

## NOTES:

1. All materials and workmanship shall conform to City of Wasilla Specifications and all applicable local, state and federal codes and standards.
2. Electrical work shall conform to City of Wasilla Specifications and National Electrical Code (as adopted and modified by State of Alaska).
3. No work shall be buried nor concealed prior to being inspected and accepted by the City of Wasilla. Contractor shall coordinate with Public Works Department regarding scheduling of inspections.
4. Septic tank size shall be in accordance with Alaska Department of Environmental Conservation (ADEC) regulations and recommendations. Engineering calculations and plans may be required for commercial facilities. When the septic tank is located within the water table a 6" thick concrete slab is poured between the clean-outs.
5. Ladder within vault shall be located at 90° from pressure sewer line and gravity sewer line. Electrical conduits should be to the side not to hinder access. Ladders in vaults shall conform to the new MOA Standards for manholes.
6. All joints in vault shall be sealed with Ram-Nek and shall be grouted inside and outside to produce a smooth continuous surface.
7. Minimum separation distances of 100' must be maintained from all bodies of water and drilled wells.
8. 95% compaction on all road surfaces must be obtained and certified.

### MATERIALS:

1. Electrical wire shall be XHHW, individually color coded (entire length) per City of Wasilla Specifications. One extra pair of wire required in power conduits and float conduits.
2. Pressure pipe shall be 2" high density polyethylene, HDPE 3408, SDR11, insulated and heat traced. Uninsulated pipe may be used with the approval from the City of Wasilla and Engineer, installed with a minimum burial depth of 12 feet or (10' 2" extruded polystyrene insulation). Uninsulated pipe may not be used if groundwater is encountered less than 10 feet deep.
3. Gravity pipe shall be as specified by Uniform Plumbing Code and ADEC Regulations. 2% Grade min.
4. All fittings in pump vault shall be brass or stainless steel.
5. Wire nuts in J box to be enclosed in scotch seal packs #35-70.
6. All conduits shall be metal.
7. Heat trace shall be 240 VAC, at 5 Watts/ft. self-limiting.
8. On any tank located after an external grease trap the solid side of the tank clean-out shall be installed in such a manner as to provide man access to tank opening. A minimum of a 25" opening is required from top of tank to grade.
9. Septic tanks greater than 2,000 gallons will have the solids & liquid clean out brought to grade at the 20" diameter not the 4". (see Figure 440 C)

DATE:	REVISED: 1/23/12	CITY OF <b>WASILLA</b>	MISC. NOTES	SCALE: NONE
DRAWN BY: W/W Tech II				SHEET 1 OF 1
CHECKED BY:				FIGURE: