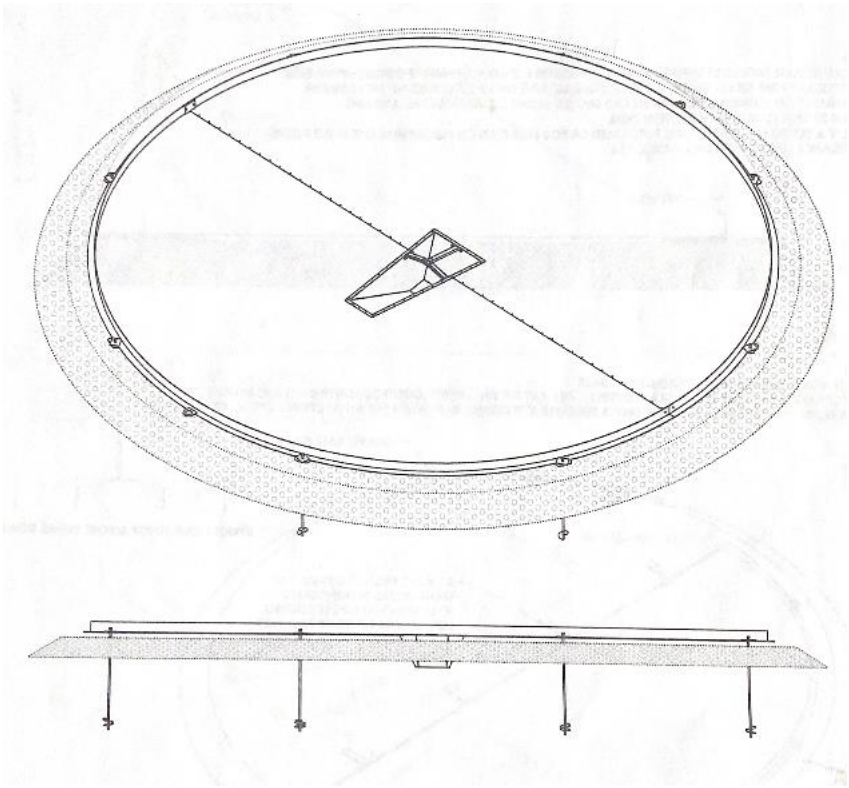
DARMANI

INSTALLATION MANUAL

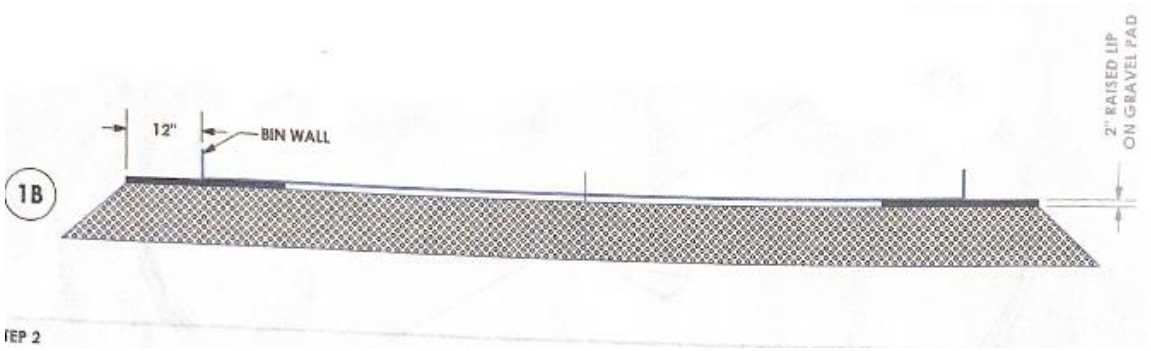
GRAVEL PAD, STEEL FLOOR AND PIT



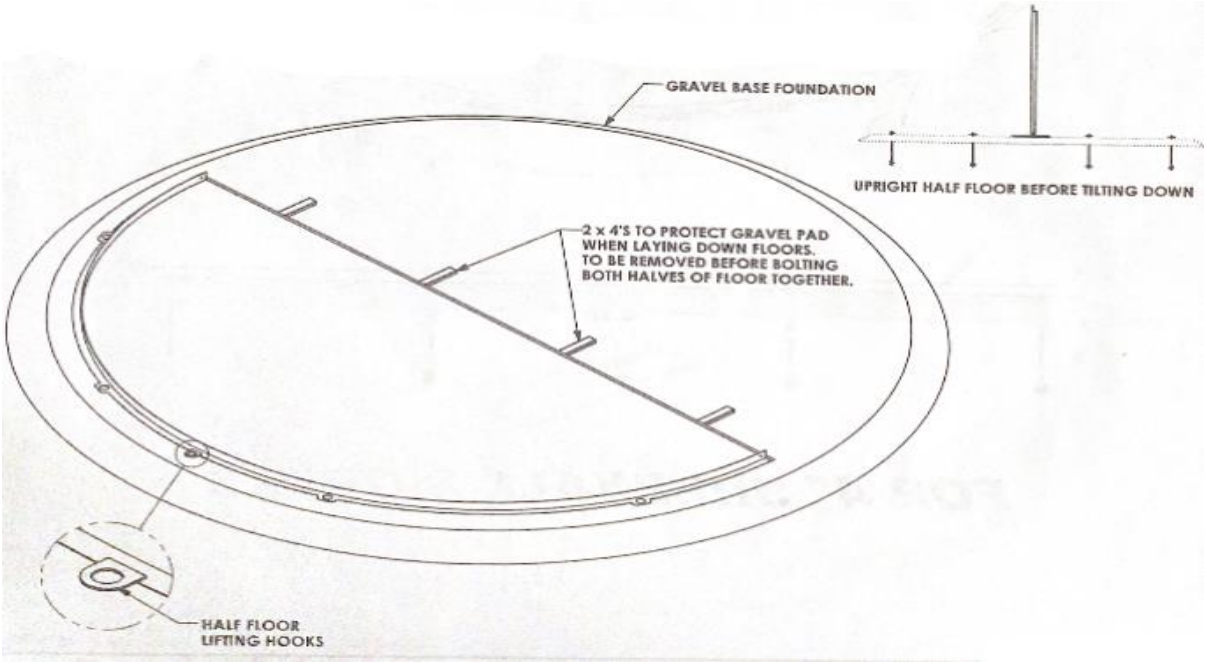
FOR 4” SIDEWALL MODELS

Step 1A
- Choose a firm, level, well-drained site so snow/water cannot collect near the bin.
- It is recommended that the soil have a bearing capacity of at least 3,000 lbs/sq. inch.
- It is recommended that a well-packed coarse gravel or crushed rock be used.
- Depending on the diameter and sidewall height of the bin, the bases should be 6-12" above ground, level after it's packed down.
- Use a level or transit when preparing base. See diagrams below for pad foundation directions.

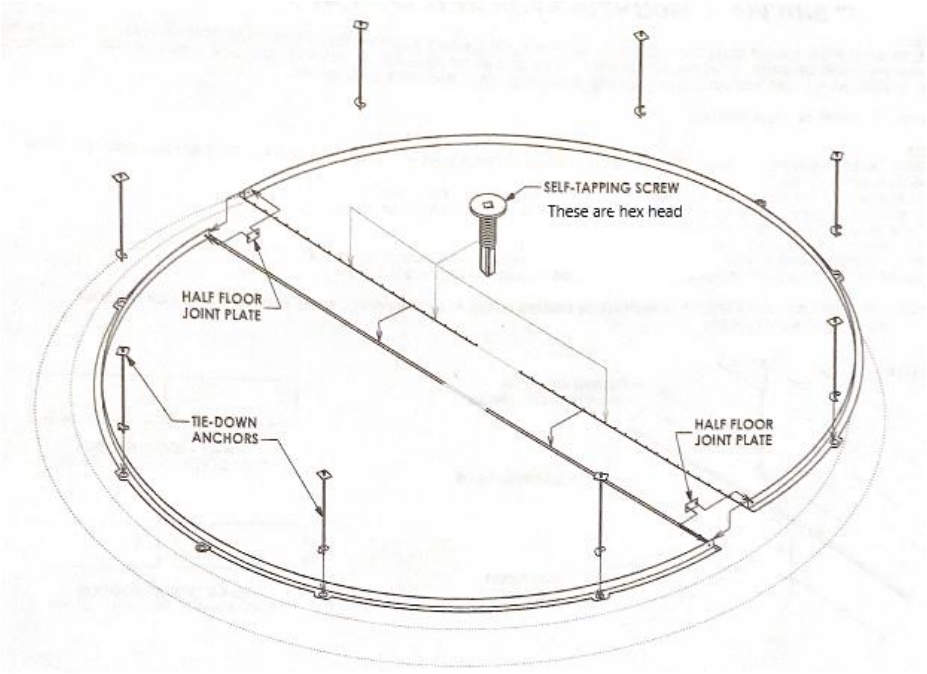
Step 1B
- The gravel base should be level, 1' bigger than the bin, and at least 6" thick.
- For multiple bin installations, the gravel pad should be one continuous pad and bins should be spaced with 3' – 4' between them.
- Note: If a skylift ladder system is purchased or you ever plan on purchasing one in the future, the distance left between bins should be 5'.



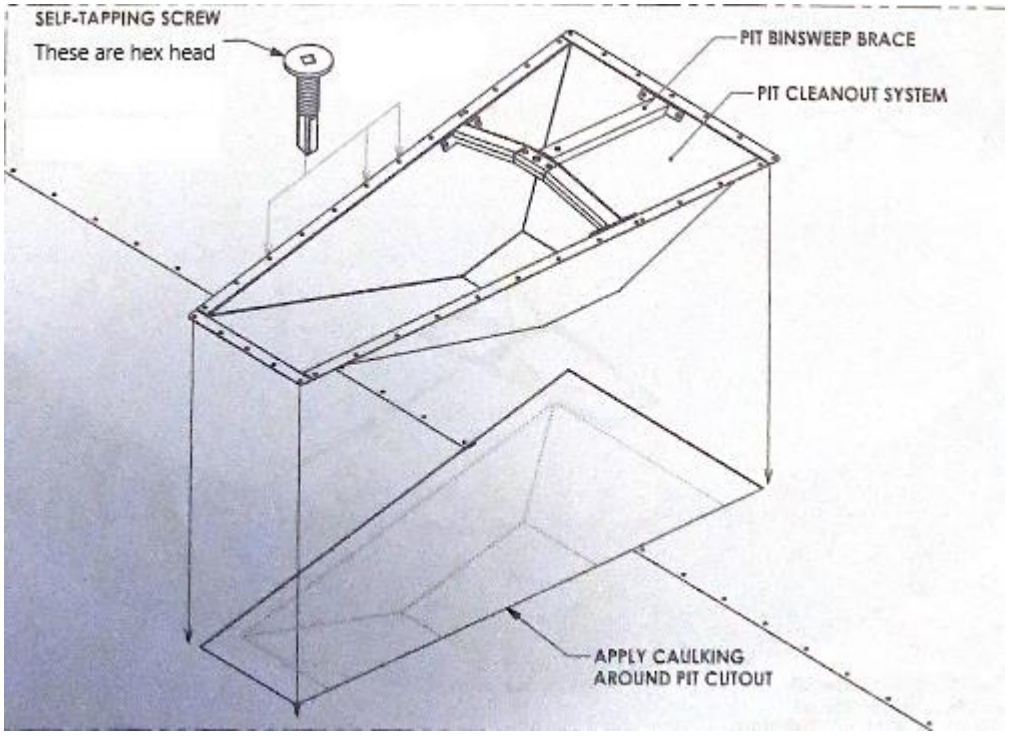
Step 2
- Place non hole half floor onto gravel base.
- Place halves as close together as possible. This way the bin is in the loose position (Fig 4.1) and bin will slip over easily. ****Note: Do not screw halves together at this time. Wait until after bin is lowered onto floor.



Step 3



Step 4 (Optional Pit Installation)
- Measure center of floor along center seam
- Mark hole and cut out for pit with torch, grinder, plasma, etc.
- Remove gravel and dirt from hole to fit pit. ***Note: Do not make pit hole any deeper than pit.
- Caulk and screw pit in place with self-tapping screws.



4” SIDEWALL MOUNTING FOR RETRO-FIT OR NEW BIN MOUNTING

Step 1
- Take out bottom row of bolts on existing bin. Remove bottom angle iron ring that attaches bottom sidewall sheets to existing floor
- With bin crane or other lifting equipment, position bin so that the bin sidewall sits on outside of 4” ring and directly on floor. Floor is now in loose position. See Fig. 4.1 (This way no moisture will enter into the bin.)

Note: No screws in loose position.

Step 2
- With 2 bars spread the 2 halves evenly so space is equal on both sides which will ensure a perfect tight seal onto the bin wall. Floor is now in tight position. See Fig 4.2.
- Screw in 5/16” self tapping screws (with magnetic driver) into the bin sidewall.
- Clean out the middle of the floor where the two halves will be screwed together.
- Put a bead of caulking in to seal the two halves.
- Screw in 5/16” flat head screws into the pre-drilled holes.
- Fasten center plates with self tapping screws and caulking to get moisture proof seal.
- Caulk the seam circumference between floor sidewall and bin wall inside the bin.

Note: There is no need for stiffener extensions or drilling holes, as mounting will be the same as if it was on previous wood or cement floors.