



**NOTES:**

1. WHERE DEPTH OF PIPE MUST BE LESS THAN 48" INSULATION SHALL BE REQUIRED AS APPROVED BY THE ENGINEER.
2. GRADE SHALL MATCH MAIN LINE FLOWLINE WITH A MINIMUM SLOPE OF 0.4%. VERTICAL PIPE SHALL BE PLUMB.
3. MINIMUM PIPE DIAMETER SHALL BE 8" UNLESS APPROVED BY THE ENGINEER.
4. MATERIALS FOR PIPE CONSTRUCTION SHALL CONFORM TO CBJ STANDARD SPECIFICATIONS FOR CIVIL ENGINEERING PROJECTS AND SUBDIVISION IMPROVEMENTS DATE DECEMBER 2003, SECTION 02401 - SANITARY SEWER PIPE, 2:2 PVC SEWER PIPE.
5. MATERIALS AND INSTALLATION OF THE SEWER LATERAL SHALL CONFORM TO THE UNIFORM PLUMBING CODE.
6. BASE FOR LID SHALL BE A MIN OF 6" D-1 COMPACTED TO 95% DENSITY OR AS DIRECTED BY THE ENGINEER.
7. CLEANOUTS MAY BE SUBSTITUTED FOR AN ENDLINE MANHOLE ONLY WITH APPROVAL FROM WASTEWATER UTILITIES.

SCALE: NTS	DATE: 8/9/10	CITY AND BOROUGH OF JUNEAU, ALASKA SANITARY SEWER CLEANOUT MAINLINE	
DRAWN BY: STAFF	CHECKED BY: STAFF		
APPROVED BY: <i>DRW</i>	REVISED: 8/14/2011	STANDARD 208	