

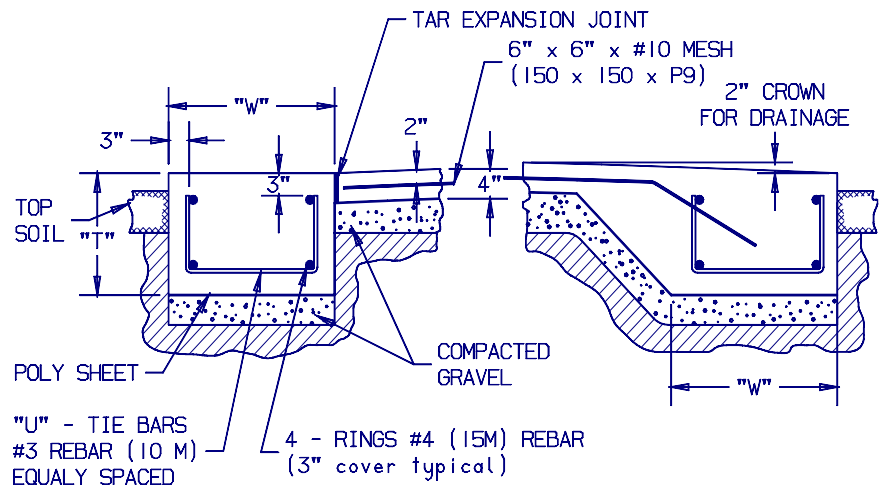
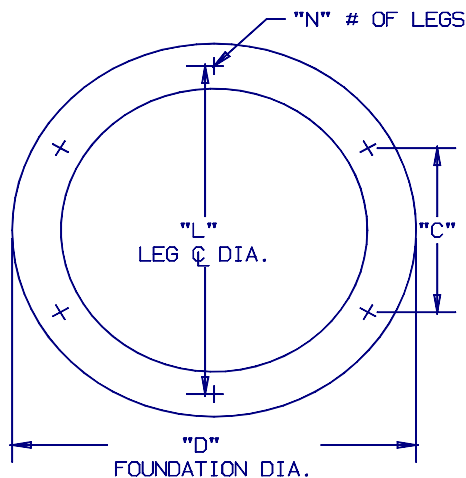
To ensure safe installation, your hopper bottom **must** be permanently mounted on a **WESTEEL** Steel Foundation or a concrete foundation. For a Steel Foundation, the following steps must be followed:

- Select a location with good drainage. Remove **all** loose, black (organic), or wet soil from an area 2' larger in diameter than your bin. (For example, 16' for 14' bin)
- Fill the **whole** excavated area with 3/4" crushed gravel to a level slightly higher than the surrounding soil to ensure drainage. See chart below for minimum DEPTH 'T' of gravel required. Level and pack **all** gravel before placing steel foundation. DO NOT leave centre portion of gravel hollow. Foundation must contact gravel at all points.

### CONCRETE FOUNDATION SPECIFICATIONS

Should you choose to use a concrete foundation, the following instructions must be followed:

- Select a location with good drainage. Remove **all** loose, black (organic), or wet soil. Soil Bearing Capacity of 2500 lbs./sq. ft. minimum is recommended. Excavate for a gravel base of 8" to 12" under the pad. Compact the gravel.
- Reinforce and pour your curb-type or single-pour foundation per the table and diagrams below. Use high-strength Sulphate-Resistant concrete - 3000 psi (21 MPA) minimum. Allow concrete to cure well before filling your bin - a minimum of 21 days is recommended to allow concrete to reach at least 75% strength.
- Place hopper on foundation and mount using 1/2" anchor bolts. Legs **must** be shimmed so that all legs touch pad.



Bin Dia. (Ft)	Capacity (Tons)	# of Legs	Fdn Dia "D"	Leg Ctr Dia "L"	Chord "C"	Depth "T" Concrete Or gravel	Width "W"	Tie Qty "U"
8'	18	4	107"	89"	62 1/2"	8-10"	18"	n/a
12'	27-57	6	167"	147"	74"	10-12"	20"	12
12'	73	6	171"	147"	74"	14-16"	24"	12
14'	34-54	6	182"	161 3/4"	80 3/4"	10-12"	20"	12
14'	73-92	6	186"	162 3/4"	80 3/4"	14-16"	24"	12
16'	75-123	8	209"	185"	70 3/4"	14-16"	24"	16
16'	147-170	8	209"	185"	70 3/4"	22-24"	24"	16
16'	198-223	8	215"	185"	70 3/4"	24-28"	30"	24

**Approx. Concrete Req'd - Curb Type:** (in.) = inches

Ring: Leg Ctr dia (in.) x actual Width (W-in.) x Actual Depth (T-in.) / 14,850 = cubic yards.

Centre Pad: Actual Ring inside dia (in) x Actual Ring inside dia (in) x Actual depth (in.) / 59,404 = cubic yards.

Add Ring and Pad requirements to get approximate total concrete yardage. To convert cubic yards to cubic meters, multiply your total yardage by .7645 to get cubic meters.

**FAILURE TO FOLLOW THESE INSTRUCTIONS MAY VOID WARRANTY**