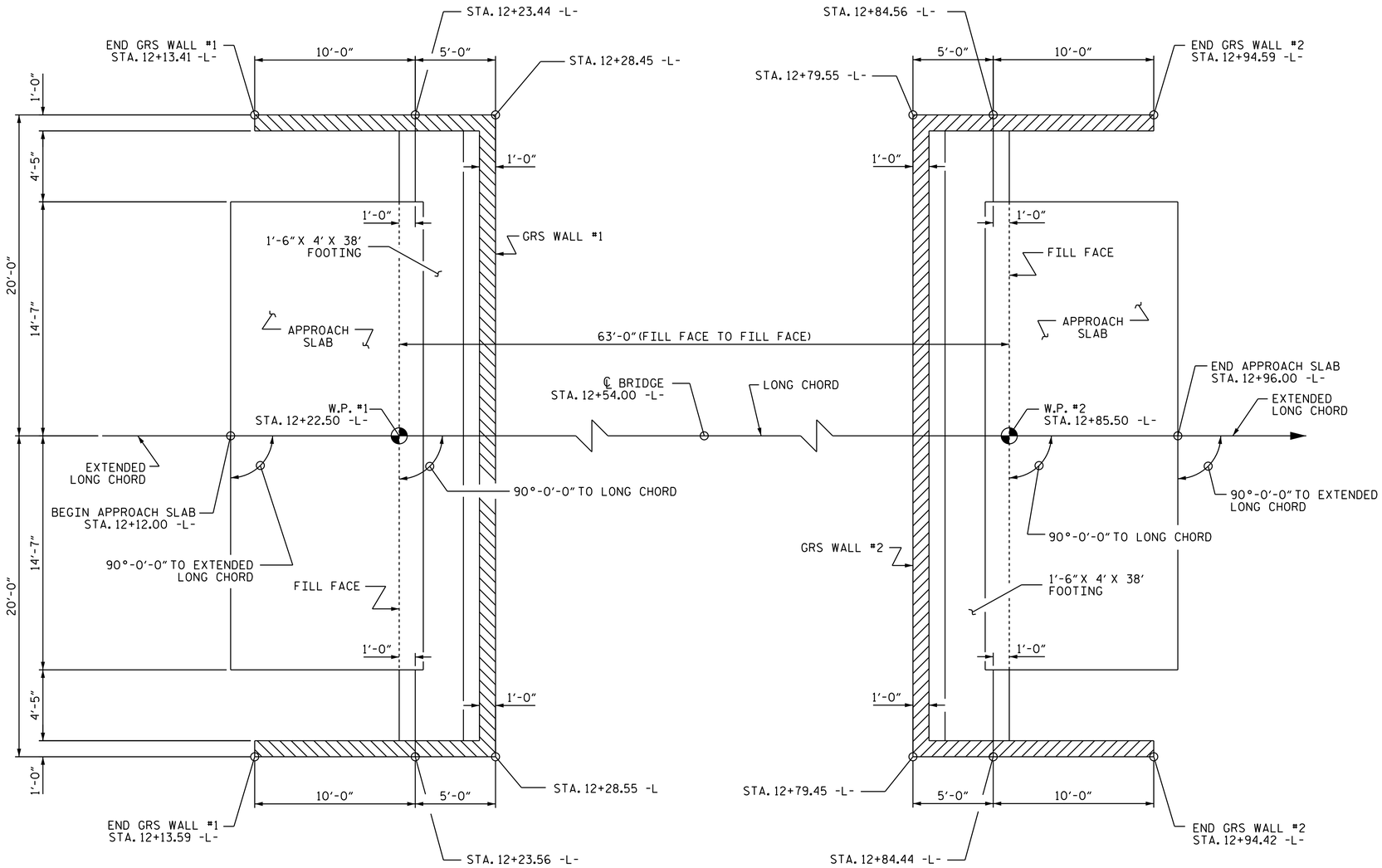


FOOTING & GRS WALL PLAN

GENERAL NOTES

THE EFFECTS OF THE HORIZONTAL CURVE SHALL BE NEGLECTED IN THE CONSTRUCTION OF THE BRIDGE AND APPROACH SLABS. THE BRIDGE IS TO BE BUILT ALONG THE LONG CHORD BETWEEN THE WORK POINTS AT THE FILL FACES. THE APPROACH SLABS ARE TO BE BUILT ALONG THE EXTENDED LONG CHORD FROM THE BRIDGE.

THE DISTANCES SHOWN TO THE OUTSIDE EDGES OF APPROACH SLABS AND THE OUTSIDE EDGES OF GRS WALLS IN THE "FOOTING & GRS WALL PLAN" ARE MEASURED NORMAL TO THE LONG CHORD AND EXTENDED LONG CHORDS. THESE DISTANCES ARE SHOWN AT END BENT #1 AND ARE SIMILAR AT END BENT #2.

THE LONG CHORD ON THE BRIDGE AND THE EXTENDED LONG CHORDS ON THE APPROACH SLABS ARE SHOWN IN THE "FOOTING & GRS WALL PLAN"; THE CURVED SURVEY LINE NOT SHOWN FOR CLARITY.

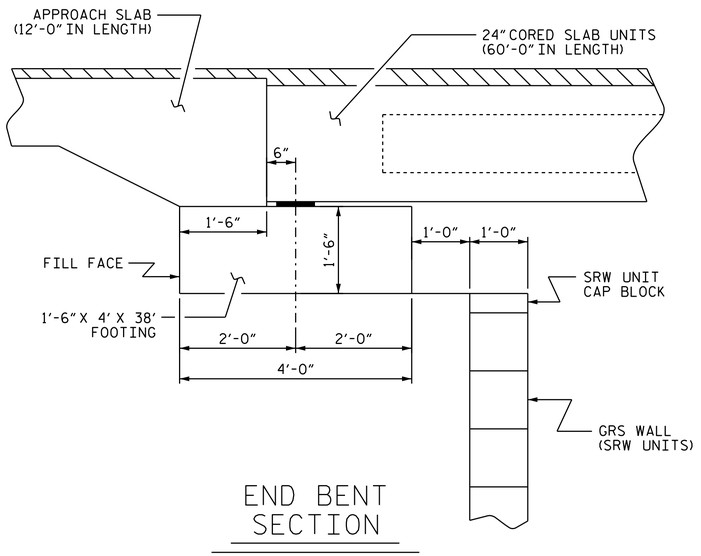
GRS WALL NOTES

PRIOR TO GRS WALL CONSTRUCTION, THE EXISTING GROUND BELOW THE WALL LOCATIONS WILL BE EXCAVATED TO THE ROCK LINE.

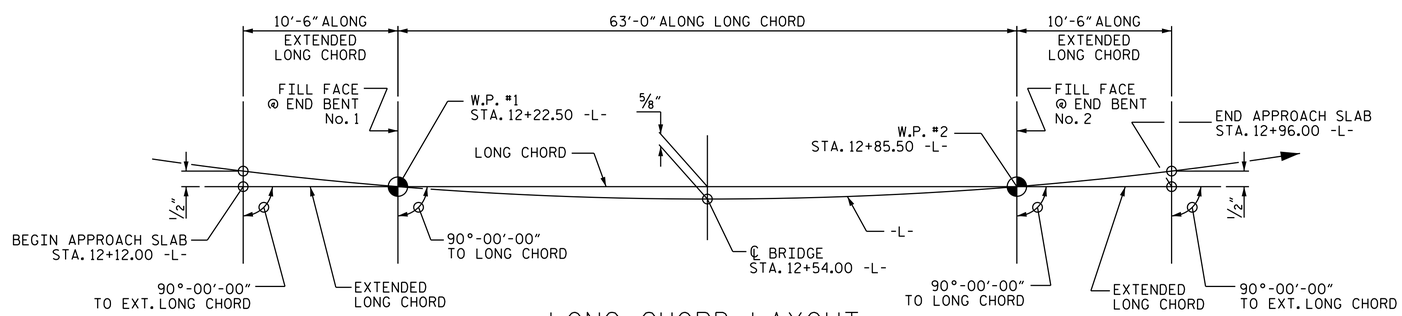
THE ROCK LINE IS LOCATED AT ELEVATION 287.00 NEAR END BENT #1 AND ELEVATION 288.00 NEAR END BENT #2.

A REINFORCED SOIL FOUNDATION (RSF) WILL BE PLACED ABOVE THE ROCK LINE UNDER THE GRS WALLS NEAR EACH END BENT, FILLING TO ELEVATION 291.00. SEE "REINFORCED SOIL FOUNDATION" SHEET FOR THE LIMITS OF THE RSF.

THE WALL DIMENSIONS SHOWN IN THE "FOOTING & GRS WALL PLAN" ARE AT THE TOP OF THE WALL. WHEN CONSTRUCTING THE WALL STARTING FROM THE BOTTOM, THESE DIMENSIONS SHOULD BE ADJUSTED TO ACCOUNT FOR THE INTENDED WALL BATTER.



END BENT SECTION



LONG CHORD LAYOUT

PROJECT NO. B-5935

ANSON COUNTY

STATION: 12+54.00 -L-

SHEET 2 OF 3 REPLACES BRIDGE No. 201

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

GENERAL DRAWING

FOR BRIDGE OVER
BIG BRANCH CREEK
ON SR-1600 BETWEEN
SR-1603 AND SR-1608

NORTH CAROLINA PROFESSIONAL SEAL 033139 ENGINEER TODD M. GARRISON

DocuSigned by:
61EAF7523943466...
8/3/2015

REVISIONS						
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			
2			4			

SHEET NO. S-2
TOTAL SHEETS 17

DRAWN BY : T. M. GARRISON, P.E. DATE : 2/15
CHECKED BY : T. P. GARRETT, P.E. DATE : 2/15
DESIGN ENGINEER OF RECORD: T. M. GARRISON, P.E. DATE : 2/15

17-JUL-2015 10:29
S:\DEV\Squad_D\Anson Co Bridge (17BP.10.R.55)\B5935\Final Plans dgn\B5935_SMU_GD.dgn
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