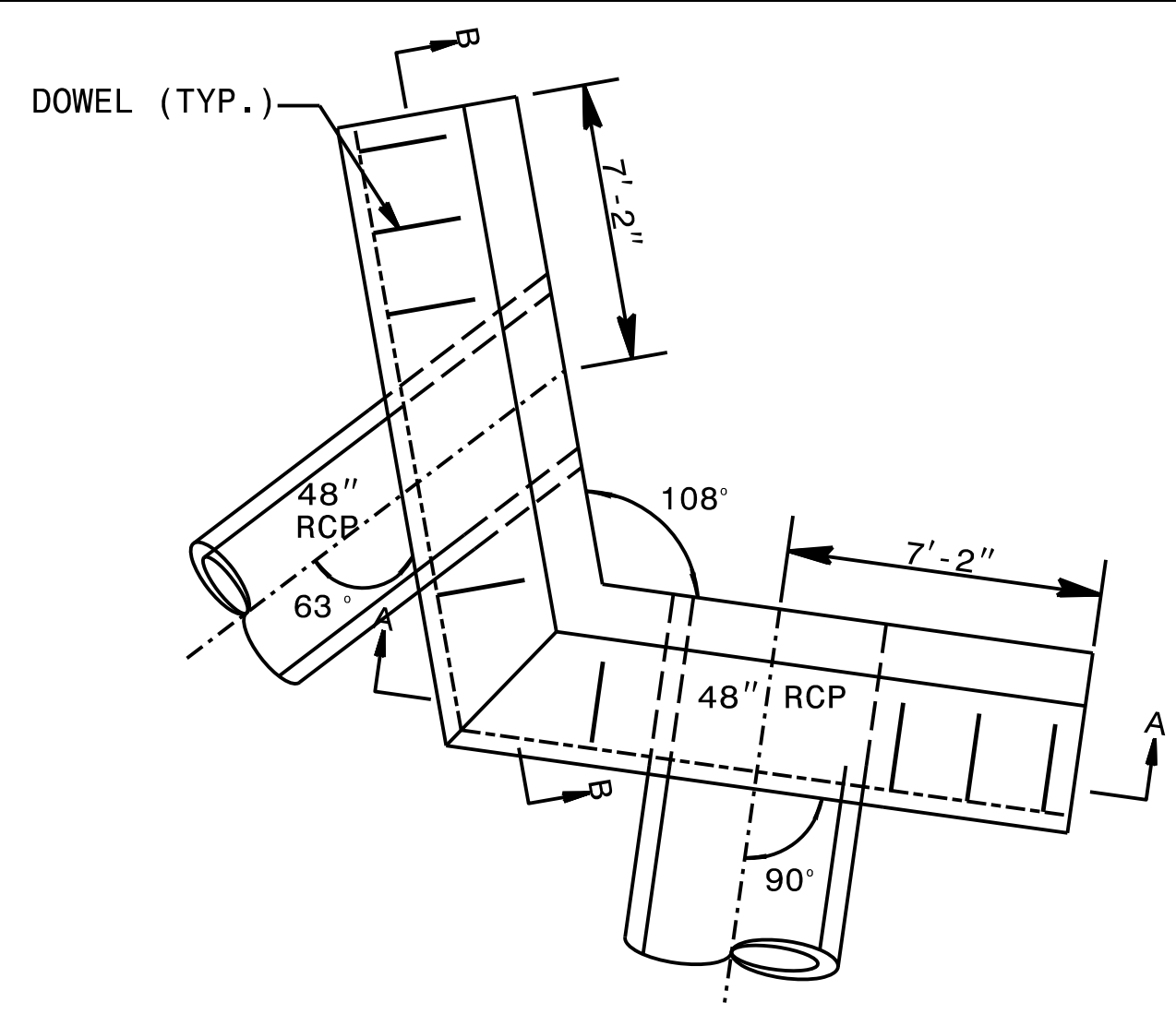


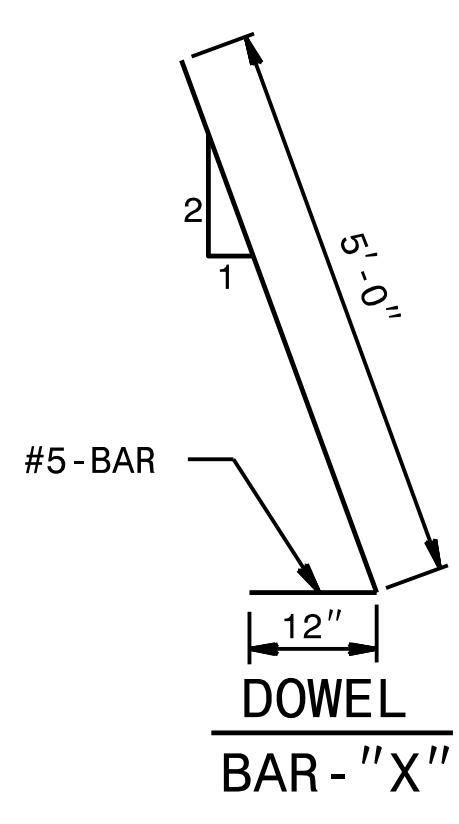
STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY STANDARD DRAWING FOR
CONCRETE "L" ENDWALL FOR
DOUBLE PIPE CULVERT

SHEET 1 OF 1
838D05

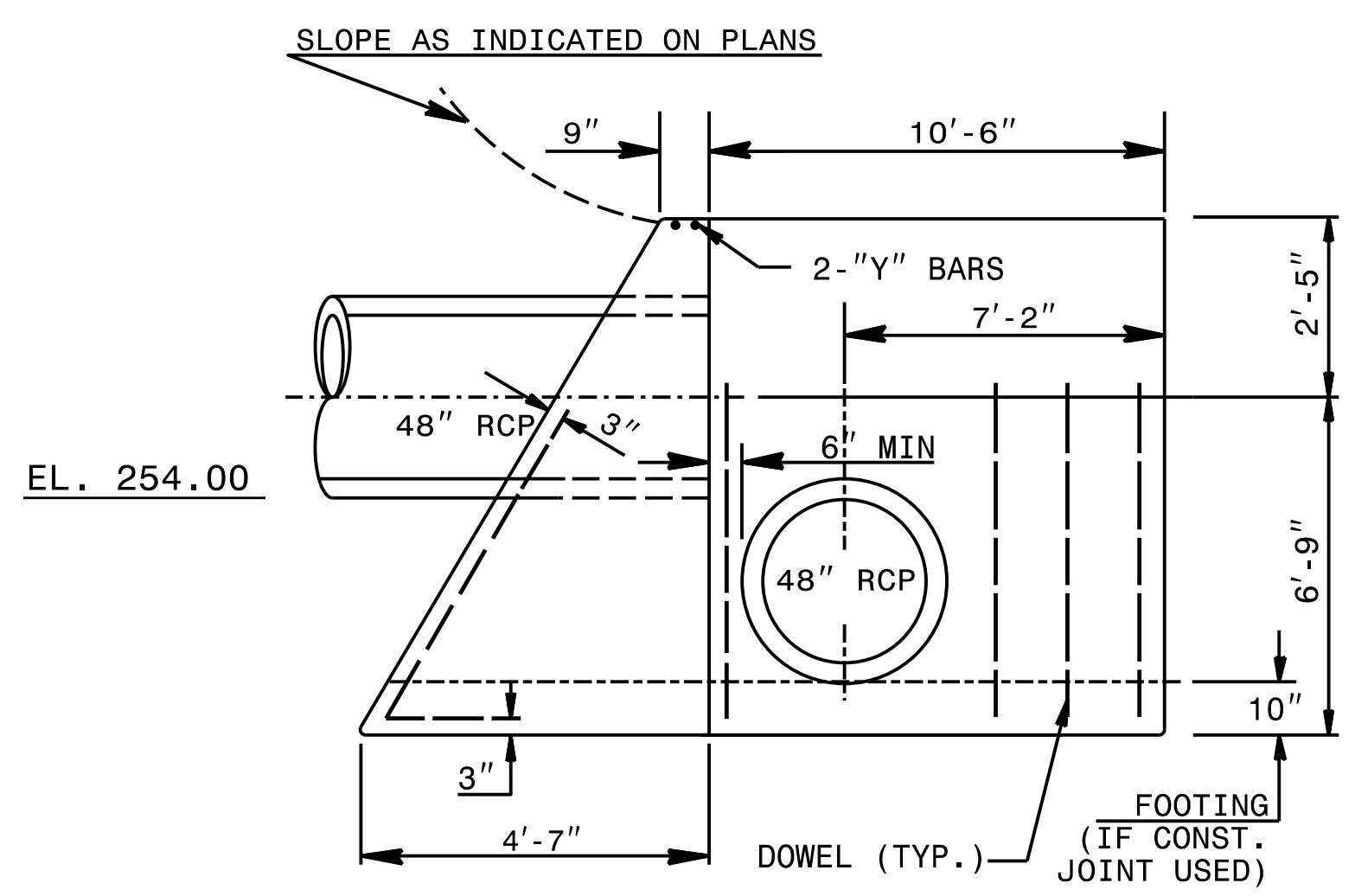


PLAN

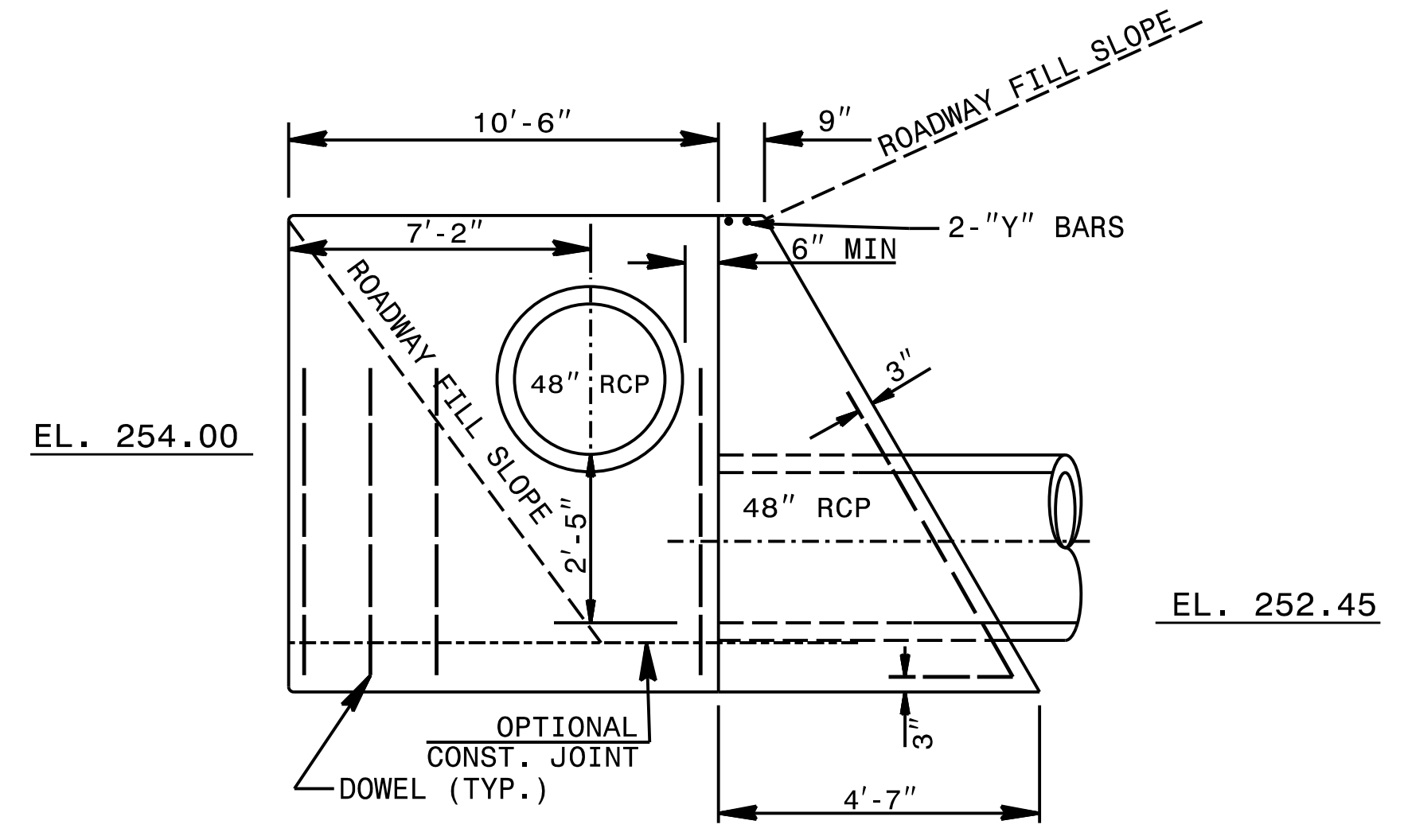


QUANTITIES				
BAR	NO.	SIZE	LENGTH	WEIGHT
X	8	5	6'-0"	50
Y	4	6	10'-0"	60
TOTAL REINF. STEEL (lbs.)				110
CLASS "B" CONC. (yd @)				16.3

* NO DEDUCTION HAS BEEN MADE FOR PIPES



SECTION A-A



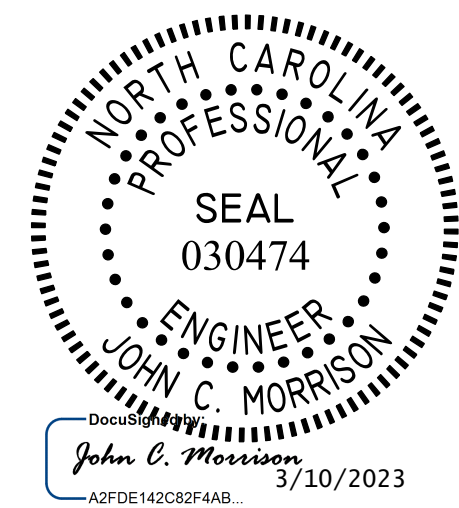
SECTION B-B

GENERAL NOTES:
 ALL CORNERS SHALL BE CHAMFERED 1 INCH. CLASS "B" CONCRETE SHALL BE USED.
 PLACE 2 #6 "Y" BARS IN THE TOP OF ALL ENDWALL WITH A MINIMUM OF 3" COVER AND A LENGTH OF 6" LESS THAN ENDWALL LENGTH.
 IF CONTRACTOR ELECTS TO USE CONSTRUCTION JOINT AT BOTTOM OF PIPE, BAR 'X' DOWELS SHALL BE PLACED IN THE BASE AS SHOWN ON PLANS. SPACING OF BARS IS APPROXIMATELY 12 INCHES ON CENTER UNLESS THE ENGINEER SPECIFIES OTHERWISE.
 WHEN CONTRACTOR ELECTS TO USE CONSTRUCTION JOINT AT BOTTOM OF PIPE AND POURS BASE SEPERATELY, THE TOP OF BASE SHALL BE LEFT ROUGH.
 FORMS ARE TO BE USED FOR THE CONSTRUCTION OF THE BOTTOM SLAB.

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DOCUMENT NOT CONSIDERED FINAL
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CONCRETE "L" ENDWALL FOR
DOUBLE PIPE CULVERT

ORIGINAL BY: K. KEMPF DATE: APR. 4, 2019
 MODIFIED BY: M. BUSCEMI DATE: MARCH 8, 2023
 CHECKED BY: C. MORRISON DATE: MARCH 8, 2023
 FILE SPEC.: