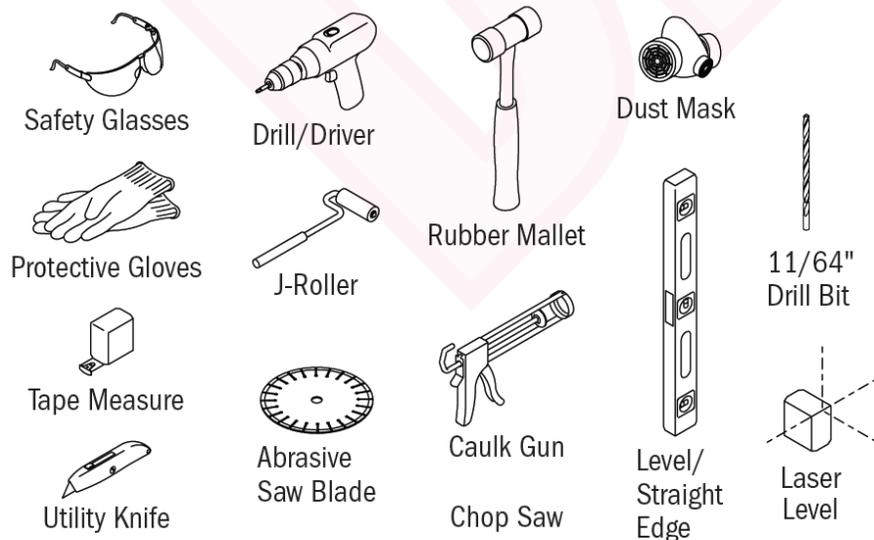


Part 2 – Bottom Track



Install videos available online
<http://weilandslidingdoors.com/install>

Typical Tools Needed



General Supplies Needed



Thank you for choosing Andersen.

Please leave this document with the building owner.

General Product Information And Installation Site Specifications

The following techniques are a good starting point for installing your Liftslide system. There are numerous variations to the following instructions such as system configuration, site conditions, local building codes, and exposure levels that will dictate how the units you have purchased are ultimately installed.

Anyone using this document acknowledges that Weiland has no obligation to perform any on-site inspection, before, during, or after construction and installation.

Compliance with all applicable laws, ordinances, building codes, and safety requirements with regard to Weiland specifications or use of the door is the responsibility of others.

Weiland is not responsible for conditions in or performance of the building construction adjacent to and beyond the perimeter of the Door. Selection of the method of attachment for the door to the building structure and the types of fasteners to be used beyond those identified in our current installation instructions is the responsibility of others. In door replacement situations, Weiland is not responsible to inspect the site or door opening to approve the structural integrity of the existing opening, header load carrying capabilities, or overall opening fitness for door installation.

Your Door System

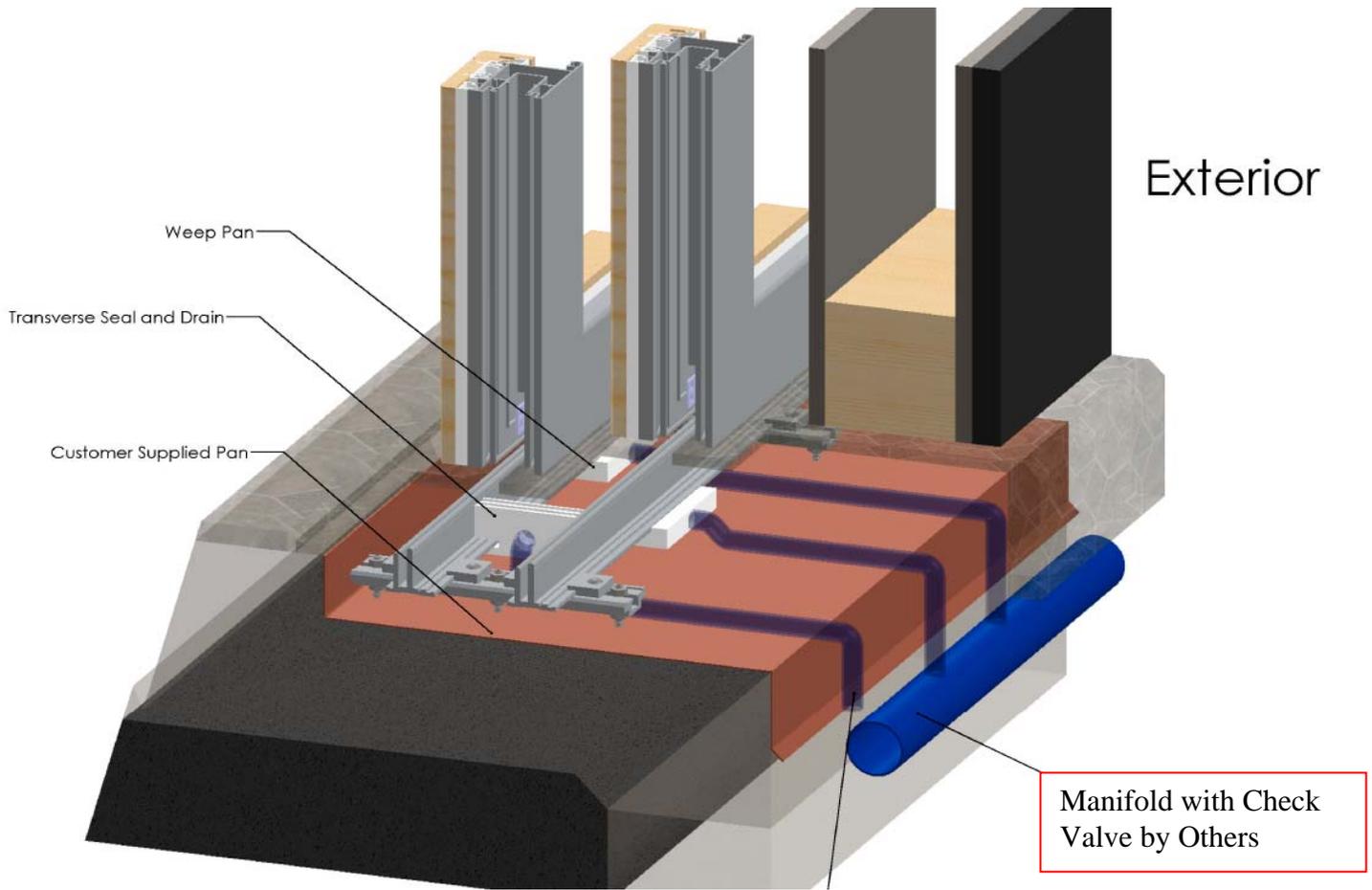
Your particular configuration may be different than the example used, but this manual and your shop drawings will provide you with the information you will need prior to the arrival of your door(s).

Before you begin the following checklist make sure you have the **final approved shop drawings**. **Often shop drawings are revised during the order and design phase, so the system dimensions may change.** You should have your approved shop drawings on hand at the jobsite through the final installation of the floor. Your job specific drawings contain information that will be required when reading this manual. If you do not have a copy of the approved shop drawings please contact your dealer directly to obtain a copy.

Pre-Installation Checklist:

1. The rough opening (RO) is the correct size, plumb, and square. The RO is called out on your shop drawings.
2. Header Considerations
 - a. The structure must be fully loaded prior to the installation of the door system. The maximum allowable live load deflection over the entire system length should not exceed 1/8" after the roof is loaded. Weiland recommends that engineered lumber be used to span the system length with minimal sagging, and in some cases steel beams are required to span large openings. The decisions about header framing design should be made by a qualified structural engineer.

3. The head track and side jamb widths are called out on your shop drawings.
 - a. A continuous plane of mounting material is required to anchor the head track and side jambs.
 - b. Note that some of our products have a staggered head track or offset wall locations. Refer to your final shop drawings for more information.
 - c. The mounting holes are pre-drilled and, in the case of aluminum products, counter sunk for a #10 flat head fastener. Use of a different fastener may damage the door, and affect performance. Weiland does not provide installation hardware.
 - d. If you are installing an Impact Rated Unit, please request and refer to the Impact Installation Guide for the required fasteners you will need.
4. Sill Preparation
 - a. The weight of your Liftslide door rolls on the bottom track. Structural considerations to support this load should be evaluated by a qualified structural engineer. After the door system is installed a hi-strength PSI dry pack or self-leveling concrete is required to support the track bridges long term.
 - b. Ensure correct recess from the top of the finished floor location to the bottom of the depression. The depression depth is called out on your shop drawings and is the required minimum. More is always better as adjusting the track up is easier than chipping out concrete to go deeper or reframing the depression.



- c. The elevation of the finish floor needs to be determined ahead of time and noted somewhere near the opening. If the track will be embedded into concrete, the depression for the track needs to be set in the concrete according to the approved job specific drawings. If the system will be over a framed truss structure, a way to contain the track and accommodate the dry pack of concrete surrounding the track should be determined.
 - d. Your bottom track may be built with a weep system. If so, drain locations should be identified so the drain tubing can be run before filling the depression.
5. Delivery
- a. A standard Liftslide door with 1-1/4" thick glass weighs approximately 7.5 lbs per square foot of panel. Plan to have appropriate personnel and equipment (forklift if necessary) to safely unload the product at delivery and to safely install the units. If you have specialty glass (including tri-pane, impact, or radius glass) please contact Weiland for help with approximate weights.
 - b. Once your Weiland Door System arrives on site you should unpack all of the components, check them against the packing slip, and lay all of it near the appropriate opening in a location that does not interfere with the install. Shipping damage must be noted on the carrier paperwork and reported to Weiland immediately and most importantly prior to installation.
6. The Weiland warranty requires any wood surfaces to be sealed immediately following delivery. This serves two purposes:
- a. Sealing protects the wood from swelling and contracting, which can damage the wood and affect the performance of the panels.
 - b. Once the doors are installed some of the wood surfaces will be visible but inaccessible.

Additional Foundation Prep

Track System

One of the unique aspects of the Weiland Liftslide system is the minimal track that is exposed after installation. To obtain this look and allow the weight of the doors to travel smoothly, a unique track system has been developed. This system has been developed with an easy installation in mind but the system requires some pre installation planning.

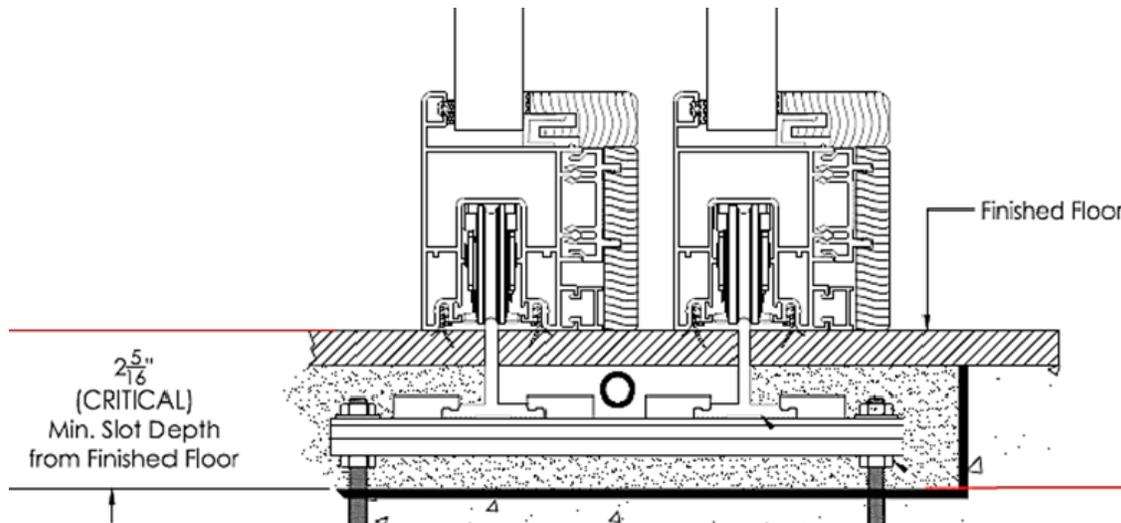
The concrete/wood framing in this area should be of the highest quality. A depression needs to be prepared in the sub floor. Please reference the shop drawings when determining track depression dimensions.

The length and width of the depression are determined by the door configuration and track system to be installed. The length of the depression in the sub floor is determined by the overall system length plus 1/2" clearance at each end. The depression width is determined by the width of the track system as defined in your shop drawings plus 1" clearance on the interior side of the track bridge.

Determining the Depression Depth

Often the customer has not selected their floor material at this stage in construction. The deepest depression required by standard Liftslide tracks can be determined by subtracting 2-5/16" from the top of finished floor location. This dimension allows for 1/2" of shim space below the bottom of the track, which allows for drain tube pathways and height adjustment during install.

If the overall buildup from the mounting surface to the top of finish floor is equal to or exceeds, 2-5/16" no depression will be required.



Additional Framing Considerations

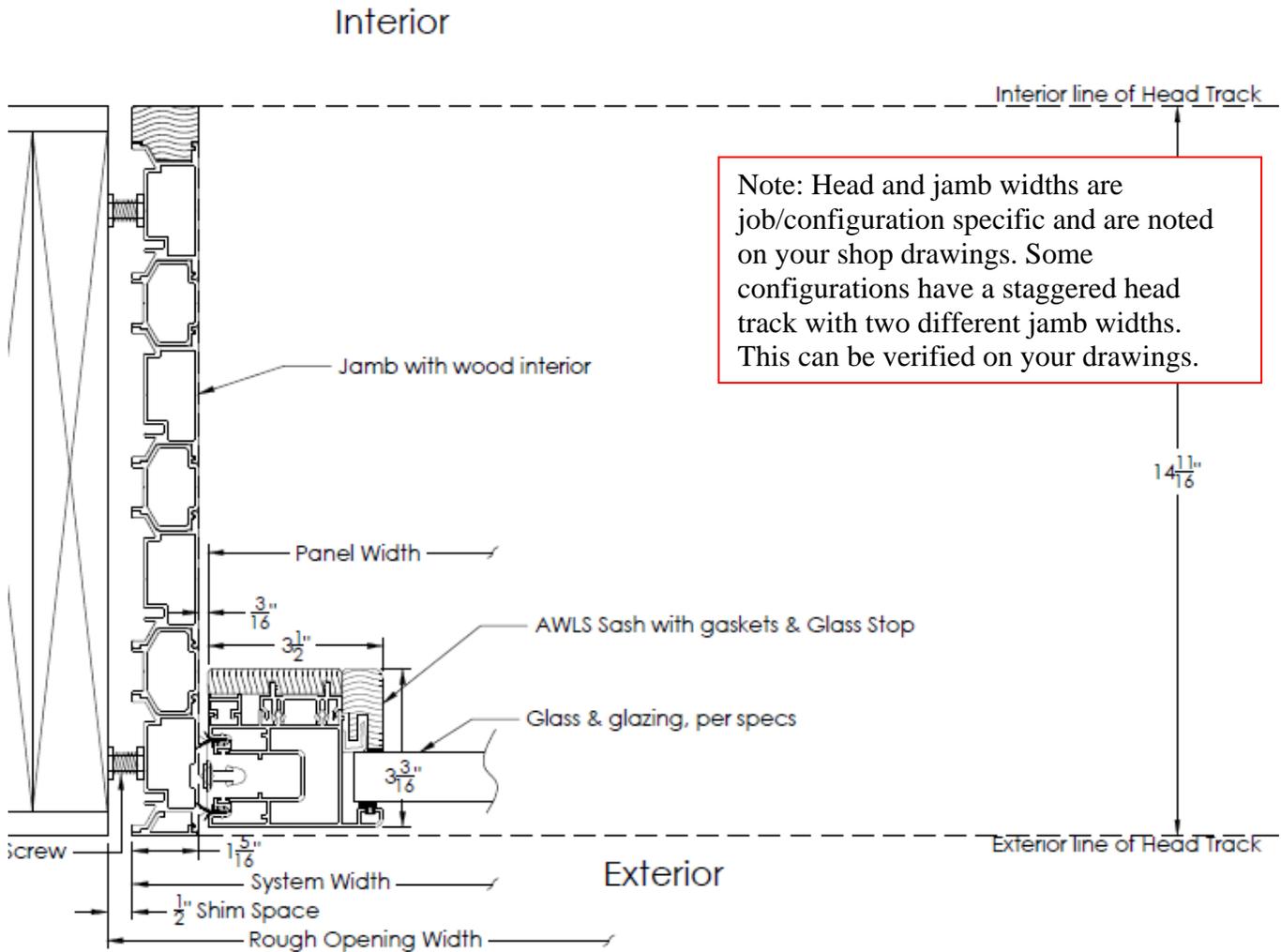
Header

Only minimal deflection may occur at the rough opening header. No deflection over the entire unsupported span can be greater than 1/8" once that the header beam is fully loaded. All applicable building loads must be fully loaded above the opening prior to the installation of the door system. Special care should be taken in the case of a transom window set above the opening header. The head track supplied with your Weiland Liftslide is just a guide and is not designed to support the header. Most of the service callbacks related to "hard to move panels" are a result of the header sagging and consequently restricting door operation.

For installation into a wood header or framing, use 3" or longer #10 stainless steel wood screws to achieve 1-1/2" minimum embedment.

Side Jamb

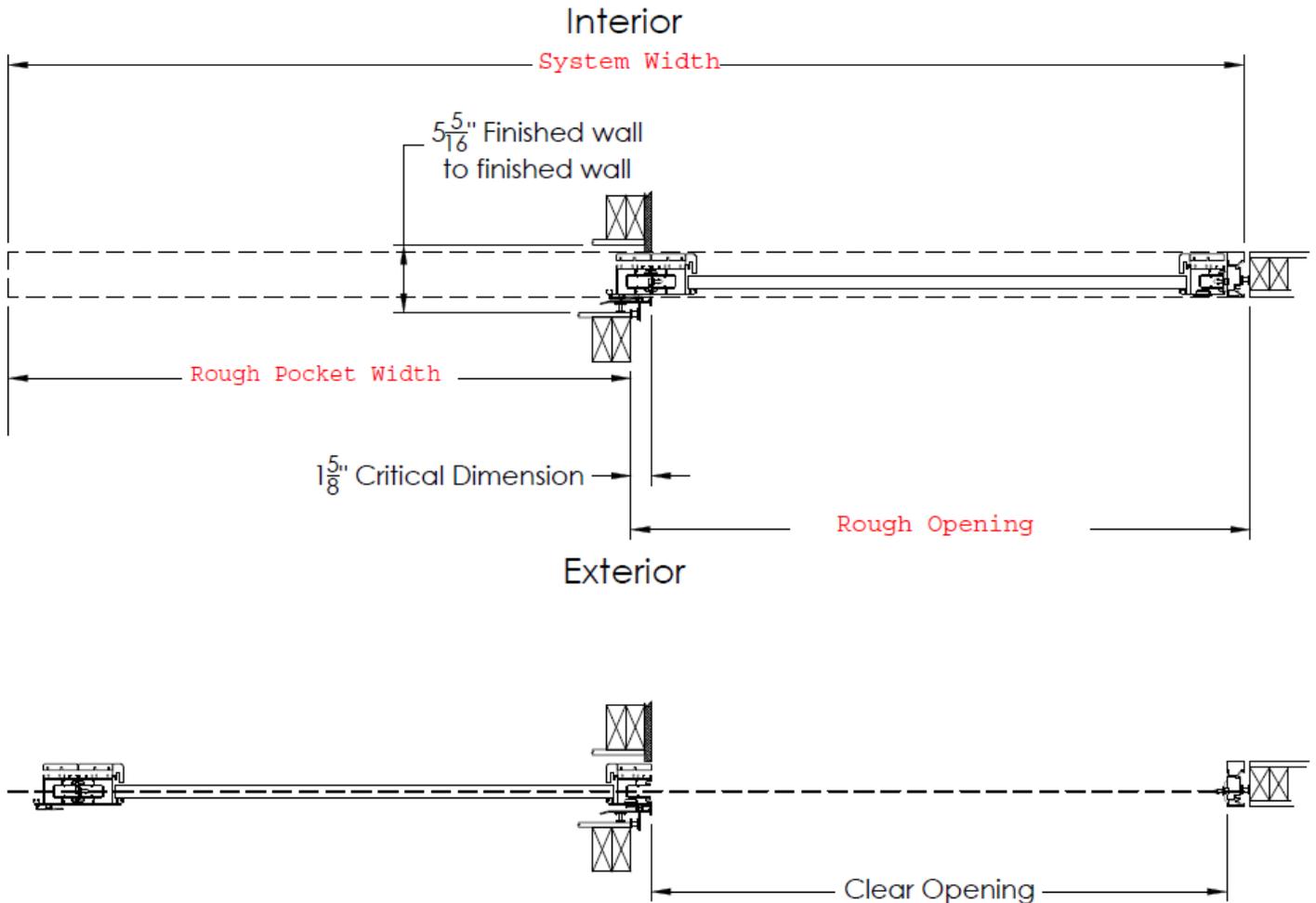
The side jamb rough framing should be as wide as the supplied jamb in order to create a secure mounting surface.



Pockets

The exterior wall should be sheathed, flashed, insulated, etc. in according to your weather exposure level and to your local building codes. The pocket interlock seals the doors to the building and is supplied with the unit. The pocket interlock requires a continuous plane of building material for mounting. Weiland recommends engineered lumber in the pocket interlock location to reduce the chance of bow or twisting of the pocket interlock.

If you have an iWX (interior wall unit) or eWX (exterior wall unit) please refer to your approved shop drawings for additional framing considerations.



The interior pocket walls should be framed and installed after the door system has been installed. A framed interior wall with black out material can be tilted in after door installation. Blackened green board or plywood is recommended. Doing so will make installation of the head, bottom track and pocket interlock much easier. Draft stops will need to be installed in truss and stud bay locations.

Finish floor is required inside the pocket.

If for some reason you are unable to leave the interior pocket wall unframed, leave the framing of the interior pockets unsheathed. This will allow the installation work within the pocket to be completed without having to squeeze into the pocket. Weiland pockets are narrow. For a 2-panel system the pocket is only 9" wide. Again, please refer to your approved shop drawings for more detail. The pocket width listed on the shop drawings is a minimum requirement. The mouth of the pocket is designed to be narrower than the pocket. This keeps the skirt panel brush from making continual contact in the pocket.