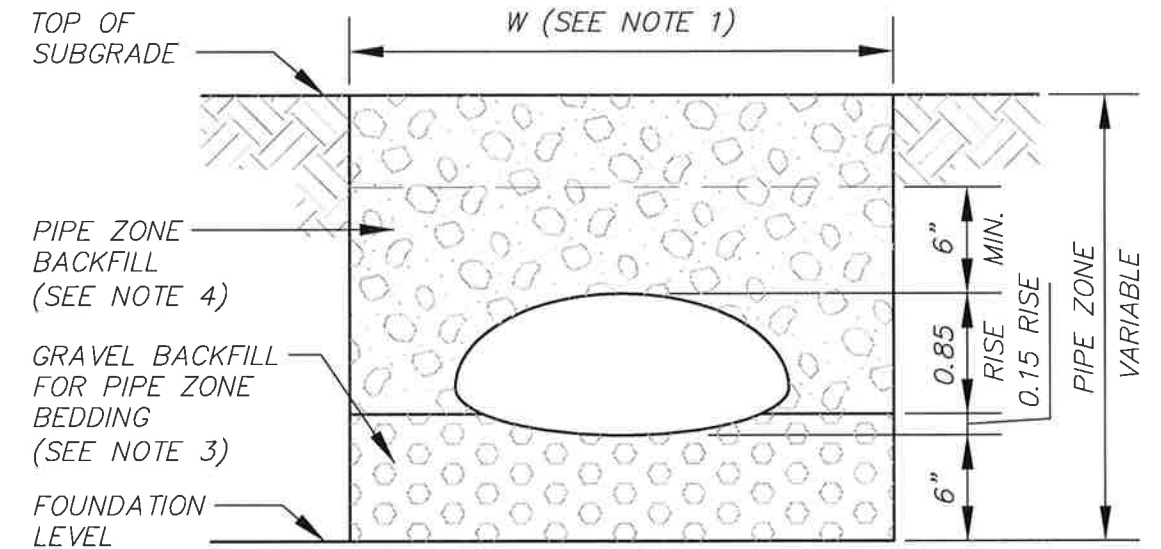
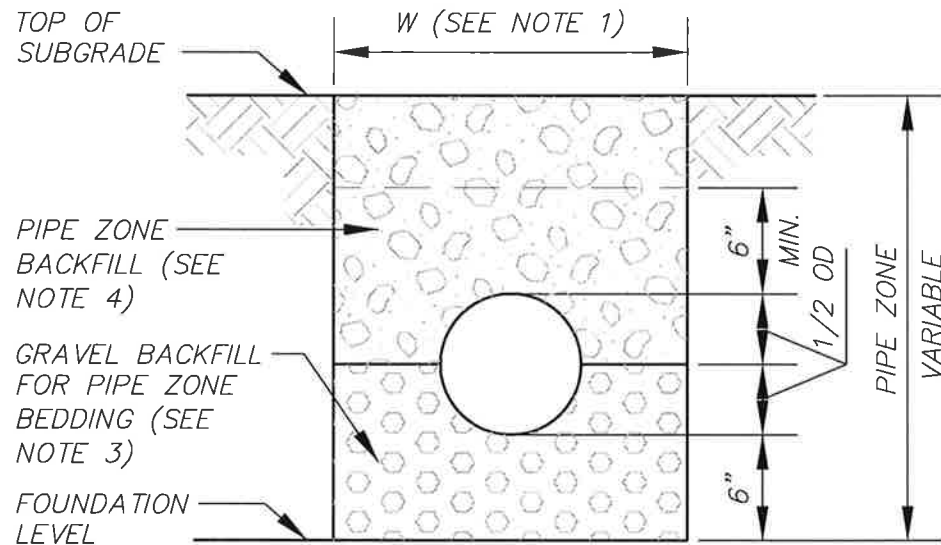


THERMOPLASTIC PIPE

CLEARANCE BETWEEN PIPES FOR MULTIPLE INSTALLATIONS		
PIPE	SIZE	MINIMUM DISTANCE BETWEEN BARRELS
CIRCULAR PIPE (DIAMETER)	12" TO 24"	12"
	30" TO 96"	DIAMETER / 2
	102" TO 180"	48"
PIPE ARCH METAL ONLY (SPAN)	18" TO 36"	12"
	43" TO 142"	SPAN / 3
	148" TO 200"	48"



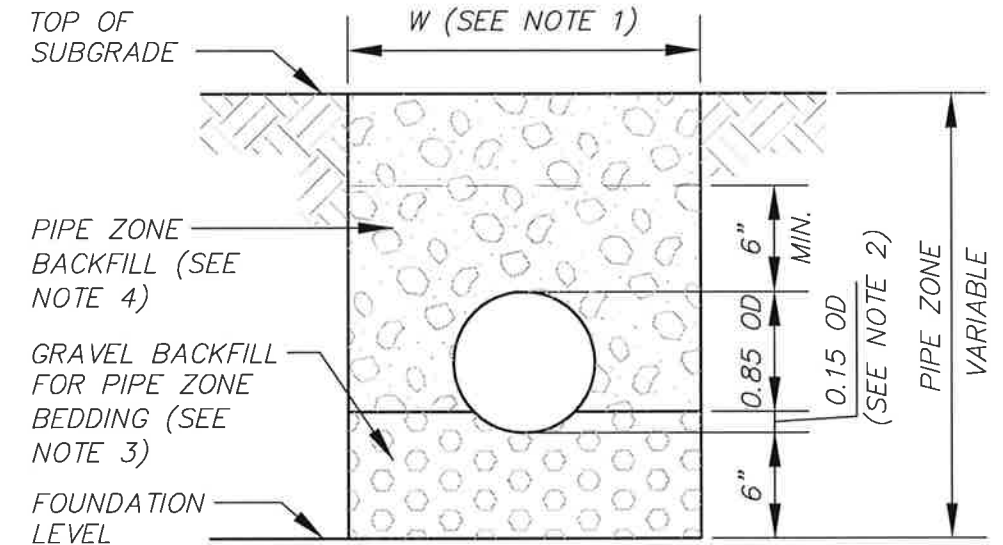
PIPE ARCHES



METAL PIPE

NOTES:

- 1) TRENCH WIDTH SHALL BE IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATIONS SECTION 2-09.4.
- 2) FOR SANITARY SEWER INSTALLATION, CONCRETE PIPE SHALL BE BEDDED TO SPRING LINE.
- 3) GRAVEL BACKFILL FOR PIPE ZONE BEDDING SHALL BE IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATIONS SECTION 9-03.12(3).
- 4) PIPE ZONE BACKFILL SHALL BE IN ACCORDANCE WITH WSDOT STANDARD SPECIFICATIONS SECTION 7.08.3(3).



CONCRETE AND DUCTILE IRON PIPE

(NOT TO SCALE)



Pierce County

Public Works and Utilities
Office of the County Engineer
Tacoma Mall Office Building
4301 South Pine Street, Suite 446
Tacoma, WA 98409-7207

DATE	REVISION	APPROVED	DRAWN



BRIAN D. STACY, P.E.
COUNTY ENGINEER

7-14-09

Office of the County Engineer

PIPE ZONE BEDDING AND BACKFILL

PC.B9