



Pipe Dia.	Bearing Area (Min.)	H (Min.)	L (Min.)	T (Min.)	Reinforcing
6"	7.1 SF	3.1'	7.0'	1.5'	#4 @ 12" OC EW
8"	12.6 SF	3.3'	7.2'	1.5'	#4 @ 12" OC EW
12"	28.3 SF	4.5'	8.8'	2.0'	#4 @ 8" OC EW

NOTES:

1. MAINTAIN 18" MINIMUM COVER OVER THE TOP OF BLOCK. DO NOT INSTALL BLOCK ON TOP OF PIPE JOINT.
2. BOTTOM OF BLOCK IS TO BE ON UNDISTURBED SOIL.
3. TRENCH TO BE BACKFILLED AND COMPACTED TO 95% DENSITY ON ALL SIDES OF BLOCK AND A DISTANCE OF 4' MIN. IN FRONT OF BLOCK TO FULL DEPTH OF BLOCK.
4. IF BLOCK CANNOT BE KEYED INTO UNDISTURBED SOIL TO THE SATISFACTION OF THE CITY, a) THE BLOCK LENGTH SHALL BE EXTENDED TO PROVIDE AN ADEQUATE KEY OR b) CDF SHALL BE USED TO FILL BACK TO NATIVE SOIL OR c) THE TRENCH SHALL BE BACKFILLED AND COMPACTED TO 95% DENSITY A MINIMUM DISTANCE OF 15 FEET IN FRONT OF THE BLOCK TO THE SATISFACTION OF THE CITY.
5. BLOCK SIZES BASED ON TEST PRESSURE OF 250 PSI, SOIL BEARING CAPACITY OF 1500 PSF AND SAFETY FACTOR OF 1.5.
6. LOCATION AND SIZE OF BLOCKING FOR PIPE LARGER THAN 12" AND FOR SOIL BEARING PRESSURE DIFFERENT THAN SHOWN SHALL BE APPROVED BY THE CITY OF LYNNWOOD.

DRAWING NUMBER	U-WAT-14
SCALE	NONE
REVISION DATE	03/22
DEPARTMENT	PW