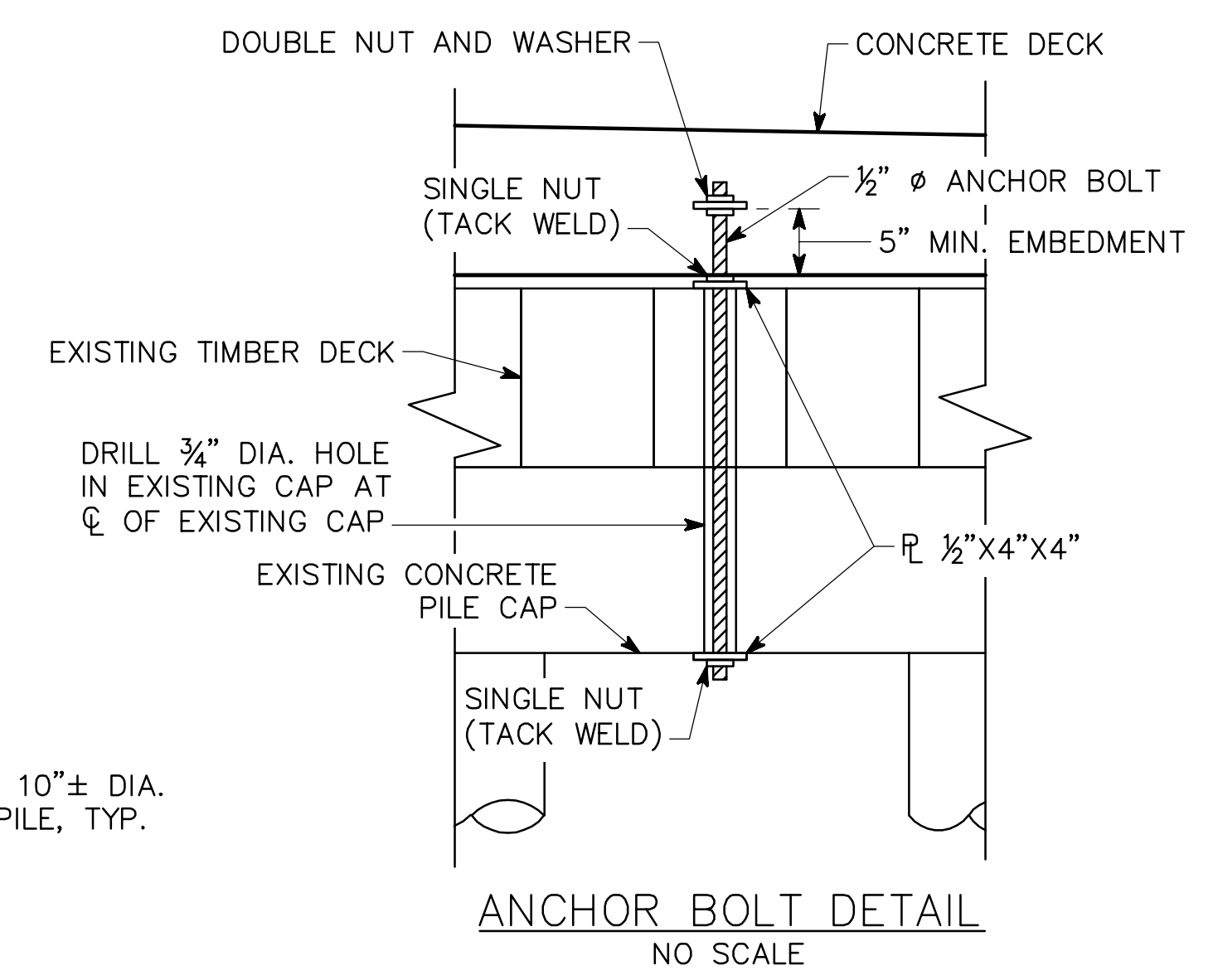
SECTION THRU SLAB (LOOKING AHEAD)



TYPICAL SECTION AT BENTS (LOOKING AHEAD)



PROPOSED TYPICAL SECTION (LOOKING AHEAD)



NOTES:

- ** 1" LEVELING PAD PROVIDED TO ACCOMMODATE UNEVEN SURFACE OF EXISTING TIMBER DECK. CONTRACTOR MAY USE SELF-LEVELING GROUT OR FORM AND POUR MONOLITHICALLY WITH DECK SLAB.
- ANCHOR BOLTS SHALL ALSO EXTEND THROUGH EXISTING TIMBER CAPS AT BENTS 1, AND 3-5.
- PROVIDE EXPANSION JOINT FOR 1" LIGHTING CONDUIT AT BRIDGE EXPANSION JOINTS.
- ALL ANCHOR BOLTS, AND ASSOCIATED NUTS AND WASHERS, SHALL CONFORM TO AASHTO M314, GRADE 55 AND HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123.
- BRIDGE DECK CONCRETE SHALL BE INSTALLED WITH SPECIAL CONCRETE FINISH TO MATCH THE MAIN TRAIL (SEE 38-SERIES). USE 1/4" DEEP SAW CUT FOR BANDING ON BRIDGE DECK AND APPROACH SLABS.

BRIDGE NO. 1

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ATLANTA BELTLINE

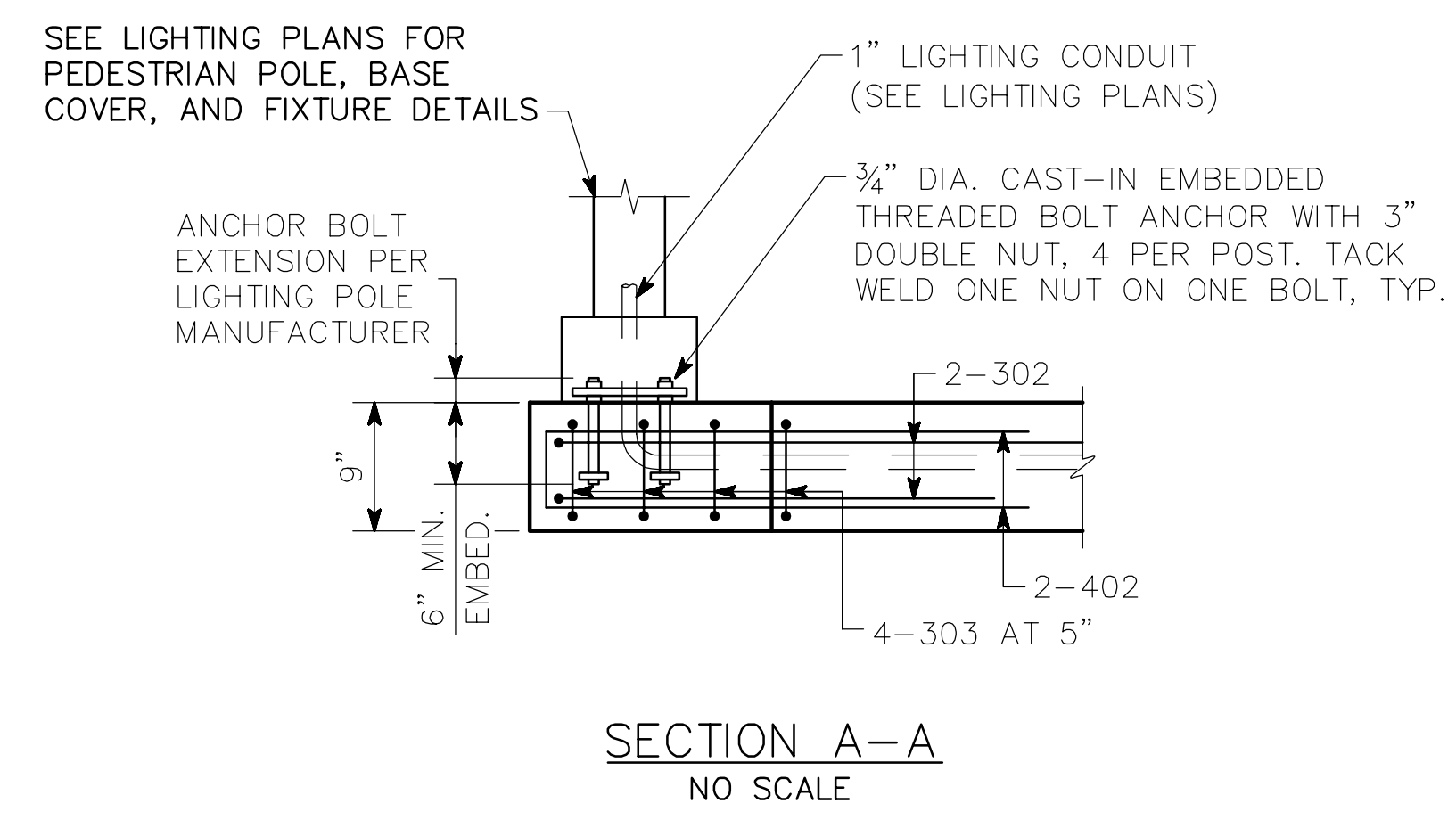
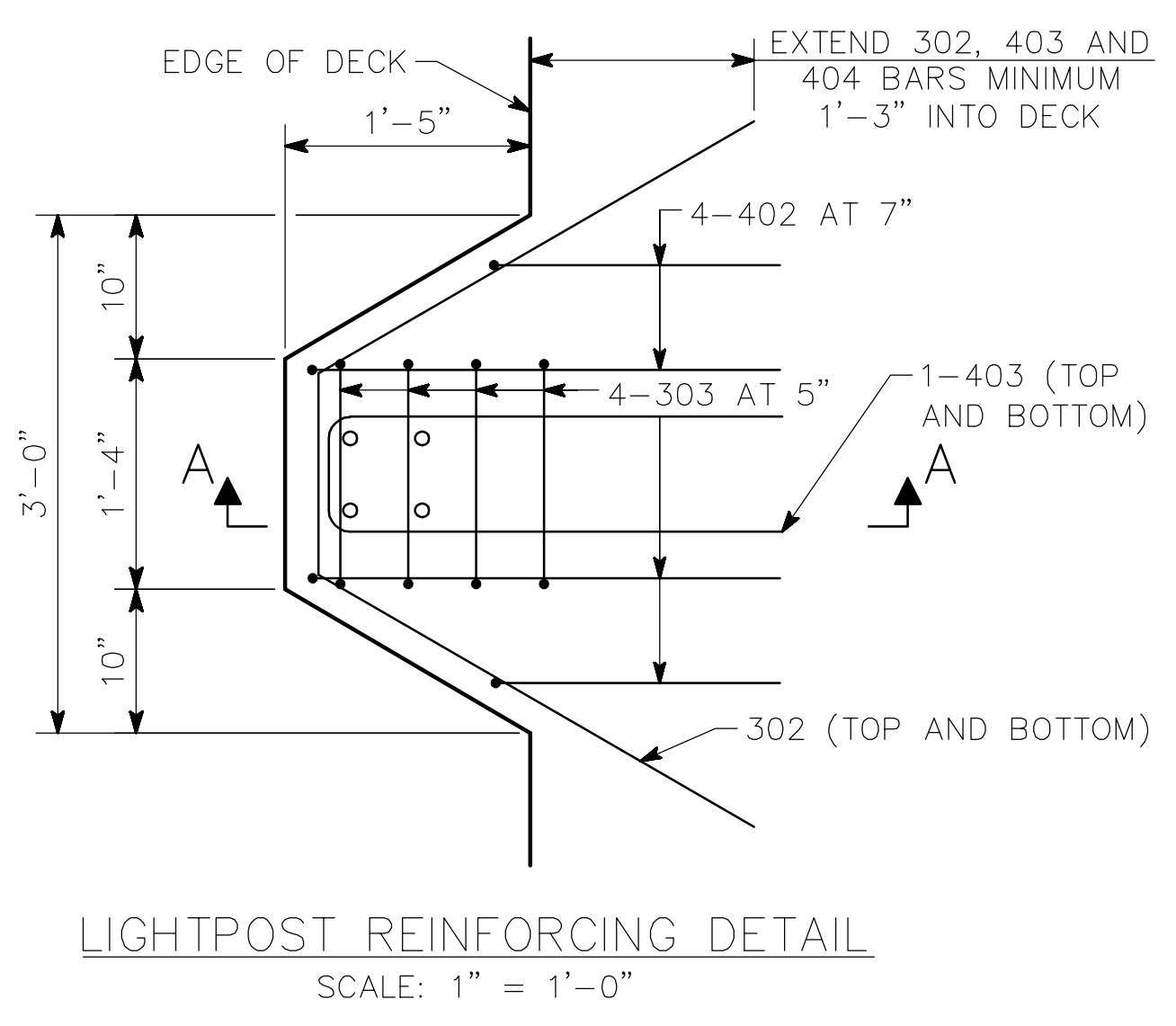
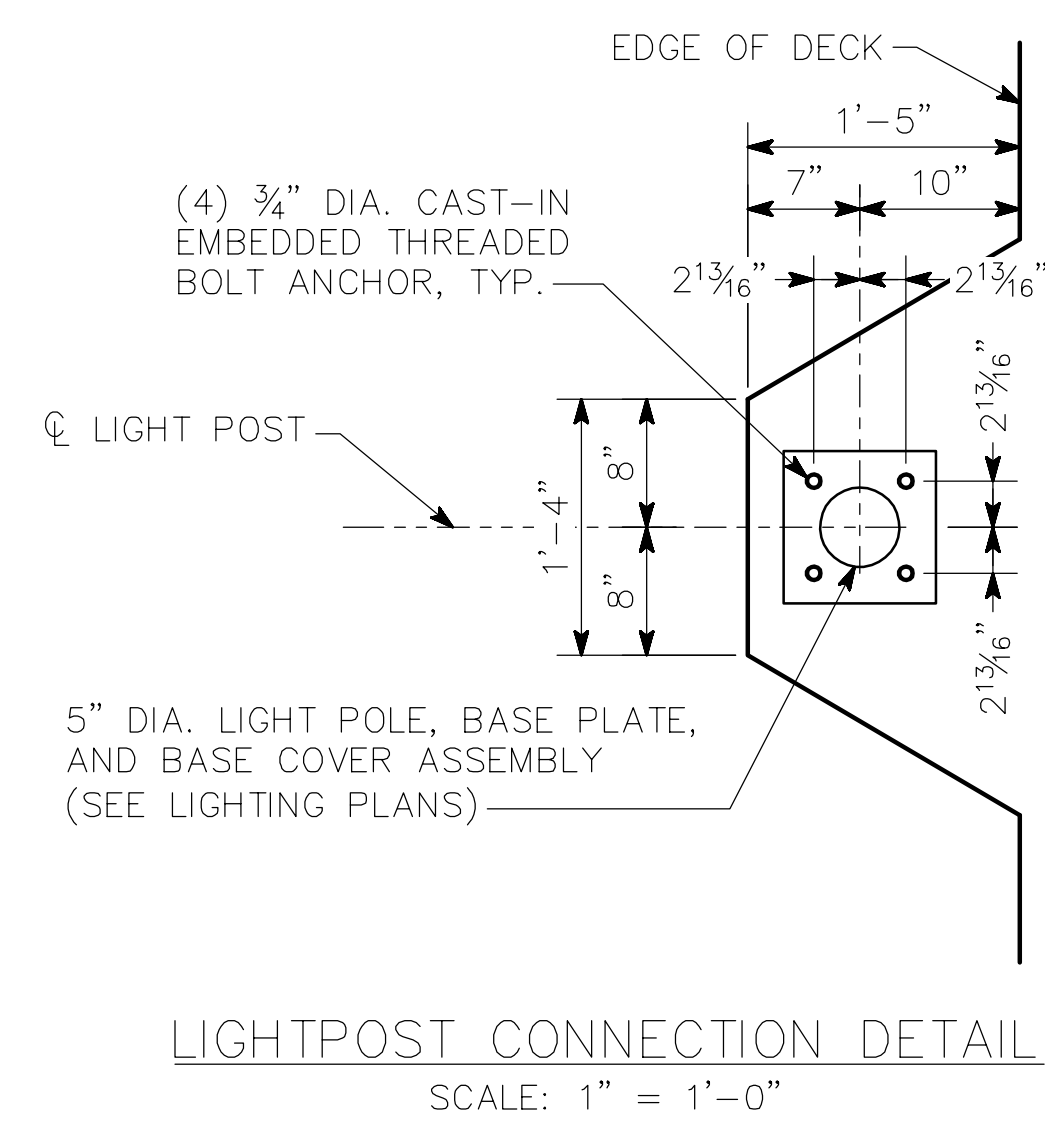
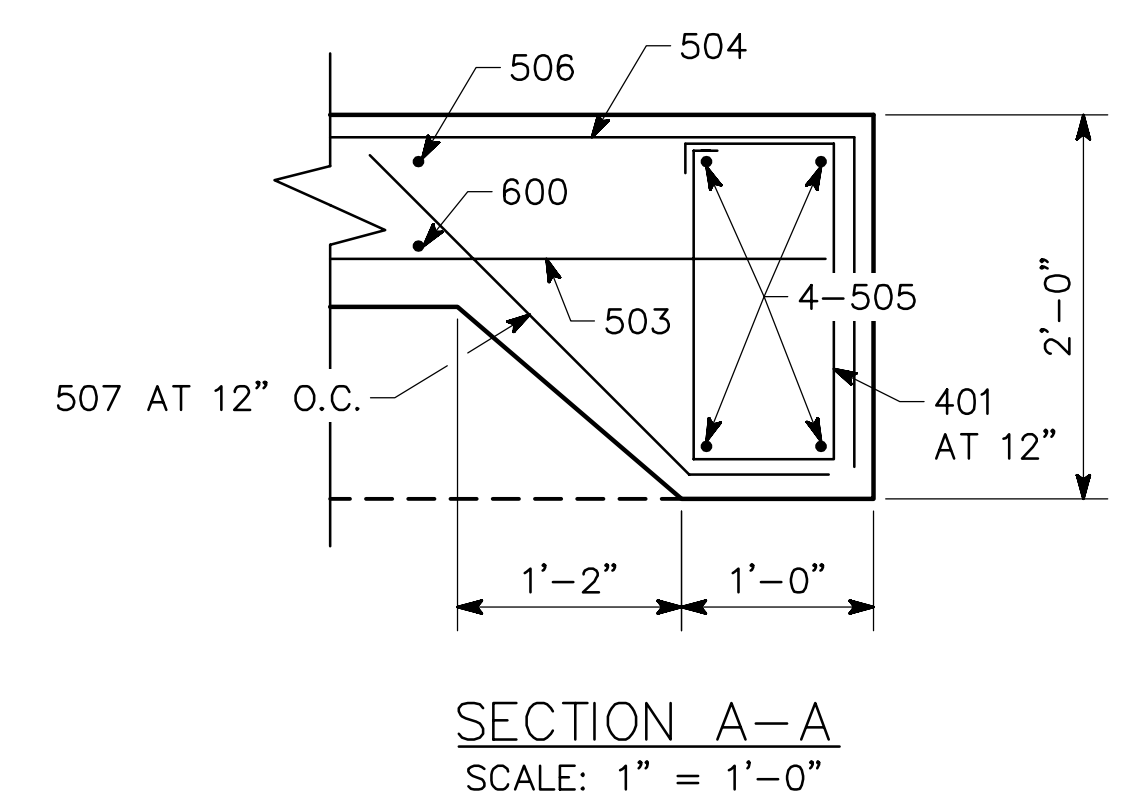
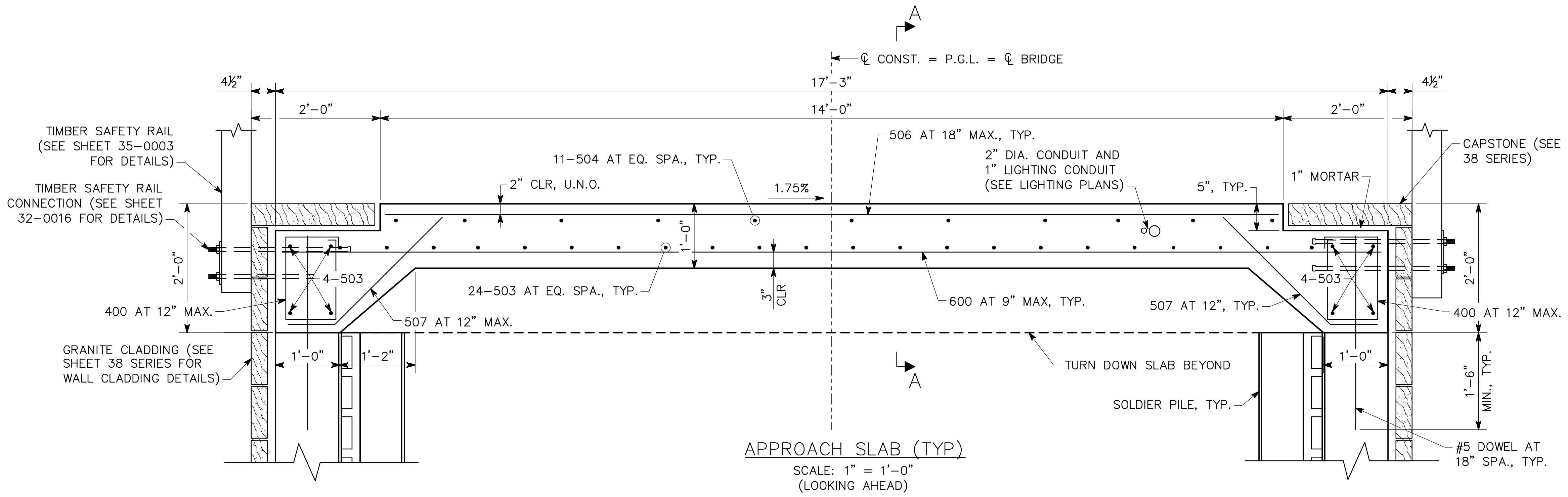
DECK SECTION ATLANTA BELTLINE NORTHEAST TRAIL OVER CLEAR CREEK FULTON COUNTY

SCALE: 1/2" = 1'-0" OCTOBER 2021

DRAWING NO.	35-0004
BRIDGE SHEET	4 OF 9

DATE	REVISIONS	BY

DESIGNED	ASG	CHECKED	NMC	REVIEWED	
DRAWN	ASG	DESIGN GROUP		APPROVED	



- NOTES:**
1. ALL ANCHOR BOLTS, AND ASSOCIATED NUTS AND WASHERS, SHALL CONFORM TO AASHTO M314, GRADE 55 AND HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM 123.
 2. ALL STAINLESS STEEL SHALL CONFORM TO ASTM A666, TYPE 316.
 3. ANCHOR BOLT LAYOUT FOR LIGHT POST SHALL BE VERIFIED WITH LIGHT POST MANUFACTURER.

APPROACH SLAB QUANTITIES	
ITEM	TOTAL
LUMP - CY SUPERSTR CONCRETE, CL D	21
LBS BAR REINFORCING STEEL	2,745

DRAWING NO.	35-0005
BRIDGE SHEET	5 OF 9

DATE	
REVISIONS	
BY	

BRIDGE NO. 1

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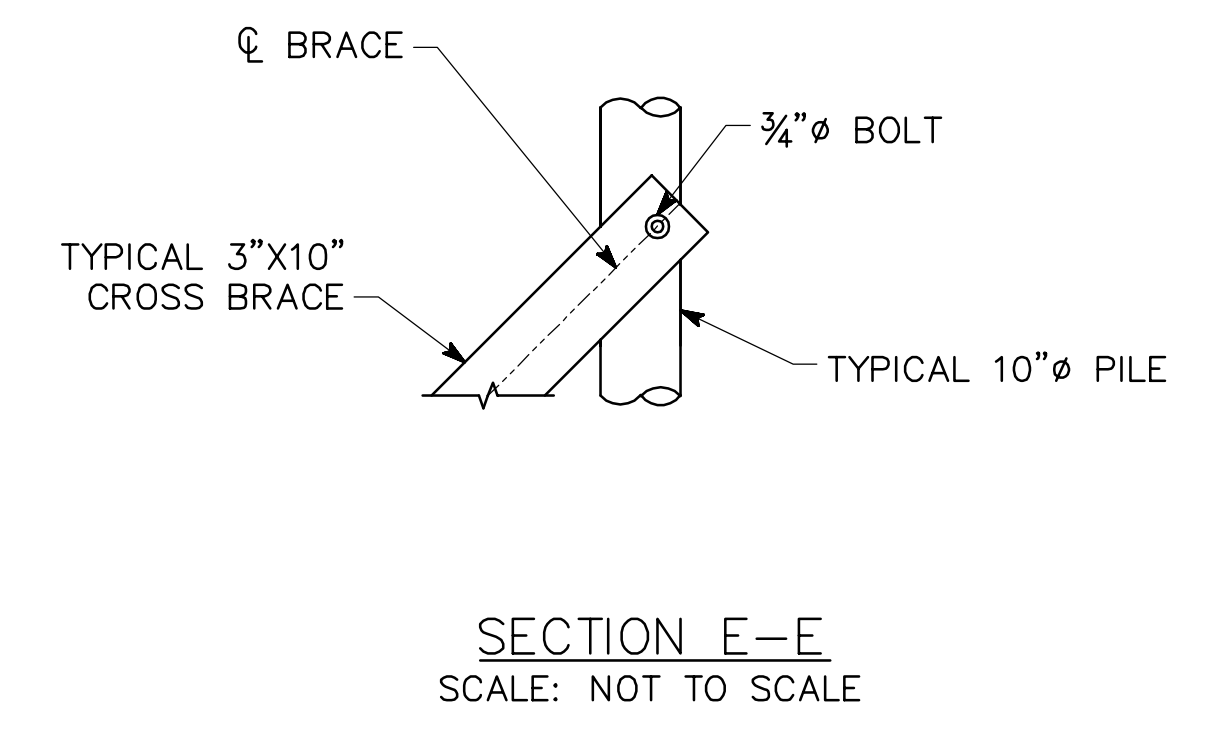
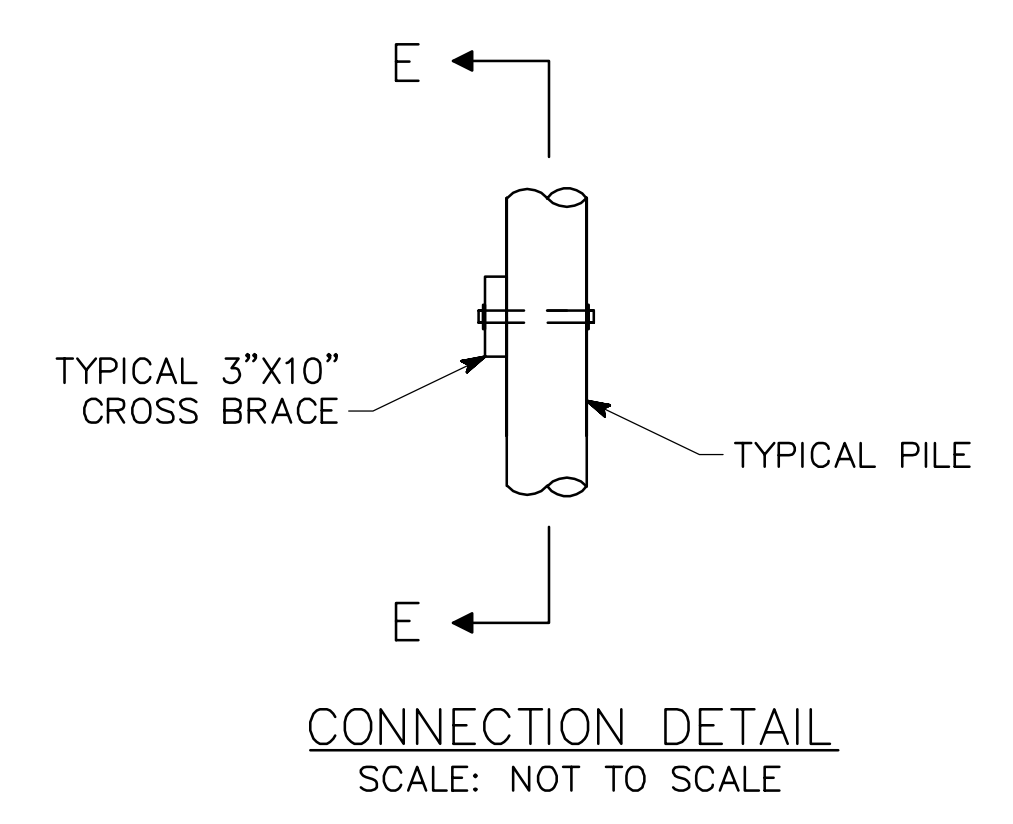
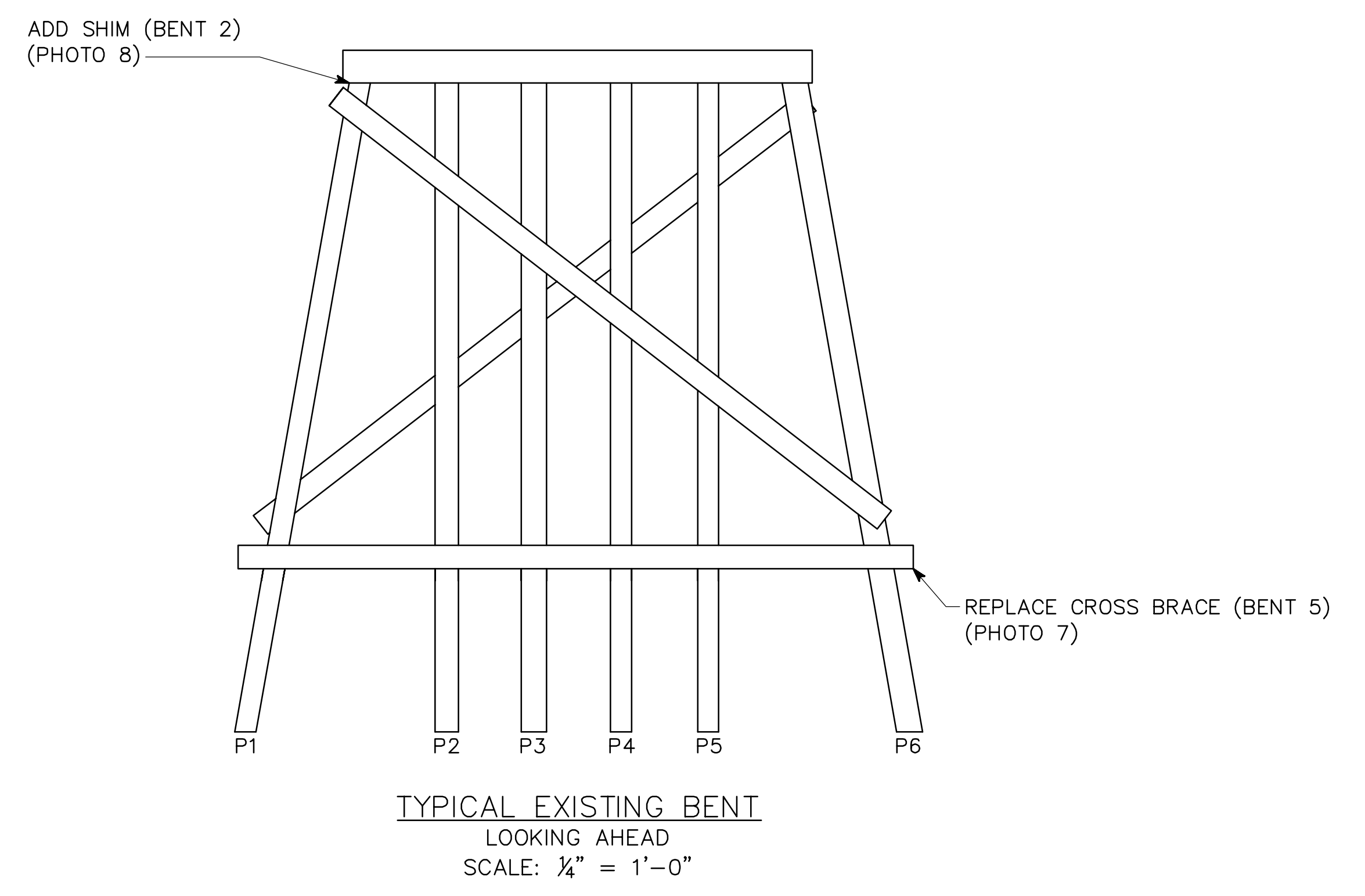
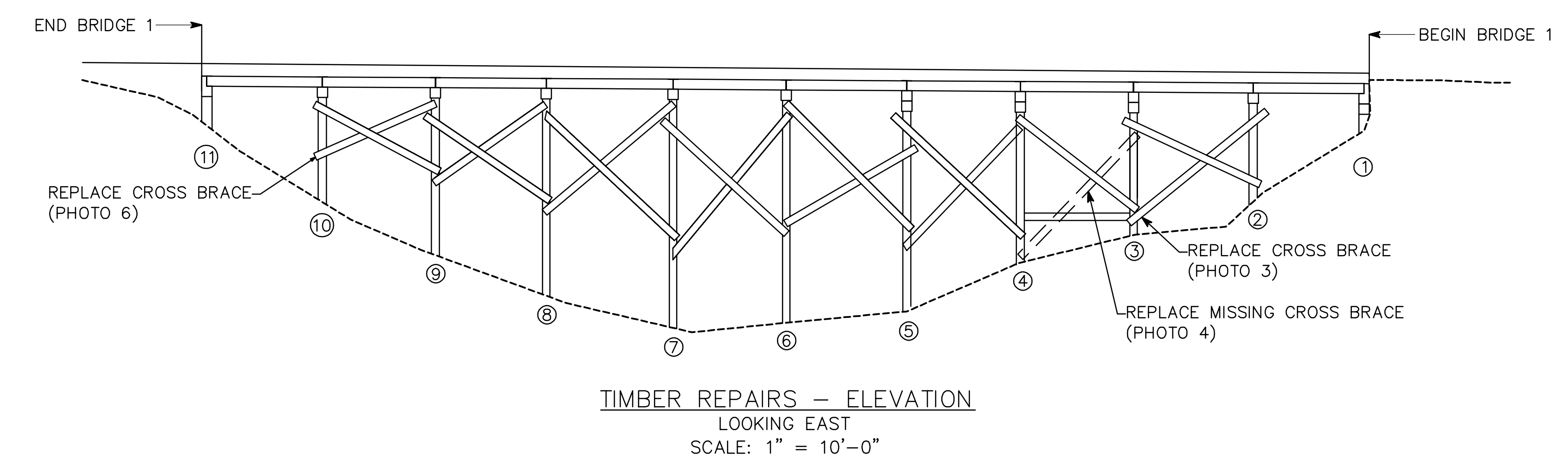
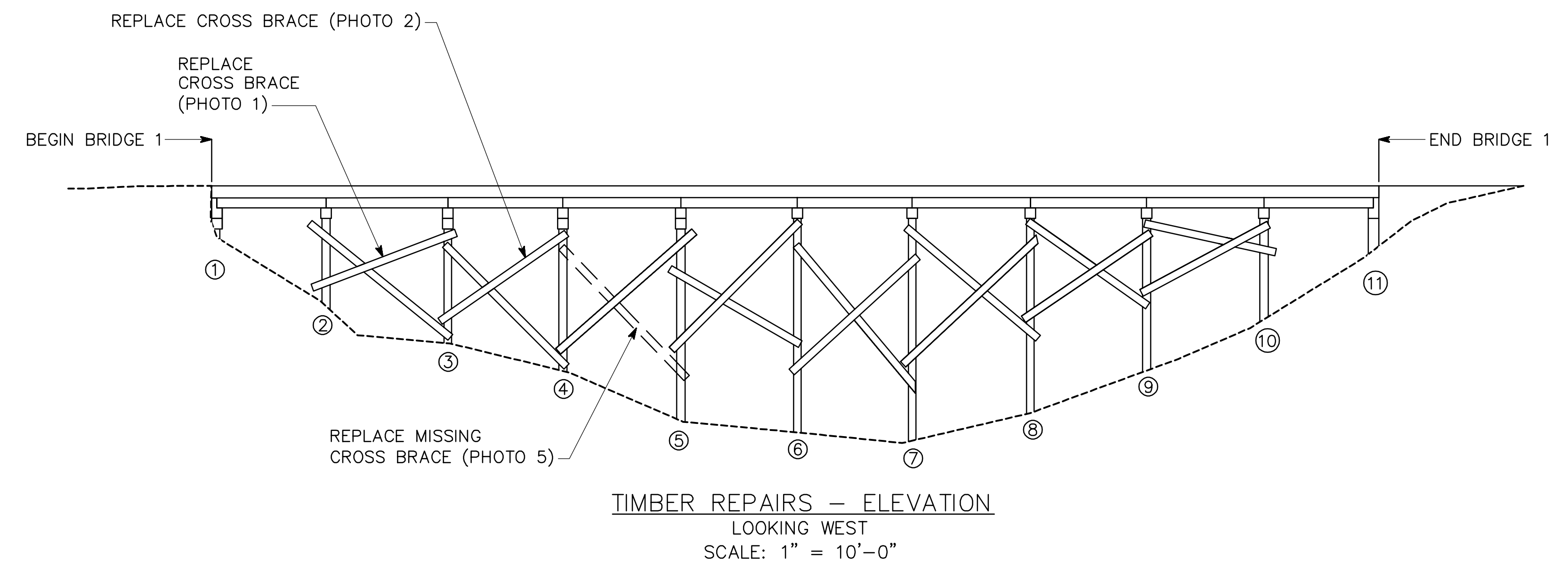
ATLANTA BELTLINE

MISC. SUPERSTRUCTURE DETAILS
ATLANTA BELTLINE NORTHEAST TRAIL
OVER CLEAR CREEK
FULTON COUNTY

SCALE: OCTOBER 2021

DESIGNED <u>ASG</u>	CHECKED <u>NMC</u>	REVIEWED
DRAWN <u>ASG</u>	DESIGN GROUP	APPROVED

DATE: Oct 22, 2021 TIME: 10:15am USER: kelly.glynn



NOTES:

- REPAIRS IDENTIFIED MAY NOT SHOW ALL REPAIRS REQUIRED. CONTRACTOR SHALL IDENTIFY LOCATIONS OF REPAIRS TO BE MADE IN THE FIELD AND ENGINEER SHALL APPROVE ALL REPAIRS.
- BOLTED CONNECTIONS OR ANY ADDITIONAL HARDWARE REQUIRED TO COMPLETE THE REPLACEMENT OR REPAIRS OF TIMBER MEMBERS SHALL BE INCIDENTAL TO THE "BRIDGE TIMBER, TREATED" PAY ITEM.

BRIDGE NO. 1

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ATLANTA BELTLINE

INTERMEDIATE BENT REPAIRS
ATLANTA BELTLINE NORTHEAST TRAIL
OVER CLEAR CREEK
FULTON COUNTY

SCALE: AS NOTED OCTOBER 2021

DRAWING NO.	35-0007
BRIDGE SHEET	7 OF 9

DATE	REVISIONS

DESIGNED	ASG	CHECKED	NMC	REVIEWED	
DRAWN	ASG	DESIGN GROUP		APPROVED	

1 INCH WHEN PRINTED FULL SIZE

BENT.dwg

DATE: Oct 21, 2021 TIME: 11:50pm USER: kelly.glynn



1 REPAIR PHOTO
SCALE: NOT TO SCALE



2 REPAIR PHOTO
SCALE: NOT TO SCALE



3 REPAIR PHOTO
SCALE: NOT TO SCALE



4 REPAIR PHOTO
SCALE: NOT TO SCALE



5 REPAIR PHOTO
SCALE: NOT TO SCALE



6 REPAIR PHOTO
SCALE: NOT TO SCALE



7 REPAIR PHOTO
SCALE: NOT TO SCALE



8 REPAIR PHOTO
SCALE: NOT TO SCALE

NOTES:

- 1. FOR REPAIR TYPE, SEE "INTERMEDIATE BENT REPAIRS."
- 2. FOR REPAIR ESTIMATED QUANTITIES, SEE "GENERAL NOTES."

BRIDGE NO. 1

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ATLANTA BELTLINE

TYPICAL REPAIR PHOTOS
ATLANTA BELTLINE NORTHEAST TRAIL
OVER CLEAR CREEK
FULTON COUNTY

SCALE: NOT TO SCALE OCTOBER 2021

DRAWING NO.
35-0008
BRIDGE SHEET
8 OF 9

REVISIONS	DATE

DESIGNED <u>ASG</u>	CHECKED <u>NMC</u>	REVIEWED
DRAWN <u>ASG</u>	DESIGN GROUP	APPROVED

1 INCH WHEN PRINTED FULL SIZE

LOCATION	NO. OF LOC.	MARK	LENGTH		NO. BARS REQ'D	TYP	AG	B		C		D		E		F		H		J		K		N	Ø
			FT.	IN.				FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.		
APPROACH SLAB	2																								
		400	4-7	22	25	4	4	0-8	1-3																
		401	5-3	30	25	4	4	0-8	1-7																
		503	9-8	32	1																				
		504	12-8	11	2			9-8	1-6	1-6															
		505	17-0	8	1																				
		506	13-8	7	1																				
		507	3-0	44	4			0-8	2-4															45	
		600	16-9	14	1																				
SPANS I-10	1																								
		300	3-0	52	1																				
		301	4-10	104	19			2-2	2-2	0-0	0-3														
		302	3-6	12	25	4	4	1-0	0-5																
		303	6-4	6	6			1-0	2-8	0-0	2-8													60	60
		402	4-11	12	2			0-5	2-3	2-3															
		403	5-4	6	2			0-7	2-3	2-3															
		500	44-3	168	1																				
		501	18-8	194	2			17-8	0-6	0-6															
		502	17-8	194	1																				
END BENT I	1																								
		410	10-9	12	25	4	4	2-6	2-6																
		411	11-6	8	1																				
END BENT II	1																								
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		411	11-6	8	1																				

P.I. NO.

DATE: Oct 21, 2021 TIME: 11:55pm

USER: kelleyglynn

BRIDGE NO. 1



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ATLANTA BELTLINE

BAR REINFORCEMENT SCHEDULE
 ATLANTA BELTLINE NORTHEAST TRAIL
 OVER CLEAR CREEK
 FULTON COUNTY

SCALE: NO SCALE OCTOBER 2021

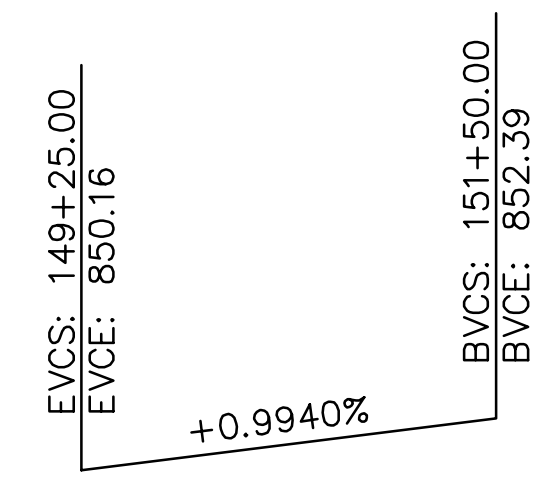
DRAWING NO.
35-0009
BRIDGE SHEET
9 OF 9

DATE	
REVISIONS	
BY	

DESIGNED: ASG	CHECKED: NMC	REVIEWED:
DRAWN: ASG	DESIGN GROUP:	APPROVED:

CURVE #17
 P.I. STA. = 150+23.00
 N = 1385117.13
 E = 2232556.04
 DELTA = 00°-56'-53"
 D = 00'-49'-06.64"
 T = 57.91 FT
 L = 115.83 FT
 R = 7000 FT
 E = 0.24
 SE = 1.75%

HORIZONTAL CURVE DATA



VERTICAL CURVE DATA

NOTES:

- ** STATIONS AND ELEVATIONS ARE AT INTERSECTION OF PROFILE GRADE LINE AND B.F.B.W. OR ϕ BENT. STATIONS AT EXISTING ϕ BENT OR BEGIN/END BRIDGE ARE APPROXIMATE AND SHOULD BE CONFIRMED IN THE FIELD PRIOR TO CONSTRUCTION.
- ALL BENTS ARE PARALLEL.
- ANGLES ARE MEASURED TO THE TANGENT OF THE ϕ CONSTRUCTION AT INTERSECTION WITH THE B.F.B.W. OR ϕ BENT.
- B.F.B.W. = BACK FACE OF BACK WALL.

EXISTING BRIDGE SERIAL NUMBER: 121-0488-0
 U.S. DOT/FRA CROSSING/INVENTORY NUMBER: 935122N

BRIDGE NO. 2

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ATLANTA BELTLINE

PLAN AND ELEVATION
 ATLANTA BELTLINE NORTHEAST TRAIL
 OVER SR 13 (BUFORD SPRING CONNECTOR)
 FULTON COUNTY

SCALE: 1" = 10'-0" OCTOBER 2021

DESIGNED: ASS CHECKED: NMC REVIEWED: _____
 DRAWN: ASS DESIGN GROUP APPROVED: _____

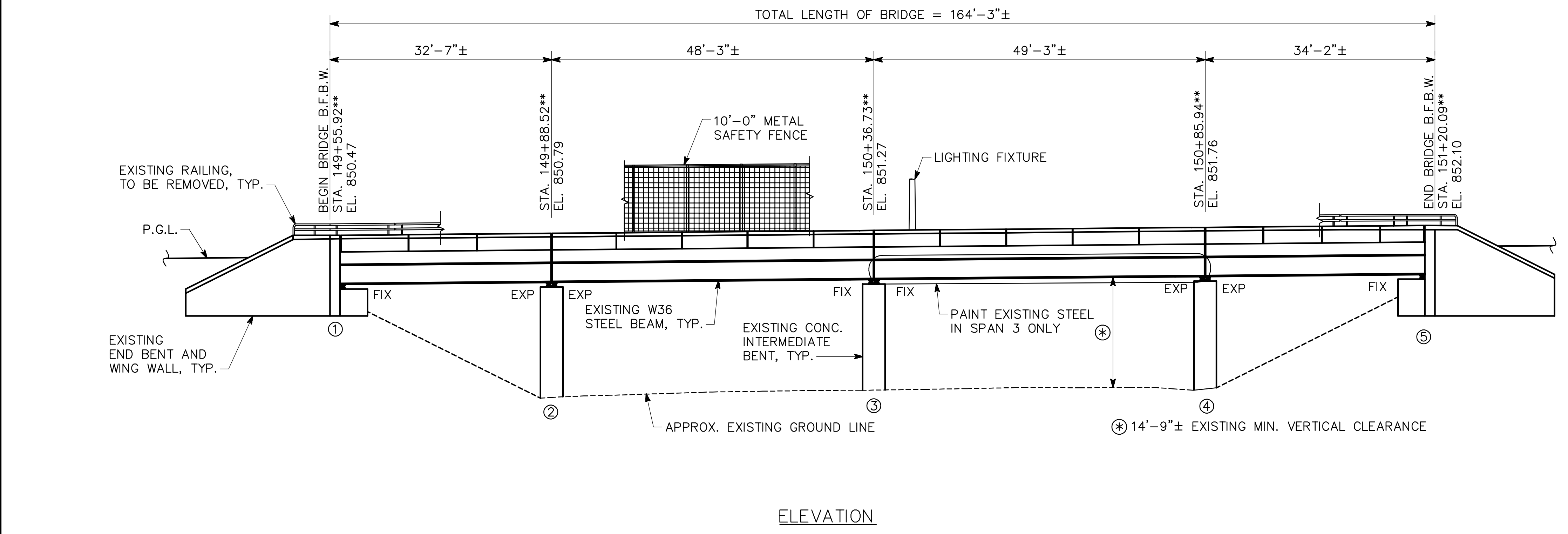
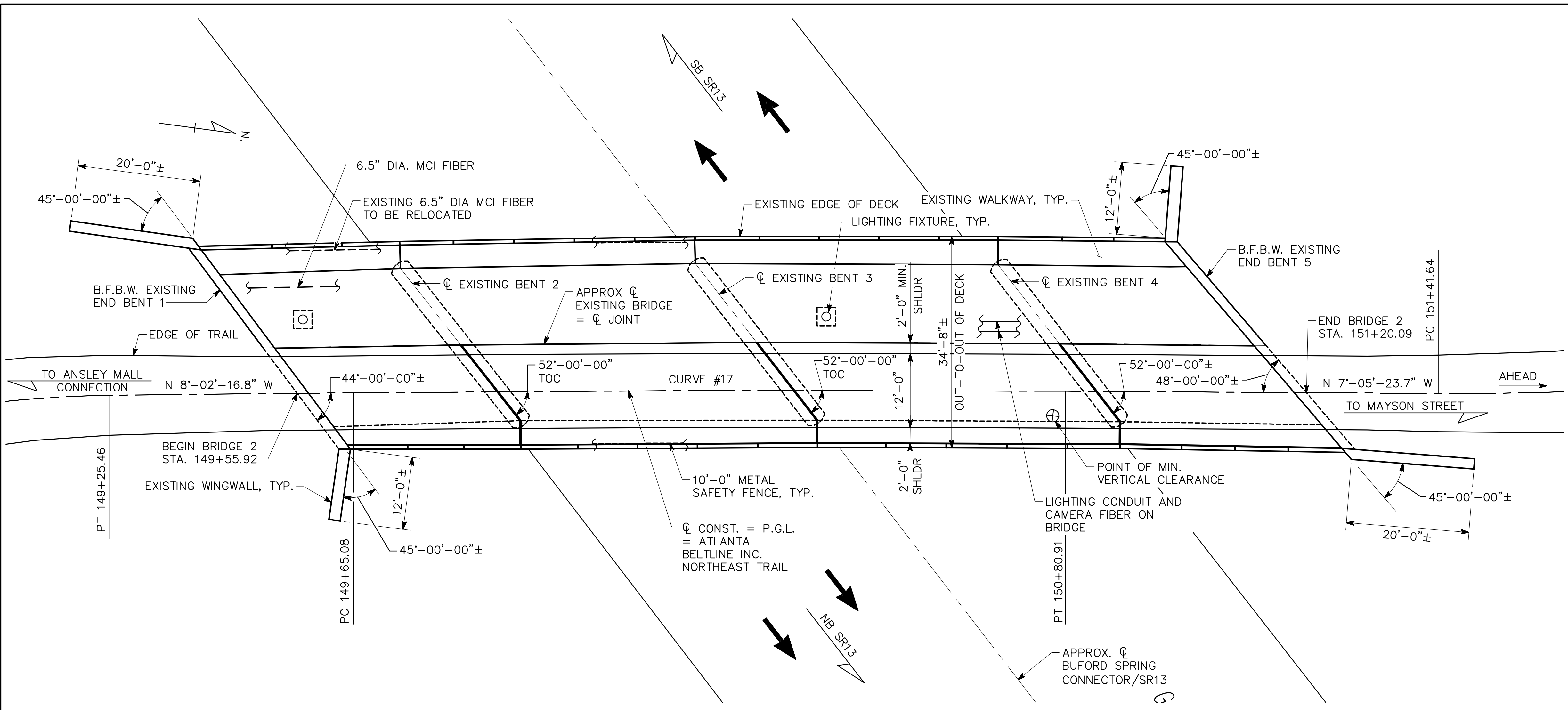
DATE	REVISIONS



DRAWING NO. 35-0101
 BRIDGE SHEET 1 OF 9

1 INCH WHEN PRINTED FULL SIZE

PE.dwg



DATE: Oct 18, 2021 TIME: 8:03pm

USER: kelly.glynn

BRIDGE CONSISTS OF

- 1 - 32'-7" W BEAM SIMPLE SPAN (EXISTING)
- 1 - 48'-3" W BEAM SIMPLE SPAN (EXISTING)
- 1 - 49'-3" W BEAM SIMPLE SPAN (EXISTING)
- 1 - 34'-2" W BEAM SIMPLE SPAN (EXISTING)
- 2 - CONCRETE ABUTMENT END BENTS (EXISTING)
- 3 - CONCRETE INTERMEDIATE BENTS (EXISTING)
- 1 - SAFETY FENCE ----- SPECIAL DESIGN

BAR BENDING DETAILS-----GA. STD. 3901(8-69)

UTILITIES

- ELECTRICAL CONDUIT-----ATLANTA BELTLINE INC
- CAMERA FIBER-----CITY OF ATLANTA
- BURIED FIBER CONDUIT-----MCI/VERIZON

EXISTING UTILITIES

- OVERHEAD POWER TRANSMISSION-----GEORGIA POWER
- FIBER CONDUIT-----MCI / VERIZON
- ELECTRICAL CONDUIT-----UNKNOWN

GENERAL NOTES

- SPECIFICATIONS - GEORGIA STANDARD SPECIFICATIONS, 2021 EDITION, AS MODIFIED BY CONTRACT DOCUMENTS.
- REINFORCING STEEL - PLACE AND TIE ALL REINFORCING STEEL IN ACCORDANCE WITH THE GEORGIA DOT SPECIFICATIONS. DO NOT WELD REINFORCING STEEL. MAINTAIN 2" MINIMUM CLEARANCE ON ALL REINFORCEMENT UNLESS OTHERWISE NOTED.
- CHAMFER - CHAMFER ALL EXPOSED CONCRETE EDGES 3/4" UNLESS OTHERWISE NOTED.
- PROTECTIVE PLATFORMS - PROVIDE PROTECTIVE PLATFORMS AT THIS SITE, SEE SECTION 510 OF THE GEORGIA DOT SPECIFICATIONS. MAINTAIN A MINIMUM VERTICAL CLEARANCE OF 14'-3" ABOVE SR 13.
- TRAFFIC CONTROLS - SEE ROADWAY PLANS FOR TRAFFIC CONTROLS AND TRAFFIC CONTROL PAYMENT.

GENERAL NOTES (CONT.)

- DIMENSIONS AND ELEVATIONS - VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO ORDERING MATERIALS OR BUILDING FORMS. LIGHT LINES INDICATE THE EXISTING STRUCTURE AND HEAVY LINES INDICATE THE NEW STRUCTURE.
- EXISTING BRIDGE PLANS - ORIGINAL BRIDGE PLANS MAY BE OBTAINED UPON REQUEST FROM ATLANTA BELTLINE INC.
- EXISTING SLOPE PAVING - TAKE CARE TO PREVENT DAMAGING THE EXISTING SLOPE PAVING. REPAIR ANY DAMAGE THAT OCCURS TO THE SLOPE PAVING. INCLUDE THE COST FOR REPAIR OF SLOPE PAVING IN PRICE BID FOR "LUMP REMOVAL OF PARTS OF EXISTING BR."
- WELDING - ALL WELDING ON GEORGIA DOT PROJECTS SHALL BE PERFORMED BY GDOT CERTIFIED WELDERS THAT HAVE IN THEIR POSSESSION A CURRENT WELDING CERTIFICATION CARD ISSUED BY THE OFFICE OF MATERIALS AND TESTING. USE ONLY E70XX (EXCLUDING E7014 AND E7024) LOW HYDROGEN ELECTRODES FOR MANUAL SHIELDED METAL ARC WELDING.
- EXISTING BRIDGE JOINTS - CLEAN EXISTING BRIDGE CONSTRUCTION AND EXPANSION JOINTS OF ALL DIRT, REFUSE AND EXISTING SEALANT AS PER SUB-SECTIONS 461.3.05.A OF THE GEORGIA DOT SPECIFICATIONS. SEAL JOINTS USING SILICONE SEALANT (TYPE B, C, OR D) AS PER SUB-SECTIONS 461.3.05.C AND 833.2.06 OF THE GEORGIA DOT SPECIFICATIONS. INCLUDE THE COST OF MATERIALS AND INSTALLATION IN THE OVERALL BID SUBMITTED.
- PAINT - CLEAN AND PAINT EXISTING STRUCTURAL STEEL IN SPAN 3 ONLY, INCLUDING STEEL ROCKER BEARINGS AND DIAPHRAGMS, AS PER SECTION 535 OF THE GEORGIA DOT SPECIFICATIONS. USE SYSTEM VII FOR EXISTING STRUCTURAL STEEL. PAINTING OF EXISTING STEEL SHALL OCCUR AFTER EXISTING BRIDGE JOINT REPLACEMENT, DECK WATERPROOFING AND DECK DRAINAGE SYSTEM IS COMPLETE.
- SALVAGE MATERIAL - NO MATERIAL REMOVED FROM THE EXISTING STRUCTURE SHALL BE SALVAGED FOR USE BY THE OWNER.
- WATERPROOFING MEMBRANE - INSTALL APPROVED BRIDGE DECK WATERPROOFING MEMBRANE IN ACCORDANCE WITH SECTION 533 OF THE GEORGIA DOT SPECIFICATIONS AND THE MANUFACTURER'S RECOMMENDATIONS. TURN MEMBRANE MINIMUM 4 INCHES UP AT FACE OF EACH CURB AND OVER BACKWALL. SEE QPL-22 FOR APPROVED WATERPROOFING MATERIALS. APPLY 2 LAYERS OF PROTECTIVE ASPHALTIC PANELS FOR A TOTAL 1" THICKNESS. PANEL JOINTS SHALL BE STAGGERED.
- INCIDENTAL ITEMS - INCLUDE THE COST INCIDENTAL TO THE WORK THAT IS NOT SPECIFICALLY COVERED BY THE GEORGIA STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND/OR SPECIAL PROVISIONS IN THE OVERALL BID SUBMITTED. THIS INCLUDES THE COST OF JOINT FILLERS, EXCAVATION, AND OTHER INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK.
- PATCHING CONCRETE - CONCRETE REPAIR SHALL BE IN ACCORDANCE WITH PROJECT PLANS AND SPECIAL PROVISION 521 AS DIRECTED BY THE ENGINEER.
- OVERHEAD ELECTRICAL UTILITY COORDINATION - CONTRACTOR SHOULD NOTE THAT CONSTRUCTION OF BRIDGE, INCLUDING PILE DRIVING AND ERECTION OF BRIDGE BEAMS, IS TO ACCOMMODATE OVERHEAD ELECTRICAL UTILITY LINES. GEORGIA POWER OVERHEAD ELECTRICAL DISTRIBUTION LINES MAY BE DE-ENERGIZED WITH COORDINATION AND APPROVAL WITH GEORGIA POWER. MEAG POWER OVERHEAD ELECTRICAL TRANSMISSION LINES ARE TO REMAIN ENERGIZED AND ALL EQUIPMENT TO MAINTAIN A RADIAL CLEARANCE OF 25 FEET, OR AS DIRECTED BY MEAG POWER.

DESIGN DATA

- SPECIFICATIONS-----AASHTO LRFD 7TH EDITION WITH 2016 INTERIM REVISIONS
AASHTO LRFD GUIDE FOR DESIGN OF PEDESTRIAN BRIDGES, 2ND EDITION, 2009
(SEISMIC PERFORMANCE ZONE 1)
- DESIGN VEHICLE LIVE LOAD-----H-10 MAINTENANCE VEHICLE
- DESIGN PEDESTRIAN LIVE LOAD-----90 PSF
- CONCRETE: SUPERSTRUCTURE AND APPROACH SLAB-----CLASS D, f'c = 4,000 PSI
- REINFORCEMENT STEEL-----GRADE 60, fy = 60,000 PSI

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500-1011	LUMP	LS	SUPERSTR CONCRETE, CL D, BR NO-2 (76)
511-3000	LUMP	LS	SUPERSTR REINF STEEL, BR NO-2 (12472)
515-XXXX	329	LF	10'-0" METAL SAFETY RAIL
521-3000	150	SF	PATCHING CONCRETE BRIDGE
528-0501	100	LF	EPOXY PRESSURE INJECTION OF CONCRETE CRACKS
533-0010	477	SY	BRIDGE DECK WATERPROOFING MEMBRANE, METHOD A
535-1005	LUMP	LS	PAINT EXIST STEEL STRUCTURE, BR ID - 121-0488-0
540-1202	LUMP	LS	REMOVAL OF PARTS OF EXISTING BRIDGE, BR NO-2
544-1000	LUMP	LS	DECK DRAIN SYSTEM, BR NO-2

BASE BID - REPAIR ESTIMATED QUANTITIES

ITEM NO.	REPAIR DESCRIPTION	QUANTITY THIS AREA	UNITS	GDOT SPECIFICATION	PAY ITEM	DETAIL (SHEET 35-0108)	REPRESENTATIVE IMAGES (SHEET 35-0107)	NOTES
S.1 OR S.2	REMOVE AND REPLACE JOINT SEALANT WITHIN LIMITS OF WORK WHERE EXISTING JOINTS EXIST	400	LF	461.3.05	461-2000	--	--	--
S.3	PERFORM SHALLOW DEPTH CONCRETE REPAIR	70	SF	521	521-3000	S.3	--	ASSUME 2" DEPTH
S.4	PERFORM DEEP CONCRETE REPAIR	.37	CF	521	521-3000	S.4	#4 AND #5	ASSUME 4" DEPTH
S.5	PERFORM OVERHEAD/VERTICAL CONCRETE REPAIR	50	SF	521	521-3000	S.5	#1, #2, #3, AND #6	ASSUME 2" DEPTH
S.6	EPOXY INJECT PARTIAL DEPTH CONCRETE CRACKS	100	LF	528	528-0501	--	#7	--

BRIDGE NO. 2

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ATLANTA BELTLINE

GENERAL NOTES
ATLANTA BELTLINE NORTHEAST TRAIL
OVER SR 13 (BUFORD SPRING CONNECTOR)
FULTON COUNTY

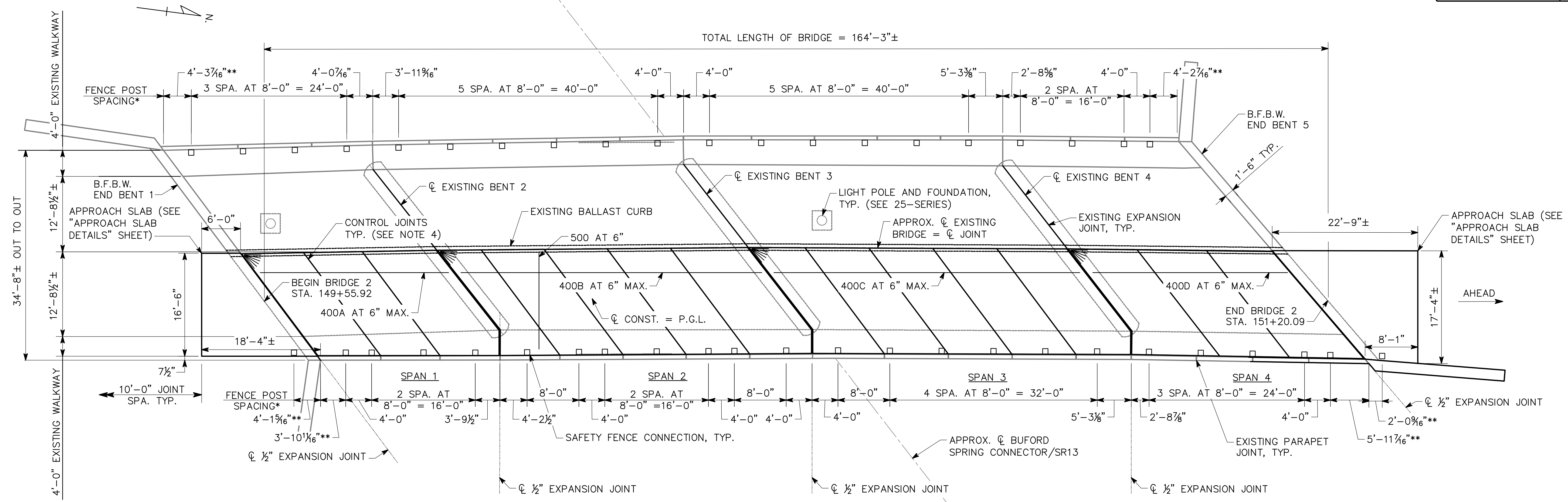
SCALE: NO SCALE OCTOBER 2021

DRAWING NO. 35-0102	DESIGNED ASG	CHECKED NMC	REVIEWED
BRIDGE SHEET 2 OF 9	DRAWN ASG	DESIGN GROUP	APPROVED

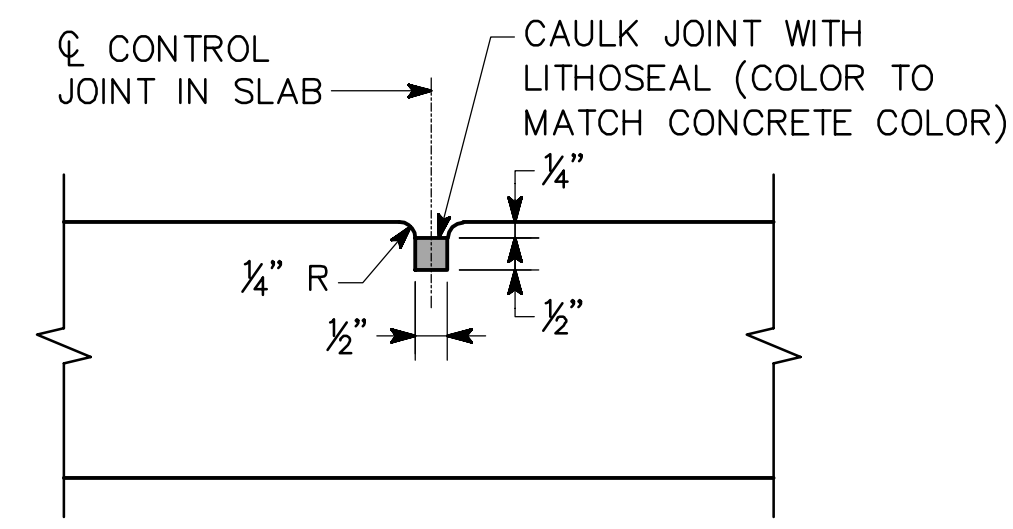
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GN.dwg

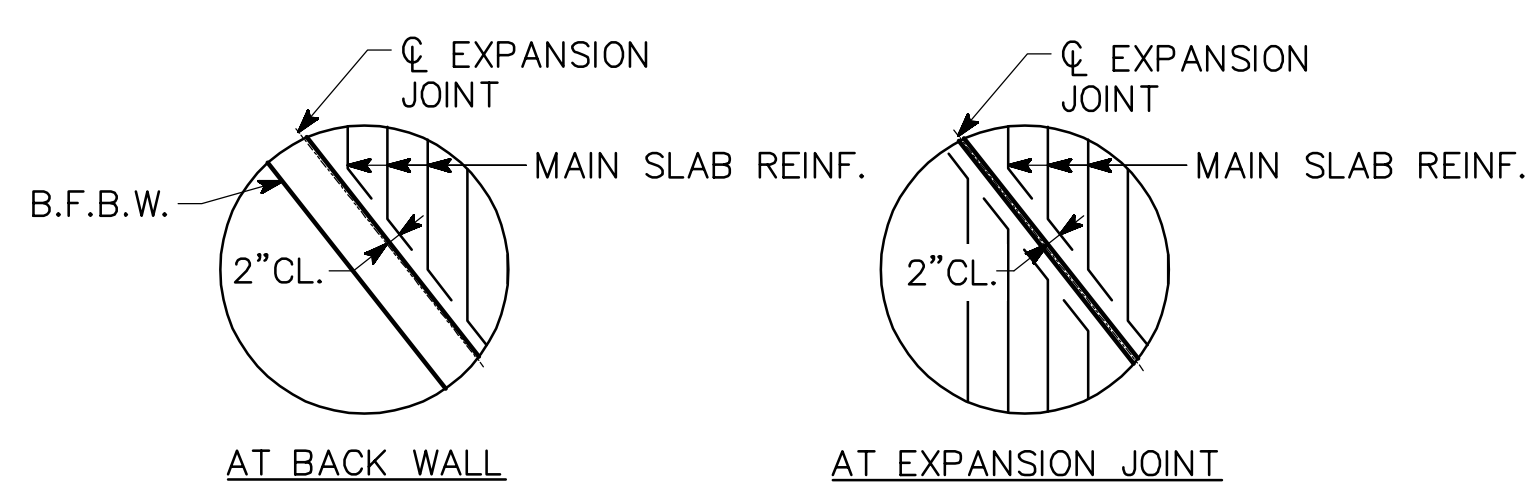
DATE: Oct 19, 2021 TIME: 2:17pm USER: kelleyslynn



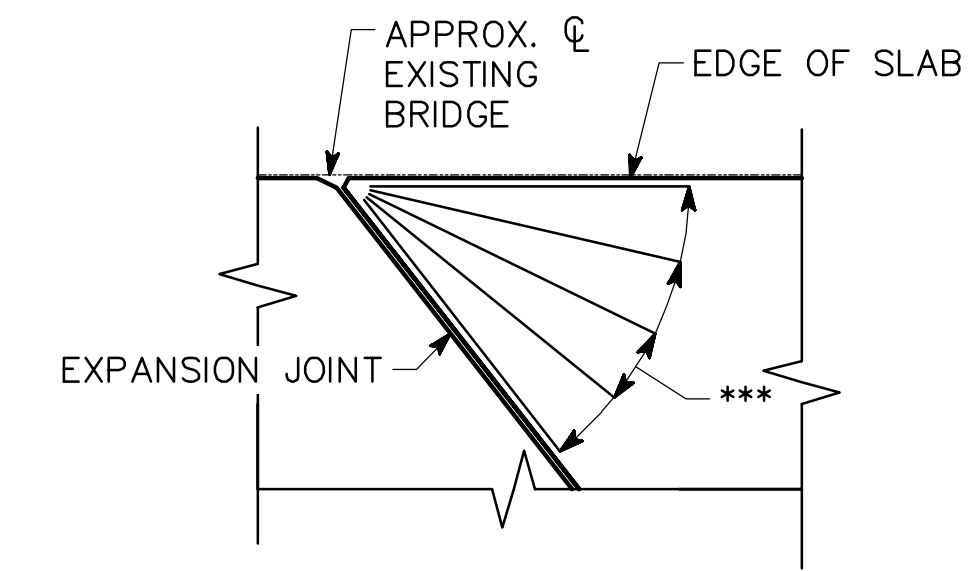
DECK PLAN



CONTROL JOINT DETAIL
NO SCALE



BAR BENDING DETAILS AT SKEWED JOINTS



SKEWED CORNER DETAIL

NOTES:

- * SPACE FENCE POSTS FROM Q EXISTING EXPANSION JOINT AT EXISTING BENTS.
- ** DIMENSION MAY VARY BASED ON FIELD VERIFICATION OF BRIDGE GEOMETRY.
- EXISTING LONGITUDINAL AND TRANSVERSE DECK JOINT SEALS SHALL BE REMOVED, JOINTS CLEANED, AND RESEALED. SEE "MISCELLANEOUS DETAILS" SHEET.
- CONTROL JOINTS SHALL BE PARALLEL TO Q BENTS AND EQUALLY SPACED TO ALIGN WITH EXISTING PARAPET JOINTS AS SHOWN.
- B.F.B.W. - BACK FACE OF BACK WALL.

SUPERSTRUCTURE QUANTITIES	
ITEM	TOTAL
LUMP - CY SUPERSTR CONCRETE, CL D	64
LUMP - LBS SUPERSTR REINF, STEEL	10,372

DRAWING NO. 35-0103
BRIDGE SHEET 3 OF 9

DATE	REVISIONS	BY

BRIDGE NO. 2

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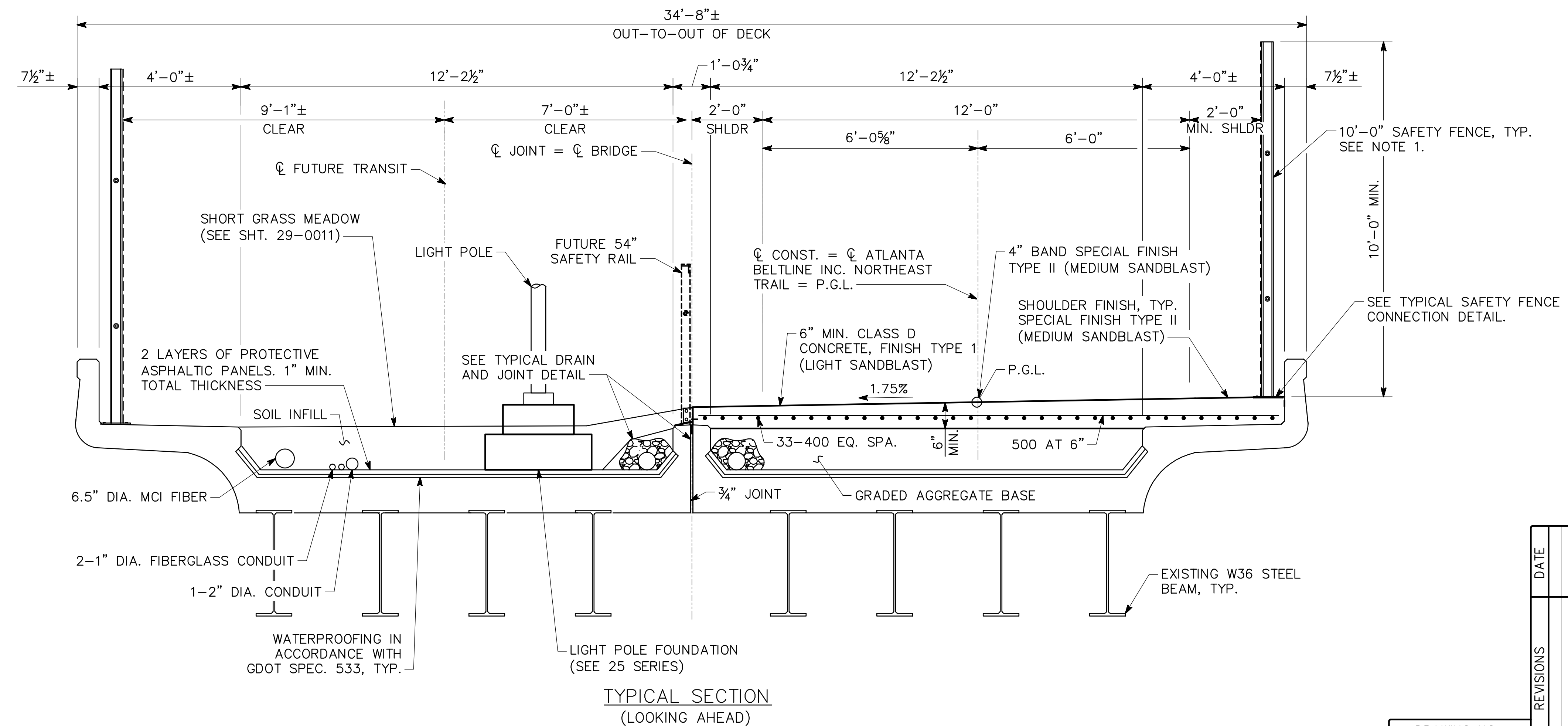
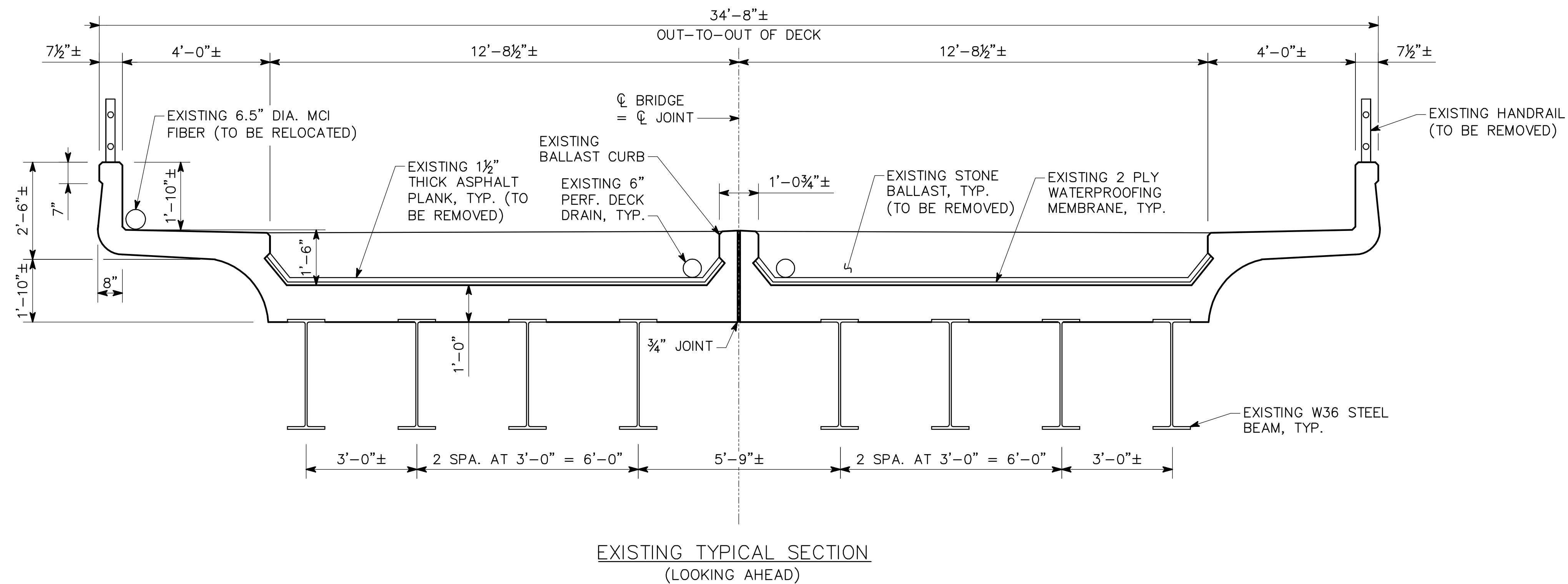
ATLANTA BELTLINE

DECK PLAN
ATLANTA BELTLINE NORTHEAST TRAIL
OVER SR 13 (BUFORD SPRING CONNECTOR)
FULTON COUNTY

SCALE: 1/8" = 1'-0" OCTOBER 2021

DESIGNED <u>ASG</u>	CHECKED <u>NMC</u>	REVIEWED
DRAWN <u>ASG</u>	DESIGN GROUP	APPROVED

DATE: Oct 18, 2021 TIME: 9:08pm USER: kelly.glynn



- NOTES:
- SAFETY FENCE TO BE BLACK AMERISTAR WIREWORKS ANTI-CLIMB FENCE PANELS AND ASSOCIATED POSTS, RAILS, AND HARDWARE. POST BASE PLATE TO BE FABRICATED AND SHOP WELDED BY FENCE FABRICATOR OR SUPPLIER AND COATED WITH POST.

BRIDGE NO. 2

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ATLANTA BELTLINE

DECK SECTION
ATLANTA BELTLINE NORTHEAST TRAIL
OVER SR 13 (BUFORD SPRING CONNECTOR)
FULTON COUNTY

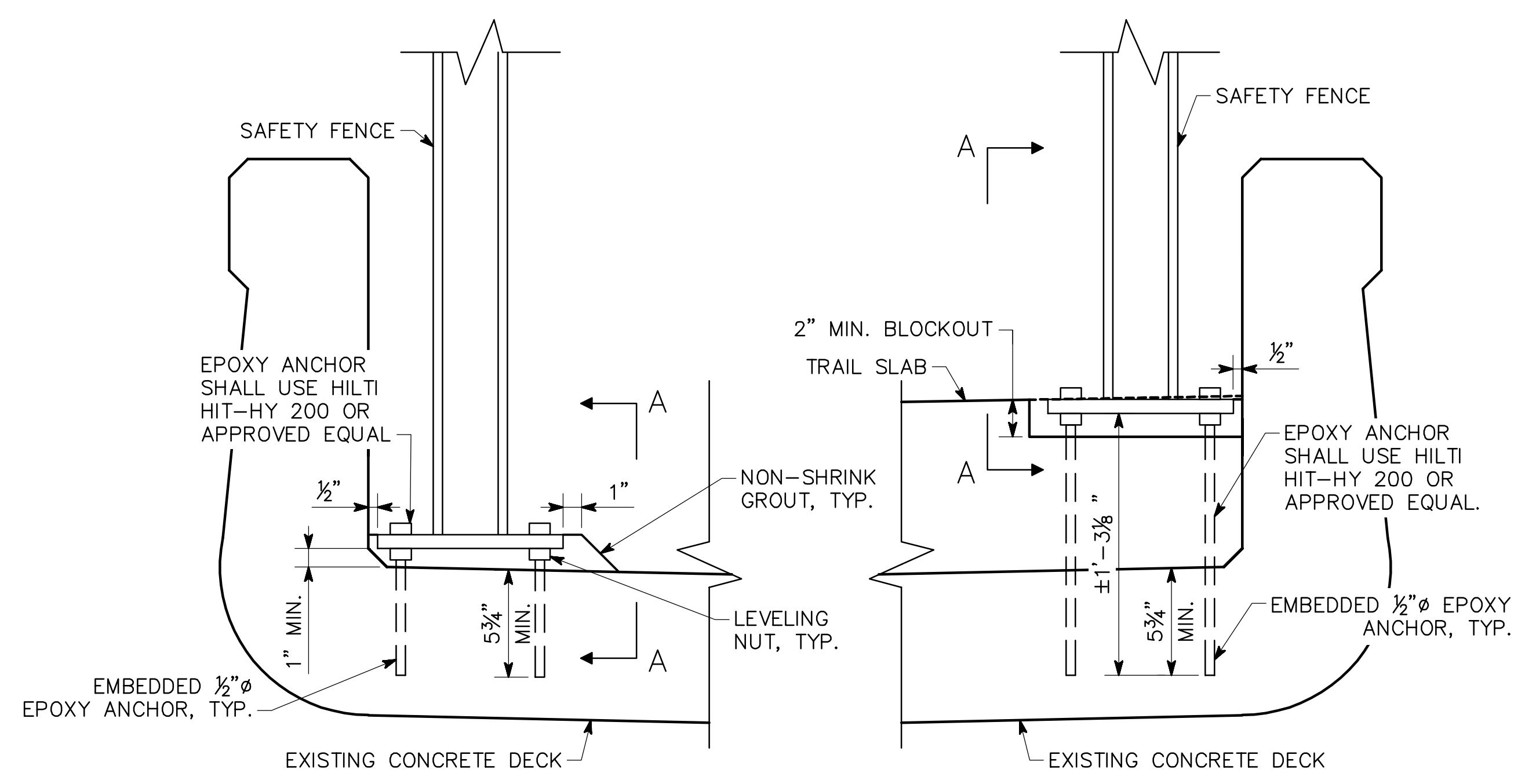
SCALE: 1/2" = 1'-0" OCTOBER 2021

DESIGNED	ASG	CHECKED	NMC	REVIEWED	
DRAWN	ASG	DESIGN GROUP		APPROVED	

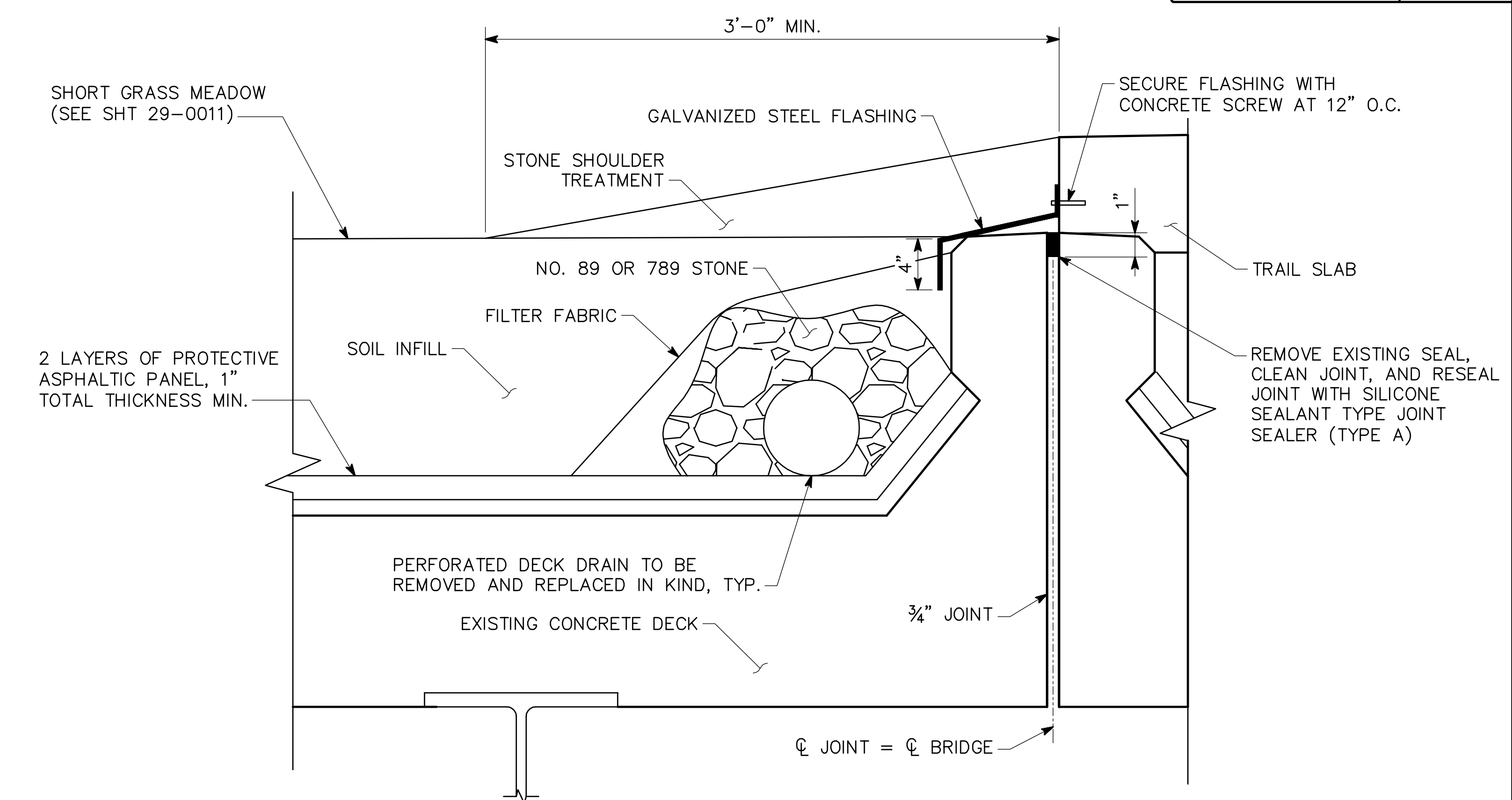
DATE	REVISIONS

DRAWING NO. 35-0104
BRIDGE SHEET 4 OF 9

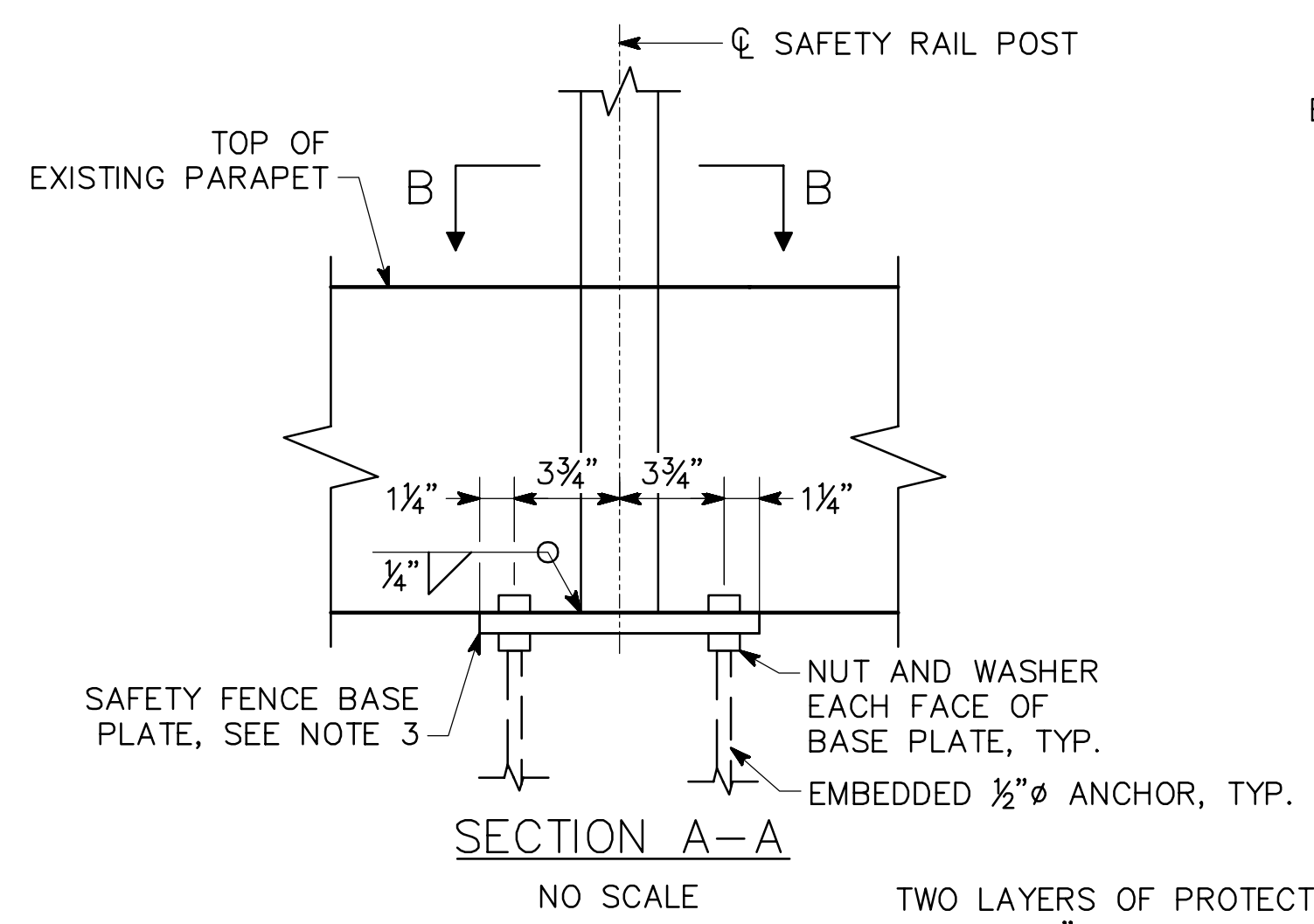
DATE: Oct 19, 2021 TIME: 2:22pm USER: kelly.glynn



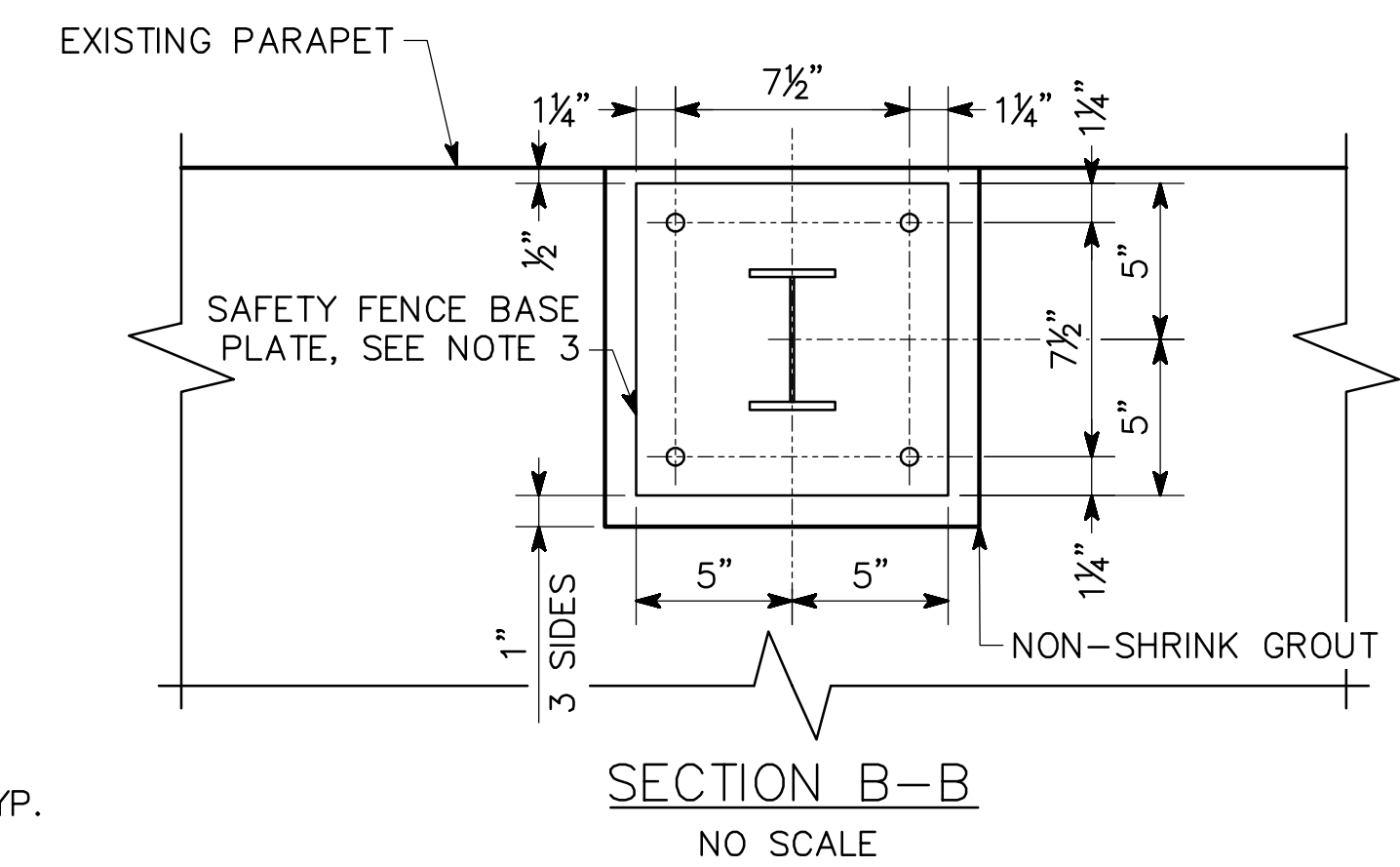
TYPICAL SAFETY FENCE CONNECTION DETAIL
(LOOKING AHEAD)
NO SCALE



TYPICAL DRAIN AND JOINT DETAIL
(LOOKING AHEAD)
NO SCALE

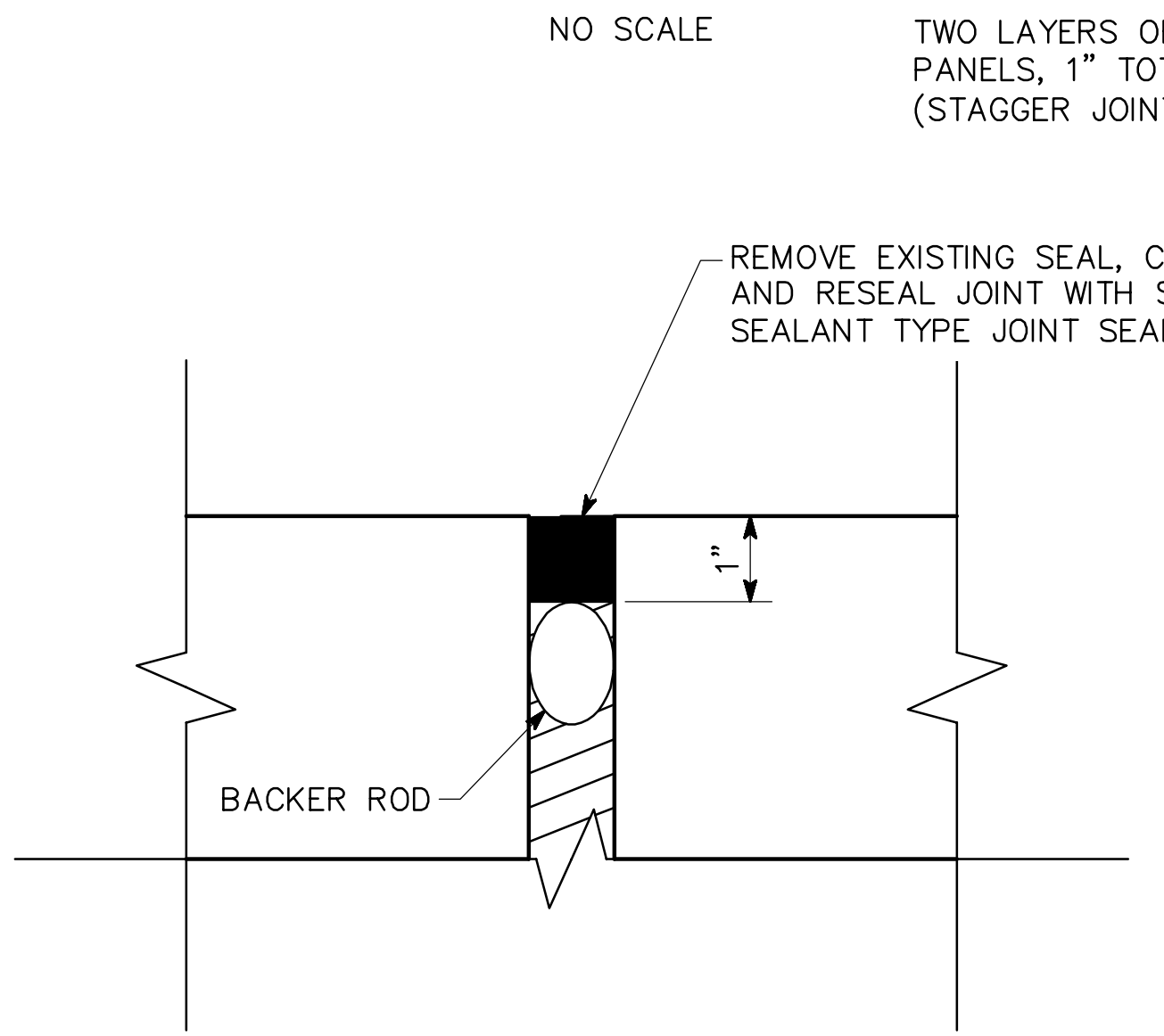


SECTION A-A
NO SCALE

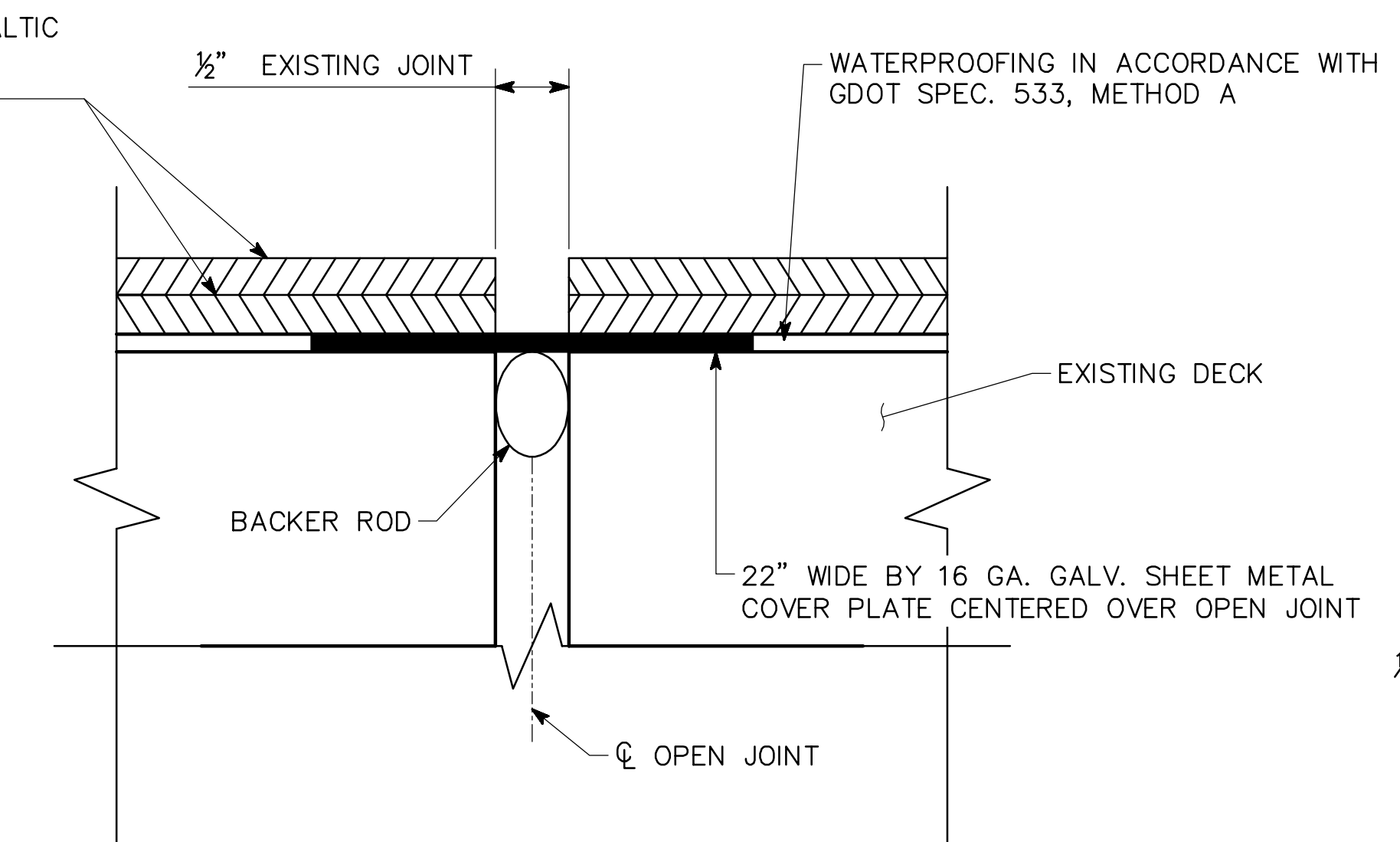


SECTION B-B
NO SCALE

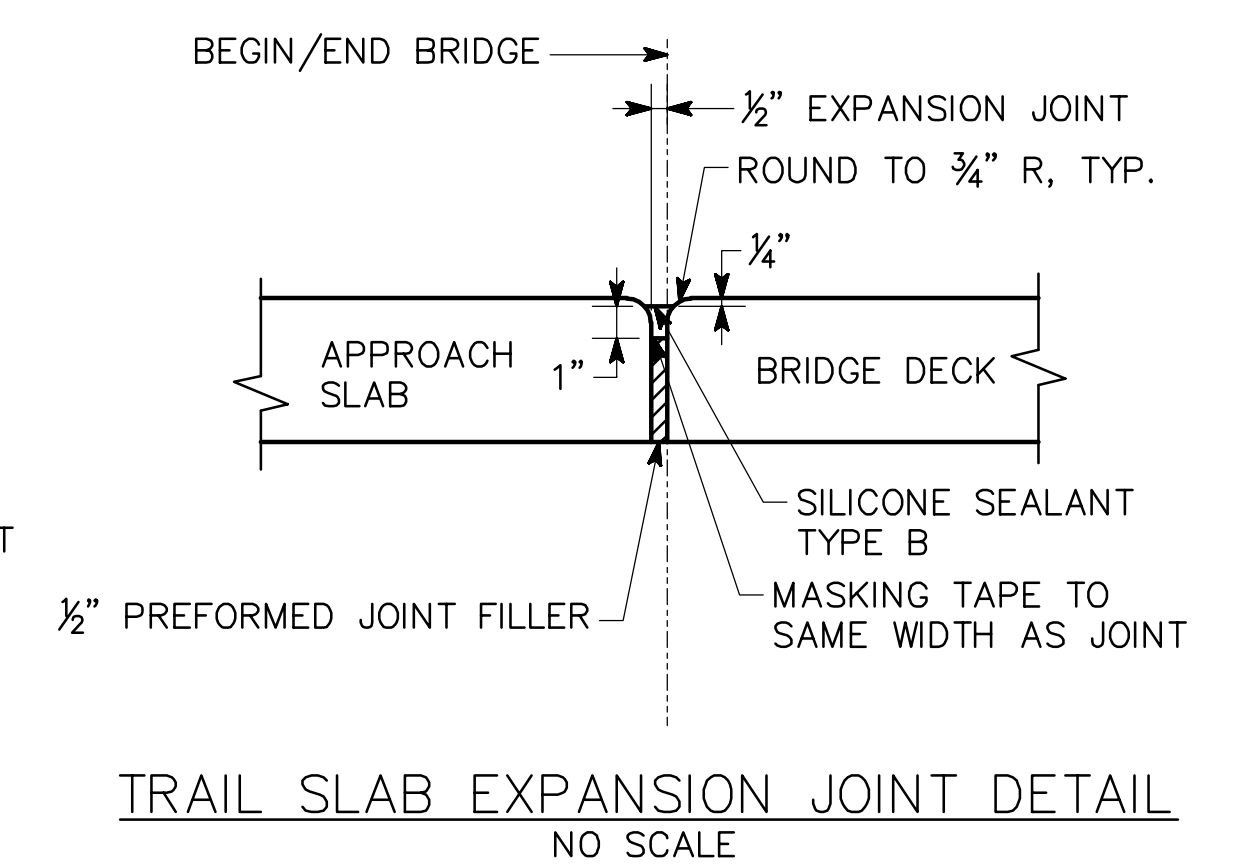
- NOTES:
1. ALL ANCHOR BOLTS AND ASSOCIATED NUTS AND WASHERS SHALL CONFORM TO ASTM F1554, GRADE 36 AND HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123.
 2. CUT ALL BOLTS FLUSH TO THE NUT AND TACK WELD.
 3. SAFETY FENCE BASE PLATE TO BE PROVIDED BY SAFETY FENCE FABRICATOR. BASE PLATE TO BE A MINIMUM 3/4"X10"X10", ASTM A36, AND SHOP WELDED TO POST.



EXISTING WALKWAY AND SLAB EXPANSION JOINT
NO SCALE



TYPICAL TRANSVERSE JOINT WATERPROOFING OF EXISTING DECK
NO SCALE



TRAIL SLAB EXPANSION JOINT DETAIL
NO SCALE

BRIDGE NO. 2

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ATLANTA BELTLINE

MISCELLANEOUS DETAILS
ATLANTA BELTLINE NORTHEAST TRAIL
OVER SR 13 (BUFORD SPRING CONNECTOR)
FULTON COUNTY

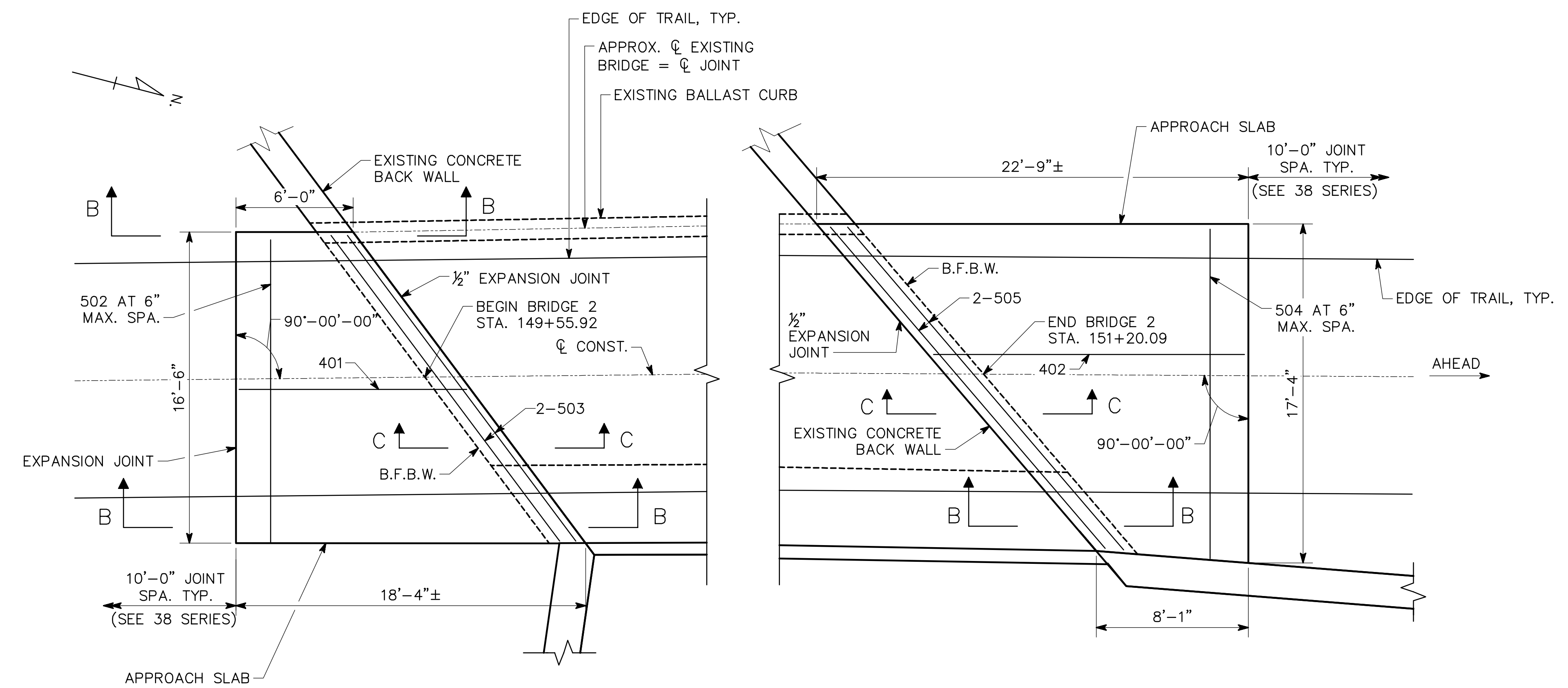
SCALE: AS NOTED OCTOBER 2021

DATE	REVISIONS	BY

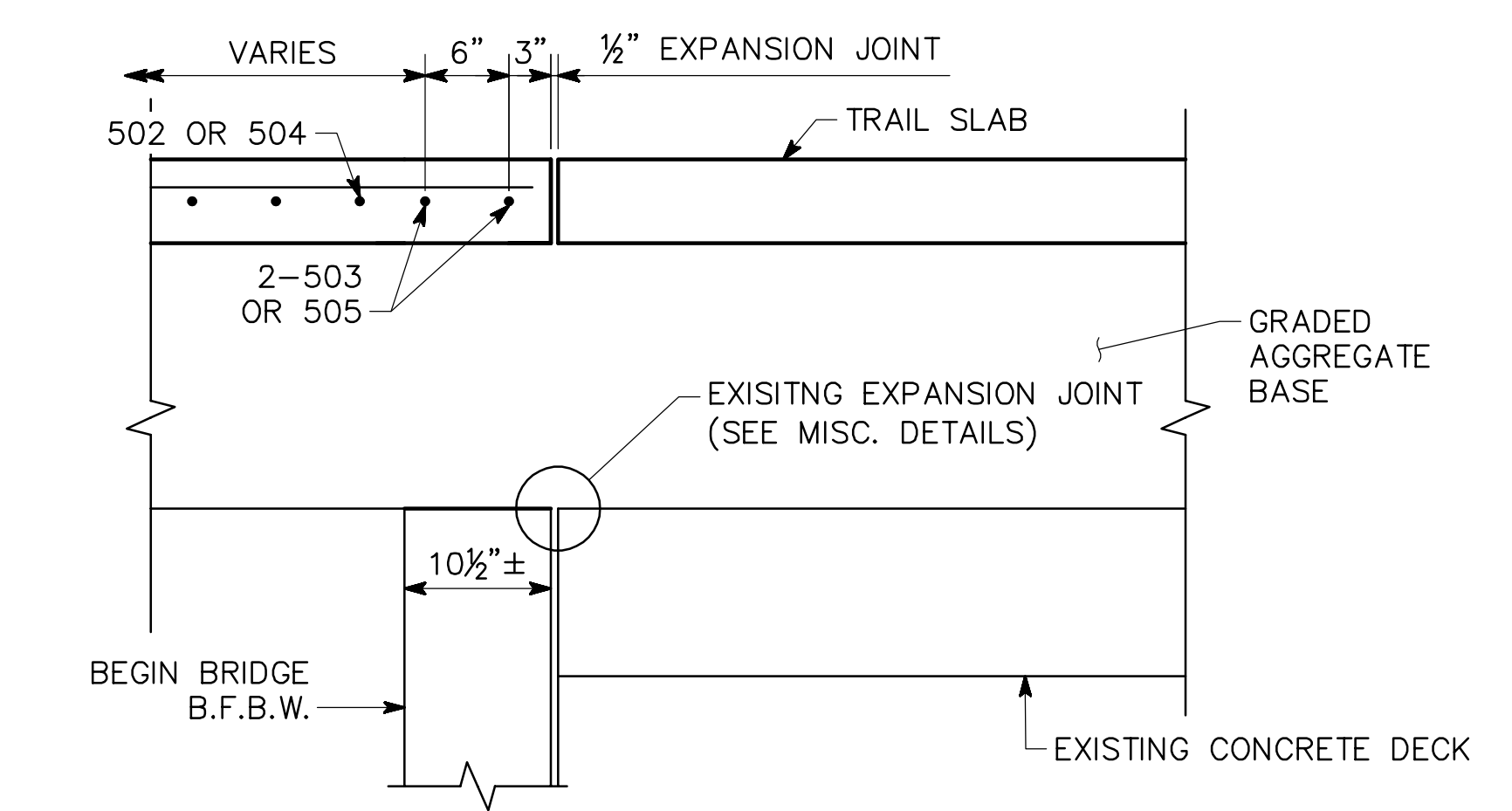
DRAWING NO.
35-0105
BRIDGE SHEET
5 OF 9

DESIGNED ASG CHECKED NMC REVIEWED
DRAWN ASG DESIGN GROUP APPROVED

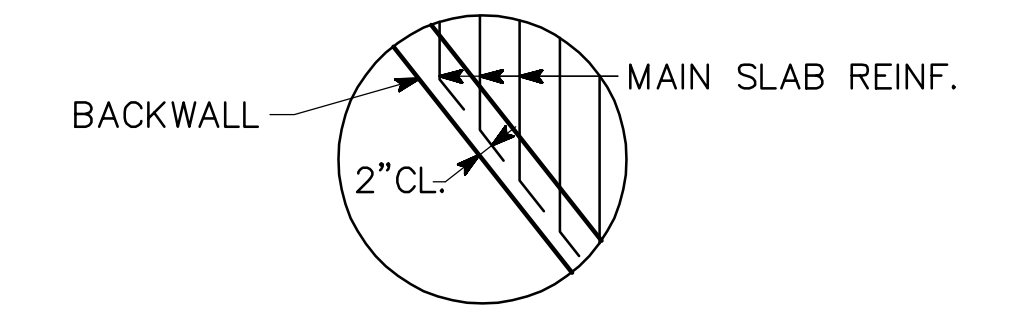
DATE: Oct 19, 2021 TIME: 3:29pm USER: kelly.glynn



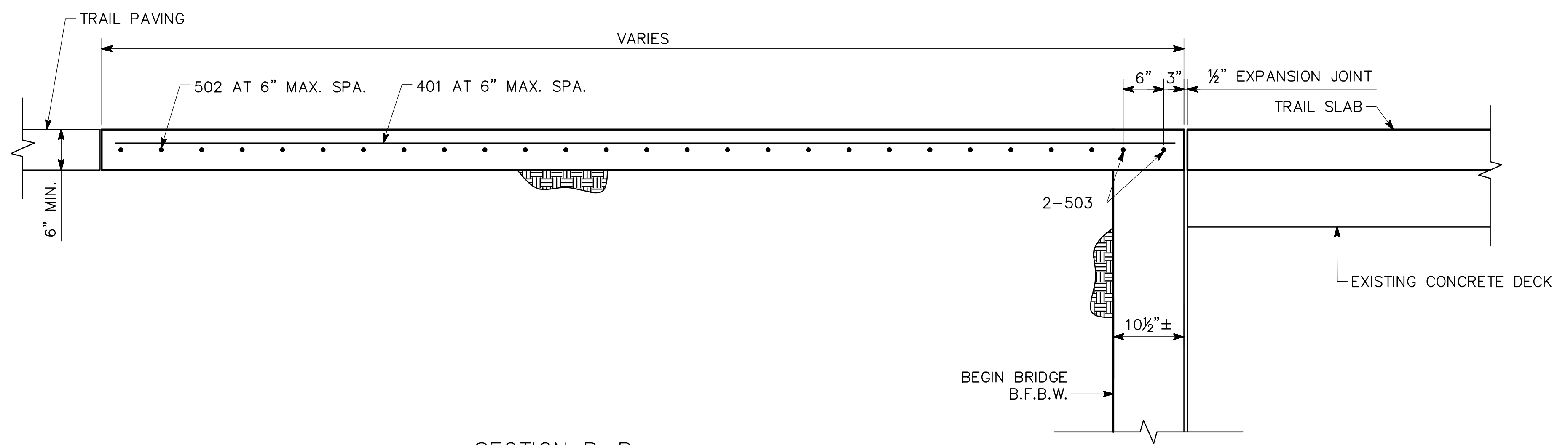
APPROACH SLAB - PLAN
SCALE: 1/4" = 1'-0"



SECTION C-C
(APPROACH SLAB AT END BENT 1 SHOWN, END BENT 5 SIMILAR)
SCALE: 1" = 1'-0"



BARS ARE DETAILED IN BAR DETAILS AS EQUIVALENT FULL LENGTH BARS
BAR BENDING DETAILS AT BACK WALL



SECTION B-B
(APPROACH SLAB AT END BENT 1 SHOWN, END BENT 5 SIMILAR)
SCALE: 1" = 1'-0"

APPROACH SLAB QUANTITIES	
ITEM	TOTAL
LUMP - CY SUPERSTR CONCRETE, CL D	64
LUMP - LS SUPERSTR REINF STEEL	2100

- NOTES:
1. B.F.B.W. = BACK FACE OF BACK WALL
 2. APPROACH SLAB SPECIAL FINISH TO MATCH BRIDGE TRAIL SLAB, SEE "DECK SECTION" SHEET.

BRIDGE NO. 2

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ATLANTA BELTLINE

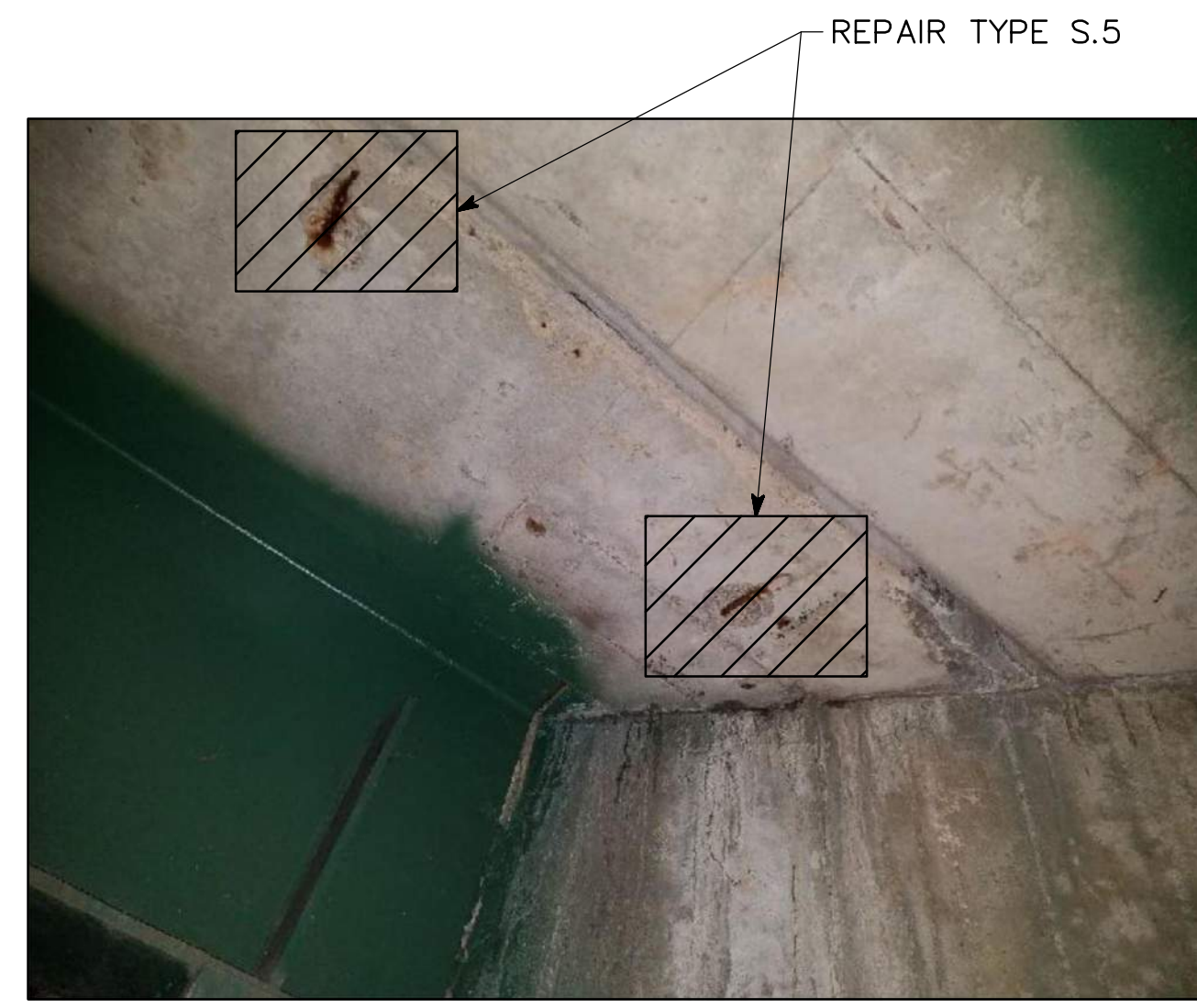
APPROACH SLAB DETAILS
ATLANTA BELTLINE NORTHEAST TRAIL
OVER SR 13 (BUFORD SPRING CONNECTOR)
FULTON COUNTY

SCALE: AS NOTED OCTOBER 2021

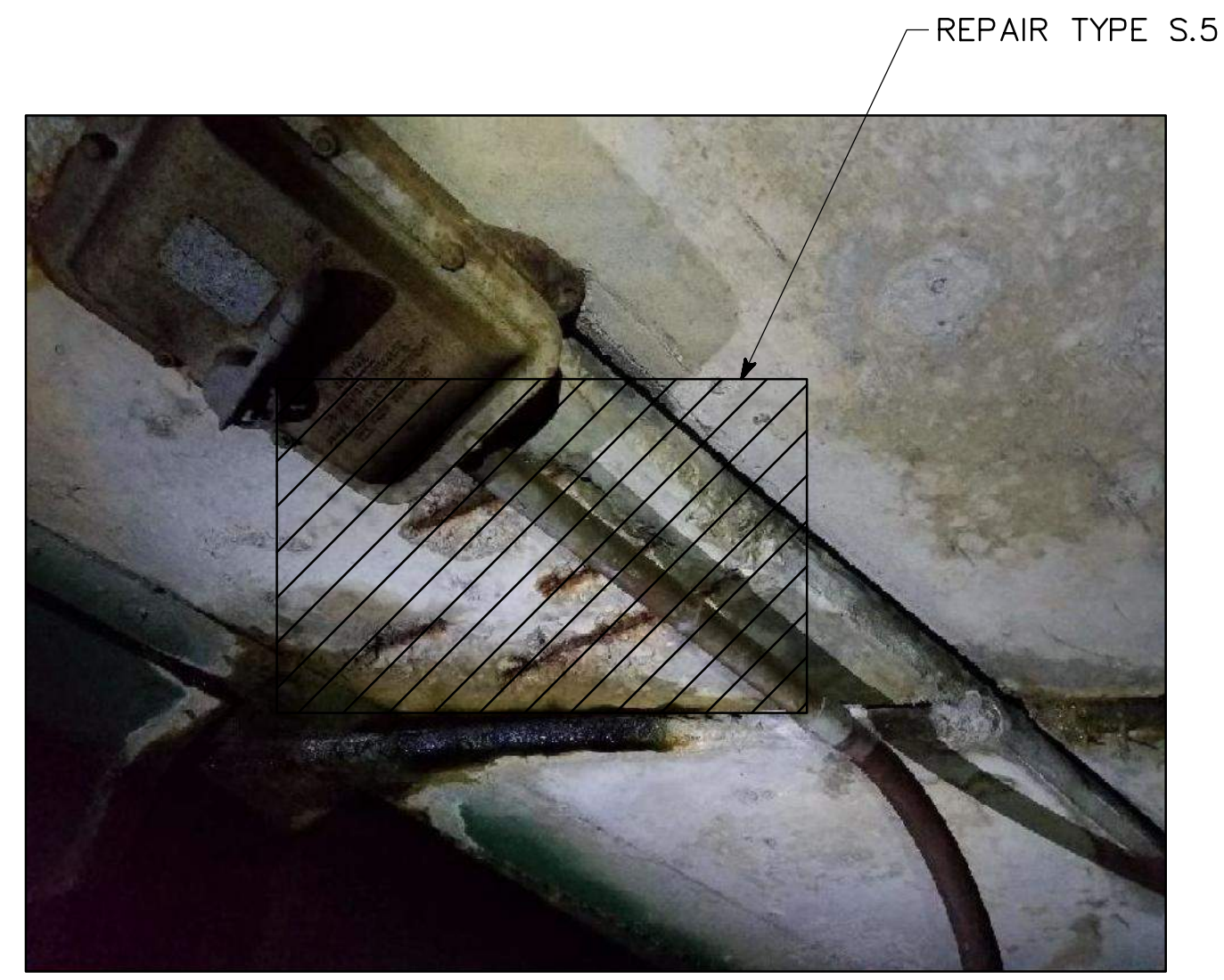
DESIGNED ASG	CHECKED NMC	REVIEWED
DRAWN ASG	DESIGN GROUP	APPROVED

DRAWING NO. 35-0106	DATE
BRIDGE SHEET 6 OF 9	REVISIONS

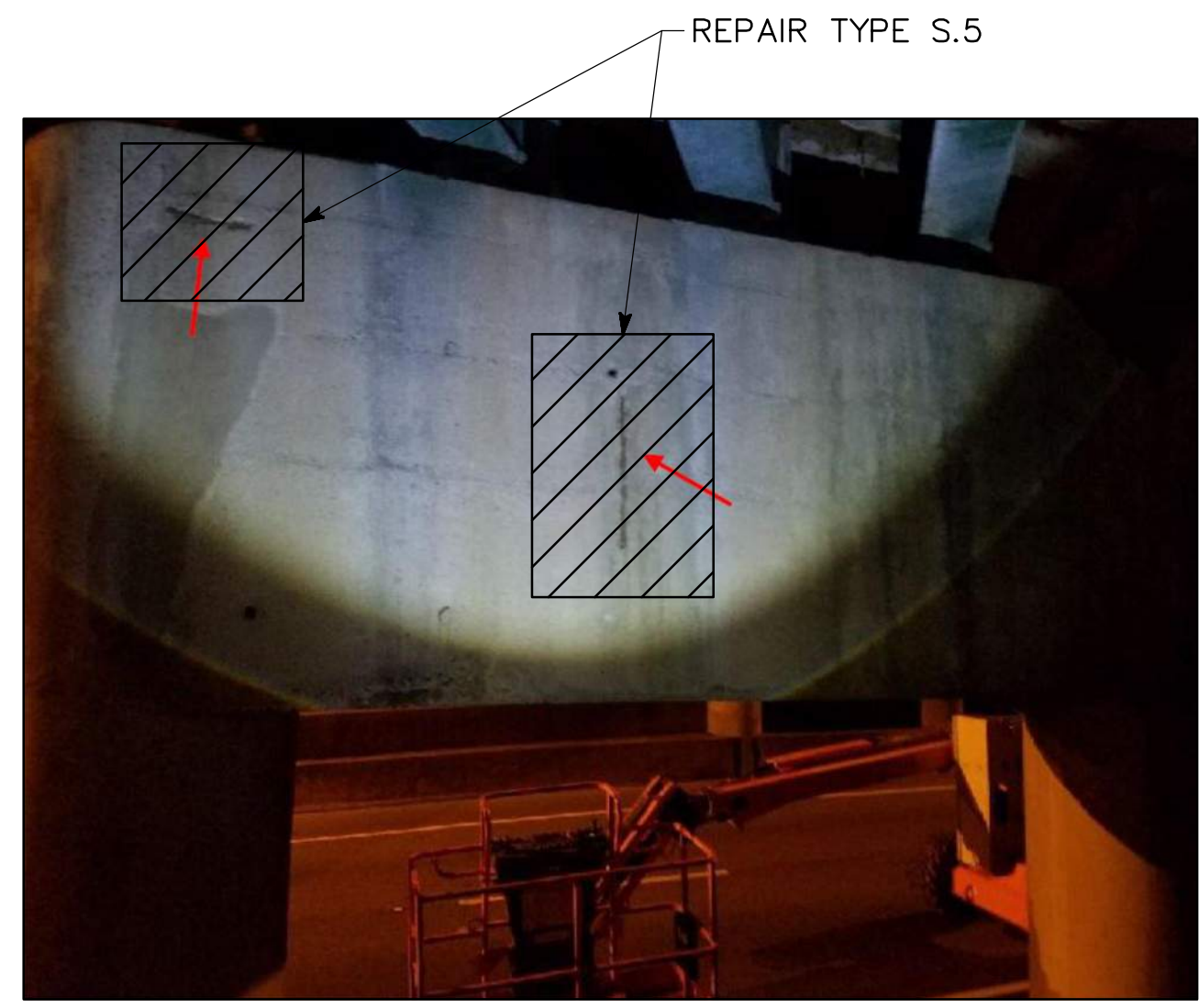
DATE: Oct 19, 2021 TIME: 7:23am USER: kellyglynn



1 REPAIR PHOTO
SCALE: NOT TO SCALE



2 REPAIR PHOTO
SCALE: NOT TO SCALE



3 REPAIR PHOTO
SCALE: NOT TO SCALE



4 REPAIR PHOTO
SCALE: NOT TO SCALE



5 REPAIR PHOTO
SCALE: NOT TO SCALE



6 REPAIR PHOTO
SCALE: NOT TO SCALE



7 REPAIR PHOTO
SCALE: NOT TO SCALE

BRIDGE NO. 2

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ATLANTA BELTLINE

TYPICAL REPAIR PHOTOS
ATLANTA BELTLINE NORTHEAST TRAIL
OVER SR 13 (BUFORD SPRING CONNECTOR)
FULTON COUNTY

SCALE: NOT TO SCALE

OCTOBER 2021

DESIGNED ASG CHECKED NMC REVIEWED
DRAWN ASG DESIGN GROUP APPROVED

REVISIONS	DATE

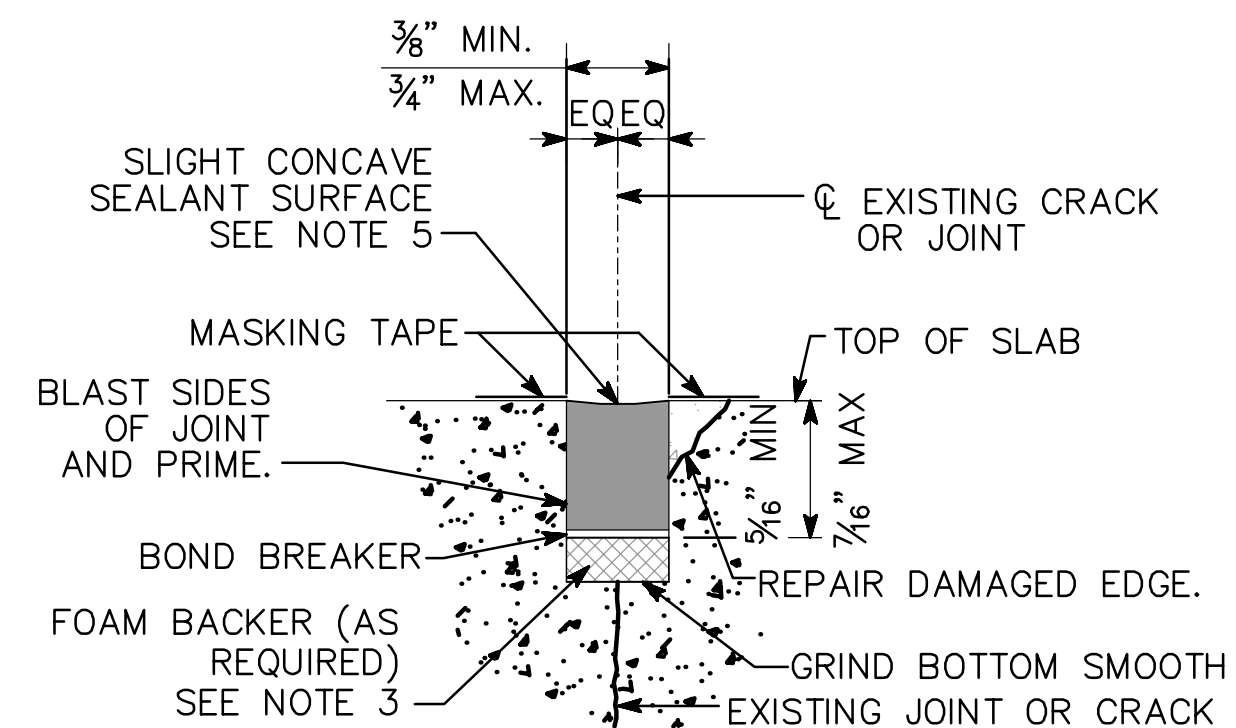
DRAWING NO.
35-0107

BRIDGE SHEET
7 OF 9

1 INCH WHEN PRINTED FULL SIZE

DATE: Oct 19, 2021 TIME: 7:49am

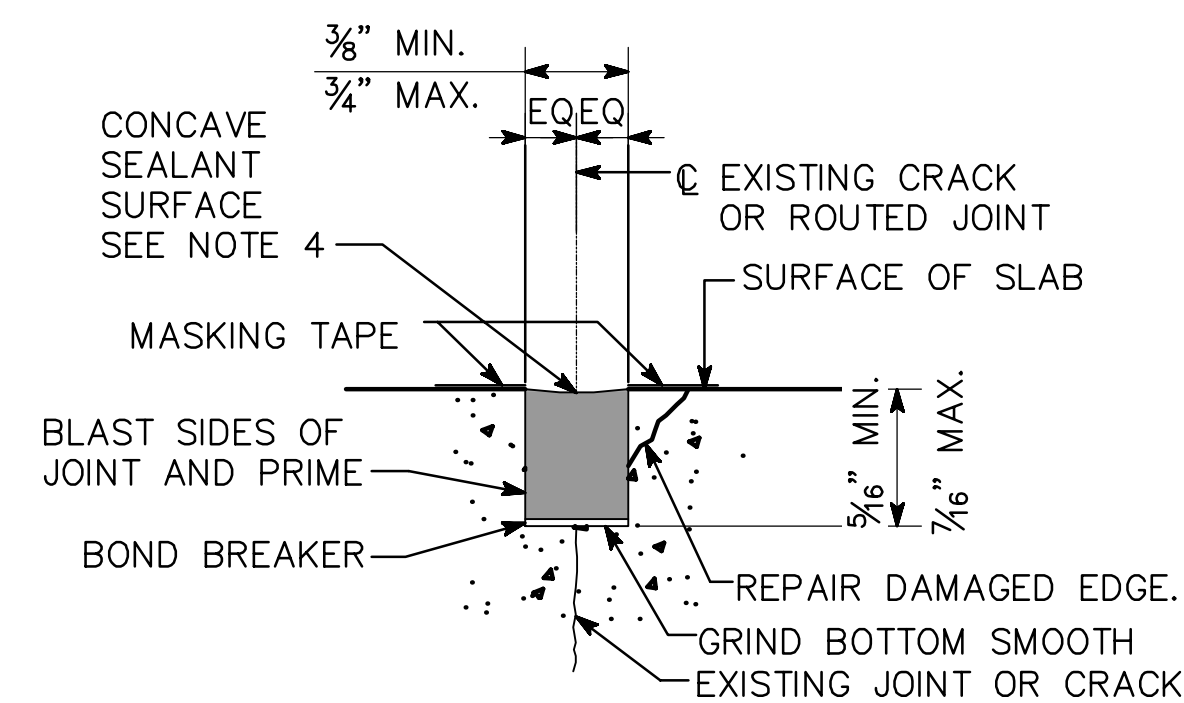
USER: kellyglynn



NOTES:

1. THE PURPOSE OF THIS REPAIR IS TO REMOVE AND REPLACE THE EXISTING SEALANT IN CONSTRUCTION JOINTS, CONTROL JOINTS, AND PREVIOUSLY REPAIRED CRACKS.
2. THE CONTRACTOR SHALL IDENTIFY CRACKS AND JOINTS TO RECEIVE THIS REPAIR. THE CONTRACTOR SHALL HAVE THE ENGINEER VERIFY THE CRACKS AND JOINTS IDENTIFIED.
3. CONTINUOUS FOAM BACKER RODS SHALL BE INSTALLED PRIOR TO INSTALLATION OF BOND BREAKER TAPE WHERE JOINT DEPTH EXCEEDS 3/8" INCH.
4. NON-SAG SEALANT SHALL BE USED IN JOINTS THAT ARE SLOPED. SELF-LEVELING SEALANT SHALL BE USED IN JOINTS THAT ARE FLAT. SEE GDOT SPECIFICATIONS FOR APPROVED SEALANTS.
5. THE SURFACE OF SEALANT AT THE EDGE OF THE EXISTING CONCRETE ON EITHER SIDE OF THE JOINT SHALL BE BETWEEN 1/16 AND 1/8 INCH BELOW THE TOP OF CONCRETE SLAB. SEALANT THAT EXTENDS ABOVE THE SLAB SHALL BE CUT DOWN FLUSH WITH TOP OF SLAB.

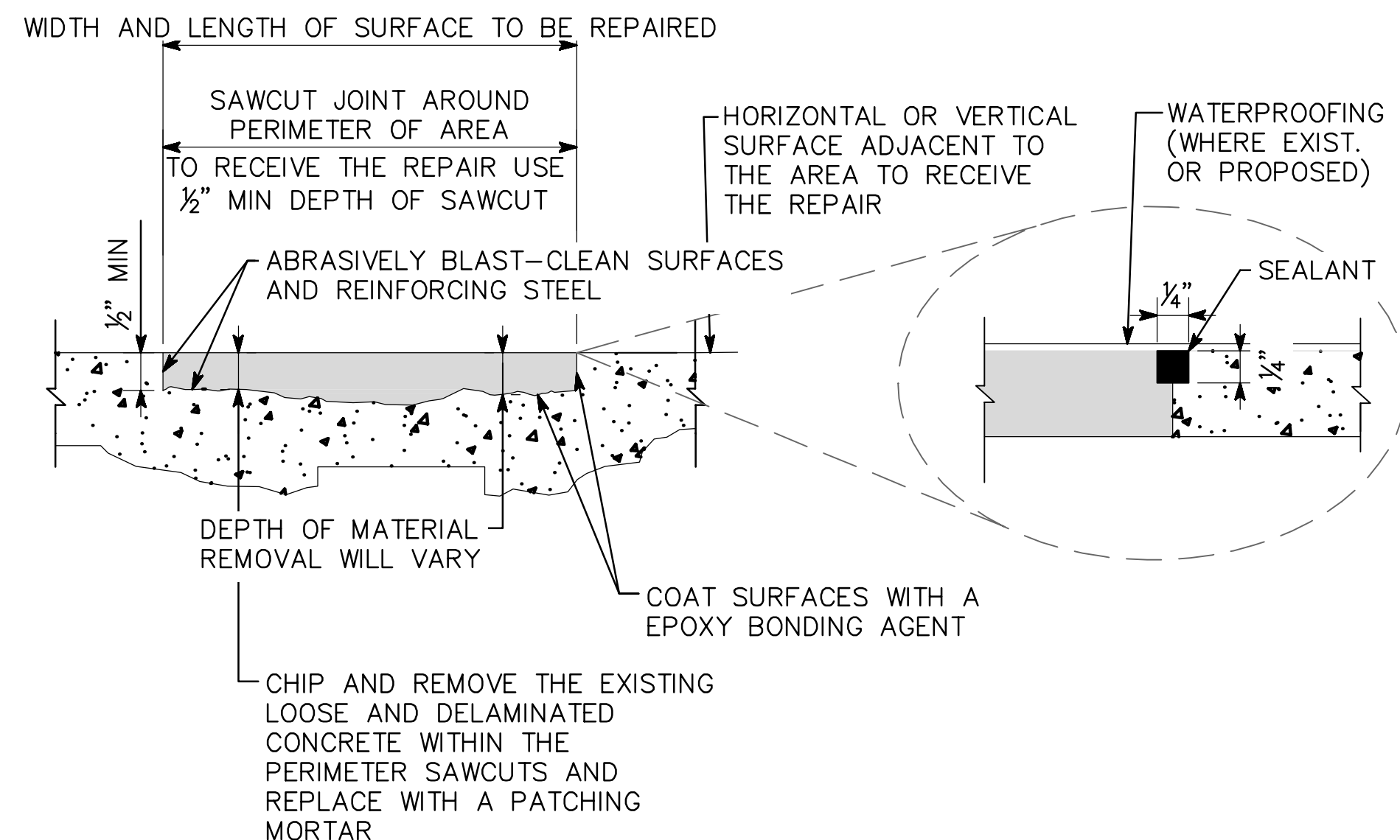
S.1 SEALANT REPLACEMENT
SCALE: NOT TO SCALE



NOTES:

1. THE PURPOSE OF THIS REPAIR IS TO INSTALL SEALANT IN JOINTS AND ROUTED CRACKS IN THE CONCRETE SLAB.
2. THE CONTRACTOR SHALL IDENTIFY CRACKS AND JOINTS TO RECEIVE THIS REPAIR. THE CONTRACTOR SHALL HAVE THE ENGINEER VERIFY THE CRACKS AND JOINTS IDENTIFIED.
3. NON-SAG SEALANT SHALL BE USED IN JOINTS THAT ARE SLOPED. SELF-LEVELING SEALANT SHALL BE USED IN JOINTS THAT ARE FLAT. SEE GDOT SPECIFICATIONS FOR APPROVED SEALANTS.
4. THE SURFACE OF THE SEALANT AT THE EDGE OF THE EXISTING CONCRETE ON EITHER SIDE OF THE JOINT SHALL BE BETWEEN 1/16 AND 1/8 INCH BELOW THE TOP OF CONCRETE SLAB. SEALANT THAT EXTENDS ABOVE THE SLAB SHALL BE CUT DOWN FLUSH WITH TOP OF SLAB.
5. SEE RELATED SPECIAL PROVISION 521.

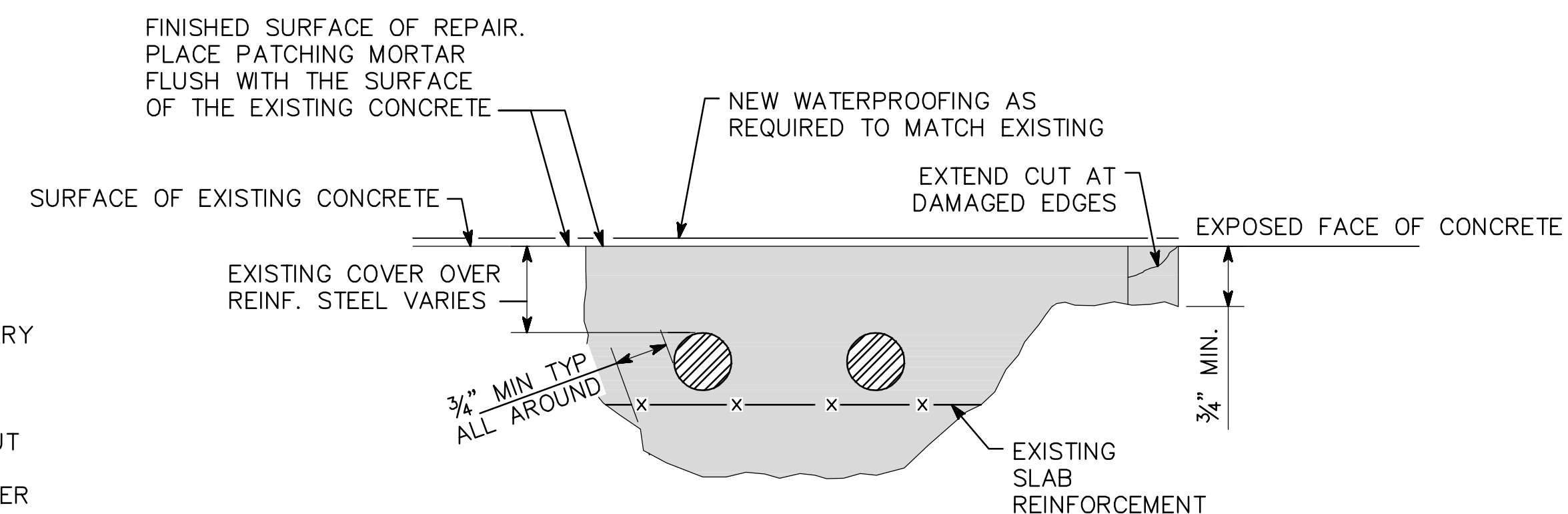
S.2 ROUT AND SEAL
SCALE: NOT TO SCALE



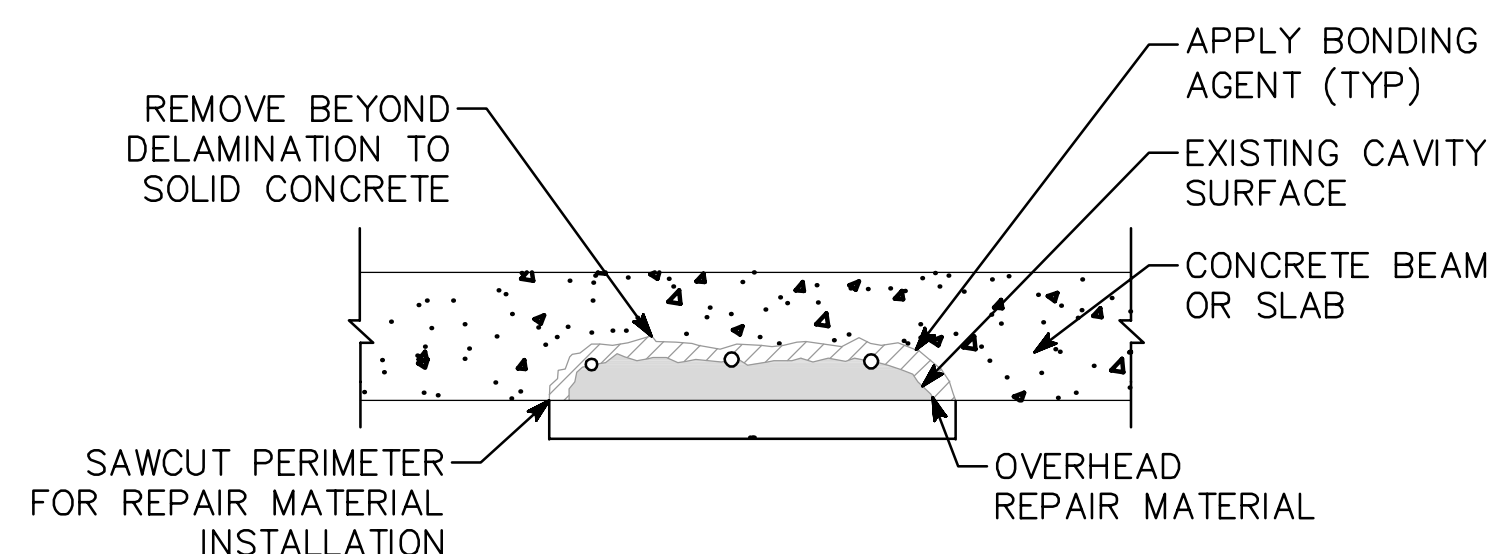
NOTES:

1. THE PURPOSE OF THIS REPAIR IS TO MAKE SURFACE REPAIRS AT ALL LOOSE, DELAMINATED OR OTHER UNSOUND CONCRETE.
2. THIS REPAIR MAY BE USED ON SLABS, CURBS, WALLS, COLUMNS, OR OTHER SPALLS THAT HAVE MINOR EXPOSED REINFORCEMENT AND CORROSION IS NOT SIGNIFICANT.
3. THIS REPAIR MAY BE USED FOR HORIZONTAL OR VERTICAL REPAIRS. WHERE NECESSARY USE NON-SAG REPAIR MORTAR OR FORM AND CAST A FLOWABLE MORTAR CONSISTENT WITH THE TECHNICAL SPECS.
4. WHERE THERE IS A CRACK OR CONTROL JOINT THRU AN AREA TO BE REPAIRED, ROUT THE CRACK OR CONTROL JOINT SUFFICIENTLY TO INSERT A PLASTIC STRIP THAT WILL MARK THE PATH. REPAIR AND TROWEL EACH SIDE OF THE JOINT SEPARATELY. AFTER THE REPAIR MORTAR HAS CURED, ROUT AND SEAL IN ACCORDANCE WITH CORRESPONDING REPAIR TYPE.
5. IN MANY CASES THERE MAY BE NO REINFORCING STEEL VISIBLE.
6. SOUND EMBEDDED STEEL REINFORCEMENT WITH AT LEAST 3/4" COVER TO REMAIN.

S.3 SHALLOW SPALL REPAIR
SCALE: NOT TO SCALE



S.4 DEEP SPALL REPAIR
SCALE: NOT TO SCALE



NOTES:

1. THE PURPOSE OF THIS REPAIR IS TO MAKE SURFACE REPAIRS AT ALL LOOSE, DELAMINATED OR OTHER UNSOUND CONCRETE.
2. THIS REPAIR MAY BE USED ON SLABS, CURBS, WALLS, COLUMNS, OR OTHER SPALLS THAT HAVE MINOR EXPOSED REINFORCEMENT AND CORROSION IS NOT SIGNIFICANT.
3. THIS REPAIR MAY BE USED FOR HORIZONTAL, VERTICAL, OR OVERHEAD REPAIRS. WHERE NECESSARY USE NON-SAG REPAIR MORTAR OR FORM AND CAST A FLOWABLE MORTAR CONSISTENT WITH THE TECHNICAL SPECS.
4. IN MANY CASES THERE MAY BE NO REINFORCING STEEL VISIBLE.
5. SOUND EMBEDDED STEEL REINFORCEMENT WITH AT LEAST 3/4" COVER TO REMAIN.
6. COMPLY WITH SPECIAL PROVISION 521 AND THE GENERAL REPAIR NOTES ON SHEET 35-0102.

S.5 OVERHEAD SPALL REPAIR (VERTICAL SIMILAR)
SCALE: NOT TO SCALE

BRIDGE NO. 2

Kimley»Horn

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ATLANTA BELTLINE

REPAIR DETAILS
ATLANTA BELTLINE NORTHEAST TRAIL
OVER SR 13 (BUFORD SPRING CONNECTOR)
FULTON COUNTY

SCALE: AS NOTED OCTOBER 2021

DATE	REVISIONS	BY

DRAWING NO. 35-0108	DESIGNED ASG	CHECKED NMC	REVIEWED
BRIDGE SHEET 8 OF 9	DRAWN ASG	DESIGN GROUP	APPROVED

1 INCH WHEN PRINTED FULL SIZE

DET.dwg

DATE: Oct 19, 2021 TIME: 7:54am

USER: kelly.glynn

LOCATION	NO. OF LOC.	MARK	LENGTH		NO. BARS REQ'D	TYP E	AG	B		C		D		E		F		H		J		K		N	O
			FT.	IN.				FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.	FT.	IN.		
SPAN 1	1																								
		400A	30-11	33	1																				
		500	16-0	80	1																				
		501	5-0	5	1																				
SPAN 2	1																								
		400B	47-9	33	1																				
		500	16-0	116	1																				
		501	5-0	5	1																				
SPAN 3	1																								
		400C	48-9	33	1																				
		500	16-0	116	1																				
		501	5-0	5	1																				
SPAN 4	1																								
		400D	32-6	33	1																				
		500	16-0	92	1																				
		501	5-0	5	1																				
APPROACH	1																								
SLAB - BEGIN		401	VARY	33	1																				
BRIDGE																									
		502	16-0	36	1																				
		503	22-5	2	1																				
APPROACH	1																								
SLAB - END		402	VARY	34	1																				
BRIDGE																									
		504	VARY	45	1																				
		505	24-2	2	1																				

DATE: Oct 19, 2021 TIME: 7:29am USER: kelleyglynn

BRIDGE NO. 2



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817 W. PEACHTREE STREET, NW
THE BILTMORE, SUITE 601
ATLANTA, GEORGIA 30308
PHONE (404) 419-8700

ATLANTA BELTLINE

BAR REINFORCEMENT SCHEDULE
ATLANTA BELTLINE NORTHEAST TRAIL
OVER SR 13 (BUFORD SPRING CONNECTOR)
FULTON COUNTY

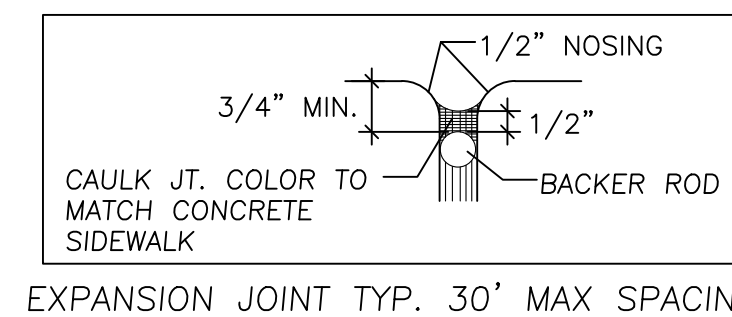
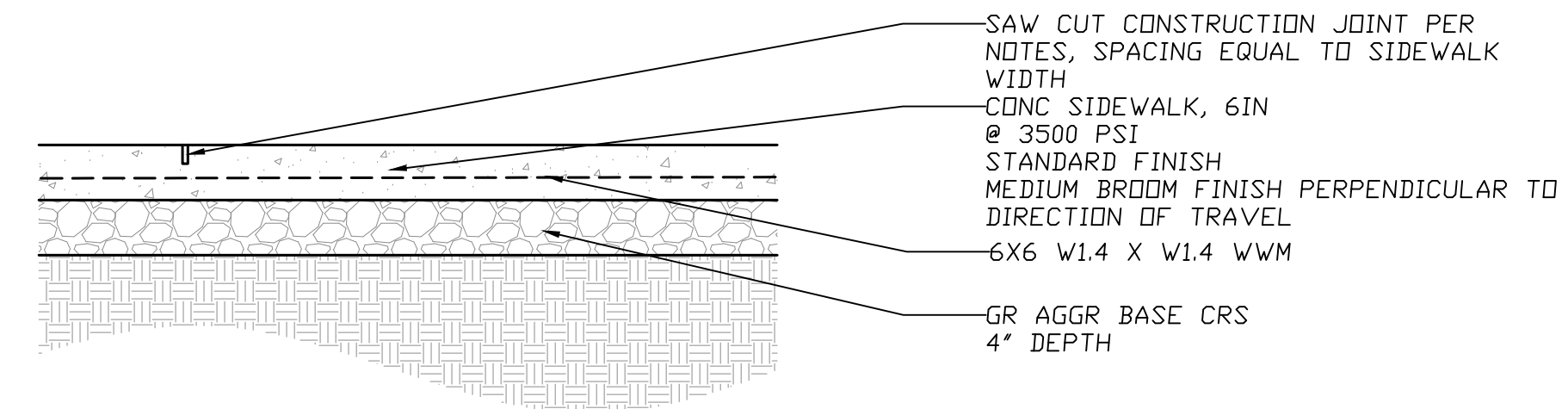
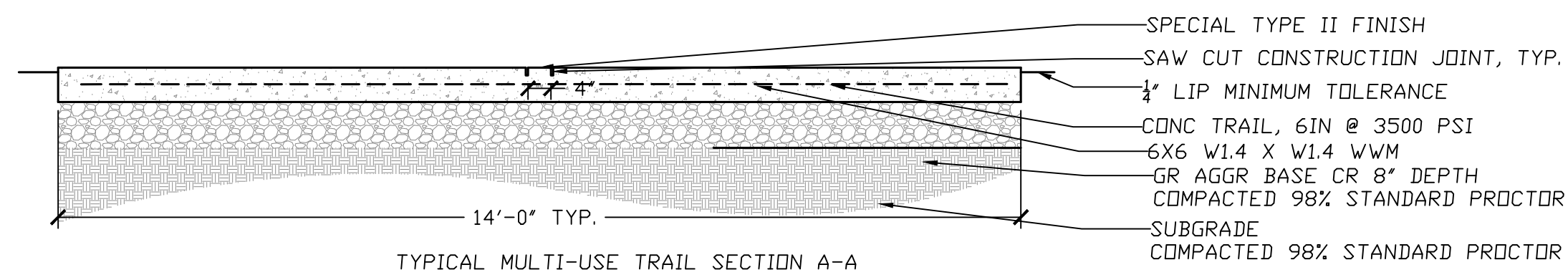
SCALE: NO SCALE OCTOBER 2021

DRAWING NO.
35-0109
BRIDGE SHEET
9 OF 9

DATE	
REVISIONS	
BY	

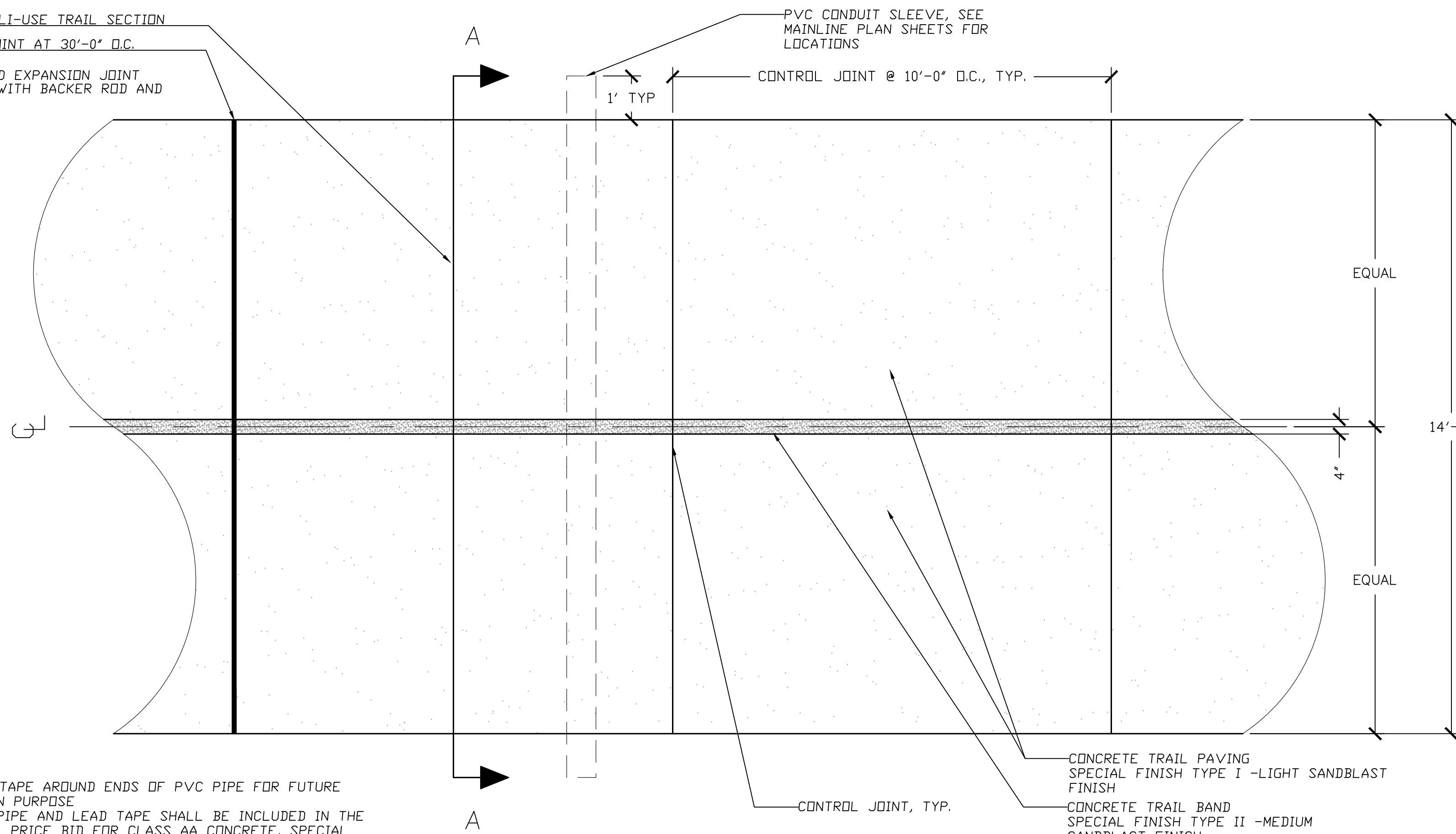
DESIGNED ASG CHECKED NMC REVIEWED
DRAWN ASG DESIGN GROUP APPROVED

1 INCH WHEN PRINTED FULL SIZE



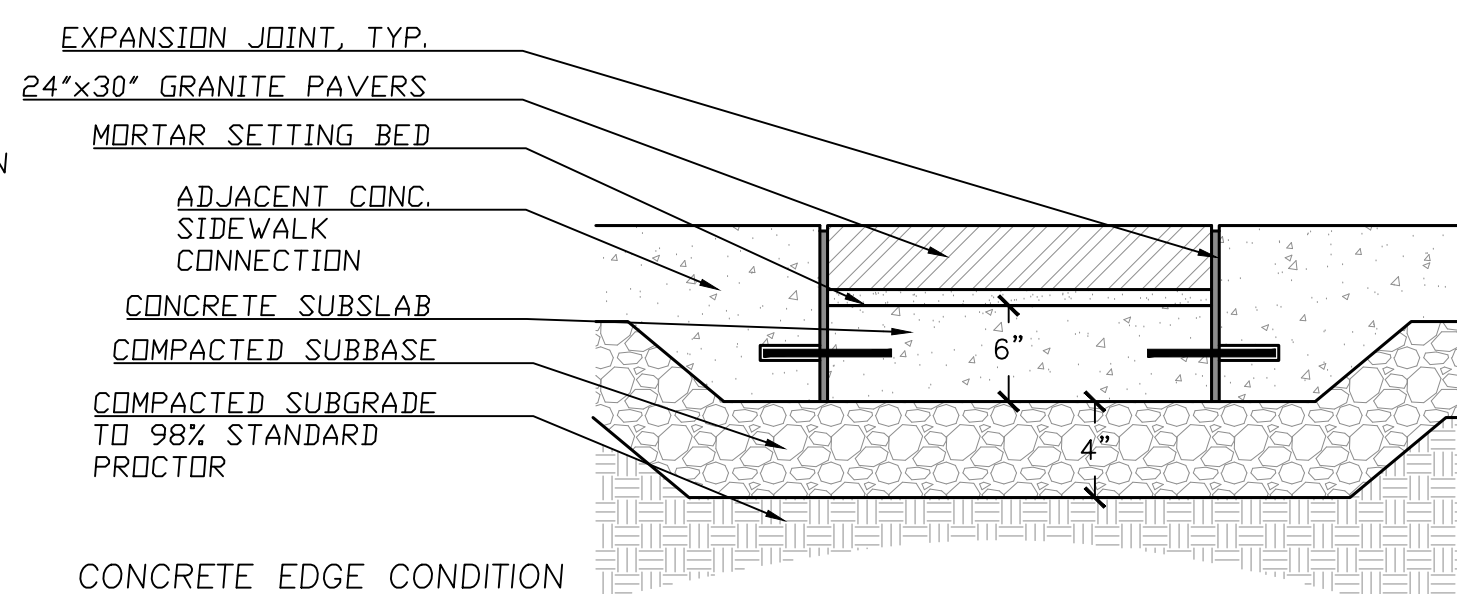
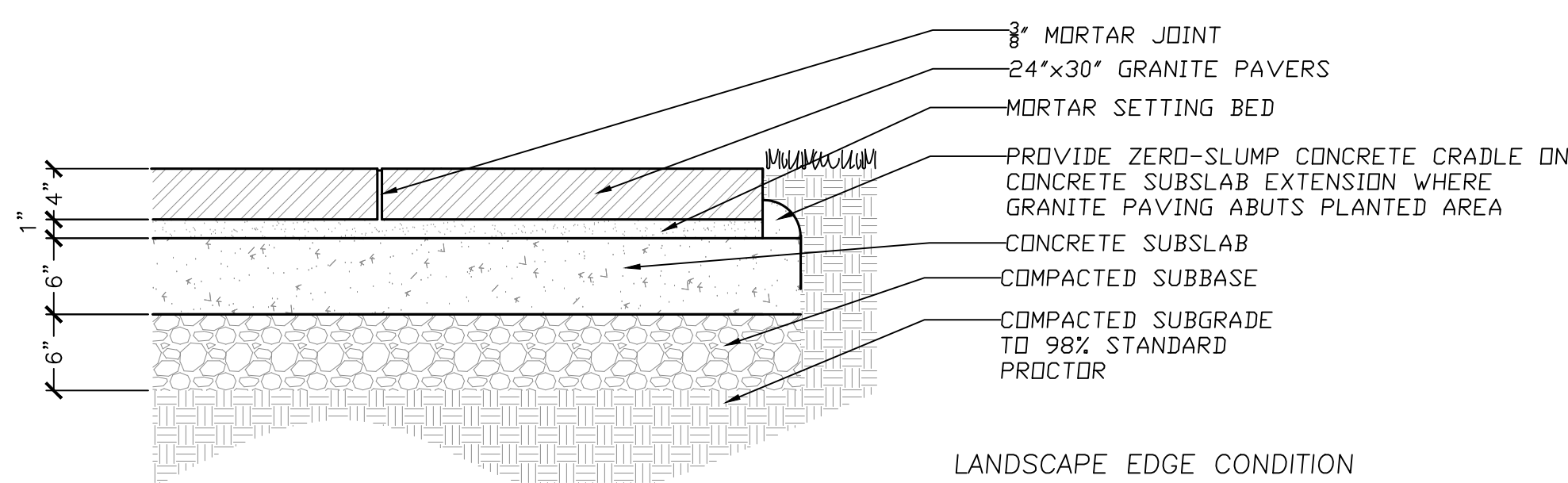
- NOTES:
1. CAULK JOINT WITH LITHOSEAL (COLOR TO MATCH CONCRETE COLOR).
 2. DEPTH OF THE SAWCUT CONTRACTION JOINT SHALL BE 1/3\"/>

TYPICAL MULTI-USE TRAIL SECTION
EXPANSION JOINT AT 30'-0\"/>

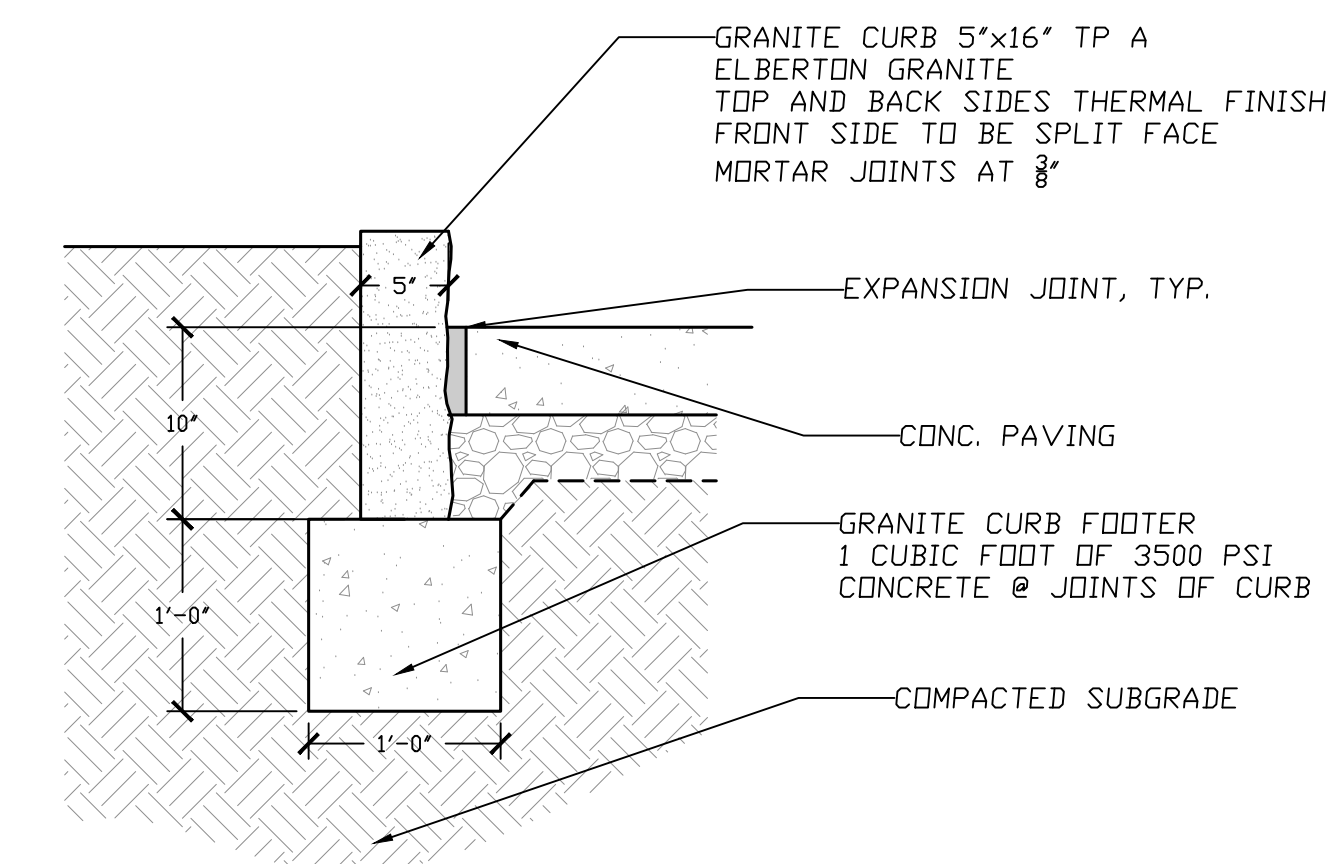


- NOTES:
1. LEAD TAPE AROUND ENDS OF PVC PIPE FOR FUTURE LOCATION PURPOSE.
 2. PVC PIPE AND LEAD TAPE SHALL BE INCLUDED IN THE OVERALL PRICE BID FOR CLASS AA CONCRETE, SPECIAL FINISH.

1 MULTI-USE TRAIL - PLAN AND SECTION
1/2\"/>



3 GRANITE BANDING
1\"/>



4 GRANITE CURB
1\"/>

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	▨
TEMPORARY EASEMENT FOR CONST. OF SLOPES	▨
TEMPORARY EASEMENT FOR CONST. OF DRIVES	▨

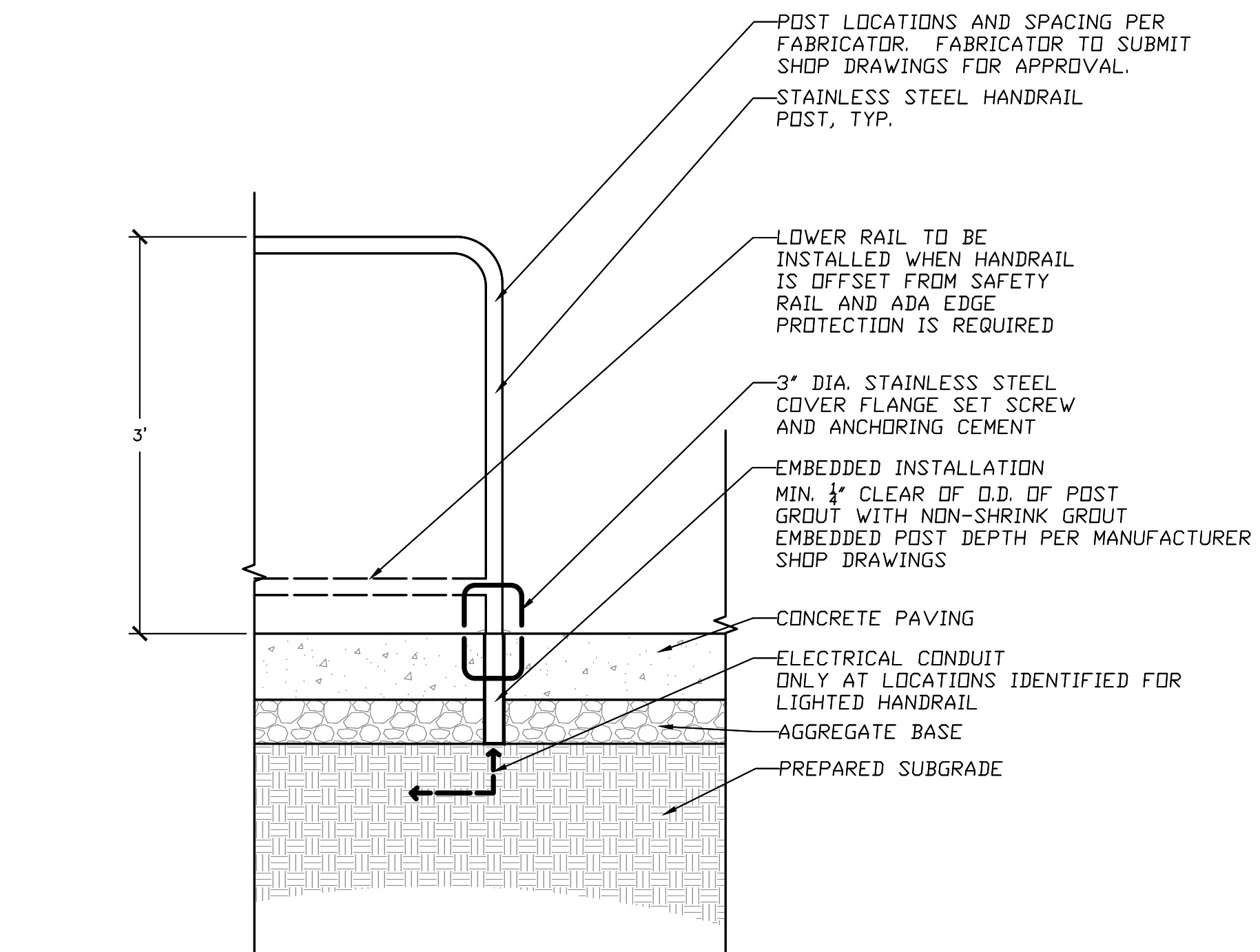
Atlanta BeltLine
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

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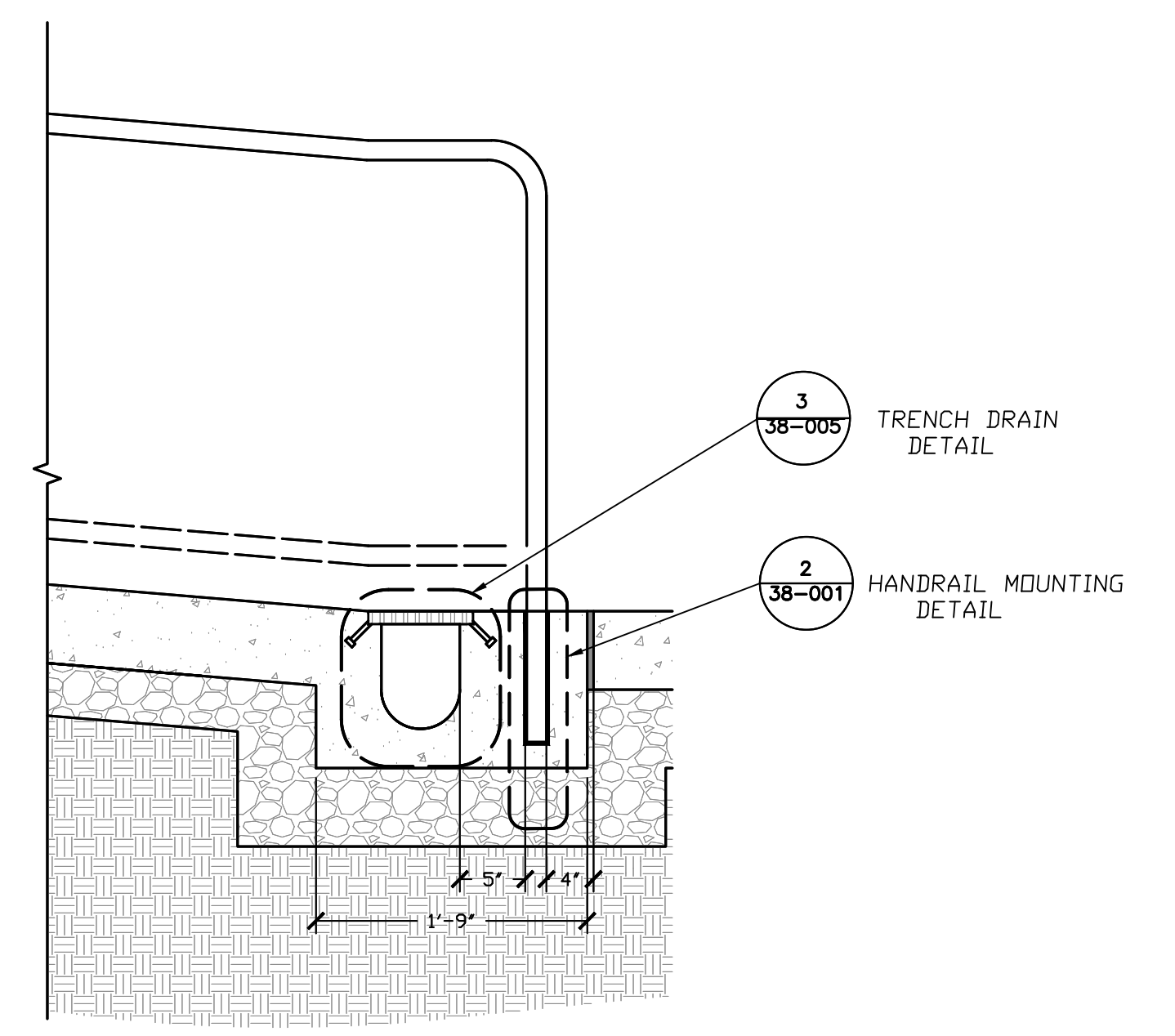
REVISION DATES

SPECIAL CONSTRUCTION DETAIL
ATLANTA BELTLINE NORTHEAST TRAIL

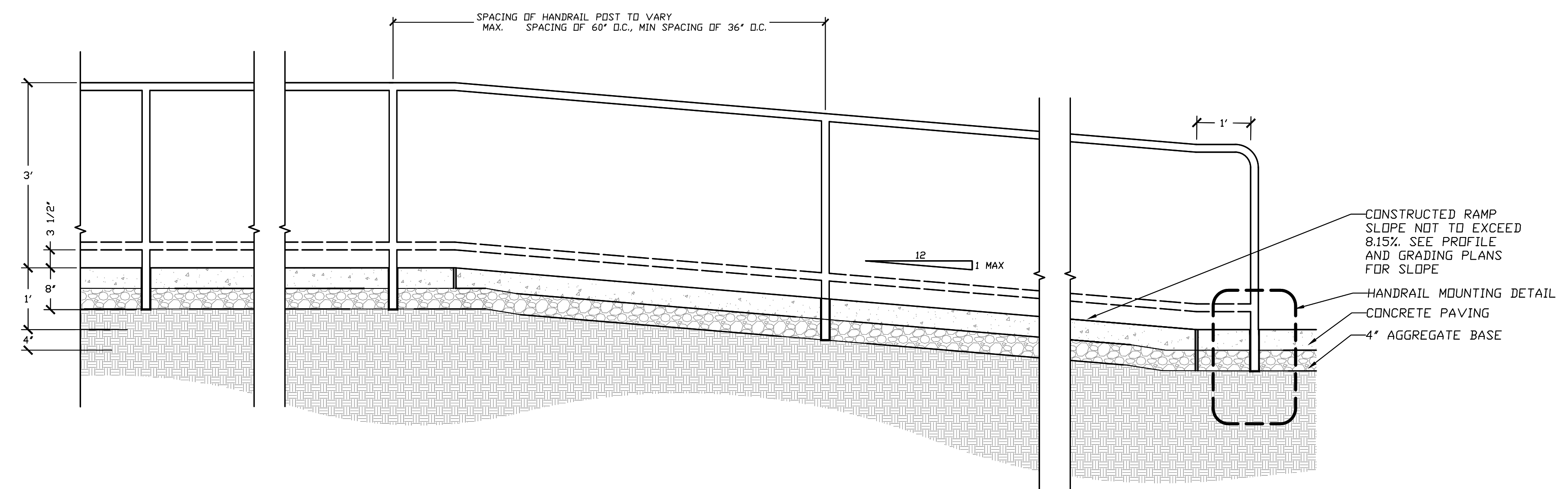
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	38-000
CORRECTED:	DATE:	
VERIFIED:	DATE:	



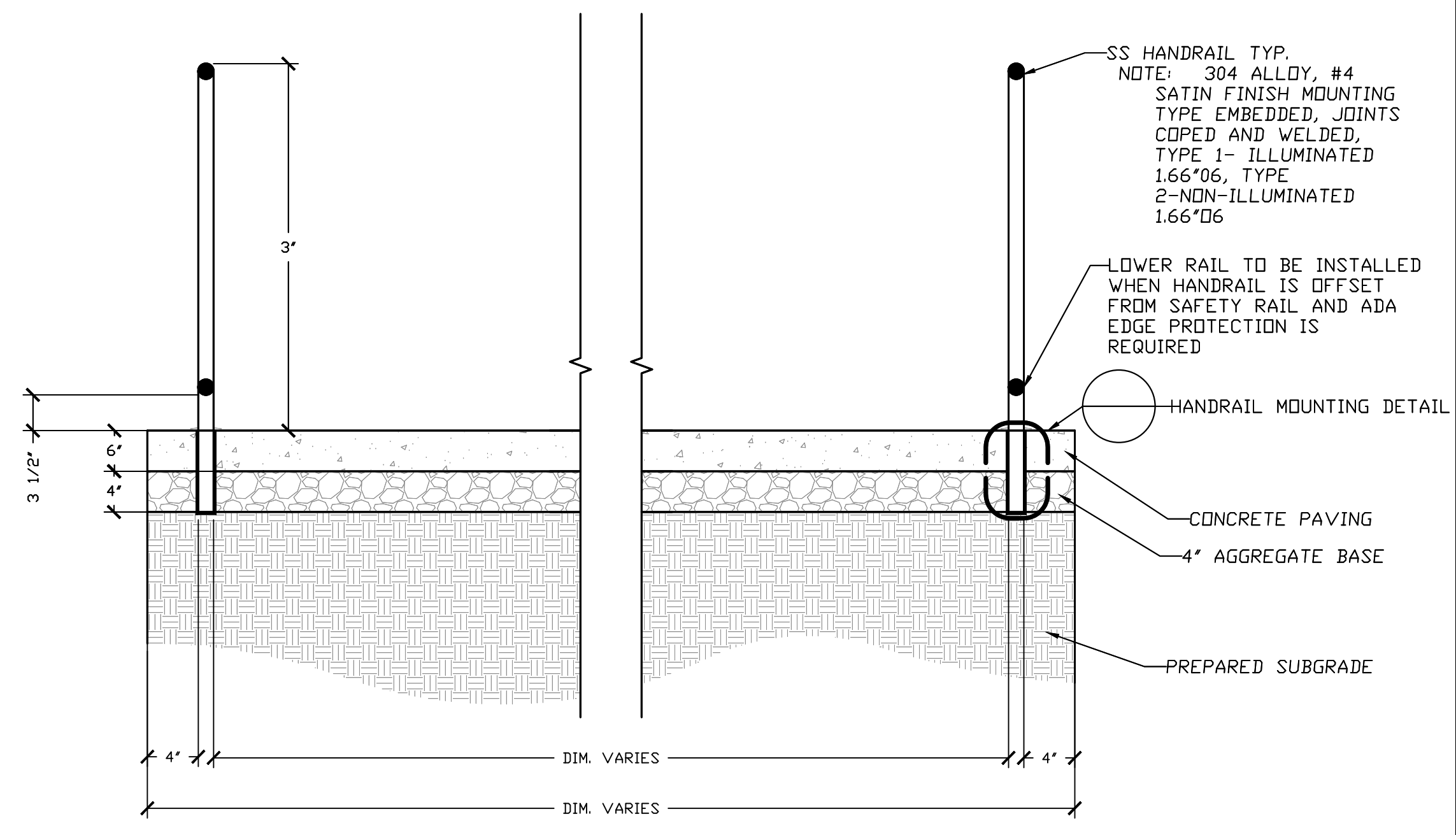
2 HANDRAIL MOUNTING
1" = 1' SCALE



3 TRENCH DRAIN / HANDRAIL MOUNTING
1" = 1' SCALE



1 ADA RAMP HANDRAIL
3/4\"/>



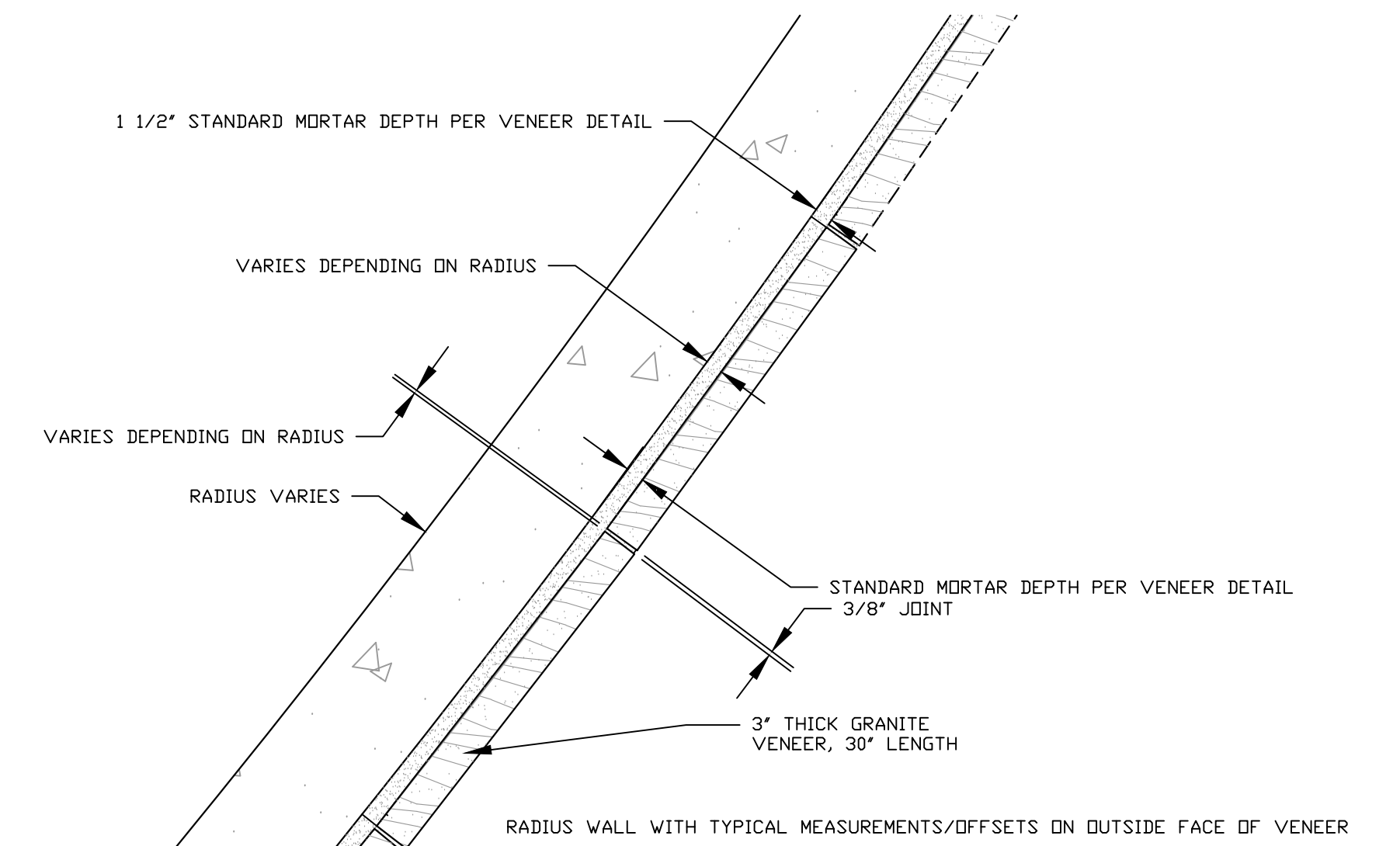
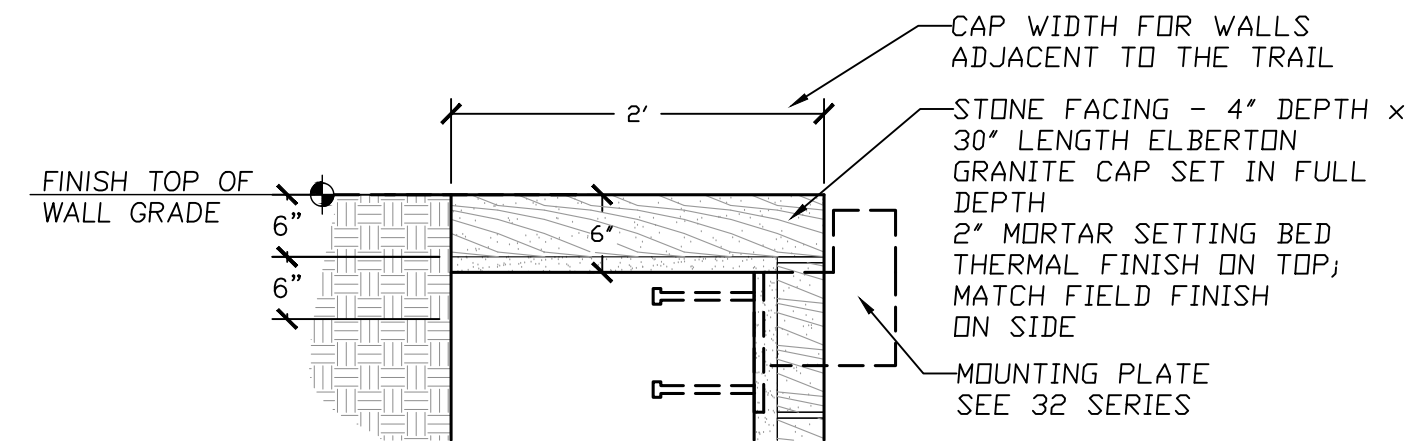
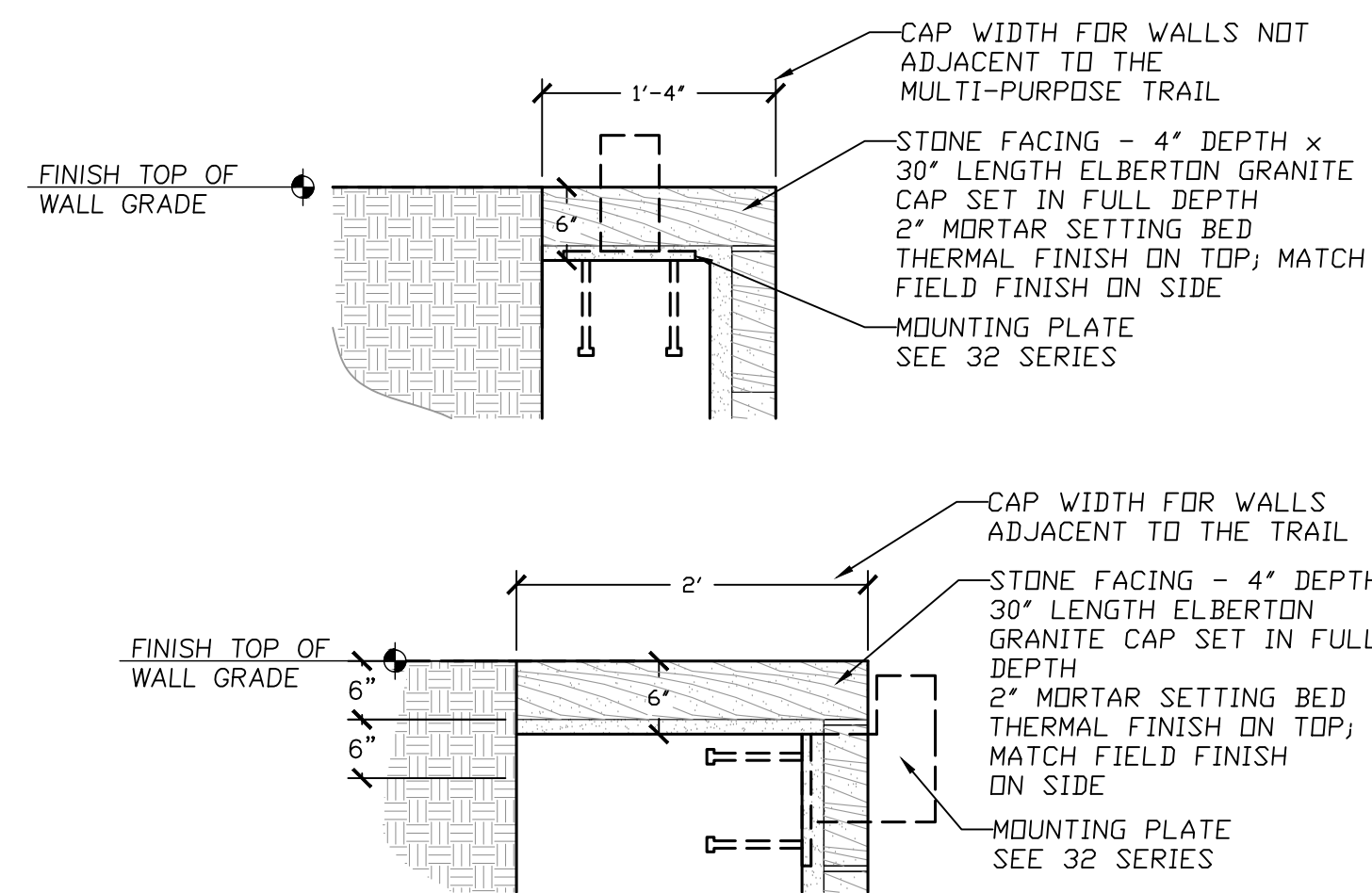
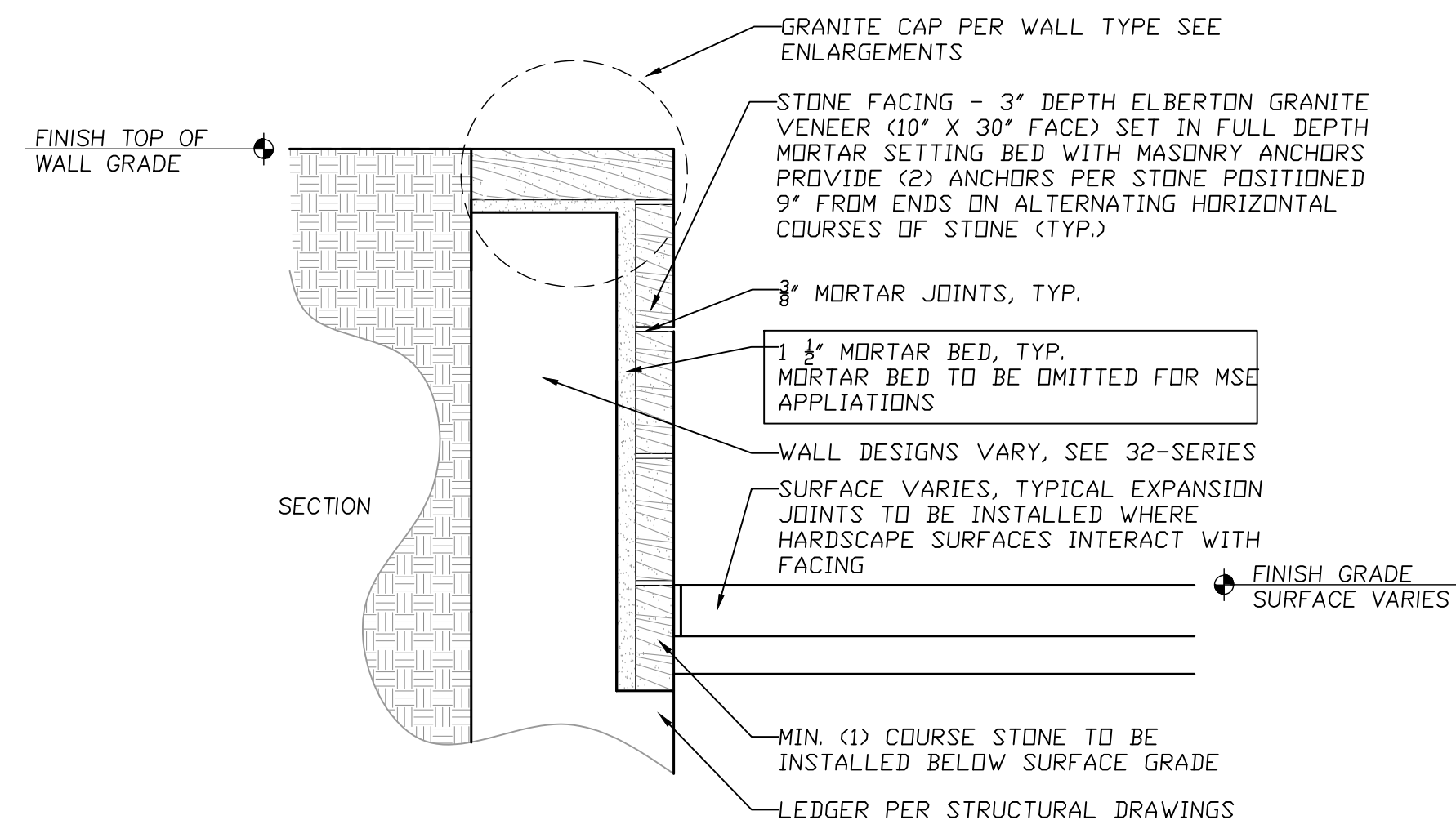
PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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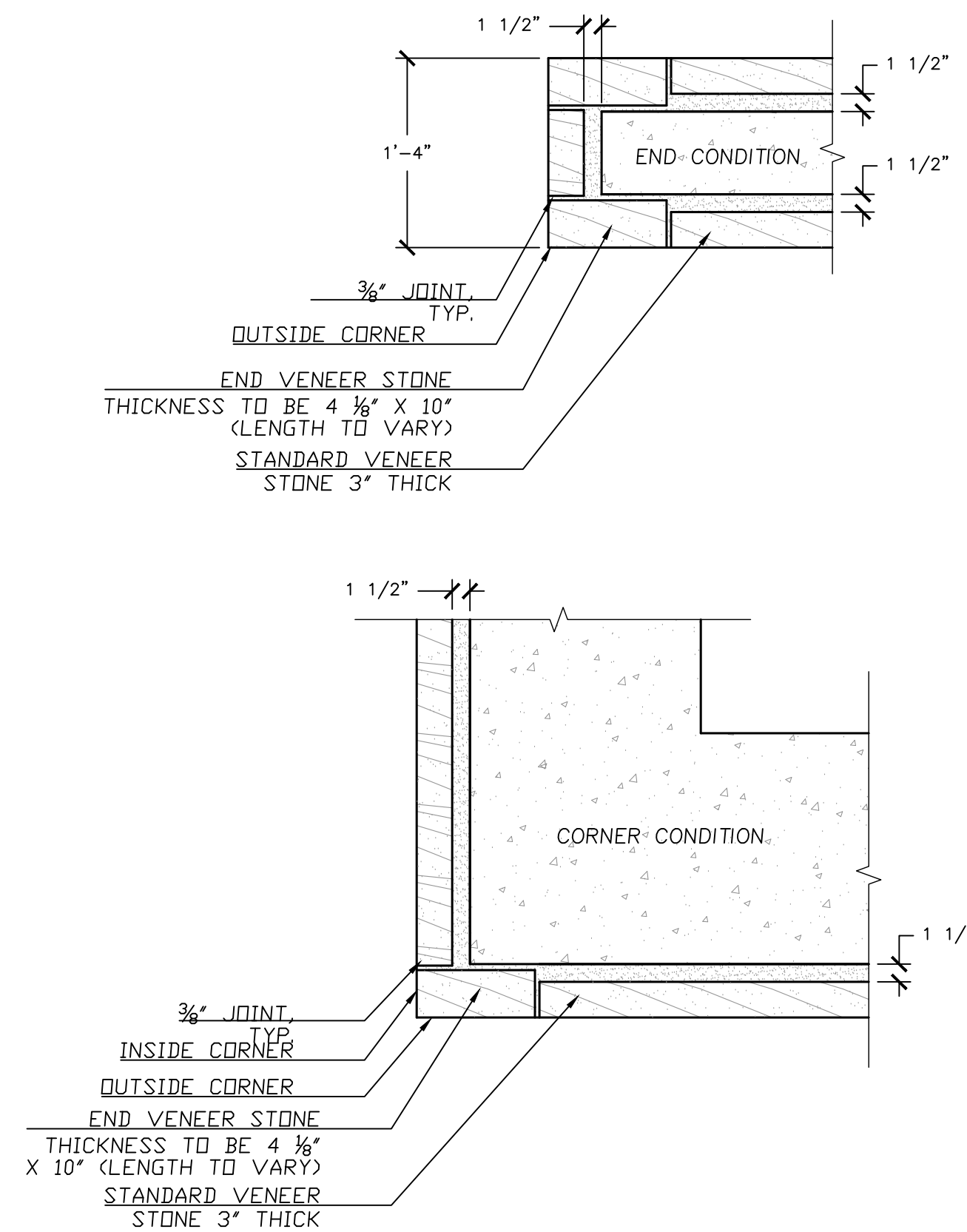
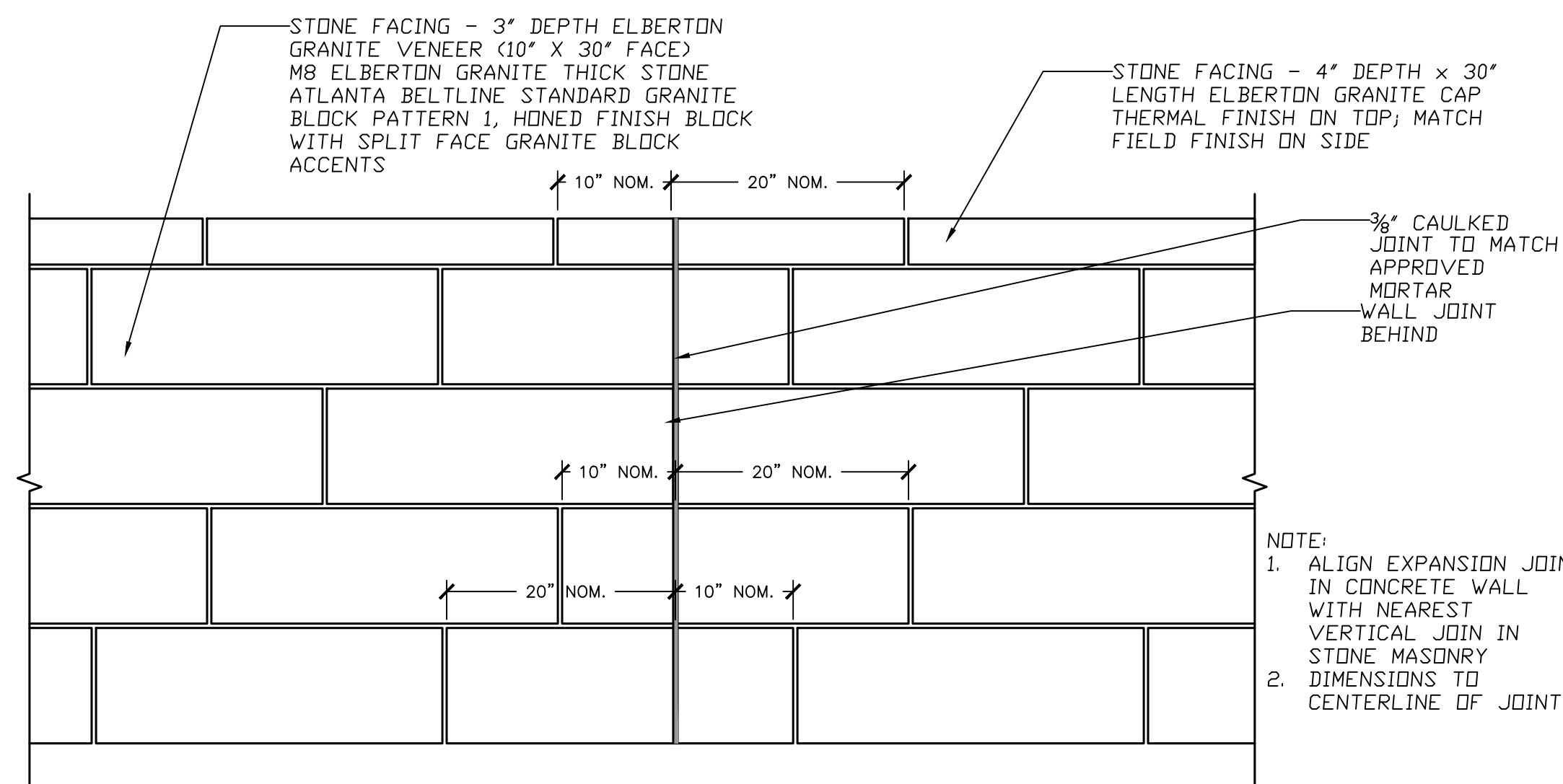
REVISION DATES		SPECIAL CONSTRUCTION DETAIL	
NO.	DATE	ATLANTA BELTLINE NORTHEAST TRAIL	
		CHECKED:	DATE:
		BACKCHECKED:	DATE:
		CORRECTED:	DATE:
		VERIFIED:	DATE:

DRAWING No.
38-001



1 GRANITE STONE VENEER 1" = 1' SCALE

2 GRANITE VENEER ON RADIAL WALLS 1" = 1' SCALE



3 GRANITE STONE FACING AT WALL EXPANSION JOINT 1" = 1' SCALE

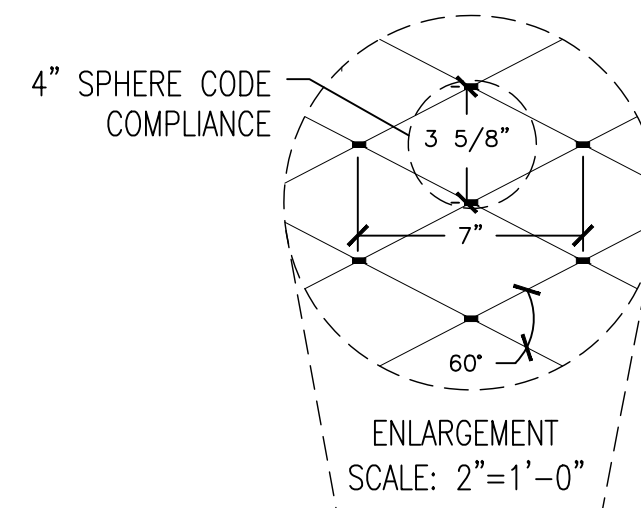
4 RETAINING WALL END/CORNER CONDITION 1" = 1' SCALE

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

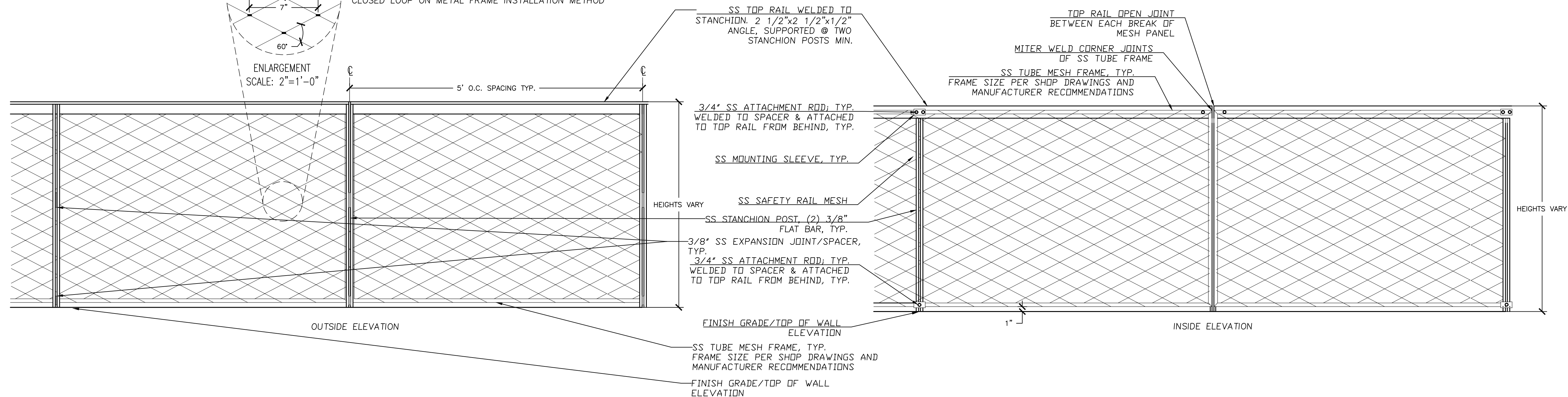
Atlanta BeltLine
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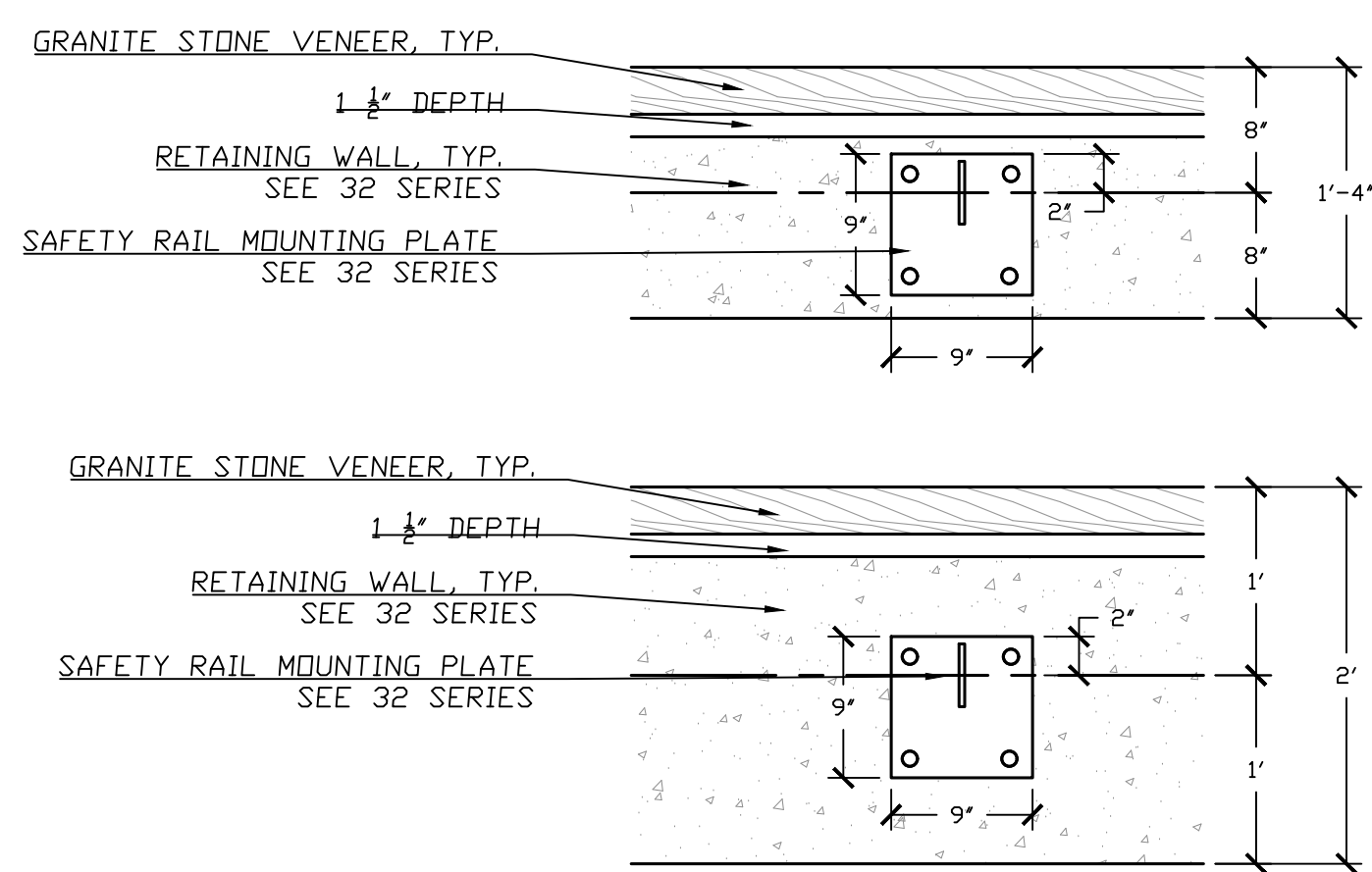
REVISION DATES		SPECIAL CONSTRUCTION DETAIL	
NO.	DATE	ATLANTA BELTLINE NORTHEAST TRAIL	
		CHECKED:	DATE:
		BACKCHECKED:	DATE:
		CORRECTED:	DATE:
		VERIFIED:	DATE:
		DRAWING No.	
		38-002	



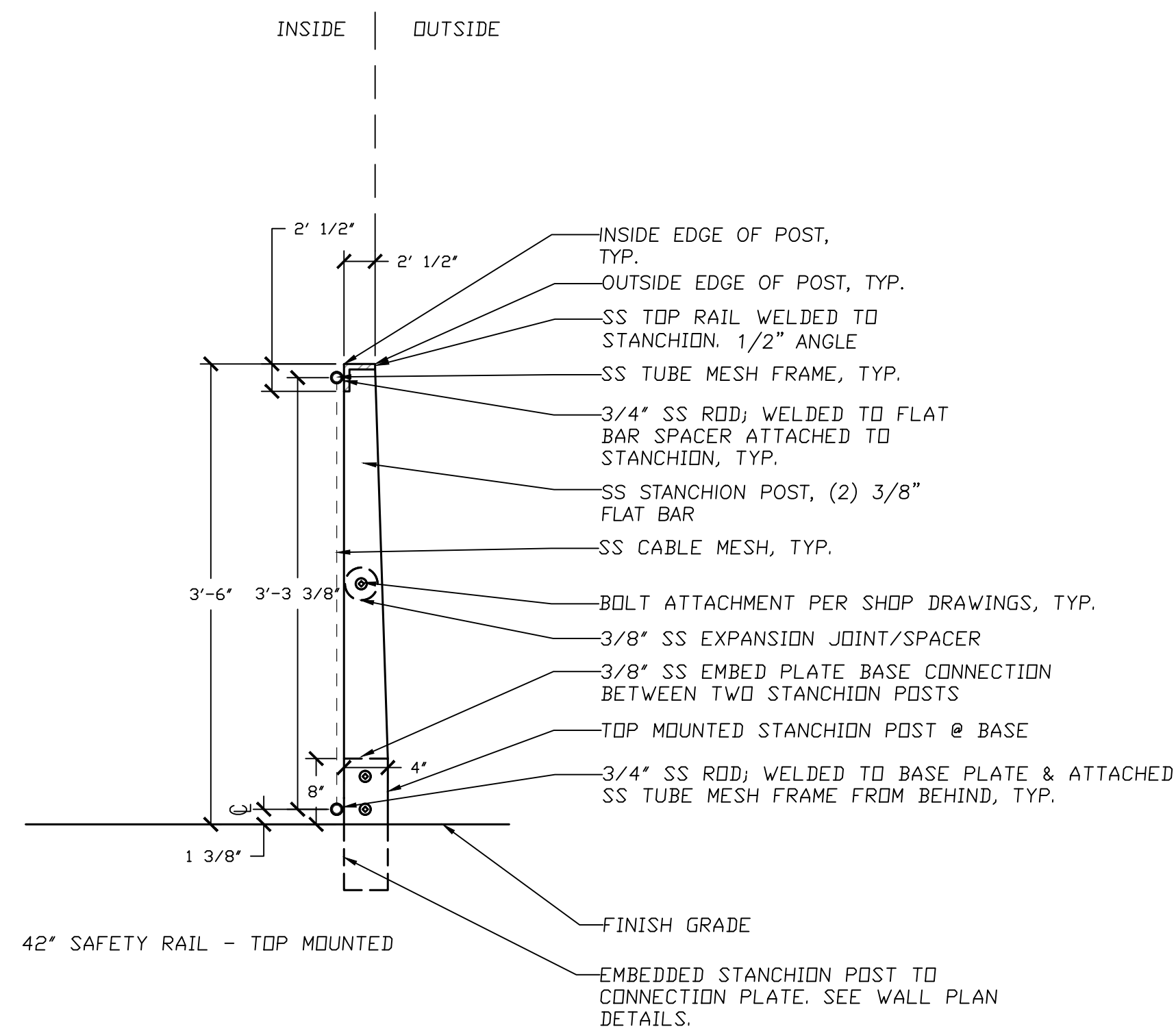
SS SAFETY RAIL MESH:
 CARL STAHL DECORCABLE INNOVATIONS
 2MM X 100MM (2MM X 50MM AT 102 inch HT SAFETY RAIL AT METROPOLITAN BRIDGE)
 HORIZONTAL MESH DIRECTION (DIAGNAL MESH DIRECTION AT RAMPS AND STAIRS)
 CLOSED LOOP ON METAL FRAME INSTALLATION METHOD



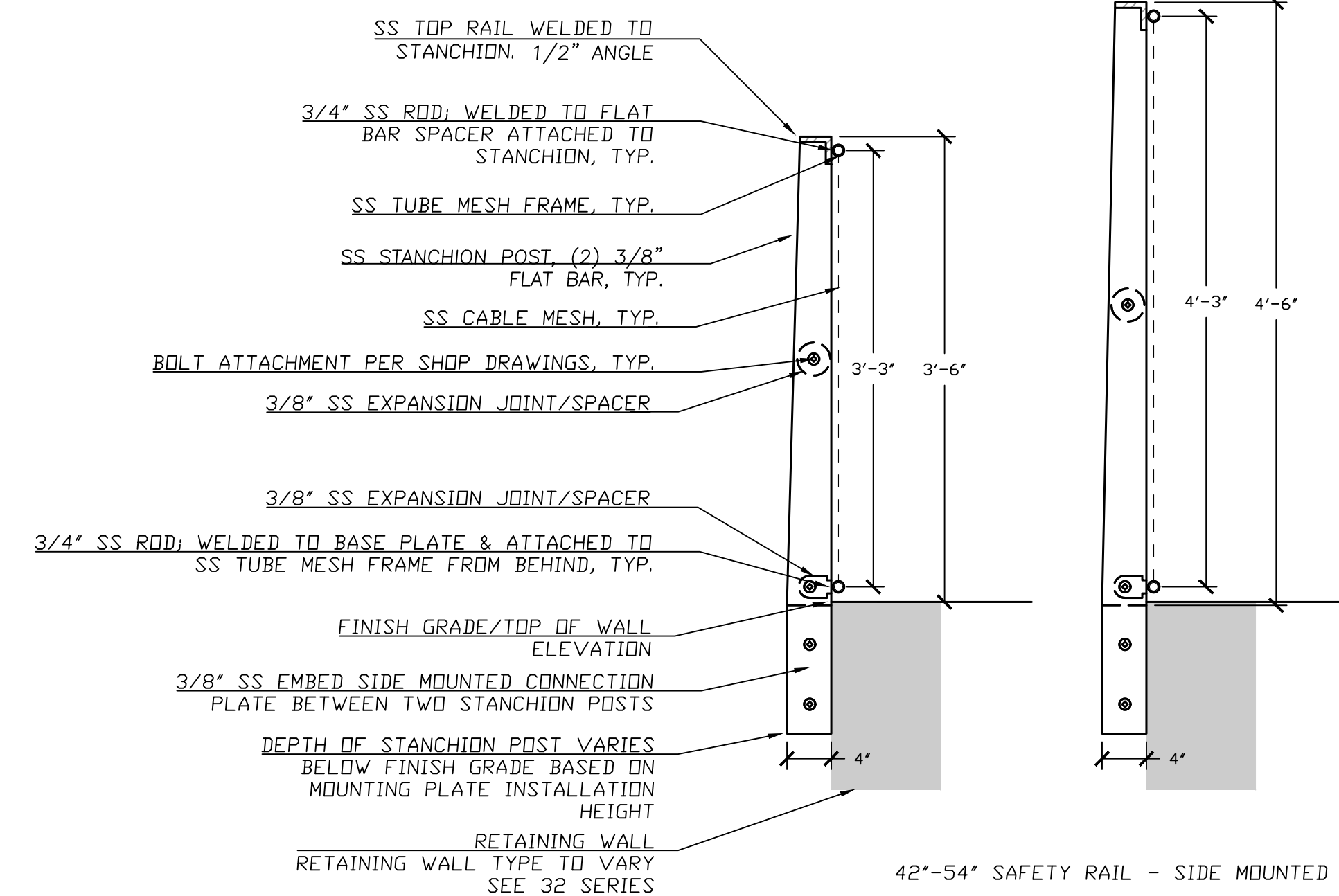
1 SAFETY RAIL - INSIDE AND OUTSIDE ELEVATIONS
 1 inch = 1 foot SCALE



2 SAFETY RAIL MOUNTING PLATE
 1 inch = 1 foot SCALE



3 SAFETY RAIL - TOP MOUNTED
 1 inch = 1 foot SCALE



4 SAFETY RAIL - SIDE MOUNTED
 1 inch = 1 foot SCALE

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

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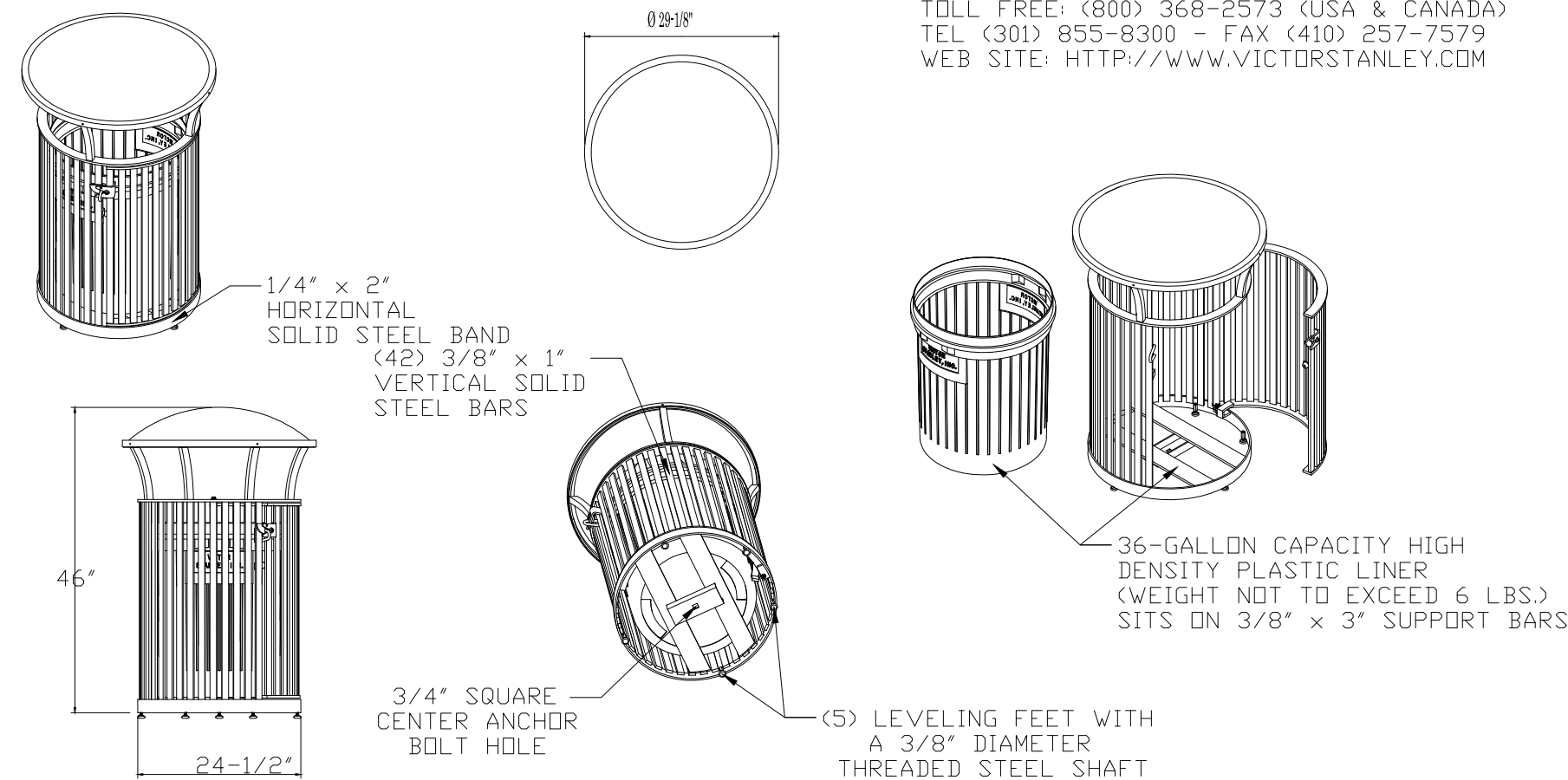
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 817 WEST PEACHTREE STREET, NW
 ATLANTA, GEORGIA 30308
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REVISION DATES	

SPECIAL CONSTRUCTION DETAIL
 ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	38-003
CORRECTED:	DATE:	
VERIFIED:	DATE:	

MANUFACTURER: VICTOR STANLEY
MODEL: A-36 STEEL SITES SERIES



P.O. DRAWER 330 - DUNKIRK, MD 20754 USA
TOLL FREE: (800) 368-2573 (USA & CANADA)
TEL (301) 855-8300 - FAX (410) 257-7579
WEB SITE: HTTP://WWW.VICTORSTANLEY.COM

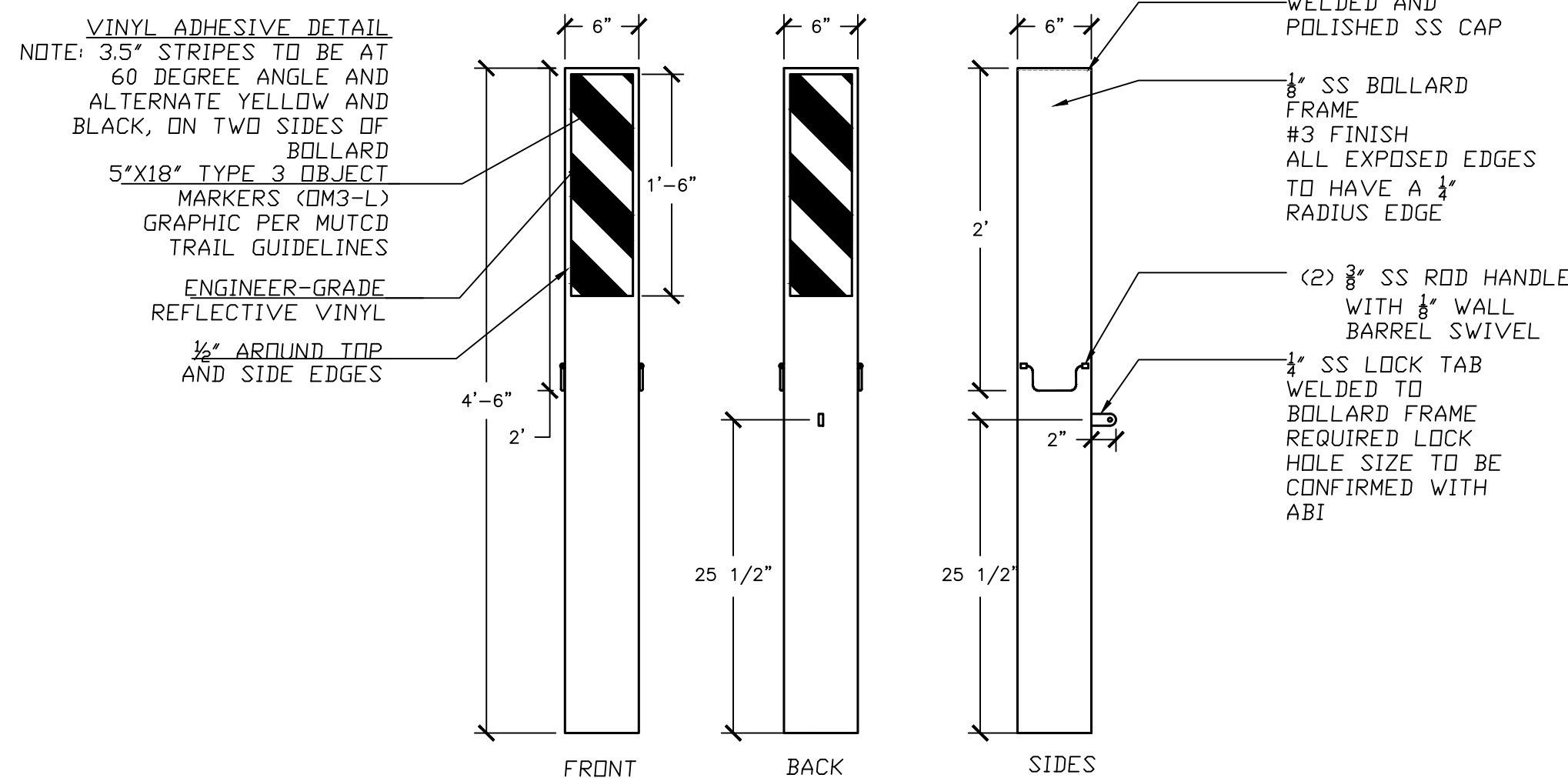
AVAILABLE OPTIONS:
POWDER COATING
10 STANDARD COLORS, CUSTOM COLORS (INCLUDING THE RAL RANGE)
CUSTOM PLAQUES & DECALS
AVAILABLE WITH STEEL PLAQUES IN VARIOUS SIZES AND PRESSURE SENSITIVE VINYL OUTDOOR DECALS.

LID AVAILABLE WITH OPTIONAL STAINLESS STEEL ASHTRAY
SECURITY SHOWN WITH STANDARD LOCKABLE LATCH. AVAILABLE WITH OPTIONAL KEYED LOCK BOX. LID RIVETED IN PLACE. AVAILABLE WITH OPTIONAL MOUNT WITH 3 IN-LINE ANCHOR HOLES AND OPTIONAL BOTTOM PLATE COVER.

- NOTES:
- DRAWINGS NOT TO SCALE. DO NOT SCALE DRAWINGS.
 - ALL FABRICATED METAL COMPONENTS ARE STEEL SHOTBLASTED, ETCHED, PHOSPHATIZED, PREHEATED, AND ELECTROSTATICALLY POWDER-COATED WITH T.G.I.C. POLYESTER POWDER COATINGS. PRODUCTS ARE FULLY CLEANED AND PRETREATED, PREHEATED AND COATED WHILE HOT TO FILL CREVICES AND BUILD FILM COATING. COATED PARTS ARE THEN FULLY CURED TO COATING MANUFACTURER'S SPECIFICATIONS. THE THICKNESS OF THE RESULTING FINISH AVERAGES 8-10 MILS (200-250 MICRONS).
 - OIL IMPREGNATED BRONZE BUSHINGS AND STAINLESS STEEL PIVOT PINS FOR DOOR MOVEMENT, STANDARD 3/16" SOLID STEEL LATCH ASSEMBLY OR OPTIONAL PATENTED STAINLESS STEEL KEYED LOCK ASSEMBLY.
 - THIS VICTOR STANLEY, INC. PRODUCT MUST BE PERMANENTLY AFFIXED TO THE GROUND. CONSULT YOUR LOCAL CODES FOR REGULATIONS.
 - VICTOR STANLEY, INC., PLASTIC INNER LINERS ARE MOLDED ON TOOLING DESIGNED FOR AND OWNED BY VICTOR STANLEY, INC. THEY OFFER MAXIMUM CAPACITY AND STRENGTH WITH LIGHTWEIGHT CONSTRUCTION USING CRITICAL MOLDED RIBS, INTEGRAL HANDHOLDS, AND HIGH-STRENGTH MATERIALS. THIS MINIMIZES HANDLING DIFFICULTY AND FACILITATES EASY EMPTYING AND STORAGE WHILE AFFORDING LONG SERVICE LIFE.
 - ANCHOR BOLT NOT PROVIDED BY VICTOR STANLEY, INC.
 - FOR HIGH SALT ABUSIVE CLIMATES, HOT DIP GALVANIZING BEFORE POWDER COATING IS AVAILABLE. SEE WRITTEN SPECIFICATIONS FOR DETAILS.
 - ALL SPECIFICATIONS ARE SUBJECT TO CHANGE. CONTACT MANUFACTURER FOR DETAILS.
 - THIS PRODUCT IS SHIPPED FULLY ASSEMBLED.

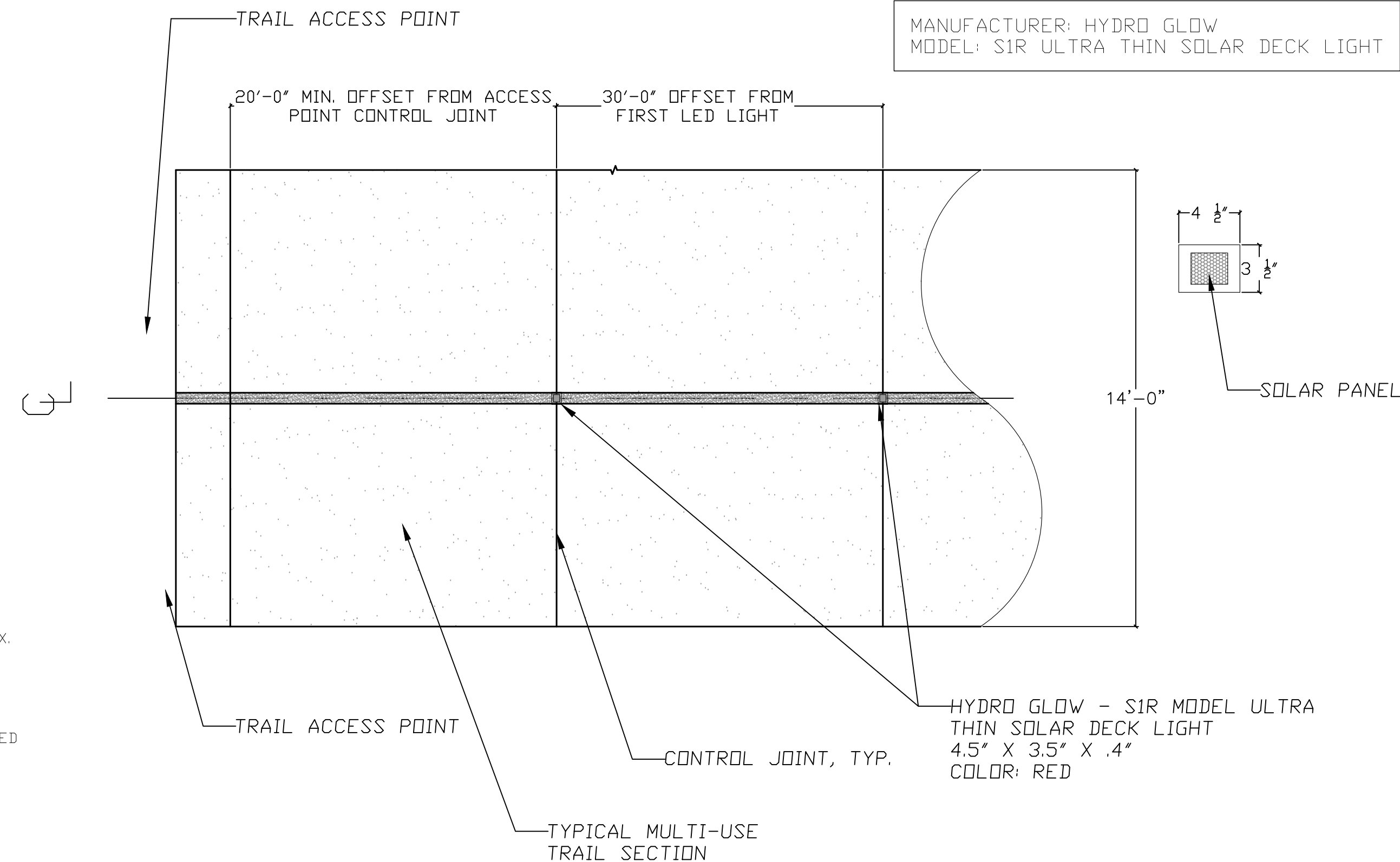
- NOTES:
- CONTRACTOR TO CONTACT ABI REPRESENTATIVE BEFORE ORDER AND INSTALL FOR APPROVAL OF PRODUCT OPTIONS, QUANTITIES, LOCATIONS, AND INSTALL PREFERENCES.
 - TRASH RECEPTACLE TO BE BOLTED, PER MANUFACTURER'S SPECIFICATIONS, TO A 4" THICK CONCRETE PAD. CONCRETE PAD TO HAVE DIMENSIONS, AT MINIMUM, OF 3'-0" OFFSET FROM CENTER OF TRASH RECEPTACLE.

1 TRASH RECEPTACLE
1" = 2" SCALE

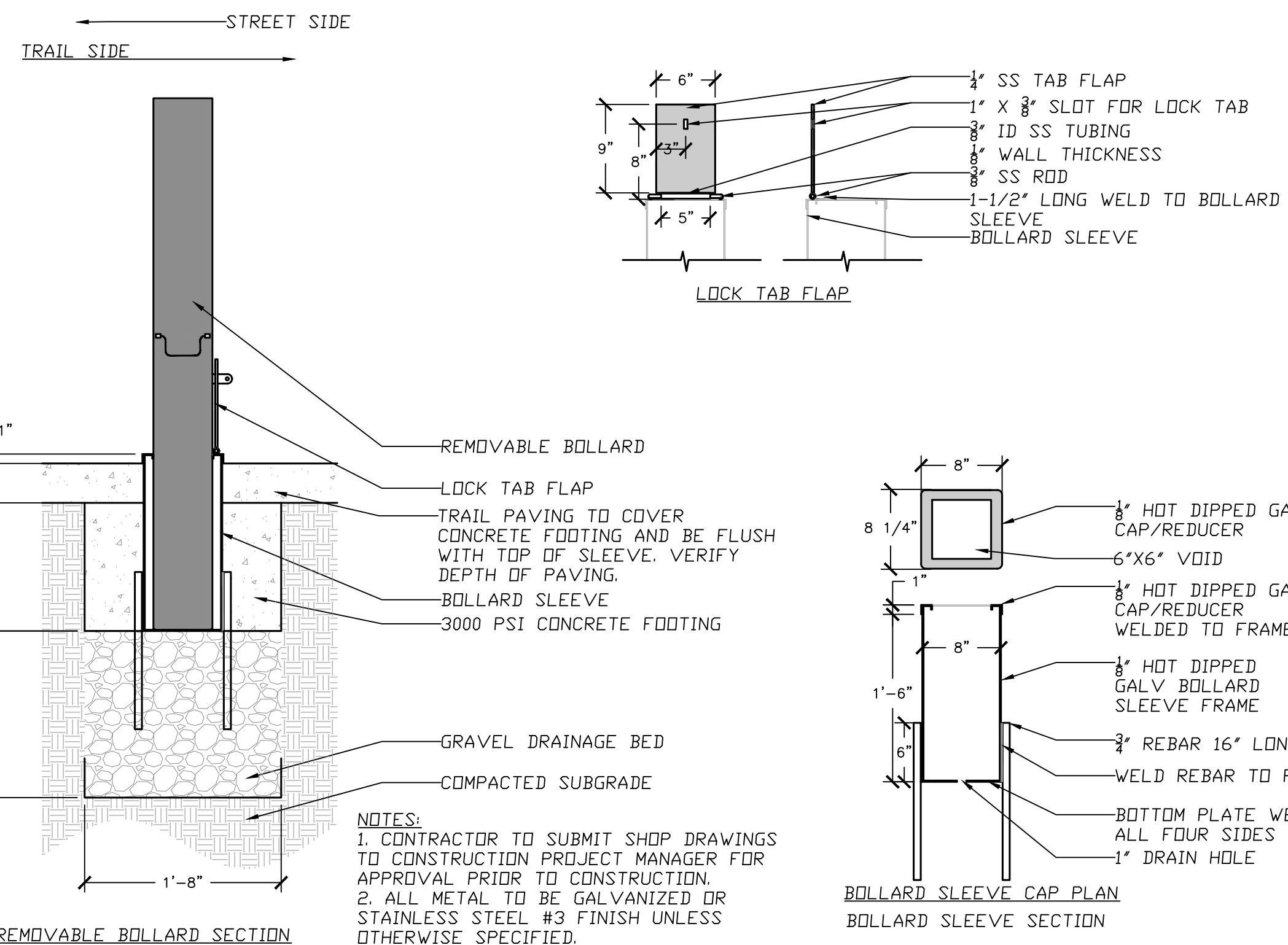


3 BOLLARD
1" = 1" SCALE

MANUFACTURER: HYDRO GLOW
MODEL: SIR ULTRA THIN SOLAR DECK LIGHT



2 SOLAR LED LIGHT
NOT TO SCALE



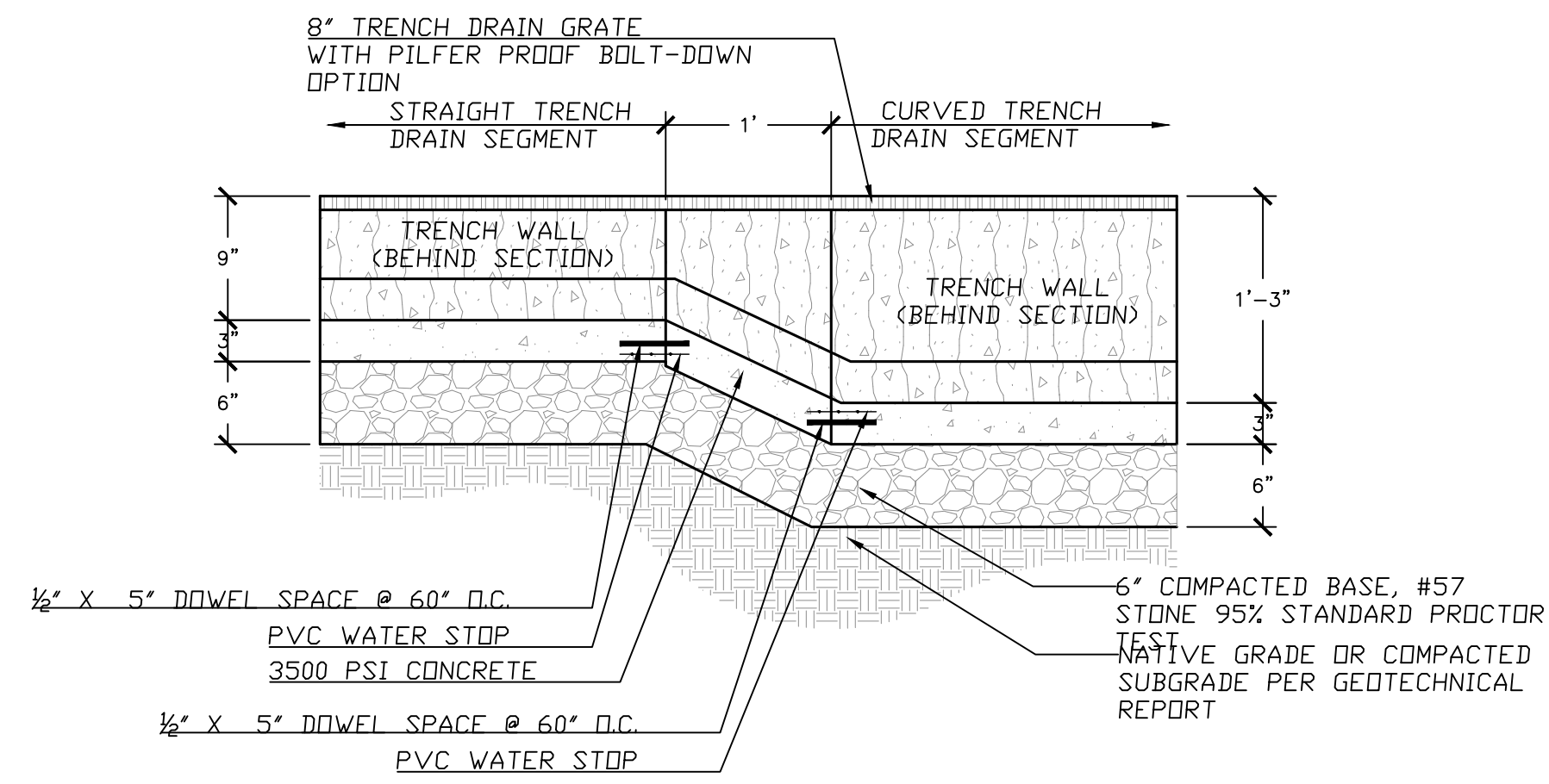
PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---R---
CONSTRUCTION LIMITS	---G---F---
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	[Hatched Pattern]
TEMPORARY EASEMENT FOR CONST. OF SLOPES	[Diagonal Line Pattern]
TEMPORARY EASEMENT FOR CONST. OF DRIVES	[Cross-hatch Pattern]

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100 PEACHTREE STREET, NW
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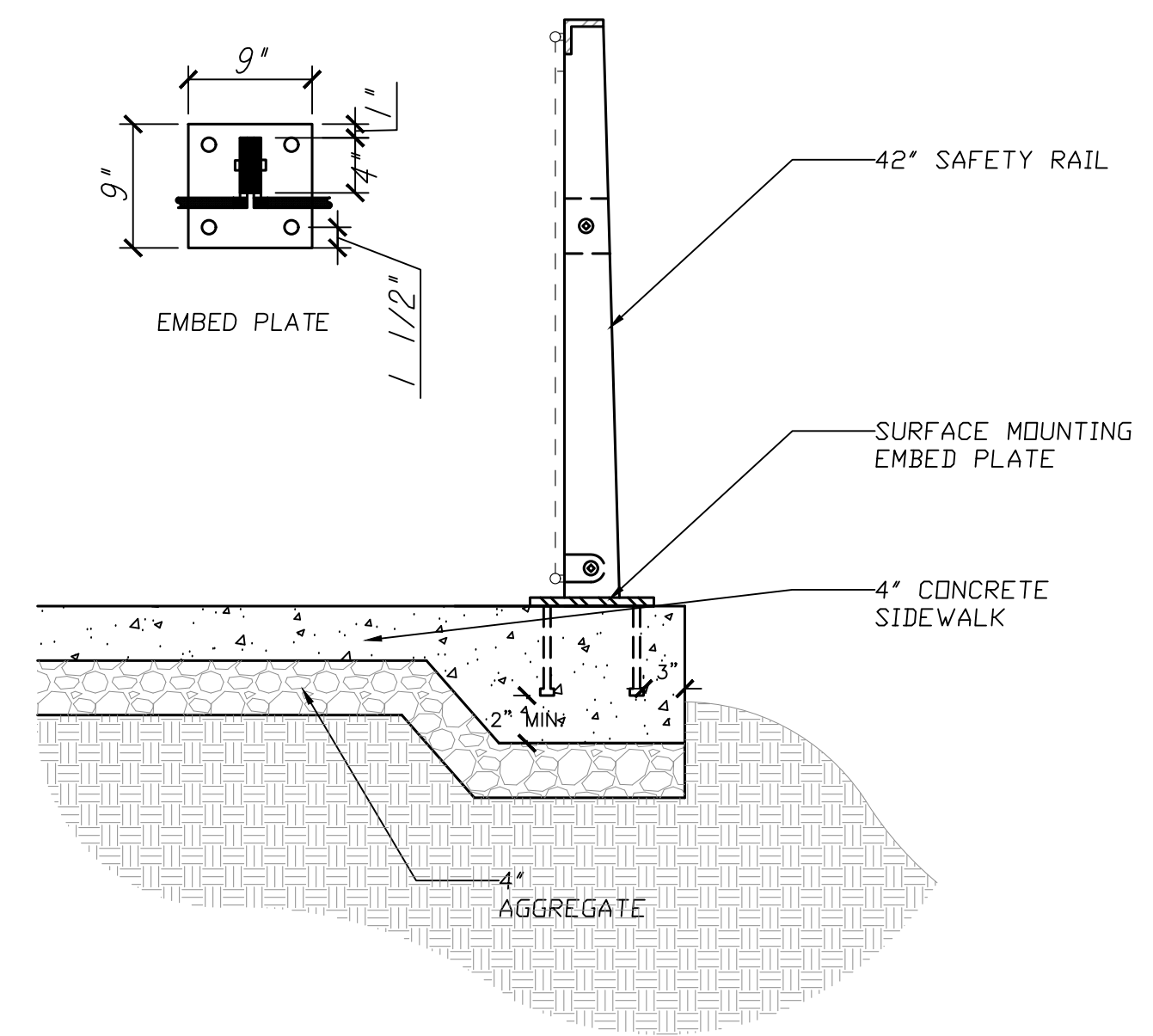
Kimley»Horn
KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

REVISION DATES	
12/17/21	

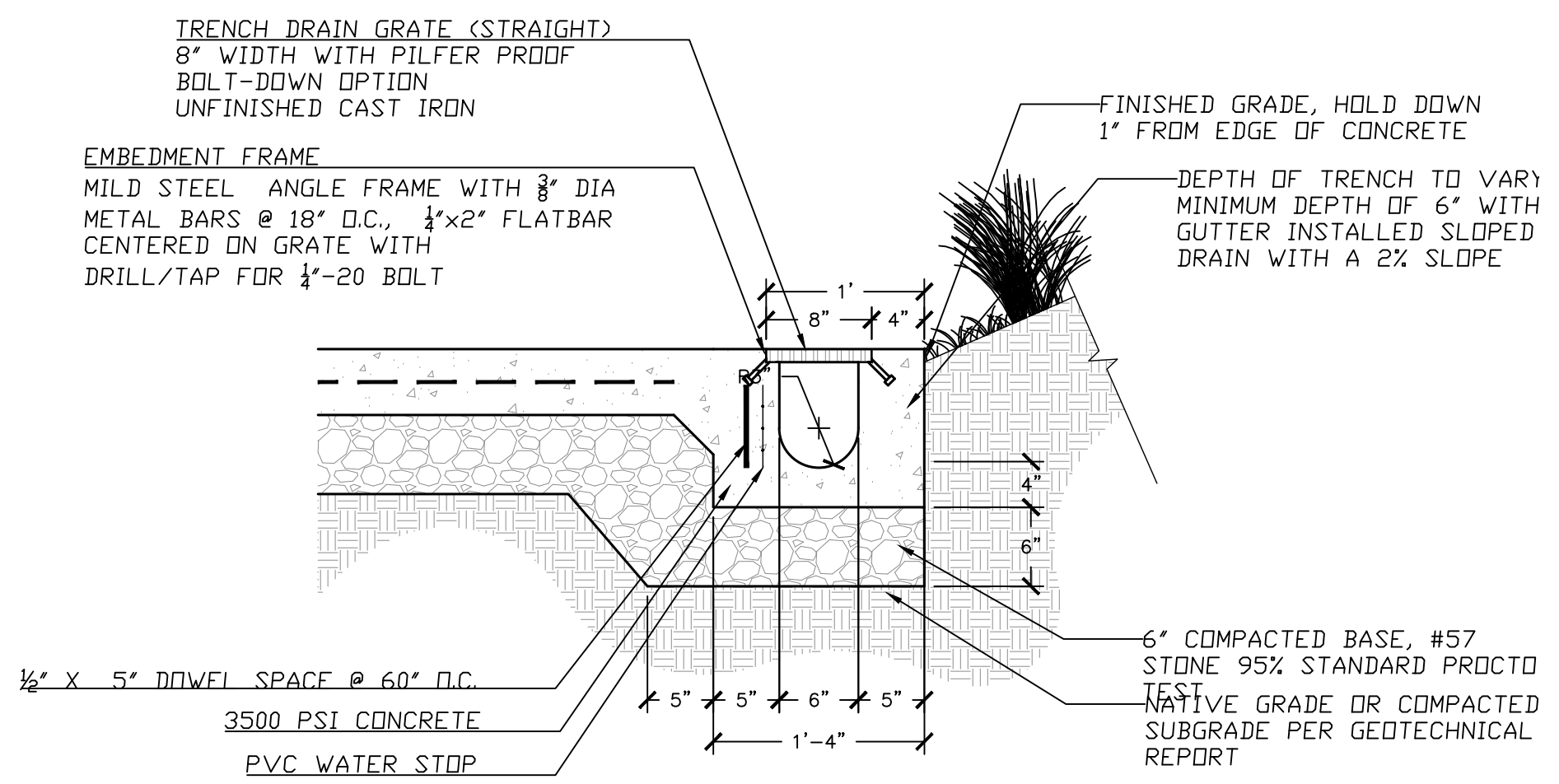
SPECIAL CONSTRUCTION DETAIL			
ATLANTA BELTLINE NORTHEAST TRAIL			
CHECKED:		DATE:	
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			38-004



1 TRENCH DRAIN - TRANSITION BETWEEN SEGMENTS
1" = 1" SCALE

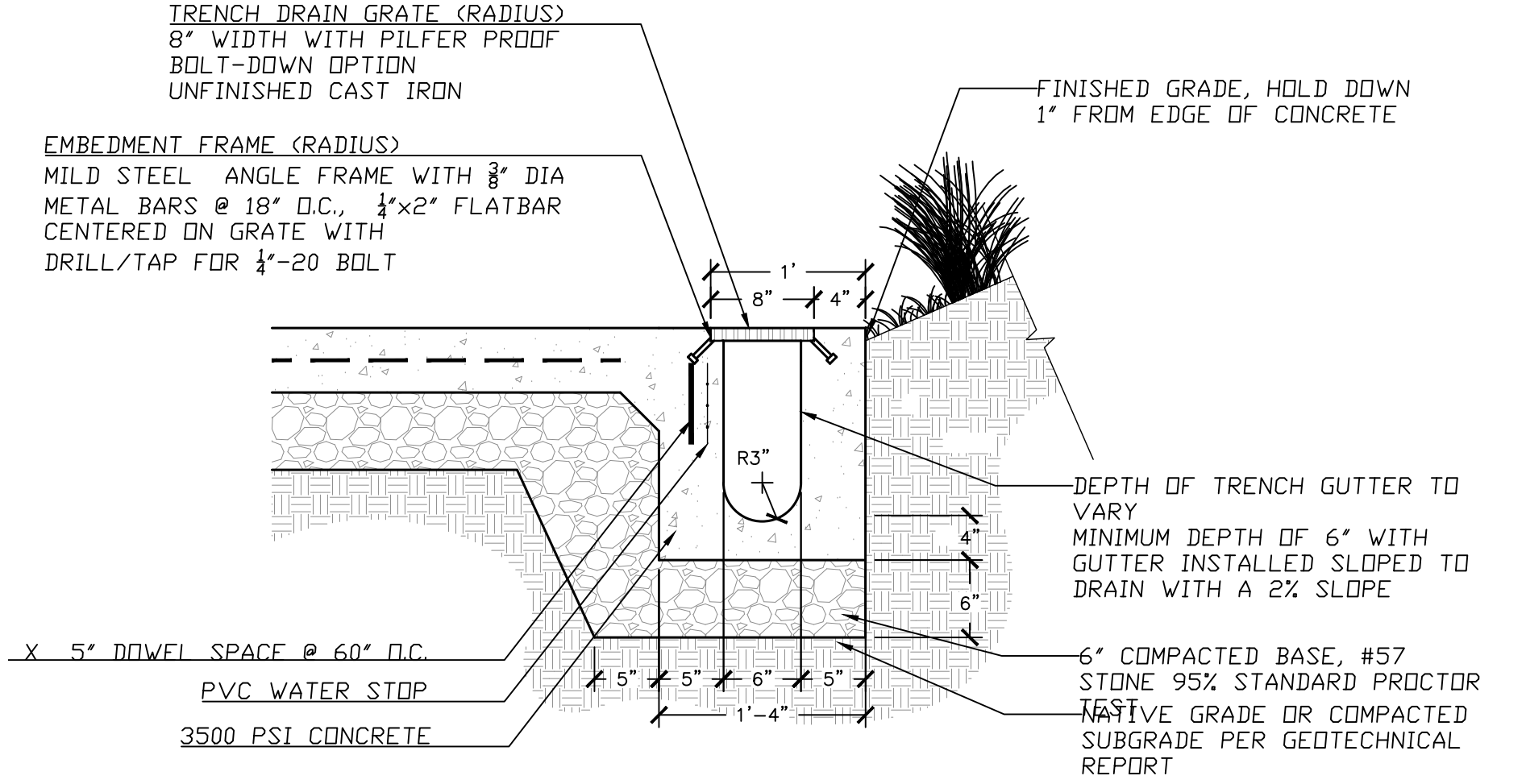


2 SAFETY RAIL - PIEDMONT AVE SIDEWALK
1" = 1" SCALE



- NOTES:
- TRENCH GRATE COMPONENTS (GRATE, FRAME & ANCHOR STUD) SHALL BE SIZED ACCORDINGLY FOR A 8" GRATE WITH TAMPER PROOF HARDWARE
 - INSTALL TRENCH DRAIN COMPONENTS PER MANUFACTURER'S SPECIFICATIONS
 - INSTALL WATER STOP PER MANUFACTURER'S SPECIFICATIONS
 - SUBMIT SHOP DRAWINGS TO LANDSCAPE ARCHITECT FOR APPROVAL

3 TRENCH DRAIN - STRAIGHT SEGMENT
1" = 1" SCALE



- NOTES:
- TRENCH GRATE COMPONENTS (GRATE, FRAME & ANCHOR STUD) SHALL BE 8" TRENCH GRATE WITH PILFER PROOF BOLT-DOWN BY IRON AGE DESIGNS OR APPROVED EQUAL. SPECIFY STRAIGHT AND RADIUS SEGMENTS
 - INSTALL TRENCH DRAIN COMPONENTS PER MANUFACTURER'S SPECIFICATIONS
 - INSTALL WATER STOP PER MANUFACTURER'S SPECIFICATIONS
 - TRENCH, FRAME AND GRATE WILL MATCH RADIUS OF PATH

4 TRENCH DRAIN - CURVED SEGMENT
1" = 1" SCALE

PROPERTY AND EXISTING R/W LINE	---
REQUIRED R/W LINE	---
CONSTRUCTION LIMITS	---
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	▨
TEMPORARY EASEMENT FOR CONST. OF SLOPES	▨
TEMPORARY EASEMENT FOR CONST. OF DRIVES	▨

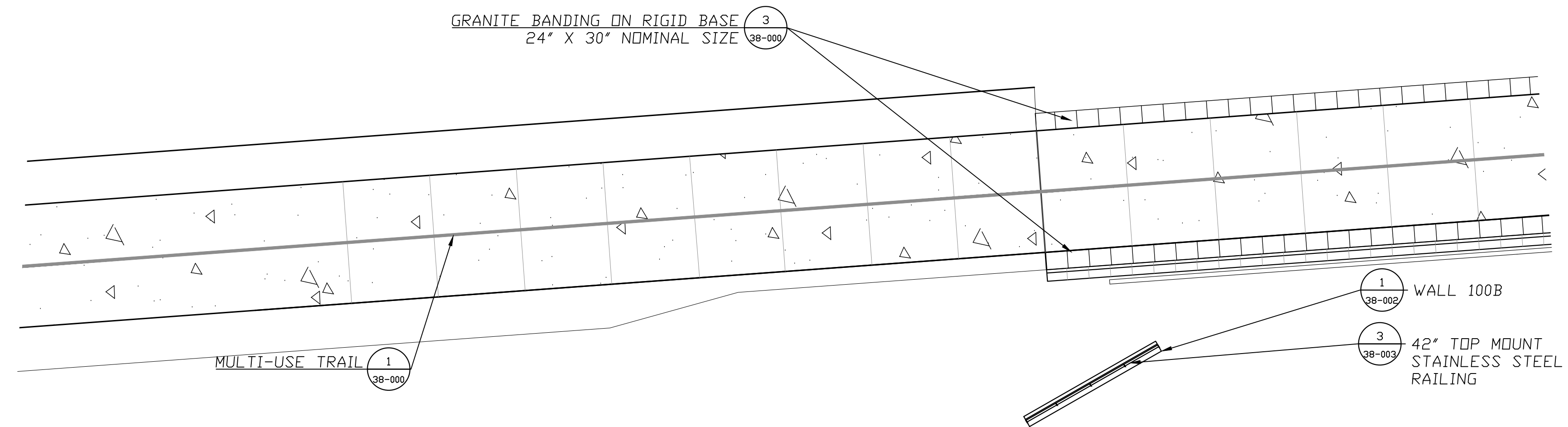
Atlanta BeltLine
ATLANTA BELTLINE, INC.
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REVISION DATES	

SPECIAL CONSTRUCTION DETAIL
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 38-005
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



PROJECT OR
REVISION
DATE

PROJECT OR
REVISION
DATE

PIEDMONT SOUTH
1" = 10'

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

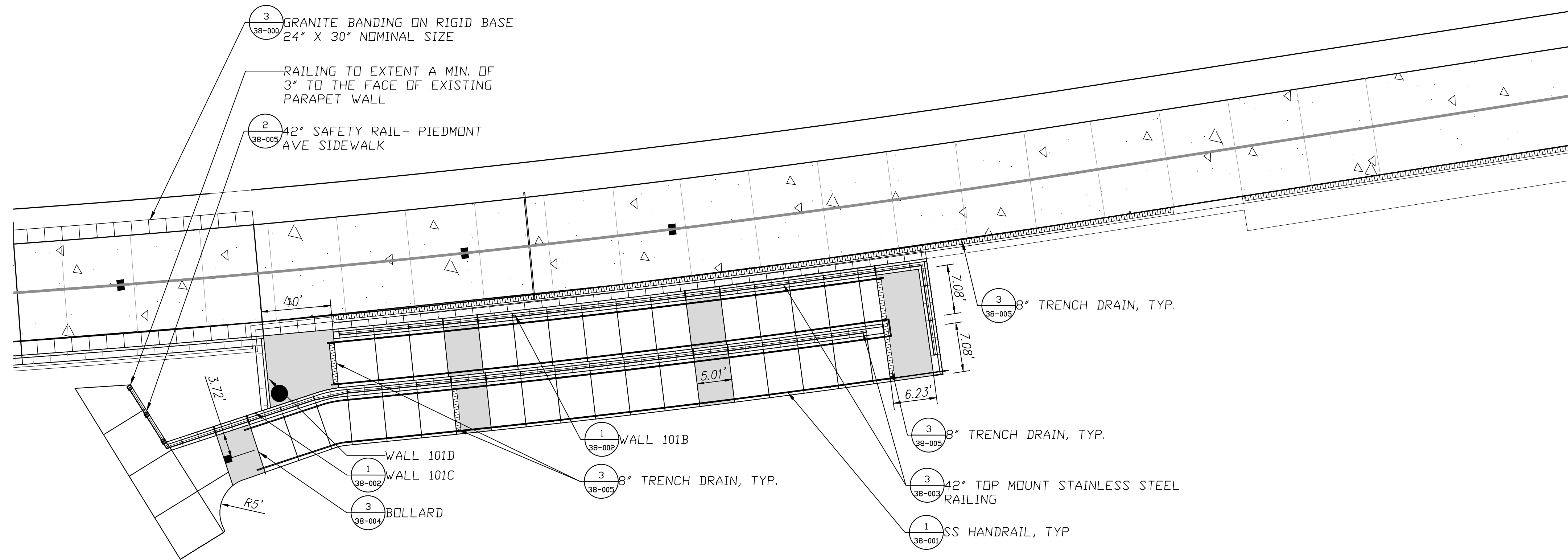
Atlanta BeltLine
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REVISION DATES	

SPECIAL CONSTRUCTION DETAIL
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	38-006
CORRECTED:	DATE:	
VERIFIED:	DATE:	



○ PIEDMONT NORTH VERTICAL CONNECTION
 1" = 10'

PROPERTY AND EXISTING R/W LINE	
REQUIRED R/W LINE	
CONSTRUCTION LIMITS	
PERMANENT EASEMENT FOR CONST. & MAINTENANCE OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF SLOPES	
TEMPORARY EASEMENT FOR CONST. OF DRIVES	

Atlanta BeltLine

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 SUITE 2300
 ATLANTA, GA 30303
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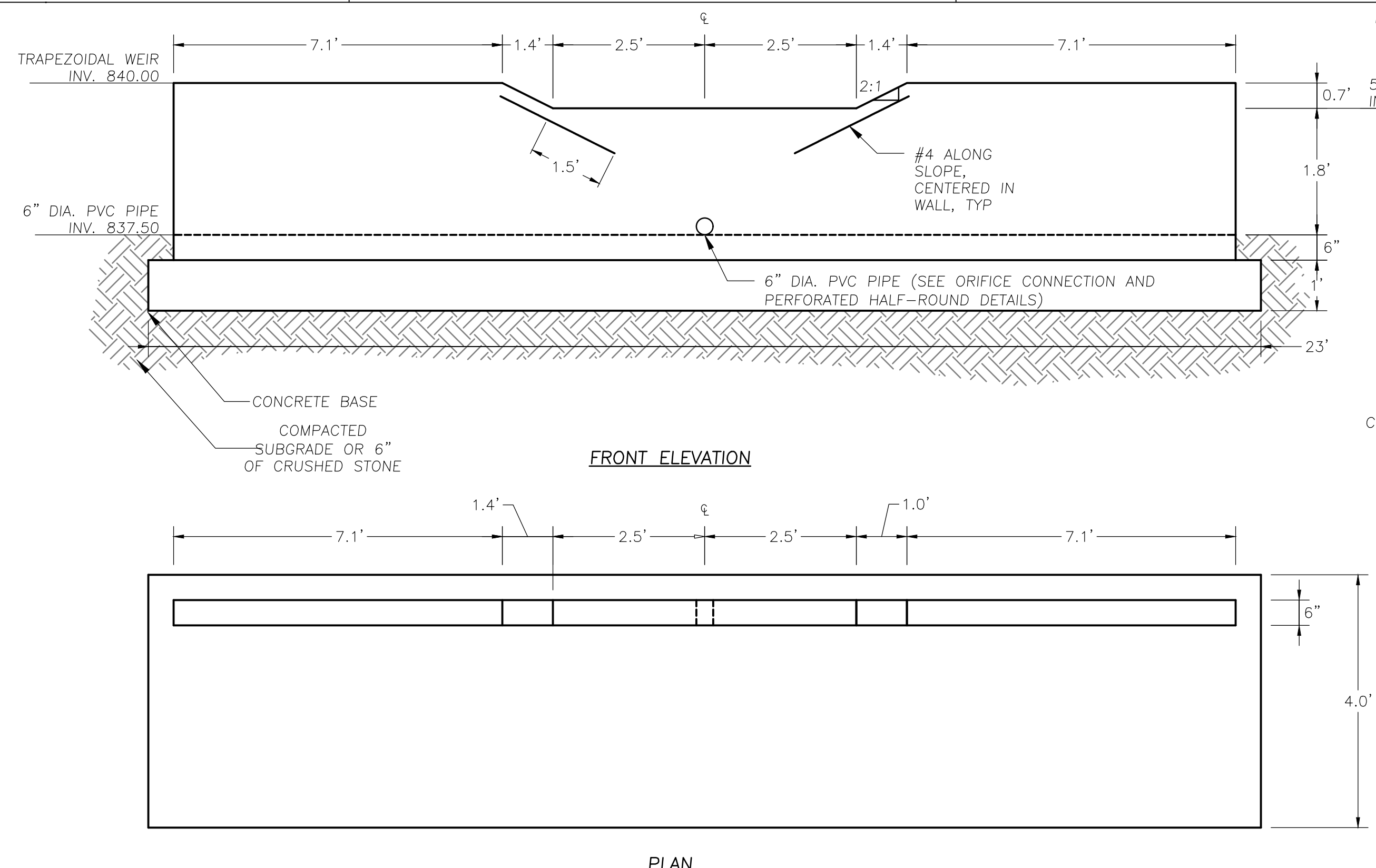
Kimley»Horn

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 THE BILTMORE, SUITE 601
 817 WEST PEACHTREE STREET, NW
 ATLANTA, GEORGIA 30308
 TEL: (404) 419-8700

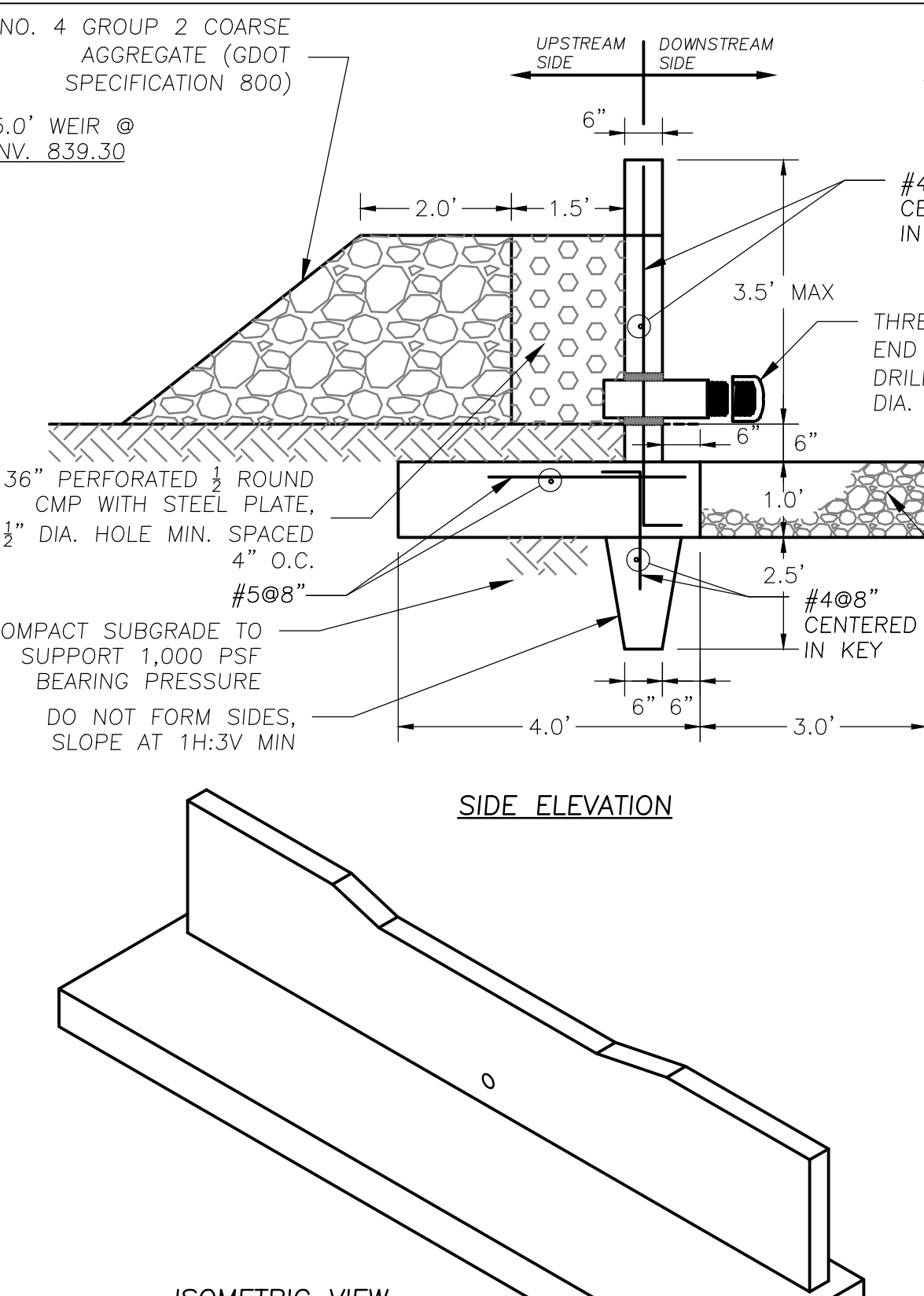
REVISION DATES	

SPECIAL CONSTRUCTION DETAIL
 ATLANTA BELTLINE NORTHEAST TRAIL

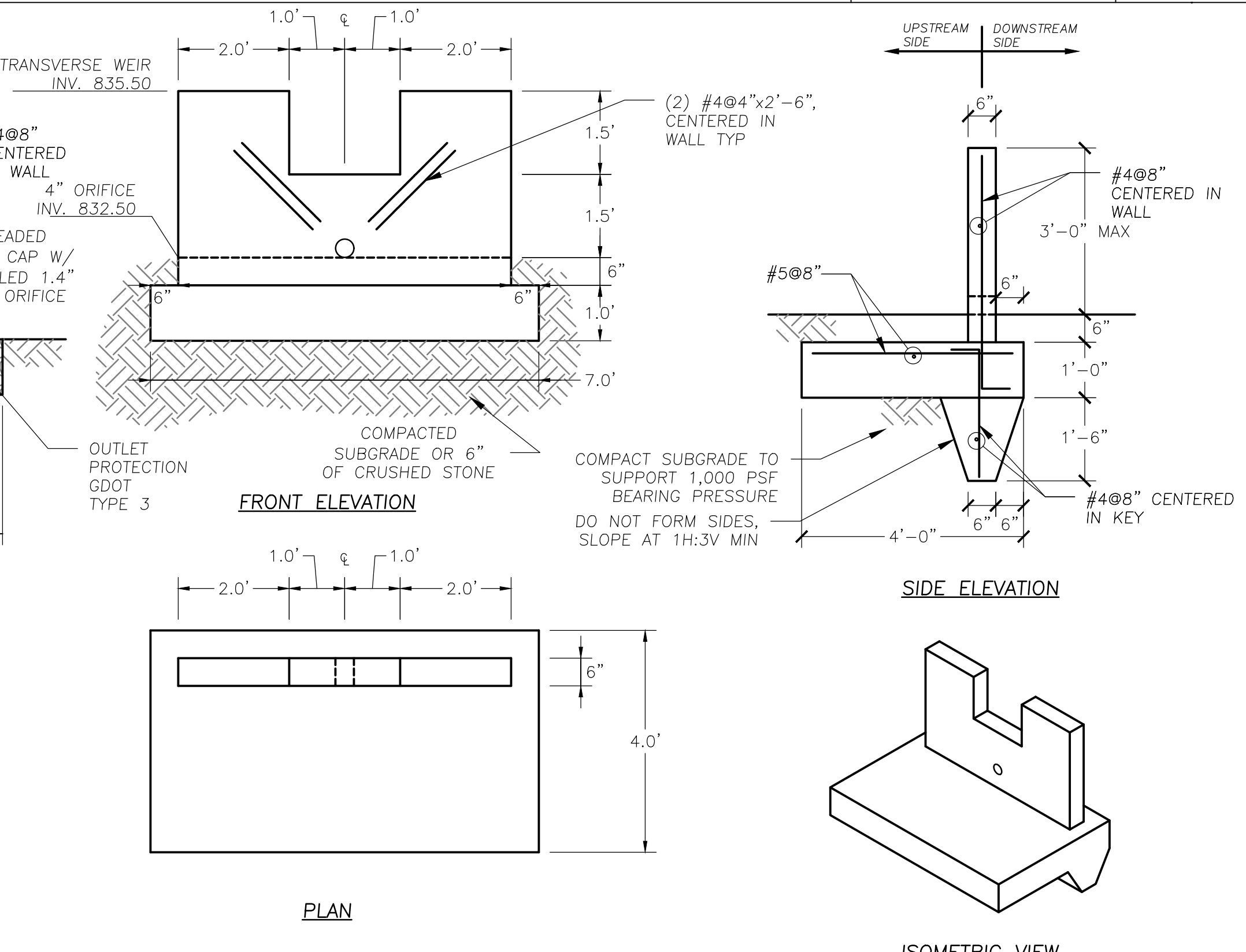
CHECKED:	DATE:	DRAWING No.
BACKCHECKED:	DATE:	38-007
CORRECTED:	DATE:	
VERIFIED:	DATE:	



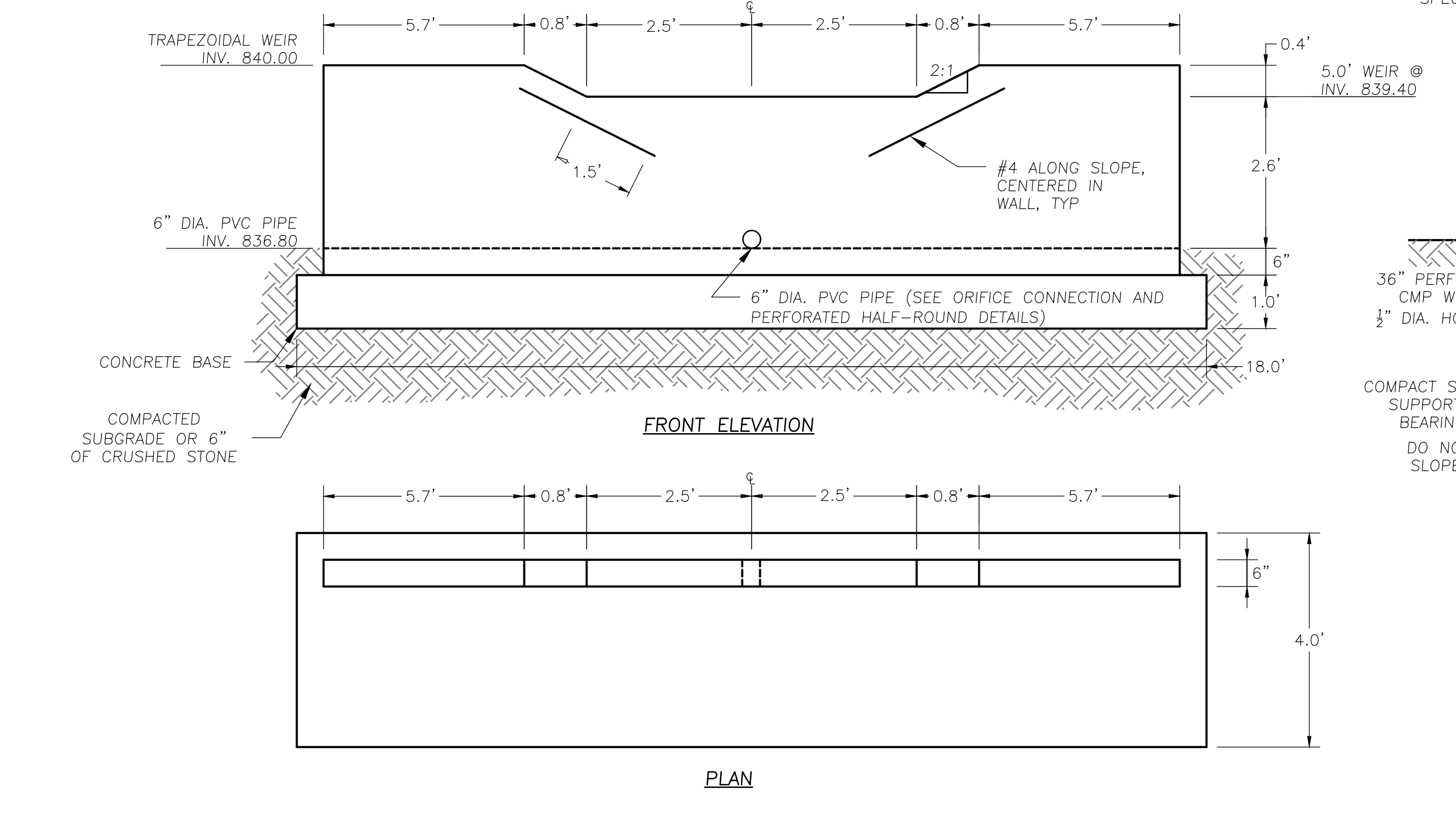
1 SWALE OUTLET CONTROL STRUCTURE A-2A
1/2" = 1'-0"



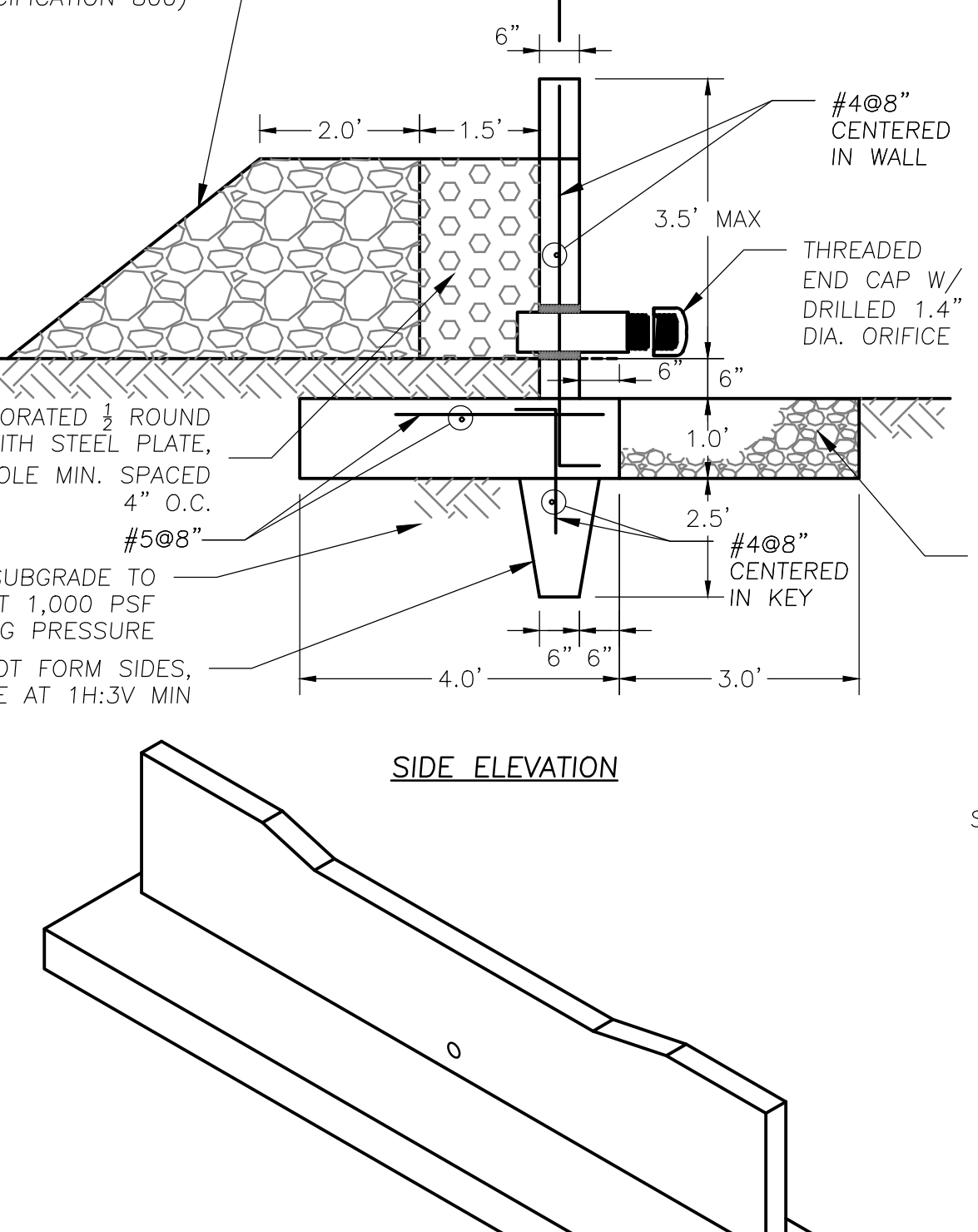
2 SWALE OUTLET CONTROL STRUCTURE B-4
1/2" = 1'-0"



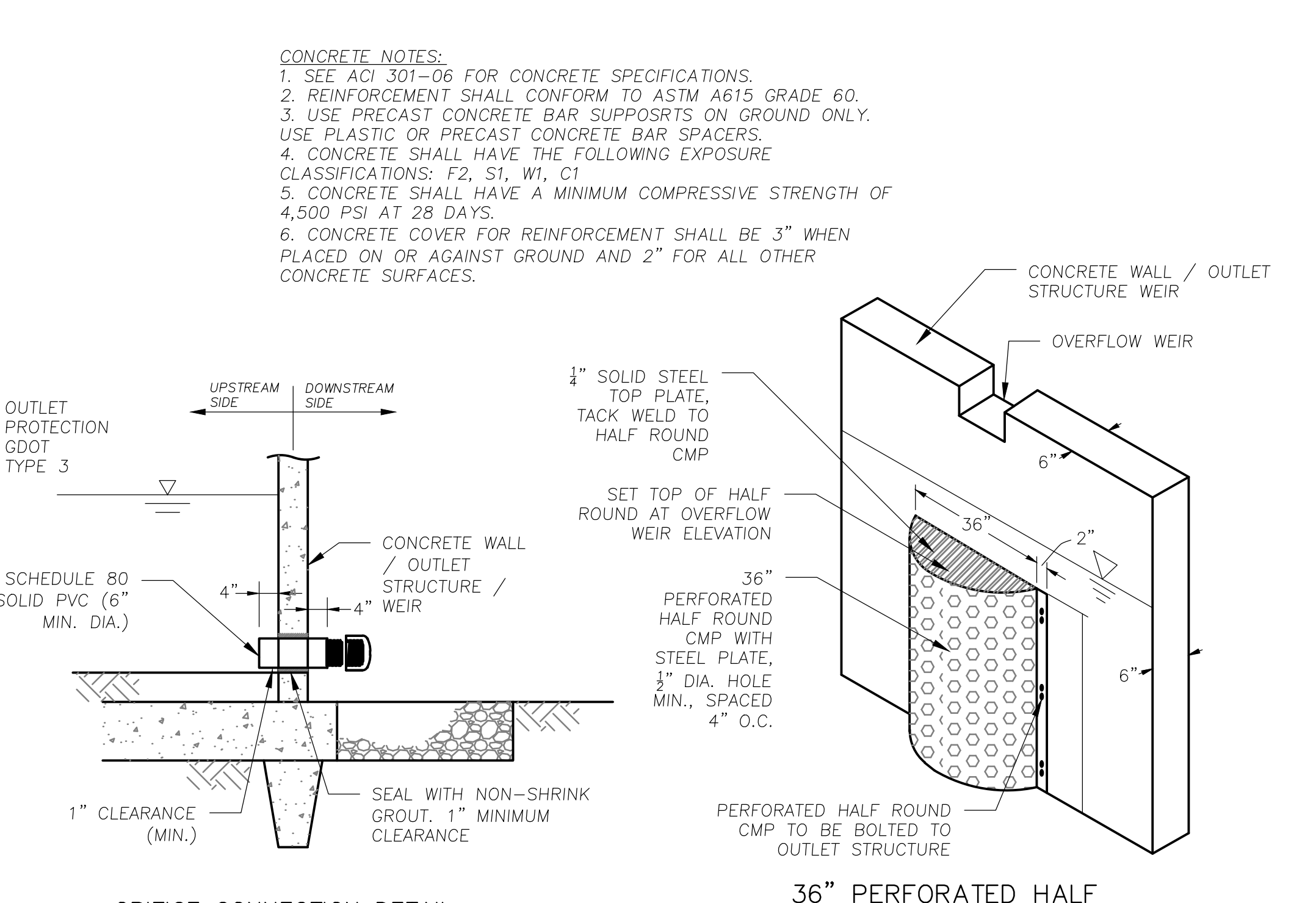
3 SWALE OUTLET CONTROL STRUCTURE A-2B
1/2" = 1'-0"



3 SWALE OUTLET CONTROL STRUCTURE A-2B
1/2" = 1'-0"

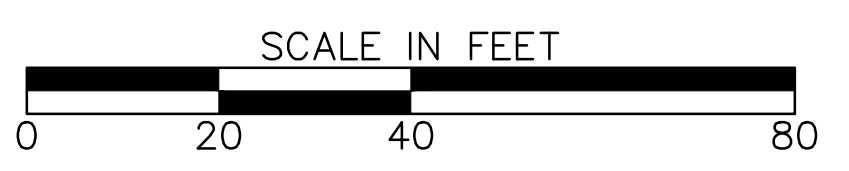


3 SWALE OUTLET CONTROL STRUCTURE A-2B
1/2" = 1'-0"



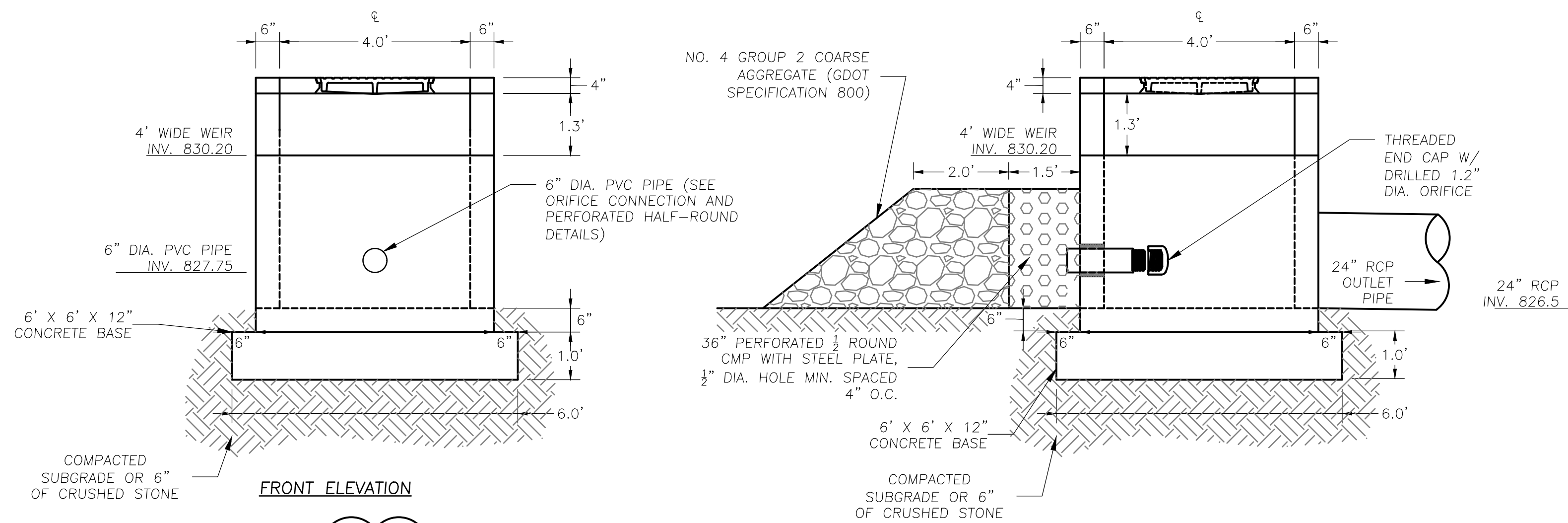
ORIFICE CONNECTION DETAIL
36" PERFORATED HALF ROUND HDPE WITH STEEL PLATE

CONCRETE NOTES:
 1. SEE ACI 301-06 FOR CONCRETE SPECIFICATIONS.
 2. REINFORCEMENT SHALL CONFORM TO ASTM A615 GRADE 60.
 3. USE PRECAST CONCRETE BAR SUPPORTS ON GROUND ONLY. USE PLASTIC OR PRECAST CONCRETE BAR SPACERS.
 4. CONCRETE SHALL HAVE THE FOLLOWING EXPOSURE CLASSIFICATIONS: F2, S1, W1, C1
 5. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 4,500 PSI AT 28 DAYS.
 6. CONCRETE COVER FOR REINFORCEMENT SHALL BE 3" WHEN PLACED ON OR AGAINST GROUND AND 2" FOR ALL OTHER CONCRETE SURFACES.



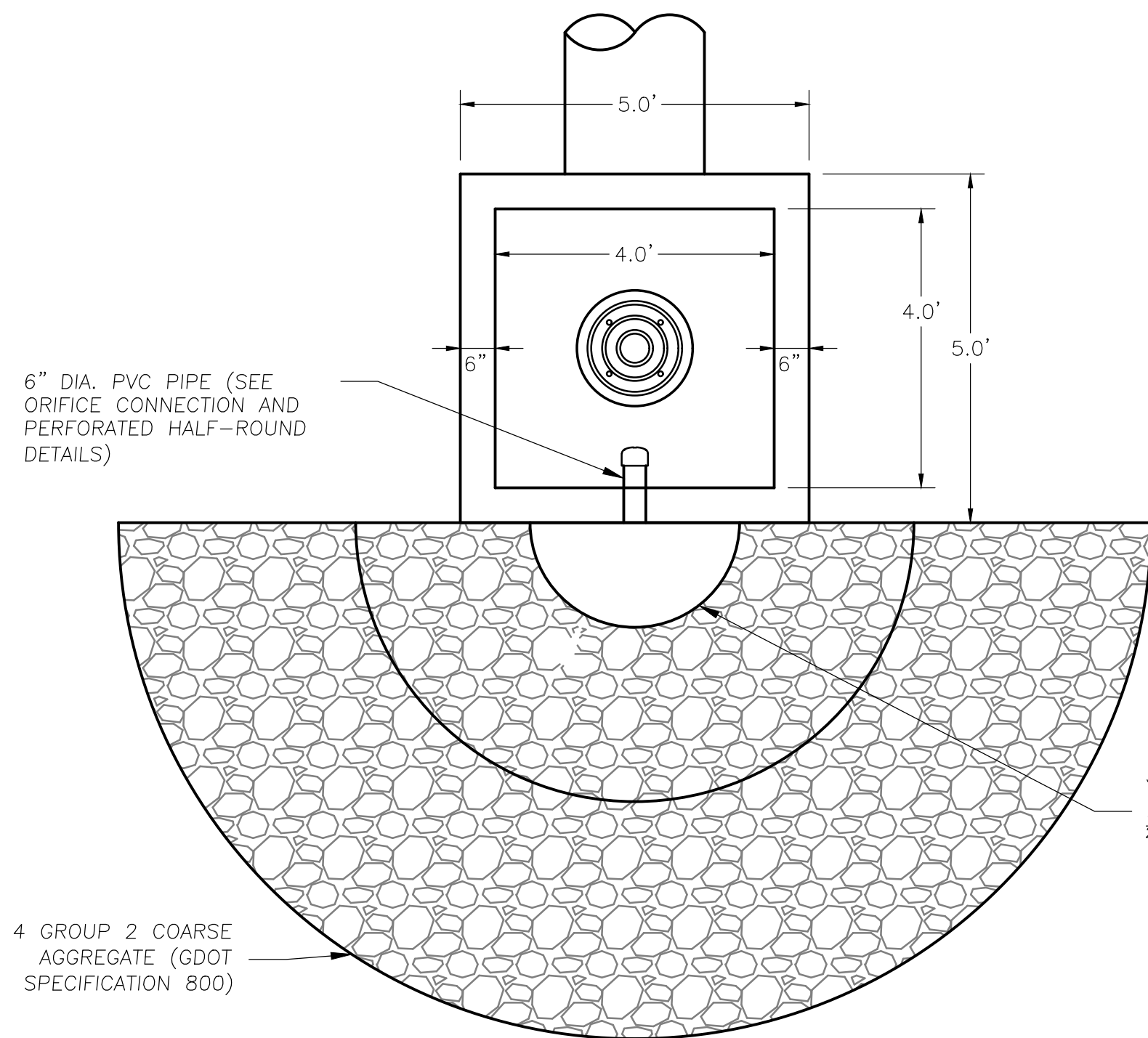
REVISION DATES	
12/17/21	

CONSTRUCTION DETAILS ATLANTA BELTLINE NORTHEAST TRAIL			
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CORRECTED:		DATE:	
VERIFIED:		DATE:	
DRAWING No.			38-100

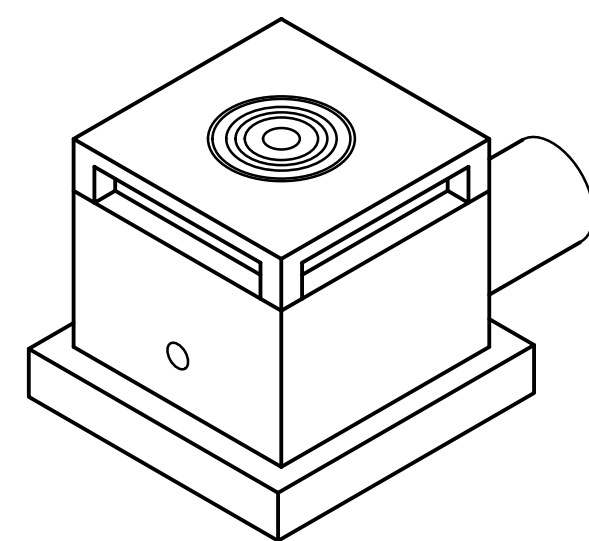


FRONT ELEVATION

SIDE ELEVATION

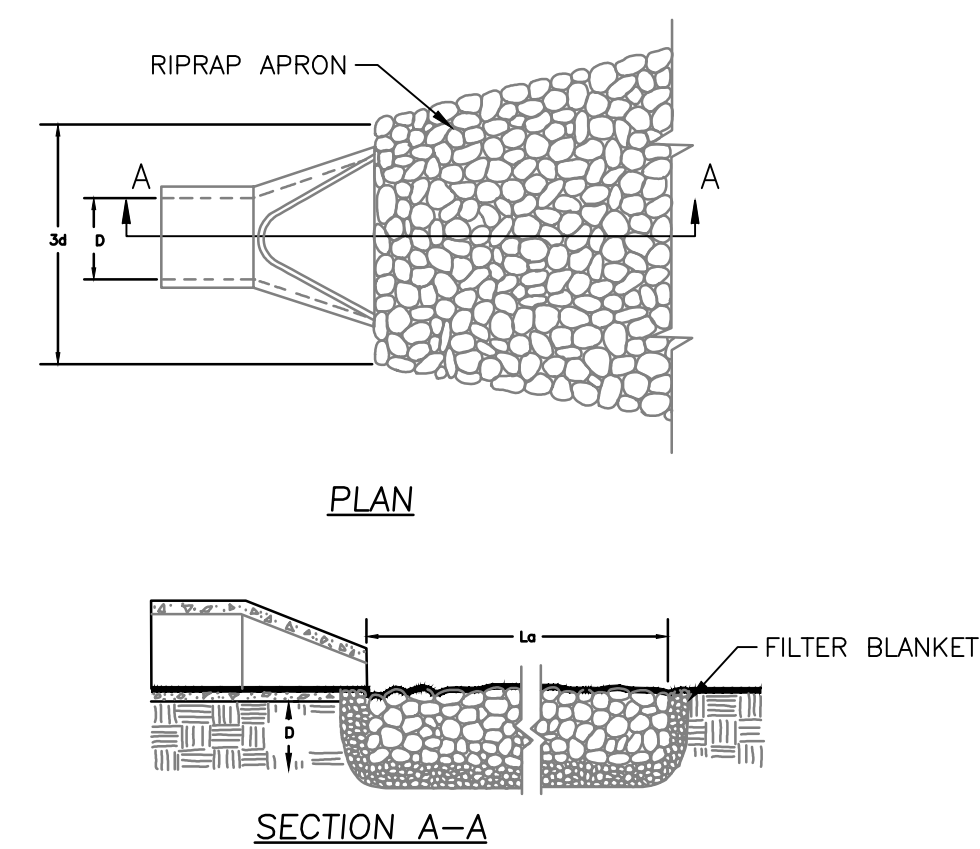


PLAN



ISOMETRIC VIEW

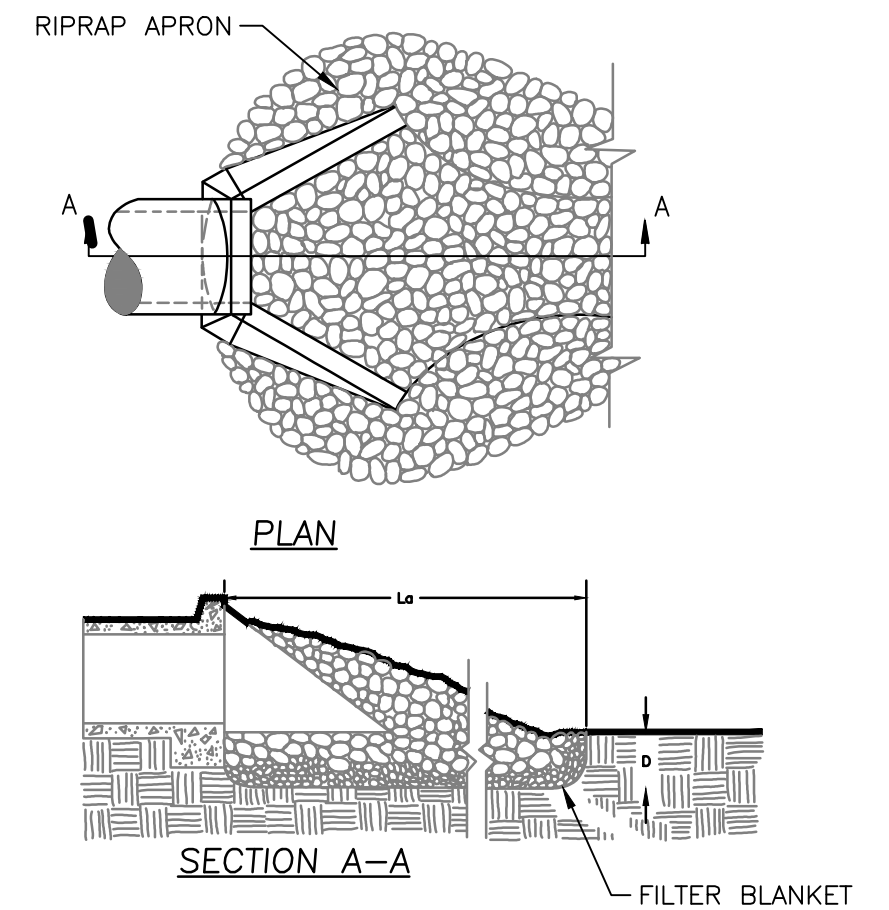
PIPE OUTLET TO FLAT AREA - NO WELL DEFINED CHANNEL



PLAN

SECTION A-A

PIPE OUTLET TO WELL DEFINED CHANNEL



PLAN

SECTION A-A

NOTES:

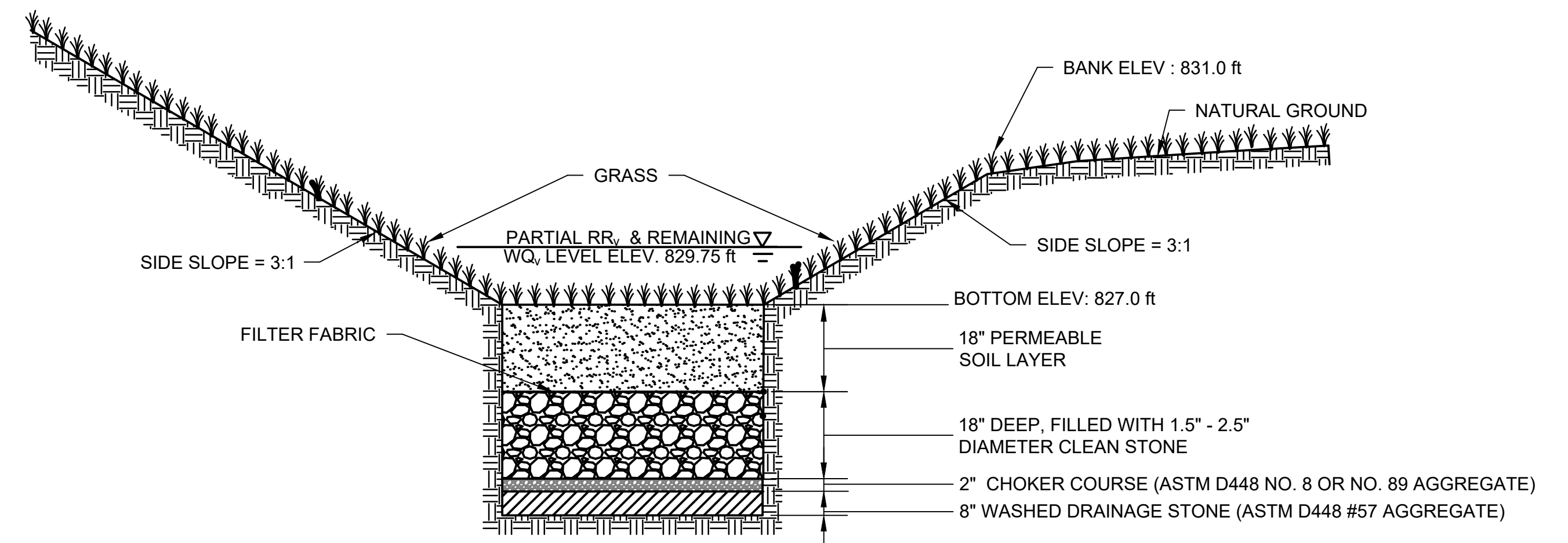
1. L_0 IS THE LENGTH OF THE RIPRAP APRON.
2. $D = 1.5$ TIMES THE MAXIMUM STONE BUT NOT LESS THAN 6" DIAMETER
3. IN A WELL-DEFINED CHANNEL, EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK (WHICHEVER IS LESS).
4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIPRAP AND THE SOIL FOUNDATION.

RIPRAP OUTLET PROTECTION (St)

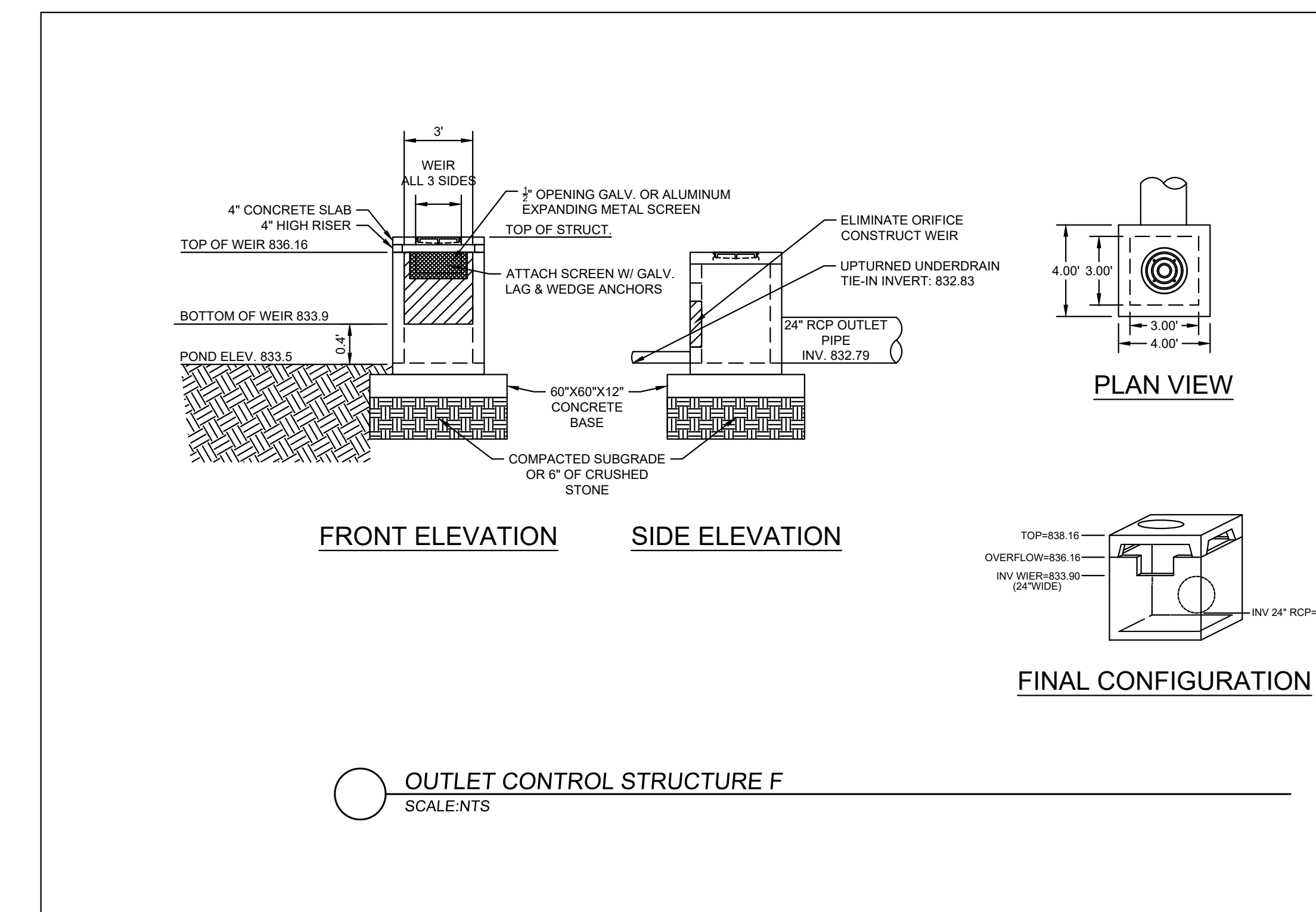
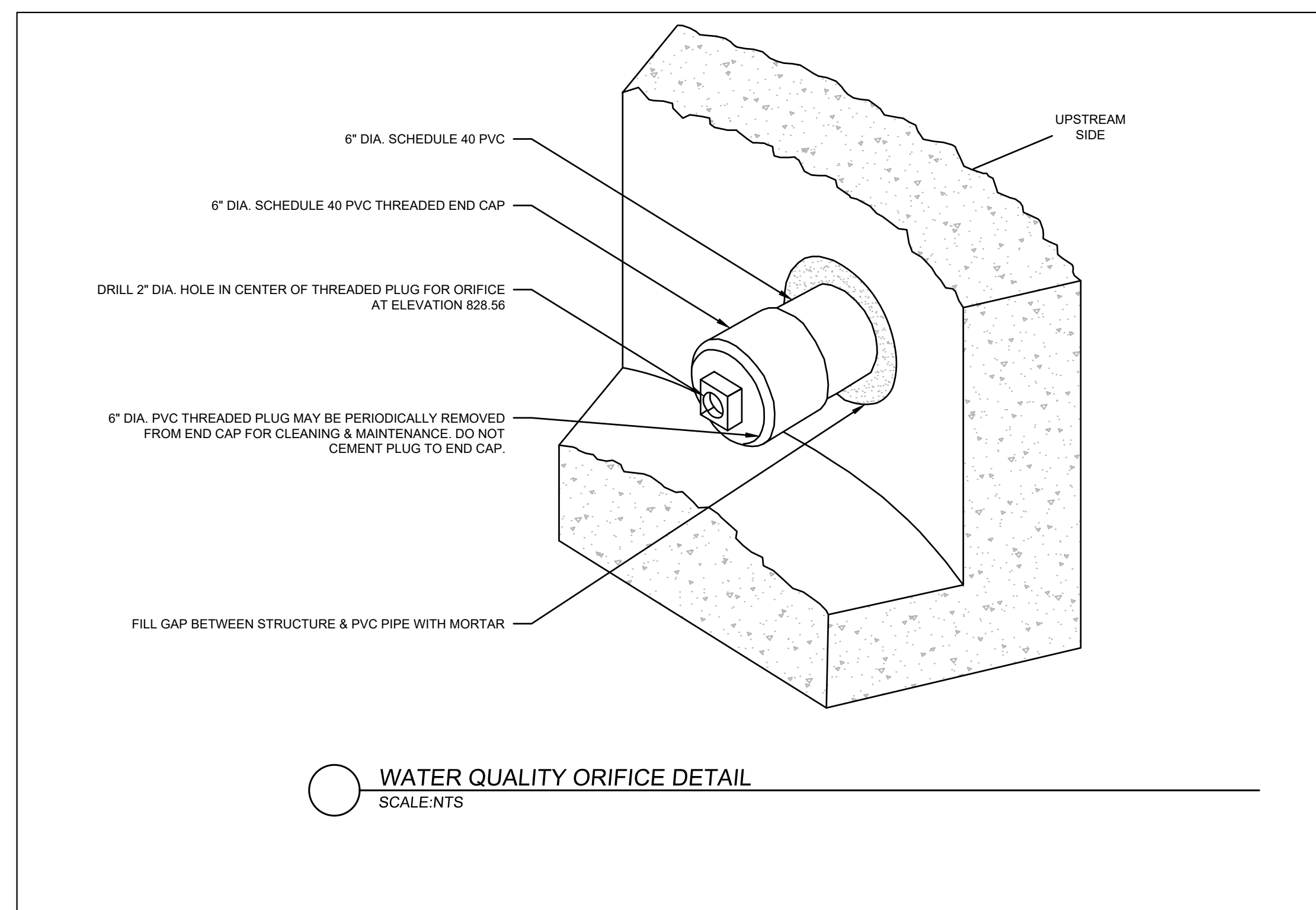
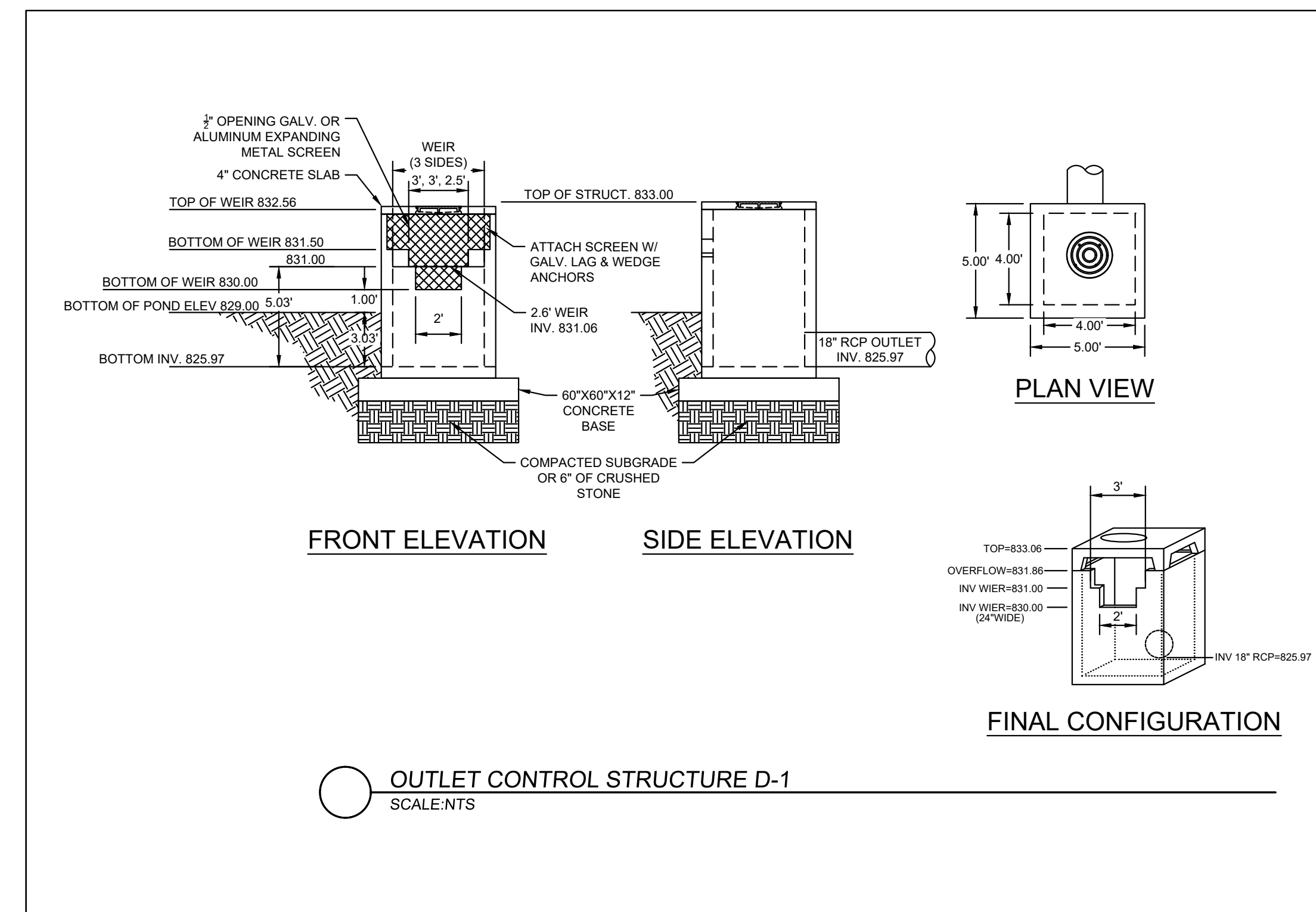
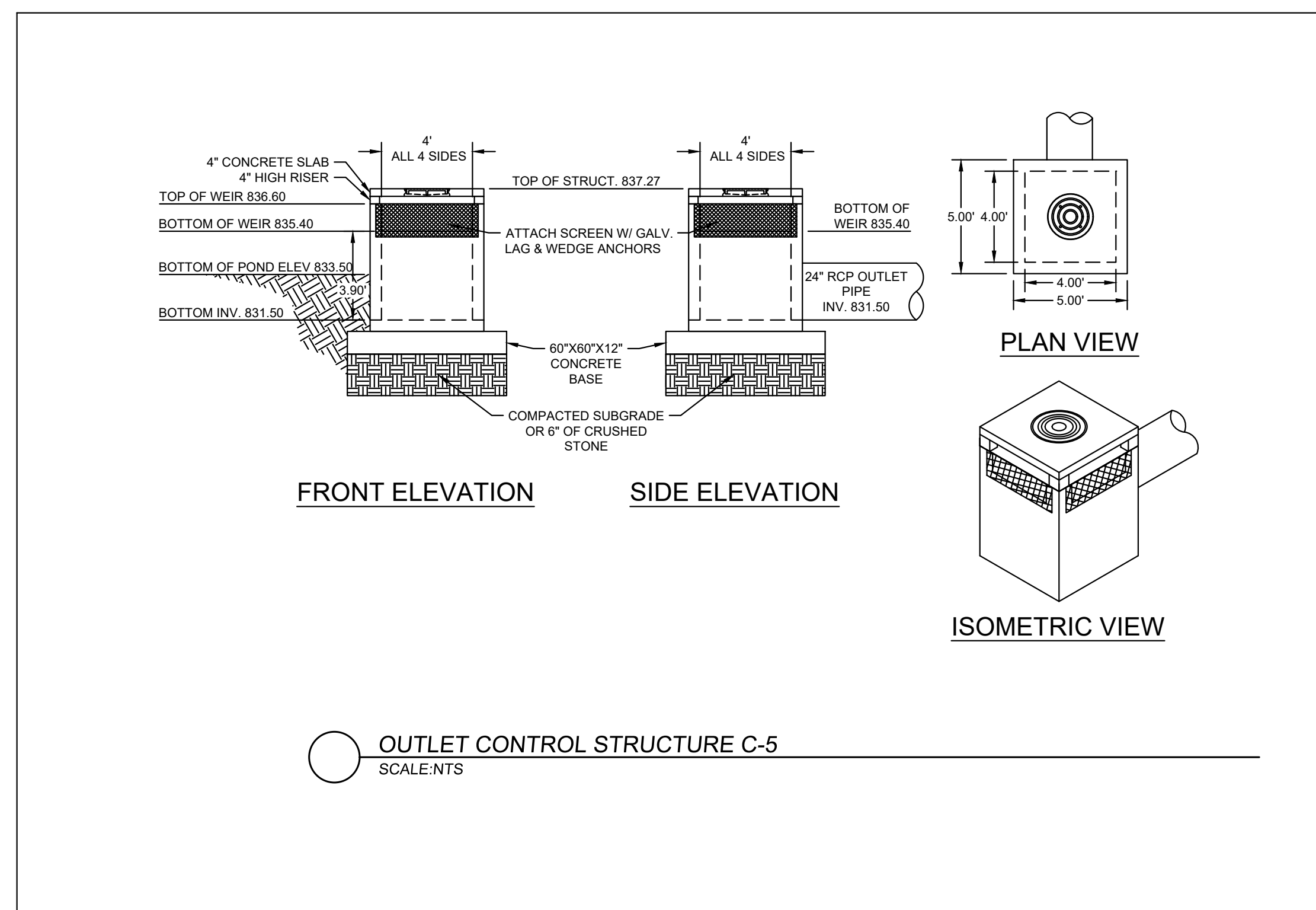
OUTFALL ID	STRUCTURE I.D.	OUTLET DIAMETER D_o (IN)	Q(25) (CFS)	V(25) (FPS)	TAILWATER CONDITION	LENGTH (FT)	UPSTREAM APRON WIDTH (FT)	DOWNSTREAM APRON WIDTH (FT)	AVG. STONE DIAMETER (d_{50})	DEPTH (IN)	RECEIVING CHANNEL SLOPE (FT/FT)
-	A-5	18	1.6	4.3	MIN.	9.0	4.5	10.5	0.3	9	0.01
B-1	-	-	17.3	9.4	MIN.	22.0	9.0	16.0	0.7	12	0.10
B-5	B-6	24	4.9	8.1	MIN.	20.0	6.0	22.0	0.7	12	0.09

4 DETENTION POND OUTLET CONTROL STRUCTURE B-5
1/2" = 1'-0"

5 RIPRAP OUTLET PROTECTION
N.T.S.



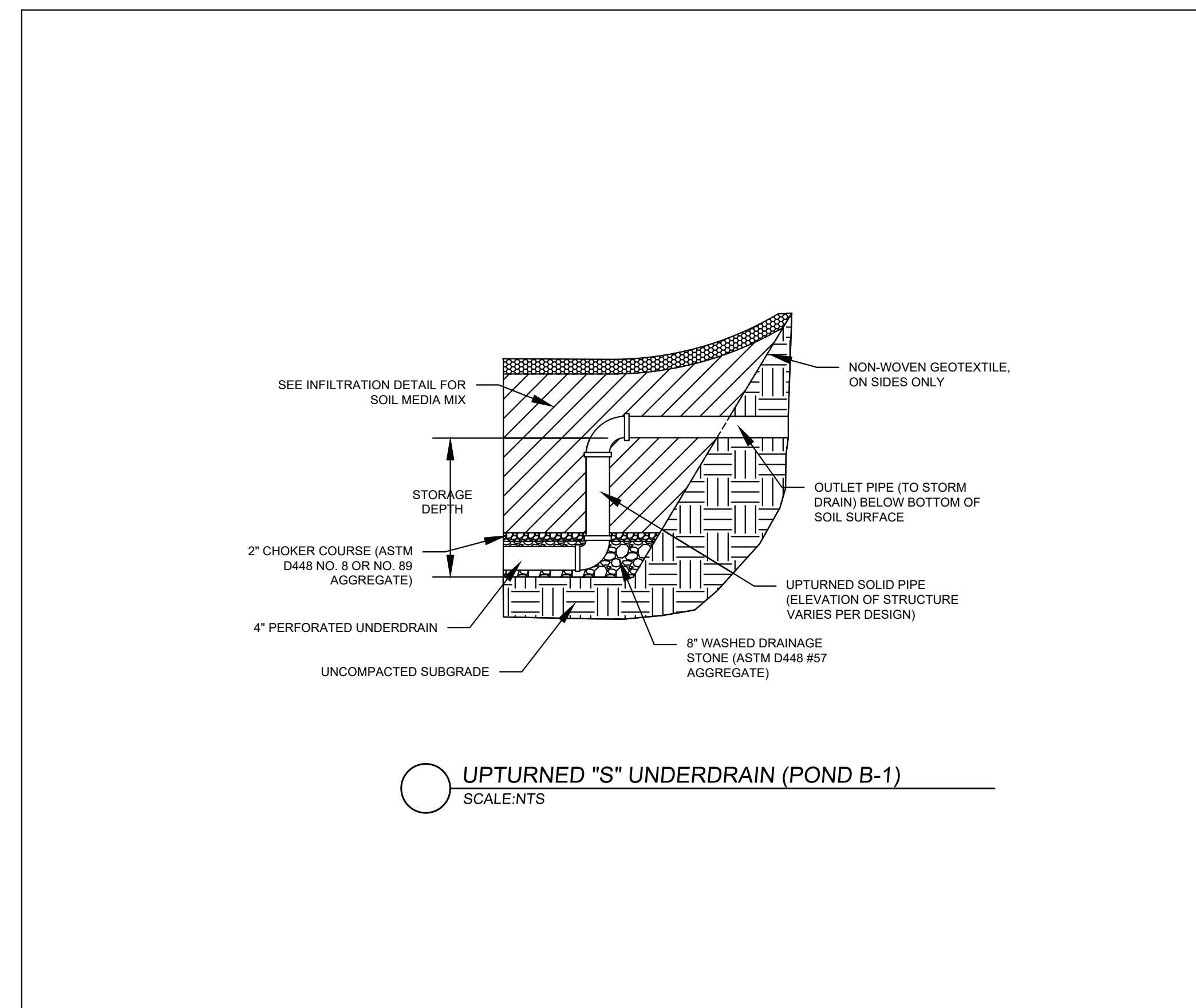
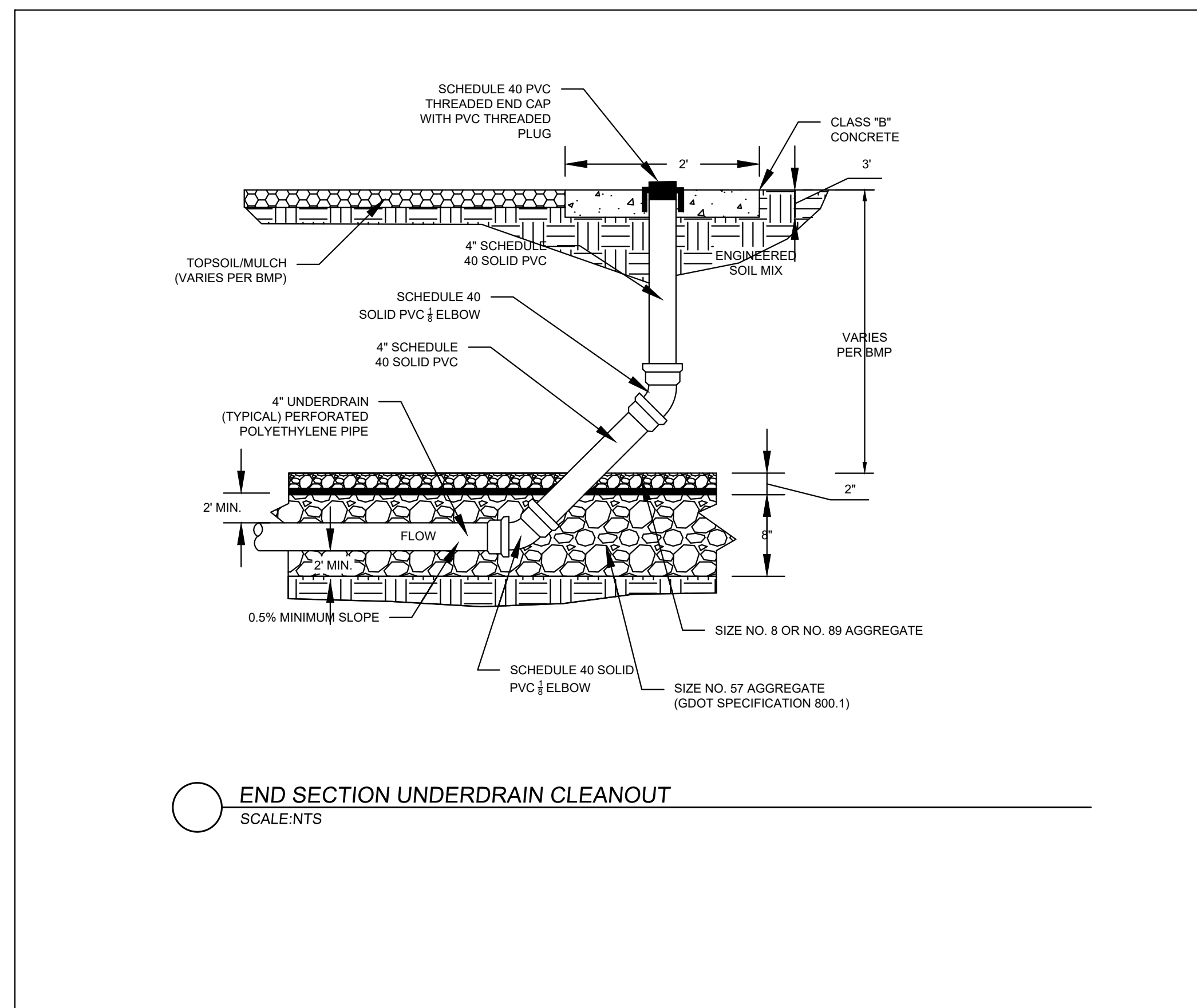
6 DETENTION POND B-1
N.T.S.



REVISION DATES		SPECIAL CONSTRUCTION DETAIL	
NO.	DATE	ATLANTA BELTLINE NORTHEAST TRAIL	
		CHECKED:	DATE:
		BACKCHECKED:	DATE:
		CORRECTED:	DATE:
		VERIFIED:	DATE:
		DRAWING No.	
		38-102	

DESIGN
CHECKED
DATE

DESIGN
CHECKED
DATE

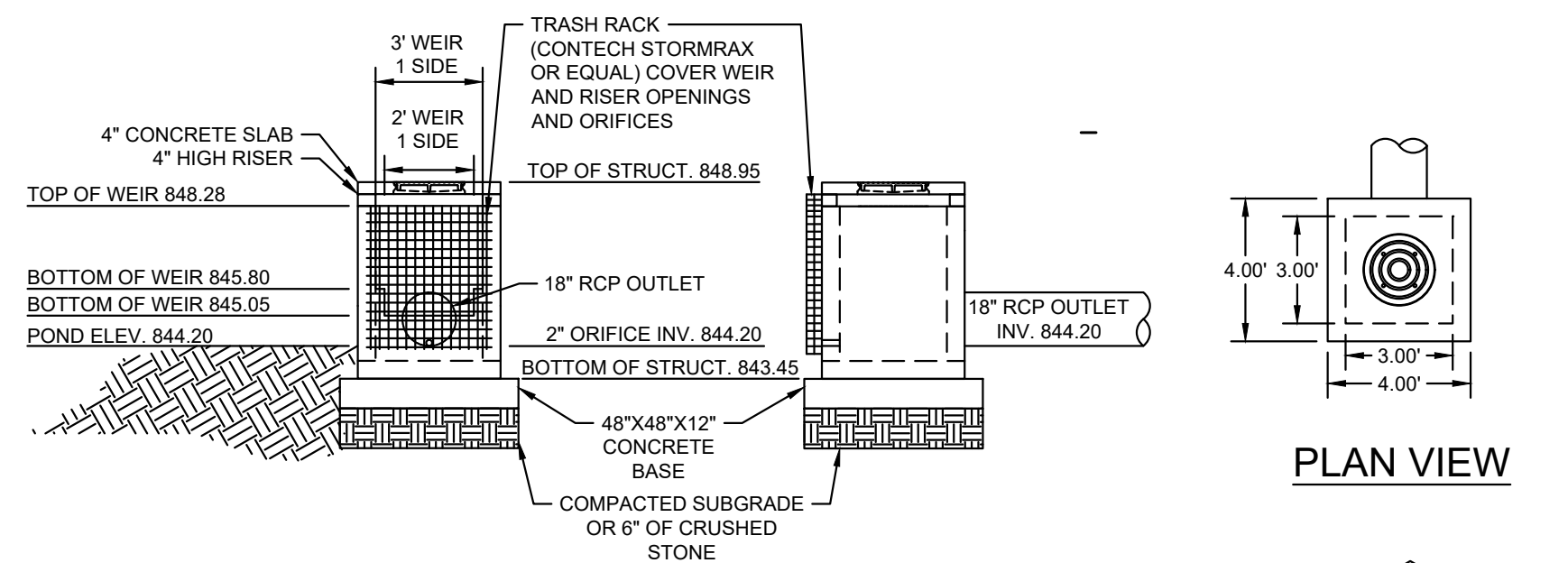


REVISION DATES

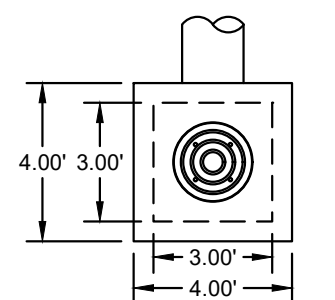
NO.	DATE	DESCRIPTION

SPECIAL CONSTRUCTION DETAIL
ATLANTA BELTLINE NORTHEAST TRAIL

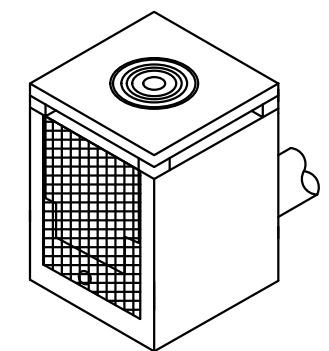
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FRONT ELEVATION SIDE ELEVATION

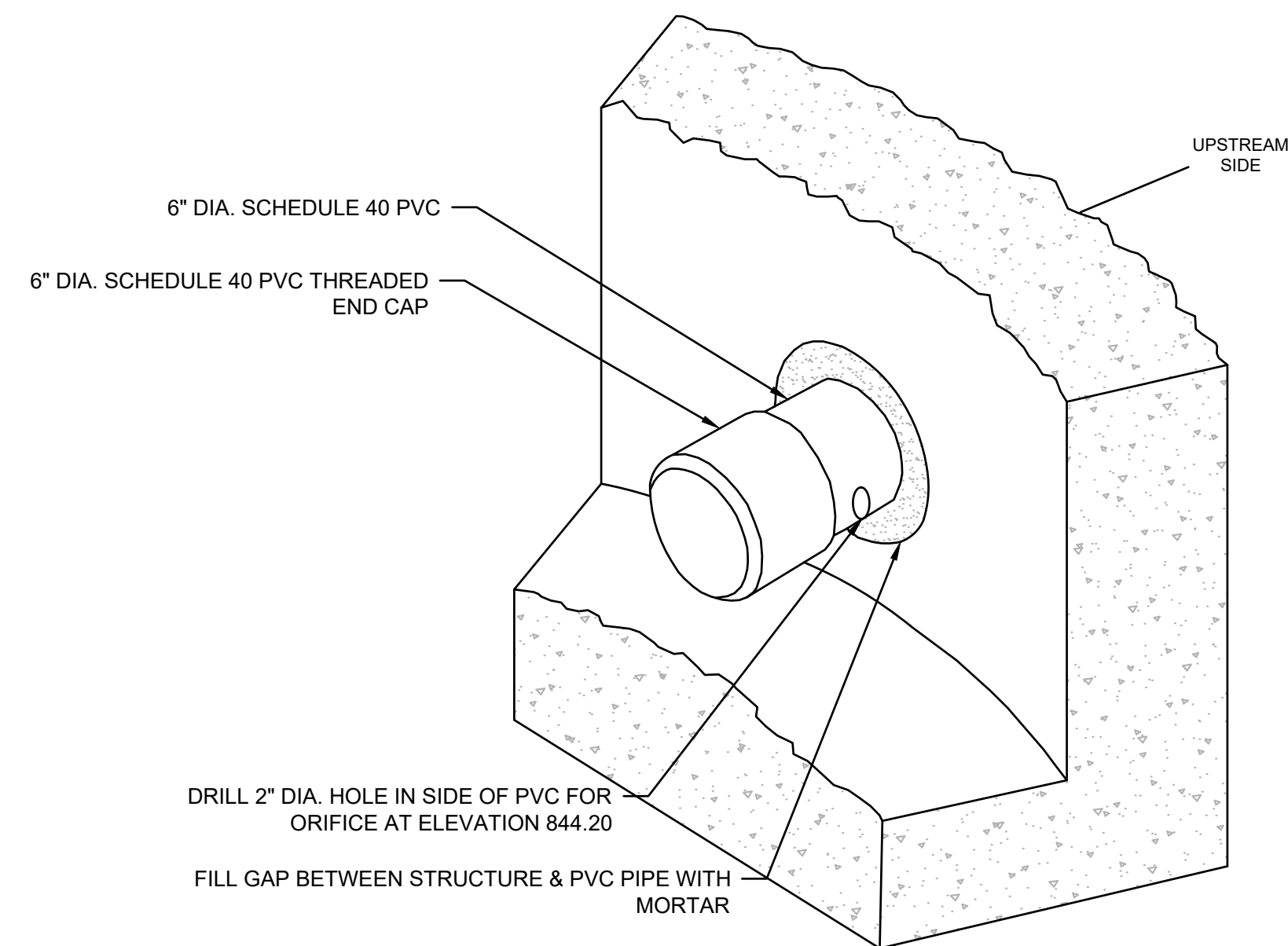


PLAN VIEW



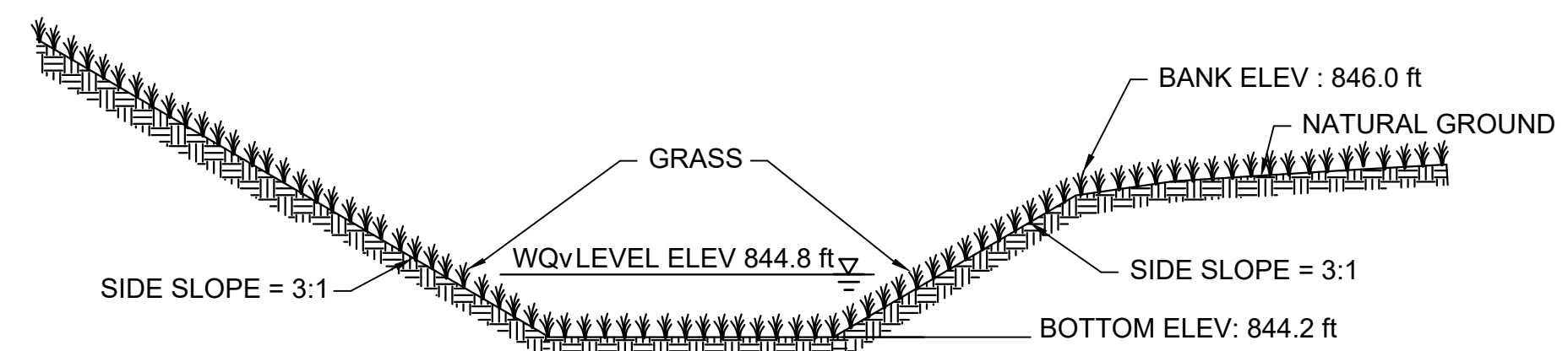
ISOMETRIC VIEW

○ OUTLET CONTROL STRUCTURE - J-7
SCALE: NTS



6" DIA. SCHEDULE 40 PVC
6" DIA. SCHEDULE 40 PVC THREADED END CAP
DRILL 2" DIA. HOLE IN SIDE OF PVC FOR ORIFICE AT ELEVATION 844.20
FILL GAP BETWEEN STRUCTURE & PVC PIPE WITH MORTAR

○ WATER QUALITY ORIFICE DETAIL
SCALE: NTS



○ POND J-1
SCALE: NTS

10/23/2015

10/23/2015

REVISION DATES	
12/17/21	

SPECIAL CONSTRUCTION DETAIL
ATLANTA BELTLINE NORTHEAST TRAIL

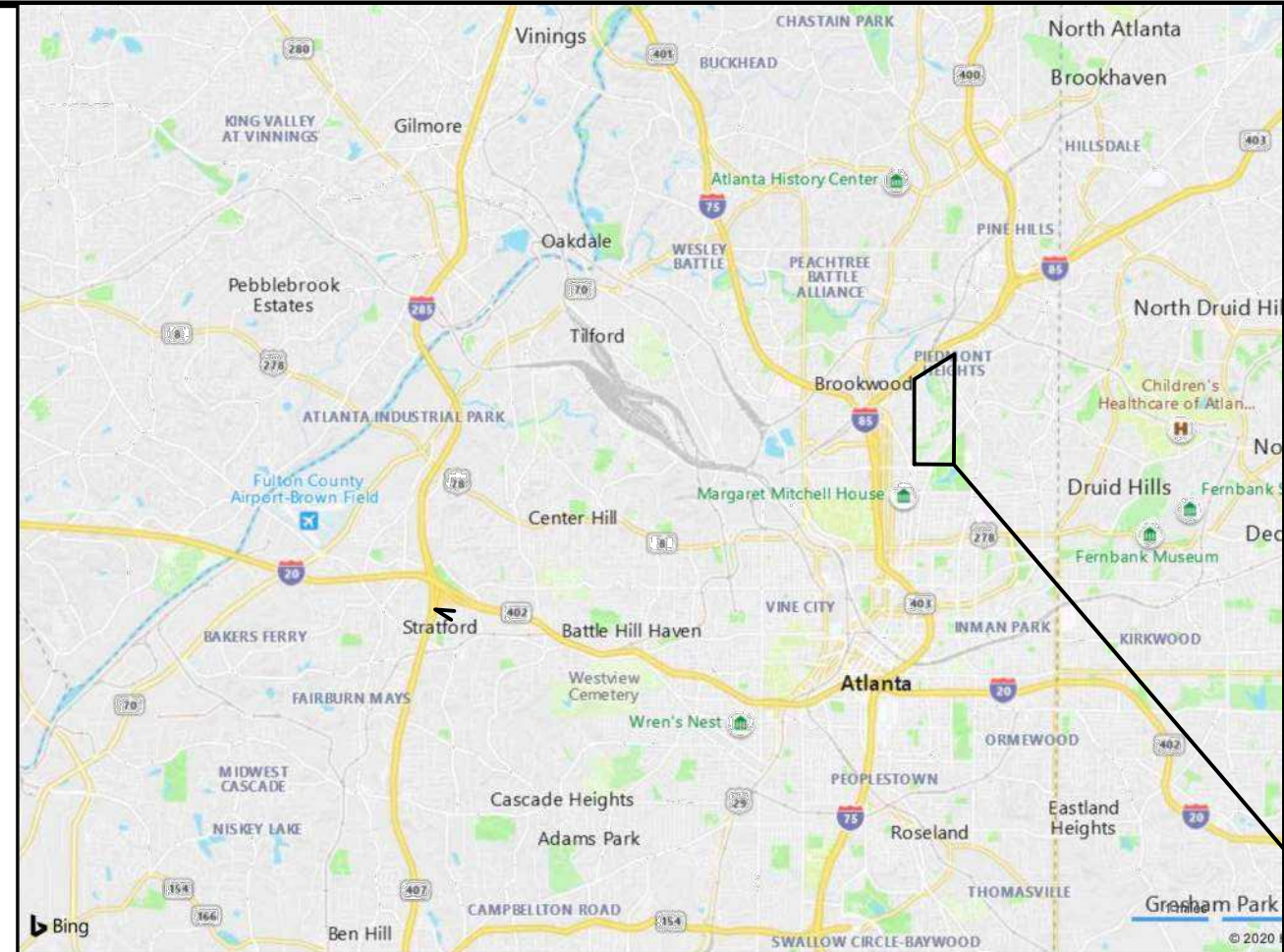
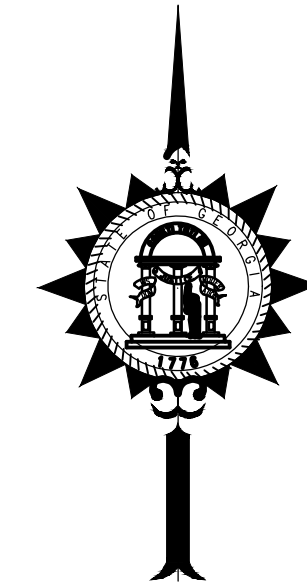
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VERIFIED:	DATE:

ATLANTA BELTLINE

PERMIT SUBMITTAL PLANS

NORTHEAST TRAIL

FULTON COUNTY



PROJECT LOCATION

⑨ LOCATION SKETCH

12/8/2021

FEDERAL ROUTE #N/A

STATE ROUTES #13, 403

P.I. NUMBER #N/A

LOCATION & DESIGN APPROVAL DATE:

THIS PROJECT IS 100% IN FULTON COUNTY AND IS 100% IN CONG. DIST. NO. 5.
 FUNCTIONAL CLASS: MULTI-USE TRAIL
 PROJECT DESIGNATION: EXEMPT
 DESIGNED IN ENGLISH UNITS.

PRIMARY PERMITEE:
 ATLANTA BELTLINE INC.
 86 PRYOR STREET SE #300
 ATLANTA GEORGIA 30303
 (404)477-3003

24 HOUR CONTACT
KEVIN BURKE
(404)-477-3637

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.

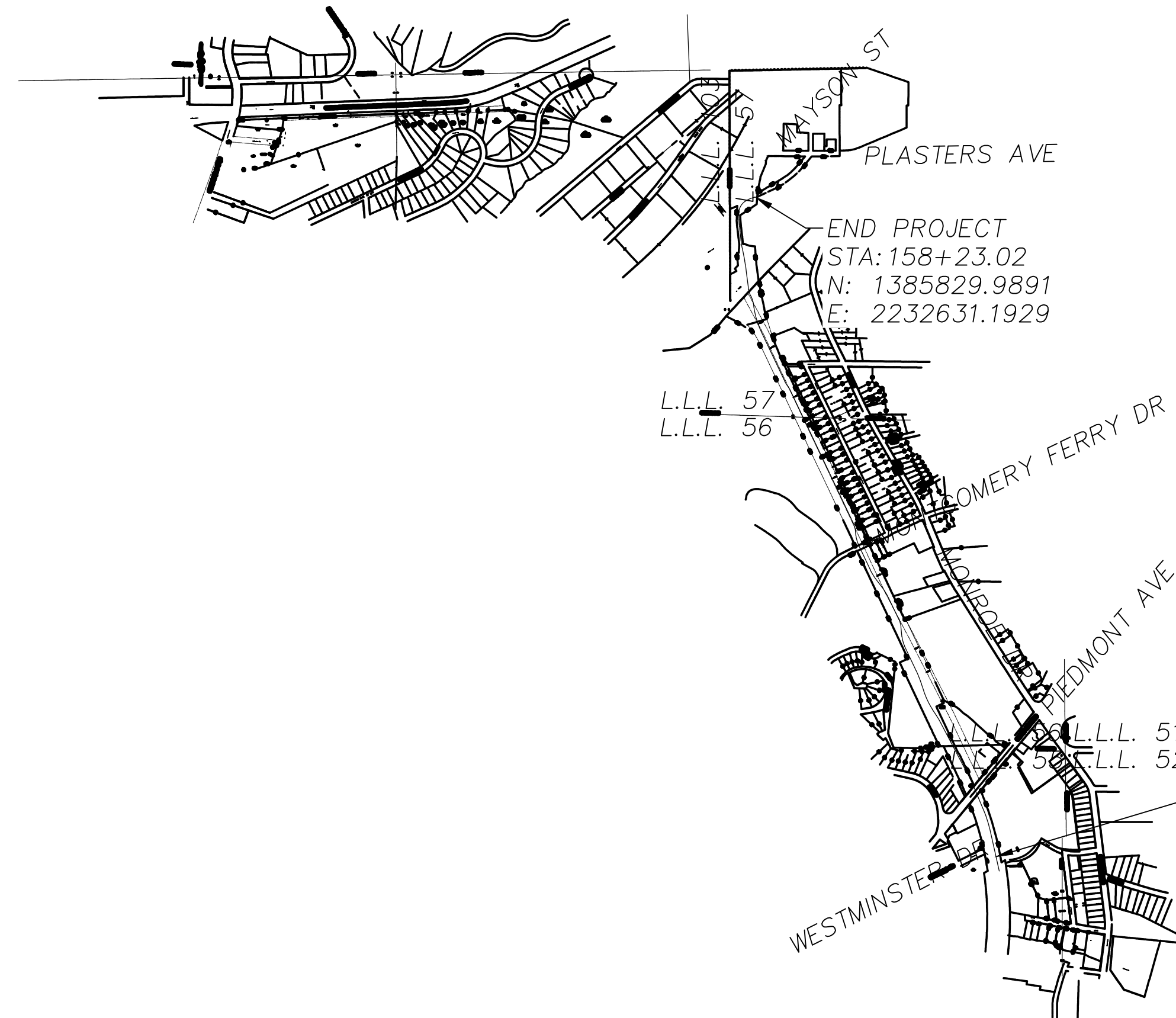
THIS PROJECT TO BE CONSTRUCTED AS PER GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, 2013 EDITION, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION AND AS MODIFIED BY CONTRACT DOCUMENTS.

THIS PROJECT HAS BEEN DESIGNED TO COMPLY WITH TITLE II PROVISIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA).

A NOTICE OF INTENT IS REQUIRED FOR THIS PROJECT; THE DISTURBED AREA IS 4.54 ACRES. THE PROJECT INVOLVES INSTALLATION OF PAVEMENT, DRAINAGE STRUCTURES, SIDEWALKS, CURB RAMPS AND STRIPING CROSSWALKS.

THIS PROJECT CONTAINS POST CONSTRUCTION BMP'S.

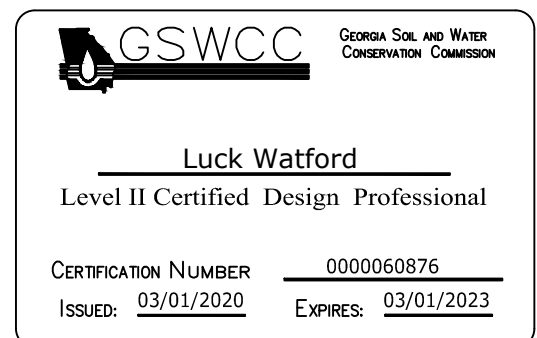
THE DATA, TOGETHER WITH ALL OTHER INFORMATION SHOWN ON THESE PLANS OR IN ANYWAY INDICATED THEREBY, WHETHER BY DRAWINGS OR NOTES, OR IN ANY OTHER MANNER, ARE BASED UPON FIELD INVESTIGATIONS AND ARE BELIEVED TO BE INDICATIVE OF ACTUAL CONDITIONS. HOWEVER, THE SAME ARE SHOWN AS INFORMATION ONLY, ARE NOT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



ATLANTA BELTLINE
 NORTHEAST TRAIL



580 W Crossville Road
 Suite 101
 Roswell, GA 30075
 PHONE: (770) 569-7038
 WWW.R2TINC.COM



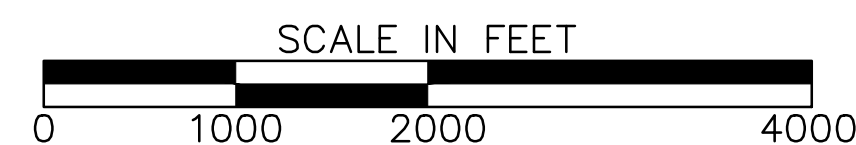
PREPARED BY: R2T, INC.

PLANS COMPLETED : 08/31/20	
REVISIONS	
ABI COMMENTS 12/8/21	

LENGTH OF PROJECT	FULTON CO COUNTY No. 121
	MILES
NET LENGTH OF TRAIL	1.142
NET LENGTH OF BRIDGES	0.056
NET LENGTH OF PROJECT	1.198
NET LENGTH OF EXCEPTIONS	0.000
GROSS LENGTH OF PROJECT	1.198

Kimley»Horn

Engineering, Planning, and Environmental Consultants
 817 W. Peachtree Street, NW
 Atlanta, Georgia 30308



PROJECT NARRATIVE

DISTRICT: 14

LAND LOTS: 55, 56, 57, 103

CITY OF ATLANTA, GEORGIA

TOTAL AREA: 16.6± ACRES

5

DISTURBED AREA: 4.4± ACRES

NEW IMPERVIOUS AREA: 1.25± ACRES

PROJECT LAT/LONG: START: N33.793903 W84.370385 END: N33.810476 W84.375669

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THE PURPOSE OF THIS PROJECT IS TO INSTALL THE ATLANTA BELTLINE TRAIL AND ASSOCIATED FEATURES IN THE PROJECT AREA. THE PROJECT INCLUDES THE INSTALLATION OF 6373 LF OF MULTIUSE URBAN TRAIL. THE PROJECT WILL DISTURB A TOTAL AREA OF APPROXIMATELY 4.4± ACRES. THE PROJECT AREA IS CURRENTLY ABANDON RAILROAD RIGHT-OF-WAY. THE PRE AND POST CONSTRUCTION RUN-OFF CURVE NUMBER IS APPROXIMATELY CN = 85.

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THIS IS A LINEAR PROJECT, THE TOTAL DISTURBANCE AND SUBSEQUENT BMP PRACTICES ARE TO BE DONE IN SECTIONS. FINAL GRADE STABILIZATION IS TO OCCUR AS EACH SECTION OF TRAIL IS INSTALLED AND INSPECTED. THEREFORE THE EROSION CONTROL PLANS PRESENTED HERE ARE SHOWN IN TWO PHASE.

BEFORE EACH NEW SECTION OF TRAIL IS INSTALLED, SILT FENCE AND CONSTRUCTION ACCESS IS TO BE ESTABLISHED, SILT FENCE IS NOT TO BE REMOVED FROM THE CONSTRUCTION SITE UNTIL THE NOTICE OF TERMINATION FILED FOR THIS PROJECT.

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THE ENTIRE PROJECT IS LOCATED WITHIN THE PEACHTREE CREEK DRAINAGE BASIN. CLEAR CREEK, IS THE RECEIVING WATER FOR THIS PROJECT. THE PROJECT SITE IS WITHIN THE 1 MILE IMPAIRED BUFFER OF SOUTH FORK PEACHTREE CREEK.

GENERAL NOTES

- 1) ALL WORK SHALL COMPLY WITH APPLICABLE STATE, FEDERAL, AND LOCAL CODES AND ALL NECESSARY LICENSES AND PERMITS SHALL BY THE CONTRACTOR AT HIS EXPENSE UNLESS PREVIOUSLY OBTAINED BY THE OWNER.
- 2) DEVIATIONS FROM THESE PLANS AND SPECIFICATIONS WITHOUT THE PRIOR CONSENT OF THE ENGINEER MAY BE CAUSE FOR THE WORK TO BE UNACCEPTABLE TO THE ENGINEER.
- 3) THE CONTRACTOR WARRANTS THAT HIS EMPLOYEES, AGENTS, AND SUBCONTRACTORS POSSESS THE EXPERIENCE, KNOWLEDGE AND CHARACTER NECESSARY TO QUALIFY THE INDIVIDUAL FOR THE PARTICULAR CONSTRUCTION TECHNIQUES THEY PERFORM IN CONNECTION WITH THE TASKS TO BE PERFORMED UNDER THIS CONTRACT. THE CONTRACTOR SHALL INSURE THAT ALL CONSTRUCTION IS PERFORMED IN STRICT COMPLIANCE WITH ALL OSHA, STATE AND LOCAL HEALTH AND SAFETY CODES.
- 4) THE CONTRACTOR OR OTHER RESPONSIBLE PARTY IS TO TAKE IMMEDIATE ACTION UPON DISCOVERY OF DEFICIENCIES, WHETHER INCLUDED IN AN INSPECTION REPORT OR NOT. CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND BETWEEN SURVEY DATA AND ACTUAL FIELD CONDITIONS.
- 5) CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES BEFORE CONSTRUCTION STARTS. EXISTING UTILITIES ARE SHOWN USING THE BEST AVAILABLE INFORMATION. THE CONTRACTOR IS EXPECTED TO COORDINATE ALL WORK WITH THE OWNER AND UTILITY COMPANIES TO MINIMIZE DISRUPTION AND DAMAGE TO THE PROPERTY.
- 6) CONSTRUCTION STAGING AREAS, SITE ACCESS AND LIMITS OF CONSTRUCTION SHALL BE COORDINATED WITH ANY SECONDARY OR TERTIARY PERMITTEES.

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36

BEST MANAGEMENT PRACTICES

- 1) STRIPPING OF VEGETATION, REGRADING, AND OTHER DEVELOPMENT ACTIVITIES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO MINIMIZE EROSION.
- 2) CUT AND FILL OPERATIONS SHALL BE KEPT TO A MINIMUM.
- 3) DEVELOPMENT PLANS MUST CONFORM TO TOPOGRAPHY AND SOIL TYPE, SO AS TO CREATE THE LOWEST PRACTICABLE EROSION POTENTIAL.
- 4) WHENEVER FEASIBLE, NATURAL VEGETATION SHALL BE RETAINED, PROTECTED, AND SUPPLEMENTED.
- 5) DISTURBED SOIL SHALL BE STABILIZED AS QUICKLY AS PRACTICABLE.
- 6) TEMPORARY VEGETATION OR MULCHING SHALL BE EMPLOYED TO PROTECT EXPOSED CRITICAL AREAS DURING DEVELOPMENT.
- 7) PERMANENT VEGETATION AND STRUCTURAL EROSION CONTROL MEASURES SHALL BE INSTALLED AS SOON AS PRACTICABLE.

- 8) TO THE EXTENT NECESSARY, SEDIMENT IN RUNOFF WATER SHALL BE TRAPPED BY THE USE OF DEBRIS BASINS, SILT TRAPS, OR SIMILAR MEASURES UNTIL THE DISTURBED AREA IS STABILIZED.
- 9) ADEQUATE PROVISIONS SHALL BE PROVIDED TO MINIMIZE DAMAGE FROM SURFACE WATER TO THE CUT FACE OF EXCAVATIONS OR THE SLOPING SURFACES OF FILLS; ALL FILL SLOPES SHALL HAVE SILT FENCING AT THE TOE.
- 10) GRADING EQUIPMENT SHALL CROSS FLOWING STREAMS BY THE MEANS OF BRIDGES OR CULVERTS, EXCEPT WHEN SUCH METHODS ARE NOT FEASIBLE, PROVIDED IN ANY CASE THAT SUCH CROSSINGS SHALL BE KEPT TO A MINIMUM.
- 11) FILLS SHALL NOT ENCROACH UPON NATURAL WATER COURSES OR CONSTRUCTED CHANNELS IN A MANNER SO AS TO ADVERSELY AFFECT OTHER PROPERTY OWNERS.
- 12) PROVISIONS SHALL BE PROVIDED FOR TREATMENT OR CONTROL OF ANY SOURCE OF SEDIMENTS AND ADEQUATE SEDIMENTATION CONTROL FACILITIES TO RETAIN SEDIMENTS ON SITE OR PRECLUDE SEDIMENTATION OF ADJACENT WATERS BEYOND THE LEVELS SPECIFIED IN THIS PERMIT.
- 13) OFF-SITE VEHICLE TRACKING OF DIRT, SOILS, AND SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED OR ELIMINATED TO THE MAXIMUM EXTENT PRACTICAL. THE PLAN SHALL INCLUDE THE BEST MANAGEMENT PRACTICE TO BE IMPLEMENTED AT THE SITE OR COMMON DEVELOPMENT.
- 14) VELOCITY DISSIPATION DEVICES SHALL BE PLACED AT DISCHARGE LOCATIONS AND ALONG THE LENGTH OF ANY OUTFALL CHANNEL FOR THE PURPOSE OF PROVIDING A NON-EROSIVE VELOCITY FLOW FROM THE STRUCTURE TO A WATER COURSE SO THAT THE NATURAL PHYSICAL AND BIOLOGICAL CHARACTERISTICS AND FUNCTIONS ARE MAINTAINED AND PROTECTED (E.G., NO SIGNIFICANT CHANGES IN THE HYDROLOGICAL REGIME OF THE RECEIVING WATERS.)
- 15) DETENTION FACILITIES AND EROSION AND SEDIMENT CONTROL DEVICES MUST BE INSTALLED PRIOR TO START OF OTHER CONSTRUCTION AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED. THE DEVICES SHALL BE MOVED AND ADJUSTED AS NEEDED TO KEEP A FUNCTIONING SYSTEM THROUGHOUT CONSTRUCTION. EROSION CONTROL MEASURES INCLUDE (BUT ARE NOT LIMITED TO): CONSTRUCTION EXITS, SILT FENCE, STORM INLET/OUTLET PROTECTION, MULCH BERMS, AND TEMPORARY GRASSING.
- 16) NO WASTE MATERIALS INCLUDING BUT NOT LIMITED TO WASTE BUILDING MATERIALS, CONSTRUCTION AND DEMOLITION DEBRIS, CONCRETE WASHOUT OR EXCAVATED SEDIMENT, SHALL BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
- 17) ALL PERMITTEES SHALL ENSURE AND DEMONSTRATE THAT THEIR PLAN IS IN COMPLIANCE WITH APPLICABLE STATE AND/OR LOCAL WASTE DISPOSAL.
- 18) BMPS FOR CONCRETE WASHDOWN OF TOOLS, CONCRETE MIXER CHUTES, HOPPERS AND THE REAR OF VEHICLES. WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED. (24)

- 11) PRIOR TO FINAL SIGNOFF, APPLICANT IS REQUIRED TO SUBMIT AN ELECTRONIC FORMAT (AS DETERMINED BY THE DEPARTMENT OF WATERSHED MANAGEMENT) AND A PAPER FORMAT OF THE ACTUAL "AS BUILT" PLANS FOR ANY STORMWATER MANAGEMENT FACILITIES OR PRACTICES AFTER FINAL CONSTRUCTION IS COMPLETED. THE PLAN MUST SHOW THE AS BUILT CONFIGURATION FOR ALL STORMWATER MANAGEMENT FACILITIES AND PRACTICES AND MUST BE CERTIFIED BY A PROFESSIONAL ENGINEER.

EROSION CONTROL NOTES

- 1) UNLESS OTHERWISE INDICATED, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL CONFORM WITH THE GUIDELINES OF THE "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA".
- 2) THE DISTURBED AREA IS WITHIN THE 100 YEAR FLOOD HAZARD ZONE (REFERENCE FEMA FLOOD INSURANCE RATE MAP (FIRM) 13121C0242F, DATED SEPTEMBER 18, 2013 & 13121C0261G, DATED SEPTEMBER 18, 2013)
- 3) EROSION CONTROL AND TREE PROTECTION MEASURES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
- 4) EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES TO BE INSPECTED DAILY TO ENSURE PROPER FUNCTIONING. ANY NECESSARY REPAIRS TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES AND CLEANUP OF SEDIMENTATION ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE MADE IMMEDIATELY.
- 5) INSPECTIONS BY QUALIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE AND THE ASSOCIATED RECORDS SHALL BE KEPT ON SITE IN COMPLIANCE WITH GAR100002.
- 6) WITHIN (7) SEVEN DAYS OF FINISHING INSTALLATION OF INITIAL EROSION CONTROL MEASURES, THE SITE CONTRACTOR SHALL SCHEDULE AN INSPECTION BY THE PROJECT DESIGN PROFESSIONAL. NO OTHER CONSTRUCTION ACTIVITIES SHALL OCCUR UNTIL THE PROJECT DESIGN PROFESSIONAL APPROVES THE INSTALLATION OF SAID EROSION CONTROL MEASURES. FAILURE OF OBTAINING THIS INSPECTION IS A DIRECT VIOLATION OF THE NPDES PERMIT.
- 7) WEEKLY EROSION AND CONTROL REPORTS SHALL BE SUBMITTED TO THE DEVELOPMENT DEPARTMENT STARTING WITH THE ISSUANCE OF THE DEVELOPMENT PERMIT AND ENDING WHEN THE PROJECT IS RELEASED BY THE INSPECTOR.
- 8) DISTURBED AREA STABILIZATION SHALL BE ACHIEVED UTILIZING SEED MIX AND APPLICATION RATE AS DIRECTED BY OWNER.
- 9) SILT FENCE MUST MEET THE REQUIREMENTS OF SECTION 171 - SILT FENCE OF THE GEORGIA D.O.T. STANDARD SPECIFICATIONS, LATEST EDITION.
- 10) THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION AND MAINTENANCE OF ANY ADDITIONAL CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION IF DEEMED NECESSARY BY ON-SITE INSPECTOR.
- 11) THE CONSTRUCTION OF THE SITE WILL INITIATE WITH INSTALLATION OF EROSION CONTROL MEASURES SUFFICIENT TO CONTROL SEDIMENT DEPOSITS AND EROSION. ALL SEDIMENT CONTROL WILL BE MAINTAINED UNTIL ALL UPSTREAM GROUND WITHIN THE CONSTRUCTION AREA HAS BEEN COMPLETELY STABILIZED WITH PERMANENT VEGETATION.
- 12) PERMANENT VEGETATION AND STREAMBANK STABILIZATION SHALL WORK IN CONJUNCTION WITH THE STREAM BUFFERS TO PERMANENTLY STABILIZE THE CONSTRUCTION SITE AND LIMIT POLLUTANTS ENTERING ADJACENT STATE WATERS AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED.
- 13) ALL STRUCTURAL MEASURES MUST BE CLEANED OUT OR RECONSTRUCTED WHEN SEDIMENT VOLUMES EXCEED 1/3 THE STORAGE CAPACITY OF THE MEASURE. SEDIMENT CLEANED OUT SHOULD BE SPREAD IN UPLAND AREAS, MIXED WITH TOPSOIL, AND MULCHED OR SEEDED IMMEDIATELY. DO NOT SPOIL IN AREAS WHERE STRUCTURAL FILLS ARE REQUIRED (SUCH AS PAVEMENT, BUILDING FOOTPRINTS, ETC.)
- 14) FAILURE TO INSTALL, OPERATE OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB SITE UNTIL SUCH MEASURES ARE CORRECTED.
- 15) ANY IMPERVIOUS WATER RUNOFF FROM LOTS BY-PASSING WATER QUALITY POND MUST BE TREATED ON A LOT BY LOT BASIS.
- 16) A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE WHENEVER LAND DISTURBANCE ACTIVITY IS IN PROGRESS.
- 17) ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CHECKED DAILY AND ANY DEFICIENCIES NOTED WILL BE CORRECTED BY THE END OF EACH DAY. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION BY THE ISSUING AUTHORITY.
- 18) WHEN ANY CONSTRUCTION BORDERS A DRAINAGE COURSE:
 - A) THE CONTRACTOR IS RESPONSIBLE FOR REMOVING ANY OTHER EXCAVATION SPOIL DIRT, CONSTRUCTION TRASH OR DEBRIS, ETC. FROM THE DRAINAGE AREAS SHOWN HEREON IN AN EXPEDITIOUS MANNER AS CONSTRUCTION PROGRESSES.
 - B) THE CONTRACTOR HEREBY AGREES TO STOP ALL WORK AND RESTORE THESE AREAS IMMEDIATELY UPON NOTIFICATION BY THE INSPECTOR AND/OR THE PROFESSIONAL ENGINEER.
- 19) APPLICABLE EROSION, SEDIMENT AND POLLUTION CONTROL PLAN CHECKLIST ESTABLISHED BY THE COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND DISTURBING ACTIVITY WAS PERMITTED.
- 20) USE OF ALTERNATIVE BMPS WHOSE PERFORMANCE HAS BEEN DOCUMENTED TO BE EQUIVALENT TO OR SUPERIOR TO CONVENTIONAL BMPS AS CERTIFIED BY DESIGN PROFESSIONAL (UNLESS DISAPPROVED BY EDP OR THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION). PLEASE REFER TO THE ALTERNATIVE BMP GUIDANCE FOUND AT WWW.GASWCC.GEORGIA.GOV.
- 21) USE OF ALTERNATIVE BMP FOR APPLICATION TO THE EQUIVALENT BMP LIST. PLEASE REFER TO APPENDIX A-2 OF THE MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA 2016 EDITION.

CITY OF ATLANTA NOTES

- 1) 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.
- 2) EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
- 3) ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
- 4) PRIOR TO LAND-DISTURBING ACTIVITIES, THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE AREA EROSION CONTROL INSPECTOR. CALL (404) 546-1300 TO CONTACT THE INSPECTOR.
- 5) ANY DISTURBED AREA LEFT IDLE FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH TEMPORARY SEEDING; DISTURBED AREAS IDLE 30 DAYS SHALL BE STABILIZED WITH PERMANENT VEGETATION.
- 6) EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AT LEAST WEEKLY, AFTER EACH RAIN, AND REPAIRED AS NECESSARY.
- 7) ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED IF DETERMINED NECESSARY BY ON-SITE INSPECTION.
- 8) SILT FENCE SHALL MEET THE REQUIREMENTS OF SECTION 171 - TYPE C TEMPORARY SILT FENCE, OF THE GEORGIA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS (QUALIFIED PRODUCTS LIST #36) AND BE WIRE REINFORCED.
- 9) A HAUL ROUTE PERMIT IS REQUIRED WHEN MORE THAN 500 CUBIC YARDS OF HAULED VOLUME TO OR FROM THE SITE. PLANS MUST INCLUDE A STATEMENT INDICATING WHETHER OR NOT A HAUL ROUTE PERMIT IS REQUIRED.
- 10) PRIOR TO THE DEDICATION AND ACCEPTANCE OF SANITARY SEWER, STORM SEWER, OR STREET INFRASTRUCTURE TO THE CITY OF ATLANTA, "AS BUILT" DRAWINGS AND 3-YEAR MAINTENANCE BONDS ARE REQUIRED. THE STREET CONSTRUCTION SHALL DEMONSTRATE ADEQUATE COMPACTION WITH PROFESSIONAL TESTING AND REPORTS PREPARED BY A GEORGIA REGISTERED PROFESSIONAL CIVIL ENGINEER. THE SANITARY SEWER INSTALLATION SHALL INCLUDE AN INTERNAL TELEVISION INSPECTION, A SUCCESSFUL MANDREL PULL, AND A SUCCESSFUL LEAK-DOWN PRESSURE TEST.

24 HOUR CONTACT
KEVIN BURKE
 (404)-477-3637

GSWCC CHECKLIST ITEM #
 (CHECKLIST ON FOLLOWING SHEET)

GSWCC Georgia Soil and Water Conservation Commission

Luck Watford
 Level II Certified Design Professional

CERTIFICATION NUMBER 0000060876
 ISSUED: 03/01/2020 EXPIRES: 03/01/2023

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EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine

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REVISION DATES		

ESPC GENERAL NOTES
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 51-001
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

LAND DISTURBANCE CONSTRUCTION ACTIVITY SEQUENCE

THE FOLLOWING SEQUENCES ARE TO BE IMPLEMENTED IN THE ORDER SHOWN, UNLESS INCLEMENT WEATHER, SITE CONDITIONS, REVISIONS, PRE-CONSTRUCTION CONFERENCE, ETC., DICTATES A DEVIATION FROM THIS SCHEDULE. IF A DEVIATION IS UNDERTAKEN OR ANTICIPATED, THE ENGINEER SHALL BE NOTIFIED AND THE CHANGE OF SEQUENCE SHALL BE RECORDED IN THE DAILY LOG.

36 CLEARING & GRUBBING PLAN (PHASE I)

- 1) OBTAIN AND POST COPY OF LAND DISTURBANCE PERMIT ON SITE.
2) PRIOR TO LAND DISTURBING ACTIVITY, THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING AT THE SITE.
3) SET UP A DAILY INSPECTION LOG FOR THE BMP INSPECTIONS TO BE KEPT IN THE CONSTRUCTION TRAILER OR AT A NEARBY ACCESSIBLE LOCATION (SALES OFFICE, ETC.)
4) PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS.
5) PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE WILL BE CONSTRUCTED AT EACH POINT OF ENTRY TO OR EXIT FROM THE SITE.
6) IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCES/EXITS, ALL PERIMETER EROSION CONTROL DEVICES AND STORM WATER MANAGEMENT DEVICES SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
7) TREE PROTECTION FENCING SHALL BE INSTALLED PRIOR TO THE START OF ANY LAND DISTURBING ACTIVITY.
8) WITHIN SEVEN (7) DAYS AFTER INSTALLATION OF INITIAL EROSION CONTROL MEASURES, THE CONTRACTOR SHALL SCHEDULE AN INSPECTION BY THE DESIGN PROFESSIONAL.
9) AFTER APPROVAL OF INITIAL EROSION CONTROL INSTALLATION, CONTRACTOR MAY PROCEED WITH CLEARING AND GRUBBING ACTIVITIES.
10) THE CONTRACTOR CAN UTILIZE CLEARED TREES AS BARRIER BRUSH SEDIMENT CONTROL WHERE INITIAL GRADING ACTIVITIES WILL NOT OCCUR
11) MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN FOURTEEN (14) DAYS OF LAND DISTURBANCE.
12) CONSTRUCT ALL REMAINING STRUCTURAL BMP'S SHOWN ON ES&PC CONCURRENT WITH CLEARING AND GRUBBING OPERATIONS.

36 INTERMEDIATE GRADING AND TEMPORARY VEGETATIVE PLAN (PHASE II)

- 1) THE CONSTRUCTION EXIT, SILT FENCE, OUTLET PROTECTION, MULCHING, TEMPORARY GRASSING, AND PERMANENT GRASSING SHALL ALL BE MAINTAINED AND REPAIRED DURING THE GRADING PHASE OF CONSTRUCTION.
2) DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULE AND PERFORMANCE TO ENSURE THAT LAND STRIPPED OF ITS NATURAL GROUND COVER IS EXPOSED ONLY IN SMALL QUANTITIES, AND THEREFORE LIMITED DURATIONS, BEFORE PERMANENT EROSION PROTECTION IS ESTABLISHED.
3) STREAMBANK STABILIZATION SHALL BE INSTALLED PRIOR TO DISTURBANCE ON ANY STREAM BANK DURING CONSTRUCTION.
4) EARTHWORK OPERATIONS IN THE VICINITY OF STREAM BUFFERS SHALL BE CAREFULLY CONTROLLED TO AVOID DUMPING OR SLOUGHING INTO THE BUFFER AREAS.
5) TOPSOIL SHALL BE REMOVED TO SUITABLE SUBGRADE MATERIAL. TOPSOIL MAY BE UTILIZED TO CONSTRUCT BERMS AS REQUIRED.
6) STOCK PILES OF SOIL AND OTHER ERODIBLE MATERIALS SHALL BE STABILIZED OR PROTECTED WITH SEDIMENT TRAPPING MEASURES.
7) EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY AFTER GROUND DISTURBANCE OCCURS.
8) TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES ARE NOT TO BE REMOVED UNTIL ALL DISTURBED AREAS ARE STABILIZED.
9) ALL CUT AND FILL SLOPES MUST BE SURFACE ROUGHED AND VEGETATED WITHIN SEVEN (7) DAYS OF THEIR CONSTRUCTION.
10) THE CONTRACTOR SHALL ESTABLISH BARRIERS AT THE TOP OF ALL SLOPES UNDER CONSTRUCTION.

OTHER PROJECTS.

- 11) ALL GRADED SLOPES 3:1 OR GREATER MUST BE HYDRO SEEDED AND COVERED WITH GDOT APPROVED WHEAT OR WOOD FIBER MATTING.
12) ALL DRAINAGE SWALES AND GRADED AREAS SHALL BE APPLIED WITH VEGETATIVE COVER AS SOON AS FINAL GRADE IS ACHIEVED.
13) MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN FOURTEEN (14) DAYS OF LAND DISTURBANCE.
14) EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSPECTED AFTER EACH RAIN EVENT.
15) CONSTRUCT TEMPORARY AND PERMANENT DRAINAGE STRUCTURES AS NECESSARY FOR PROPER SITE DRAINAGE AND CONVEYANCE TO THE PROPER BEST MANAGEMENT PRACTICES SHOWN ON THE SITE PLAN.
16) STORM DRAIN OUTLET PROTECTION SHALL BE PLACED AT ALL OUTLET HEADWALLS AS SOON AS THE HEADWALL IS CONSTRUCTED.
17) THE CONTRACTOR SHALL MAINTAIN ANY SEDIMENT PONDS UNTIL PERMANENT GROUND COVER IS ESTABLISHED.

FINAL GRADING AND PERMANENT VEGETATIVE PLAN (PHASE III)

- 1) SMOOTH GRADES AND PERMANENTLY VEGETATE DISTURBED AREAS AT COMPLETION OF CONSTRUCTION.
2) THE CONTRACTOR SHALL APPLY PERMANENT OR TEMPORARY SOIL STABILIZATION TO ALL DENUDED OR DISTURBED AREAS WITHIN (14) FOURTEEN DAYS AFTER FINAL GRADE IS REACHED.
3) INSTALLATION OF WATER QUALITY DEVICES SHALL BE CONCURRENT WITH FINAL STABILIZATION AND/OR PRIOR TO MAINTENANCE/PERFORMANCE BOND EXPIRATION.
4) PERIMETER SILT FENCING TO REMAIN THROUGHOUT CONSTRUCTION.
5) AS SOON AS PRACTICALLY POSSIBLE, PERMANENT LANDSCAPING SHALL BE INSTALLED ALONG ALL STREETS AND THROUGHOUT THE SITE.
6) WHEN THE SITE IS STABILIZED AND AT THE DIRECTION OF THE COUNTY ENGINEER, THE CONTRACTOR IS TO REMOVE THE SEDIMENT BASINS AND STABILIZE THE DISTURBED AREAS.
7) THE CONSTRUCTION EXIT CAN BE REMOVED ONCE FINAL PAVING AND FINAL VEGETATION IS ESTABLISHED.
8) THE STREAMBANK PROTECTION WILL REMAIN AS PERMANENT STRUCTURES.
9) UPON COMPLETION OF THE PROJECT AND RECEIPT OF THE CERTIFICATE OF COMPLETION, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND DISPOSE OF THEM UNLESS NOTED OTHERWISE ON THE PLANS.

COMPLIANCE WITH FEDERAL, STATE, AND LOCAL REGULATIONS

THE CONTRACTOR WILL OBTAIN COPIES OF ANY AND ALL LOCAL AND STATE REGULATIONS WHICH ARE APPLICABLE TO STORM WATER MANAGEMENT, EROSION CONTROL, AND POLLUTION MINIMIZATION AT THIS JOB SITE AND WILL COMPLY FULLY WITH SUCH REGULATIONS. THE CONTRACTOR WILL SUBMIT WRITTEN EVIDENCE OF SUCH COMPLIANCE IF REQUESTED BY THE OPERATOR OR ANY AGENT OF A REGULATORY BODY.

NO WASTE MATERIALS INCLUDING BUILDING MATERIALS SHALL BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.

28 STORMWATER DISCHARGES

POTENTIAL SOURCES OF STORMWATER POLLUTION EXPECTED TO BE PRESENT ON THE SITE INCLUDE: SEDIMENT, OIL, LUBRICANTS, PAINTS, SOLVENTS, CONCRETE, FERTILIZER AND HERBICIDES. POLLUTANTS SHALL BE MINIMIZED IN THE STORMWATER DISCHARGES BY MAINTAINING GOOD HOUSE KEEPING AND UTILIZING PROPER CARE, HANDLING OF, AND/OR DISPOSAL OF CONSTRUCTION MATERIALS, SOLVENTS, PETROLEUM PRODUCTS AND CONSTRUCTION WASTE.

24 HOUR CONTACT KEVIN BURKE (404)-477-3637

GSWCC CHECKLIST ITEM # (CHECKLIST ON FOLLOWING SHEET)



Table with 2 columns: Erosion Legend and symbols. Rows include Orange Barrier Fence, Silt Fence - Sensitive, Silt Fence - Nonsensitive, and Proposed Site Demolition.



Table with 3 columns: Revision Dates, Checked, Backchecked, Corrected, Verified, and Date.

ESPC GENERAL NOTES ATLANTA BELTLINE NORTHEAST TRAIL

DRAWING No. 51-002

WASTE MATERIALS

ALL WASTE MATERIALS WILL BE COLLECTED AND STORED IN A SECURELY LIDDED METAL DUMPSTER. THE DUMPSTER WILL MEET ALL SOLID WASTE MANAGEMENT REGULATIONS. ALL TRASH AND CONSTRUCTION DEBRIS FROM THE SITE WILL BE DEPOSITED IN THE DUMPSTER. THE DUMPSTER WILL BE EMPTIED A MINIMUM OF ONCE PER WEEK OR MORE OFTEN IF NECESSARY AND TRASH WILL BE HAULED AS REQUIRED BY LOCAL REGULATIONS.

POLLUTION PREVENTION MEASURES

ALL POLLUTION FROM WASTE DISPOSAL PRACTICES, SOIL ADDITIVES, REMEDIATION OF SPILLS AND LEAKS OF PETROLEUM PRODUCTS, CONCRETE TRUCK WASHOUT, ETC., SHOULD ANY OF THESE OCCUR, WILL BE CONTROLLED BY THE IMPLEMENTATION OF APPROPRIATE BMP'S.

POTENTIAL POLLUTANTS INCLUDE BUT ARE NOT LIMITED TO: PETROLEUM, FERTILIZER, PAINT, CONCRETE, DETERGENTS, TAR, CLEANING SOLVENTS, AND OTHER HAZARDOUS MATERIALS.

HAZARDOUS WASTES

ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL, STATE, AND/OR FEDERAL REGULATIONS AND BY THE MANUFACTURER OF SUCH PRODUCTS. THE JOB SITE SUPERINTENDENT, WHO WILL ALSO BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED, WILL INSTRUCT SITE PERSONNEL IN THESE PRACTICES.

THE CONTRACTOR WILL IMPLEMENT THE SPILL PREVENTION CONTROL PLAN AND COUNTERMEASURES (SPCC) PLAN FOUND WITHIN THIS ES&PC PLAN AND WILL TRAIN ALL PERSONNEL IN THE PROPER CLEANUP AND HANDLING OF SPILLED MATERIALS.

NO SPILLED HAZARDOUS MATERIALS OR HAZARDOUS WASTES WILL BE ALLOWED TO COME IN CONTACT WITH STORMWATER DISCHARGES. IF SUCH CONTACT OCCURS, THE STORMWATER DISCHARGE WILL BE CONTAINED ON SITE UNTIL APPROPRIATE MEASURES IN COMPLIANCE WITH STATE AND FEDERAL REGULATIONS ARE TAKEN TO DISPOSE OF SUCH CONTAMINATED STORMWATER.

HAZARDOUS PRODUCTS

THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.

PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE. ORIGINAL LABELS AND MATERIAL SAFETY DATA WILL BE RETAINED; THEY CONTAIN IMPORTANT INFORMATION. IF SURPLUS PRODUCT MUST BE DISPOSED OF, MANUFACTURERS' OR LOCAL AND STATE RECOMMENDED METHODS FOR PROPER DISPOSAL WILL BE FOLLOWED.

GOOD HOUSEKEEPING PRACTICES

- 1) AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT TO DO THE JOB.
2) ALL MATERIALS ONSITE WILL BE STORED IN THEIR APPROPRIATE CONTAINER AND, IF POSSIBLE, UNDER ONE ROOF OR ENCLOSURE.
3) PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINER WITH ORIGINAL MANUFACTURER'S LABEL.
4) SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
5) WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.

25 PETROLEUM STORAGE, SPILLS AND LEAKS

1) THESE PLANS EXPRESSLY DELEGATE THE RESPONSIBILITY OF PROPER ONSITE 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 KEPT ONSITE. ALL PERSONNEL OPERATING OR SERVICING THE EQUIPMENT SHALL BE FAMILIAR WITH THE ACTION PLAN. THE CONTRACTOR SHALL NOT PARK, REFUEL OR MAINTAIN EQUIPMENT WITHIN DESIGNATED WATERWAYS.

30 INSPECTION

1) EACH DAY WHEN ANY TYPE OF CONSTRUCTION ACTIVITY HAS TAKEN PLACE AT A PRIMARY PERMITTEE'S SITE, CERTIFIED PERSONNEL PROVIDED BY THE PRIMARY PERMITTEE SHALL INSPECT: (A) ALL AREAS AT THE PRIMARY PERMITTEE'S SITE WHERE PETROLEUM PRODUCTS ARE STORED, USED, OR HANDLED FOR SPILLS AND LEAKS FROM VEHICLES AND EQUIPMENT AND (B) ALL LOCATIONS AT THE PRIMARY PERMITTEE'S SITE WHERE VEHICLES ENTER OR EXIT THE SITE FOR EVIDENCE OF OFF-SITE SEDIMENT TRACKING. THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.
2) MEASURE RAINFALL ONCE EVERY 24 HOURS EXCEPT ANY NON-WORKING SATURDAY, NON-WORKING SUNDAY AND NON-WORKING FEDERAL HOLIDAY UNTIL A NOTICE OF TERMINATION IS SUBMITTED. MEASUREMENT OF RAINFALL MAY BE SUSPENDED IF ALL AREAS OF THE SITE HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION.
3) CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT THE FOLLOWING AT LEAST ONCE EVERY FOURTEEN (14) CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.5 INCHES RAINFALL OR GREATER (UNLESS SUCH STORM ENDS AFTER 5:00 PM ON ANY FRIDAY OR ON ANY NONWORKING SATURDAY, NON-WORKING SUNDAY OR ANY NON-WORKING FEDERAL HOLIDAY IN WHICH CASE THE INSPECTION SHALL BE COMPLETED BY THE END OF THE NEXT BUSINESS DAY AND/OR WORKING DAY, WHICHEVER OCCURS FIRST): (A) DISTURBED AREAS OF THE PRIMARY PERMITTEE'S CONSTRUCTION SITE ; (B) AREAS USED BY THE PRIMARY PERMITTEE FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION ; AND (C) STRUCTURAL CONTROL MEASURES. EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN APPLICABLE TO THE PRIMARY PERMITTEE'S SITE SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S). FOR AREAS OF A SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION, THE PERMITTEE MUST COMPLY WITH PART IV.D.4.A.(4). THESE INSPECTIONS MUST BE CONDUCTED UNTIL A NOTICE OF TERMINATION IS SUBMITTED.
4) CERTIFIED PERSONNEL (PROVIDED BY THE PRIMARY PERMITTEE) SHALL INSPECT AT LEAST ONCE PER MONTH DURING THE TERM OF THIS PERMIT (I.E., UNTIL A NOTICE OF TERMINATION IS SUBMITTED TO EPD) THE AREAS OF THE SITE THAT HAVE UNDERGONE FINAL STABILIZATION OR ESTABLISHED A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET PERENNIALS APPROPRIATE FOR THE REGION. THESE AREAS SHALL BE INSPECTED FOR EVIDENCE OF, OR THE POTENTIAL FOR, POLLUTANTS ENTERING THE DRAINAGE SYSTEM AND THE RECEIVING WATER(S). EROSION AND SEDIMENT CONTROL MEASURES IDENTIFIED IN THE PLAN SHALL BE OBSERVED TO ENSURE THAT THEY ARE OPERATING CORRECTLY. WHERE DISCHARGE LOCATIONS OR POINTS ARE ACCESSIBLE, THEY SHALL BE INSPECTED TO ASCERTAIN WHETHER EROSION CONTROL MEASURES ARE EFFECTIVE IN PREVENTING SIGNIFICANT IMPACTS TO RECEIVING WATER(S).
5) BASED ON THE RESULTS OF EACH INSPECTION, THE SITE DESCRIPTION AND THE POLLUTION PREVENTION AND CONTROL MEASURES IDENTIFIED IN THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, THE PLAN SHALL BE REVISED AS APPROPRIATE NOT LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION. IMPLEMENTATION OF SUCH CHANGES SHALL BE MADE AS SOON AS PRACTICAL BUT IN NO CASE LATER THAN SEVEN (7) CALENDAR DAYS FOLLOWING EACH INSPECTION.
6) A REPORT OF EACH INSPECTION THAT INCLUDES THE NAME(S) OF CERTIFIED PERSONNEL MAKING EACH INSPECTION, THE DATE(S) OF EACH INSPECTION, CONSTRUCTION PHASE (I.E., INITIAL, INTERMEDIATE OR FINAL), MAJOR OBSERVATIONS RELATING TO THE IMPLEMENTATION OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN, AND ACTIONS TAKEN IN ACCORDANCE WITH PART IV.D.4.A.(5). OF THE PERMIT SHALL BE MADE AND RETAINED AT THE SITE OR BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION UNTIL THE ENTIRE SITE OR THAT PORTION OF A CONSTRUCTION PROJECT THAT HAS BEEN PHASED HAS UNDERGONE FINAL STABILIZATION AND A NOTICE OF TERMINATION IS SUBMITTED TO EPD. SUCH REPORTS SHALL BE READILY AVAILABLE BY END OF THE SECOND BUSINESS DAY AND/OR WORKING DAY AND SHALL IDENTIFY ALL INCIDENTS OF BEST MANAGEMENT PRACTICES THAT HAVE NOT BEEN PROPERLY INSTALLED AND/OR MAINTAINED AS DESCRIBED IN THE PLAN. WHERE THE REPORT DOES NOT IDENTIFY ANY INCIDENTS, THE INSPECTION REPORT SHALL CONTAIN A STATEMENT THAT THE BEST MANAGEMENT PRACTICES ARE IN COMPLIANCE WITH THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN. THE REPORT SHALL BE SIGNED IN ACCORDANCE WITH PART V.G.2. OF THIS PERMIT.

SAMPLING REQUIREMENTS

THIS PERMIT REQUIRES THE MONITORING OF NEPHELOMETRIC TURBIDITY IN RECEIVING WATER(S) OR OUTFALLS IN ACCORDANCE WITH THIS PERMIT. THIS SECTION IS APPLICABLE TO PRIMARY PERMITTEES WITH A TOTAL PLANNED DISTURBANCE EQUAL TO OR GREATER THAN FIVE (5) ACRES. THE FOLLOWING PROCEDURES CONSTITUTE EPD'S GUIDELINES FOR SAMPLING TURBIDITY.

26 STORM WATER SAMPLING

STORM WATER SAMPLES ARE TO BE ANALYZED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 AND THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-8-92-001".

STORM WATER IS TO BE SAMPLED FOR NEPHELOMETRIC TURBIDITY UNITS (NTU) AT THE OUTFALL LOCATION. A DISCHARGE OF STORM WATER RUNOFF FROM DISTURBED AREAS WHERE BEST MANAGEMENT PRACTICES HAVE NOT BEEN PROPERLY DESIGNED, INSTALLED, AND MAINTAINED SHALL CONSTITUTE A SEPARATE VIOLATION FOR EACH DAY ON WHICH SUCH CONDITION RESULTS IN THE TURBIDITY OF THE DISCHARGE EXCEEDING THE APPLICABLE VALUE SELECTED FROM APPENDIX B IN PERMIT NO. GAR100002.

THE NTU LIMIT IS BASED UPON THE DISTURBED ACREAGE OF THE PROJECT SITE AND THE SURFACE WATER DRAINAGE AREA DRAINING TO THE RECEIVING WATER WHICH SUPPORTS WARM WATER FISHERIES.

SAMPLE TYPE

ALL SAMPLING SHALL BE COLLECTED BY "GRAB SAMPLES" AND THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136 (UNLESS OTHER TEST PROCEDURES HAVE BEEN APPROVED); THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD.

- 1) SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.
2) SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER.
3) LARGE MOUTH, WELL CLEANED AND RINSED GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTING SAMPLES. THE JARS SHOULD BE CLEANED THOROUGHLY TO AVOID CONTAMINATION.
4) MANUAL, AUTOMATIC OR RISING STAGE SAMPLING MAY BE UTILIZED. SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM AUTOMATIC SAMPLERS MUST BE COLLECTED NO LATER THAN THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATION, UNLESS FLOW THROUGH AUTOMATED ANALYSIS IS UTILIZED. IF AUTOMATIC SAMPLING IS UTILIZED AND THE AUTOMATIC SAMPLER IS NOT ACTIVATED DURING THE QUALIFYING EVENT, THE PERMITTEE MUST UTILIZE MANUAL SAMPLING OR RISING STAGE SAMPLING DURING THE NEXT QUALIFYING EVENT. DILUTION OF SAMPLES IS NOT REQUIRED. SAMPLES MAY BE ANALYZED DIRECTLY WITH A PROPERLY CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COOLED.
5) SAMPLING AND ANALYSIS OF THE RECEIVING WATER(S) OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED TO EPD AS SPECIFIED IN PART IV. E.

33 SAMPLE POINTS

FOR CONSTRUCTION ACTIVITIES THE PRIMARY PERMITTEE MUST SAMPLE ALL PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES SHOWN ON THE USGS TOPOGRAPHIC MAP AND ALL OTHER FIELD VERIFIED PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES, OR ALL OUTFALLS INTO SUCH STREAMS AND OTHER WATER BODIES, OR A COMBINATION THEREOF. HOWEVER, PROVIDED FOR IN AND IN ACCORDANCE WITH PART IV.D.6.C.(2). OF THIS PERMIT, PRIMARY PERMITTEE'S ON AN INFRASTRUCTURE CONSTRUCTION PROJECT MAY SAMPLE THE REPRESENTATIVE PERENNIAL AND INTERMITTENT STREAMS, OTHER WATER BODIES OR OUTFALLS, OR A COMBINATION THEREOF. SAMPLES TAKEN FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY AND REPRESENTATIVE OF THE WATER QUALITY OF THE RECEIVING WATER(S) AND/OR THE STORM WATER OUTFALLS USING THE FOLLOWING MINIMUM GUIDELINES:

- A) THE UPSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN IMMEDIATELY UPSTREAM OF THE CONFLUENCE OF THE FIRST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST UPSTREAM AT THE SITE) BUT DOWNSTREAM OF ANY OTHER STORM WATER DISCHARGES NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL UPSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE UPSTREAM TURBIDITY VALUE.
B) THE DOWNSTREAM SAMPLE FOR EACH RECEIVING WATER(S) MUST BE TAKEN DOWNSTREAM OF THE CONFLUENCE OF THE LAST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY (I.E., THE DISCHARGE FARTHEST DOWNSTREAM AT THE SITE) BUT UPSTREAM OF ANY OTHER STORM WATER DISCHARGE NOT ASSOCIATED WITH THE PERMITTED ACTIVITY. WHERE APPROPRIATE, SEVERAL DOWNSTREAM SAMPLES FROM ACROSS THE RECEIVING WATER(S) MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE DOWNSTREAM TURBIDITY VALUE.
C) IDEALLY THE SAMPLES SHOULD BE TAKEN FROM THE HORIZONTAL AND VERTICAL CENTER OF THE RECEIVING WATER(S) OR THE STORM WATER OUTFALL CHANNEL(S).
D) CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATER(S) OR IN THE OUTFALL STORM WATER CHANNEL.

- E) THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES UPSTREAM.
F) THE SAMPLES SHOULD BE KEPT FREE FROM FLOATING DEBRIS.
G) PERMITTEE'S DO NOT HAVE TO SAMPLE SHEET FLOW THAT FLOWS ONTO UNDISTURBED NATURAL AREAS OR AREAS STABILIZED BY THE PROJECT. FOR PURPOSES OF THIS SECTION, STABILIZED SHALL MEAN, FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES, 100% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION WITH A DENSITY OF 70% OR GREATER, OR LANDSCAPED ACCORDING TO THE PLAN (UNIFORMLY COVERED WITH LANDSCAPING MATERIALS IN THE MANUAL (EXCLUDING A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARGET CROP PERENNIALS APPROPRIATE FOR THE REGION). FOR INFRASTRUCTURE CONSTRUCTION PROJECTS ON LAND USED FOR AGRICULTURAL OR SILVICULTURAL PURPOSES, FINAL STABILIZATION MAY BE ACCOMPLISHED BY STABILIZING THE DISTURBED LAND FOR ITS AGRICULTURAL OR SILVICULTURAL USE.
H) ALL SAMPLING PURSUANT TO THIS PERMIT MUST BE DONE IN SUCH A WAY (INCLUDING GENERALLY ACCEPTED SAMPLING METHODS, LOCATIONS, TIMING, AND FREQUENCY) AS TO ACCURATELY REFLECT WHETHER STORM WATER RUNOFF FROM THE CONSTRUCTION SITE IS IN COMPLIANCE WITH THE STANDARD SET FORTH IN PARTS 111.0 .3. OR 111.0.4., WHICHEVER IS APPLICABLE.
I) A DISCHARGE OF STORM WATER RUNOFF FROM DISTURBED AREAS WHERE BEST MANAGEMENT PRACTICES HAVE NOT BEEN PROPERLY DESIGNED, INSTALLED, AND MAINTAINED SHALL CONSTITUTE A SEPARATE VIOLATION FOR EACH DAY ON WHICH SUCH DISCHARGE RESULTS IN THE TURBIDITY OF RECEIVING WATER(S) BEING INCREASED BY MORE THAN TEN (10) NEPHELOMETRIC TURBIDITY UNITS FOR WATERS CLASSIFIED AS TROUT STREAMS OR MORE THAN TWENTY-FIVE (25) NEPHELOMETRIC TURBIDITY UNITS FOR WATERS SUPPORTING WARM WATER FISHERIES, REGARDLESS OF A PERMITTEE'S CERTIFICATION UNDER PART 11.8.1.I.
J) WHEN THE PERMITTEE HAS ELECTED TO SAMPLE OUTFALL(S), THE DISCHARGE OF STORM WATER RUNOFF FROM DISTURBED AREAS WHERE BEST MANAGEMENT PRACTICES HAVE NOT BEEN PROPERLY DESIGNED, INSTALLED, AND MAINTAINED SHALL CONSTITUTE A SEPARATE VIOLATION FOR EACH DAY ON WHICH SUCH CONDITION RESULTS IN THE TURBIDITY OF THE DISCHARGE EXCEEDING THE VALUE SELECTED FROM APPENDIX B APPLICABLE TO THE CONSTRUCTION SITE. AS SET FORTH THEREIN, THE NEPHELOMETRIC TURBIDITY UNIT (NTU) VALUE SHALL BE SELECTED FROM APPENDIX B BASED UPON THE SIZE OF THE CONSTRUCTION SITE, THE SURFACE WATER DRAINAGE AREA AND WHETHER THE RECEIVING WATER(S) SUPPORTS WARM WATER FISHERIES OR IS A TROUT STREAM AS INDICATED IN THE RULES AND REGULATIONS FOR WATER QUALITY CONTROL, CHAPTER 391-3-6 AT WWW.GAEPD.ORG.

SAMPLING FREQUENCY 31

- 1) THE PRIMARY PERMITTEE MUST SAMPLE IN ACCORDANCE WITH THE PLAN AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW. FOR A QUALIFYING EVENT, THE PERMITTEE SHALL SAMPLE AT THE BEGINNING OF ANY STORM WATER DISCHARGE TO MONITORED RECEIVING WATER AND/OR FROM A MONITORED OUTFALL LOCATION WITHIN FORTY-FIVE (45) MINUTES OR AS SOON AS POSSIBLE.
2) HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORM WATER DISCHARGE.
3) SAMPLING BY THE PERMITTEE SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS:
A) FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT. AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO COMPLETION OF MASS GRADING OPERATIONS, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE REPRESENTATIVE SAMPLING LOCATION;
B) IN ADDITION TO (A) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORM WATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT EITHER 90 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO SUBMITTAL OF A NOT, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE REPRESENTATIVE SAMPLING LOCATION, WHICHEVER COMES FIRST;
C) AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (A) AND (B) ABOVE, IF BMPS IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED, CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED WITHIN TWO (2) BUSINESS DAYS, AND TURBIDITY SAMPLES SHALL BE TAKEN FROM DISCHARGES FROM THAT AREA OF THE SITE FOR EACH SUBSEQUENT RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH DURING NORMAL BUSINESS HOURS* UNTIL THE SELECTED TURBIDITY STANDARD IS ATTAINED, OR UNTIL POST-STORM EVENT INSPECTIONS DETERMINE THAT BMPS ARE PROPERLY DESIGNED, INSTALLED AND MAINTAINED;
D) WHERE SAMPLING PURSUANT TO (A), (B) OR (C) ABOVE IS REQUIRED BUT NOT POSSIBLE (OR NOT REQUIRED BECAUSE THERE WAS NO DISCHARGE), THE PERMITTEE, IN ACCORDANCE WITH PART IV.D.4.A.(6), MUST INCLUDE A WRITTEN JUSTIFICATION IN THE INSPECTION REPORT OF WHY SAMPLING WAS NOT PERFORMED. PROVIDING THIS JUSTIFICATION DOES NOT RELIEVE THE PERMITTEE OF ANY SUBSEQUENT SAMPLING OBLIGATIONS UNDER (A), (B) OR (C) ABOVE; AND
E) EXISTING CONSTRUCTION ACTIVITIES, I.E., THOSE THAT ARE OCCURRING ON OR BEFORE THE EFFECTIVE DATE OF THIS PERMIT, THAT HAVE MET THE SAMPLING REQUIRED BY (A) ABOVE SHALL SAMPLE IN ACCORDANCE WITH (B). THOSE EXISTING CONSTRUCTION ACTIVITIES THAT HAVE MET THE SAMPLING REQUIRED BY (B) ABOVE SHALL NOT BE REQUIRED TO CONDUCT ADDITIONAL SAMPLING OTHER THAN AS REQUIRED BY (C) ABOVE.

*NOTE THAT THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF (A) AND (B) ABOVE BY COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR SAMPLING AT ANY TIME OF THE DAY OR WEEK.

GSWCC CHECKLIST ITEM # (CHECKLIST ON FOLLOWING SHEET)

24 HOUR CONTACT KEVIN BURKE (404)-477-3637

Professional Engineer stamp for Luck Watford, Level II Certified Design Professional, Certification Number 0000060876, Issued 03/01/2020, Expires 03/01/2023.

Table with 2 columns: Legend Item and Symbol. Items include ORANGE BARRIER FENCE, SILT FENCE - SENSITIVE, SILT FENCE - NONSENSITIVE, and PROPOSED SITE DEMOLITION.

Atlanta BeltLine, Inc. logo and address: 100 PEACHTREE STREET, NW SUITE 2300 ATLANTA, GA 30303

Kimley-Horn & Associates, Inc. logo and address: THE BILTMORE, SUITE 601 817 WEST PEACHTREE STREET, NW ATLANTA, GEORGIA 30308

R2T RIVER TO TAP logo and address: 580 W Crossville Road Suite 101 Roswell, GA 30075

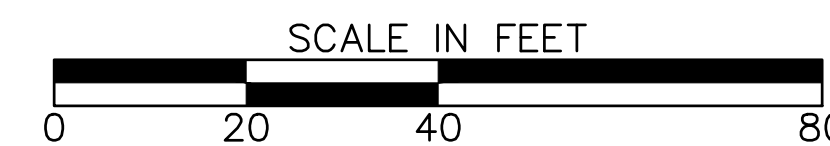


Table with 3 columns: Revision Number, Date, and Description. Header: REVISION DATES.

ESPC GENERAL NOTES ATLANTA BELTLINE NORTHEAST TRAIL

Table with 4 columns: Checked/Backchecked/Verified, Date, and Drawing No. Drawing No. is 51-003.

SEDIMENT STORAGE

THIS SITE HAS A TOTAL DRAINAGE AREA OF 16.90 ACRES. THE FOLLOWING TABLE SUMMARIZES THE REQUIRED AND AVAILABLE SEDIMENT BASIN ON THIS PROJECT. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN THE STORAGE VOLUMES FOR THE BMPS SPECIFIED IN THIS TABLE. DUE TO THE SITE CONDITIONS AND NATURE OF THIS CONSTRUCTION, SEDIMENT BASINS ARE PRACTICAL. BMP SUCH AS SILT FENCE AND INLET TRAPS WILL BE UTILIZED TO PREVENT SEDIMENT FROM ENTERING THE STORM DRAIN SYSTEM

Table with 2 main sections: Sediment Storage Volume and Sediment Basin details. Includes columns for Network, Total Drainage Area, Sediment Storage Volume, SILT FENCE (Length, Storage), Sediment Basin (Volume, Count, Storage), and Inlet Sediment Trap (Count, Storage).

NON-STORM WATER DISCHARGE
IT IS NOT ANTICIPATED THAT ANY NON-STORM WATER DISCHARGES WILL BE MADE TO ANY OFF-SITE WATERS. IF IT IS DETERMINED THAT NON-STORM WATER DISCHARGES WILL BE MADE, INCLUDING DISCHARGES FROM FIRE FIGHTING ACTIVITIES, FIRE HYDRANT FLUSHING, POTABLE WATER SOURCES INCLUDING INLINE FLUSHING, IRRIGATION DRAINAGE, AIR CONDITIONING CONDENSATE, SPRINGS, UNCONTAMINATED GROUND WATER, FOUNDATION OR FOOTING DRAWINGS WHERE FLOWS ARE TO BE CONTAMINATED WITH PROCESS MATERIALS OR POLLUTANTS, THIS SECTION WILL BE AMENDED WITH THE DETAILS OF THE DRAINAGE.

SITE VISIT CERTIFICATION
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 DIRECT SUPERVISION.
BUFFERS DETERMINED BY KHA
GASWCC LEVEL II DESIGN PROFESSIONAL DATE CERTIFICATION #

ES&PC CERTIFICATION STATEMENT
I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT "MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA" (MANUAL) PUBLISHED BY THE STATE SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR 100001, GAR 100002 AND GAR 100003.

DESIGN PROFESSIONAL 7-DAY VISIT CERTIFICATION
DATE OF INSPECTION
I certify the site was in compliance with the ES&PC Plan on the date of inspection.
GASWCC LEVEL II DESIGN PROFESSIONAL CERTIFICATION #
Inspection included the following discrepancies from the ES&PC Plan
These deficiencies must be addressed immediately and a re-inspection scheduled. Work shall not proceed on the site until design Professional Certification is obtained.

NOTES:
THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO, OR CONCURRENT WITH, LAND DISTURBING ACTIVITIES.
EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLANS DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE.
ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
NO WASTE MATERIALS INCLUDING BUILDING MATERIALS, SHALL BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT.
AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMPS WITH HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL. A REVISION TO THE EROSION CONTROL PLAN IS REQUIRED WHEREVER THERE IS A CHANGE IN DESIGN, CONSTRUCTION, OPERATION OR MAINTENANCE THAT WILL HAVE A SIGNIFICANT EFFECT ON BMPS WITH A HYDRAULIC COMPONENT OR IF THE PLAN PROVES TO BE INEFFECTIVE IN ELIMINATING POLLUTANT DISCHARGE.
THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS, PERIMETER CONTROL BMPS, AND SEDIMENT BASINS WITHIN 7 DAYS AFTER INSTALLATION IN ACCORDANCE WITH PART IV.A.5 PAGE 26 OF THE PERMIT.

ES&PC CERTIFICATION STATEMENT
I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR THE MONITORING OF: (A) ALL PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES SHOWN ON THE USGS TOPOGRAPHIC MAP AND ALL OTHER FIELD VERIFIED PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES, OR (B) WHERE ANY SUCH SPECIFIC IDENTIFIED PERENNIAL OR INTERMITTENT STREAM AND OTHER WATER BODY IS NOT PROPOSED TO BE SAMPLED, I HAVE DETERMINED IN MY PROFESSIONAL JUDGEMENT, UTILIZING THE FACTORS REQUIRED IN THE GENERAL NPDES PERMIT NO. GAR 100002, THAT THE INCREASE IN TURBIDITY OF EACH SPECIFIC IDENTIFIED SAMPLED RECEIVING WATER WILL BE REPRESENTATIVE OF THE INCREASE IN THE TURBIDITY OF A SPECIFIC IDENTIFIED UN-SAMPLED RECEIVING WATER.
Luck Watford 11/09/2021 0000029504
GASWCC LEVEL II DESIGN PROFESSIONAL DATE CERTIFICATION #

PERMIT NO. GAR100002 CERTIFICATION
I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT CERTIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.
NAME (OWNER) DATE

GSWCC
Luck Watford
Level II Certified Design Professional
CERTIFICATION NUMBER 0000060876
ISSUED: 03/01/2020 EXPIRES: 03/01/2023

GSWCC CHECKLIST ITEM # (CHECKLIST ON FOLLOWING SHEET)

24 HOUR CONTACT
KEVIN BURKE
(404)-477-3637

EROSION, SEDIMENTATION & POLLUTION CONTROL PLAN CHECKLIST
INFRASTRUCTURE CONSTRUCTION PROJECTS

Project Name: Atlanta Beltline Northeast Address:
City/County: FULTON Date on Plans: 12/08/2021
Name & email of person filling out checklist: LUCK.WATFORD, LUCK.WATFORD@R2TINC.COM

Table with columns: Plan Page #, Included Y/N, and Description. Lists 26 items related to erosion, sedimentation, and pollution control measures.

Table with columns: Item ID, Status (Y/N), and Description. Corresponds to the checklist items on the left, providing a status for each.

EROSION LEGEND
ORANGE BARRIER FENCE
SILT FENCE - SENSITIVE
SILT FENCE - NONSENSITIVE
PROPOSED SITE DEMOLITION

Atlanta BeltLine logo and contact information for Kimley-Horn and Associates, Inc.

R2T logo and contact information for R2T Inc.



REVISION DATES table with columns for Date and Description.

ESPC GENERAL NOTES
ATLANTA BELTLINE NORTHEAST TRAIL
CHECKED: DATE
BACKCHECKED: DATE
CORRECTED: DATE
VERIFIED: DATE
DRAWING No. 51-004
Effective January 1, 2021

Lerone Cook

REPORTING

1) THE APPLICABLE PERMITTEE'S ARE REQUIRED TO SUBMIT THE SAMPLING RESULTS TO THE EPD AT THE ADDRESS SHOWN IN PART II.C. BY THE FIFTEENTH DAY OF THE MONTH FOLLOWING THE REPORTING PERIOD. REPORTING PERIODS ARE MONTHS DURING WHICH SAMPLES ARE TAKEN IN ACCORDANCE WITH THIS PERMIT. SAMPLING RESULTS SHALL BE IN A CLEARLY LEGIBLE FORMAT. UPON WRITTEN NOTIFICATION, EPD MAY REQUIRE THE APPLICABLE PERMITTEE TO SUBMIT THE SAMPLING RESULTS ON A MORE FREQUENT BASIS. SAMPLING AND ANALYSIS OF ANY STORM WATER DISCHARGE(S) OR THE RECEIVING WATER(S) BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED IN A SIMILAR MANNER TO THE EPD. THE SAMPLING REPORTS MUST BE SIGNED IN ACCORDANCE WITH PART V.G.2. SAMPLING REPORTS MUST BE SUBMITTED TO EPD UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

2) ALL SAMPLING REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION:

A) THE RAINFALL AMOUNT, DATE, EXACT PLACE AND TIME OF SAMPLING OR MEASUREMENTS;

B) THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE SAMPLING AND MEASUREMENTS;

C) THE DATE(S) ANALYSES WERE PERFORMED;

D) THE TIME(S) ANALYSES WERE INITIATED;

E) THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE ANALYSES;

F) REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL TECHNIQUES OR METHODS USED;

G) THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT READOUTS, COMPUTER DISKS OR TAPES, ETC., USED TO DETERMINE THESE RESULTS;

H) RESULTS WHICH EXCEED 1000 NTU SHALL BE REPORTED AS "EXCEEDS 1000 NTU;" AND

I) CERTIFICATION STATEMENT THAT SAMPLING WAS CONDUCTED AS PER THE PLAN.

3) ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE DISTRICT OFFICE OF THE EPD ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT. THE PERMITTEE SHALL RETAIN A COPY OF THE PROOF OF SUBMITTAL AT THE CONSTRUCTION SITE OR THE PROOF OF SUBMITTAL SHALL BE READILY AVAILABLE AT A DESIGNATED LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI. IF AN ELECTRONIC SUBMITTAL IS PROVIDED BY EPD THEN THE WRITTEN CORRESPONDENCE MAY BE SUBMITTED ELECTRONICALLY; IF REQUIRED, A PAPER COPY MUST ALSO BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL OR SIMILAR SERVICE.

ACTIVITIES WITHIN A BUFFER

1) EXCEPT AS PROVIDED IN PART IV.(III). IN THE GAR100002 PERMIT, NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A 25 FOOT BUFFER ALONG THE BANKS OF ALL STATE WATERS, AS MEASURED HORIZONTALLY FROM THE POINT WHERE VEGETATION HAS BEEN WRESTED BY NORMAL STREAM FLOW OR WAVE ACTION, EXCEPT WHERE THE DIRECTOR HAS DETERMINED TO ALLOW A VARIANCE THAT IS AT LEAST AS PROTECTIVE OF NATURAL RESOURCES AND THE ENVIRONMENT IN ACCORDANCE WITH THE PROVISIONS OF O.C.G.A. 12-7-6, OR WHERE A DRAINAGE STRUCTURE OR A ROADWAY DRAINAGE STRUCTURE MUST BE CONSTRUCTED, PROVIDED THAT ADEQUATE EROSION CONTROL MEASURES ARE INCORPORATED IN THE PROJECT PLANS AND SPECIFICATIONS AND ARE IMPLEMENTED, OR ALONG ANY EPHEMERAL STREAM, OR WHERE BULKHEADS AND SEAWALLS MUST BE CONSTRUCTED TO PREVENT THE EROSION OF THE SHORELINE ON LAKE OCONEE AND LAKE SINCLAIR. THE BUFFER SHALL NOT APPLY TO THE FOLLOWING ACTIVITIES PROVIDED THAT ADEQUATE EROSION CONTROL MEASURES ARE INCORPORATED INTO THE PROJECT PLANS AND SPECIFICATIONS ARE IMPLEMENTED:

A) PUBLIC DRINKING WATER SYSTEM RESERVOIRS,

B) FENCES,

C) STREAM CROSSINGS FOR WATER LINES AND SEWER LINES, PROVIDED THAT THE STREAM CROSSINGS OCCUR AT AN ANGLE, AS MEASURED FROM THE POINT OF CROSSING, WITHIN 25 DEGREES OF PERPENDICULAR TO THE STREAM AND CAUSE A WIDTH OF DISTURBANCE OF NOT MORE THAN 50 FEET WITHIN THE BUFFER, AND NATIVE RIPARIAN VEGETATION IS RE-ESTABLISHED IN ANY BARE OR DISTURBED AREAS WITHIN THE BUFFER

D) STREAM CROSSINGS FOR ANY UTILITY LINES OF ANY ELECTRIC MEMBERSHIP CORPORATION OR MUNICIPAL ELECTRICAL SYSTEM OR ANY PUBLIC UTILITY UNDER THE REGULATORY JURISDICTION OF THE PUBLIC SERVICE COMMISSION, ANY UTILITY UNDER THE REGULATORY JURISDICTION OF THE FEDERAL ENERGY REGULATORY COMMISSION, ANY CABLE TELEVISION SYSTEM AS DEFINED IN CODE SECTION 36-18-1, OR ANY AGENCY OR INSTRUMENTALITY OF THE UNITED STATES ENGAGED IN THE GENERATION, TRANSMISSION OR DISTRIBUTION OF POWER, PROVIDED THAT:

a) THE STREAM CROSSINGS OCCUR AT AN ANGLE, AS MEASURED FROM THE POINT OF CROSSING, WITHIN 25 DEGREES OF PERPENDICULAR TO THE STREAM AND CAUSE A WIDTH OF DISTURBANCE OF NOT MORE THAN 50 FEET WITHIN THE BUFFER,

b) NATIVE RIPARIAN VEGETATION IS RE-ESTABLISHED IN ANY BARE OR DISTURBED AREAS WITHIN THE BUFFER AND

c) THE ENTITY IS NOT A SECONDARY PERMITTEE FOR A PROJECT LOCATED WITHIN A COMMON DEVELOPMENT OR SALE UNDER THIS PERMIT,

E) STREAM CROSSINGS FOR AERIAL UTILITY LINES, PROVIDED THAT:

a) THE NEW UTILITY LINE RIGHT-OF-WAY WIDTH DOES NOT EXCEED 200 LINEAR FEET,

b) UTILITY LINES ARE ROUTED AND CONSTRUCTED SO AS TO MINIMIZE THE NUMBER OF STREAM CROSSINGS AND DISTURBANCES TO THE BUFFER,

c) ONLY TREES AND TREE DEBRIS ARE REMOVED FROM WITHIN THE BUFFER RESULTING IN ONLY MINOR SOIL EROSION (I.E., DISTURBANCE TO UNDERLYING VEGETATION IS MINIMIZED), AND

d) NATIVE RIPARIAN VEGETATION IS RE-ESTABLISHED IN ANY BARE OR DISTURBED AREAS WITHIN THE BUFFER. THE PLAN SHALL INCLUDE A DESCRIPTION OF THE STREAM CROSSINGS WITH DETAILS OF THE BUFFER DISTURBANCE INCLUDING AREA AND LENGTH OF BUFFER DISTURBANCE, ESTIMATED LENGTH OF TIME OF BUFFER DISTURBANCE, AND JUSTIFICATION;

F) RIGHT-OF-WAY POSTS, GUY-WIRES, ANCHORS, SURVEY MARKERS AND THE REPLACEMENT OR MAINTENANCE OF EXISTING UTILITY STRUCTURES WITHIN THE CURRENT RIGHT-OF-WAY UNDERTAKEN OR FINANCED IN WHOLE OR IN PART BY THE DEPARTMENT OF TRANSPORTATION, THE GEORGIA HIGHWAY AUTHORITY OR THE STATE ROAD AND TOLLWAY AUTHORITY OR UNDERTAKEN BY ANY COUNTY OR MUNICIPALITY, PROVIDED THAT:

a) THE AREA OF LAND DISTURBANCE DOES NOT EXCEED 1 00 SQUARE FEET PER STRUCTURE,

b) THE AREA OF BUFFER VEGETATION TO BE CUT (NOT GRUBBED) DOES NOT EXCEED 1,000 SQUARE FEET PER STRUCTURE,

c) NATIVE RIPARIAN VEGETATION IS RE-ESTABLISHED IN ANY BARE OR DISTURBED AREAS WITHIN THE BUFFER AND

d) THE ENTITY IS NOT A SECONDARY PERMITTEE FOR A PROJECT LOCATED WITHIN A COMMON DEVELOPMENT OR SALE UNDER THIS PERMIT; AND

G) RIGHT-OF-WAY POSTS, GUY-WIRES, ANCHORS, SURVEY MARKERS AND THE REPLACEMENT OR MAINTENANCE OF EXISTING UTILITY STRUCTURES WITHIN THE CURRENT RIGHT-OF-WAY UNDERTAKEN BY ANY ELECTRIC MEMBERSHIP CORPORATION OR MUNICIPAL ELECTRICAL SYSTEM OR ANY PUBLIC UTILITY UNDER THE REGULATORY JURISDICTION OF THE PUBLIC SERVICE COMMISSION, ANY UTILITY UNDER THE REGULATORY JURISDICTION OF THE FEDERAL ENERGY REGULATORY COMMISSION, ANY CABLE TELEVISION SYSTEM AS DEFINED IN CODE SECTION 36-18-1, OR ANY AGENCY OR INSTRUMENTALITY OF THE UNITED STATES ENGAGED IN THE GENERATION, TRANSMISSION OR DISTRIBUTION OF POWER, PROVIDED THAT:

a) THE AREA OF LAND DISTURBANCE DOES NOT EXCEED 100 SQUARE FEET PER STRUCTURE,

b) THE AREA OF BUFFER VEGETATION TO BE CUT (NOT GRUBBED) DOES NOT EXCEED 1,000 SQUARE FEET PER STRUCTURE,

c) NATIVE RIPARIAN VEGETATION IS RE-ESTABLISHED IN ANY BARE OR DISTURBED AREAS WITHIN THE BUFFER AND

d) THE ENTITY IS NOT A SECONDARY PERMITTEE FOR A PROJECT LOCATED WITHIN A COMMON DEVELOPMENT OR SALE UNDER THIS PERMIT.

15) 2) NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF 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. NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED ALONG THE BANKS OF ANY STATE WATERS CLASSIFIED AS 'TROUT STREAMS' EXCEPT WHEN APPROVAL IS GRANTED BY THE DIRECTOR FOR ALTERNATE BUFFER REQUIREMENTS IN ACCORDANCE WITH THE PROVISIONS OF O.C.G.A. 12-7-6, OR WHERE A ROADWAY DRAINAGE STRUCTURE MUST BE CONSTRUCTED; PROVIDED, HOWEVER, THAT SMALL SPRINGS AND STREAMS CLASSIFIED AS 'TROUT STREAMS' WHICH DISCHARGE AN AVERAGE ANNUAL FLOW OF 25 GALLONS PER MINUTE OR LESS SHALL HAVE A 25 FOOT BUFFER OR THEY MAY BE PIPED, AT THE DISCRETION OF THE PERMITTEE, PURSUANT TO THE TERMS OF A RULE PROVIDING FOR A GENERAL VARIANCE PROMULGATED BY THE BOARD OF NATURAL RESOURCES INCLUDING NOTIFICATION OF SUCH TO EPD AND THE LOCAL ISSUING AUTHORITY OF THE LOCATION AND EXTENT OF THE PIPING AND PRESCRIBED METHODOLOGY FOR MINIMIZING THE IMPACT OF SUCH PIPING AND FOR MEASURING THE VOLUME OF WATER DISCHARGED BY THE STREAM. ANY SUCH PIPE MUST STOP SHORT OF THE DOWNSTREAM PERMITTEE'S PROPERTY, AND THE PERMITTEE MUST COMPLY WITH THE BUFFER REQUIREMENT FOR ANY ADJACENT TROUT STREAMS. THE BUFFER SHALL NOT APPLY TO THE FOLLOWING ACTIVITIES PROVIDED THAT ADEQUATE EROSION CONTROL MEASURES ARE INCORPORATED INTO THE PROJECT PLANS AND SPECIFICATIONS ARE IMPLEMENTED:

A) PUBLIC DRINKING WATER SYSTEM RESERVOIRS,

B) FENCES,

C) STREAM CROSSINGS FOR WATER LINES AND SEWER LINES, PROVIDED THAT THE STREAM CROSSINGS OCCUR AT AN ANGLE, AS MEASURED FROM THE POINT OF CROSSING, WITHIN 25 DEGREES OF PERPENDICULAR TO THE STREAM AND CAUSE A WIDTH OF DISTURBANCE OF NOT MORE THAN 50 FEET WITHIN THE BUFFER, AND NATIVE RIPARIAN VEGETATION IS RE-ESTABLISHED IN ANY BARE OR DISTURBED AREAS WITHIN THE BUFFER

D) STREAM CROSSINGS FOR ANY UTILITY LINES OF ANY ELECTRIC MEMBERSHIP CORPORATION OR MUNICIPAL ELECTRICAL SYSTEM OR ANY PUBLIC UTILITY UNDER THE REGULATORY JURISDICTION OF THE PUBLIC SERVICE COMMISSION, ANY UTILITY UNDER THE REGULATORY JURISDICTION OF THE FEDERAL ENERGY REGULATORY COMMISSION, ANY CABLE TELEVISION SYSTEM AS DEFINED IN CODE SECTION 36-18-1, OR ANY AGENCY OR INSTRUMENTALITY OF THE UNITED STATES ENGAGED IN THE GENERATION, TRANSMISSION OR DISTRIBUTION OF POWER, PROVIDED THAT:

a) THE STREAM CROSSINGS OCCUR AT AN ANGLE, AS MEASURED FROM THE POINT OF CROSSING, WITHIN 25 DEGREES OF PERPENDICULAR TO THE STREAM AND CAUSE A WIDTH OF DISTURBANCE OF NOT MORE THAN 50 FEET WITHIN THE BUFFER,

b) NATIVE RIPARIAN VEGETATION IS RE-ESTABLISHED IN ANY BARE OR DISTURBED AREAS WITHIN THE BUFFER AND

c) THE ENTITY IS NOT A SECONDARY PERMITTEE FOR A PROJECT LOCATED WITHIN A COMMON DEVELOPMENT OR SALE UNDER THIS PERMIT,

E) STREAM CROSSINGS FOR AERIAL UTILITY LINES, PROVIDED THAT:

a) THE NEW UTILITY LINE RIGHT-OF-WAY WIDTH DOES NOT EXCEED 200 LINEAR FEET,

b) UTILITY LINES ARE ROUTED AND CONSTRUCTED SO AS TO MINIMIZE THE NUMBER OF STREAM CROSSINGS AND DISTURBANCES TO THE BUFFER,

c) ONLY TREES AND TREE DEBRIS ARE REMOVED FROM WITHIN THE BUFFER RESULTING IN ONLY MINOR SOIL EROSION (I.E., DISTURBANCE TO UNDERLYING VEGETATION IS MINIMIZED), AND

d) NATIVE RIPARIAN VEGETATION IS RE-ESTABLISHED IN ANY BARE OR DISTURBED AREAS WITHIN THE BUFFER. THE PLAN SHALL INCLUDE A DESCRIPTION OF THE STREAM CROSSINGS WITH DETAILS OF THE BUFFER DISTURBANCE INCLUDING AREA AND LENGTH OF BUFFER DISTURBANCE, ESTIMATED LENGTH OF TIME OF BUFFER DISTURBANCE, AND JUSTIFICATION; AND

F) RIGHT-OF-WAY POSTS, GUY-WIRES, ANCHORS, SURVEY MARKERS AND THE REPLACEMENT OR MAINTENANCE OF EXISTING UTILITY STRUCTURES WITHIN THE RIGHT-OF-WAY UNDERTAKEN OR FINANCED IN WHOLE OR IN PART BY THE DEPARTMENT OF TRANSPORTATION, THE GEORGIA HIGHWAY AUTHORITY OR THE STATE ROAD AND TOLLWAY AUTHORITY OR UNDERTAKEN BY ANY COUNTY OR MUNICIPALITY, PROVIDED THAT:

a) THE AREA OF LAND DISTURBANCE DOES NOT EXCEED 100 SQUARE FEET PER STRUCTURE,

b) THE AREA OF BUFFER VEGETATION TO BE CUT (NOT GRUBBED) DOES NOT EXCEED 1,000 SQUARE FEET PER STRUCTURE,

c) NATIVE RIPARIAN VEGETATION IS RE-ESTABLISHED IN ANY BARE OR DISTURBED AREAS WITHIN THE BUFFER AND

d) THE ENTITY IS NOT A SECONDARY PERMITTEE FOR A PROJECT LOCATED WITHIN A COMMON DEVELOPMENT OR SALE UNDER THIS PERMIT; AND

G) RIGHT-OF-WAY POSTS, GUY-WIRES, ANCHORS, SURVEY MARKERS AND THE REPLACEMENT OR MAINTENANCE OF EXISTING UTILITY STRUCTURES WITHIN THE CURRENT RIGHT-OF-WAY UNDERTAKEN BY ANY ELECTRIC MEMBERSHIP CORPORATION OR MUNICIPAL ELECTRICAL SYSTEM OR ANY PUBLIC UTILITY UNDER THE REGULATORY JURISDICTION OF THE PUBLIC SERVICE COMMISSION, ANY UTILITY UNDER THE REGULATORY JURISDICTION OF THE FEDERAL ENERGY REGULATORY COMMISSION, ANY CABLE TELEVISION SYSTEM AS DEFINED IN CODE SECTION 36-18-1, OR ANY AGENCY OR INSTRUMENTALITY OF THE UNITED STATES ENGAGED IN THE GENERATION, TRANSMISSION OR DISTRIBUTION OF POWER, PROVIDED THAT:

a) THE AREA OF LAND DISTURBANCE DOES NOT EXCEED 100 SQUARE FEET PER STRUCTURE,

b) THE AREA OF BUFFER VEGETATION TO BE CUT (NOT GRUBBED) DOES NOT EXCEED 1,000 SQUARE FEET PER STRUCTURE,

c) NATIVE RIPARIAN VEGETATION IS RE-ESTABLISHED IN ANY BARE OR DISTURBED AREAS WITHIN THE BUFFER AND

d) THE ENTITY IS NOT A SECONDARY PERMITTEE FOR A PROJECT LOCATED WITHIN A COMMON DEVELOPMENT OR SALE UNDER THIS PERMIT.

16) 3) EXCEPT AS PROVIDED ABOVE, FOR BUFFERS REQUIRED PURSUANT TO PART IV.(I). AND (II)., NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A BUFFER AND A BUFFER SHALL REMAIN IN ITS NATURAL, UNDISTURBED, STATE OF VEGETATION UNTIL ALL LAND DISTURBING ACTIVITIES ON THE CONSTRUCTION SITE ARE COMPLETED. DURING COVERAGE UNDER THIS PERMIT, A BUFFER CANNOT BE THINNED OR TRIMMED OF VEGETATION AND A PROTECTIVE VEGETATIVE COVER MUST REMAIN TO PROTECT WATER QUALITY AND AQUATIC HABITAT AND A NATURAL CANOPY MUST BE LEFT IN SUFFICIENT QUANTITY TO KEEP SHADE ON THE STREAM BED.

22) **IMPAIRED STREAM SEGMENT**

ANY PERMITTEE WHO INTENDS TO OBTAIN COVERAGE UNDER THE GAR1000002 PERMIT FOR STORM WATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY INTO AN IMPAIRED STREAM SEGMENT, OR WITHIN ONE (1) LINEAR MILE UPSTREAM OF AND WITHIN THE SAME WATERSHED AS, ANY PORTION OF AN IMPAIRED STREAM SEGMENT IDENTIFIED AS "NOT SUPPORTING" ITS DESIGNATED USE(S), AS SHOWN ON GEORGIA'S MOST CURRENT "305(B)/303(D) LIST DOCUMENTS (FINAL)" AT THE TIME OF NOI SUBMITTAL, MUST SATISFY THE REQUIREMENTS OF PART III.C. OF THIS PERMIT IF THE IMPAIRED STREAM SEGMENT HAS BEEN LISTED FOR CRITERIA VIOLATED, "BIO F" (IMPAIRED FISH COMMUNITY) AND/OR "BIO M" (IMPAIRED MACROINVERTEBRATE COMMUNITY), WITHIN CATEGORY 4A, 4B OR 5, AND THE POTENTIAL CAUSE IS EITHER "NP" (NONPOINT SOURCE) OR "UR" (URBAN RUNOFF). THOSE DISCHARGES THAT ARE LOCATED WITHIN ONE (1) LINEAR MILE OF AN IMPAIRED STREAM SEGMENT, BUT ARE NOT LOCATED WITHIN THE WATERSHED OF ANY PORTION OF THAT STREAM SEGMENT, ARE EXCLUDED FROM THIS REQUIREMENT. GEORGIA'S 305(B)/303(D) LIST DOCUMENTS (FINAL)" CAN BE VIEWED ON THE EPD WEBSITE.

IN ORDER TO ENSURE THAT THE PERMITTEE'S DISCHARGE(S) DO NOT CAUSE OR CONTRIBUTE TO A VIOLATION OF STATE WATER QUALITY STANDARDS, THE PLAN MUST INCLUDE FOUR (4) OF THE FOLLOWING BEST MANAGEMENT PRACTICES (BMPs) FOR THOSE AREAS OF THE SITE

WHICH DISCHARGE INTO OR WITHIN ONE (1) LINEAR MILE UPSTREAM AND WITHIN THE SAME WATERSHED AS THE IMPAIRED STREAM SEGMENT:

d) A LARGE SIGN (MINIMUM 4 FEET X 8 FEET) MUST BE POSTED ON SITE BY THE ACTUAL START DATE OF CONSTRUCTION. THE SIGN MUST BE VISIBLE FROM A PUBLIC ROADWAY. THE SIGN MUST IDENTIFY THE FOLLOWING: (1) CONSTRUCTION SITE, (2) THE PERMITTEE(S), (3) THE CONTACT PERSON(S) AND TELEPHONE NUMBER(S), AND (4) THE PERMITTEE-HOSTED WEBSITE WHERE THE PLAN CAN BE VIEWED MUST BE PROVIDED ON THE SUBMITTED NOI. THE SIGN MUST REMAIN ON SITE AND THE PLAN MUST BE AVAILABLE ON THE PROVIDED WEBSITE UNTIL A NOT HAS BEEN SUBMITTED.

h) REDUCE THE TOTAL PLANNED SITE DISTURBANCE TO LESS THAN 50% IMPERVIOUS SURFACES (EXCLUDING ANY STATE-MANDATED BUFFER AREAS FROM SUCH CALCULATIONS). ALL CALCULATIONS MUST BE INCLUDED ON THE PLAN.

i) LIMIT THE AMOUNT OF DISTURBED AREA AT ANY ONE TIME TO NO GREATER THAN 25 ACRES OR 50% OF THE TOTAL PLANNED SITE, WHICHEVER IS LESS. ALL CALCULATIONS MUST BE INCLUDED ON THE PLAN.

m) USE APPROPRIATE EROSION CONTROL SLOPE STABILIZATION INSTEAD OF CONCRETE IN ALL CONSTRUCTION STORM WATER DITCHES AND STORM DRAINAGES DESIGNED FOR A 25 YEAR, 24 HOUR RAINFALL EVENT.

NOTE: BEST MANAGEMENT PRACTICES DICTATED TO SATISFY THE REQUIREMENTS OF IMPAIRED STREAM SEGMENTS ARE MORE STRINGENT THAN THE GENERAL REQUIREMENTS OF THE GAR100002 PERMIT, AND SHALL BE ADHERED TO IN CASE OF DUPLICATE COVERAGE.

RETENTION OF RECORDS

1. THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI:

1) A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD;

2) A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT;

3) THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.S. OF THIS PERMIT;

4) A COPY OF ALL SAMPLING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THIS PERMIT;

5) A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.A. OF THIS PERMIT;

6) A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART III.D.2. OF THIS PERMIT; AND

7) DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.A.(2).OF THIS PERMIT.

CERTIFICATION STATEMENTS

2. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, INSPECTION REPORTS, SAMPLING REPORTS (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDING FOR CONTINUOUS MONITORING INSTRUMENTATION), OR OTHER REPORTS REQUESTED BY THE EPD, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VI OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS OR AT A DESIGNATED ALTERNATIVE LOCATION ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST OF THE EPD AT ANY TIME UPON WRITTEN NOTIFICATION TO THE PERMITTEE.

GSWCC CHECKLIST ITEM # (CHECKLIST ON FOLLOWING SHEET)

24 HOUR CONTACT KEVIN BURKE (404)-477-3637

GSWCC logo and certification information for Luck Watford, Level II Certified Design Professional, Certification Number 000060876, Issued 03/01/2020, Expires 03/01/2023.

Table with 2 columns: Erosion Legend description and corresponding symbol. Rows include Orange Barrier Fence, Silty Fence - Sensitive, Silty Fence - Nonsensitive, and Proposed Site Demolition.

Atlanta BeltLine logo and contact information for Kimley-Horn and Associates, Inc., including address and phone numbers.

R2T logo and contact information for R2T Inc., including address and website.

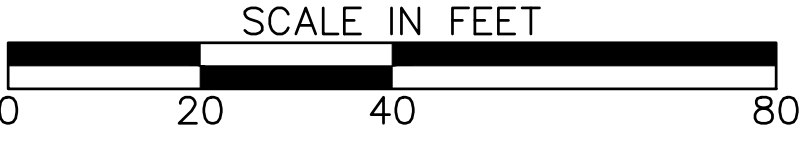


Table with 2 columns: Revision Dates and Description. Header row: REVISION DATES.

ESPC GENERAL NOTES ATLANTA BELTLINE NORTHEAST TRAIL

Table with 2 columns: Checked/Backchecked/Corrected/Verified status and Date. Includes Drawing No. 51-005.

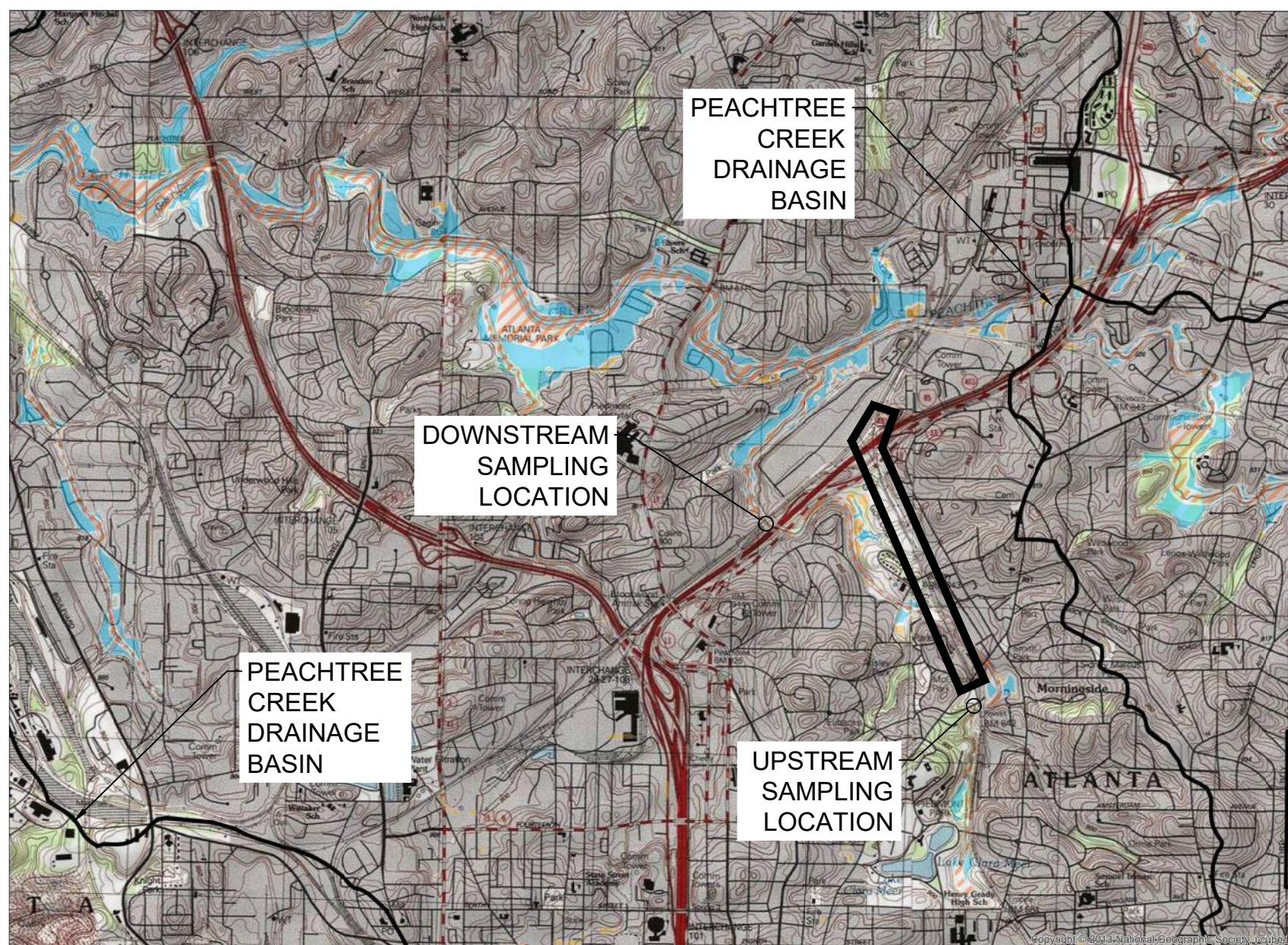
GSWCC CHECKLIST ITEM # (CHECKLIST ON FOLLOWING SHEET)

24 HOUR CONTACT KEVIN BURKE (404)-477-3637

GSWCC logo and Luck Watford, Level II Certified Design Professional, certification details.

SOILS LEGEND table with categories: Ud (Udorthents, 0-10% slopes), Ub (Urban land), ReD (Rion Sandy Loam, 10-15% slopes).

35 43 44



ANTICIPATED BEGINNING OF CONSTRUCTION: FEB. 2022 ANTICIPATED END OF INITIAL CONSTRUCTION: FEB 2028

SCHEDULE OF MAJOR ACTIVITIES table with columns for weeks after beginning construction (Q1-Q6) and rows for various construction phases.

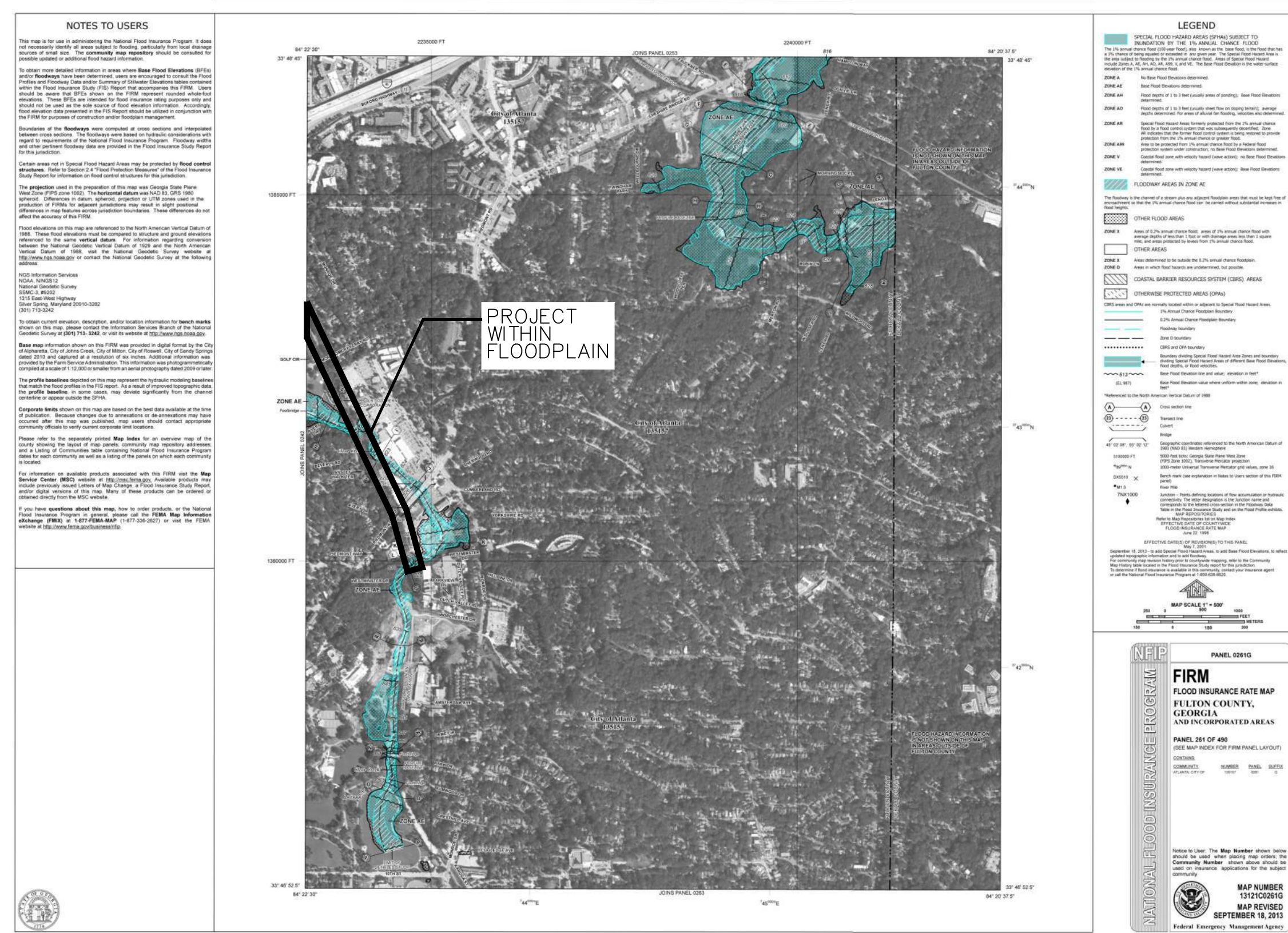
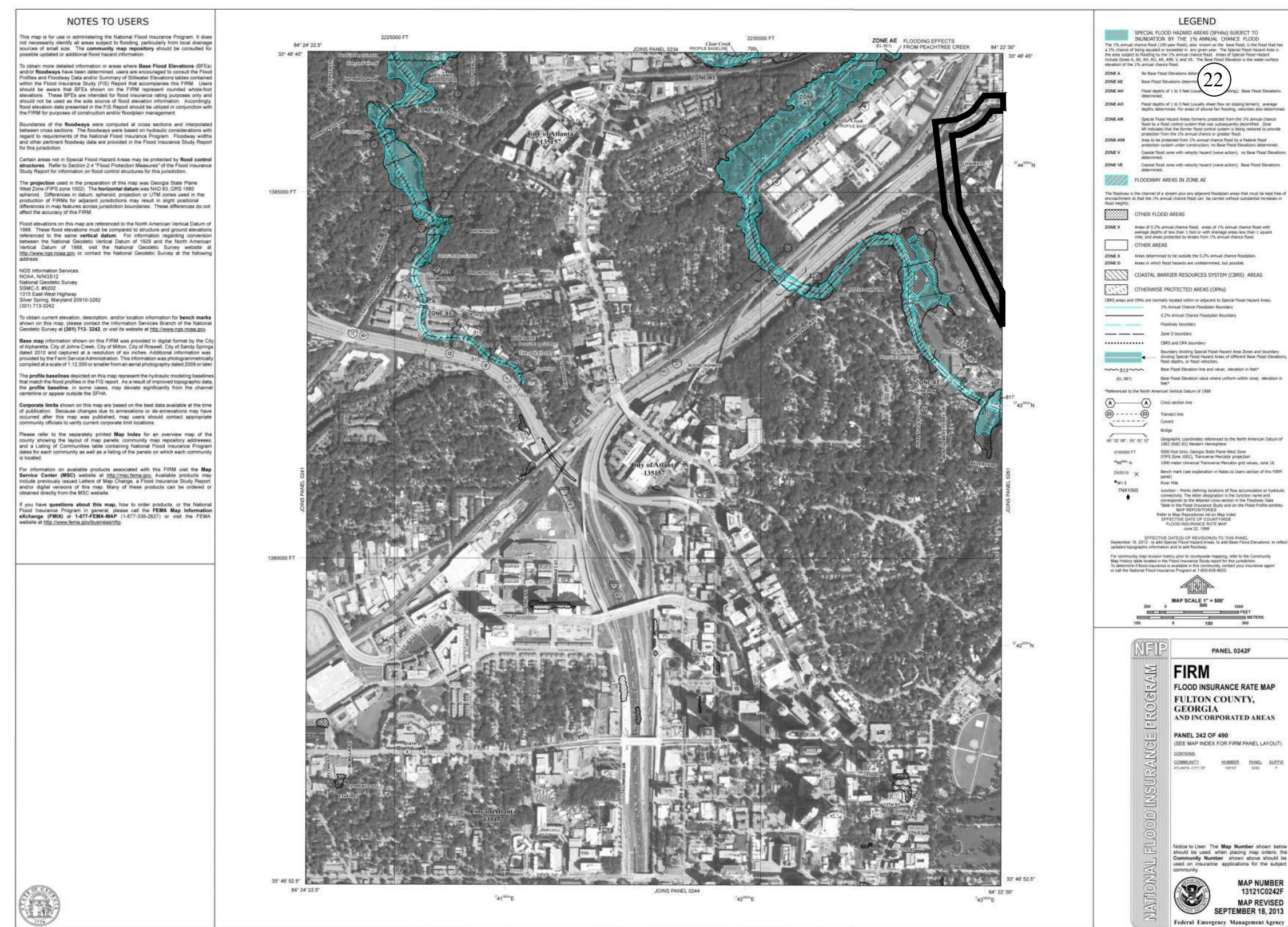
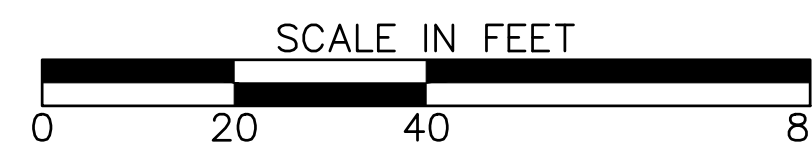
*SEDIMENT AND EROSION CONTROL MEASURES TO BE INSPECTED DAILY. MAINTAIN BMP'S THROUGHOUT LAND DISTURBING ACTIVITIES.

EROSION LEGEND table with symbols for Orange Barrier Fence, Silty Fence (Sensitive/Non-sensitive), and Proposed Site Demolition.

Atlanta BeltLine logo and address: 100 Peachtree Street, NW Suite 2300, Atlanta, GA 30303.

Kimley-Horn logo and address: The Biltmore, Suite 601, 817 West Peachtree Street, NW Atlanta, Georgia 30308.

R2T logo and address: 580 W Crossville Road, Suite 101, Roswell, GA 30075.



APPENDIX 1 THE ES&P PLAN MUST INCLUDE AT LEAST FOUR (4) OF THE FOLLOWING BMPs FOR THOSE AREAS OF THE SITE WHICH DISCHARGE TO AN IMPAIRED STREAM SEGMENT AND FOR SITES WHICH EPD HAS APPROVED IN WRITING A REQUEST TO DISTURB 50 ACRES OR MORE AT ANY ONE TIME.

- List of 20 Best Management Practices (BMPs) for erosion and sediment control, including requirements for buffers, sediment basins, and soil stabilization.

REVISION DATES

Table for revision dates and drawing information, including drawing number 51-006.

ESPC GENERAL NOTES ATLANTA BELTLINE NORTHEAST TRAIL

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 	
	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 	
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 	
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 	

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 	
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 	
		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 	

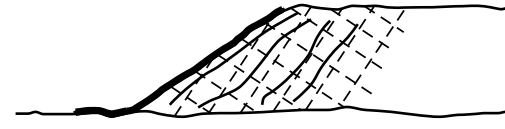
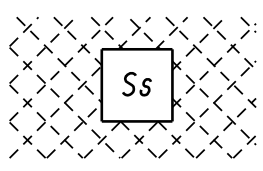
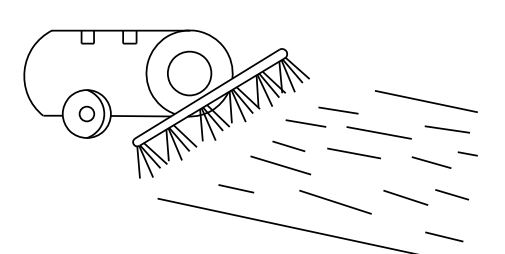
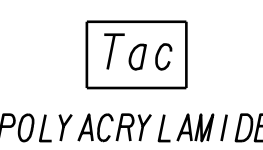
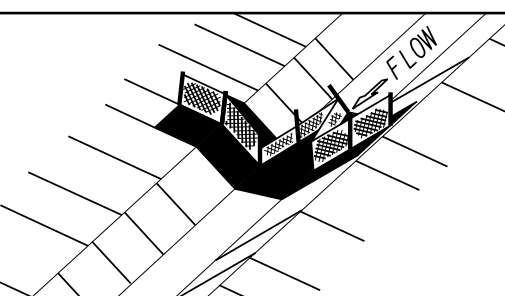
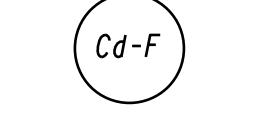
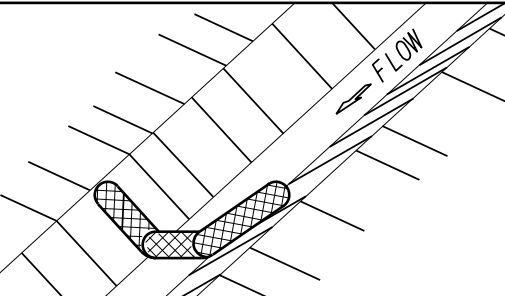
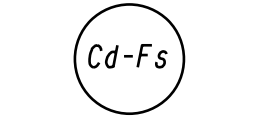
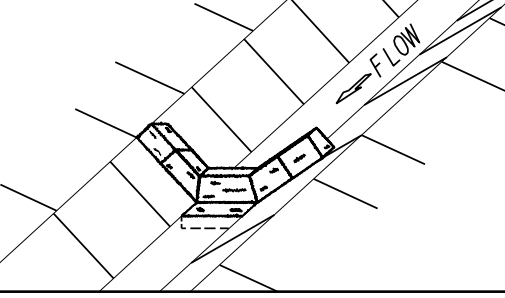
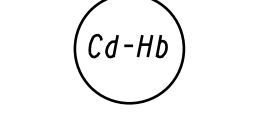
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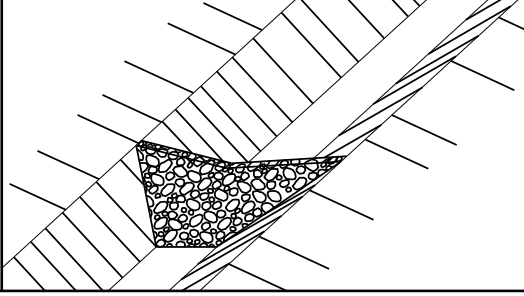
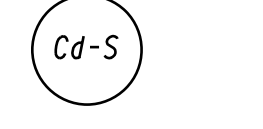
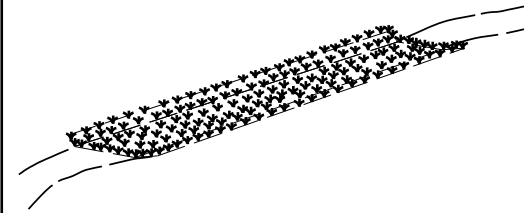
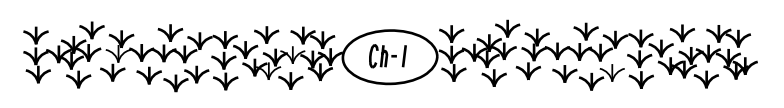
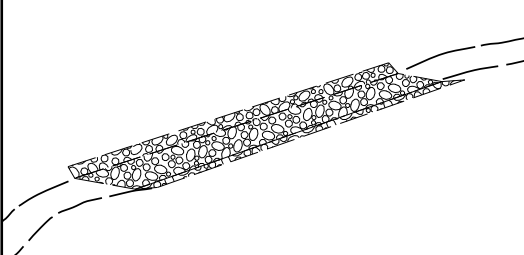

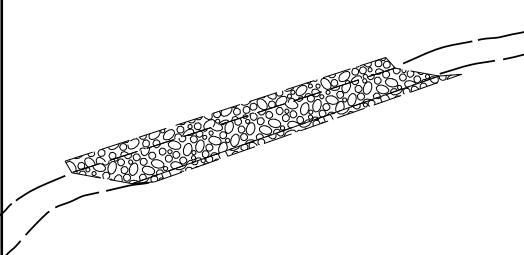

- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S,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



NO SCALE

REVISION DATES		EROSION CONTROL LEGEND	
3/2/2017		UNIFORM CODE SHEET	
		SHEET 1 OF 7	
CHECKED:	D. EAGLETON	DATE:	01/01/16
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
		DRAWING No. 52-0001	

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 	
Toc	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 	
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 SPLASH PAD. 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-1	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 	

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".



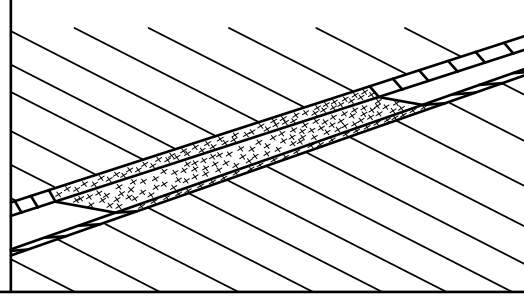
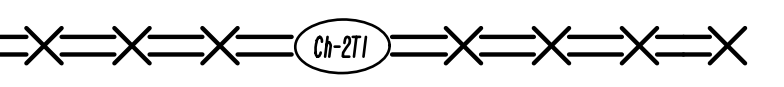
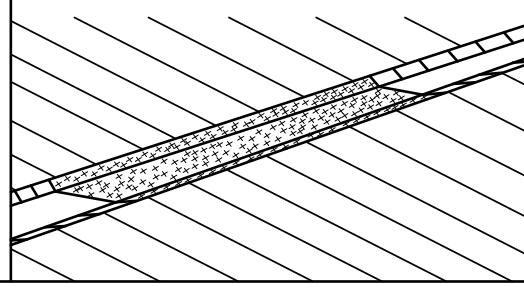
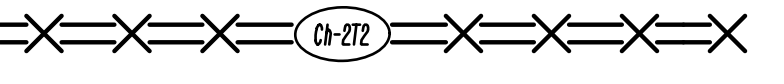
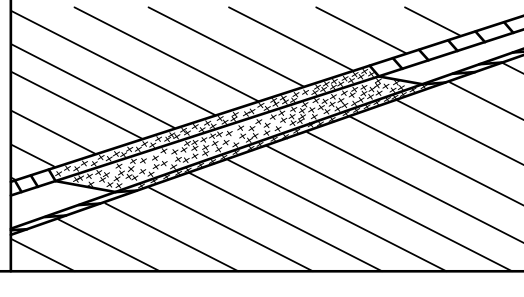

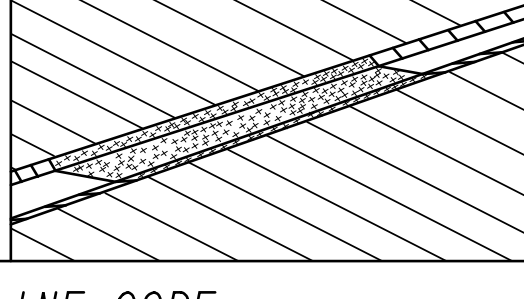
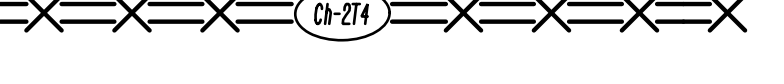
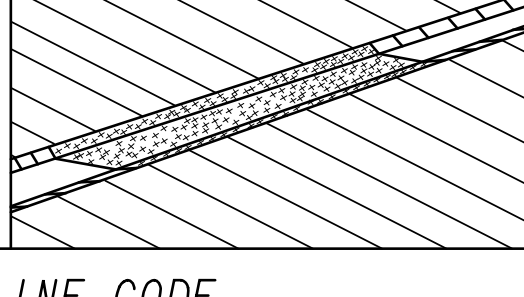
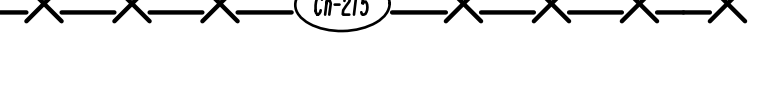
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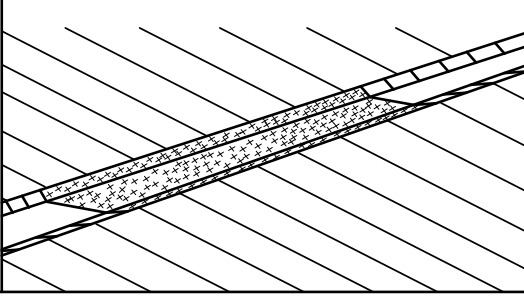
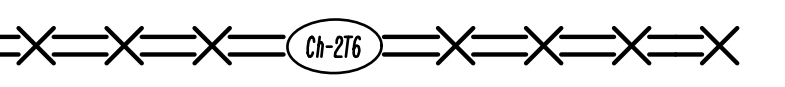
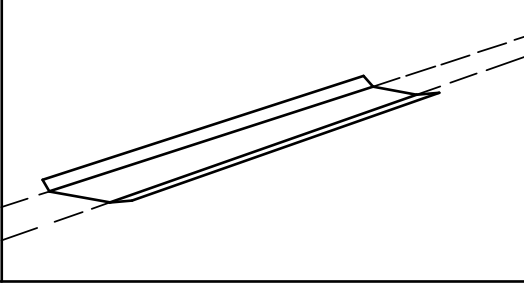
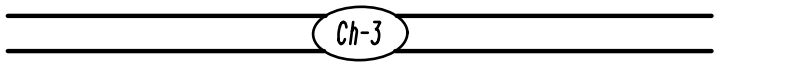
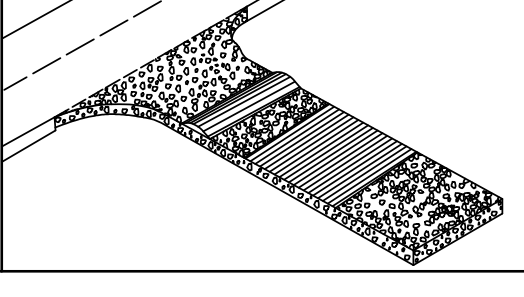
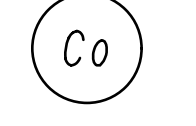
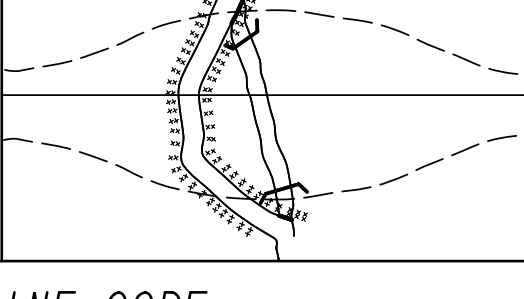
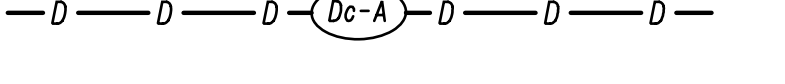
REVISION DATES

DATE	DESCRIPTION
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:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	52-0002

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ch-271	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. *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-272	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. *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-273	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. *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-274	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. *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-275	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. *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		

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
Ch-276	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. *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-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. *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.
	LINE CODE		
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. ALL CONSTRUCTION EXIT REQUIREMENTS ARE INCLUDED IN THE PRICE OF THE CONSTRUCTION EXIT.
	SYMBOL		
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. THE DRAINAGE AREA SHALL BE NOT GREATER THAN 1 SQUARE MILE. CONSTRUCTION OF THE DIVERSION CHANNEL IS INCLUDED IN THE COST OF THE STRUCTURE.
	LINE CODE		

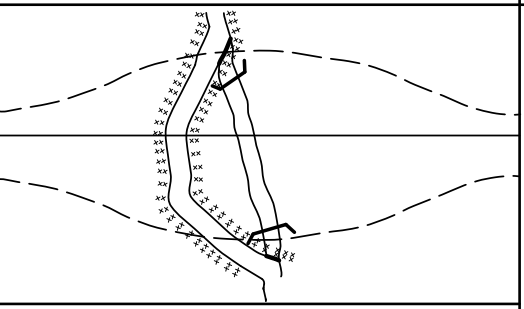
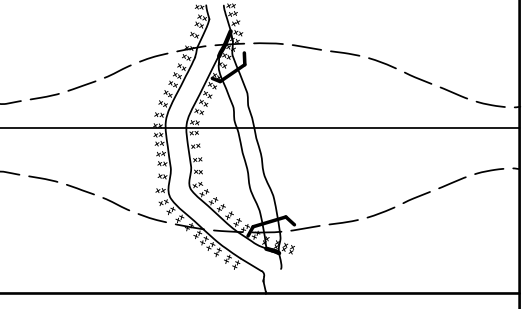
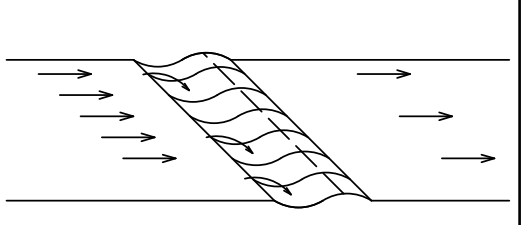
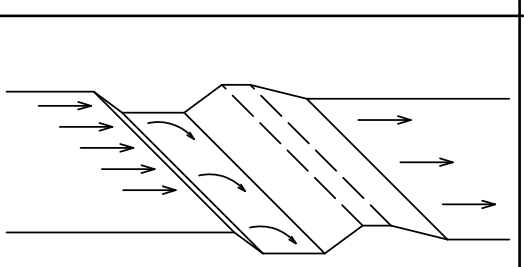
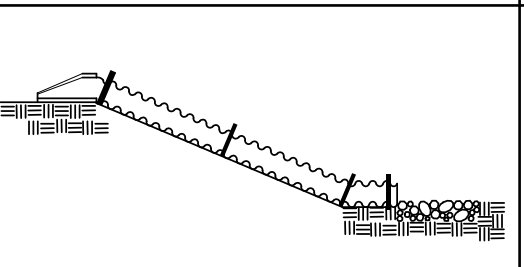
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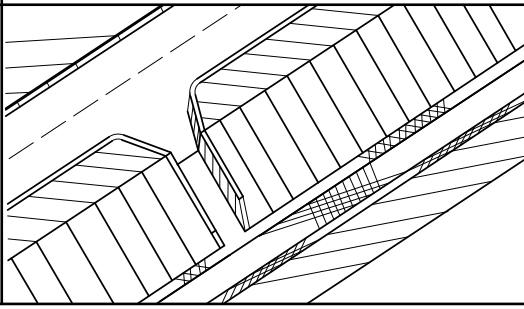
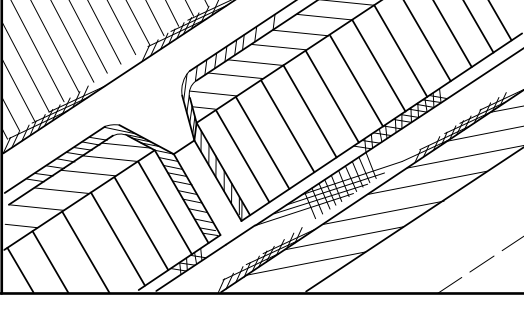
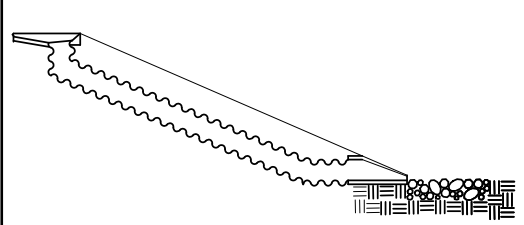
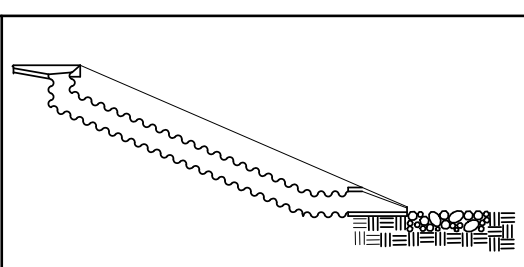
- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
- FOR ADDITIONAL INFORMATION ON THE DESIGN AND APPLICATION OF EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES (BMPs), REFER TO THE LATEST EDITION OF THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION'S,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



NO SCALE

REVISION DATES		EROSION CONTROL LEGEND	
3/2/2017		UNIFORM CODE SHEET	
		SHEET 3 OF 7	
CHECKED:	D. EAGLETON	DATE:	01/01/16
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
		DRAWING No. 52-0003	

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. 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.
	LINE CODE		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		

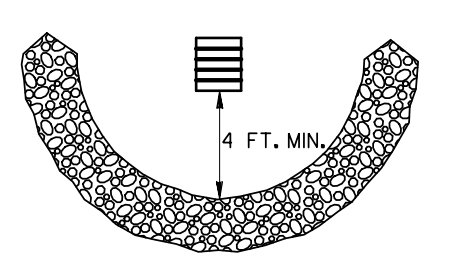

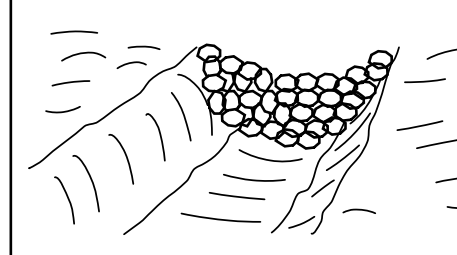
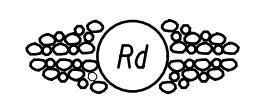
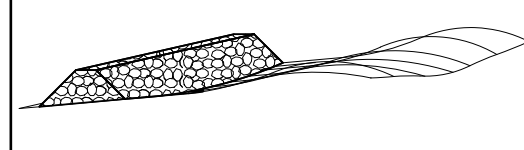

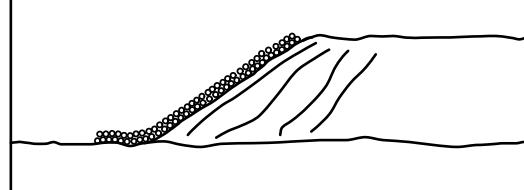
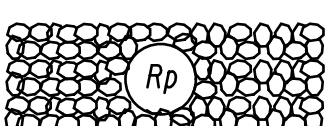
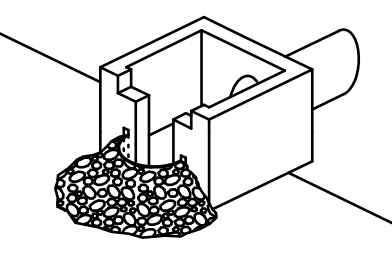

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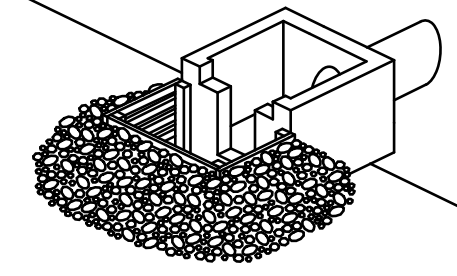
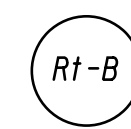
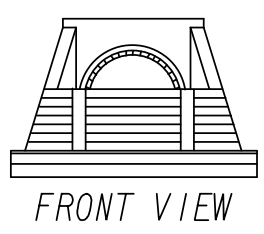

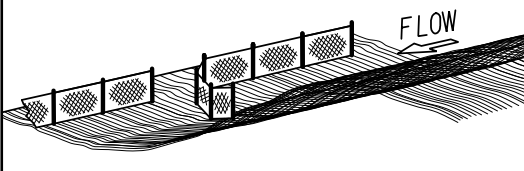

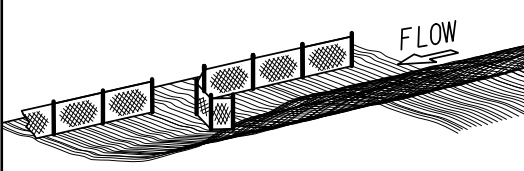

- DO NOT USE EROSION CONTROL ITEMS IN A FLOWING STREAM OR IN A TIDAL AREA BELOW HIGH TIDE.
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NO SCALE

REVISION DATES		EROSION CONTROL LEGEND	
3/2/2017		UNIFORM CODE SHEET	
		SHEET 4 OF 7	
CHECKED:	D. EAGLETON	DATE:	01/01/16
BACKCHECKED:		DATE:	
CORRECTED:		DATE:	
VERIFIED:		DATE:	
		DRAWING No. 52-0004	

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.
	SYMBOL 		ROCK FILTER DAMS SHOULD BE USED IN DITCHES PRIOR TO DISCHARGING INTO STREAMS, WETLANDS, OPEN-WATERS, OR OTHER ESAs.
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-Sg1	RETROFITTING SILT CONTROL GATES CONSTRUCTION DETAIL D-20 SECTION 163		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	SYMBOL		
Rt-Sg3			
Sd1-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 		
Sd1-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 		

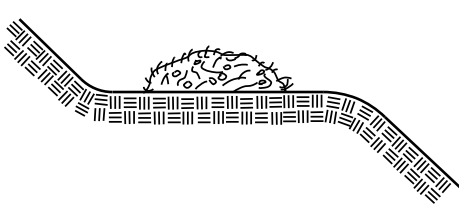
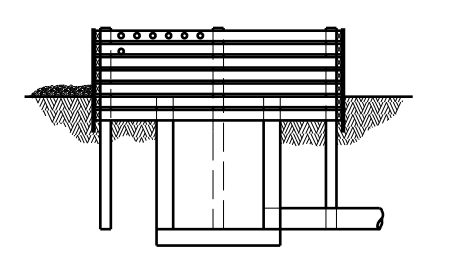
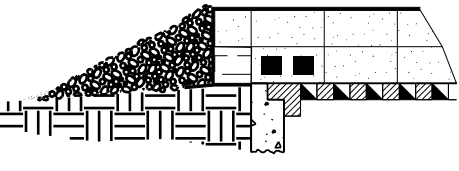
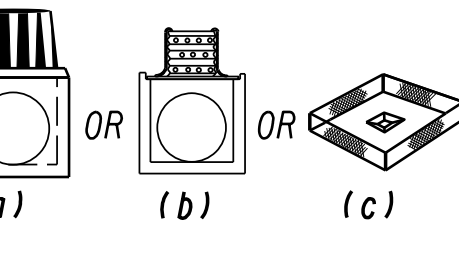
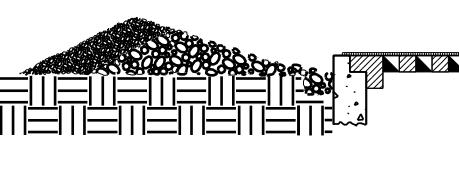
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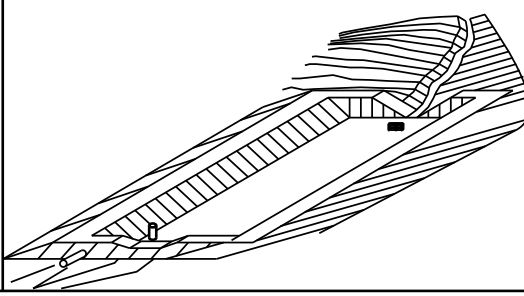
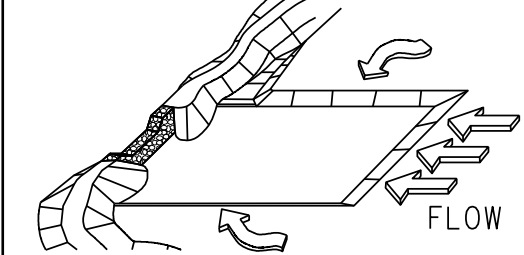
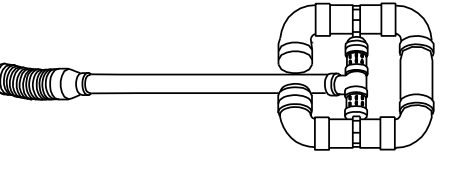
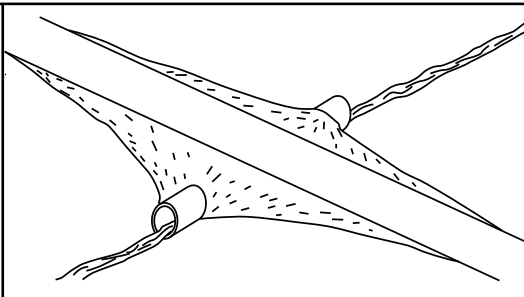
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NO SCALE

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

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		(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. 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.
	SYMBOL Sd3		
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. 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.
	SYMBOL Sd4-C		
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. 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.
	SYMBOL Sk		
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. 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!
	SYMBOL Sr		

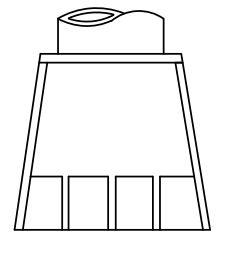

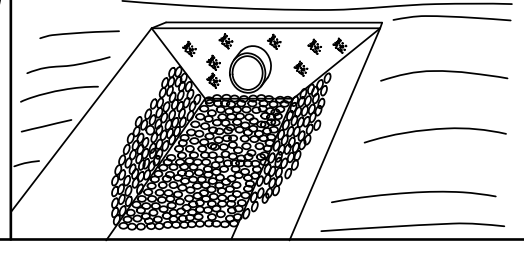
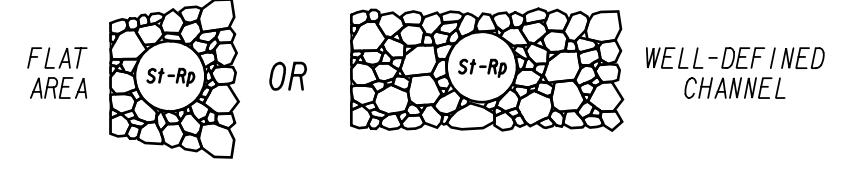
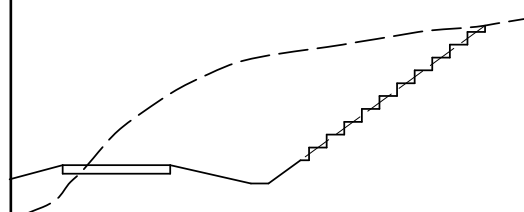
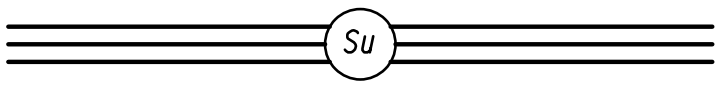
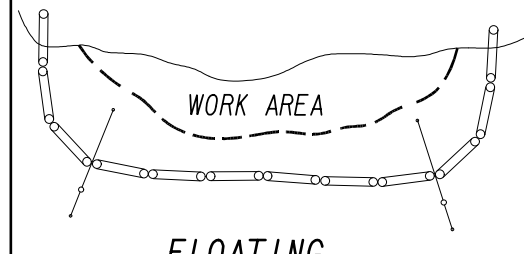

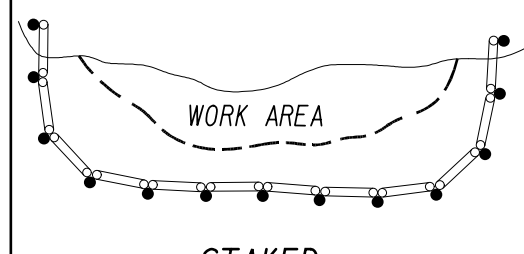

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NO SCALE

REVISION DATES		EROSION CONTROL LEGEND	
3/2/2017		UNIFORM CODE SHEET SHEET 6 OF 7	
11/28/2018			
CHECKED:	D. EAGLETON	DATE:	01/01/16
BACKCHECKED:		DATE:	
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VERIFIED:		DATE:	
			DRAWING No. 52-0006

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION
St	STORM DRAIN OUTLET PROTECTION GA. STD. 1125 & 2332		A PIPE OR BOX CULVERT OUTLET HEADWALL WITH AN APRON AND DISSIPATOR BLOCKS IS USED TO REDUCE VELOCITY AT THE OUTLET OF A PIPE PRIOR TO ENTERING AN EXISTING STREAM OR PUBLICLY MAINTAINED DRAINAGE SYSTEM. IT IS USED ON THE OUTLET OF ALL BOX CULVERTS AND ON 48" AND LARGER PIPES. MAY BE USED ON INLET FOR FLOWING STREAMS. USE ON SMALL PIPES WHEN OUTLET VELOCITY OF THE 25-YEAR STORM IS 12 fps AND GREATER.
	SYMBOL 		
St-Rp	STORM DRAIN OUTLET PROTECTION (RIP-RAP) CONSTRUCTION DETAIL D-55 SECTION 603		RIP-RAP OUTLET PROTECTION IS USED TO REDUCE VELOCITY AT THE OUTLET OF A PIPE, CHANNEL, OR STRUCTURE PRIOR TO ENTERING AN EXISTING STREAM OR PUBLICLY MAINTAINED DRAINAGE SYSTEM. THE MINIMUM DESIGN OF RIP-RAP OUTLET PROTECTION SHALL BE THE 25-YEAR STORM PEAK FLOW, BUT LARGER STORMS ARE RECOMMENDED. TYPE-1 RIP-RAP AT A DEPTH OF 36" AND PLACED ON FILTER FABRIC IS PREFERRED FOR ALL $d_{50} < /> 1.2$ FEET. TYPE-3 RIP-RAP AT A DEPTH OF 18" AND PLACED ON FILTER FABRIC MAY BE USED FOR $d_{50} < /> 0.7$ FEET.
	PATTERN 		REFER TO THE LATEST EDITION OF THE 'MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA' FOR REQUIRED DESIGN DIMENSIONS AND OTHER INFORMATION TO BE INCLUDED IN THE PLANS.
Su	SURFACE ROUGHENING SERRATED SLOPES CONSTRUCTION DETAIL S-7 SECTION 205		PROVIDING A ROUGH SOIL SURFACE WITH HORIZONTAL DEPRESSIONS, BY OPERATING A CLEATED DOZER ON THE SLOPE IN A VERTICAL DIRECTION. CREATING SERRATED SLOPES IN THE GRADING PROCESS TO CONSTRUCT BENCHES WILL REDUCE RUNOFF VELOCITY AND INCREASE INFILTRATION OF WATER. IN MOST CASES THIS BMP IS NOT REQUIRED TO BE SHOWN ON THE PLANS, BUT REQUIRED TO BE COMPLETED BY THE CONTRACTOR UNDER ALL PROJECTS. IF SERRATED SLOPES ARE SPECIFIED BY THE SOIL SURVEY, THEN THIS BMP SHALL BE SHOWN ON THE PLANS WHERE SERRATED SLOPES ARE TO BE USED.
	LINE CODE 		
Tc-F	TURBIDITY CURTAIN FLOATING CONSTRUCTION DETAIL D-51 SECTION 170		A FLOATING TURBIDITY CURTAIN IS USED TO PREVENT SEDIMENT FROM MOVING IN WATER BY ALLOWING IT TO DROP OUT OF SUSPENSION AND REMAIN WITHIN THE CONSTRUCTION AREA. IT IS TYPICALLY USED WHERE CONSTRUCTION IS REQUIRED IN A LARGE BODY OF WATER SUCH AS LAKES AND RIVERS. IT SHOULD BE USED AS DIRECTED BY THE ENGINEER. THIS BMP IS ONLY TO BE USED WHEN PERMITTED FILL IS BEING PLACED INTO A STATE WATER, OR AS A SUPPLEMENT TO ADEQUATELY PLACED PERIMETER BMPs. IT MAY ALSO BE REFERRED TO AS A FLOATING BOOM, SILT BARRIER, OR SILT CURTAIN.
	LINE CODE 		
Tc-S	TURBIDITY CURTAIN STAKED CONSTRUCTION DETAIL D-51 SECTION 170		A STAKED TURBIDITY CURTAIN IS USED TO PREVENT SEDIMENT FROM MOVING IN WATER BY ALLOWING IT TO DROP OUT OF SUSPENSION AND REMAIN WITHIN THE CONSTRUCTION AREA. IT IS TYPICALLY USED IN SHALLOW INUNDATED AREAS. IT MAY BE USED TO PROTECT A SMALL STREAM BEING REALIGNED OR RESTORED. IN THIS CASE, CURTAIN SHOULD EXTEND TO BOTTOM OF STREAMBED. THE HEIGHT SHOULD BE LIMITED TO 5 FEET UNLESS DIRECTED AND EXTEND 2 FEET ABOVE NORMAL WATER ELEVATION. IT SHOULD BE USED AS DIRECTED BY THE ENGINEER. THIS BMP IS ONLY TO BE USED WHEN PERMITTED FILL IS BEING PLACED INTO A STATE WATER, OR AS A SUPPLEMENT TO ADEQUATELY PLACED PERIMETER BMPs. IT MAY BE REFERRED TO AS A SILT BARRIER OR SILT CURTAIN.
	LINE CODE 		

CODE	PRACTICE STD OR DETAIL SPEC. SECT.	DETAIL	DESCRIPTION

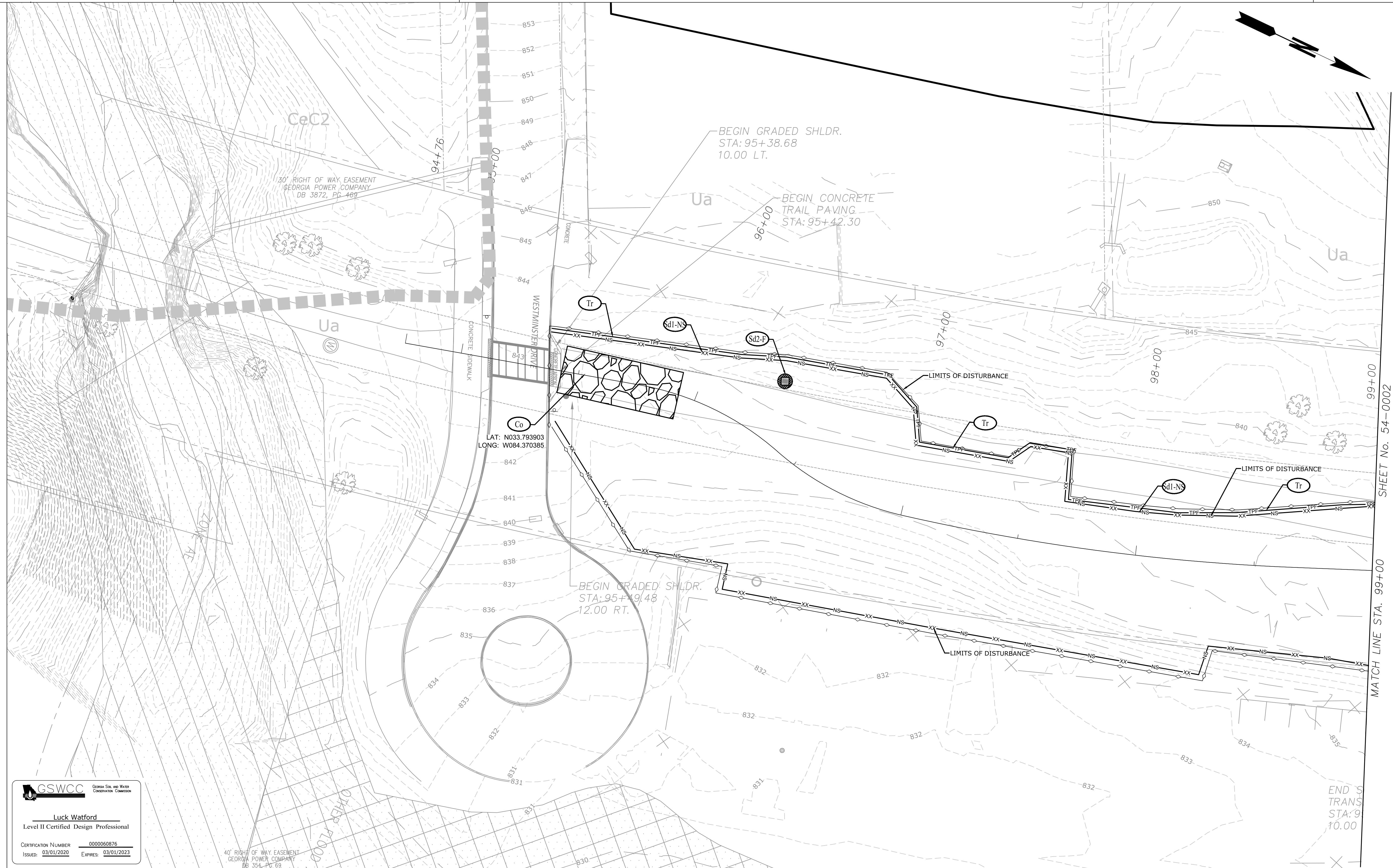
NOTE:

- 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'.



NO SCALE

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



SHEET No. 54-0002
MATCH LINE STA. 99+00

END S
TRANS
STA: 9
10.00

GSWCC Georgia Soil and Water Conservation Commission

Luck Watford
Level II Certified Design Professional

CERTIFICATION NUMBER 0000060876
ISSUED: 03/01/2020 EXPIRES: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine

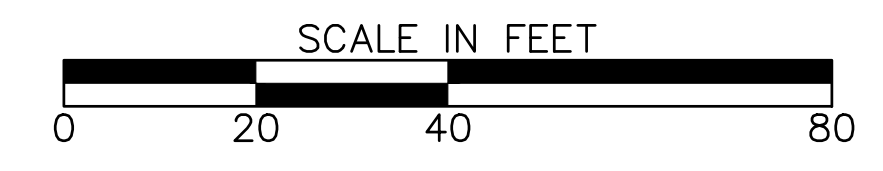
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

Kimley»Horn

KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

R2T
RIVER TO TAP

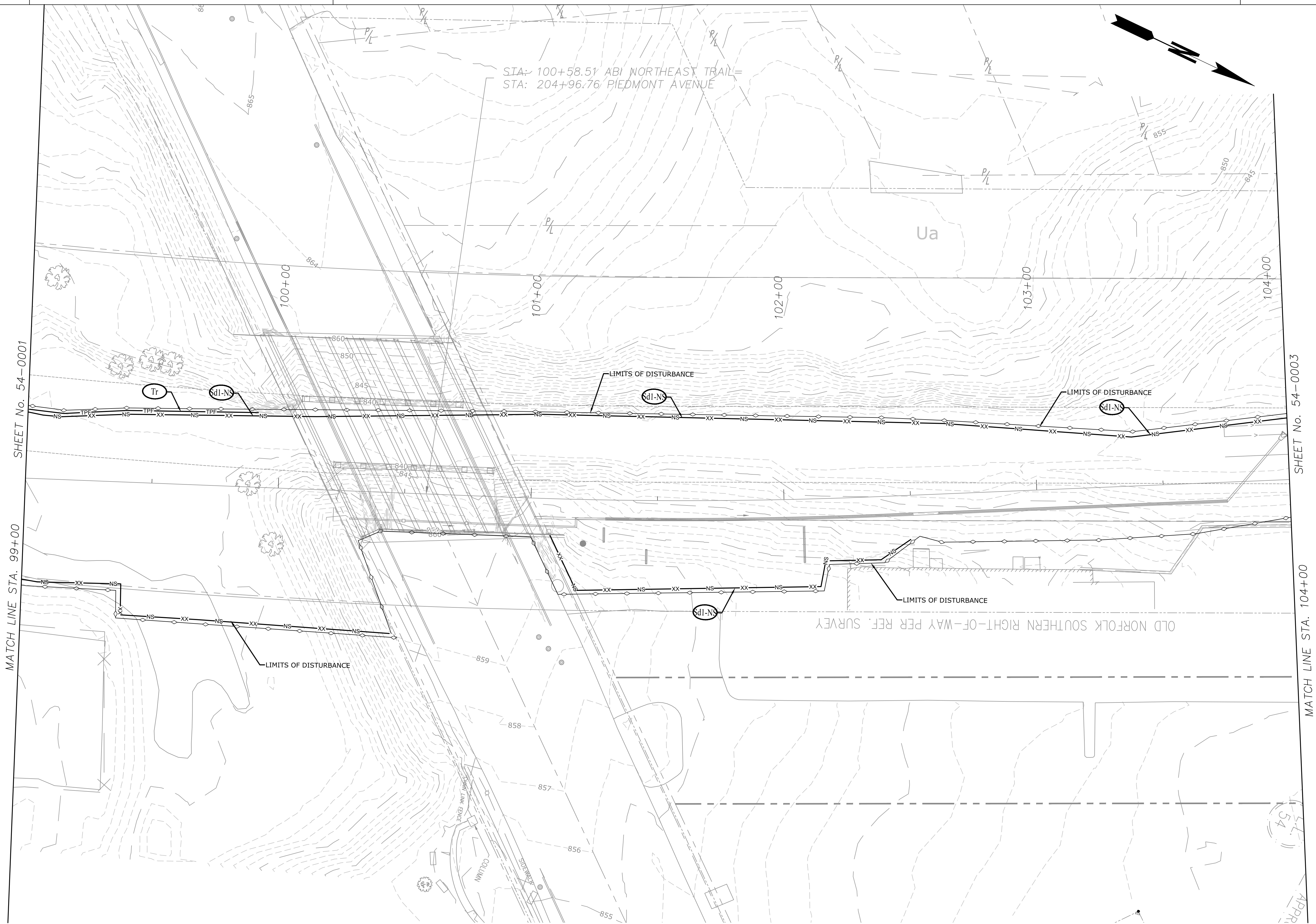
580 W Crossville Road
Suite 101
Roswell, GA 30075
PHONE: (770) 569-7038
WWW.R2TINC.COM



REVISION DATES	

ATLANTA BELTLINE NORTHEAST TRAIL
STAGE 1

CHECKED:	DATE:	DRAWING No. 54-0001
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



SHEET No. 54-0001

SHEET No. 54-0003

MATCH LINE STA. 99+00

MATCH LINE STA. 104+00

GSWCC Georgia Soil and Water Conservation Commission

Luck Watford
Level II Certified Design Professional

CERTIFICATION NUMBER: 0000060876
ISSUED: 03/01/2020 EXPIRES: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine

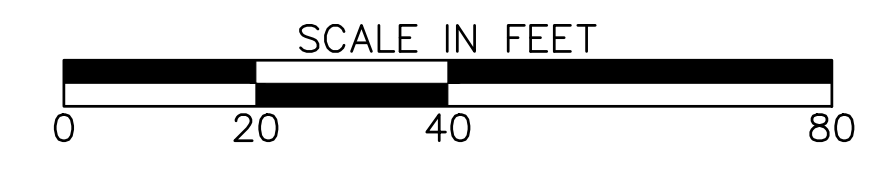
ATLANTA BELTLINE, INC.
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ATLANTA, GA 30303
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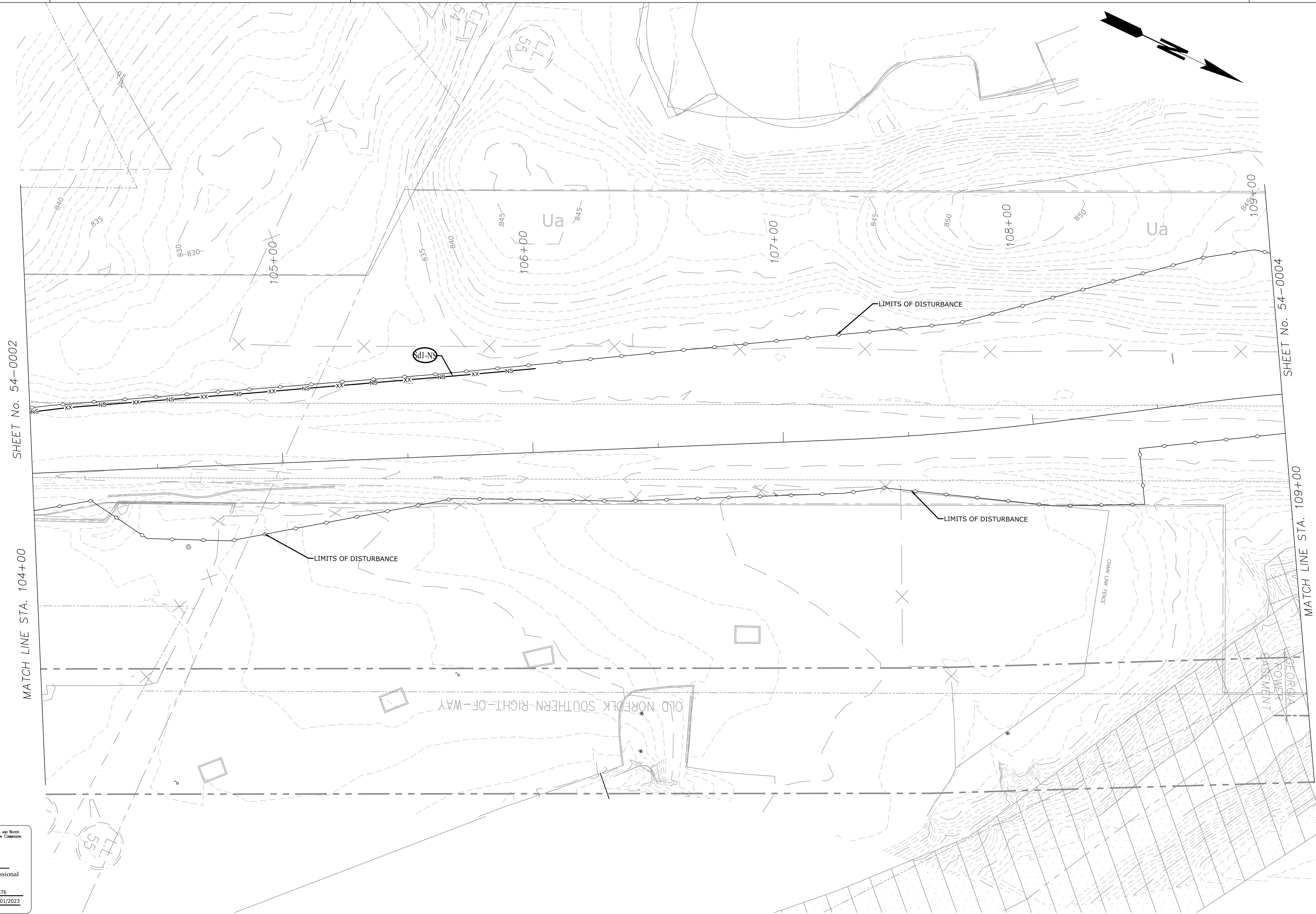
580 W Crossville Road
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REVISION DATES	

ATLANTA BELTLINE NORTHEAST TRAIL
STAGE 1

CHECKED:	DATE:	DRAWING No. 54-0002
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



SHEET No. 54-0002

MATCH LINE STA. 104+00

SHEET No. 54-0004

MATCH LINE STA. 109+00

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CERTIFICATION NUMBER: 0000060876
ISSUED: 03/01/2020 EXPIRES: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine

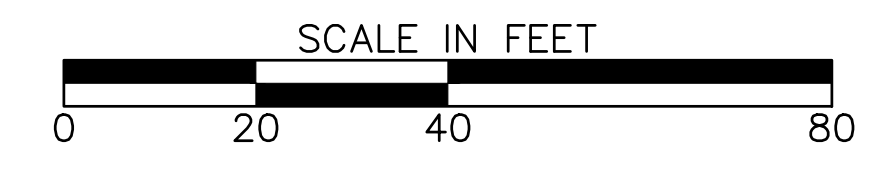
ATLANTA BELTLINE, INC.
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SUITE 2300
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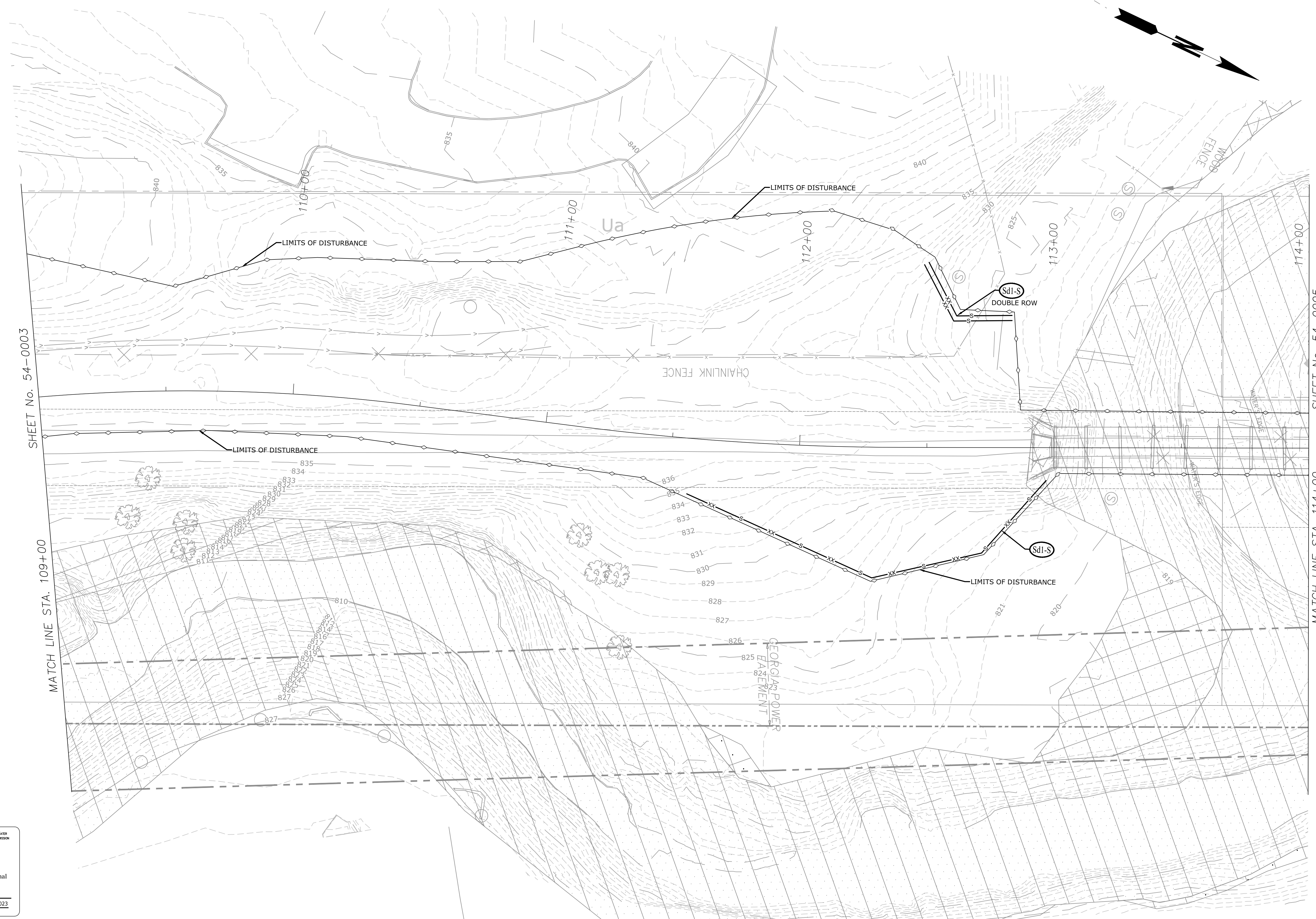


REVISION DATES		

ATLANTA BELTLINE NORTHEAST TRAIL
STAGE 1

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

DRAWING No.
54-0003



SHEET No. 54-0003

MATCH LINE STA. 109+00

SHEET No. 54-0005

MATCH LINE STA. 114+00

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CERTIFICATION NUMBER: 000060876
ISSUED: 03/01/2020 EXPIRES: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine

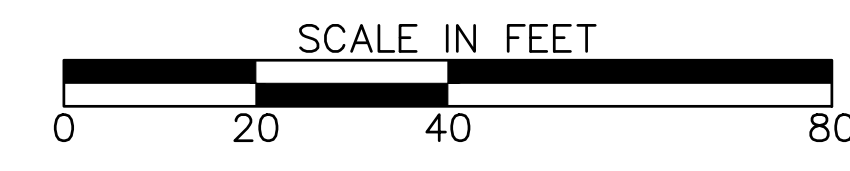
ATLANTA BELTLINE, INC.
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SUITE 2300
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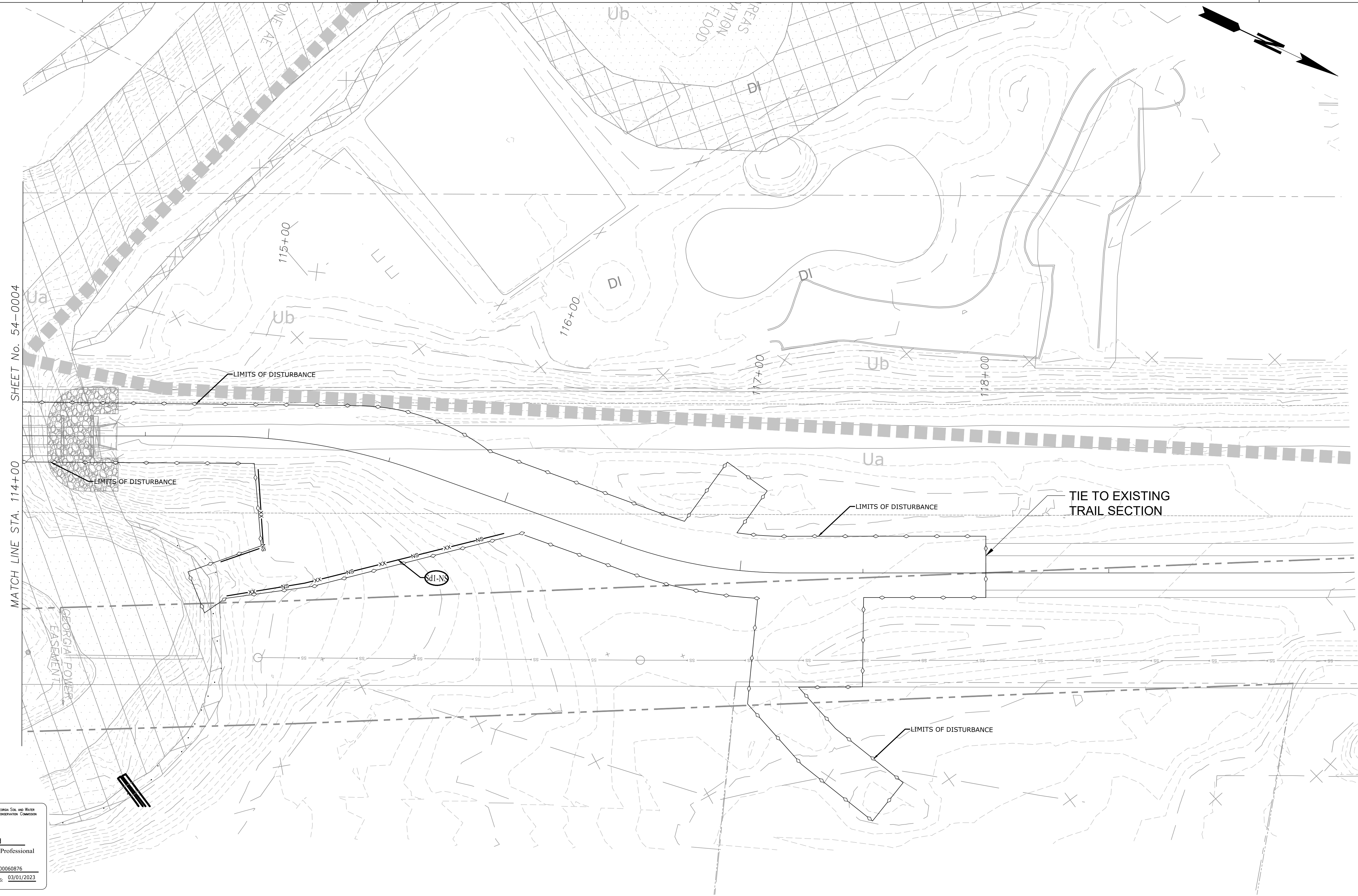
580 W Crossville Road
Suite 101
Roswell, GA 30075
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REVISION DATES	

ATLANTA BELTLINE NORTHEAST TRAIL
STAGE 1

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



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EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine

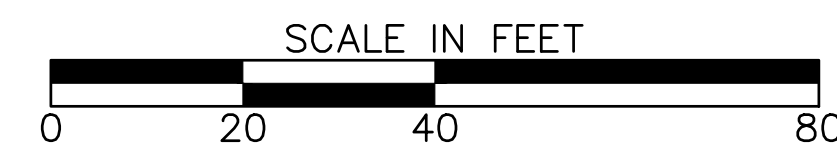
ATLANTA BELTLINE, INC.
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REVISION DATES		

ATLANTA BELTLINE NORTHEAST TRAIL
STAGE 1

CHECKED:	DATE:	DRAWING No. 54-0005
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



SHEET No. 54-0012
MATCH LINE STA. 150+00

GSWCC Georgia Soil and Water Conservation Commission

Luck Watford
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CERTIFICATION NUMBER: 0000060876
ISSUED: 03/01/2020 EXPIRES: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine

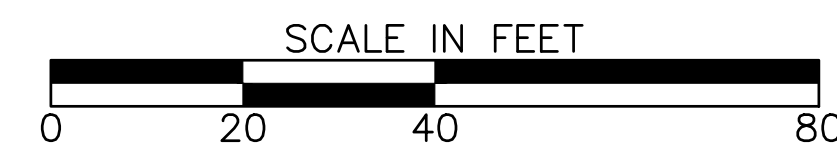
ATLANTA BELTLINE, INC.
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SUITE 2300
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RIVER TO TAP

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REVISION DATES		

ATLANTA BELTLINE NORTHEAST TRAIL
STAGE 1

CHECKED:	DATE:	DRAWING No. 54-0011
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



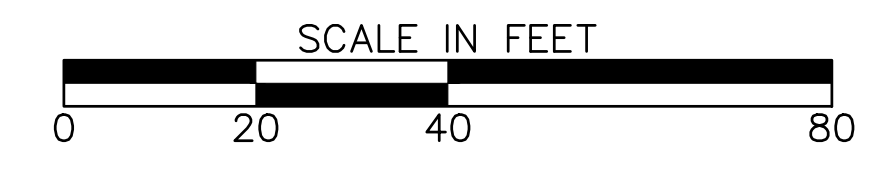
GSWCC Georgia State and Water Conservation Commission
Luck Watford
 Level II Certified Design Professional
 Certification Number: 0000060876
 Issued: 03/01/2020 Expires: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine
 ATLANTA BELTLINE, INC.
 100 PEACHTREE STREET, NW
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 ATLANTA, GA 30303
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 THE BILTMORE, SUITE 601
 817 WEST PEACHTREE STREET, NW
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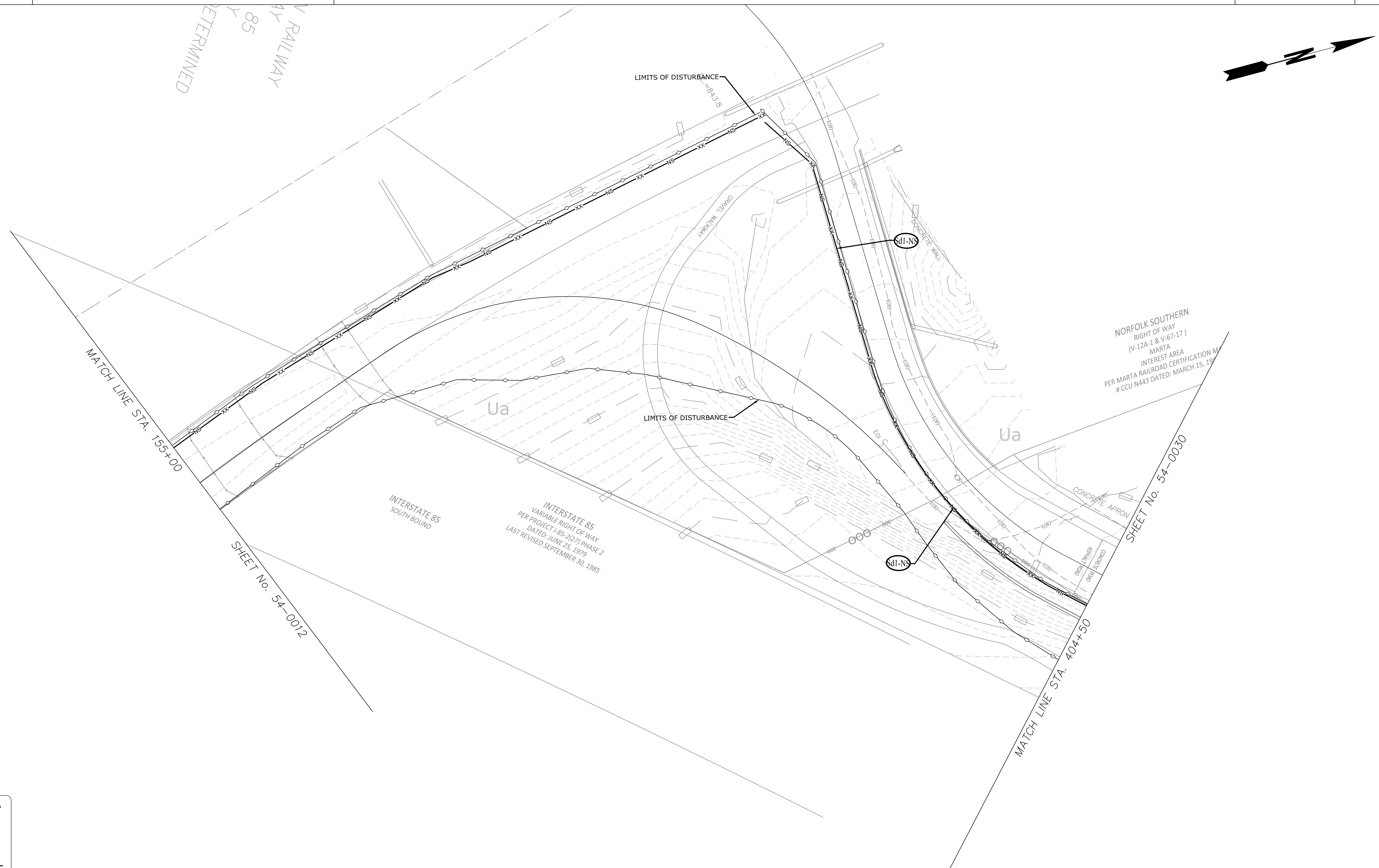
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REVISION DATES		

ATLANTA BELTLINE NORTHEAST TRAIL
 STAGE 1

CHECKED:	DATE:	DRAWING No. 54-0012
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



GSWCC Georgia Soil and Water Conservation Commission

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CERTIFICATION NUMBER: 0000050876
ISSUED: 03/01/2020 EXPIRES: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine

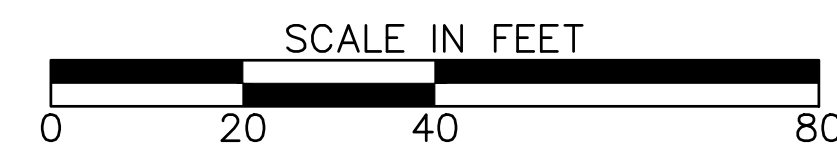
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
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FAX: (404) 477-3606

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Roswell, GA 30075
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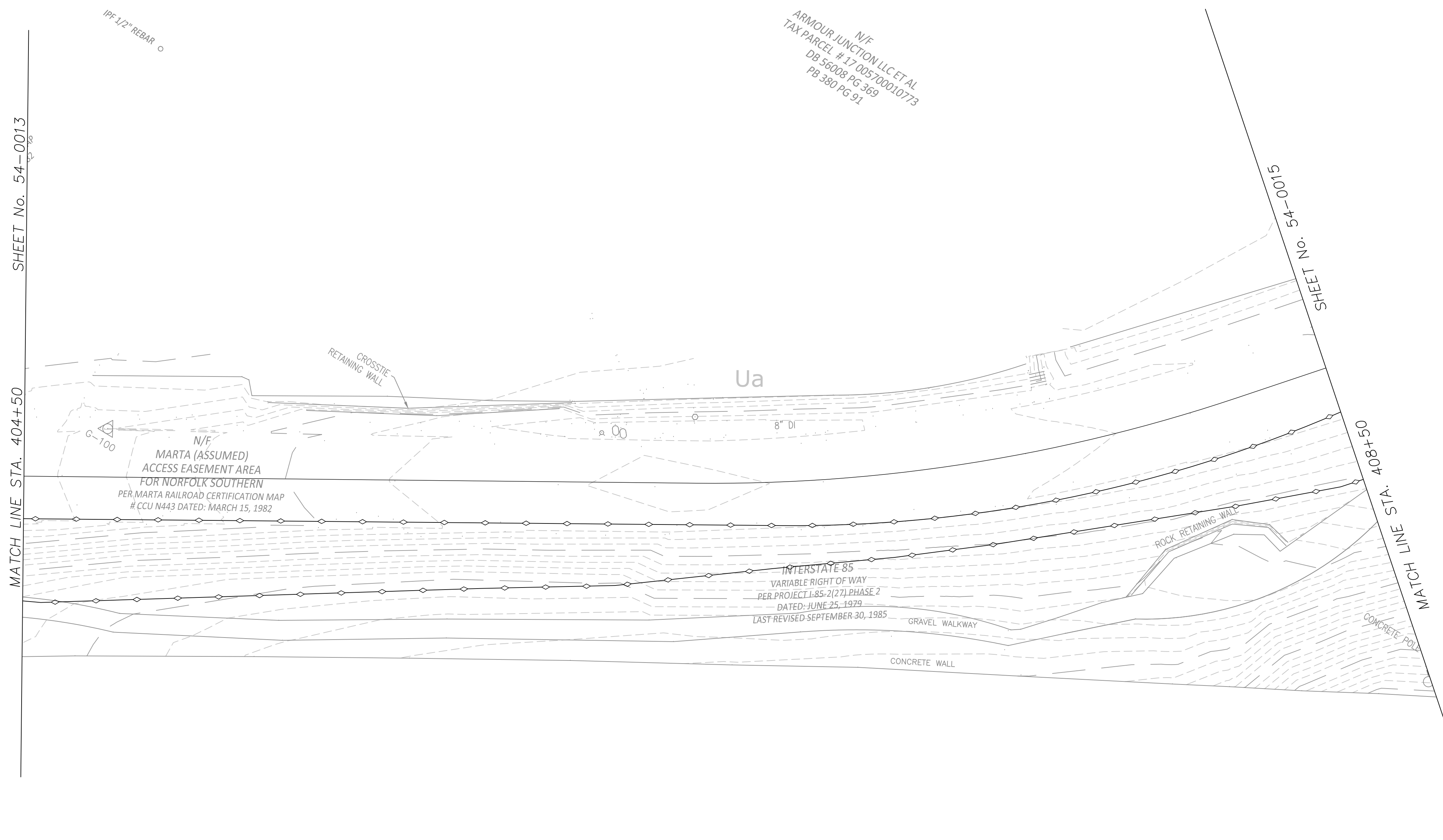
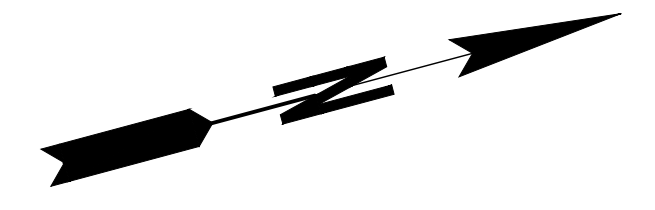


REVISION DATES		

ATLANTA BELTLINE NORTHEAST TRAIL
STAGE 1

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

DRAWING No.
54-0013



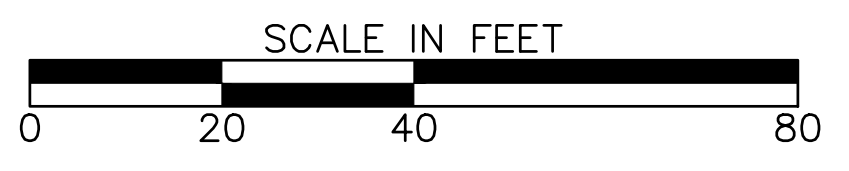
GSWCC Georgia State and Water Conservation Commission
Luck Watford
 Level II Certified Design Professional
 CERTIFICATION NUMBER: 0000050876
 ISSUED: 03/01/2020 EXPIRES: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine
 ATLANTA BELTLINE, INC.
 100 PEACHTREE STREET, NW
 SUITE 2300
 ATLANTA, GA 30303
 TEL: (404) 477-3003
 FAX: (404) 477-3606

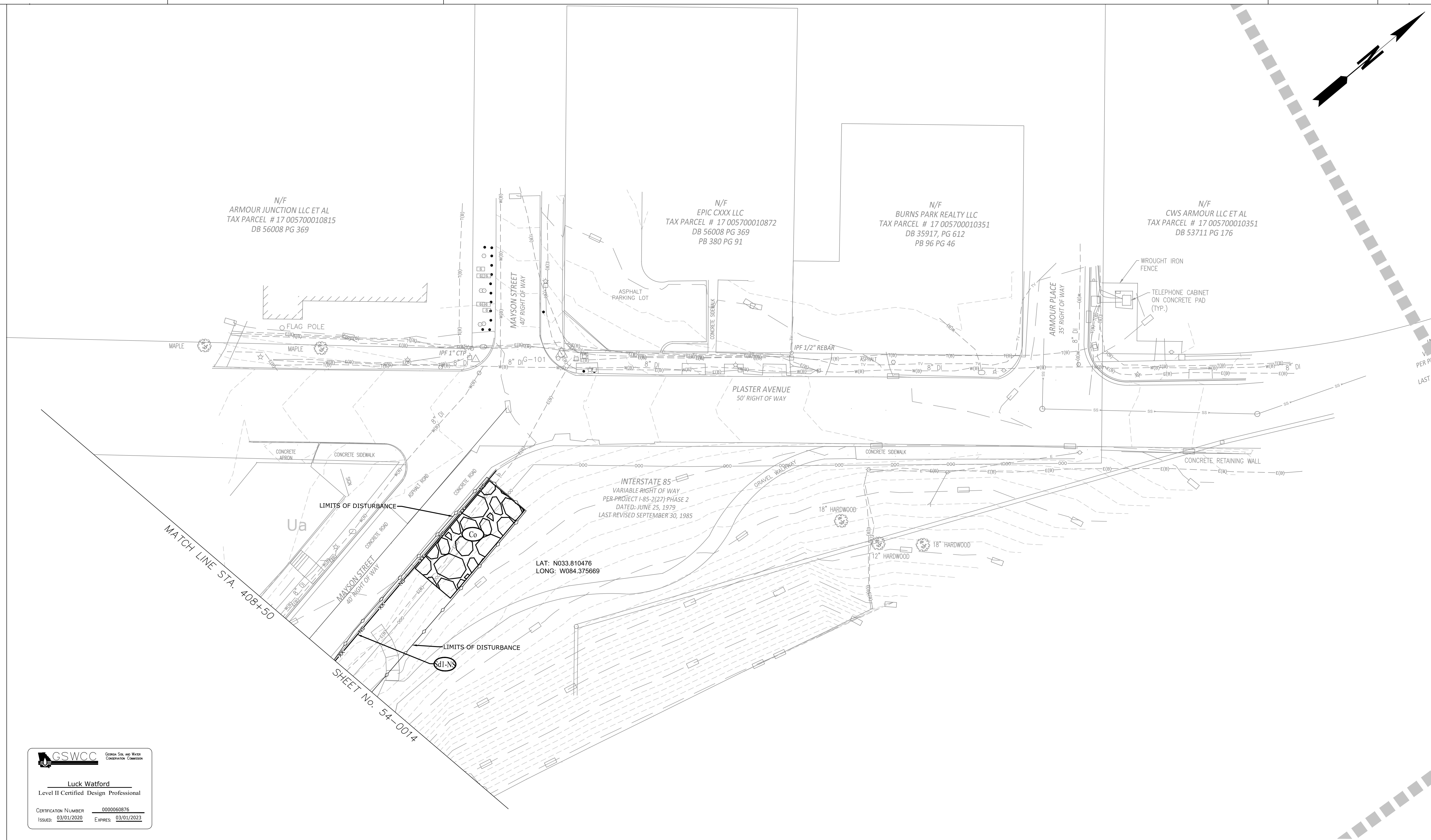
Kimley»Horn
 KIMLEY-HORN AND ASSOCIATES, INC.
 THE BILTMORE, SUITE 601
 817 WEST PEACHTREE STREET, NW
 ATLANTA, GEORGIA 30308
 TEL: (404) 419-8700

R2T
 RIVER TO TAP
 580 W Crossville Road
 Suite 101
 Roswell, GA 30075
 PHONE: (770) 569-7038
 WWW.R2TINC.COM



REVISION DATES		

ATLANTA BELTLINE NORTHEAST TRAIL
 STAGE 1
 CHECKED: _____ DATE: _____
 BACKCHECKED: _____ DATE: _____
 CORRECTED: _____ DATE: _____
 VERIFIED: _____ DATE: _____
 DRAWING No.
54-0014



GSWCC Georgia Soil and Water Conservation Commission

Luck Watford
Level II Certified Design Professional

CERTIFICATION NUMBER: 0000060876
ISSUED: 03/01/2020 EXPIRES: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine

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RIVER TO TAP

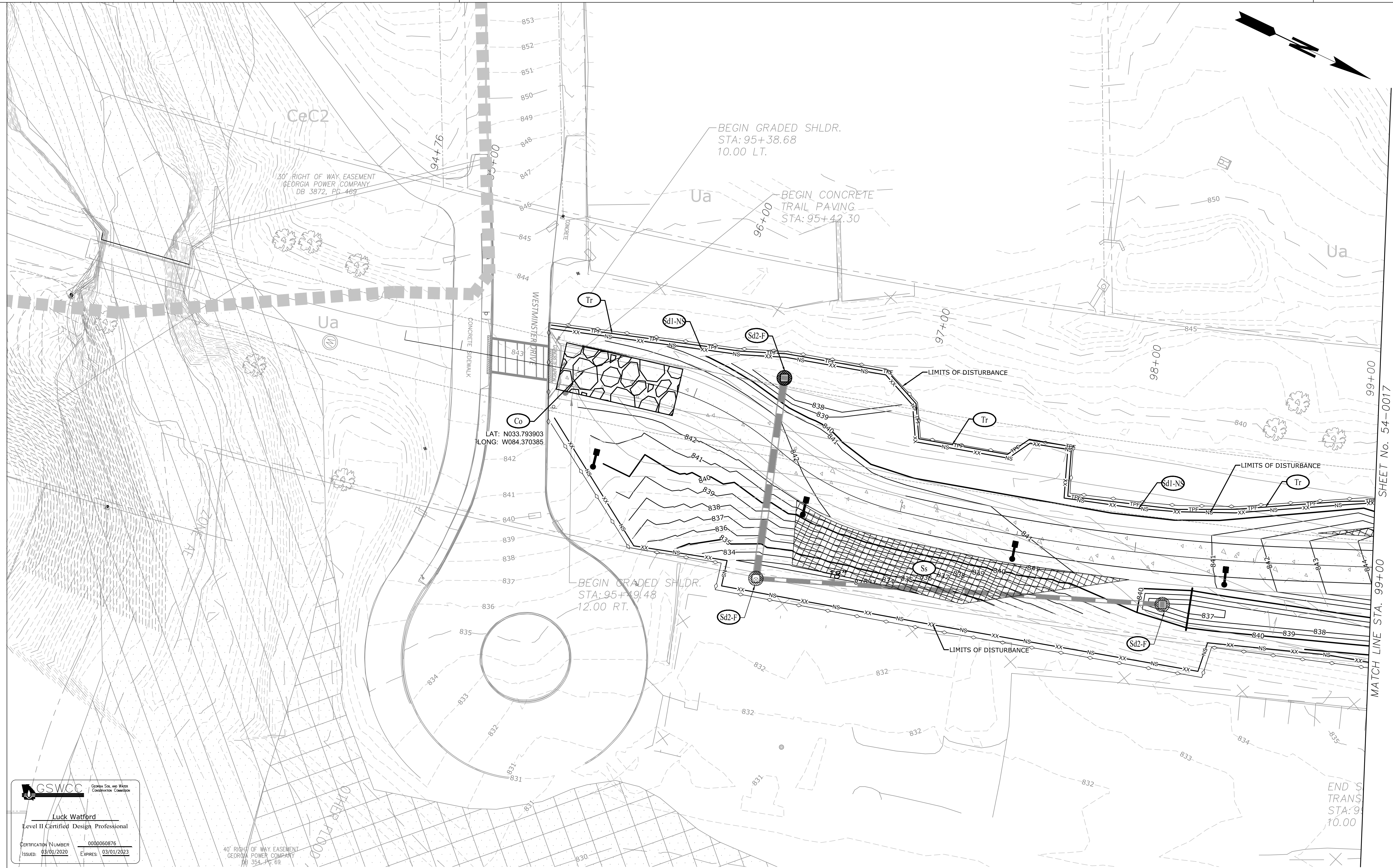
580 W Crossville Road
Suite 101
Roswell, GA 30075
PHONE: (770) 569-7038
WWW.R2TINC.COM



REVISION DATES	

ATLANTA BELTLINE NORTHEAST TRAIL
STAGE 1

CHECKED:	DATE:	DRAWING No. 54-0015
BACKCHECKED:	DATE:	
VERIFIED:	DATE:	



SHEET No. 54-0017
MATCH LINE STA. 99+00

END S
TRANS
STA: 9
10.00

GSWCC Georgia Soil and Water Conservation Commission

Luck Watford
Level II Certified Design Professional

CERTIFICATION NUMBER: 0000060876
ISSUED: 03/01/2020 EXPIRES: 03/01/2023

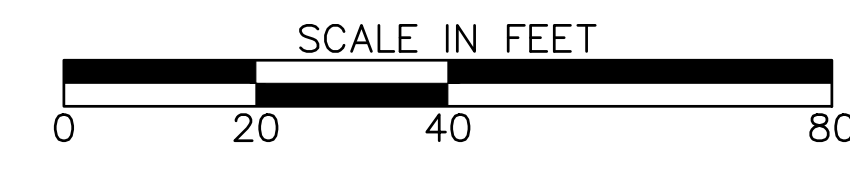
40' RIGHT OF WAY EASEMENT
GEORGIA POWER COMPANY
DB 354, PG. 69

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine
ATLANTA BELTLINE, INC.
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TEL: (404) 419-8700

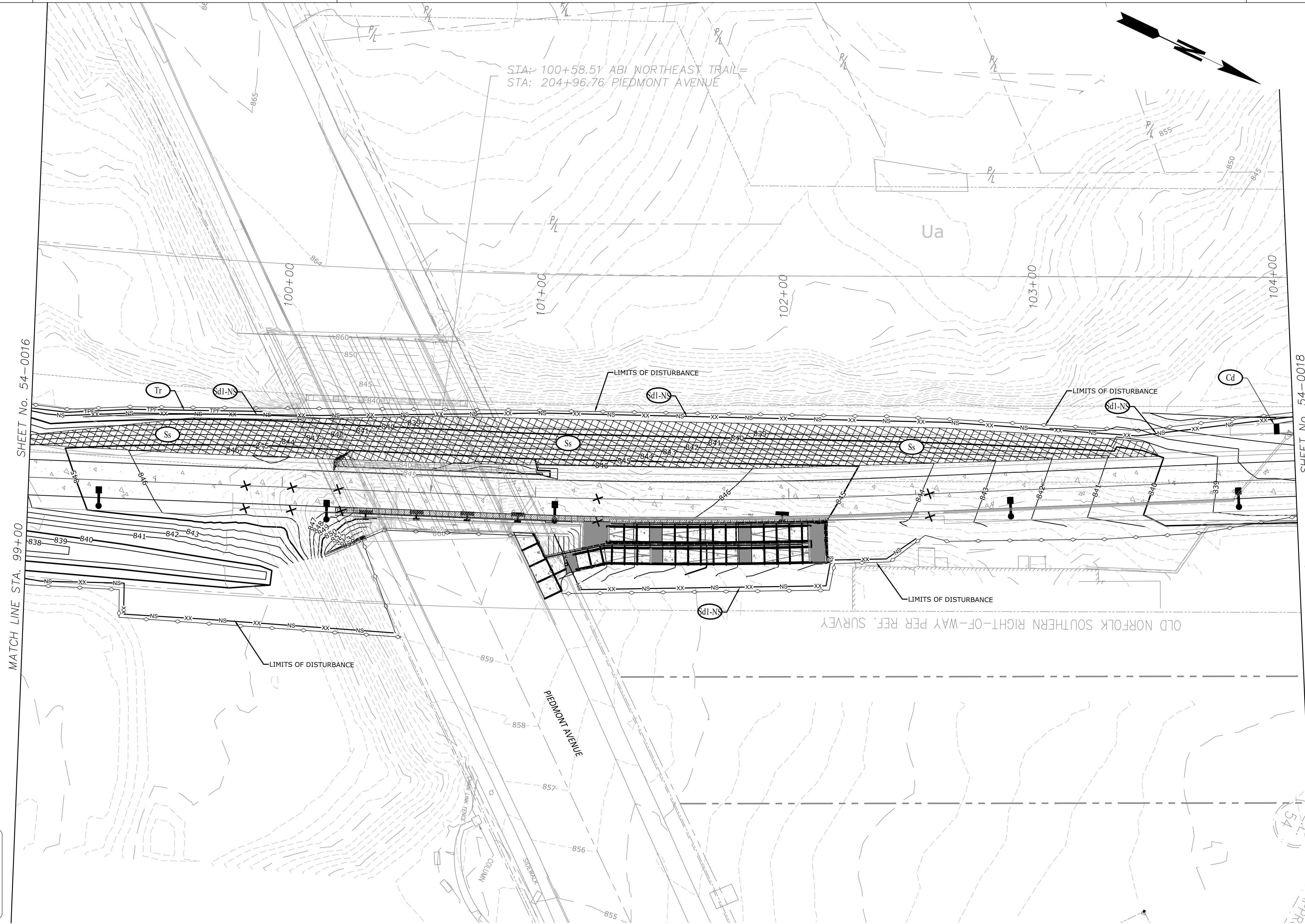
R2T
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Roswell, GA 30075
PHONE: (770) 569-7038
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REVISION DATES	

ATLANTA BELTLINE NORTHEAST TRAIL
STAGE 2

CHECKED:	DATE:	DRAWING No. 54-0016
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 99+00

MATCH LINE STA. 104+00

STA: 100+58.51 ABI NORTHEAST TRAIL=
STA: 204+96.76 PIEDMONT AVENUE

GSWCC
Georgia Soil and Water
Construction Commission

Luck Watford
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CERTIFICATION NUMBER: 0000060876
ISSUED: 03/01/2020 EXPIRES: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine

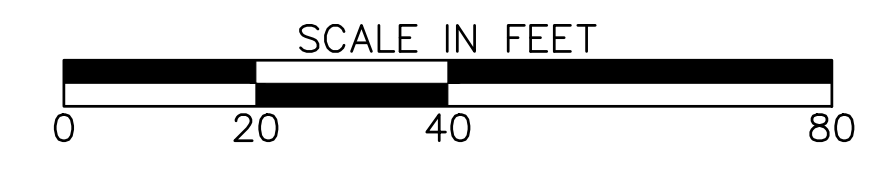
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
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ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

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TEL: (404) 419-8700

R2T
RIVER TO TAP

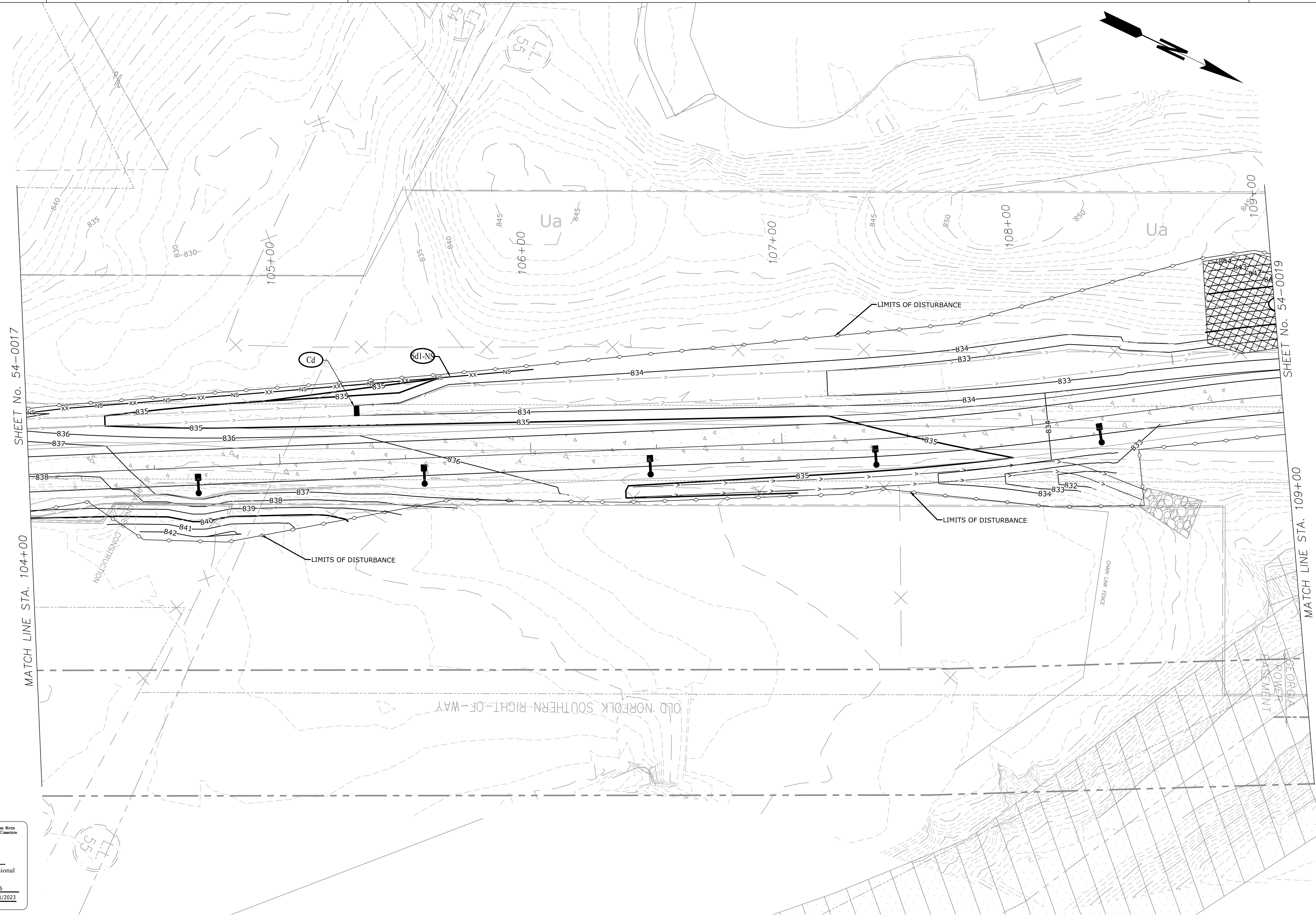
580 W Crossville Road
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Roswell, GA 30075
PHONE: (770) 569-7038
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REVISION DATES	

ATLANTA BELTLINE NORTHEAST TRAIL
STAGE 2

CHECKED:	DATE:	DRAWING No. 54-0017
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



SHEET No. 54-0017

MATCH LINE STA. 104+00

SHEET No. 54-0019

MATCH LINE STA. 109+00

GSWCC Georgia Soc. of Water
Construction Engineers

Luck Watford
Level II Certified Design Professional

CERTIFICATION NUMBER: 000060876
ISSUED: 03/01/2020 EXPIRES: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine

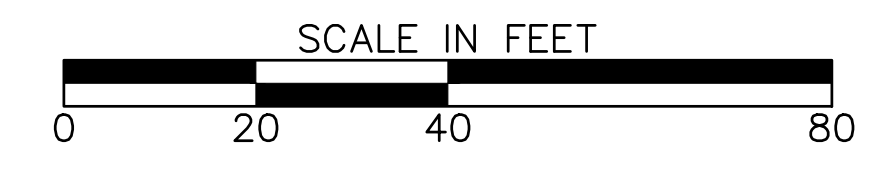
ATLANTA BELTLINE, INC.
100 PEACHTREE STREET, NW
SUITE 2300
ATLANTA, GA 30303
TEL: (404) 477-3003
FAX: (404) 477-3606

Kimley»Horn

KIMLEY-HORN AND ASSOCIATES, INC.
THE BILTMORE, SUITE 601
817 WEST PEACHTREE STREET, NW
ATLANTA, GEORGIA 30308
TEL: (404) 419-8700

R2T
RIVER TO TAP

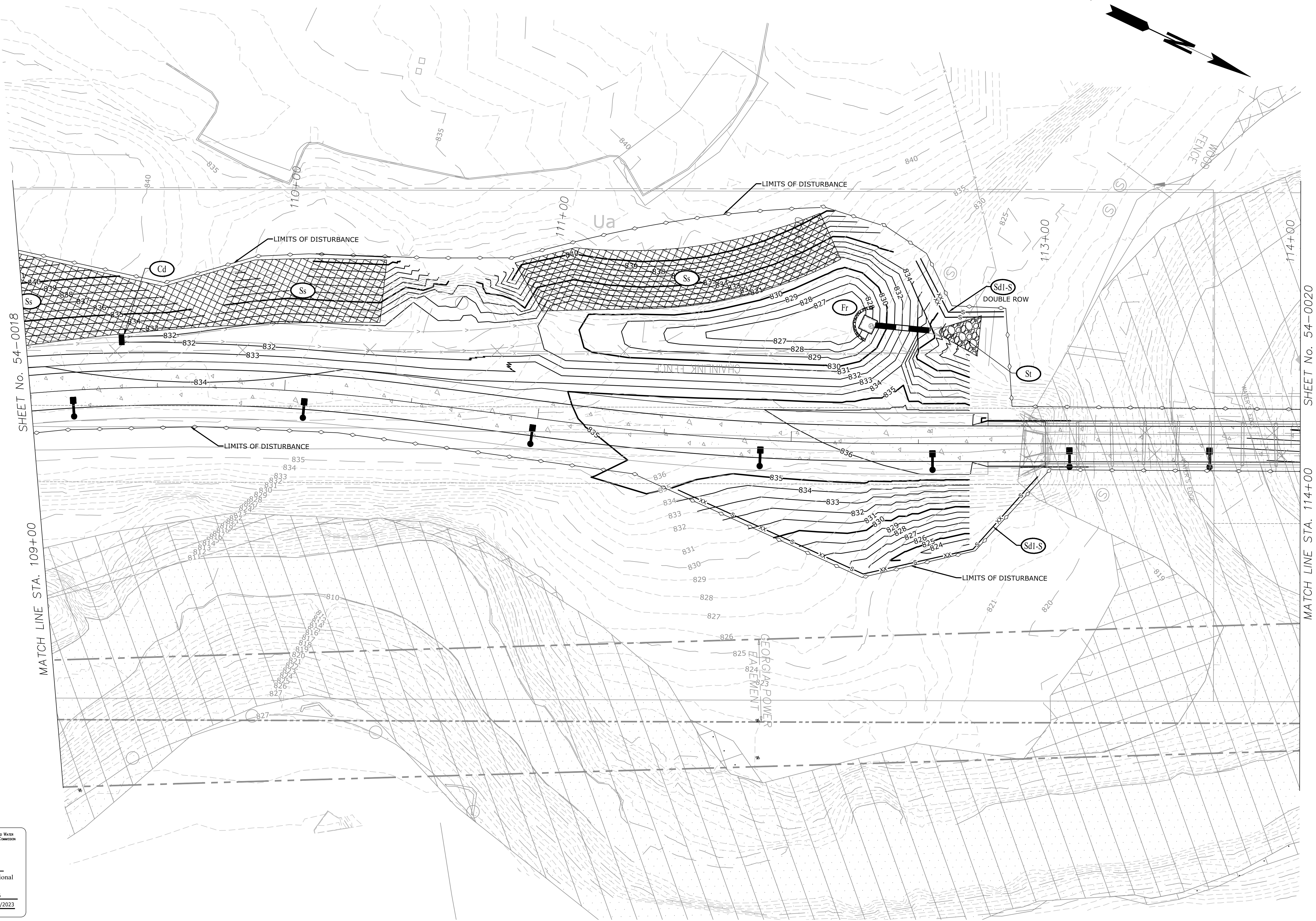
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REVISION DATES	

ATLANTA BELTLINE NORTHEAST TRAIL
STAGE 2

CHECKED:	DATE:	DRAWING No. 54-0018
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



SHEET No. 54-0018

MATCH LINE STA. 109+00

SHEET No. 54-0020

MATCH LINE STA. 114+00

GSWCC Georgia Soil and Water Constructors' Association

Luck Watford
Level II Certified Design Professional

CERTIFICATION NUMBER: 0000060876
ISSUED: 03/01/2020 EXPIRES: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine

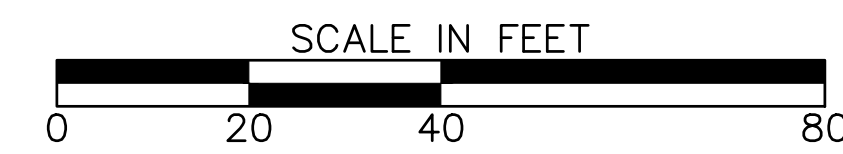
ATLANTA BELTLINE, INC.
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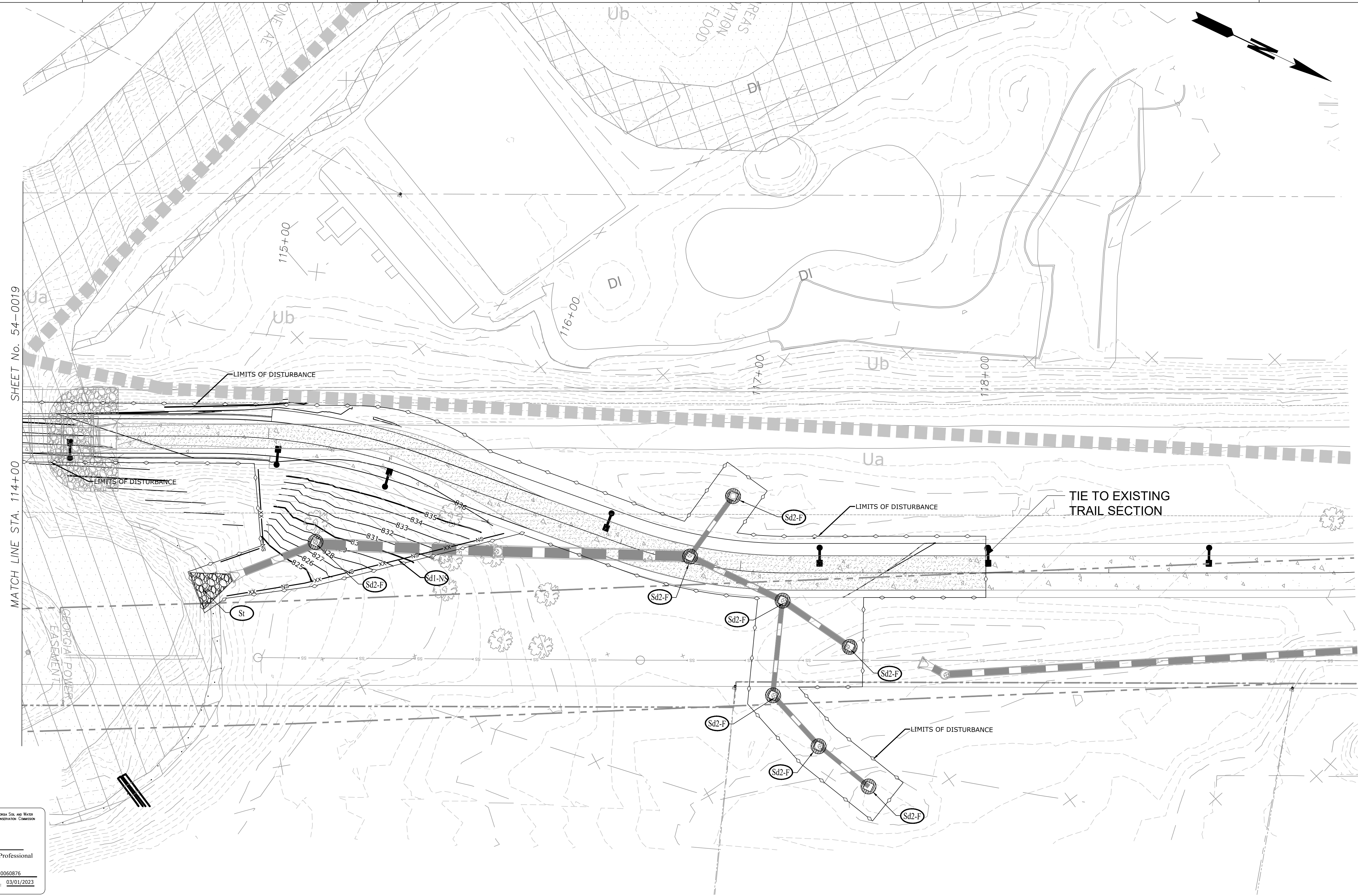


REVISION DATES	

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VERIFIED:		DATE:	

ATLANTA BELTLINE NORTHEAST TRAIL
STAGE 2

DRAWING No.
54-0019



SHEET No. 54-0019

MATCH LINE STA. 114+00

GSWCC Georgia Soil and Water Conservation Commission

Luck Watford
Level II Certified Design Professional

CERTIFICATION NUMBER: 0000060876
ISSUED: 03/01/2020 EXPIRES: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine

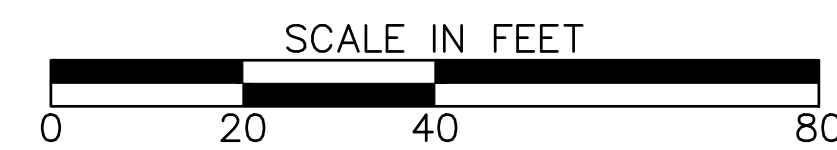
ATLANTA BELTLINE, INC.
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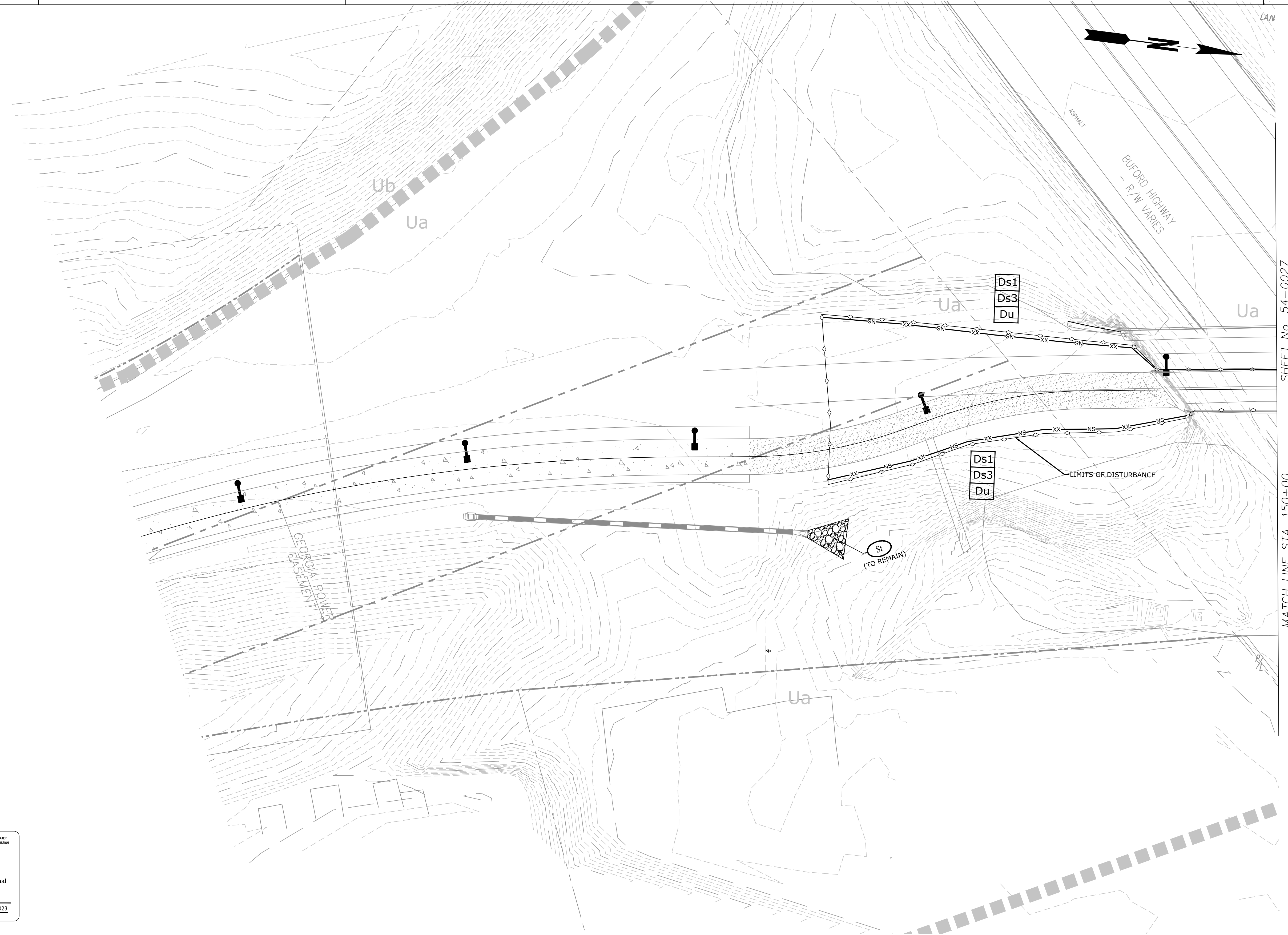
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REVISION DATES	

ATLANTA BELTLINE NORTHEAST TRAIL
STAGE 2

CHECKED:	DATE:	DRAWING No. 54-0020
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



SHEET No. 54-0027
MATCH LINE STA. 150+00

GSWCC Georgia Soil and Water Conservation Commission

Luck Watford
Level II Certified Design Professional

CERTIFICATION NUMBER: 0000060876
ISSUED: 03/01/2020 EXPIRES: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine

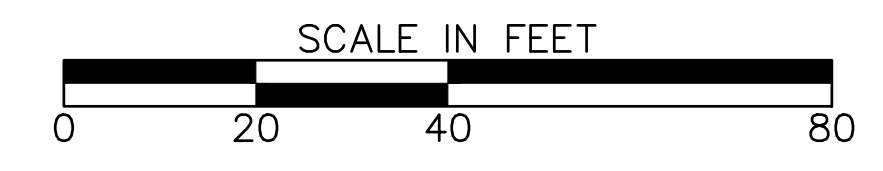
ATLANTA BELTLINE, INC.
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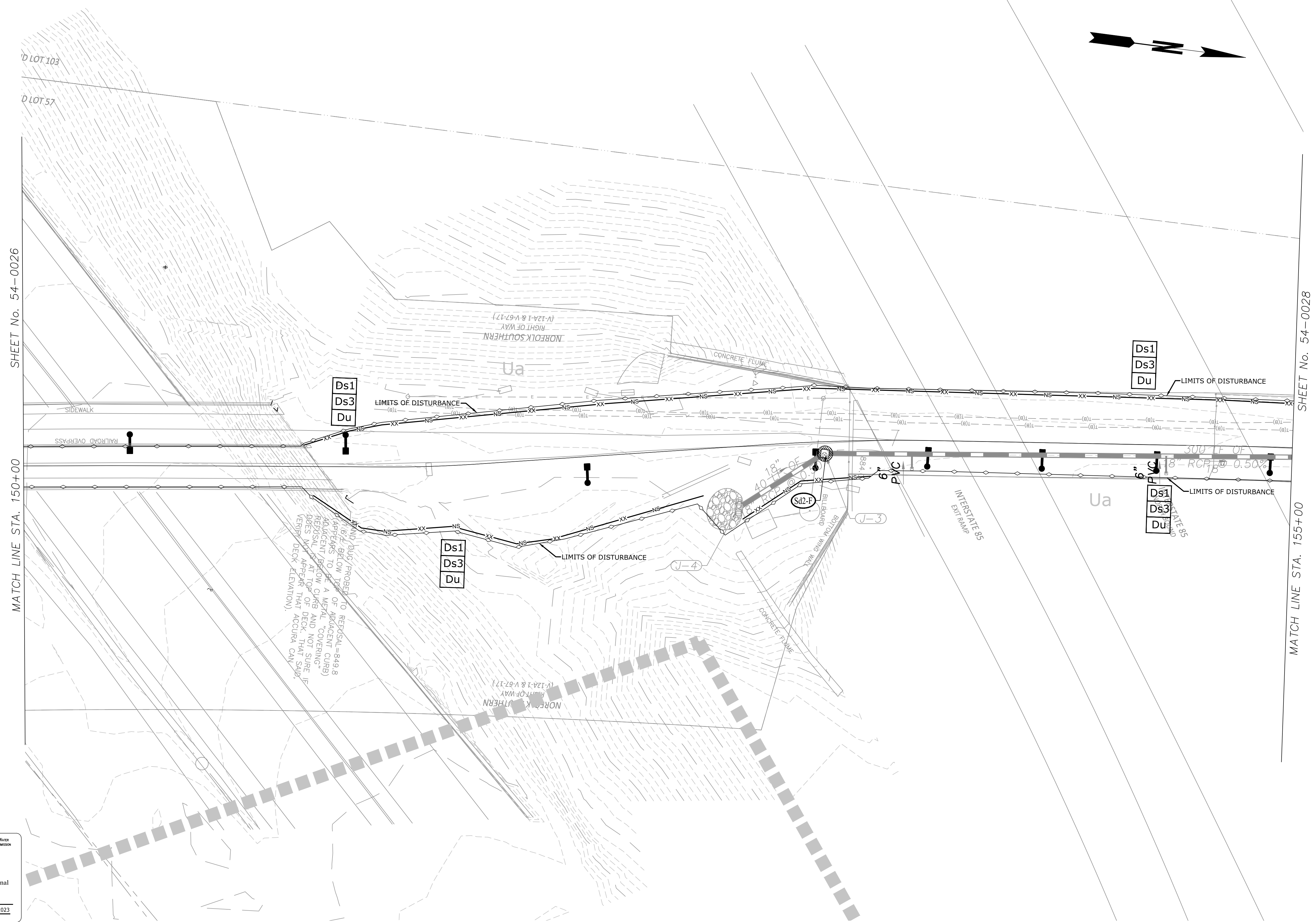
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REVISION DATES		

ATLANTA BELTLINE NORTHEAST TRAIL
STAGE 2

CHECKED:		DATE:		DRAWING No. 54-0026
BACKCHECKED:		DATE:		
CORRECTED:		DATE:		
VERIFIED:		DATE:		



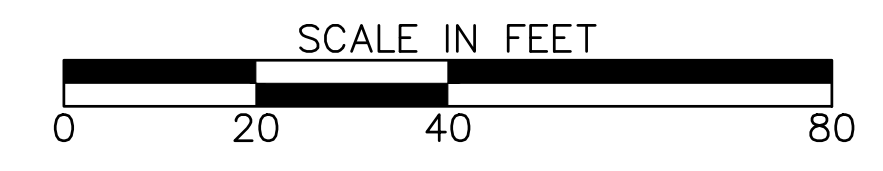
GSWCC Georgia State and Water Conservation Commission
Luck Watford
 Level II Certified Design Professional
 Certification Number: 000060876
 Issued: 03/01/2020 Expires: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine
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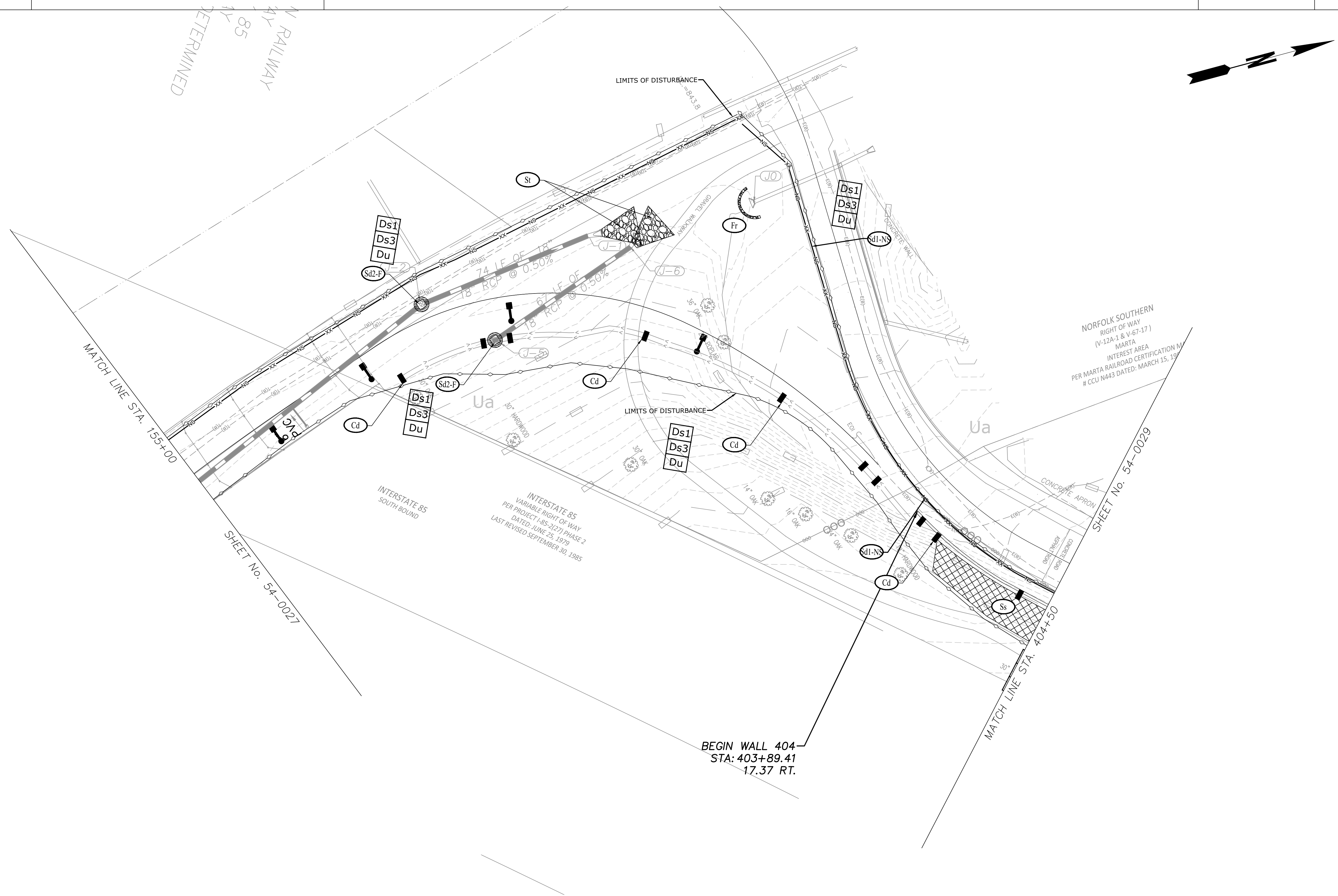
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REVISION DATES		

ATLANTA BELTLINE NORTHEAST TRAIL
 STAGE 2

CHECKED:	DATE:	DRAWING No. 54-0027
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



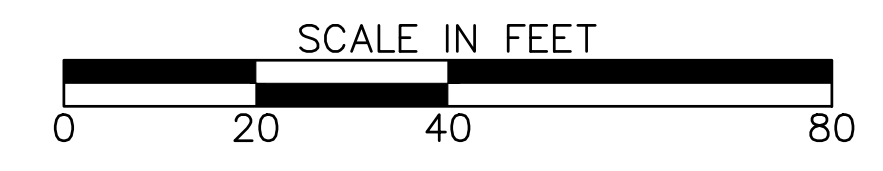
GSWCC GEORGIA SOIL AND WATER CONSERVATION COMMISSION
Luck Watford
 Level II Certified Design Professional
 CERTIFICATION NUMBER 0000060876
 ISSUED: 03/01/2020 EXPIRES: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	—●—
SILT FENCE - SENSITIVE	—C—
SILT FENCE - NONSENSITIVE	—A—
PROPOSED SITE DEMOLITION	[Hatched Pattern]

Atlanta BeltLine
 ATLANTA BELTLINE, INC.
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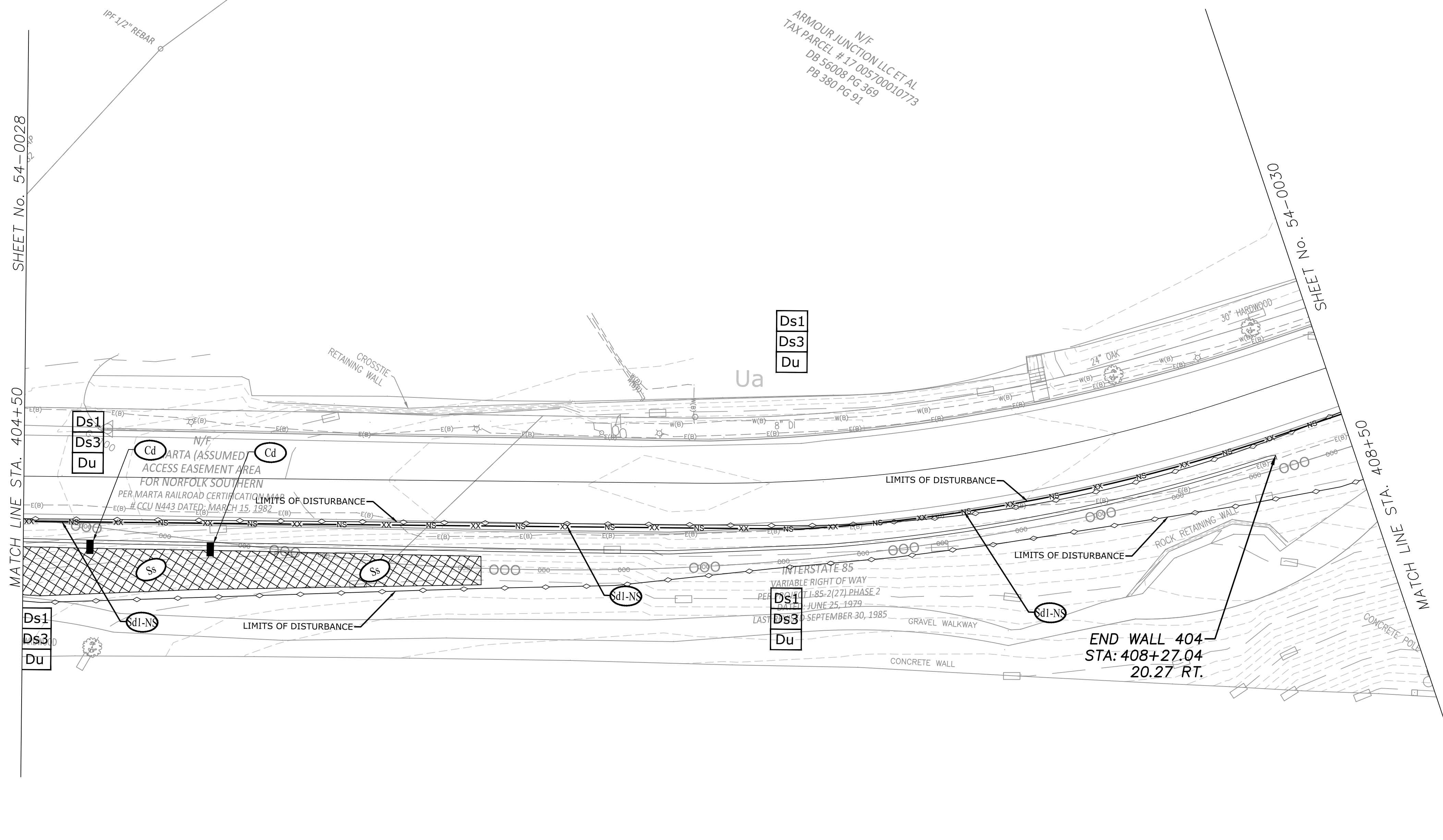
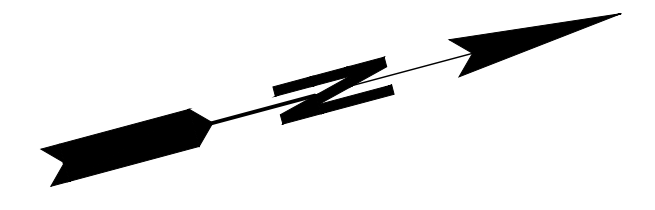
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REVISION DATES	

ATLANTA BELTLINE NORTHEAST TRAIL
STAGE 2

CHECKED:	DATE:	DRAWING No. 54-0028
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 404+50 SHEET No. 54-0028

SHEET No. 54-0030

MATCH LINE STA. 408+50

GSWCC Georgia Soil and Water Conservation Commission

Luck Watford
Level II Certified Design Professional

CERTIFICATION NUMBER: 000060876
ISSUED: 03/01/2020 EXPIRES: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine

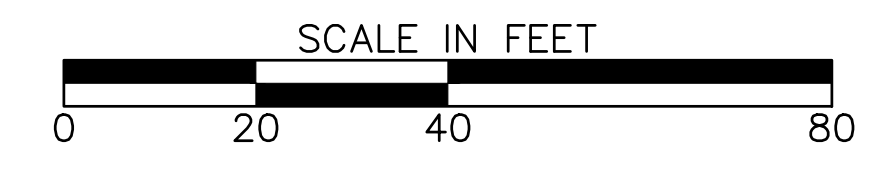
ATLANTA BELTLINE, INC.
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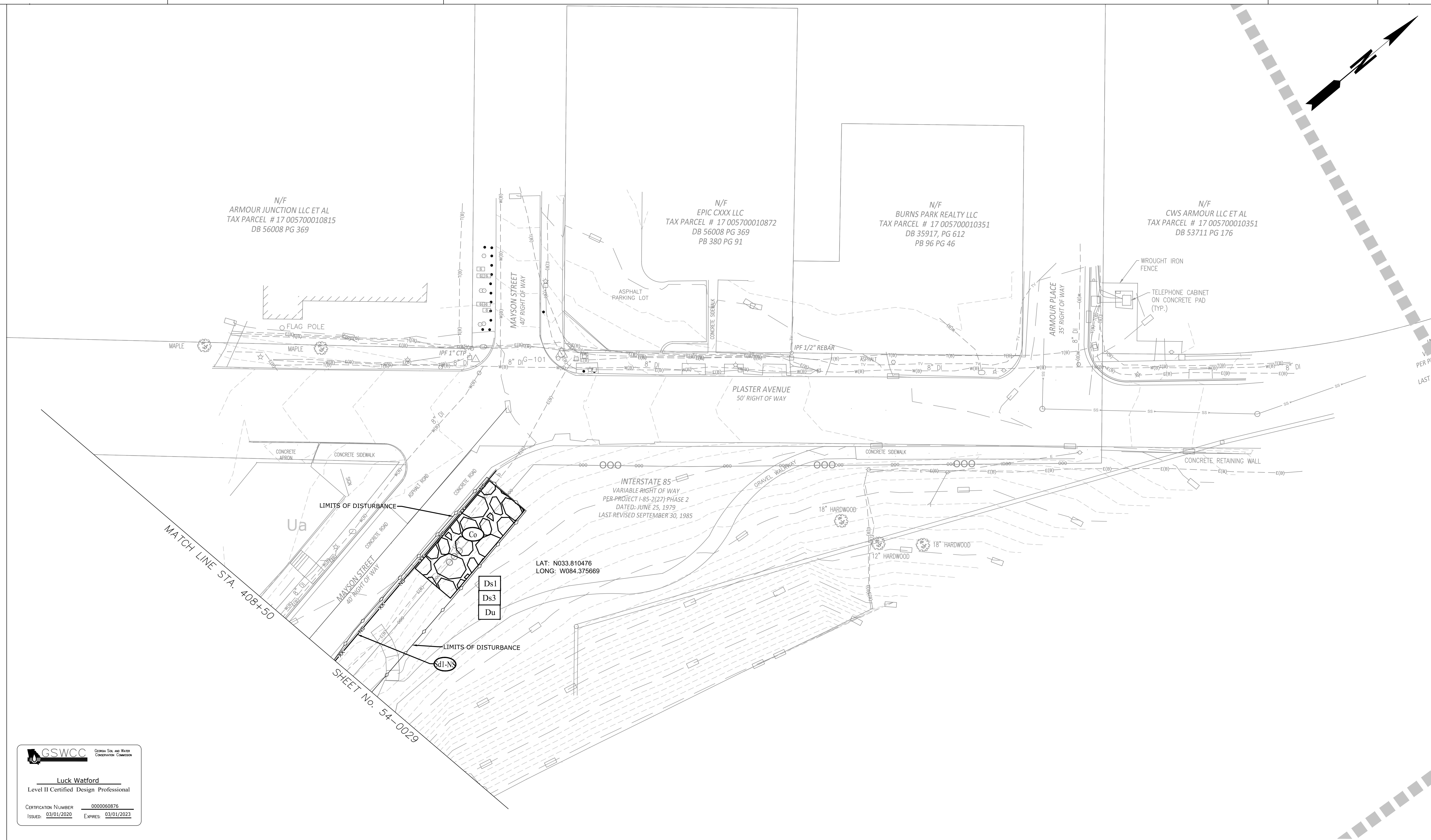
580 W Crossville Road
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REVISION DATES		

ATLANTA BELTLINE NORTHEAST TRAIL
STAGE 2

CHECKED:	DATE:	DRAWING No. 54-0029
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	



MATCH LINE STA. 408+50

SHEET No. 54-0029

LAT: N033.810476
LONG: W084.375669

GSWCC Georgia State and Water Conservation Commission

Luck Watford
Level II Certified Design Professional

CERTIFICATION NUMBER: 0000650876
ISSUED: 03/01/2020 EXPIRES: 03/01/2023

EROSION LEGEND	
ORANGE BARRIER FENCE	
SILT FENCE - SENSITIVE	
SILT FENCE - NONSENSITIVE	
PROPOSED SITE DEMOLITION	

Atlanta BeltLine

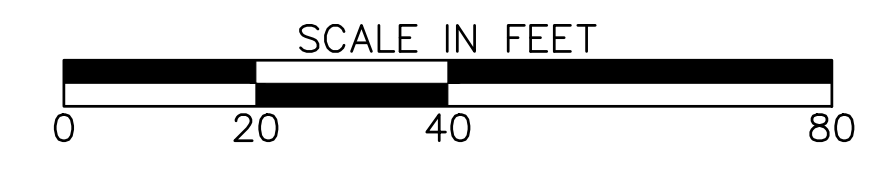
ATLANTA BELTLINE, INC.
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RIVER TO TAP

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REVISION DATES	

ATLANTA BELTLINE NORTHEAST TRAIL
STAGE 2

CHECKED:	DATE:	DRAWING No. 54-0030
BACKCHECKED:	DATE:	
VERIFIED:	DATE:	

GEORGIA UNIFORM CODING SYSTEM

FOR SOIL EROSION AND SEDIMENT CONTROL PRACTICES

GEORGIA SOIL AND WATER CONSERVATION COMMISSION

STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Cd	CHECKDAM			A small temporary barrier or dam constructed across a small drainage ditch or area of concentrated flow.
Ch	CHANNEL STABILIZATION			Improving, constructing or stabilizing an open channel, existing stream, or ditch.
Co	CONSTRUCTION EXIT			A crushed stone pad located at the construction site exit to provide a place for removing mud from tires thereby protecting public streets.
Cr	CONSTRUCTION ROAD STABILIZATION			A travelway constructed as part of a construction plan including access roads, subdivision roads, parking areas and other on-site vehicle transportation routes.
Dc	STREAM DIVERSION CHANNEL			A temporary channel constructed to convey flow around a construction site while a permanent structure is being constructed.
Di	DIVERSION			An earth channel or dike located above, below, or across a slope to divert runoff. This may be a temporary or permanent structure.
Dn1	TEMPORARY DOWNDRAIN STRUCTURE			A flexible conduit of heavy-duty fabric or other material designed to safely conduct surface runoff down a slope. This is temporary and inexpensive.
Dn2	PERMANENT DOWNDRAIN STRUCTURE			A paved chute, pipe, sectional conduit or similar material designed to safely conduct surface runoff down a slope.
Fr	FILTER RING			A temporary stone barrier constructed at storm drain inlets and pond outlets.
Ga	GABION			Rock filter baskets which are hand-placed into position forming soil stabilizing structures.
Gr	GRADE STABILIZATION STRUCTURE			Permanent structures installed to protect channels or waterways where otherwise the slope would be sufficient for the running water to form gullies.
Lv	LEVEL SPREADER			A structure to convert concentrated flow of water into less erosive sheet flow. This should be constructed only on undisturbed soils.
Rd	ROCK FILTER DAM			A permanent or temporary stone filter dam installed across small streams or drainageways.
Re	RETAINING WALL			A wall installed to stabilize cut and fill slopes where maximum permissible slopes are not obtainable. Each situation will require special design.
Rt	RETRO FITTING			A device or structure placed in front of a permanent stormwater detention pond outlet structure to serve as a temporary sediment filter.
Sd1	SEDIMENT BARRIER			A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a silt fence.
Sd2	INLET SEDIMENT TRAP			An impounding area created by excavating around a storm drain inlet. The excavated area will be filled and stabilized on completion of construction activities.
Sd3	TEMPORARY SEDIMENT BASIN			A basin created by excavation or a dam across a waterway. The surface water runoff is temporarily stored allowing the bulk of the sediment to drop out.
Sd4	TEMPORARY SEDIMENT TRAP			A small temporary pond that drains a disturbed area so that sediment can settle out. The principle feature distinguishing a temporary sediment trap from a temporary sediment basin is the lack of a pipe or riser.
Sk	FLOATING SURFACE SKIMMER			A buoyant device that releases/drains water from the surface of sediment ponds, traps, or basins at a controlled rate of flow.
Spb	SEEP BERM			Linear control device constructed as a diversion perpendicular to the direction of runoff to enhance dissipation and infiltration, while creating multiple sedimentation chambers with the employment of intermediate dikes.

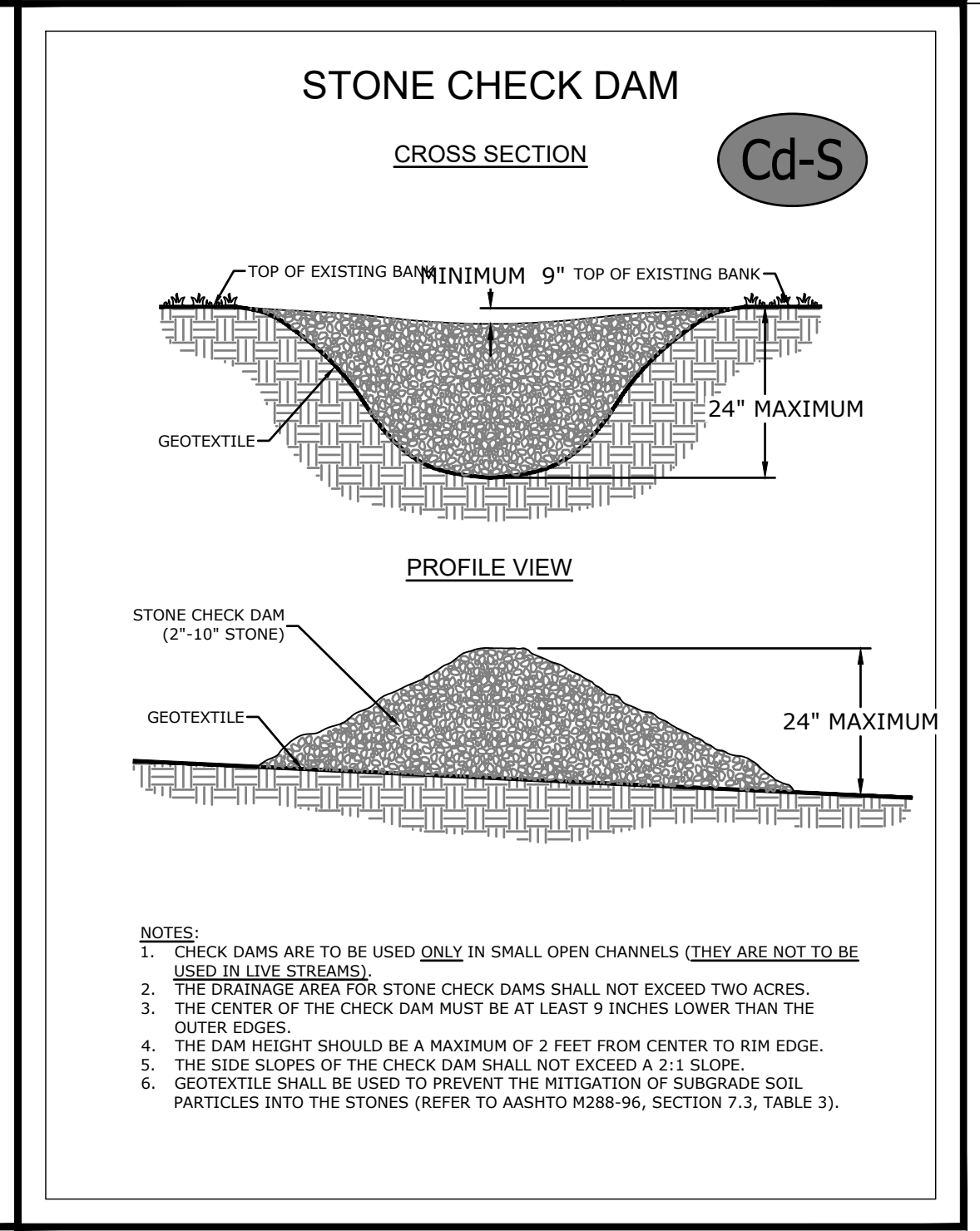
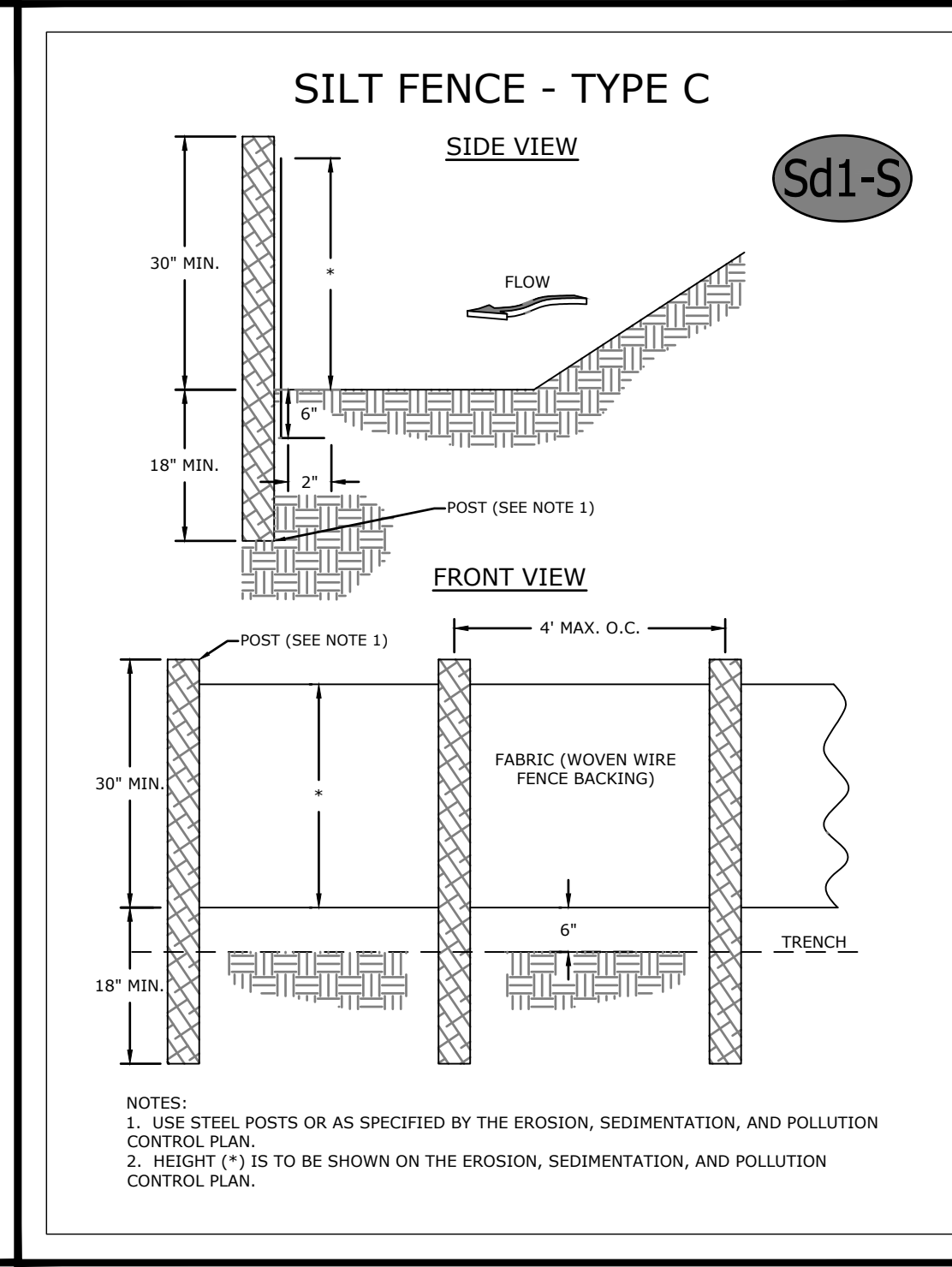
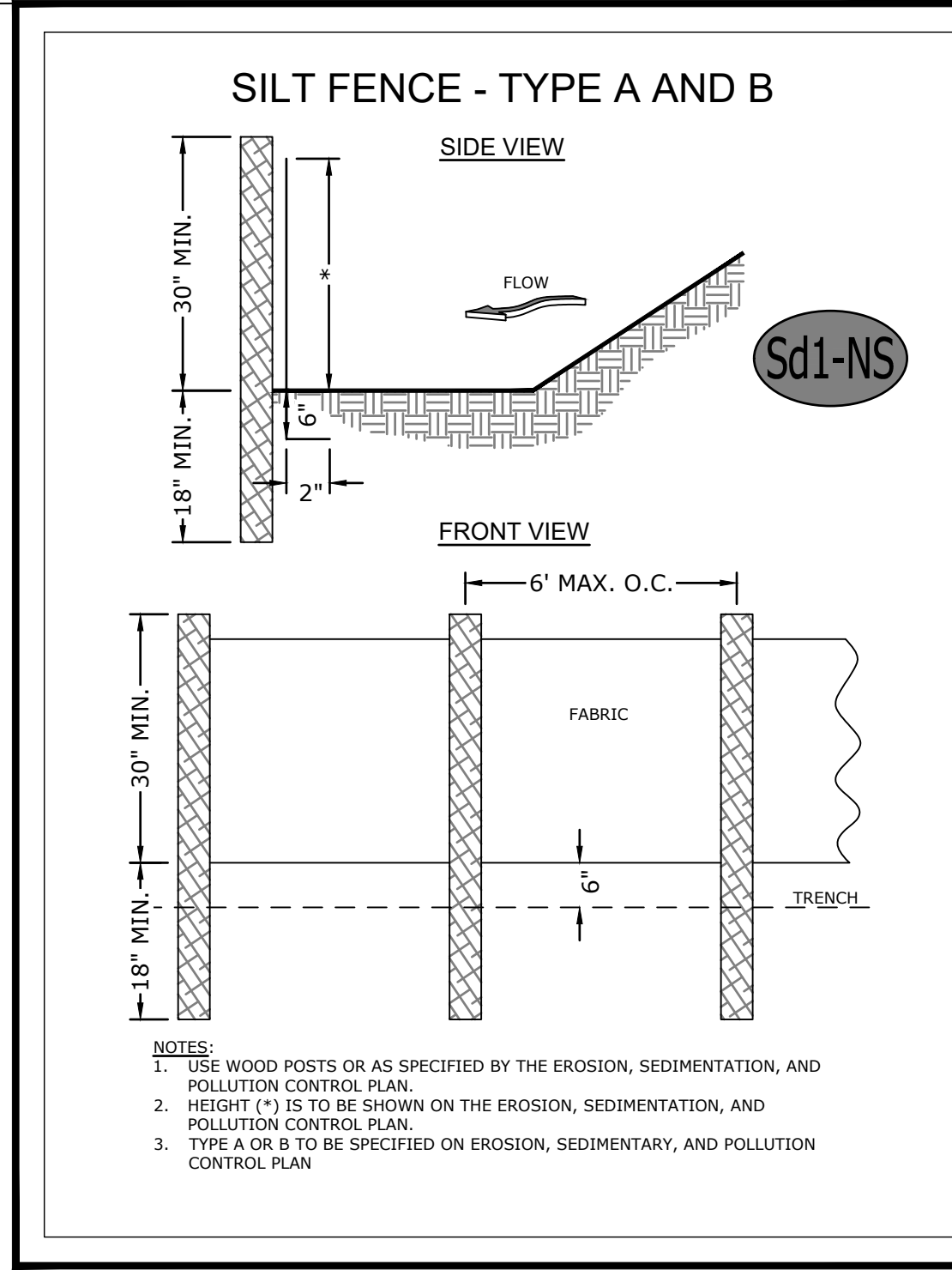
STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Sr	TEMPORARY STREAM CROSSING			A temporary bridge or culvert-type structure protecting a stream or watercourse from damage by crossing construction equipment.
St	STORMDRAIN OUTLET PROTECTION			A paved or short section of riprap channel at the outlet of a storm drain system preventing erosion from the concentrated runoff.
Su	SURFACE ROUGHENING			A rough soil surface with horizontal depressions on a contour or slopes left in a roughened condition after grading.
Tc	TURBIDITY CURTAIN			A floating or staked barrier installed within the water (it may also be referred to as a floating boom, silt barrier, or silt curtain).
Tp	TOPSOILING			The practice of stripping off the more fertile soil, storing it, then spreading it over the disturbed area after completion of construction activities.
Tr	TREE PROTECTION			To protect desirable trees from injury during construction activity.
Wl	VEGETATED WATERWAY OR STORMWATER CONVEYANCE CHANNEL			Paved or vegetative water outlets for diversions, terraces, berms, dikes or similar structures.

VEGETATIVE PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Bf	BUFFER ZONE			Strip of undisturbed original vegetation, enhanced or restored existing vegetation or the reestablishment of vegetation surrounding an area of disturbance or bordering streams.
Cs	COASTAL DUNE STABILIZATION (WITH VEGETATION)			Planting vegetation on dunes that are denuded, artificially constructed, or re-nourished.
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)			Establishing temporary protection for disturbed areas where seedlings may not have a suitable growing season to produce an erosion retarding cover.
Ds2	DISTURBED AREA STABILIZATION (WITH TEMP SEEDING)			Establishing a temporary vegetative cover with fast growing seedlings on disturbed areas.
Ds3	DISTURBED AREA STABILIZATION (WITH PERM SEEDING)			Establishing a permanent vegetative cover such as trees, shrubs, vines, grasses, or legumes on disturbed areas.
Ds4	DISTURBED AREA STABILIZATION (SOODING)			A permanent vegetative cover using sods on highly erodible or critically eroded lands.
Du	DUST CONTROL ON DISTURBED AREAS			Controlling surface and air movement of dust on construction site, roadways and similar sites.
Fl-Cq	FLOCCULANTS AND COAGULANTS			Substance formulated to assist in the solids/liquid separation of suspended particles in solution.
Sb	STREAMBANK STABILIZATION (USING PERM VEGETATION)			The use of readily available native plant materials to maintain and enhance streambanks, or to prevent, or restore and repair small streambank erosion problems.
Ss	SLOPE STABILIZATION			A protective covering used to prevent erosion and establish temporary or permanent vegetation on steep slopes, shore lines, or channels.
Tac	TACKIFIERS AND BINDERS			Substance used to anchor straw or hay mulch by causing the organic material to bind together.

GSWCC (Amended - 2013)

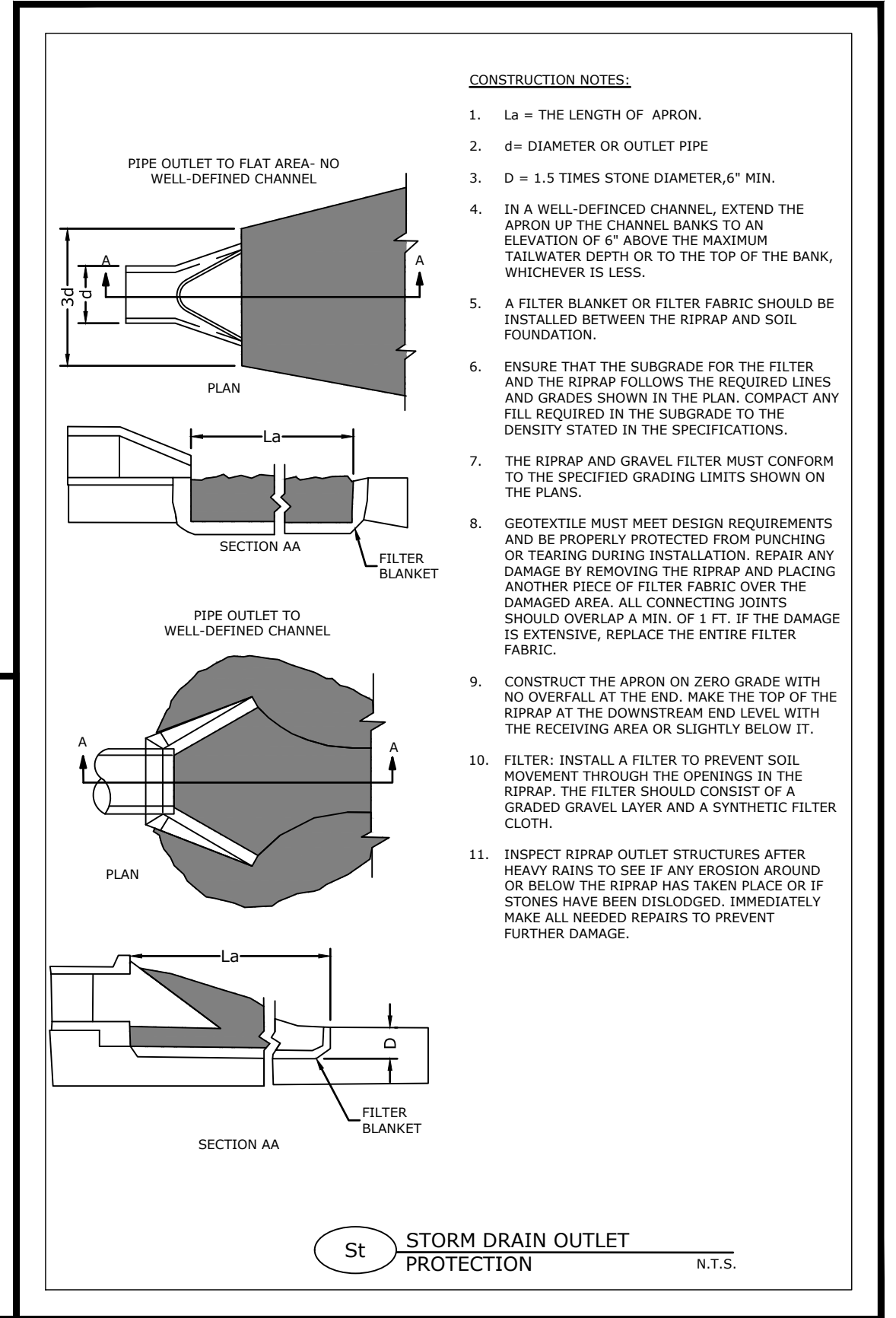
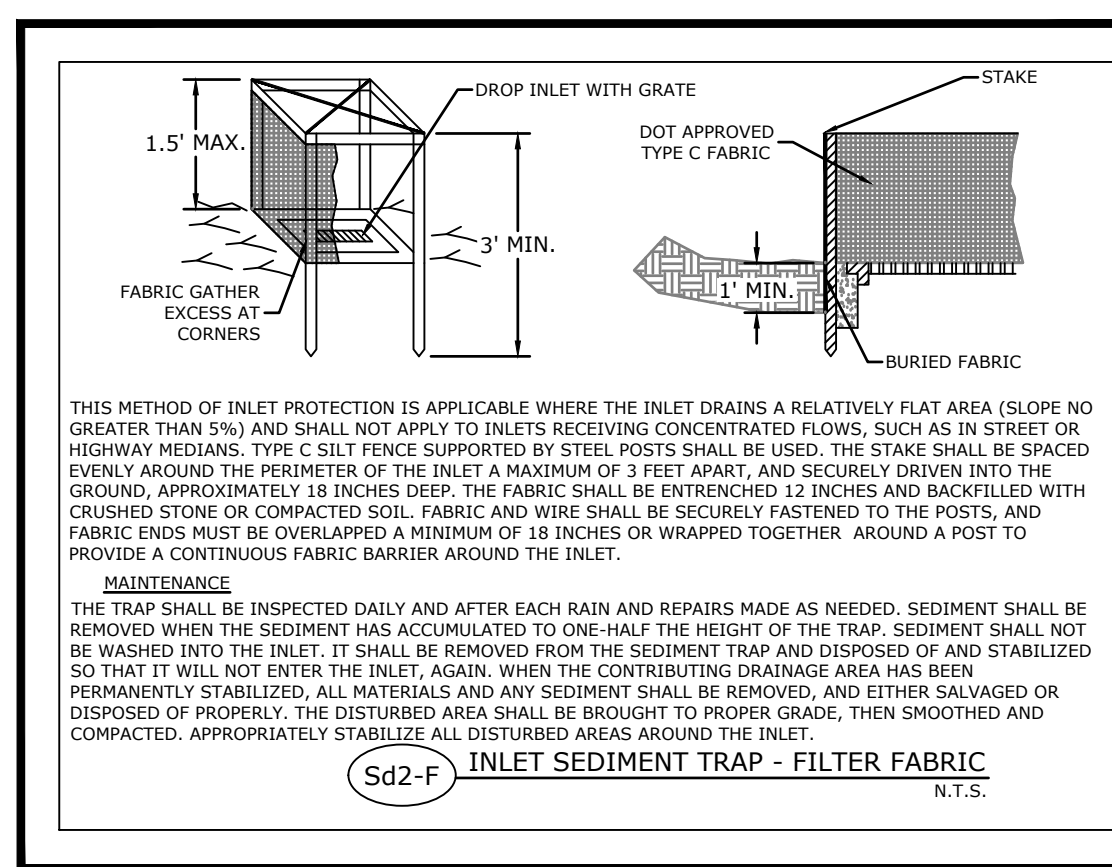


GSWCC GEORGIA SOIL AND WATER CONSERVATION COMMISSION

Luck Watford
Level II Certified Design Professional

CERTIFICATION NUMBER 0000060876
ISSUED: 03/01/2020 EXPIRES: 03/01/2023

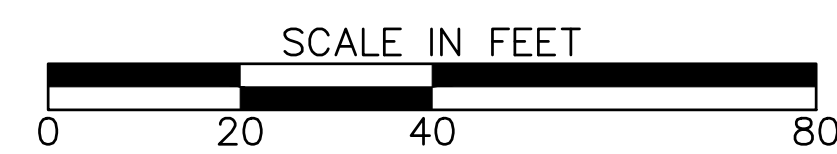
24 HOUR CONTACT
KEVIN BURKE
(404)-477-3637



Atlanta BeltLine
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Roswell, GA 30075
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REVISION DATES

NO.	DATE	DESCRIPTION

ESPCC DETAILS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 56-001
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

SPECIFICATIONS

MULCHING WITHOUT SEEDING

THIS STANDARD APPLIES TO GRADES OR CLEARED AREAS WHERE SEEDINGS MAY NOT HAVE A SUITABLE GROWING SEASON TO PRODUCE AND EROSION RETARDANT COVER, BUT CAN BE STABILIZED WITH A MULCH COVER.

SITE PREPARATION

- GRADE TO PERMIT THE USE OF EQUIPMENT FOR APPLYING AND ANCHORING MULCH.
- MAX VISIBLE EROSION CONTROL MEASURES AS REQUIRED SUCH AS DIKES, DIVERSIONS, BERMS, TERRACES AND SEDIMENT BARRIERS.
- LOOSEN COMPACT SOIL TO A MINIMUM DEPTH OF 3 INCHES.

MULCHING MATERIALS

SELECT ONE OF THE FOLLOWING MATERIALS AND APPLY AT THE DEPTH INDICATED:

- DRY STRAW OR HAY SHALL BE APPLIED AT A DEPTH OF 2 TO 4 INCHES PROVIDING COMPLETE SOIL COVERAGE. ONE ADVANTAGE OF THIS MATERIAL IS EASY APPLICATION.
- WOOD WASTE (CHIPS, SAWDUST OR BARK) SHALL BE APPLIED AT A DEPTH OF 2 TO 3 INCHES. ORGANIC MATERIAL FROM THE CLEARING STAGE OF DEVELOPMENT SHOULD REMAIN ON SITE, BE CHIPPED AND APPLIED AS MULCH. THIS METHOD OF MULCHING CAN GREATLY REDUCE EROSION CONTROL COSTS.
- CUTBACK ASPHALT (SLOW CURING) SHALL BE APPLIED AT 1200 GALLONS PER ACRE (OR 1/4 GALLON PER SQUARE YARD).
- POLYETHYLENE FILM SHALL BE SECURED OVER BANKS OR STOCKPILED SOIL MATERIAL FOR TEMPORARY PROTECTION. THIS MATERIAL CAN BE SALVAGED AND RE-USED.

APPLYING MULCH

WHEN MULCH IS USED WITHOUT SEEDING, MULCH SHALL BE APPLIED TO PROVIDE FULL COVERAGE OF THE EXPOSED AREA.

- DRY STRAW OR HAY MULCH AND WOOD CHIPS SHALL BE APPLIED UNIFORMLY BY HAND OR BY MECHANICAL EQUIPMENT.
- IF THE AREA WILL EVENTUALLY BE COVERED WITH PERENNIAL VEGETATION, 20-30 POUNDS OF NITROGEN PER ACRE IN ADDITION TO THE NORMAL AMOUNT SHALL BE APPLIED TO OFFSET THE UPTAKE OF NITROGEN CAUSED BY THE DECOMPOSITION OF THE ORGANIC MULCHES.
- CUTBACK ASPHALT SHALL BE APPLIED UNIFORMLY. CARE SHOULD BE TAKEN IN AREAS OF PEDESTRIAN TRAFFIC DUE TO PROBLEMS OF "TRACKING IN" OR DAMAGE TO SHOES, CLOTHING, ETC.
- APPLY POLYETHYLENE FILM ON EXPOSED AREAS.

ANCHORING MULCH

- STRAW OR HAY MULCH CAN BE PRESSED INTO THE SOIL WITH A DISK HARROW WITH THE DISK SET STRAIGHT OR WITH A SPECIAL "PACKER DISK". DISKS MAY BE SMOOTH OR SERRATED AND SHOULD BE 20 INCHES OR MORE IN DIAMETER AND 8 TO 12 INCHES APART. THE EDGES OF THE DISK SHOULD BE DULL ENOUGH NOT TO CUT THE MULCH BUT TO PRESS IT INTO THE SOIL LEAVING MUCH OF IT IN AN ERECT POSITION. STRAW OR HAY MULCH SHALL BE ANCHORED IMMEDIATELY AFTER APPLICATION ON ALL SLOPES 5:1V OR GREATER.
- STRAW OR HAY MULCH SPREAD WITH SPECIAL BLOWER-TYPE EQUIPMENT MAY BE ANCHORED WITH EMULSIFIED ASPHALT (GRADE AE-5 OR SS-1). THE ASPHALT EMULSION SHALL BE SPRAYED ONTO THE MULCH AS IT IS EJECTED FROM THE MACHINE. USE 100 GALLONS OF EMULSIFIED ASPHALT AND 100 GALLONS OF WATER PER TON OF MULCH. TACKIFIERS AND BINDERS CAN BE SUBSTITUTED FOR EMULSIFIED ASPHALT. PLEASE REFER TO SPECIFICATION TD - TACKIFIERS AND BINDERS. PLASTIC MESH OR
- NETTING WITH MESH NO LARGER THAN ONE INCH BY ONE INCH SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
- NETTING OF THE APPROPRIATE SIZE SHALL BE USED TO ANCHOR WOOD WASTE. OPENINGS OF THE NETTING SHALL NOT BE LARGER THAN THE AVERAGE SIZE OF THE WOOD WASTE CHIPS. POLYETHYLENE FILM SHALL BE ANCHOR TRENCHED AT THE TOP AS WELL AS INCREMENTALLY AS NECESSARY.

1 **DS-1** DISTURBED AREA STABILIZATION w/MULCHING ONLY
N.T.S.

DEFINITION

THE ESTABLISHMENT OF TEMPORARY VEGETATIVE COVER WITH FAST GROWING SEEDINGS FOR SEASONAL PROTECTION ON DISTURBED OR DENuded AREAS.

REQUIREMENT FOR REGULATORY COMPLIANCE

MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 14 DAYS OF DISTURBANCE. TEMPORARY GRASSING, INSTEAD OF MULCH, CAN BE APPLIED TO ROUGH GRADED AREAS THAT WILL BE EXPOSED FOR LESS THAN SIX MONTHS. IF AN AREA IS EXPECTED TO BE UNDISTURBED FOR LONGER THAN SIX MONTHS, PERMANENT PERENNIAL VEGETATION SHALL BE USED. IF OPTIMUM PLANTING CONDITIONS FOR TEMPORARY GRASSING ARE LACKING, MULCH CAN BE USED AS A SINGULAR EROSION CONTROL DEVICE FOR UP TO SIX MONTHS BUT IT SHALL BE APPLIED AT THE APPROPRIATE DEPTH, ANCHORED, AND HAVE A CONTINUOUS 90% COVER OR GREATER OF THE SOIL SURFACE. REFER TO SPECIFICATION TD-1-DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING).

SPECIFICATIONS

GRADING AND SHAPING

EXCESSIVE WATER RUN-OFF SHALL BE REDUCED BY PROPERLY DESIGNED AND INSTALLED EROSION CONTROL PRACTICES SUCH AS CLOSED DRAINS, DITCHES, DIKES, DIVERSIONS, SEDIMENT BARRIERS AND OTHERS.

NO SHAPING OR GRADING IS REQUIRED IF SLOPES CAN BE STABILIZED BY HAND-SEEDED VEGETATION OR IF HYDRAULIC SEEDING EQUIPMENT IS TO BE USED.

SEEDBED PREPARATION

WHEN A HYDRAULIC SEEDER IS USED, SEEDBED PREPARATION IS NOT REQUIRED. WHEN USING CONVENTIONAL OR HAND-SEEDING, SEEDBED PREPARATION IS NOT REQUIRED IF THE SOIL MATERIAL IS LOOSE AND NOT SEALED BY RAINFALL.

WHEN SOIL HAS BEEN SEALED BY RAINFALL OR CONSISTS OF SMOOTH CUT SLOPES, THE SOIL SHALL BE FITTED, TRENCHED OR OTHERWISE SCARIFIED TO PROVIDE A PLACE FOR SEED TO LODGE AND GERMINATE.

LIME AND FERTILIZATION

AGRICULTURAL LIME IS REQUIRED UNLESS SOIL TESTS INDICATE OTHERWISE. APPLY AGRICULTURAL LIME AT A RATE OF ONE TON PER ACRE. GRADED AREAS REQUIRE LIME APPLICATION. SOILS CAN BE TESTED TO DETERMINE IF FERTILIZER IS NEEDED. ON REASONABLY FERTILE SOILS OR SOIL MATERIAL, FERTILIZER IS NOT REQUIRED. FOR SOILS WITH VERY LOW FERTILITY, 500 TO 700 POUNDS OF 10-10-10 FERTILIZER OR THE EQUIVALENT PER ACRE (1.5-1.6 LBS/1,000 S.F.) SHALL BE APPLIED. FERTILIZER SHOULD BE APPLIED BEFORE LAND PREPARATION AND INCORPORATED WITH A DISK, RIPPER OR CHISEL.

SEEDING

SELECT A GRASS OR GRASS-LEGUME MIXTURE SUITABLE TO THE AREA AND SEASON OF THE YEAR. SEED SHALL BE APPLIED UNIFORMLY BY HAND, CYCLONE SEEDER, DRILL, CULT-PACKER-SEEDER, OR HYDRAULIC SEEDER (SLURRY INCLUDING SEED AND FERTILIZER). DRILL OR CULT-PACKER SEEDERS SHOULD NORMALLY PLANT SEED ONE-QUARTER TO ONE-HALF INCH DEEP, APPROPRIATE DEPTH OF PLANTING IS TEN TIMES THE SEED DIAMETER. SOIL SHOULD BE "RAKED" LIGHTLY TO COVER SEED WITH SOIL IF SEEDING BY HAND.

MULCHING

TEMPORARY VEGETATION CAN, IN MOST CASES, BE ESTABLISHED WITHOUT THE USE OF MULCH. MULCH WITHOUT SEEDING SHOULD BE CONSIDERED FOR SHORT TERM PROTECTION. REFER TO DS-1 - DISTURBED AREA STABILIZATION (WITH MULCHING ONLY).

IRRIGATION

DURING TIMES OF DROUGHT, WATER SHALL BE APPLIED AT A RATE NOT CAUSING RUNOFF AND EROSION. THE SOIL SHALL BE THOROUGHLY WETTED TO A DEPTH THAT WILL INSURE GERMINATION OF THE SEED. SUBSEQUENT APPLICATIONS SHOULD BE MADE WHEN NEEDED.

2 **DS-2** DISTURBED AREA STABILIZATION w/ TEMPORARY SEEDING
N.T.S.

SPECIES	BROADCAST RATES 2/ - PLS 3/ PER 1000 S.F.		RESOURCE AREA 4/	PLANTING DATES												REMARKS	
	SEED PER POUND	PLANTS PER 1000 S.F.		J	F	M	A	M	J	J	A	S	O	N	D		
BARLEY (Hordeum vulgare) ALONE IN MIXTURES	144 LBS.	3.3 LBS.	M-L														14,000 SEED PER POUND. WINTERHARDY. USE ON PRODUCTIVE
LESPEDeza ANNUAL (Lespedeza spicata) ALONE IN MIXTURES	40 LBS.	0.9 LBS.	M-L														200,000 SEED PER POUND. MAY LAST FOR SEVERAL SEVERAL YEARS. USE TROPICAL FL.
LOWGROWS, WEEPING (Lespedeza bicolor) ALONE IN MIXTURES	4 LBS.	0.1 LBS.	M-L														1,500,000 SEED PER POUND. MAY LAST FOR SEVERAL YEARS. MIX WITH SEEDER LESEDEZA
MILLET, BROWNTOP (Panicum fasciculatum) ALONE IN MIXTURES	40 LBS.	0.9 LBS.	M-L														137,000 SEED PER POUND. QUICK GROWER COVER. WILL PROVIDE TOO MUCH COMPETITION IN MIXTURES IF SEEDING AT HIGH RATES.
RYE (Secale cereale) ALONE IN MIXTURES	148 LBS.	3.9 LBS.	M-L														16,000 SEED PER POUND. QUICK COVER. DROUGHT TOLERANT AND WINTERHARDY.
RYEGRASS, ANNUAL (Lolium temulentum) ALONE	40 LBS.	0.9 LBS.	M-L														227,000 SEED PER POUND. QUICK GROWER. VERY COMPETITIVE AND IS BEST TO BE USED IN MIXTURES.
MILLET, PEARL (Panicum glabrum) ALONE	50 LBS.	1.1 LBS.	M-L														88,000 SEED PER POUND. QUICK, DENSE COVER. MAY REACH 5 FEET IN HEIGHT. NOT RECOMMENDED FOR MIXTURES.
OATS (Avena sativa) ALONE IN MIXTURES	128 LBS.	2.9 LBS.	M-L														13,000 SEED PER POUND. USE ON PRODUCTIVE SOILS. NOT AS WINTERHARDY AS RYE OR BARLEY.
SUDAN GRASS (Sorghum sudanense) ALONE	60 LBS.	1.4 LBS.	M-L														55,000 SEED PER POUND. GOOD USE ON DROUGHT SITES. RECOMMENDED FOR MIXTURES.
TRITICALE (X-Triticosecale) ALONE IN MIXTURES	144 LBS.	3.3 LBS.	C														USE ON LOWER PART OF SOUTHERN COASTAL PLAIN AND ATLANTIC COASTAL FLATWOODS ONLY.
WHEAT (Triticum aestivum) ALONE IN MIXTURES	180 LBS.	4.1 LBS.	M-L														15,000 SEED PER POUND. WINTERHARDY.

1/ TEMPORARY COVER CROPS ARE VERY COMPETITIVE AND WILL CROWN OUT PERENNIALS IF SEEDING TOO HEAVILY.
2/ REDUCE SEEDING RATES BY 50% WHEN DRILLED.
3/ PLS IS AN ABBREVIATION FOR PURE LIVE SEED.
4/ M-L REPRESENTS TO MOUNTAIN; BLUE RIDGE; AND RIDGES AND VALLEYS MURSA
P REPRESENTS THE SOUTHERN Piedmont MURSA
C REPRESENTS THE SOUTHERN COASTAL PLAIN; SAND HILLS; BLACK LANDS; AND ATLANTIC COAST FLATWOODS MURSA

DEFINITION

CONTROLLING SURFACE AND AIR MOVEMENT OF DUST ON CONSTRUCTION SITES, ROADS, AND DEMOLITION SITES.

PURPOSE

-TO PREVENT SURFACE AND AIR MOVEMENT OF DUST FROM EXPOSED SOIL SURFACES
-TO REDUCE THE PRESENCE OF AIRBORNE SUBSTANCES WHICH MAY BE HARMFUL OR INJURIOUS TO HUMAN HEALTH, WELFARE, OR SAFETY, OR TO ANIMALS OR PLANT LIFE.

CONDITIONS

THIS PRACTICE IS APPLICABLE TO AREAS SUBJECT TO SURFACE AND AIR MOVEMENT OF DUST WHERE ON AND OFF-SITE DAMAGE MAY OCCUR WITHOUT TREATMENT.

METHODS AND MATERIALS

TEMPORARY METHODS:
MULCHES SEE STANDARD Ds1 - DISTURBED AREA STABILIZATION (WITH MULCHING ONLY). SYNTHETIC RESINS MAY BE USED INSTEAD OF ASPHALT TO BIND MULCH MATERIAL. REFER TO STANDARD TD-TACKIFIERS AND BINDERS. RESINS SUCH AS CURASOL OR TERRATAK SHOULD BE USED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

VEGETATIVE COVER SEE STANDARD Ds2 - DISTURBED AREA STABILIZATION (WITH TEMPORARY SEEDING).

SPRAY-ON ADHESIVES THESE ARE USED ON MINERAL SOILS (NOT EFFECTIVE ON MUCK SOILS). KEEP TRAFFIC OFF THESE AREAS. REFER TO STANDARD TD-TACKIFIERS AND BINDERS.

TILLAGE THIS PRACTICE IS DESIGNED TO ROUGHEN AND BRING CLODS TO THE SURFACE. IT IS AN EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE WIND EROSION STARTS. BEGIN PLOWING ON WINDWARD SIDE OF THE SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12 INCHES APART, SPRING TOOTHED HARROWS, AND SIMILAR PLOWS ARE EXAMPLES OF EQUIPMENT WHICH MAY PRODUCE THE DESIRED EFFECT.

IRRIGATION THIS IS GENERALLY DONE AS AN EMERGENCY TREATMENT. SITE IS SPRINKLED WITH WATER UNTIL THE SURFACE IS WET. REPEAT AS NEEDED.

BARRIERS SOLID BOARD FENCES, SNOWFENCES, BURLAP FENCES, CRATE WALLS, BALES OF HAY AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. BARRIERS PLACED AT RIGHT ANGLES TO PREVAILING CURRENTS AT INTERVALS OF ABOUT 15 TIMES THEIR HEIGHT ARE EFFECTIVE IN CONTROLLING WIND EROSION CALCIUM CHLORIDE APPLY AT A RATE THAT WILL KEEP SURFACE MOIST. MAY NEED RETREATMENT.

PERMANENT METHODS
PERMANENT VEGETATION SEE STANDARD Ds3 - DISTURBED AREA STABILIZATION (WITH PERMANENT VEGETATION) EXISTING TREES AND LARGE SHRUBS MAY AFFORD VALUABLE PROTECTION IF LEFT IN PLACE.
TOPSOILING THIS ENTAILS COVERING THE SURFACE WITH LESS ERODIBLE SOIL MATERIAL. SEE STANDARD TD-TOPSOILING.

STONE COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL. SEE STANDARD Cr-CONSTRUCTION ROAD STABILIZATION.

Du DUST CONTROL ON DISTURBED AREAS
N.T.S.

DEFINITION:
A TEMPORARY STONE BARRIER CONSTRUCTED AT STORM DRAIN INLETS AND POND OUTLETS.

PURPOSE:
THIS STRUCTURE REDUCES FLOW VELOCITIES, PREVENTING THE FAILURE OF OTHER SEDIMENT CONTROL DEVICES. IT ALSO PREVENTS SEDIMENT FROM LEAVING THE SITE OR ENTERING DRAINAGE SYSTEMS, PRIOR TO PERMANENT STABILIZATION OF THE DISTURBED AREA.

LOCATION:
THE FILTER RING SHALL SURROUND ALL SIDES OF THE STRUCTURE RECEIVING RUNOFF FROM DISTURBED AREAS. IT SHOULD BE PLACED A MINIMUM OF FOUR FEET FROM THE STRUCTURE. THE RING IS NOT INTENDED TO SUBSTANTIALLY IMPOUND WATER, CAUSING FLOODING OR DAMAGE TO ADJACENT AREAS. THE FILTER RING MAY ALSO BE PLACED BELOW STORM DRAINS DISCHARGING INTO DETENTION PONDS, CREATING A CENTRALIZED AREA, OR "FOREBAY", FOR SEDIMENT ACCUMULATION. IF UTILIZED ABOVE A RETROFIT STRUCTURE, IT SHOULD BE A MINIMUM OF 8 TO 10 FEET FROM THE RETROFIT.

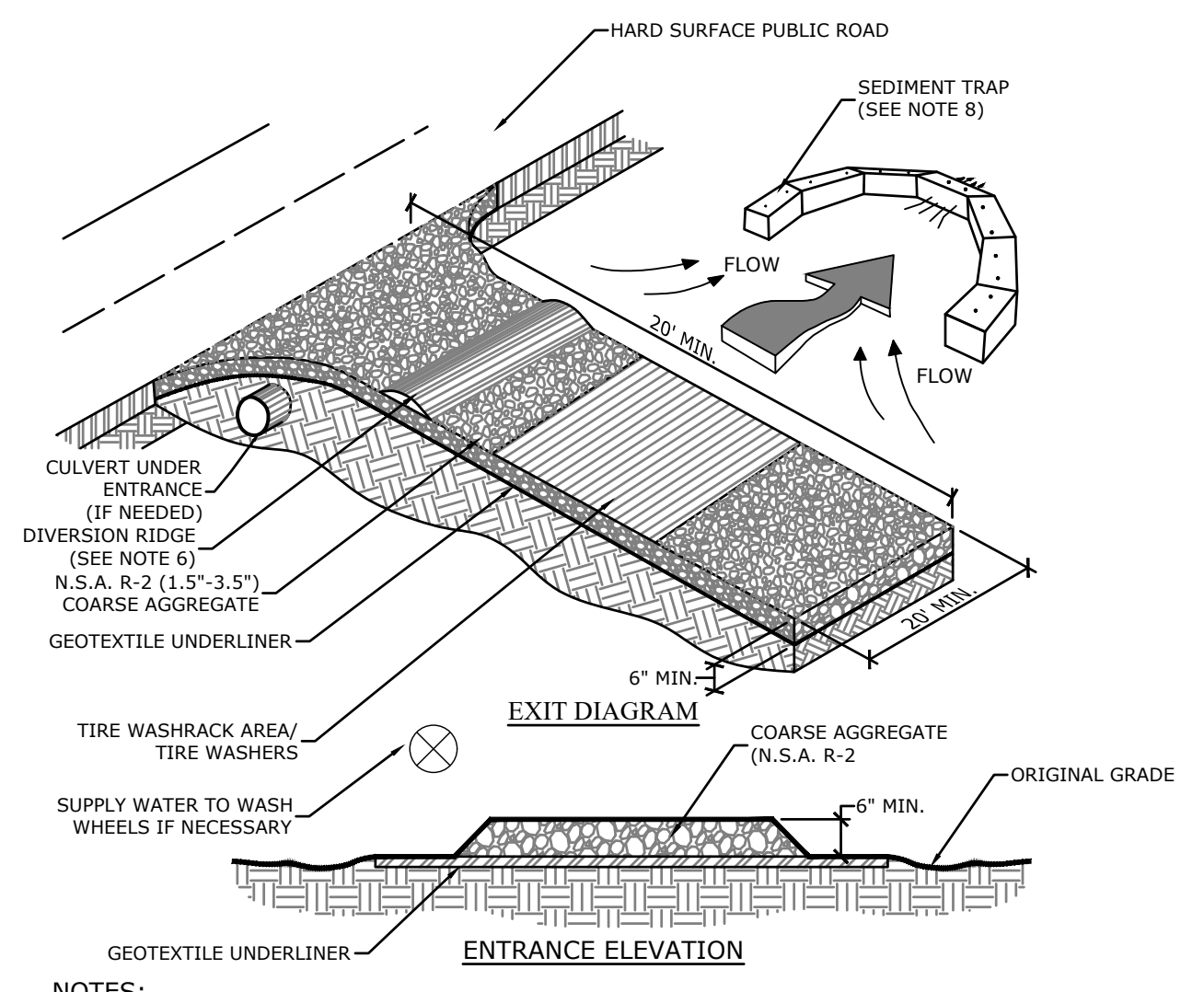
STONE SIZE:
WHEN UTILIZED AT INLETS WITH DIAMETERS LESS THAN 12 INCHES, THE FILTER RING SHALL BE CONSTRUCTED OF STONE NO SMALLER THAN 3-5 INCHES (15-30 LBS). WHEN UTILIZED AT PIPES WITH DIAMETERS GREATER THAN 12 INCHES, THE FILTER RING SHALL BE CONSTRUCTED OF STONE NO SMALLER THAN 10-15 INCHES (50-100 LBS).

HEIGHT:
THE FILTER RING SHALL BE CONSTRUCTED AT A HEIGHT NO LESS THAN TWO FEET FROM GRADE.

CONSTRUCTION SPECIFICATIONS:
MAY BE CONSTRUCTED ON NATURAL GROUND SURFACE, ON AN EXCAVATED SURFACE, OR ON MACHINE COMPACTED FILL.

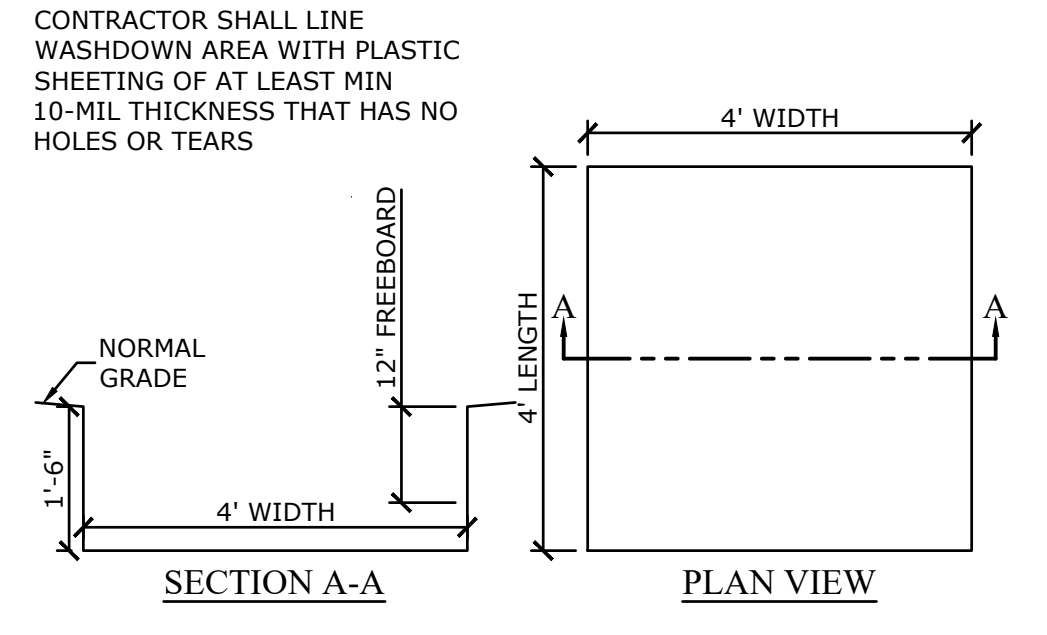
MAINTENANCE:
THE FILTER RING MUST BE KEPT CLEAR OF TRASH AND DEBRIS. THIS WILL REQUIRE CONTINUOUS MONITORING AND MAINTENANCE, WHICH INCLUDES SEDIMENT REMOVAL WHEN ONE-HALF FULL. STRUCTURES ARE TEMPORARY AND SHOULD BE REMOVED WHEN THE LAND-DISTURBING PROJECT HAS BEEN STABILIZED.

Fr STONE FILTER RING
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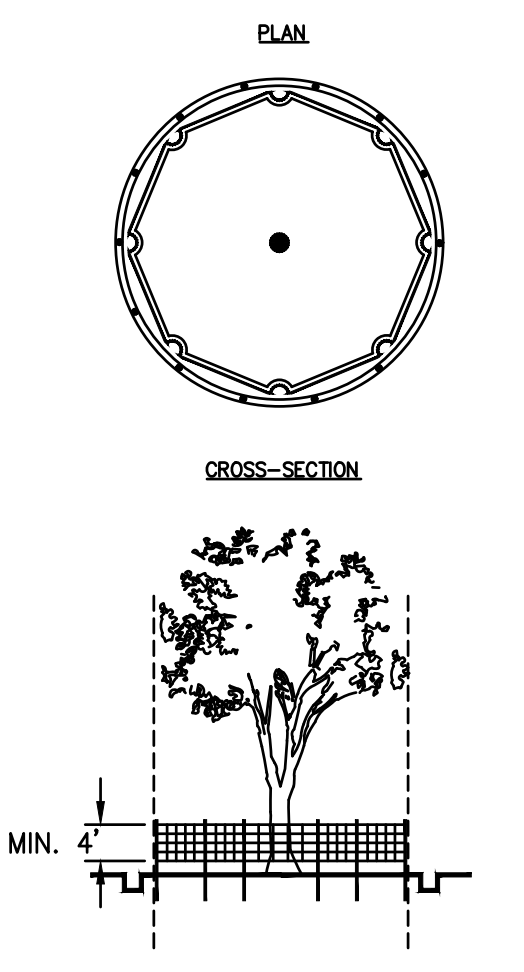


- NOTES:**
- AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
 - REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
 - AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
 - GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
 - PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20".
 - A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
 - INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
 - WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
 - WASHRACKS AND/OR TIRE WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND DIRT.
 - MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

1 **CRUSHED STONE CONSTRUCTION EXIT**
NOT TO SCALE **Co**



9 **CONCRETE WASHDOWN**
SCALE: NONE



- NOTES:**
- USE TRENCHER (I.E. DITCH WHICH) TO CUT A 4"-5" W X 18" D TRENCH ALONG DRIP LINE (LIMIT OF CLEARING) AND BACKFILL WITH SAND AND LIGHTLY COMPACT.
 - SPACE STAKES AT INTERVALS SUFFICIENT TO MAINTAIN ALL FENCING OUT OF DRIP LINE OR AS SHOWN BY ENGINEER (SET STAKES NO GREATER THAN 6 FEET ON CENTER-REBAR IS NOT TO BE USED FOR STAKES).
 - MAINTAIN FENCE BY REPAIRING AND/OR REPLACING DAMAGED FENCE. DO NOT REMOVE FENCING PRIOR TO LANDSCAPING OPERATIONS.
 - DO NOT STORE OR STACK MATERIALS, EQUIPMENT, OR VEHICLES WITHIN FENCED AREA.
 - FENCE SHALL BE ORANGE VINYL "SNOW FENCE" 4' HIGH MINIMUM.
- Tr** TREE PROTECTION
N.T.S.

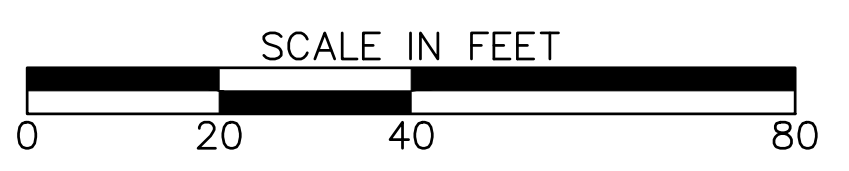
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Issue: 03/01/2020 Date: 03/01/2023

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REVISION DATES	

ESPC DETAILS
ATLANTA BELTLINE NORTHEAST TRAIL

CHECKED:	DATE:	DRAWING No. 56-002
BACKCHECKED:	DATE:	
CORRECTED:	DATE:	
VERIFIED:	DATE:	

