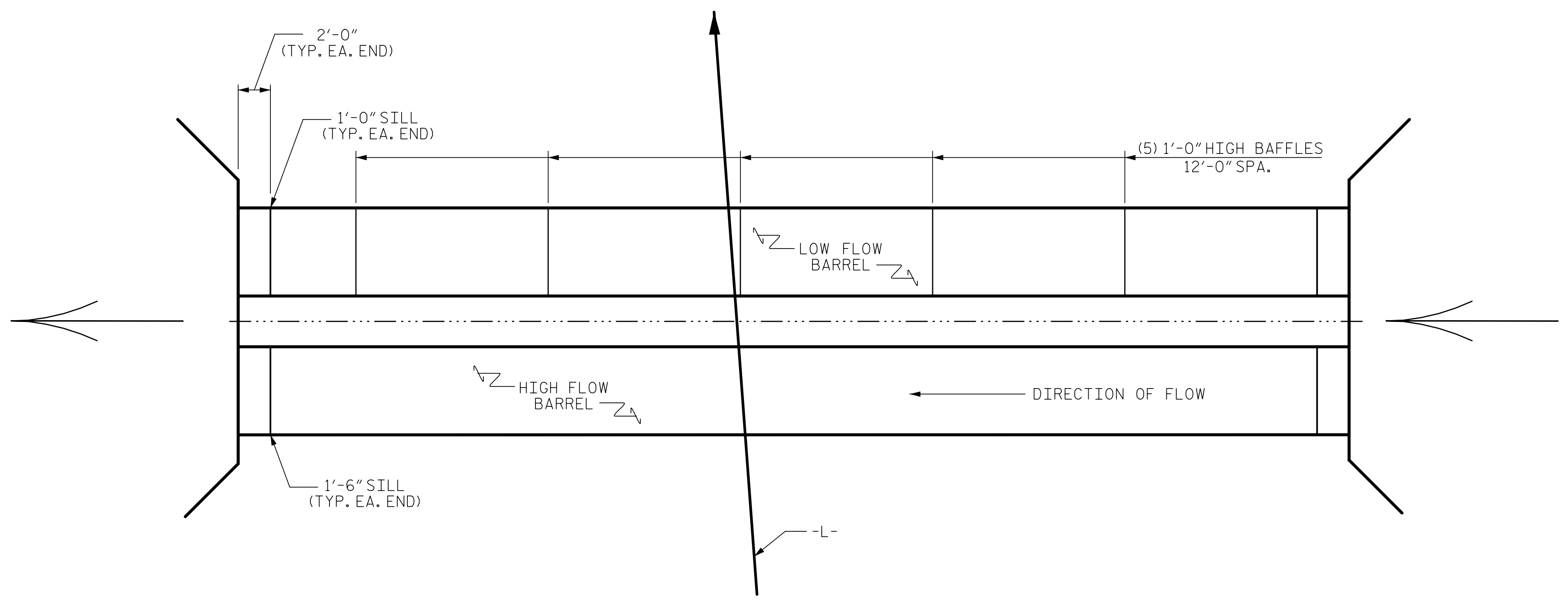


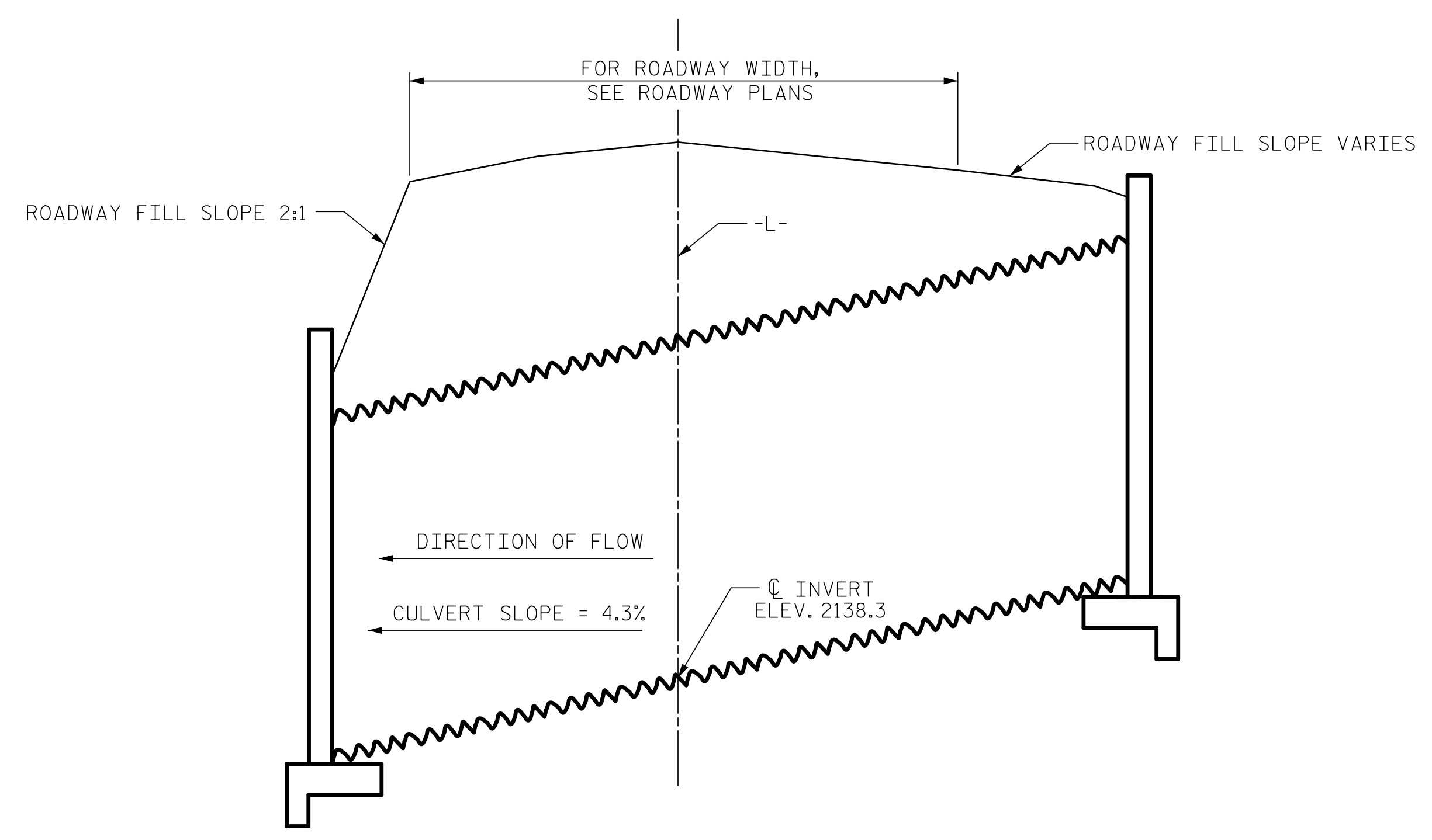
ELEVATION
(LOOKING DOWNSTREAM)



FLOOR SILL LAYOUT

NOTES:

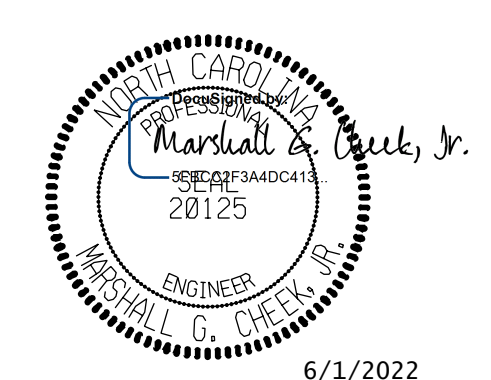
- PLACE A 3" Ø WEEP HOLE IN THE HIGH FLOW SILL AT THE OUTLET END.
- NATIVE MATERIAL EXCAVATED FROM THE EXISTING STREAM BED OR FLOOD PLAIN SHALL BE STOCKPILED AND LATER PLACED IN THE PROPOSED CULVERT BETWEEN SILLS TO PROVIDE A CONTINUOUS FLOW CHANNEL. RIP RAP MAY BE USED TO SUPPLEMENT THE NATIVE MATERIAL. IF RIP RAP IS USED, NATIVE MATERIAL SHALL BE PLACED ON TOP TO FILL VOIDS AND PROVIDE A LEVEL SURFACE FOR ANIMAL PASSAGE. NATIVE MATERIAL IS SUBJECT TO APPROVAL BY THE ENGINEER AND MAY BE SUBJECT TO PERMIT CONDITIONS.
- THE ENTIRE COST OF WORK REQUIRED TO PLACE THE EXCAVATED MATERIAL SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE BID FOR CULVERT EXCAVATION.
- THE ENTIRE COST OF THE SILLS SHALL BE INCLUDED IN THE LUMP SUM PRICE BID FOR CORRUGATED ALUMINUM PIPE CULVERT.



CULVERT SECTION NORMAL TO ROADWAY

PROJECT NO. A-0009CA
GRAHAM COUNTY
 STATION: 144+74.50 -L-

SHEET 4 OF 4



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
**CORRUGATED ALUMINUM
 PIPE CULVERT
 94° SKEW**

DRAWN BY : ZCS DATE : 12/21
 CHECKED BY : MGC DATE : 1/22

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED
TGS ENGINEERS
 706 HILLSBOROUGH STREET
 SUITE 200
 RALEIGH, NC 27603
 PH (919) 773-8887
 CORP. LICENSE NO.: C-0275

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			C5-4
2			4			TOTAL SHEETS 4