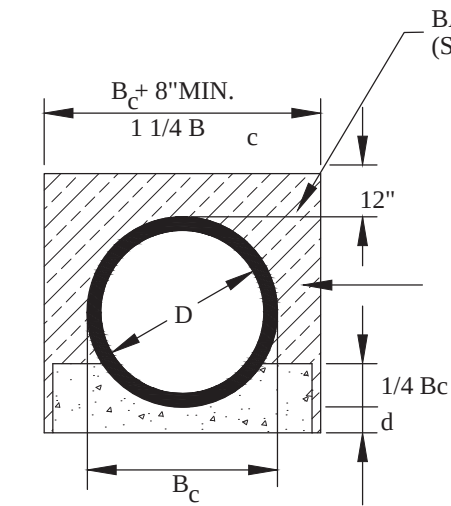
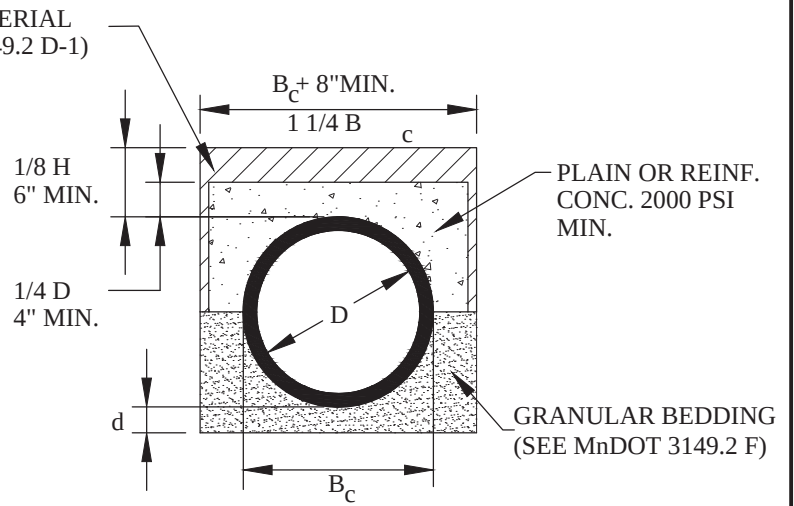


REINFORCED  $A_s = 1.0\%$   
 REINFORCED  $A_s = 0.4\%$   
 PLAIN

$B_f = 4.8$   
 $B_f = 3.4$   
 $B_f = 2.8$



CONCRETE CRADLE



CONCRETE ARCH

**LEGEND**

$B_c$  = OUTSIDE DIAMETER  
 $H$  = BACKFILL COVER OVER TOP OF PIPE  
 $D$  = INSIDE DIAMETER  
 $d$  = DEPTH OF BEDDING MATERIAL BELOW PIPE  
 $A_s$  = AREA OF TRAVERSE STEEL IN THE CRADLE OR ARCH EXPRESSED AS A PERCENTAGE OF AREA OF CONCRETE AT INVERT OR CROWN  
 $B_f$  = BEDDING FACTOR

| DEPTH OF BEDDING MATERIAL BELOW PIPE |        |
|--------------------------------------|--------|
| D                                    | d MIN. |
| 27" & SMALLER                        | 3"     |
| 30" TO 60"                           | 4"     |
| 66" & LARGER                         | 5"     |



CITY OF BURNSVILLE - ENGINEERING DEPT.

**CLASS A PIPE BEDDING**

Plate No.

PB-3

Revision Date

1/2018

File Location:

S:\Details\english\Pipe Bedding\PB03-Class A Bedding.dwg