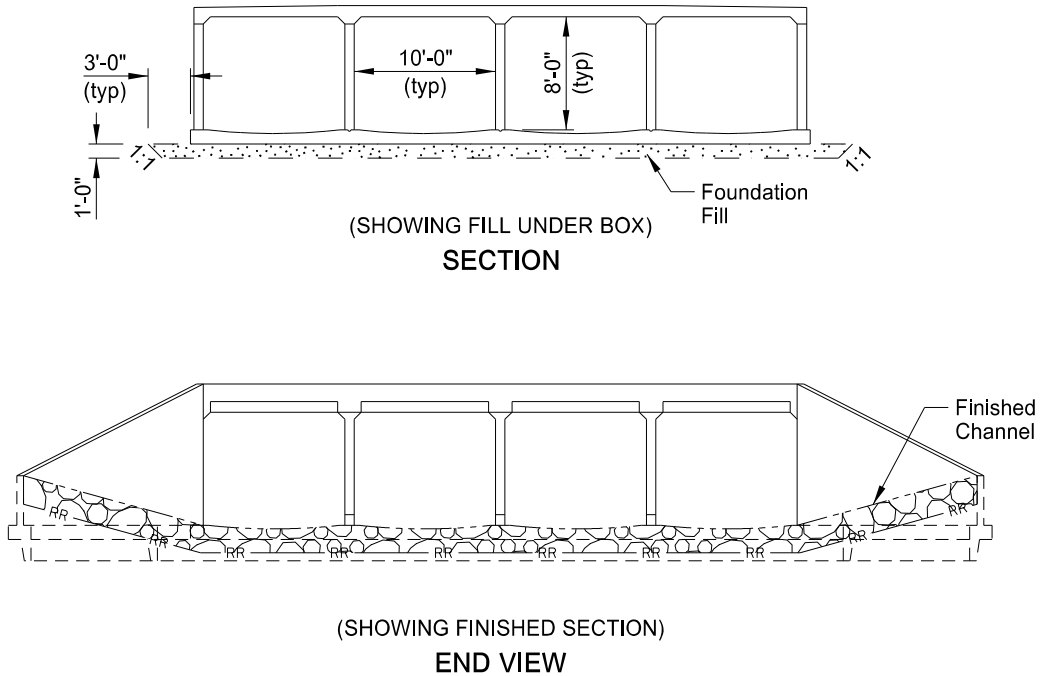
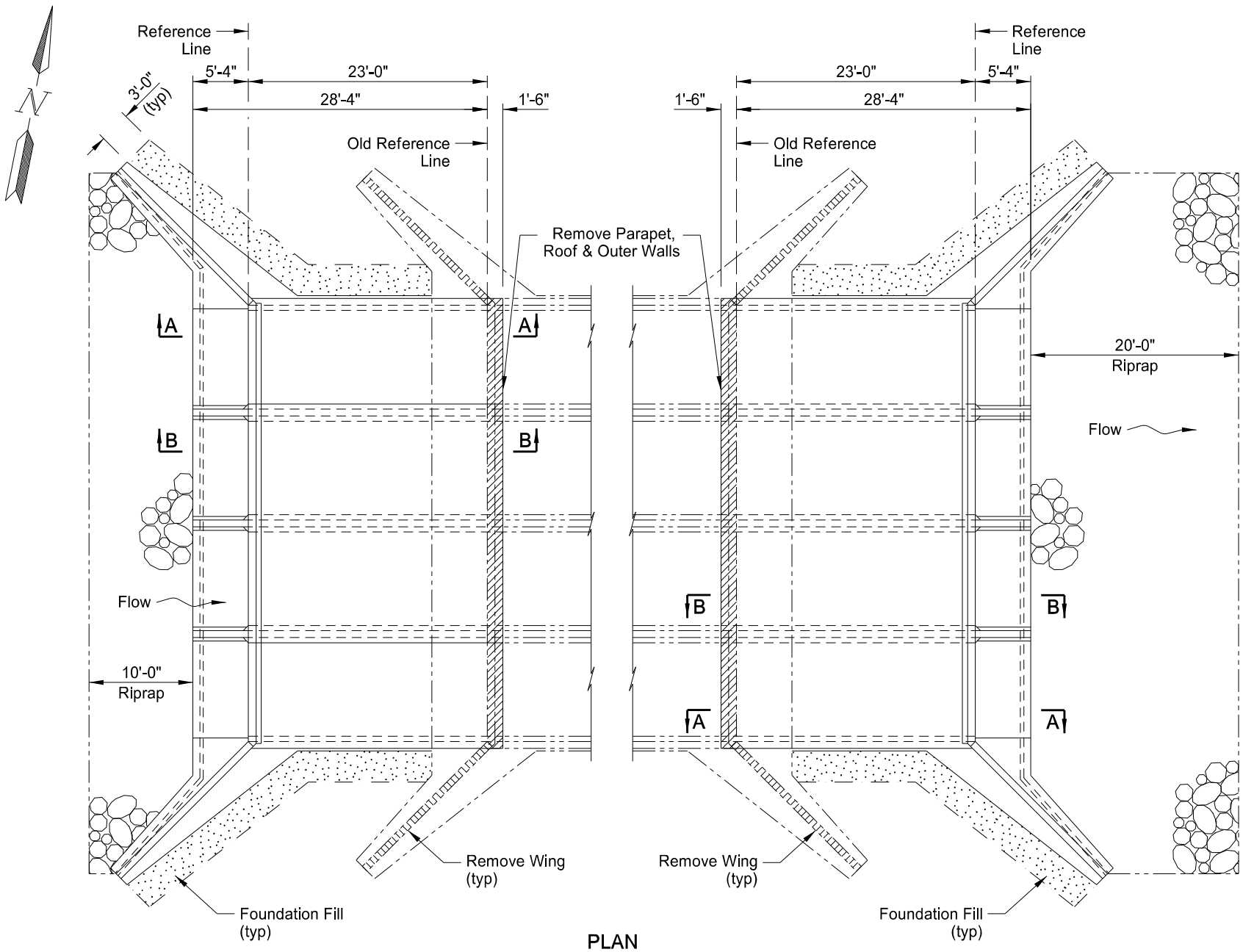


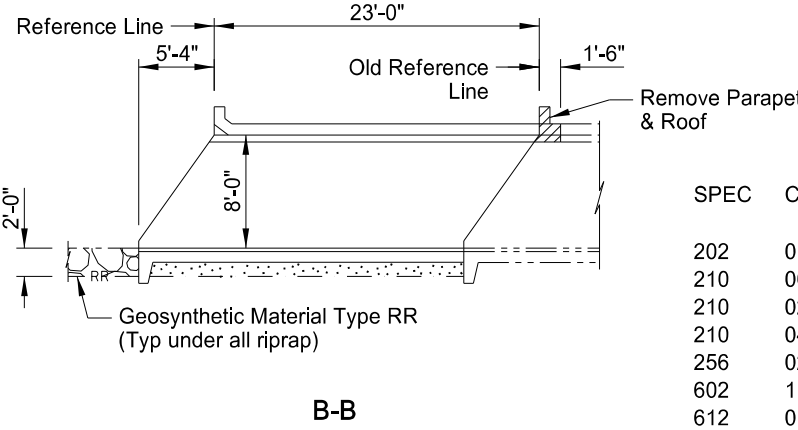
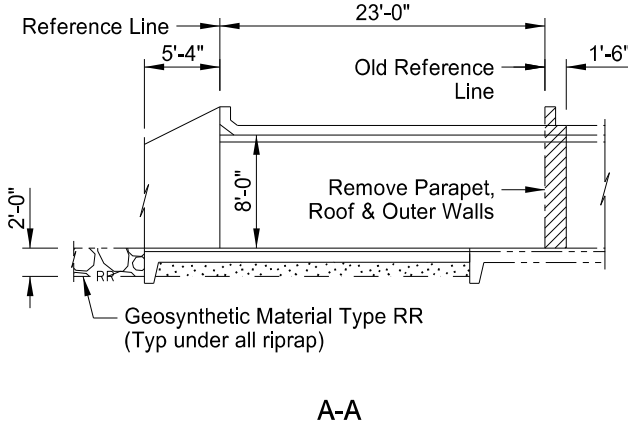
STATE	PROJECT NUMBER	SECTION NO.	SHEET NO.
ND	project number	170	1



NOTE:
Provide a 1'-0" minimum depth of foundation fill under the floor. Remove and replace all unsound material under the box extension with foundation fill. The Engineer will determine the depth required.

DESIGN STRENGTHS:
 $f'_c = 3,000$ psi ~ Class AE-3 Concrete
 $f_y = 60,000$ psi ~ Reinforcing Steel
Load & Resistance Factor Design

This drawing is preliminary and not for construction or implementation purposes.



SPEC	CODE	ITEM DESCRIPTION	UNIT	QUANTITY
202	0101	REMOVAL OF CONCRETE	EA	1
210	0050	BOX CULVERT EXCAVATION	EA	1
210	0210	FOUNDATION FILL	CY	125
210	0405	FOUNDATION PREPARATION-BOX CULVERT	EA	1
256	0200	RIPRAP GRADE II	CY	105
602	1131	CLASS AE-3 CONCRETE-BOX CULVERT	CY	203.4
612	0114	REINFORCING STEEL-GRADE 60-BOX CULVERT	LBS	27,326
709	0155	GEOSYNTHETIC MATERIAL TYPE RR	SY	210

BOX CULVERT BID ITEMS

SPECIAL PROVISIONS	
SSP 2	MIGRATORY BIRD TREATY ACT
HL-93 DESIGN LOADING	
LOCATION	
CLEAR SPAN 4 x 10' CLEAR HEIGHT 8' MAXIMUM FILL 0' STATION: 0000+00.00	
REINFORCED CONCRETE QUADRUPLE BOX CULVERT EXTENSION LAYOUT	
ND DEPARTMENT OF TRANSPORTATION BRIDGE DIVISION	