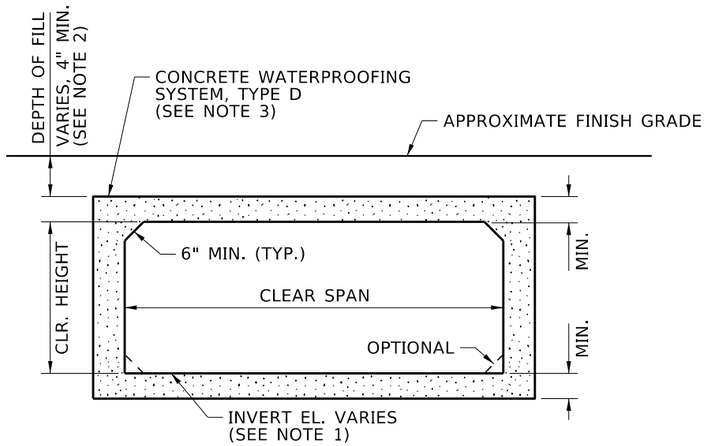
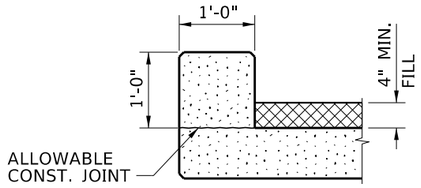


TYPICAL PRECAST CROSS-SECTION

¼"=1'-0"

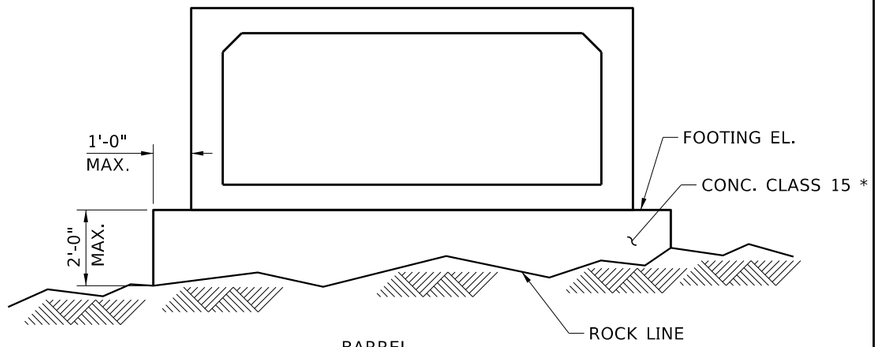


EDGE BEAM DETAILS

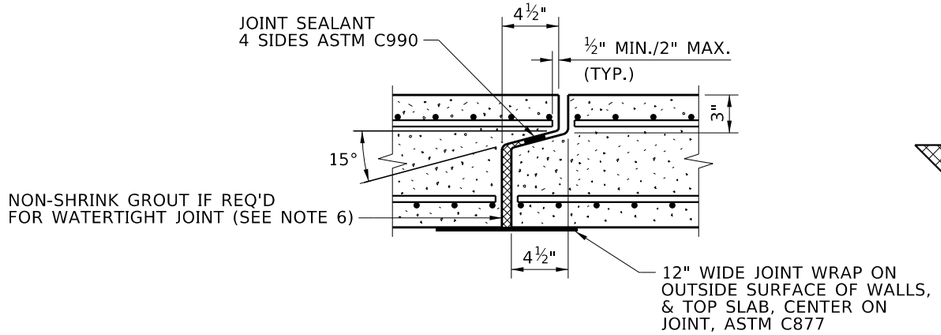
½"=1'-0"

NOTES

1. SEE SITUATION AND LAYOUT SHEET FOR CANAL INVERT AND WATER SURFACE ELEVATIONS AT INLET AND OUTLET OF CULVERT.
2. SEE SITUATION AND LAYOUT SHEET FOR ROADWAY HORIZONTAL ALIGNMENT AND PROFILE GRADE. COMPUTE DEPTH OF FILL FOR THE SELECTED PROPRIETARY PRECAST SYSTEM.
3. APPLY WATERPROOFING SYSTEM, TYPE D TO TOP SLAB FROM FACE OF CURB TO FACE OF CURB.
4. PROVIDE A PROPRIETARY PRECAST SYSTEM SELECTED FROM TYPICAL SECTION SHOWN OR APPROVED EQUAL AND INCLUDE DETAILS AS SHOWN BELOW OR APPROVED EQUAL.
5. PROVIDE EITHER PRECAST OR CAST-IN-PLACE EDGE BEAMS AND WINGWALLS.
6. PROVIDE WATERTIGHT JOINTS FOR PEDESTRIAN UNDERPASSES.
7. PROVIDE DIMENSIONAL TOLERANCE IN ACCORDANCE WITH ASTM C1577 SECTION 12.

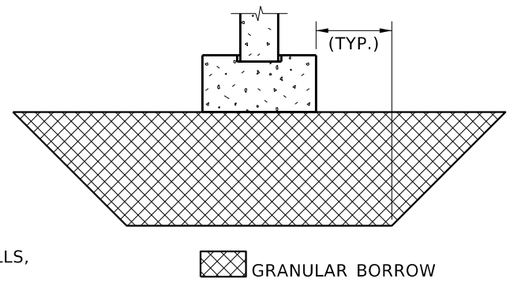


BARREL



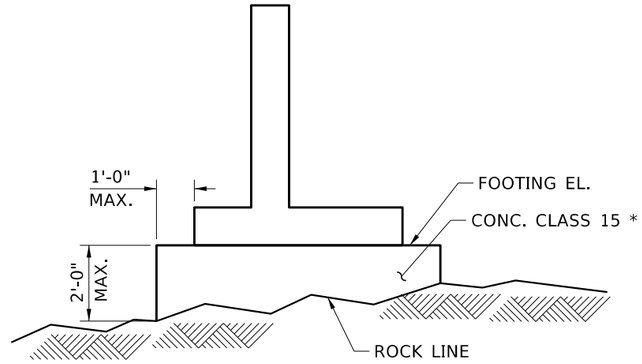
WALL & SLAB JOINT

1"=1'-0"



BACKFILL DETAILS

¼"=1'-0"



WINGWALL

*QUANTITIES ARE BASED ON A 1'-0" THICKNESS. NOTIFY THE ENGINEER IF THE THICKNESS EXCEEDS 2'-0".

CONCRETE LEVELING COURSE DETAILS

REVISIONS				DESIGNED	SCALES SHOWN ARE FOR 11" X 17" PRINTS ONLY	IDAHO TRANSPORTATION DEPARTMENT	ENGLISH	PRECAST BOX CULVERT DETAILS	BRIDGE PLANS	
NO.	DATE	BY	DESCRIPTION	DESIGN CHECKED	CADD FILE NAME	YOUR Safety→YOUR Mobility→YOUR Economic Opportunity	PROJECT NO.		BRIDGE KEY NO.	
				DETAILED	Standards/Bridge Standard Drawings/ B12_3.DGN				COUNTY	KEY NO.
				DWG. CHECKED				BRIDGE LRFD DESIGN MANUAL, B12.3		
				CORRECTIONS	DRAWING DATE: OCT 2023	APPROVED BY: BRIDGE ENGINEER MICHAEL T. JOHNSON DATE:			BRIDGE DWG. NO.	SHEET OF