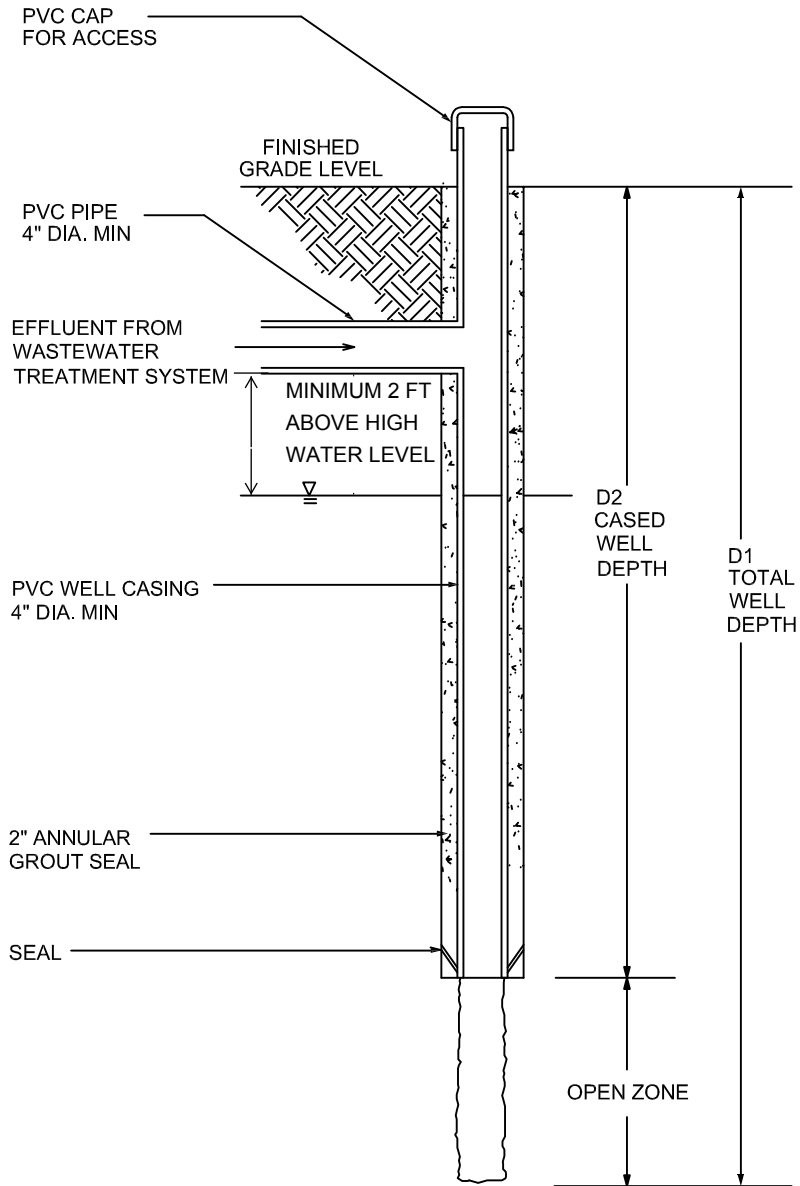


DOMESTIC EFFLUENT DISPOSAL WELL



NOTES

D1 AND D2

D1 is the minimum total depth of the borehole.
 D2 is the minimum cased depth of the grouted casing.
 D1 and D2 are site specific values determined by elevation and proximity to water features: fresh water lenses, excavations, and coastal zone.
 The minimum depth of grouted casing is 40ft below the water table.
 Contact the Water Authority at drillerinfo@waterauthority.ky for site specific requirements for D1 and D2.

OPEN ZONE (UNCASED PORTION FOR DISCHARGE)


The depth of the uncased portion of the borehole shall be minimum 10' and is dependent on the permeability of the formation.

GROUTED CASING (ANNULAR SEAL)

The annulus shall be sealed with cement slurry, mixed as 1 bag cement with 6 Gallons of potable water and placed by pumping through a tremie pipe. Alternatively bentonite pellets shall be placed in the annular space. Cavities may be bridged with 3/8" clean gravel or well cuttings.

DRAWING IS NOT TO SCALE

REV	DATE	BY	DESCRIPTION
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			



WATER AUTHORITY - CAYMAN
 P.O. BOX 1104, GRAND CAYMAN KY-1102
 345-948-2837

DOMESTIC EFFLUENT DISPOSAL WELL

WAC PROJECT NO.	DATE: FEB 2013	DRAWN BY: SD	CHECKED: HVG
DRAWING NO.	VIEW	REV	
SCALE: NTS	SHEET		