# SHEETING WALL CLAMP SYSTEM

SwitchRail®
Modular Safety Rail System

## SAFEGUARD YOUR CONSTRUCTION SITE EXCAVATIONS WITH SWITHCRAIL TO PREVENT FALLS AND INJURIES

**Excavation fall safety is critical to protecting workers from falling into trenches and preventing materials or equipment from falling onto those inside. According to OSHA guidelines, fall protection is mandatory when excavation depths reach 6 feet or more. Ensuring compliance with these regulations not only safeguards your workforce but also helps avoid costly fines and delays.**

### Key fall protection requirements include:

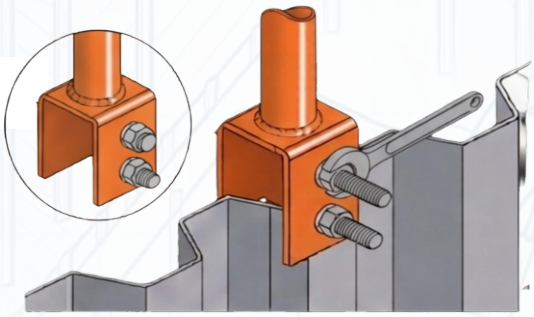
**Guardrails:**
Must be installed around the perimeter of excavations deeper than 6 feet to prevent accidental falls.

**Barricades and Warning Systems:**
Visible barriers, should be used to alert workers and mobile equipment operators about excavation edges.-

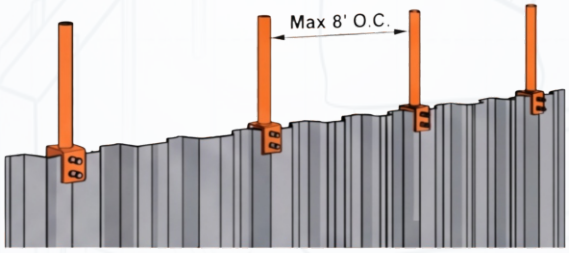
**Walkways:**
Any walkways situated 6 feet or more above a lower level must have standard guardrails installed.

## INSTALLATION SEQUENCE

1. Place the Clamp Post over the sheeting wall and firmly tighten the bolts to align the clamp post to a vertical position.
Engage the two (2) locking nuts on the inside of the Clamp Post device.



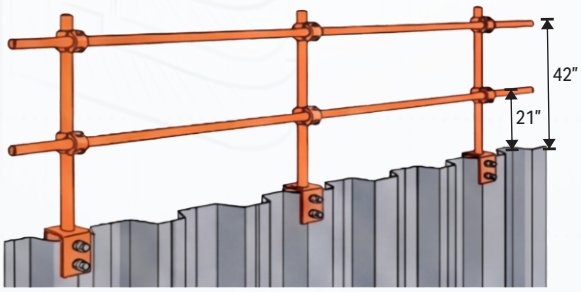
2. IMPORTANT: Post spacing should not exceed 8′ on Center!




3. Install the horizontal handrail and knee rail at the desired heights with standard Switch Rail tubing and clamps.

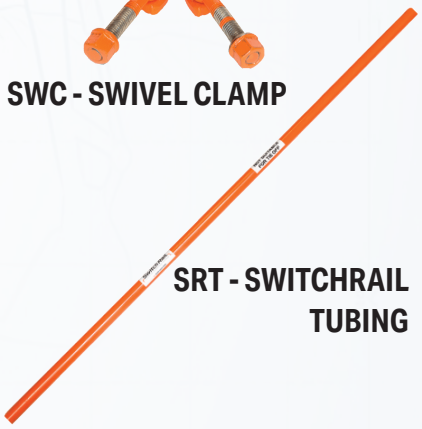
Tube Slip rating:2,200 lbs when tightened to 45-60 lbf-ft.

Hand rail should be 42″ and the knee rail should be 21″ above the walking surface. Both dimensions allow for + or - 3″ as per OSHA Standard.



**SWP – SHEETING WALL POST**

**SWC - SWIVEL CLAMP**



**SRT - SWITCHRAIL TUBING**

The system is designed to meet the OSHA requirement for 200 pound specified load. The pipe-to-sheet-pile overturning requirement is verified by load test and design calculations. The suitability of the total system must be evaluated in each application at the site by a designated competent person. The system is not designed for personal tie-off or fall arrest.



MADE IN USA