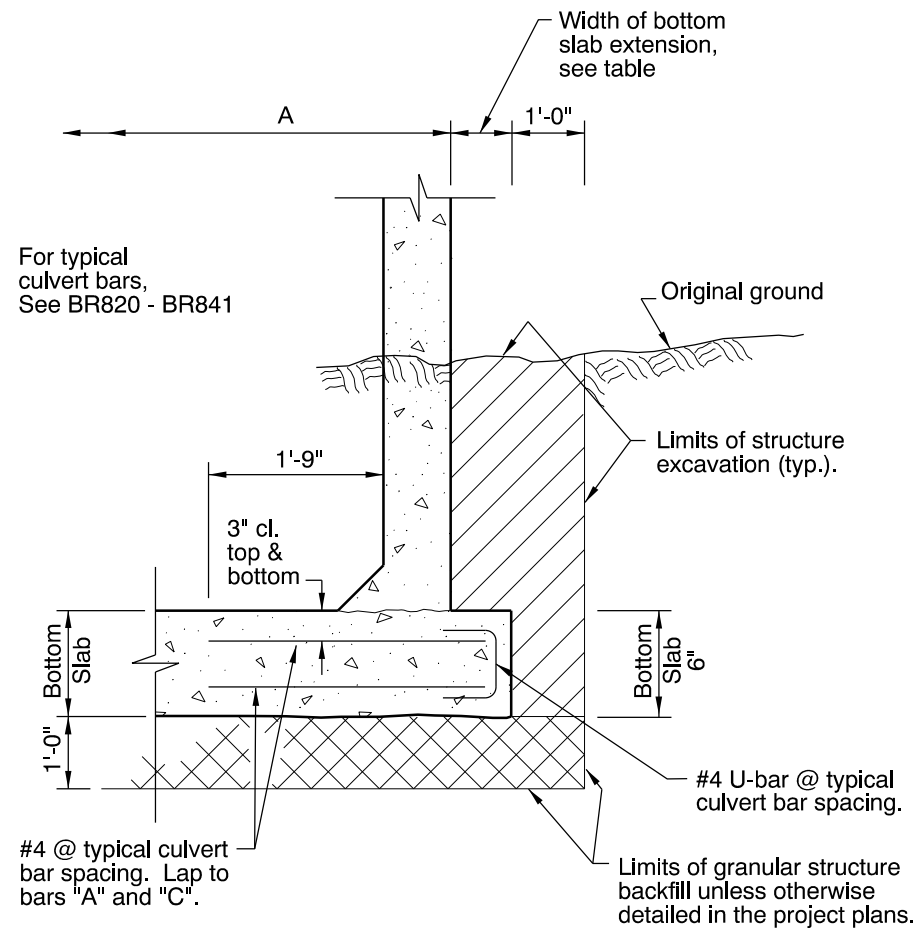


det3815.dgn 10-06-2014



**BOTTOM SLAB EXTENSION
REQUIRED TO RESIST UPLIFT
DUE TO BUOYANCY**

N.T.S.

CULVERT SIZE (ft x ft)	WIDTH OF BOTTOM SLAB EXTENSION REQUIRED TO RESIST UPLIFT DUE TO BUOYANCY (inches)
8 x 6 w/0' to 0.5' Fill	4
8 x 8 w/0' to 1.0' Fill	7
10 x 6 w/0' to 1.0' Fill	6
10 x 8 w/0' to 1.5' Fill	11
10 x 10 w/0' to 2.0' Fill	13
12 x 6 w/0' to 1.0' Fill	10
12 x 8 w/0' to 1.5' Fill	15
12 x 10 w/0' to 2.0' Fill	17
12 x 12 w/0' to 1.0' Fill	17
12 x 12 w/1' to 2.0' Fill	3

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

OREGON DEPARTMENT OF TRANSPORTATION
TECHNICAL SERVICES
DETAILS

**BOX CULVERT BOTTOM SLAB
EXTENSION DETAIL**

DETAIL NO.

DET3815

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