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	X			
15"	X	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**

ANTHONY L. UREMOVICH REGISTERED No. 18095 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

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

ORIGINALLY APPROVED 1-02-98