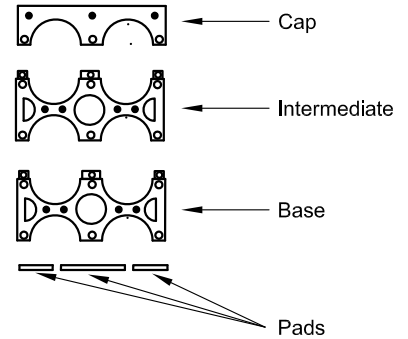


General Information

(A) Duct spacers are used to hold PVC ducts in Position and maintain a 2" separation between adjacent ducts while pouring concrete.

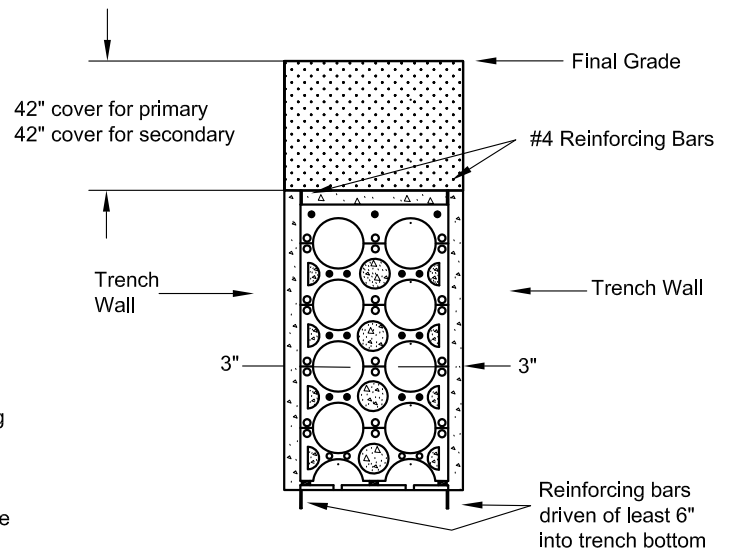
(B) There are 3 basic parts to the duct spacers -- the base, intermediate, and cap. If required, they are also pads/feet that can be used with 5" and 6" spacers for extra support in an unstable trench bottom.

(C) Standard cover for a primary conduit system is 42" and 42" cover for a secondary conduit system. Both of these dimensions are measured from final grade to the top of the concrete envelope of the duct.

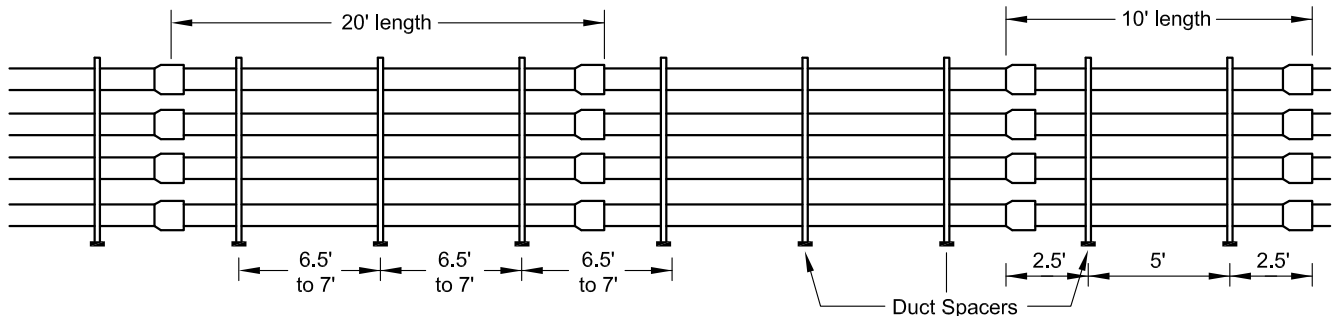



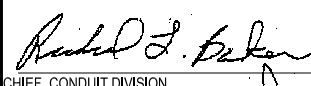
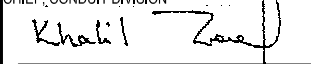
(D) Reinforcing bars are used to stabilize the duct and spacers when the concrete is poured. Drive #4 reinforcing bars through the inside edges of the duct spacers and at least 6" into the trench bottom.

(E) The sides of the trench are used as retaining walls when the concrete is poured. The distance from the outer duct diameter to the trench wall should be 3" wide. This in turn gives the required 3" apron around the whole duct bank.



(F) To properly support multiple ducts in a trench, the duct spacers are separated approximately 6-1/2 feet to 7 feet apart. Since PVC duct is manufactured in 10 foot and 20 foot lengths, this means there are two (2) spacers installed within one 10 foot section of duct and three (3) spacers installed within one 20 foot section of duct.



	APPROVED:  CHIEF, CONDUIT DIVISION  DIRECTOR, DEPARTMENT OF TRANSPORTATION	CITY OF BALTIMORE DEPARTMENT OF TRANSPORTATION CONDUIT DIVISION	ISSUED 8 / 2010	REVISED 10-9-86	REVISED
	PLASTIC PVC DUCT SPACERS GENERAL INFORMATION		STANDARD NO. BC 824.02-2		
			SCALE : NONE	SHEET 2 OF 2	