



NOTES

1. For details showing grade ring, ladder, steps, handholds and top slabs, see Standard Plan No. SU-21.
2. Non-reinforced concrete in channel and shelf shall be Class 3000. All precast concrete shall be Class 4000.
3. Rubber gaskets shall be used in tongue and groove joints of pre-cast sections.
4. A flexible pipe-to-manhole connector shall be employed in all connections of rigid and flexible pipes to new precast concrete manholes. The connector shall be "Kor-N-Seal" with "Wedge Korband" manufactured by NPC, Inc., or approved equal.
5. Base reinforcing steel shall be per manufacturer's recommendation.

MANHOLE DIMENSION TABLE				
INSIDE DIAMETER	MINIMUM WALL THICKNESS	MINIMUM BASE THICKNESS	MAXIMUM HOLE SIZE	MINIMUM DISTANCE BETWEEN HOLES
48"	4"	6"	36"	8"
54"	4 1/2"	8"	42"	8"
60"	5"	8"	48"	8"

Initial BW PUBLIC WORKS Initial JR TACOMA POWER	Initial REVIEWED BY EW ENVIRONMENTAL SERVICES Initial TJ TACOMA WATER		APPROVED FOR PUBLICATION Signed by: Ramiro Chavez, P.E. PGM CITY ENGINEER DATE 09/15/2025	CITY OF TACOMA MANHOLE - TYPE 1 48", 54", AND 60" STANDARD PLAN NO. SU-17
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