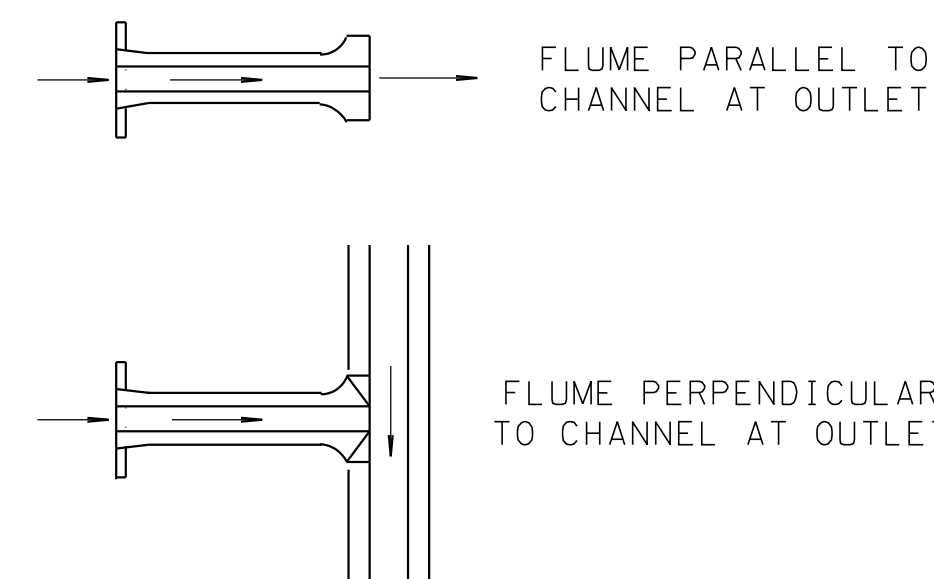
[illegible]

FIXED DIMENSIONS							
DIMENSION	FLUME TYPE						
	TYPE A	TYPE B	TYPE C	TYPE D	TYPE E	TYPE F	TYPE G
B	2'-6"	2'-6"	3'-0"	3'-0"	3'-6"	4'-0"	4'-6"
C	4'-6"	4'-9"	5'-0"	5'-6"	5'-6"	6'-0"	6'-0"
D	1'-6"	2'-0"	2'-0"	3'-0"	3'-0"	4'-0"	4'-0"
E	1'-1½"	1'-6"	1'-6"	2'-3"	2'-3"	3'-0"	3'-0"
F	4'-0"	4'-0"	4'-0"	6'-0"	6'-0"	6'-0"	8'-0"
G	2'-6"	2'-6"	3'-0"	3'-0"	3'-0"	3'-0"	3'-0"
H	2'-0"	2'-3"	2'-6"	2'-6"	2'-6"	3'-0"	3'-0"
J	1'-6"	1'-6"	1'-6"	2'-0"	2'-0"	2'-0"	2'-0"

BAFFLE QUANTITIES	
FLUME	CONC. C.Y.
TYPE A	0.15
TYPE B	0.21
TYPE C	0.27
TYPE D	0.33
TYPE E	0.44
TYPE F	0.61
TYPE G	0.73



MATERIAL SPECIFICATIONS	
(A)	FOR SPECIFICATIONS SEE "STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION" OF THE TENNESSEE DEPARTMENT OF TRANSPORTATION.
(B)	ALL CONCRETE TO BE CLASS "A" CONCRETE $F_c = 3,000$ POUNDS PER SQUARE INCH AT 28 DAYS.
(C)	ALL REINFORCING STEEL TO MEET ASTM A615 SPECIFICATION, $F_y = 60,000$ POUNDS PER SQUARE INCH.

GENERAL NOTE	
①	FOR QUANTITIES OF FLUME FOR A HEIGHT NOT SHOWN HERE, INTERPOLATE THE NEAREST TWO QUANTITIES. USE BAFFLES ONLY FOR FLUMES HIGHER THAN 3'-6" OR WHEN PROVEN NECESSARY.
②	PAYMENT FOR CONCRETE FLUMES WILL BE MADE UNDER ITEM NO. 703-02, CEMENT CONCRETE DITCH PAVING (REINFORCED) PER CUBIC YARD.

STATE OF TENNESSEE	
DEPARTMENT OF TRANSPORTATION	
FLUME DETAILS	
5-27-96	D-FLU-1