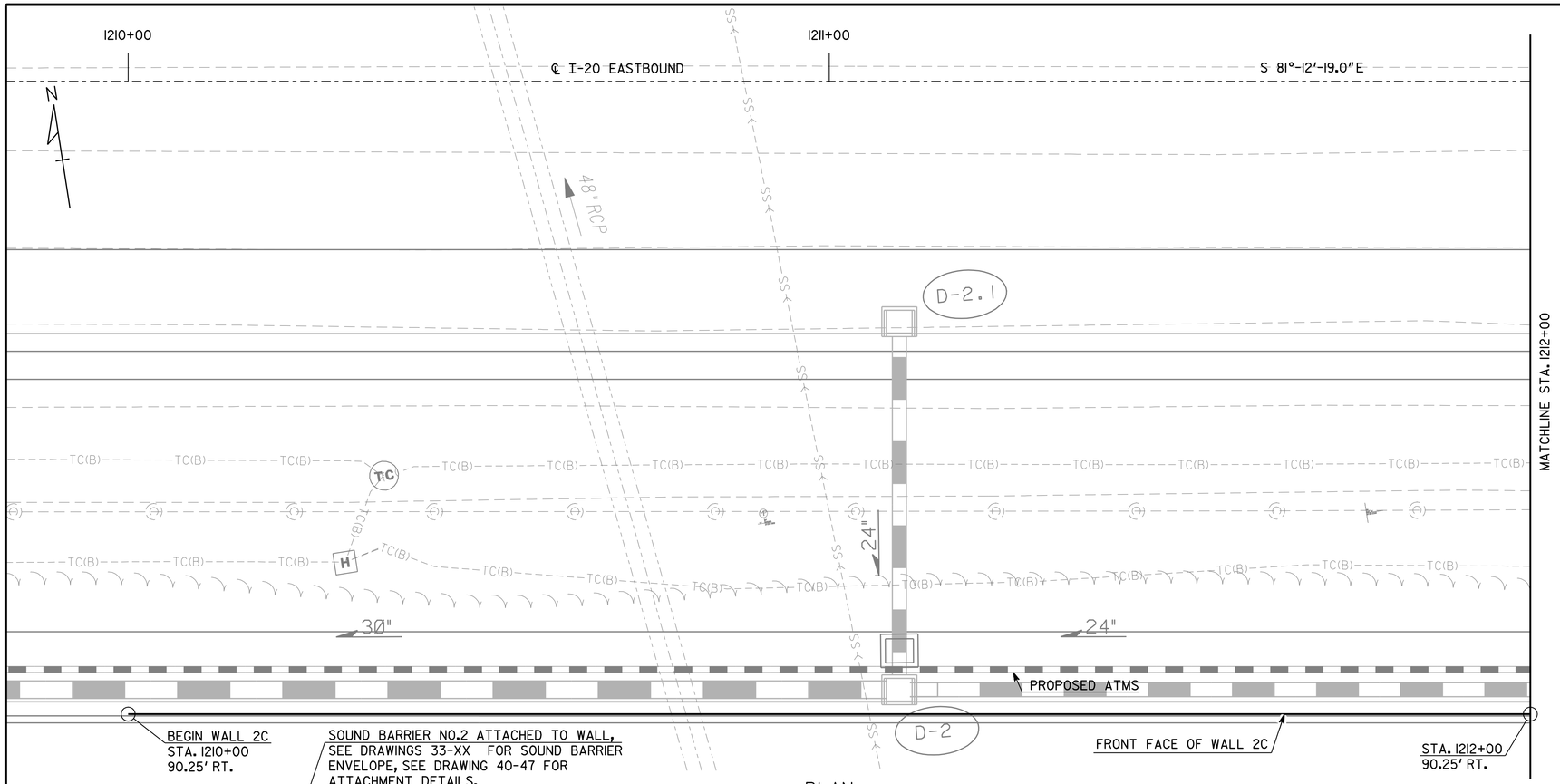
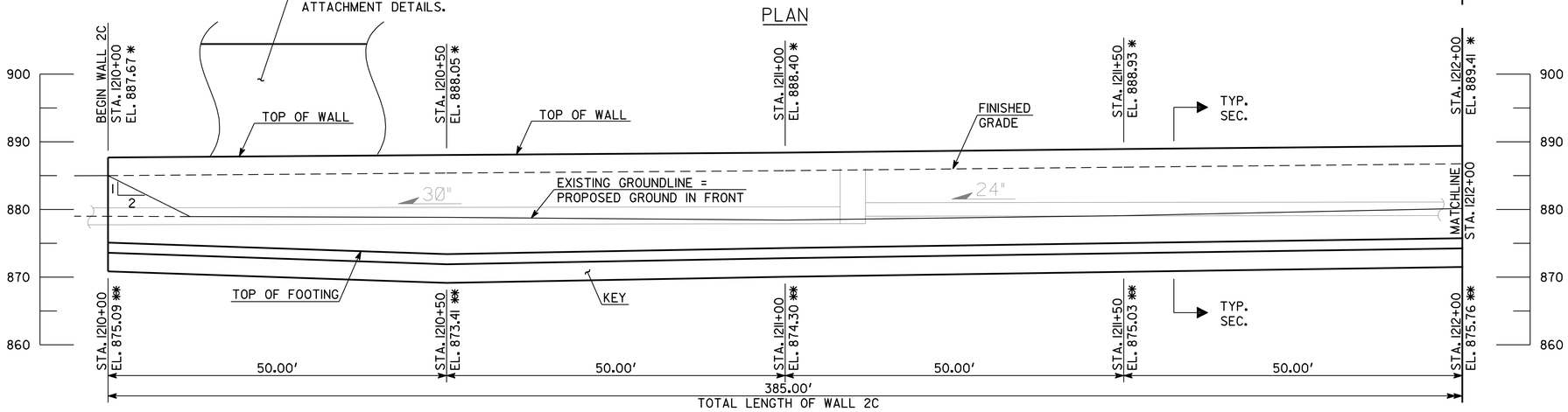


PLAN



EXIST. 48" RCP
STA. 1210+79.59
EL. 843.08

EXISTING 12"
SANITARY SEWER
STA. 1211+05.71
EL. 772.06

ELEVATION

LOOKING AT FRONT FACE OF WALL

PVI STA. 1210+00	PVI STA. 1210+50	PVI STA. 1211+00	PVI STA. 1211+50	PVI STA. 1212+00
EL. 887.25	EL. 887.56	EL. 887.99	EL. 888.47	EL. 888.87
+0.620%	+0.870%	+0.940%	+0.810%	

PROFILE GRADE DATA
I-20 EASTBOUND CD

NOTES:
1. * ELEVATION OF TOP OF WALL AT BACK FACE, TYP.
2. ** ELEVATION AT TOP OF FOOTING, TYP.

THIS PLAN SET IS SEALED ONLY FOR THE AS-BUILT CONDITIONS DOCUMENTED THROUGH THE R.F.I. AND RED LINE PROCESS BY THE CONTRACTOR. THIS DOCUMENT WAS ORIGINALLY SEALED BY ALBERT W. BOWMAN, LICENSE NO. 24732 ON DECEMBER 5, 2011.

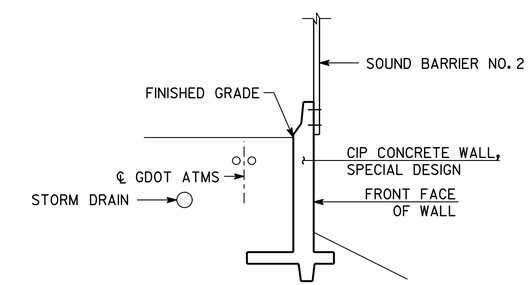
THIS MEDIA SHALL NOT BE CONSIDERED A CERTIFIED DOCUMENT AS TO THE ORIGINAL DOCUMENT BUT CERTIFIED ONLY AS TO THE REVISIONS.

WALL NO. 2C DESIGN DATA

SPECIFICATIONS	AASHTO 17TH EDITION, 2002
CONCRETE	CLASS A, f'_c = 3,000 PSI
REINFORCEMENT STEEL	GRADE 60, f_y = 60,000 PSI
DESIGN SOIL PRESSURE	3000 PSF
COHESION	0 PSF
ANGLE OF INTERNAL FRICTION	28°
UNIT WEIGHT	120 PCF
COEFFICIENT OF SLIDING FRICTION	0.35

SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
500-3107	613	CY	CLASS A CONCRETE, RETAIN WALL
511-1000	55982	LB	BAR REINF STEEL



TYPICAL SECTION
SCALE: NONE
SEE DRAWING 31-26 FOR DETAILS

WALL NO. 2C

THE LPA GROUP
A UNIT OF MICHAEL BAKER CORPORATION

THE LPA GROUP INCORPORATED
TRANSPORTATION CONSULTANTS
3595 ENGINEERING DRIVE
NORCROSS, GEORGIA 30092
(770) 263-9118

12/5/11
GEORGIA REGISTERED PROFESSIONAL ENGINEER NO. 24732
ALBERT W. BOWMAN

DATE	REVISIONS	BY

GEORGIA
DEPARTMENT OF TRANSPORTATION
ENGINEERING DIVISION-OFFICE OF BRIDGES AND STRUCTURES

WALL PLAN AND ELEVATION - CIP
I-20 CD LANES

DEKALB COUNTY 0009542

DRAWING NO. 31-09
WALL SHEET 1 OF 2

SCALE: 1" = 10'-0"
DECEMBER 2011

DESIGNED BSB
DRAWN BSB
CHECKED ANZ
DESIGN GROUP AWB
REVIEWED WEI/WMD
APPROVED BFR