

**EXTRA-QUALITY**

COVER (ft.)	3		4		5		6		7		8		9		10		11		12	
SIZE	CLAY	CONC.	CLAY	CONC.	CLAY	CONC.	CLAY	CONC.	CLAY	CONC.	CLAY	CONC.	CLAY	CONC.	CLAY	CONC.	CLAY	CONC.	CLAY	CONC.
6"													X	X	X	X	X	X	X	X
8"									X	X	X	X	X	X						
10"							X	X	X	X	X	X								
12"					X	X	X	X												
15"		X	X	X	X	X														
18"	X	X	X	X	X	X														
21"	X	X	X	X	X	X		X												
24"	X	X	X	X	X	X		X												
27"	X		X		X															
30"	X		X		X		X													

**EXTRA-DUTY EXTRA-QUALITY**

COVER (ft.)	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
SIZE	CLAY	CONC.	CLAY	CONC.	CLAY	CONC.	CLAY	CONC.	CLAY	CONC.	CLAY	CONC.	CLAY	CONC.	CLAY	CONC.
6"					X	X	X	X	X	X	X	X	X	X	X	X
8"			X	X	X	X	X	X	X	X	X	X	X	X	X	X
10"		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
12"	X	X	X	X	X	X	X	X	X	X	X	X				
15"	X	X	X	X	X	X	X	X	X	X	X					
18"	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
21"	X	X	X	X	X	X	X	X	X							
24"	X	X	X	X	X	X	X	X	X	X	X	X	X	X		
27"	X	X	X	X	X	X	X	X								
30"	X	X	X	X	X	X	X	X	X	X	X					

**SPECIAL-QUALITY**

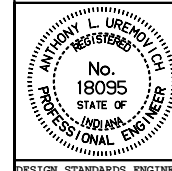
COVER (ft.)	UP TO 5	UP TO 6	UP TO 7	UP TO 8	UP TO 9	UP TO 15
SIZE	CONC.	CONC.	CONC.	CONC.	CONC.	CONC.
6"	X	X	X	X	X	X
8"	X	X	X	X	X	
10"	X	X	X	X	X	
12"	X	X				
15"	X					
18"	X					
21"	X	X				
24"	X	X				

INDIANA DEPARTMENT OF TRANSPORTATION

**DRAINTILE CLASSES**

JANUARY 1998

**STANDARD DRAWING NO. E 719-DTCL-01**



DETAILS PLACED IN THIS FORMAT 11-15-99

/s/ Anthony L. Uremovich 11-15-99  
DESIGN STANDARDS ENGINEER DATE

/s/ Firooz Zandi 11-15-99  
CHIEF HIGHWAY ENGINEER DATE

DESIGN STANDARDS ENGINEER

ORIGINALLY APPROVED 1-02-98