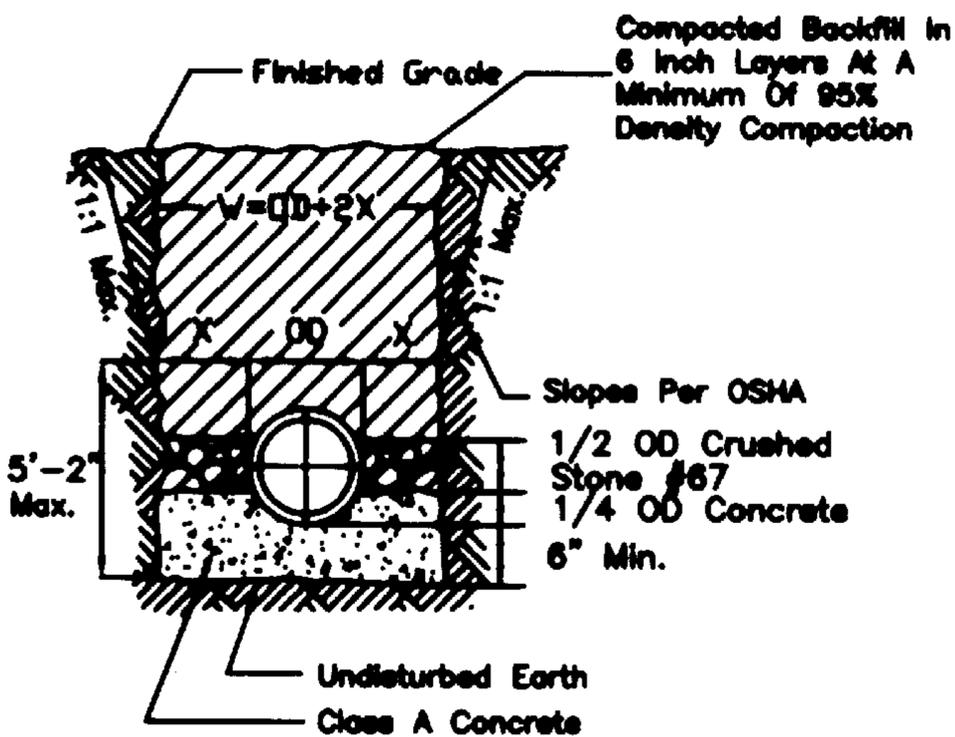


Y=0.50 OD FOR RIGID DESIGNED PIPE
 Y=1.00 OD FOR FLEXIBLE DESIGNED PIPE

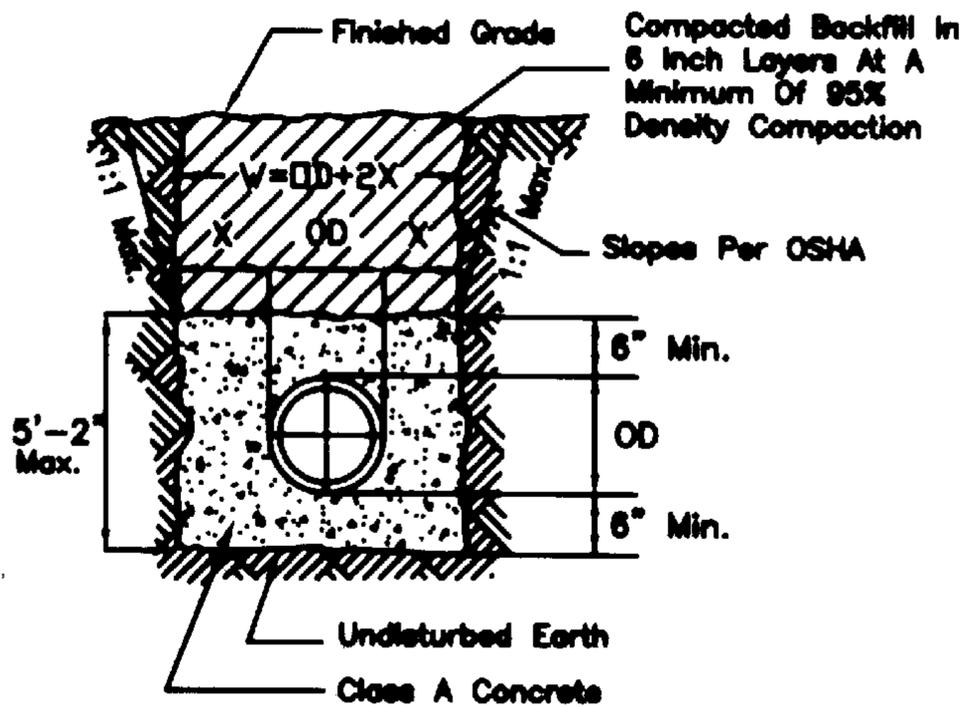
STANDARD TRENCH

PIPE SIZE	X
LESS THAN 12"	**
12" - 30"	12"
33" - 42"	15"
48" & LARGER	18"

** Trench width (W) shall be 3'-0" max.
 Width of Trench (W)=OD+2X where X is distance from outside of pipe to edge of trench.



CONCRETE CRADLE



CONCRETE ENCASEMENT

GENERAL NOTES

1. CONCRETE FOR CRADLES AND ENCASEMENTS TO HAVE $F'_c = 3000$ PSI AT 28 DAYS.
2. POUR CONCRETE AGAINST UNDISTURBED EARTH.
3. FOR CONTINUOUS CONDUIT IN TRENCH CONDITIONS THE WIDTH OF TRENCH (W) SHALL BE $OD+2X$ MAXIMUM.
4. THE WIDTH OF TRENCH FOR ALL OTHER PIPE DIAMETERS SHALL BE ACCORDING TO TABLE.
5. BACKFILL MATERIAL IN ROADWAY SHALL BE CRUSHED STONE #67 COMPACTED IN 6" LAYERS FOR THE FULL DEPTH OF THE TRENCH.

NOT TO SCALE

METROPOLITAN GOVERNMENT OF NASHVILLE AND DAVIDSON COUNTY
 DEPARTMENT OF PUBLIC WORKS

TRENCH BACKFILL

DWG. NO. DR-180

ASST. DIR. ENG.: *Mark May* DATE: *1/04/01*
 DIRECTOR: *Donald J. ...* DATE: *1-4-01*

REVISED: 12/01/00