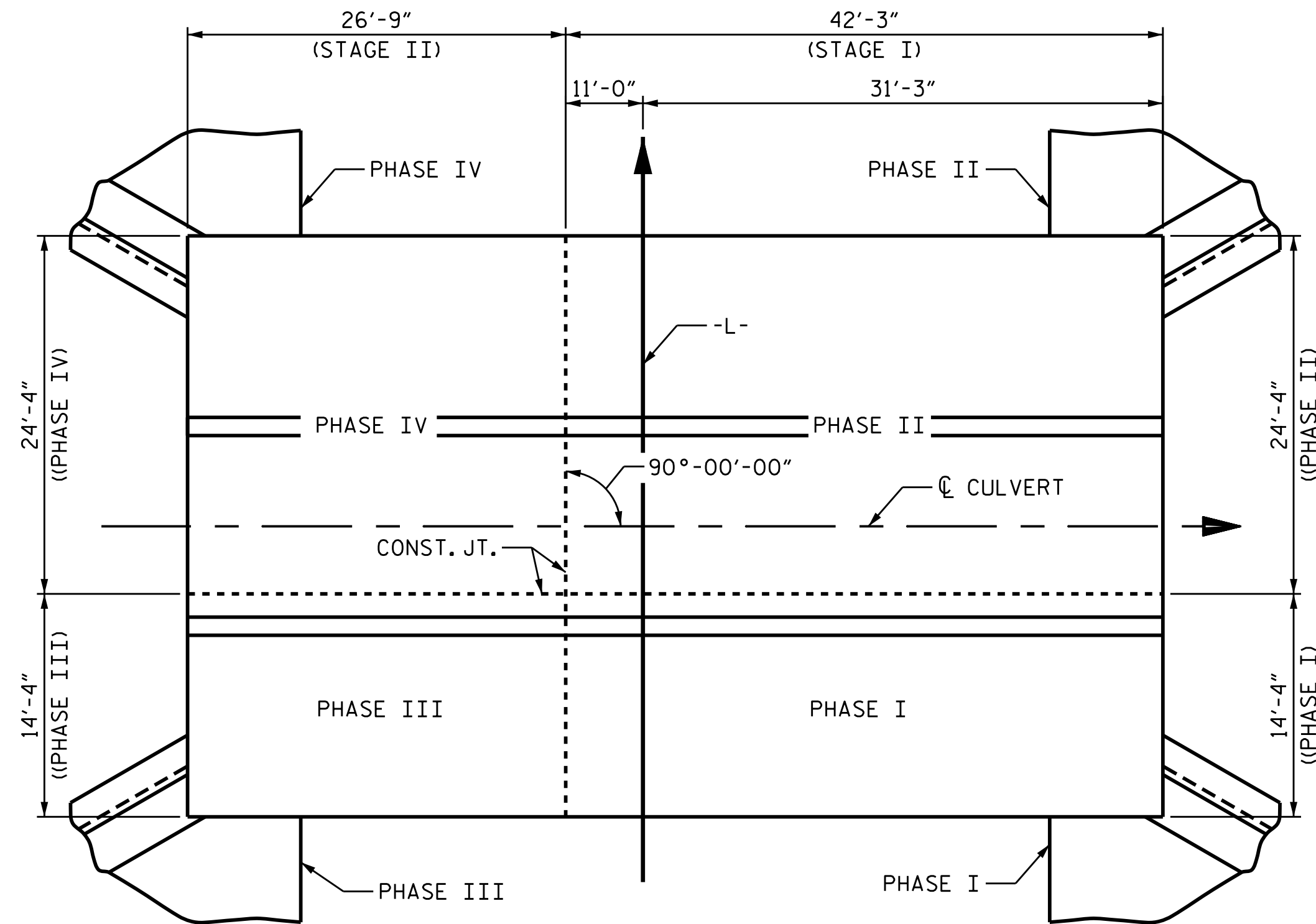
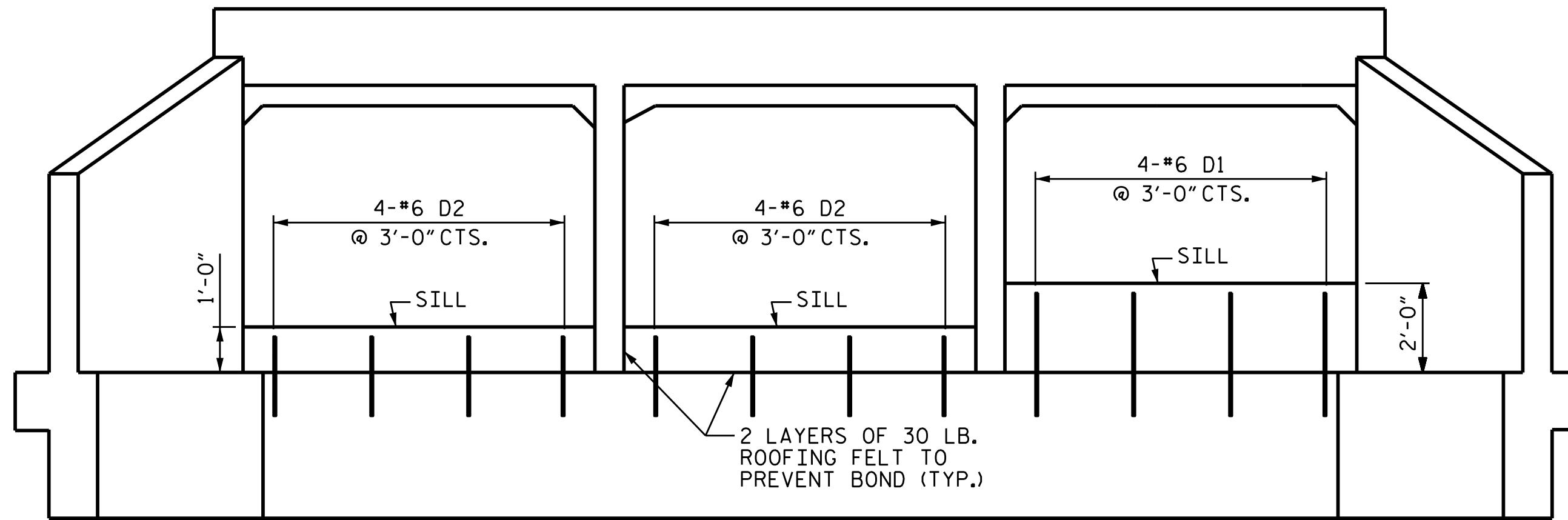


ELEVATION
(LOOKING DOWNSTREAM)

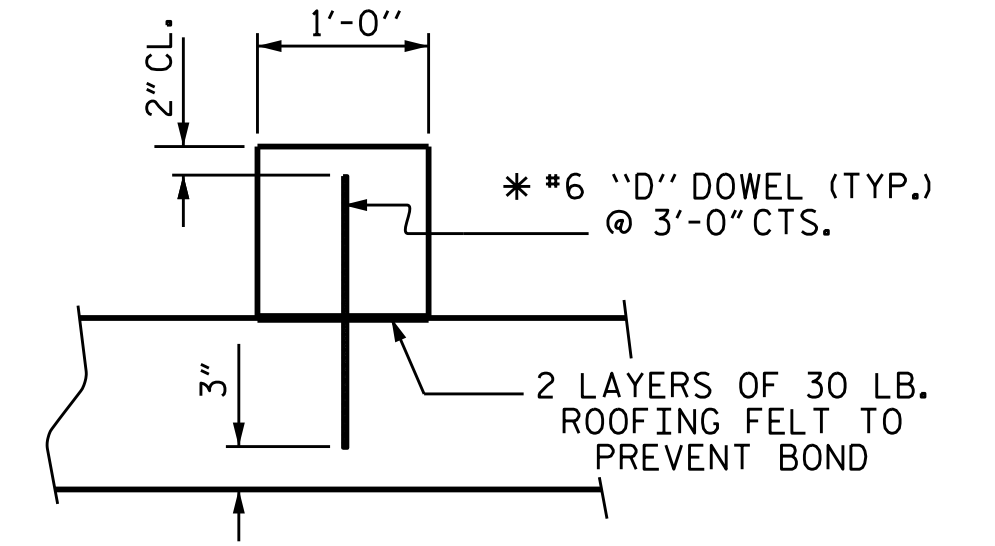


PLAN

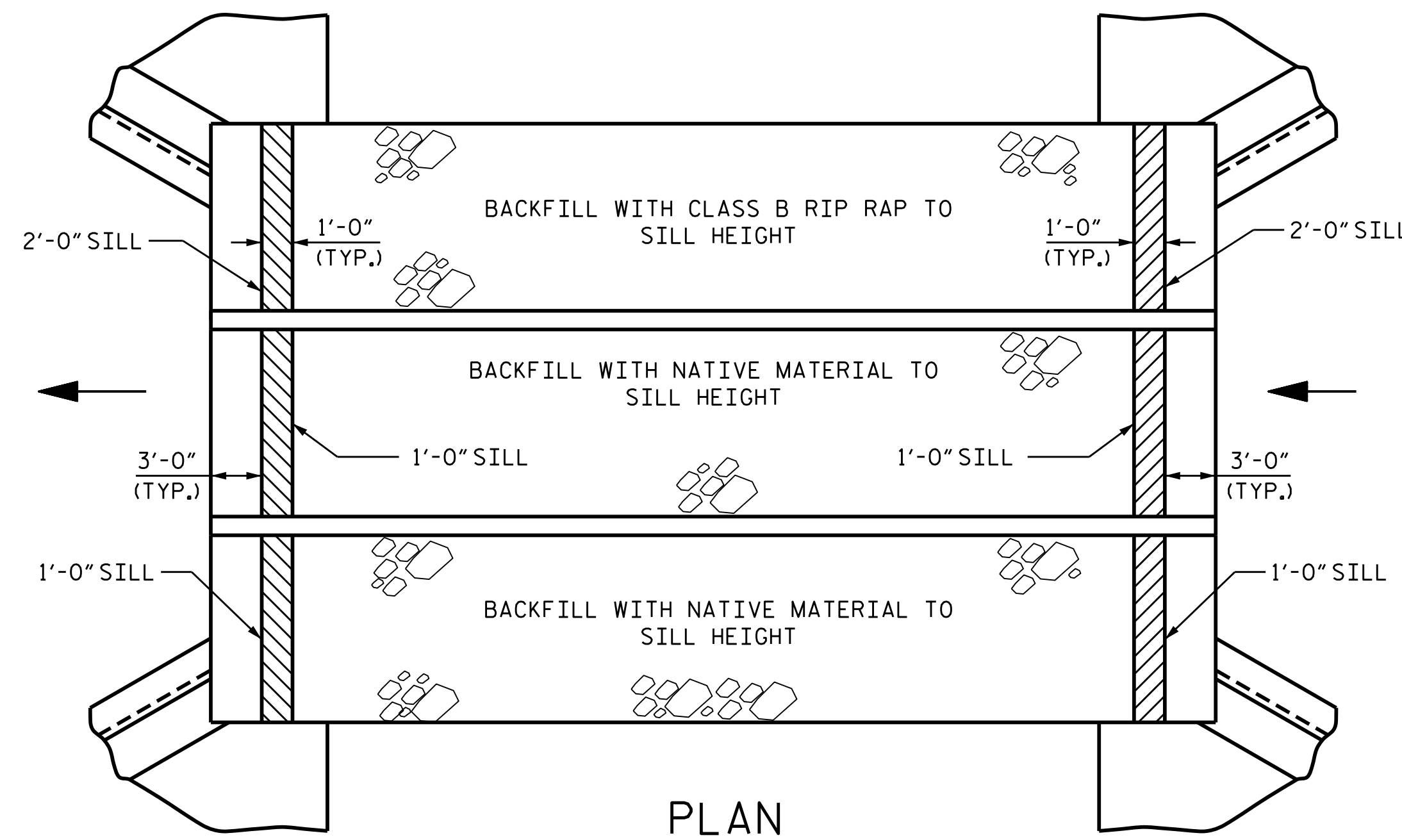
CONSTRUCTION SEQUENCE



ELEVATION



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



PLAN
CULVERT SILL DETAILS

BILL OF MATERIALS						
STAGE I	PHASE I					
	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
	D1	4	#6	STR	2'-6"	15
	REINFORCING STEEL					15 LBS.
STAGE II	PHASE II					
	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
	D2	8	#6	STR	1'-6"	18
	REINFORCING STEEL					18 LBS.
STAGE III	PHASE III					
	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
	D1	4	#6	STR	2'-6"	15
	REINFORCING STEEL					15 LBS.
STAGE IV	PHASE IV					
	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
	D2	8	#6	STR	1'-6"	18
	REINFORCING STEEL					18 LBS.
CLASS A CONCRETE						0.9 CY

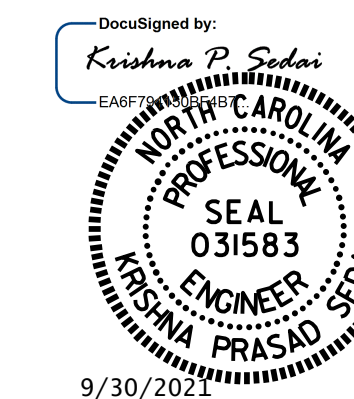
NOTES

NATIVE MATERIAL CONSISTS OF MATERIAL THAT IS EXCAVATED FROM THE STREAM BED OR FLOODPLAIN AT THE PROJECT SITE DURING CONSTRUCTION. ONLY MATERIAL THAT IS EXCAVATED FROM THE STREAM BED MAY BE USED TO LINE THE LOW FLOW CULVERT BARREL. RIP RAP MAY BE USED TO SUPPLEMENT NATIVE MATERIAL IN THE HIGH FLOW BARREL. IF RIP RAP IS USED TO LINE THE HIGH FLOW CULVERT BARREL, NATIVE MATERIAL SHOULD BE PLACED ON TOP TO FILL VOIDS AND PROVIDE A FLAT 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 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.

STREAM BED MATERIAL SHOULD BE PLACED LEVEL WITH THE TOP OF THE SILLS.



PROJECT NO. BR-0035
MOORE COUNTY
STATION: 23+12.00 -L-

SHEET 6 OF 8

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
**TRIPLE 12 FT. X 9 FT.
CONCRETE BOX CULVERT
90° SKEW**

DRAWN BY : A. SORSENGINH DATE : 08/2021
CHECKED BY : M. G. SHAIKH DATE : 08/2021
DESIGN ENGINEER OF RECORD: A. YASMEEN DATE : 08/2021

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-6
1			3			TOTAL SHEETS
2			4			8