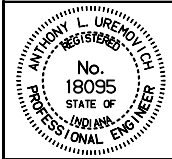


VITRIFIED CLAY PIPE, EXTRA STRENGTH HEIGHT OF COVER LIMITS (ft.)		
DIAMETER (in)	MINIMUM (ft.)	MAXIMUM (ft.)
12	1.2	16.0
15	1.4	14.0
18	1.4	13.0
21	1.4	14.0
24	1.4	15.0
27	1.5	14.0
30	1.6	13.0
33	1.5	13.0
36	1.5	14.0

**NOTE:**

1. The tabulated cover depths shall be measured from the bottom of the asphalt or concrete pavement to the top of the pipe.

INDIANA DEPARTMENT OF TRANSPORTATION	
<b>PIPE HEIGHT OF COVER LIMITS</b> JANUARY 1998	
STANDARD DRAWING NO. <b>E 715-PHCL-20</b>	
	DETAILS PLACED IN THIS FORMAT 11-15-99
	<i>/s/ Anthony L. Uremovich</i> 11-15-99 <small>DESIGN STANDARDS ENGINEER DATE</small>
	<i>/s/ Firooz Zandi</i> 11-15-99 <small>CHIEF HIGHWAY ENGINEER DATE</small>
	<small>DESIGN STANDARDS ENGINEER ORIGINALLY APPROVED 1-02-98</small>