

**STANDARD TUBE SLIDES
5" Vertical Posts**

USER GROUP: 2-12

RECOMMENDED CREW: 2 people

TOOLS REQUIRED:

T-30 TORX Tool (supplied)

3/16" Allen Head Wrench

Level

Shovel / Post Hole Digger / Auger

High Speed 3/8" Electric Drill w/clutch

NOTE: Use of any other driver may result in damage to tool and/or hardware!

CONCRETE REQUIRED: 1.6 cubic feet per support

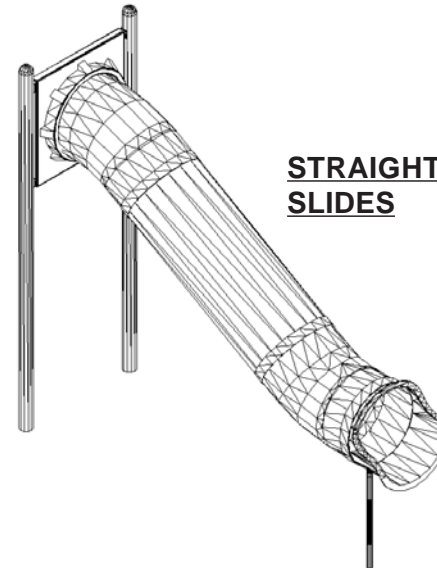
NOTE: Concrete must have a minimum rating of 2,500 psi and must be mixed per manufacturer's recommendations.

PRE-INSTALLATION CHECK:

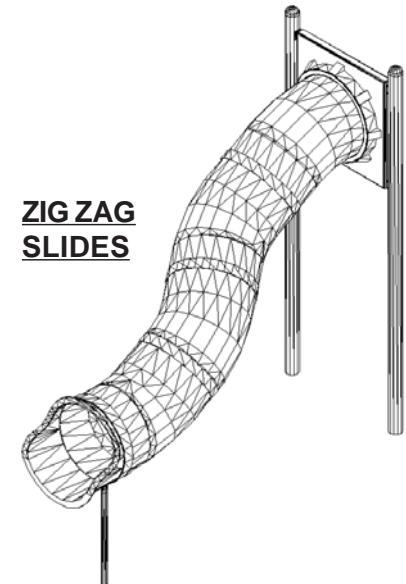
Compare all items received to the packing list. Notify your local representative immediately if any parts are missing or damaged.

We are not responsible for items discovered missing after 72 hours from time of delivery!

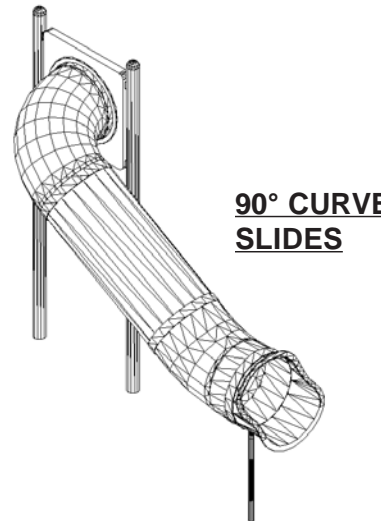
Before beginning installation, make sure that you have read and understand the **Installation Introduction** manual that was supplied to you. If you did not receive a copy, or if you have a question regarding anything covered in this manual, contact your local representative.



**STRAIGHT
SLIDES**



**ZIG ZAG
SLIDES**



**90° CURVE
SLIDES**

STEP 1

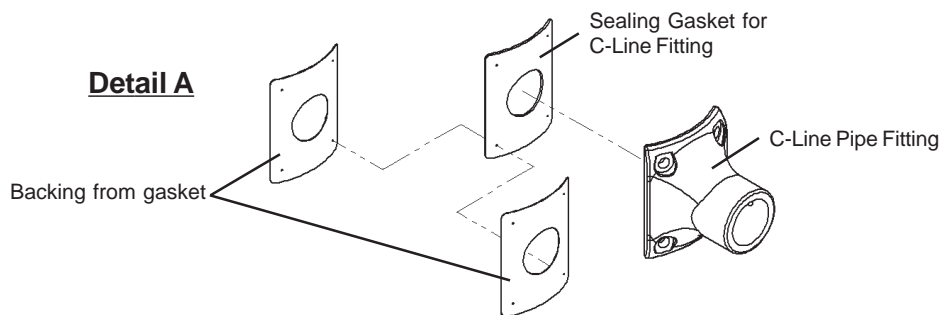
Refer to PLAN VIEW and FOOTING DIAGRAM to locate position of slide.

STEP 2

Excavate footing as shown in FOOTING DETAIL and FOOTING DRAWING. **NOTE:** Slides are designed for specific standard deck heights (bottom of slide will be "X" number of inches from top of deck (ex: 36" slide will have a distance of 36" between top of deck and bottom of slide). If a "non-standard" deck height is being used, the standard distance from bottom of slide to top of deck must still be maintained.

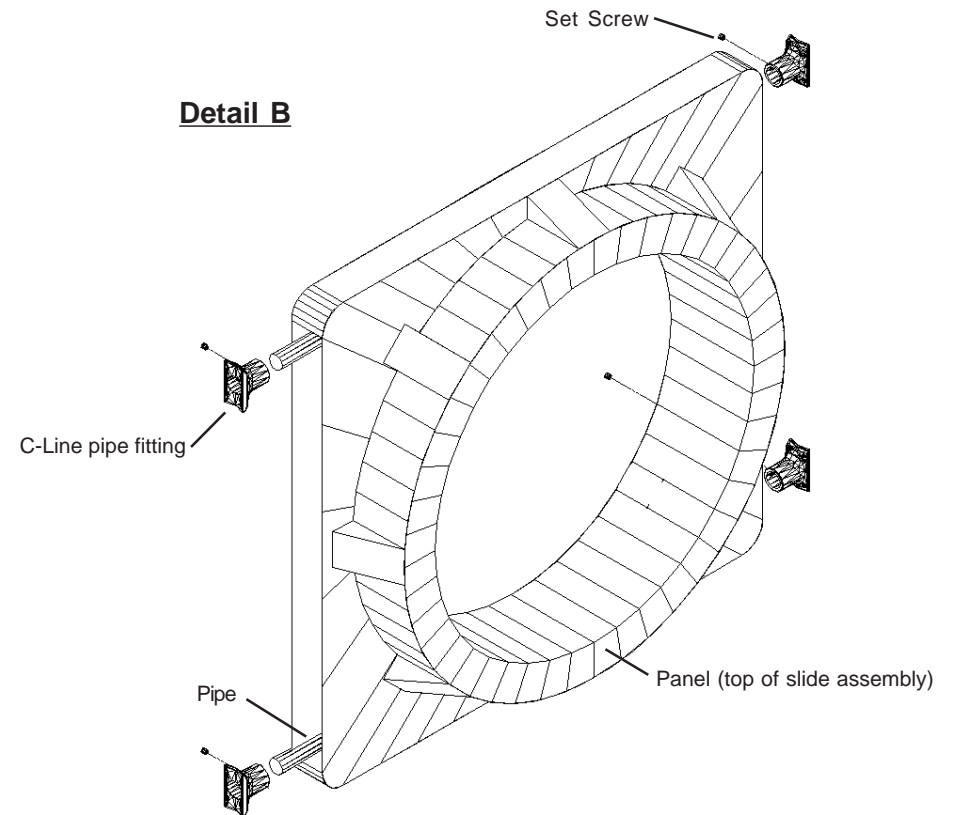
STEP 3

Select four C-Line pipe fittings and four sealing gaskets for C-Line fittings. Remove backing from one side of gasket and press on to back of fitting (see Detail A). **NOTE:** Gasket is covered with a strong adhesive - do not press on to fitting until gasket is centered. Repeat for other gaskets and fittings.



STEP 4

Select slide assembly, four C-Line fittings, two pipes for panel and four set screws. Slide pipes through pre-drilled holes in panel. Slide fittings over pipes. Install and gently tighten set screws (see Detail B).



STEP 5

Select saddle and slide assembly. Remove backing from other side of fittings and slide in toward panel as far as possible. Place saddle in footing hole. Set slide assembly in place with bottom of panel resting on top of deck and bottom of slide being supported by the saddle. Make sure slide assembly is level, plumb and at correct height.

STEP 6

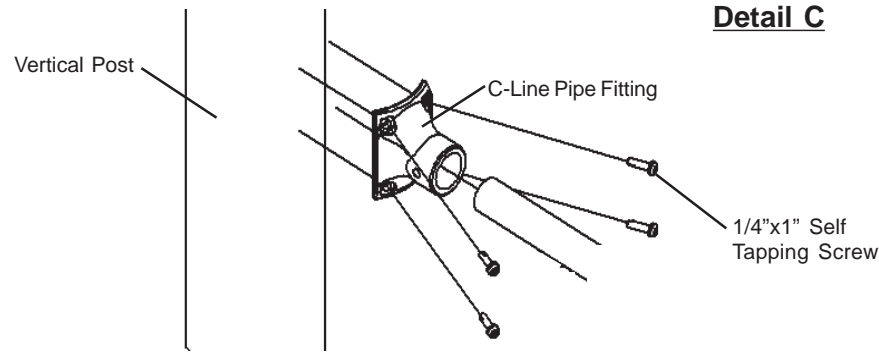
Slide C-Line fittings toward vertical post and press into place. **NOTE:** Gasket is covered with a strong adhesive - do not press fitting into place until slide is positioned correctly.

INSTALLATION GUIDELINES

STEP 7

Select sixteen 1/4"x1" self tapping TORX head screws. Secure each fitting to vertical post by installing four screws into each fitting. Lightly tighten until all four screws are installed. Then tighten all four self tapping screws. Repeat for other fittings (see Detail C).

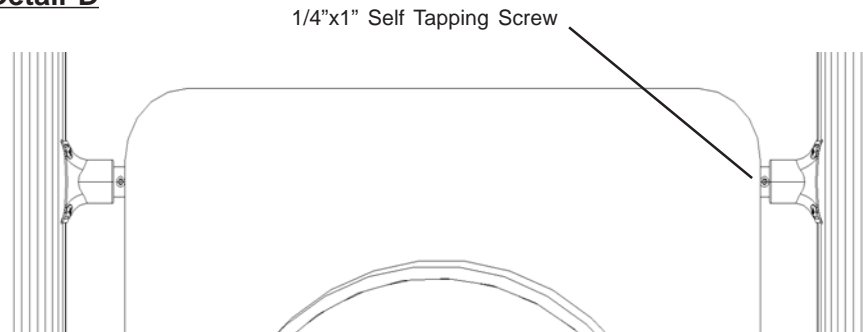
NOTE: Must use high speed 3/8" electric drill w/clutch. Use of any other driver may result in damage to tool and/or hardware.



STEP 8

Center panel in grid. Select two 1/4"x1" self tapping screws. From deck side of slide, install one self tapping screw flush against each side of panel to secure panel in grid (see Detail D). **NOTE:** Must use high speed 3/8" electric drill w/clutch. Use of any other driver may result in damage to tool and/or hardware.

Detail D



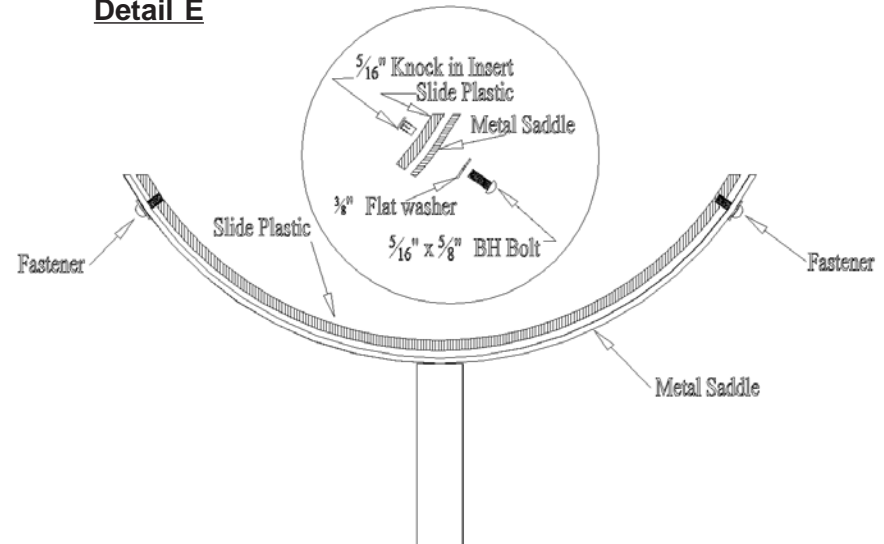
STEP 9

Position saddle under slide with saddle on the "bell" or "female" end of the plastic and saddle resting flush against the plastic. When saddle is positioned correctly, drill a 3/8" hole through each pre-drilled hole in saddle.

STEP 10

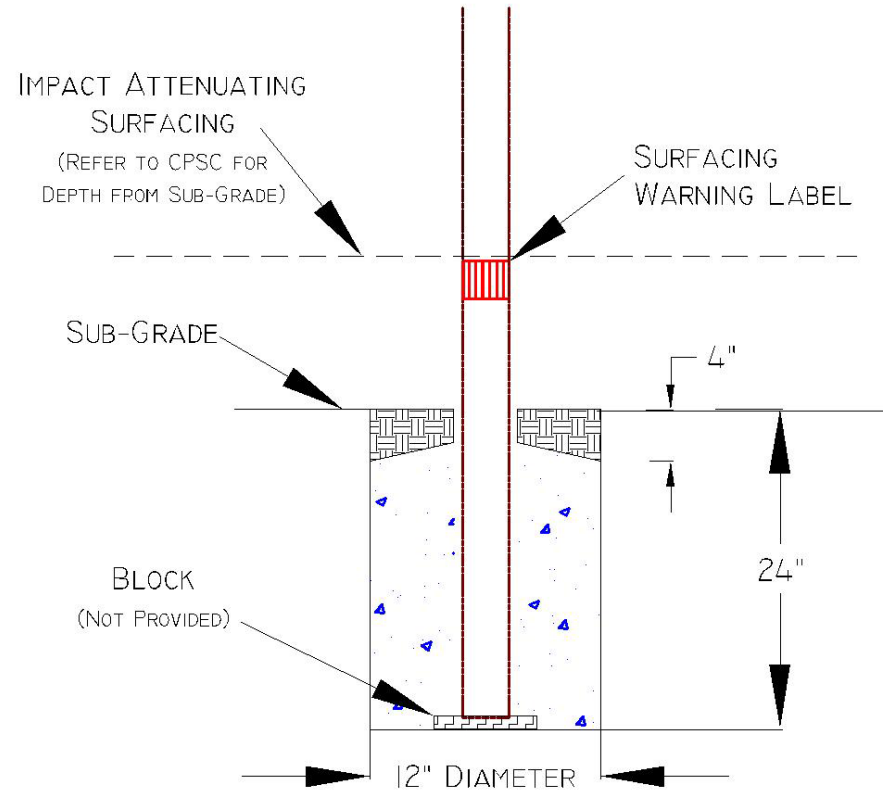
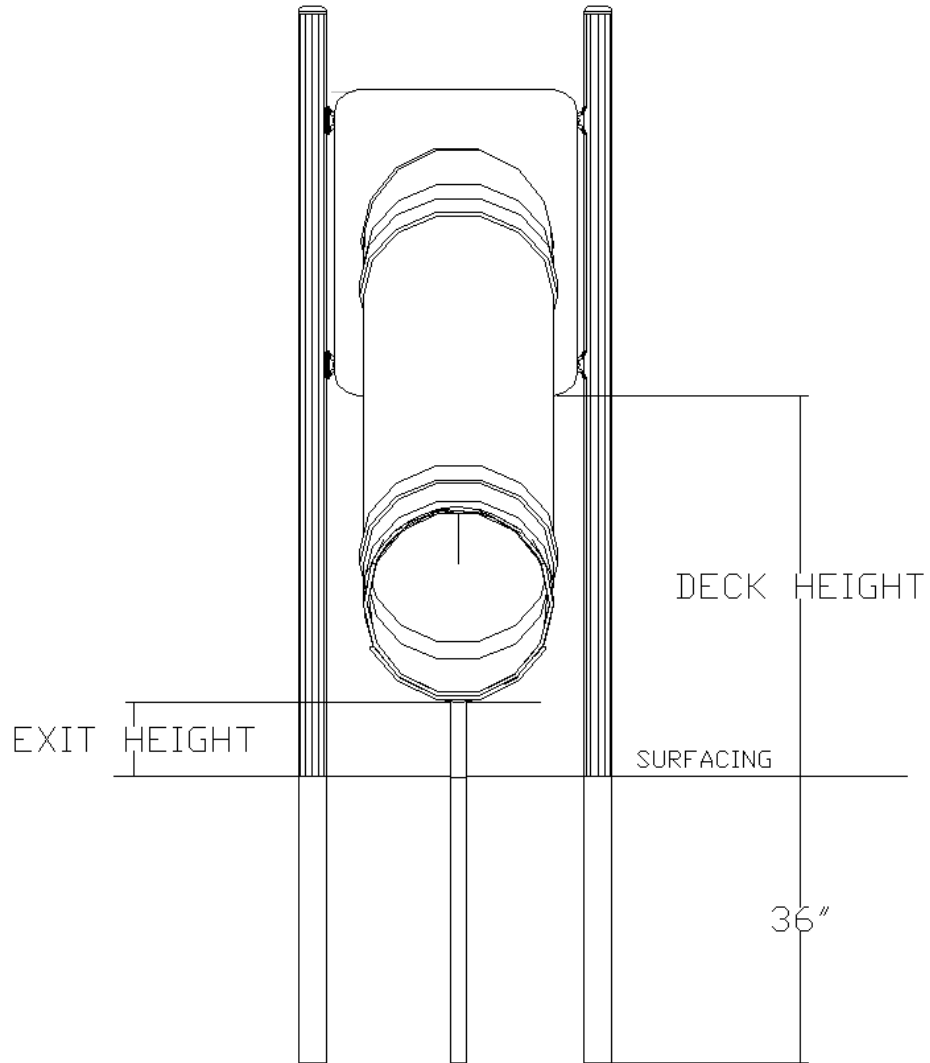
Select two 5/16" knock-in inserts, two 5/16" domed washers and two 5/16"x5/8" button head bolts. From inside slide, place knock-in inserts in hole and tap into place. From outside of slide, insert bolt through washer, saddle, slide and into insert (see Detail E). Gently tighten until both sets of hardware have been installed. Then tighten all.

Detail E



STEP 11

Pour concrete in footing to correct level. **NOTE:** Concrete must have a minimum rating of 2,500 psi and must be mixed per manufacturer's recommendations. **Allow concrete to harden for at least 48 hours before use.**



FOOTING ELEVATION

NOTE: If deck height is 48" or less, the exit height must be less than or equal to 11".

If deck height is greater than 48", the exit height must be 7" - 15".

PRODUCT SPECIFICATIONS**SLIDE / PANEL**

- 1st quality linear low density Polyethylene (ExxonMobil LL8450)
- Rotational molded
- 3/8" wall thickness
- 2,550 psi tensile strength (ASTM D638)
- UV stabilized
- Anti-static inhibitors

SADDLE

- 1.9" O.D. support post
- 13 gauge galvanized steel support post
- 50,000 psi yield strength (ASTM E-8)
- 55,000 psi tensile strength (ASTM E-8)
- 3/16"x3" HR Flat bar
- A36 Galvanized steel bar
- Powder coat finish

FITTINGS

- Aluminum alloy (GM70B) manufactured and tested in accordance with the following ASTM Standards: B179-68, B108-68, E10-66, E8-66
- Powder coat finish
- Predrilled

SEALING GASKET

- Neoprene rubber
- 60 +/- 5 durometer hardness
- Double sided adhesive

HARDWARE

- Tamper resistant
- Special tool required for install

PRETREATMENT WASH PRIMER

- 4860-420 primer / 1000-44 activator
- Polyvinyl-butyril resin based primer
- Used on all milled steel and all weld joints
- Designed to give adhesion to a wide variety of metal substrates
- Provides added metal protection against rust
- Imparts extra durability to topcoat (powder coat)
- When reduced properly, it meets the definition of a "pretreatment" primer found in many air quality regulations

POWDER COAT FINISH

- TGIC polyester
- Electrostatic application
- Baked-on @ 400 degrees
- 5-7 mills thick
- Lead free
- High gloss
- No peel / No flake finish
- Resistant to salt spray (ASTM B117)
- Resistant to humidity (ASTM D2247)
- Direct/Indirect impact 120 in. pounds (ASTM D2794)
- Good to excellent resistance to most solvents, oils, acids and alkalies