

## **Steel Titan Swing Set**

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### Required tools:

- Post Hole Digger
- Socket Set
- Level
- 8' Ladder

### Required materials

- (12) 60lb bags of concrete

### **STEP 1: Pre-Assemble Swing**

Assemble swing legs (14'L) and top rail (12'L) into swing end frames on the ground. Do not tighten the set screws yet.

### **STEP 2. Dig Footers**

Stand the assembled frame up and move into position. Mark footer hole locations and move frame aside. Dig footer holes according to footer diagram detail in Diagram 1. Note, you can use the footer location diagram alternatively – it is easier to just use the assembled swing set to mark the hole locations. **IMPORTANT:** If you are using less than 12" of safety surfacing, the footer holes will need to be deeper. The top rail height should be 10' plus the depth of the surfacing.

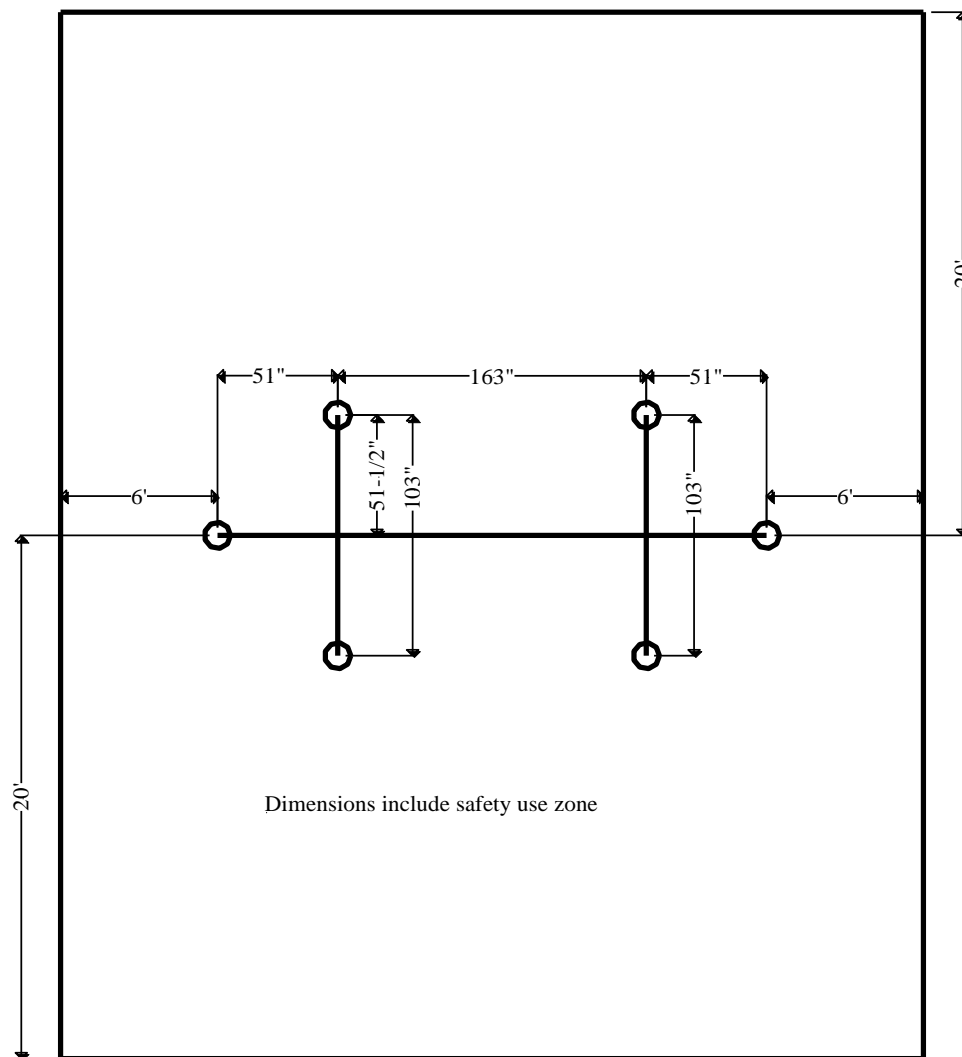
### **STEP 3. Concrete Legs into Ground**

Place small boards into bottom of footer holes. Place swing set into footer holes. Use level to make sure swing beam is level. Adjust holes until swing set is level and top rail is the correct height. Tighten all set screws. Use two bags of concrete per hole – follow instructions on bags for concrete procedure.

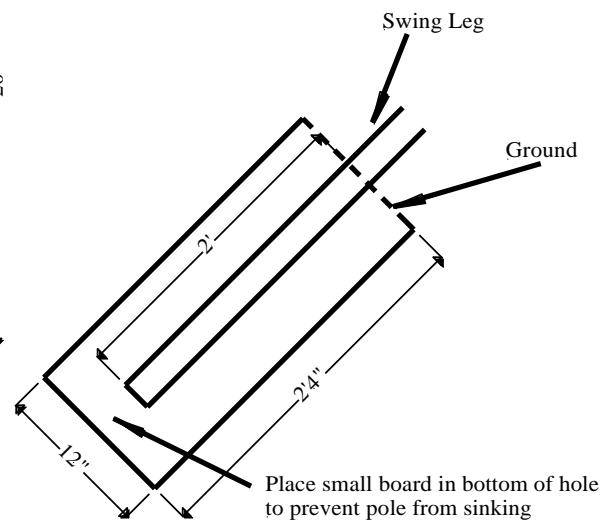
### **STEP 4. Finish**

Once concrete is cured (usually at least 24 hours), cover holes with dirt. Use at least (8)" of surfacing (wood mulch, bark, sand) on top of ground for protective safety cushion. Attach swing hangers to top rail using the spacing given in the Diagram 2. Attach swings to swing hangers using the clevis connectors. Check and tighten bolts monthly.

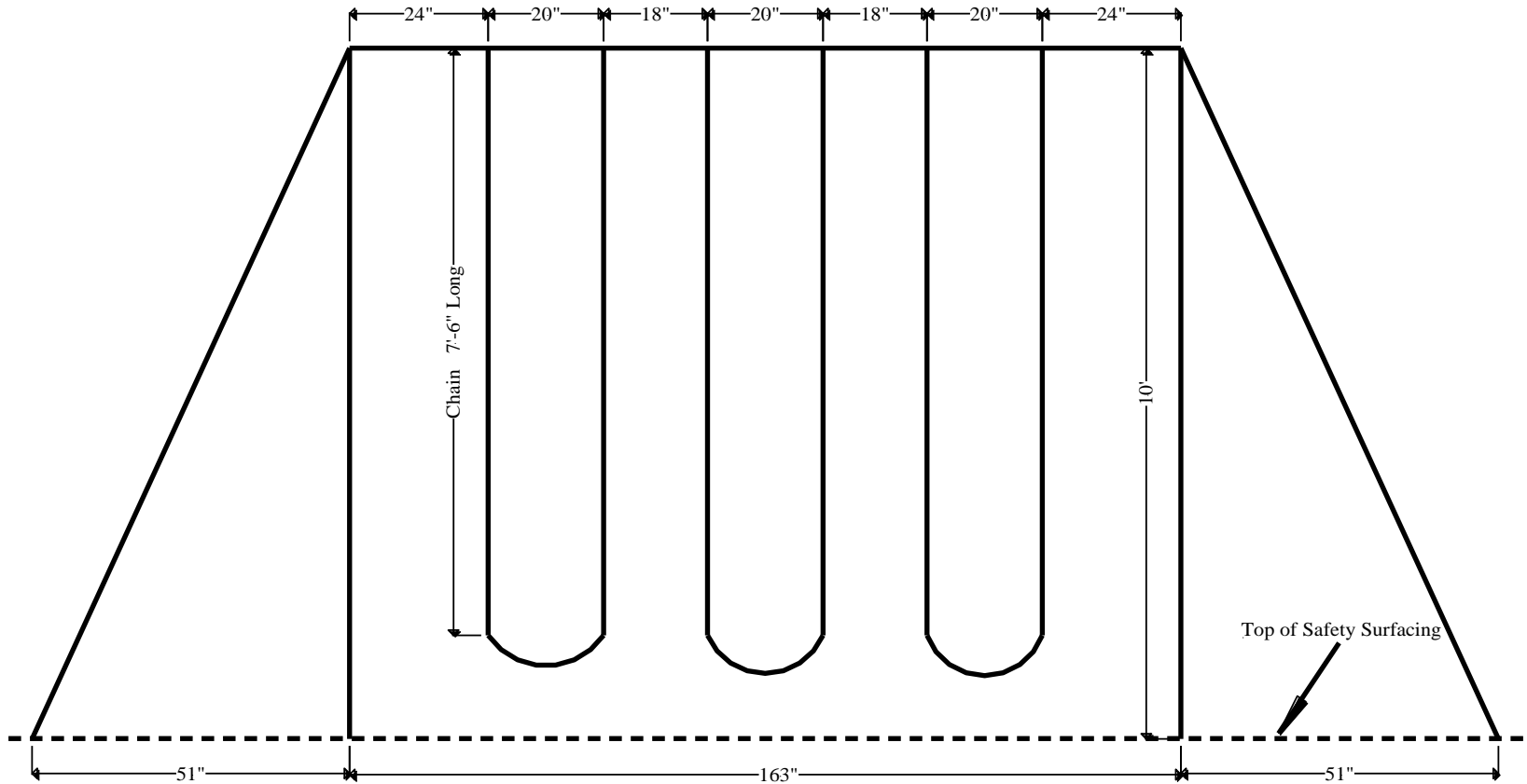
# B.Y.O. Swingset Steel Titan Footing Diagram - Diagram 1



Footer Detail  
Use (2) 60lb bags of concrete per hole



**B.Y.O. Swingset - Steel Titan Swing Set - Diagram 2**



2-3/8" OD x 12' Pipe	1
2-3/8" OD x 14' Pipe	4
2-3/8" OD x 14' Pipe (bent)	2
End Frame	2
2-3/8" Swing Hanger	6
Swings w/ 7'-6" chain	3
Clevis Connectors	6
Socket Set Screw	16
Socket Key	1

Weight Limit: 250lbs per swing

