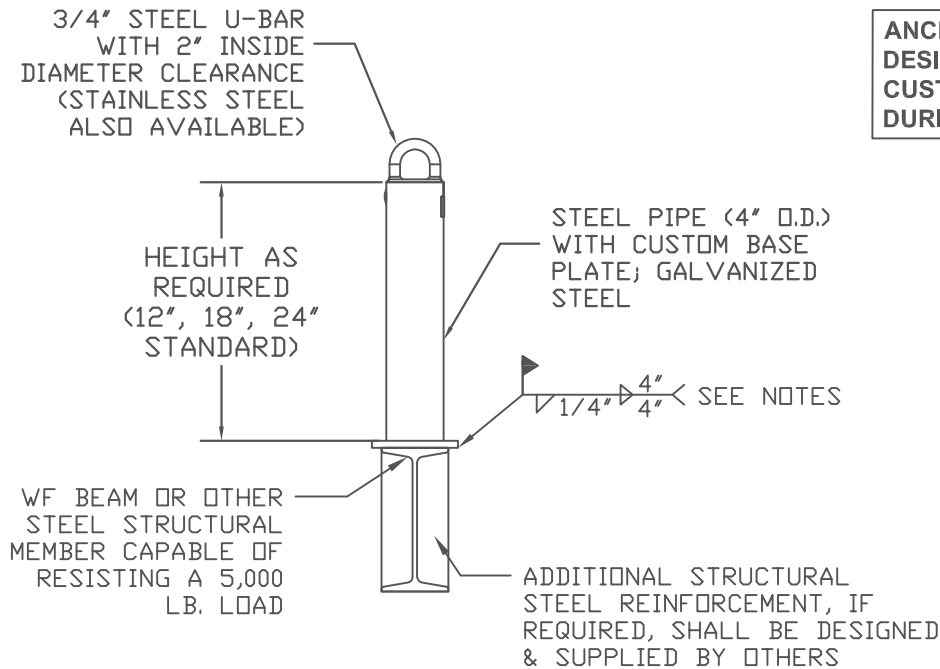


## S-SERIES WELD-ON ANCHOR WITH BASE PLATE



**ANCHOR AND BASE PLATE DESIGN & DIMENSIONS CUSTOM; TO BE DETERMINED DURING DESIGN PHASE**

### SAMPLE INSTALLATION DETAIL ONLY - SEE NOTES

#### GENERAL NOTES:

1. ANCHORS MAY BE USED FOR FALL PROTECTION AS WELL AS SUSPENDED MAINTENANCE OPERATIONS.
2. APPLICABLE STANDARDS MET INCLUDE OSHA 1926.502, ANSI Z359.1, AND IWCA I-14.1.
3. ANCHOR HEIGHT SHALL BE SELECTED TO PROVIDE ADEQUATE CLEARANCE FOR WATERPROOFING.
4. WATERPROOFING AND ASSOCIATED ROOFING WORK TO BE PERFORMED BY OTHERS.

#### STRUCTURAL NOTES:

1. ANCHORS SHALL BE DESIGNED TO MEET OSHA, ANSI, AND IWCA REGULATORY REQUIREMENTS.
2. ANCHOR ULTIMATE LOAD = 5,000 LBS
3. ANCHOR ACCEPTABLE PROOF LOAD = 2,500 LBS
4. ANCHOR WORKING LOAD = 1,250 LBS
5. ANCHORS SHALL BE CAPABLE OF RESISTING LOADS APPLIED IN ANY DIRECTION.
6. THE ABILITY OF THE STRUCTURAL STEEL TO SUPPORT THE LOADS TRANSFERRED FROM THE ANCHOR ATTACHMENT SURFACE SHALL BE VERIFIED BY OTHERS UNLESS NOTED OTHERWISE.

#### INSTALLATION NOTES:

1. ANCHOR TO BE WELDED TO A STEEL STRUCTURE CAPABLE OF RESISTING A 5,000 LB. ULTIMATE LOAD.
2. ANCHOR TO BE WELDED TO A STEEL STRUCTURE CAPABLE OF RECEIVING THE WELD SIZE INDICATED.
3. DIMENSIONS OF STEEL STRUCTURE MUST BE SUCH THAT A MINIMUM OF 4" WELD LENGTH MAY BE ACHIEVED ON ALL FOUR SIDES OF BASE PLATE.
4. WELDING MAY BE ACHIEVED FROM TOP OR UNDERSIDE OF BASE PLATE AS REQUIRED.
5. ALL WELDING SHALL BE PERFORMED BY AN AWS D1.1 CERTIFIED WELDER USING E-70XX ROD OR WIRE FEED.
6. PREP GALVANIZED AREAS PER AWS D19.0 PRIOR TO WELDING.
7. TOUCH-UP GALVANIZED AREA AFTER WELDING PER ASTM A780.

**CONTACT A GUARDIAN ENGINEERED SERVICES GROUP REPRESENTATIVE FOR ADDITIONAL INFORMATION.**