

PLAN OF FLOOR SILL LAYOUT

BAR TYPE		BAR SCHEDULE				
VERTICAL LEG ① 6" R. 3'-2 1/2" 3'-1 1/2"	A1	256	#6	1	7'-5"	2852
	A2	256	#6	1	7'-0"	2692
	A100	128	#8	STR	17'-4"	5924
	A200	128	#8	STR	17'-4"	5924
	B1	256	#4	STR	10'-10"	1853
	B2	128	#4	STR	8'-4"	713
	C1	108	#4	STR	33'-0"	2381
	D1	20	#6	STR	1'-9"	53
	G1	4	#4	STR	17'-4"	46
REINFORCING STEEL					22,438 LBS	

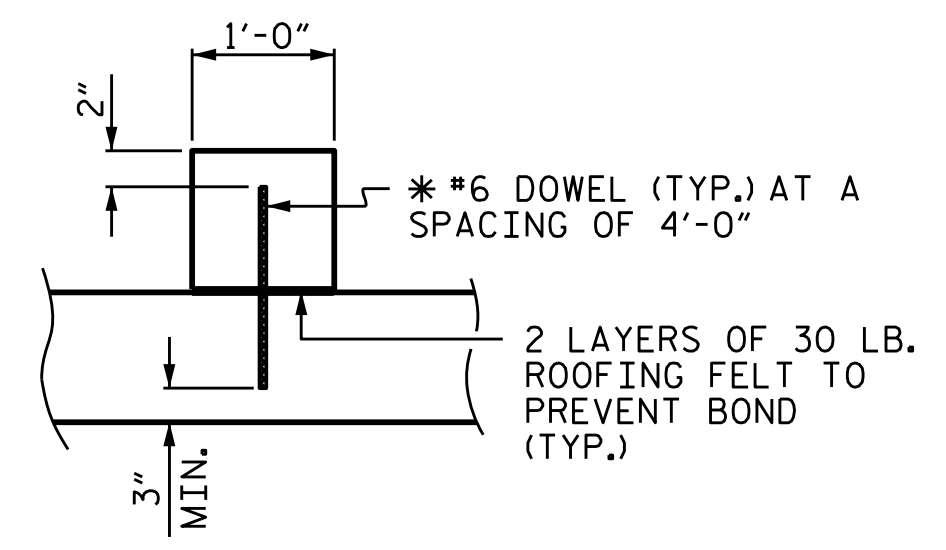
SPLICE LENGTHS CHART		
BAR	SIZE	SPLICE LENGTH
C1	#4	1'-10"

NOTES

MATERIAL EXCAVATED FROM THE EXISTING BED SHALL BE STOCKPILED FOR USE IN THE PROPOSED CULVERT. BED MATERIAL MAY BE SUPPLEMENTED WITH CLASS B RIP RAP AS NECESSARY. NATIVE MATERIAL SHOULD BE PLACED ON TOP TO PROVIDE A FLAT SURFACE FOR ANIMAL PASSAGE. BED MATERIAL IS SUBJECT TO THE APPROVAL BY THE ENGINEER AND MAY BE SUBJECT TO PERMIT CONDITIONS.

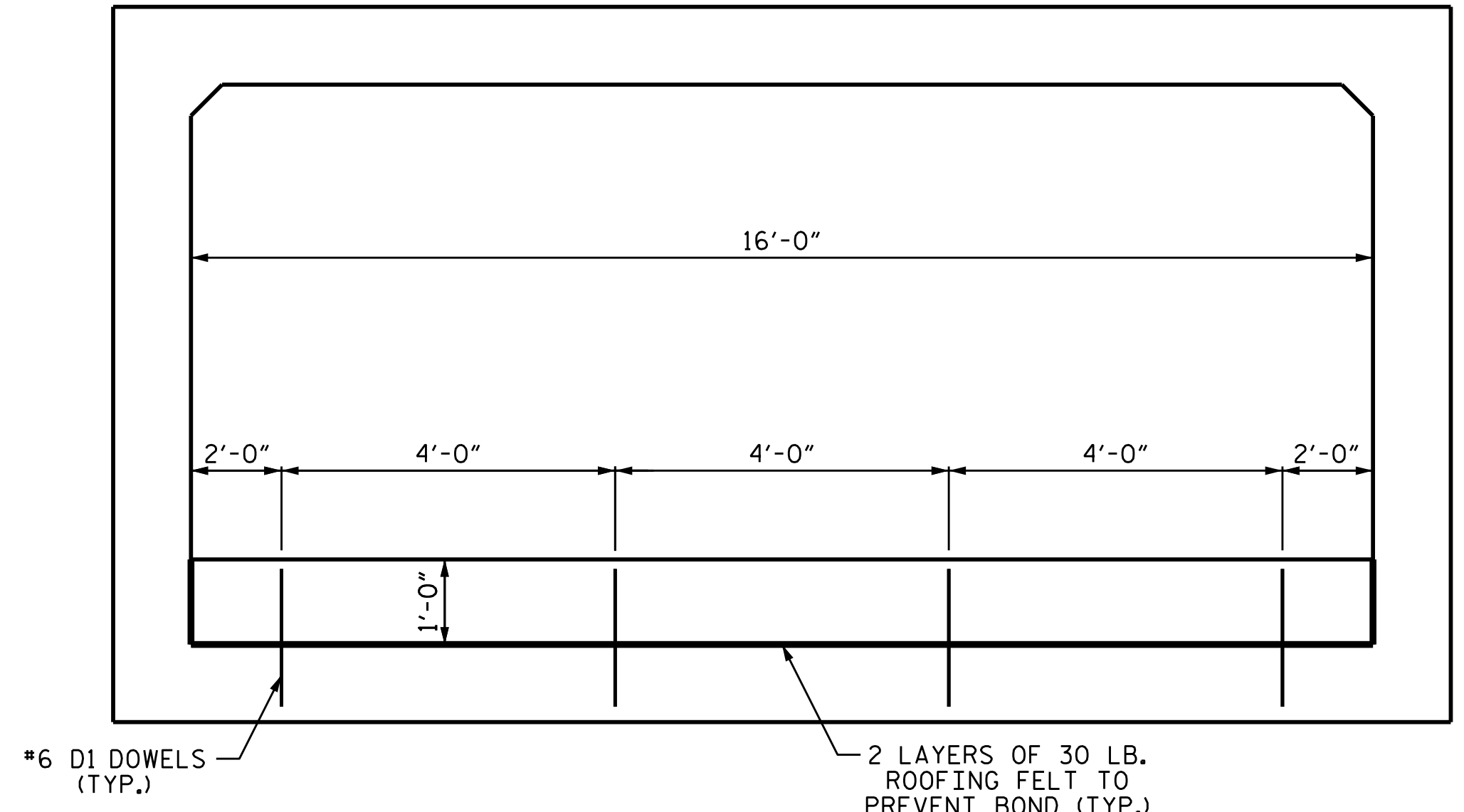
THE ENTIRE COST OF WORK REQUIRED TO PLACE EXCAVATED MATERIAL OR SUPPLEMENTAL MATERIAL AS SHOWN ON THE PLANS SHALL BE INCLUDED IN THE CONTRACT LUMP SUM PRICE BID FOR CULVERT EXCAVATION.

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



SECTION THROUGH SILL

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

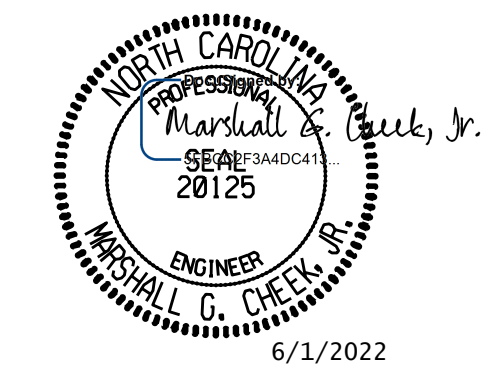


ELEVATION

SILL DETAILS

PROJECT NO. A-0009CA
GRAHAM COUNTY
 STATION: 10+59.00 -DR1A-

SHEET 6 OF 8



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
**SINGLE 16 FT. X 9 FT.
 CONCRETE BOX
 CULVERT**

DRAWN BY :	STM	DATE :	02/22
CHECKED BY :	MGC	DATE :	03/22
DESIGN ENGINEER OF RECORD:	STM	DATE :	03/22

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		REVISIONS			SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
TGS ENGINEERS 706 HILLSBOROUGH STREET SUITE 200 RALEIGH, NC 27603 PH (919) 773-8887 CORP. LICENSE NO.: C-0275					TOTAL SHEETS 8