

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
-	2	ISSUED FOR USE (10 YEAR UPDATE)	11/15/2023	APG

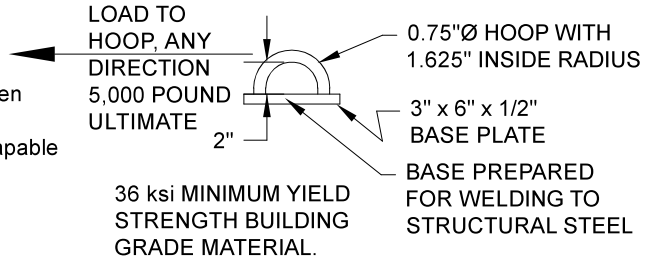
GENERAL NOTES

The installation contractor is solely responsible for site safety. Site visits by Engineered Supply do not include review of the contractor's safety precautions. Installation drawings documenting the base materials and welds shall be provided by others and shall be reviewed by an experienced licensed engineer for all tieback and rope descent systems, or by a competent qualified person for all fall protection systems.

THIS ANCHORAGE CONNECTOR SHOP TESTS ELASTICALLY AT 5,000 POUNDS FORCE APPLIED AT THE TOP OF HOOP, PERPENDICULAR TO HOOP.

BASE MATERIALS

Base material shall be mild structural steel, or equal with written approval from Engineered Supply. Base material shall be weldable with E70xx electrodes and capable of supporting the loads shown in accordance with the current applicable codes for the project location.



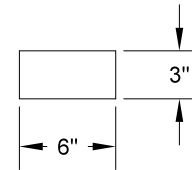
ANCHOR WELDING

Anchor welds shall consist of 3/16", 1/4" or 5/16" leg length field placed fillet welds. Anchor throat thickness varies based on pipe height, and shall be determined by the base material for the specific installation. Anchor welds shall be made with E70xx material, or equal weld filler material. All welds shall be in strict accordance to AWS requirements, including welds completed by a certified welder and qualified process with inspection under a Certified Welding Inspector (CWI). Field welds shall be prepared and field touch up painted with zinc rich paint by others.

WELDED PLATE ANCHOR ASSEMBLY

INSPECTION AND TRAINING

All fall protection and suspended maintenance equipment shall be selected or designed by others. Usage shall comply with the current version of the ANSI IWCA I14.1. Systems users to inspect all equipment prior to each use, including all visible attachment points, locks, and pins to ensure all equipment is in safe working order. All users shall be trained on proper use of the equipment, as well as knowing and complying with OSHA, ANSI and other pertinent life safety regulations. Equipment for rope descent and tie back use shall be initially load tested under the direction of a licensed engineer and annually inspected by a competent qualified person. Equipment shall be re-certified within 5 years.




BASE PLATE VIEW

BUILDING ENVELOPE

Installation and materials surrounding the anchor shall be designed by others in compliance with the applicable manufacturer's instructions and shall maintain the existing building warrantee as applicable. Flexible boots shall be provided at all roofing penetrations in accordance with the roofing manufacturer's instruction.

WELDED PLATE ANCHOR
MODEL _____

ORDERING INFORMATION

 <p>ENGINEERED SUPPLY</p>	<p>STRONGTOP® Permanent Suspended Maintenance</p>		
	<p>ES P/N 902004-001</p>		
<p>DATA SHEET, WELDED PLATE ANCHOR, 5000 LB</p>			
<p>201 2ND AVE SOUTH BAYPORT, MINNESOTA 55003</p>		<p>651-439-0932 ENGINEEREDSUPPLY.COM</p>	
<p>SIZE 8.5x11</p>	<p>-</p>	<p>DWG NO. 902004-001</p>	
<p>THIS DRAWING AND THE DESIGN SHOWN IS THE SOLE PROPERTY OF ENGINEERED SUPPLY.</p>		<p>SCALE 1" = 1'-0"</p>	<p>SHEET 1 of 1</p>