



NOTE: FERNCO COUPLINGS AND OTHER RUBBER COUPLINGS ARE NOT APPROVED EQUALS. (SEE NOTE 10)

**NOTES:**

1. WHERE DEPTH OF PIPE MUST BE LESS THAN 44" INSULATION SHALL BE REQUIRED AS APPROVED BY THE ENGINEER.
2. MINIMUM GRADE SHALL BE 2% (1/4" PER FOOT).
3. MINIMUM PIPE DIAMETER SHALL BE 4".
4. ACCEPTABLE MATERIALS FOR PIPE CONSTRUCTION BETWEEN THE PROPERTY LINE AND THE CLEANOUT AT THE FOUNDATION INCLUDE: PVC (SDR 35 OR THICKER), A.B.S. (SCHEDULE 40), DUCTILE IRON (CLASS 2), AND CAST IRON (CLASS 2200).
5. MATERIALS AND INSTALLATION OF THE SEWER LATERAL SHALL CONFORM TO THE UNIFORM PLUMBING CODE. (NOTE: SDR 35 PVC IS NOT AN APPROVED MATERIAL FOR USE UNDER OR INSIDE THE FOUNDATION).
6. LATERAL DEPTH OF SANITARY SEWER SERVICE AT PROPERTY LINE SHALL ACCOMMODATE EXISTING SEWER LATERAL OR FUTURE BUILDING SITE(S). SEE STANDARD 213.
7. IF SEWER LATERAL IS LESS THAN 12" FROM FOUNDATION, SEWER LATERAL SHALL EITHER BE IRON PIPE OR A.B.S. SLEEVED IN IRON. IF SEWER LATERAL PASSES THROUGH THE FOUNDATION WALL, PIPE SHALL BE IRON AND THERE SHALL BE AT LEAST A 1" GAP IN CONCRETE AROUND PIPE. THIS GAP SHALL BE SEALED WITH FOAM.
8. CLEANOUT CONSTRUCTED OF "WYE" FITTING AND CAP OF SAME MATERIAL AS PIPE SHALL BE CONSTRUCTED WITHIN 2' TO 5' OF BUILDING FOUNDATION. AN ADDITIONAL CLEANOUT SHALL BE REQUIRED FOR EVERY 100' OF PIPE AND FOR EACH AGGREGATE BEND OF 135°.
10. IF SEWER LATERAL DIFFERS IN MATERIAL OR SIZE FROM REST OF LINE, A COUPLING, NON-SHEAR, EITHER MISSION FLEX SEAL, ROMAC INDUSTRIES LSS1, OR APPROVED EQUAL IS REQUIRED. FOR LSS1 COUPLING, MINIMUM LENGTH IS 8" FOR A 4" DIA PIPE AND 12" FOR A 6" DIA PIPE.

<b>SCALE:</b>	NTS	<b>DATE:</b>	7/5/95
<b>DRAWN BY:</b>	DRW	<b>CHECKED BY:</b>	STAFF
<b>APPROVED BY:</b>	<i>DRW</i>		<b>REVISD:</b> 8/14/2011
<b>CITY AND BOROUGH OF JUNEAU, ALASKA SANITARY SEWER CONNECTION CUSTOMER SERVICE LINE</b>			<b>STANDARD 214</b>