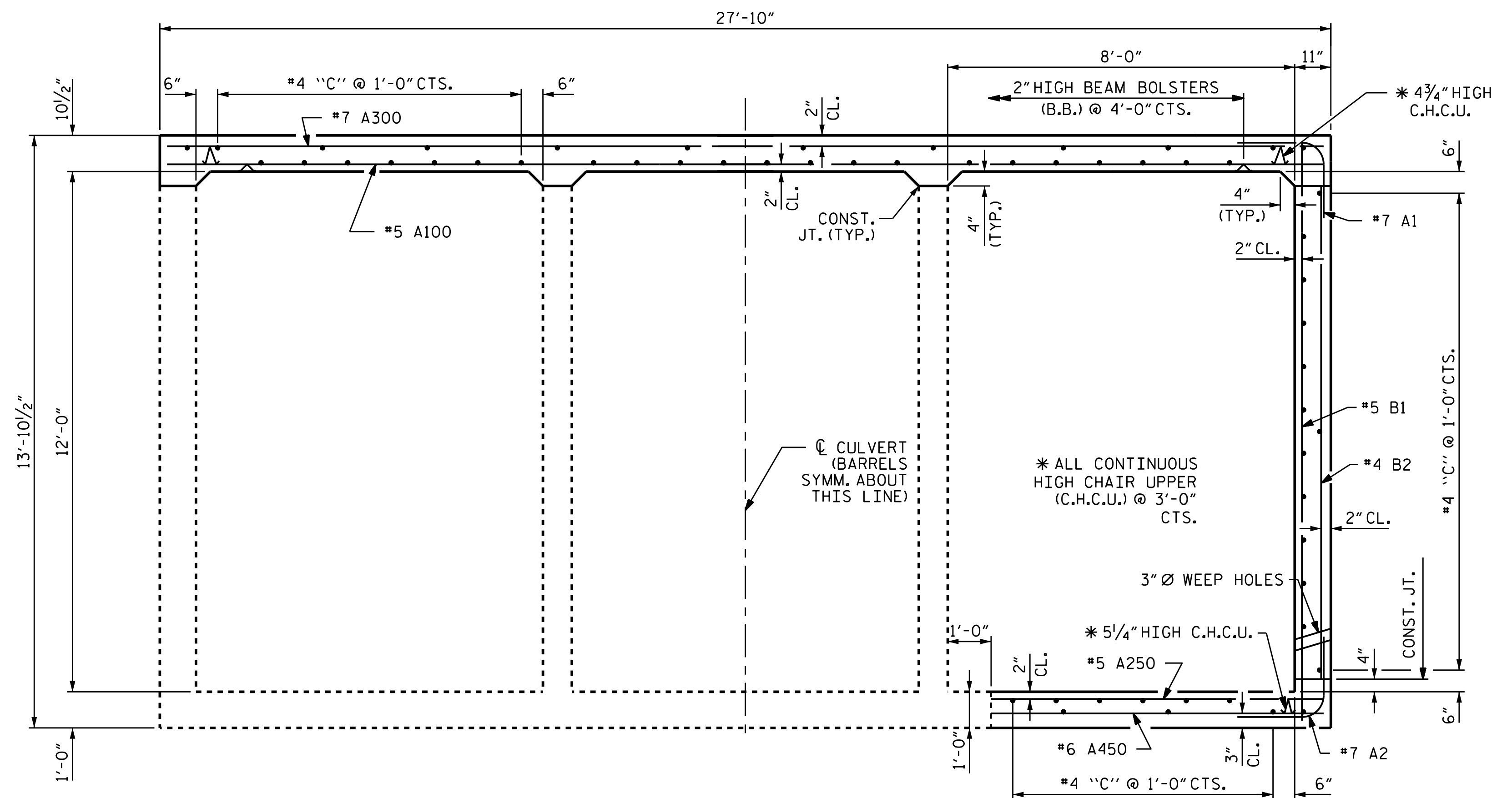


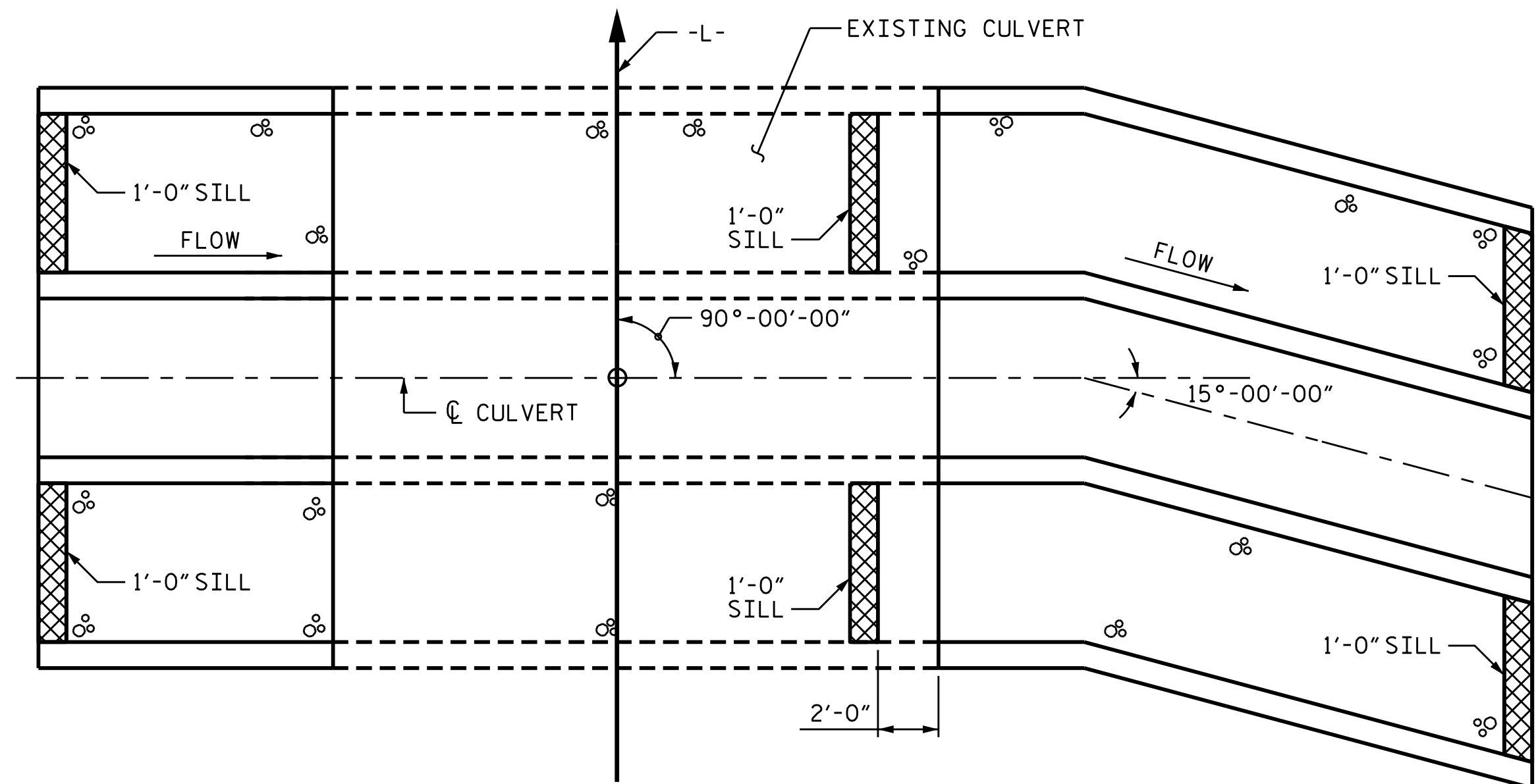
RIGHT ANGLE SECTION OF BARREL

THERE ARE 61 "C" BARS IN SECTION OF BARREL (PHASE I - LOOKING DOWNSTREAM)

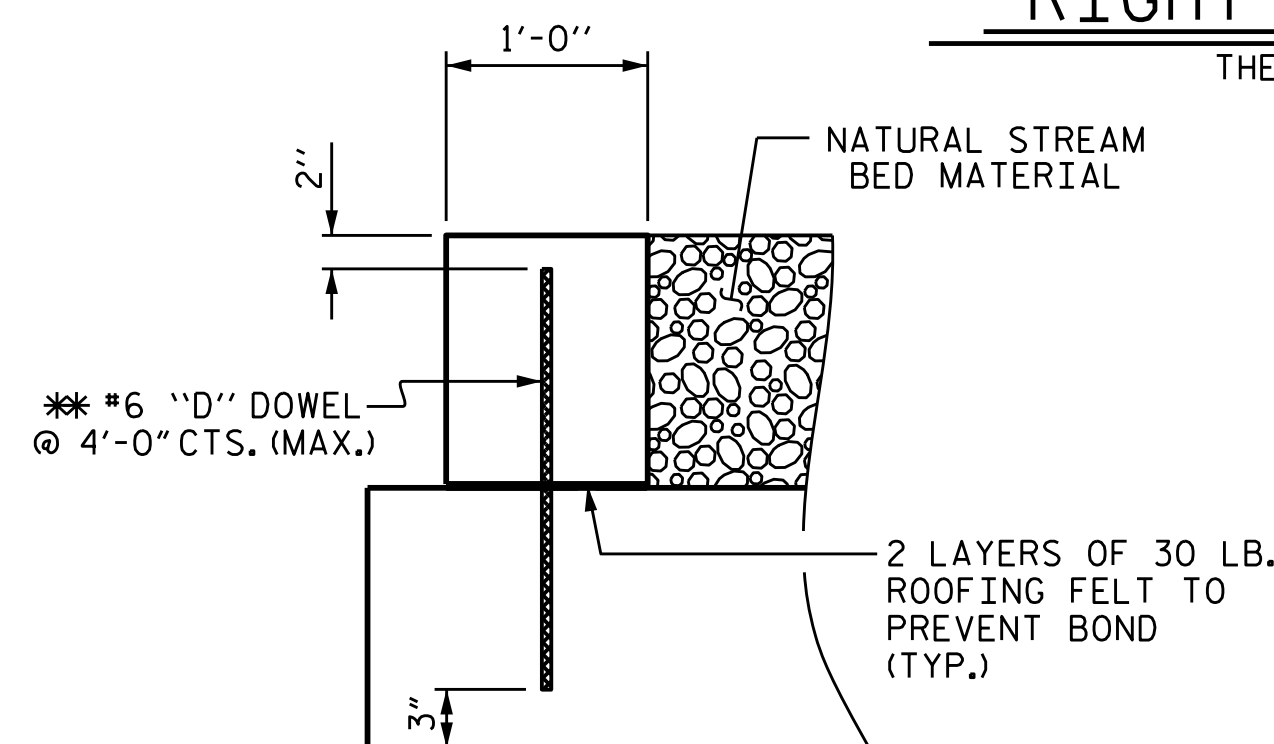


RIGHT ANGLE SECTION OF BARREL

THERE ARE 57 "C" BARS IN SECTION OF BARREL (PHASE II - LOOKING DOWNSTREAM)



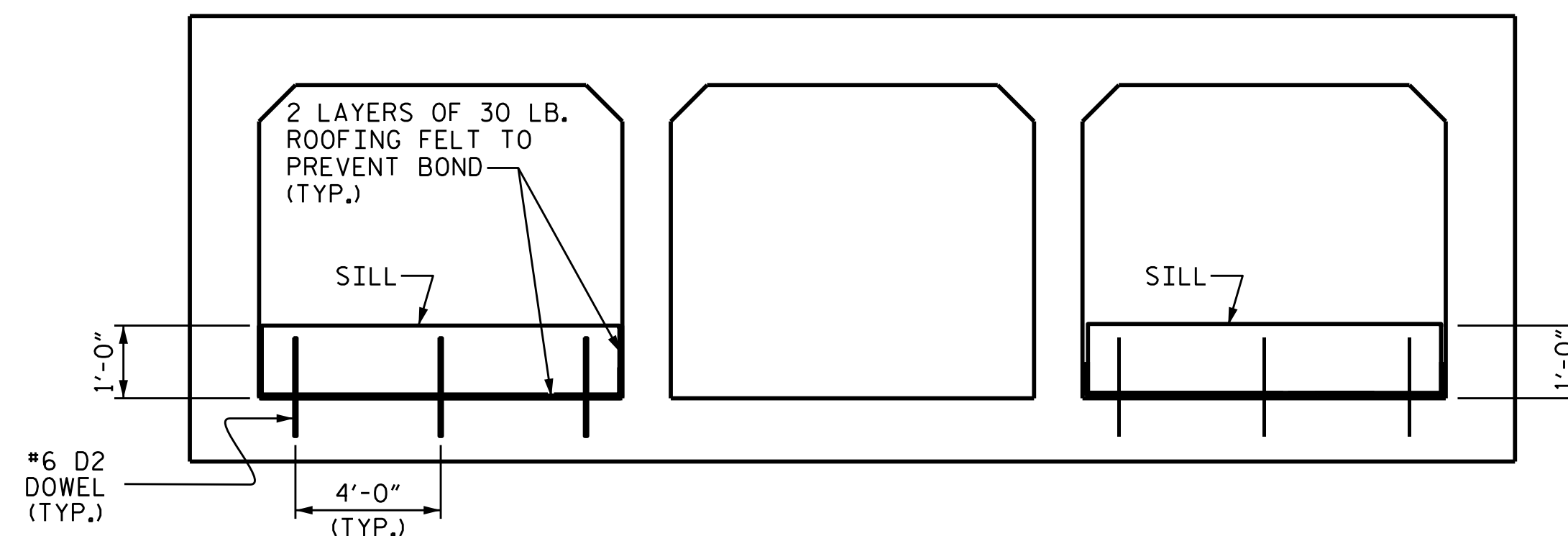
PLAN OF FLOOR SILLS



SECTION THROUGH SILL

* DOWELS MAY BE PUSHED INTO GREEN CONCRETE AFTER SLAB HAS BEEN FLOAT FINISHED.

DOWELS SHALL BE DRILLED AND GROUTED FOR SILLS LOCATED IN EXISTING CULVERT.



ELEVATION

SILL DETAILS

(LOOKING DOWNSTREAM)

NOTES

MATERIAL EXCAVATED FROM THE EXISTING BED SHALL BE STOCKPILED FOR USE IN THE PROPOSED CULVERT AS SHOWN IN THE "PLAN OF FLOOR SILLS." BED MATERIAL SHALL BE SUPPLEMENTED WITH CLASS I RIP RAP AS NECESSARY. BED MATERIAL SUBJECT TO APPROVAL BY THE ENGINEER.

THE ENTIRE COST OF WORK REQUIRED TO PLACE EXCAVATED MATERIAL OR SUPPLEMENTAL MATERIAL AS SHOWN ON THE PLANS SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE BID FOR CULVERT EXCAVATION.

THE ENTIRE COST OF WORK REQUIRED TO CONSTRUCT THE SILLS SHALL BE INCLUDED IN THE VARIOUS PAY ITEMS.

THE STOCKPILED MATERIAL SHALL BE PLACED AS SHOWN IN THE "PLAN OF FLOOR SILLS." THE MATERIAL SHALL BE PLACED TO THE LEVEL OF THE TOP OF THE SILLS. NO MATERIAL SHALL BE PLACED IN THE MIDDLE BARREL.

PROJECT NO. U-3633
GASTON COUNTY
 STATION: 54+22.00 -L-

SHEET 2 OF 13

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

TRIPLE 8 FT. X 12 FT. CONCRETE BOX CULVERT

(LEFT AND RIGHT EXTENSIONS)



3/31/2017

DRAWN BY: N.D. AIUTO DATE: 7/30/16
 CHECKED BY: H.A. LOCKLEAR DATE: 8/4/16
 DESIGN ENGINEER OF RECORD: H.A. LOCKLEAR DATE: 11/16

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO. C-2
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 13
2			4			