

Field Measuring for Entrance Grate Recesses

Tools you will need:

- Measuring tape in 1/16" increments
- Angle finder (digital if available)
- Depth Gauge
- Contour duplicating gauge (for odd shapes)
- A sketch or drawing for each area being measured.

Steps to take accurate measurements:

1. Clean recess thoroughly using a brush and shop vacuum to remove all dust and loose debris.
2. Using your depth gauge, take several measurements from the bottom of the pit opening to the top of the finished floor.
 - a. This measurement should be not more than +/-1/16" from the depth of the frame that will be installed.
 - I. If it is deeper, you may need to pour concrete to the correct depth before installation.
 - II. If it is shallower then please contact Hendrick with the depth so we can assist in providing options for reducing the overall height of the system that will be installed.
3. Check side walls of pit to see how plumb they are to the bottom surface of the pit. (see illustration.)
 - a. This will determine where you will be taking your measurements.
 - I. If there is variance, you will need to take the measurements from the point that is closest to the center of the opening.
4. Measure the length of the opening.
 - a. You will need to take a measurement at the front middle and back of those edges. (see illustration included with instructions.)
 - b. Record these measurements on the drawing at those locations.
5. Measure the width of the opening.
 - a. You will need to take a measurement at the left middle and right of those edges. (see illustration included with instructions.)
 - b. Record these measurements on the drawing at those locations.

6. Using the angle finder, measure each of the corner angles.
 - a. Record these measurements on the drawing at those locations.
7. Special measurements can be done using the Contour duplicating gauge.
 - a. These areas would require being transferred over to paper with measurements included.
 - I. If you wish to take a picture of the area that can be helpful as well as providing the measurements with the gauge.
8. Lastly, mark the direction of traffic on the drawing and label the drawing with the building location for cross reference.
9. Scan and send in drawings for each location to your Hendrick representative to be translated into fabrication drawings.
 - a. Include the contact name, number and email on the drawings in case there are questions that need to be asked regarding what has been received.

ILLUSTRATION 1

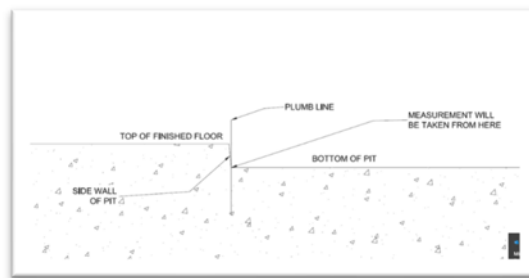


ILLUSTRATION 2

