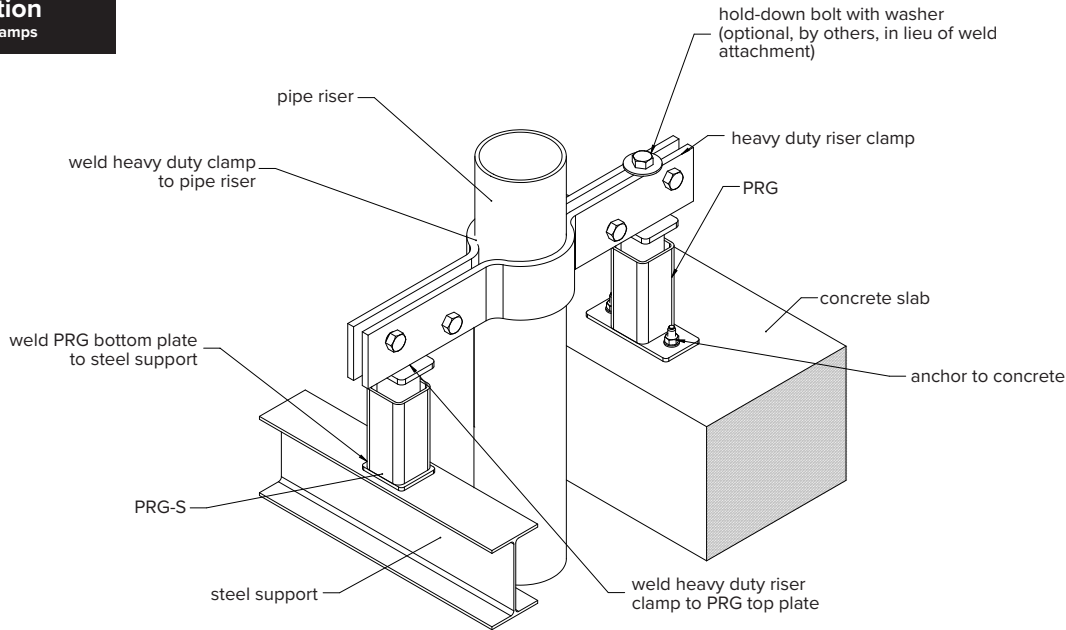
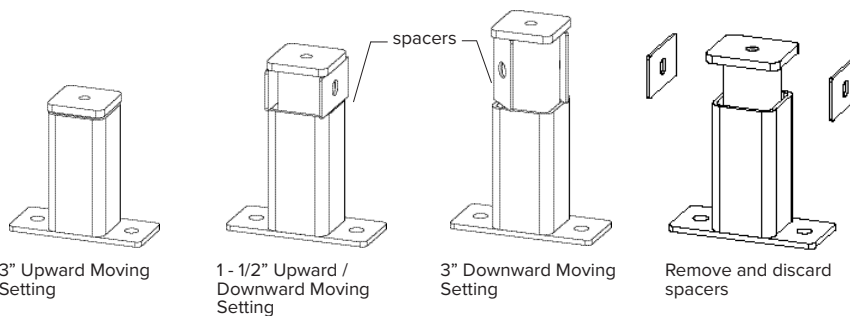
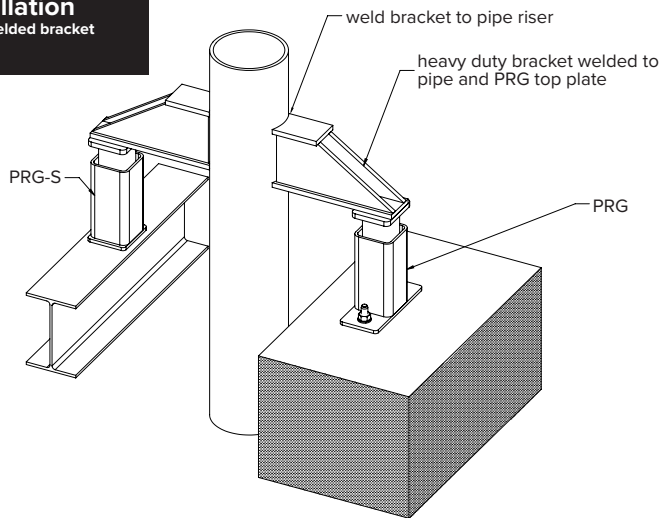


PRG Installation options using riser clamps



PRG Installation options using welded bracket supports



INSTRUCTIONS

1. Provide independent temporary supports as appropriate for the pipe riser that do not interfere with the installation of the PRG guides.
2. Locate each PRG guide as indicated in the accompanying submittal.
3. Cut loose the spacers that are secured to the PRG guide and secure the PRG guide to structure as required.
4. Raise the telescoping portion of the PRG guide to the initial height indicated in the submittal and use the accompanying spacers as appropriate. **See Figure 1.**
5. Install riser pipe clamps or support brackets as appropriate. Secure or weld to both the pipe riser and the PRG top plate. Remove the spacers once the clamp or bracket is secured to the top plate but leave the temporary supports in place.
6. When welding to the PRG or welding the PRG to structure, do not weld lengths more than 3" at a time to minimize heat buildup in the PRG and allow adequate time for cooling in order to protect internal rubber elements.
7. If bolting in lieu of welding the pipe clamp to the PRG top plate, ensure all riser clamp bolts are installed and temporarily clamp the top plate to prevent movement during tightening to ensure minimum torque values are met.
8. Install and adjust other riser supports (e.g., spring isolators) as appropriate before filling the riser and bringing it to its operating temperature.
9. Remove the temporary pipe riser supports prior to bringing the riser to its operating temperature. Inspect PRG guides to ensure each is able to move freely through its expected range of motion indicated in the accompanying submittal.