


**NOTES:**

1. TYPE 4A MANHOLE TO BE UTILIZED AS FOLLOWS:  
-ALL CASES FOR PIPE 30" AND GREATER
2. MANHOLE MATERIALS AND CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE SSPWC.
3. PORTLAND CEMENT CONCRETE (PCC) SHALL BE A MINIMUM 4000 PSI COMPRESSIVE STRENGTH @ 28 DAYS WITH MINIMUM 6.25 SACKS OF TYPE II CEMENT (588 LBS) PER CUBIC YARD OF CONCRETE, A MAXIMUM WATER/CEMENT RATIO OF 0.45, 4.5-7.5% AIR ENTRAINMENT, AND SLUMP SHALL RANGE FROM A MINIMUM OF 1" TO A MAXIMUM OF 4". ALL MATERIALS SHALL CONFORM TO THE LATEST EDITION OF THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION (SSPWC).
4. ALL MANHOLES SHALL INCLUDE D&L FOUNDRY 24FC-1032-WC FRAMES & COVER ASSEMBLIES, OR EQUAL, WITH "WASHOE COUNTY SEWER" CLEARLY STAMPED ON THE COVER.
5. EXCAVATION & BACKFILL SHALL BE AS SPECIFIED FOR "TRENCH EXCAVATION & BACKFILL" IN THE SSPWC.
6. PRECAST MANHOLE SECTIONS, OTHER THAN GRADE RINGS, SHALL BE JOINED WITH FLEXIBLE PLASTIC GASKET MATERIAL SUCH AS "RAM-NEK", OR EQUAL, AS PER MANUFACTURER'S RECOMMENDATIONS.
7. EARTH IN PLACE CAN BE USED AS FORM.
8. STRUCTURAL PLYWOOD OR SONOTUBES IN PLACE CAN BE USED AS FORMS.

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			<p style="text-align: center;">MANHOLE TYPE 4A NOTES</p>	DRAWING NUMBER: W-222B
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