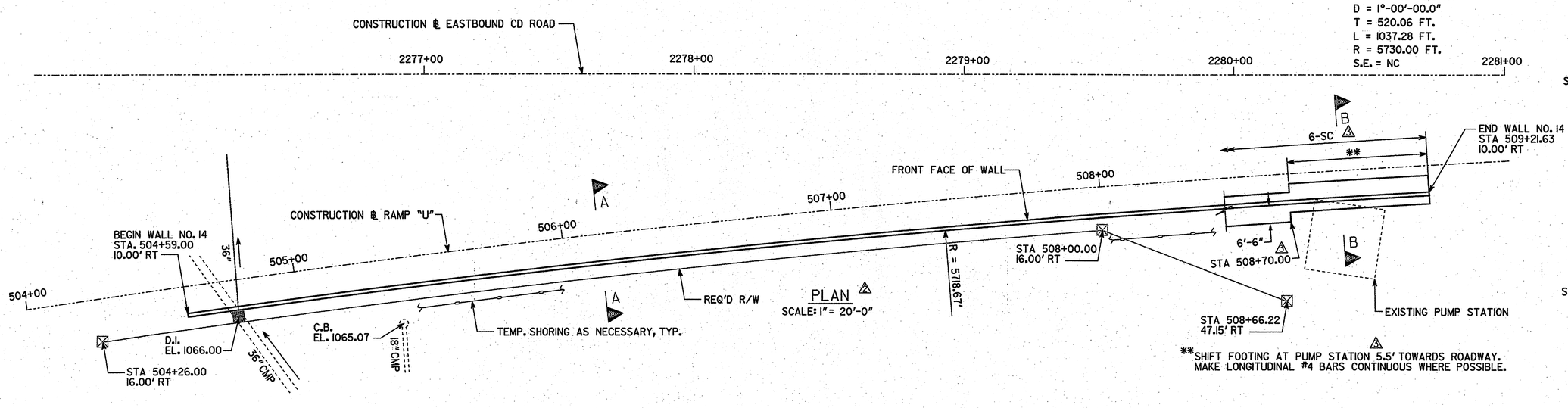
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	MSL00-0004-00(086)	866	1236

HORIZONTAL CURVE DATA

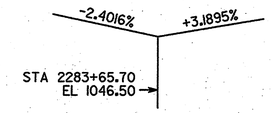
PI STA = 507+32.73 RAMP U
Δ = 10°-22'-19.0"RT
D = 1°-00'-00.0"
T = 520.06 FT.
L = 1037.28 FT.
R = 5730.00 FT.
S.E. = NC



PLAN

SCALE: 1" = 20'-0"

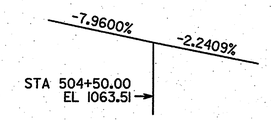
**SHIFT FOOTING AT PUMP STATION 5.5' TOWARDS ROADWAY. MAKE LONGITUDINAL #4 BARS CONTINUOUS WHERE POSSIBLE.



900 FT V.C.

GRADE DATA

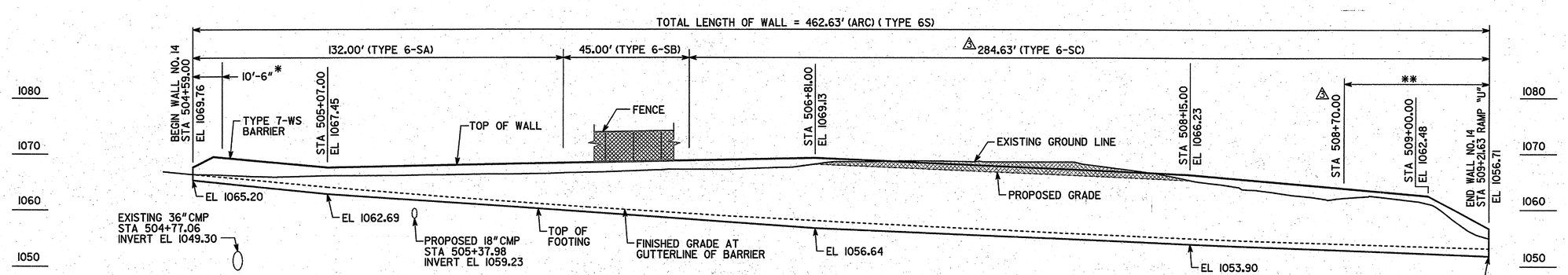
EB CD ROAD



500 FT V.C.

GRADE DATA

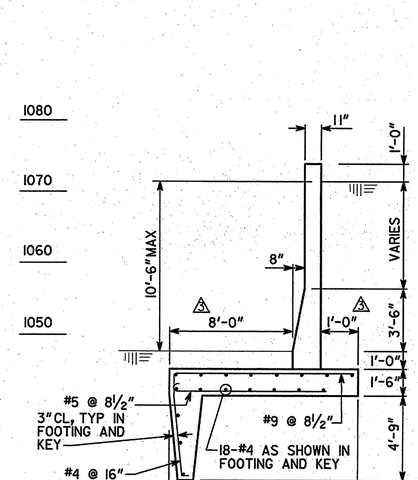
RAMP "U"



* THE TRANSITION TO GUARDRAIL ATTACHMENT. DIMENSIONS AND REINFORCING MATCH TYPE 7-TS BARRIER.

ELEVATION

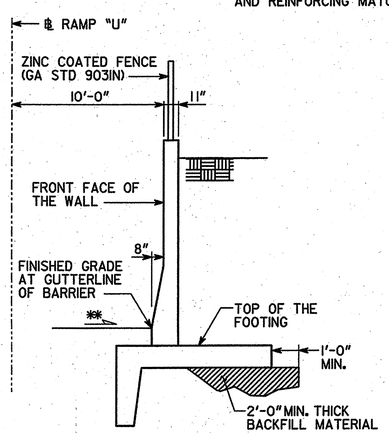
SCALE: 1" = 20'-0" HORIZONTAL
SCALE: 1" = 10'-0" VERTICAL
LOOKING OF BACK FACE OF WALL



PLACE REINF. IN FOOTING AND KEY AS SHOWN. SEE STANDARD 6-SC SIDE BARRIER FOR ADDITIONAL REINF. AND INFORMATION.

SECTION B-B

NO SCALE



** SEE ROADWAY FOR SUPERELEVATION DATA.

SECTION A-A

NO SCALE

NOTES

1. STATIONS SHOWN ARE ALONG CONSTRUCTION ℄ RAMP "U" OR EB CD ROAD. OFFSETS ARE GIVEN TO FRONT FACE OF WALL.
2. ELEVATIONS SHOWN ARE AT TOP OF WALL OR PARAPET AND BOTTOM OF FRONT FACE OF WALL.
3. SEE ROADWAY PLANS FOR DRAINAGE STRUCTURE DETAILS.
4. SEE ROADWAY PLANS FOR GUARDRAIL ATTACHMENT, DETAILS AND PAYMENT.
5. CONTRACTOR NEED TO VERIFY UTILITIES LOCATION BEFORE ANY CONSTRUCTION BEGIN.
6. SOFT/LOOSE SOILS FROM BENEATH THE CANTILEVER RETAINING WALL FOOTING BE UNDERCUT TO A DEPTH OF 2 FEET AND REPLACED WITH COMPACTED WALL BACKFILL AT STA 504+55± TO STA 505+50±.
7. SEE GA STD 4948C FOR DETAILS OF SIDE BARRIERS.

GEORGIA STANDARDS

BAR BENDING DETAILS ---------- GA. STD. 3901 (8-69)
△ CONCRETE SIDE BARRIER TYPE 6-SA, 6-SB, AND 6-SC ------ SPECIAL CONSTRUCTION DETAIL (9-97)
GUARDRAIL ATTACHMENT DETAILS ---------- GA. STD. 3054

△ SUMMARY OF QUANTITIES

PAY ITEM NUMBER	QUANTITY	UNIT	PAY ITEM
207-0203	63	CY	FOUND BKFILL MATL, TYPE II
△ 621-4061	132 ~~147~~	LF	CONCRETE SIDE BARRIER, TYPE 6-SA
621-4062	45 ~~63~~	LF	CONCRETE SIDE BARRIER, TYPE 6-SB
△ 621-4063	285 ~~253~~	LF	CONCRETE SIDE BARRIER, TYPE 6-SC
643-1152	463	LF	CH LK FENCE, ZC COAT, 6 FT, 9 GA

GEORGIA REGISTERED No. 19026 PROFESSIONAL ENGINEER PAUL VERNON BURRYLL
11/26/2012

REVISIONS	BY	DATE
REVISED STD CALLOUT	BLB	6-14-11
REVISED FOOTING	BLB	12-22-11
REVISED FOOTING	BLB	10-24-12

DRAWING NO. 32-007
WALL SHEET 7 OF 8

GEORGIA
DEPARTMENT OF TRANSPORTATION
PRECONSTRUCTION DIVISION-OFFICE OF BRIDGE DESIGN

PLAN AND ELEVATION
WALL AT RAMP - U
SR 316 PHASE I

GWINNETT COUNTY MSL00-0004-00(086)

WALL NO. 14

SCALE: AS SHOWN OCTOBER 2010

DESIGNED YBG CHECKED BLB REVIEWED WMD/WEI
DRAWN YBG/CAB DESIGN GROUP X APPROVED PVL

PBSJ

USE ON CONSTRUCTION

11/26/2012
M:\GDOT\SR316 I-985\Phase I\Walls\Wall14.dgn