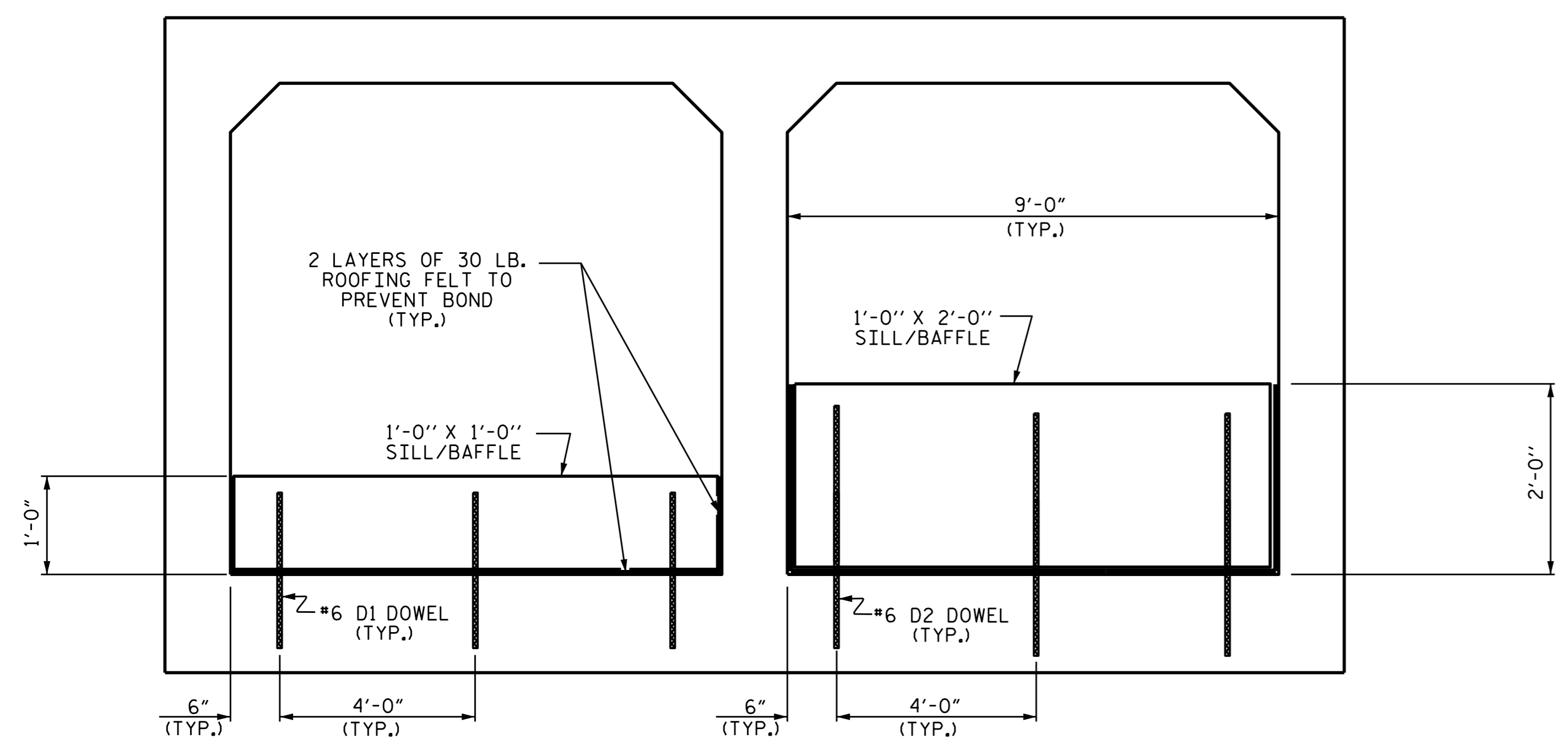


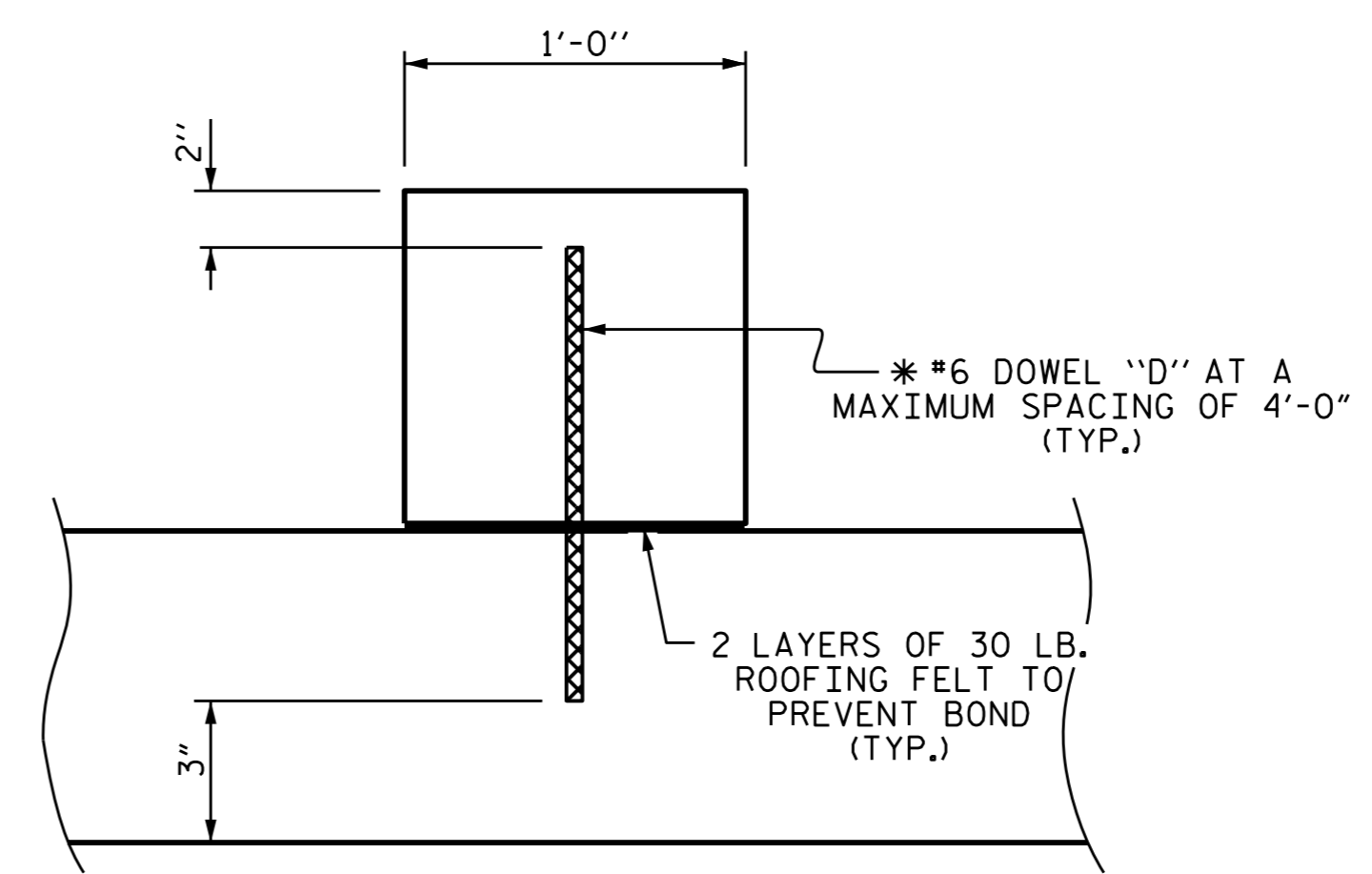
PLAN VIEW SHOWING SILL/BAFFLE LOCATIONS

NOTES

- MATERIAL EXCAVATED FROM THE EXISTING BED SHALL BE STOCKPILED FOR USE IN THE PROPOSED CULVERT AND SHALL PROVIDE A CONTINUOUS LOW FLOW CHANNEL AS SHOWN. THE MATERIAL SHALL BE NATURAL STONE WITH A GRADATION SIZE SIMILAR TO THAT OF CLASS B RIP RAP. STONES LARGER THAN 6 INCHES SHALL NOT BE PLACED WITHIN THE LOW FLOW CHANNEL. BED MATERIAL SHALL BE SUBJECT TO APPROVAL BY THE ENGINEER.
- THE STOCKPILED MATERIAL SHALL BE PLACED TO PROVIDE A 1 FOOT DEPTH IN THE LOW FLOW CULVERT BARREL, AND SHALL BE PLACED TO THE LEVEL OF 2 FEET BETWEEN THE HIGH FLOW SILLS.
- THE TOP OF BED MATERIAL IN THE LOW FLOW CULVERT BARREL SHOULD MATCH THE STREAM BED ELEVATION.
- BED MATERIAL SHALL BE SUPPLEMENTED BY CLASS B RIP RAP AS NECESSARY IN THE HIGH FLOW BARREL ONLY.
- BED MATERIAL SHALL BE PLACED ON TOP OF THE SUPPLEMENTAL FILL, IF USED, TO PROVIDE A FLAT SURFACE FOR ANIMAL PASSAGE.
- THE ENTIRE COST OF WORK REQUIRED TO PLACE EXCAVATED 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.



ELEVATION  
LOOKING DOWNSTREAM



SECTION THROUGH SILL/BAFFLE

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

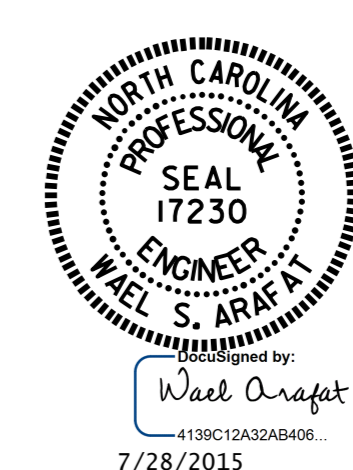
CULVERT SILL/BAFFLE DETAILS

PROJECT NO. R-2915A  
WATAUGA/ASHE COUNTY  
 STATION: 66+11.00 -L-

SHEET 6 OF 9

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

DOUBLE 9'-0" X 6'-0"  
 CONCRETE BOX CULVERT



REVISIONS						SHEET NO. C-6
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			TOTAL SHEETS 20
2			4			

DRAWN BY: V.X. NGUYEN DATE: 1-27-15  
 CHECKED BY: H.T. BARBOUR DATE: 5-1-15  
 DESIGN ENGINEER OF RECORD: J.P. MCCARTHA DATE: 6-15