



BACKFILL COMPOSITION

75% GYPSUM
 20% BENTONITE
 5% SODIUM SULFATE

**MAGNESIUM ANODE
 ALLOY COMPOSITION
 HIGH & STANDARD
 POTENTIALS**

Element	HIGH POTENTIAL Weight %	STANDARD POTENTIAL Weight %
Al	.01 Max	5.3 to 6.7
Mn	0.05 to 1.3	0.15 to 0.30
Zn	0.002 Max	2.5 to 3.5
Cu	0.02 Max	0.02 Max
Ni	0.001 Max	0.002 Max
Fe	0.025 Max	0.003 Max
Si	0.002 Max	0.10 Max
Other	0.05 each Max and 0.3 Total Max	0.05 each Max and 0.3 Total Max
Mg	Balance	Balance

NOTE:

USE HIGH OR STD POTENTIAL ANODE ALLOY AND INGOT WEIGHT AS DIRECTED BY ENGINEER OR AS INDICATED IN THE DESIGN DRAWINGS.

INGOT WT	"D"	"L"	TOTAL WT
17	6-1/2	29	45
32	8-1/2	28	70
48	7-1/2	38	105

NOTE:

- APPROX DIMENSIONS AND WEIGHTS IN INCHES AND POUNDS.

APPROVED: District Engineer 5/16/2019 Latest Revision Date	 VALLEY CENTER MUNICIPAL WATER DISTRICT STANDARD DRAWING	NOT TO SCALE
		DWG. NUMBER W-52