

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
-	1	ISSUED FOR USE	10/05/14	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.

BASE MATERIALS

Base material shall be structural building steel with a yield strength between 36 ksi and 50 ksi or equal with written approval from Engineered Supply.

Base materials shall be reviewed by an experienced licensed engineer for imposed loading.

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 shall be initially load tested, annually inspected by a qualified person, and also re-certified within 10 years under direct supervision of an experienced licensed engineer.

ANCHOR BOLTS

Anchor bolts shall have a washer with additional locking washer, deformed thread nuts, or permanent thread locking chemical to prevent loosening.

Anchor fasteners shall be torqued with a calibrated wrench in accordance with the notes.

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.

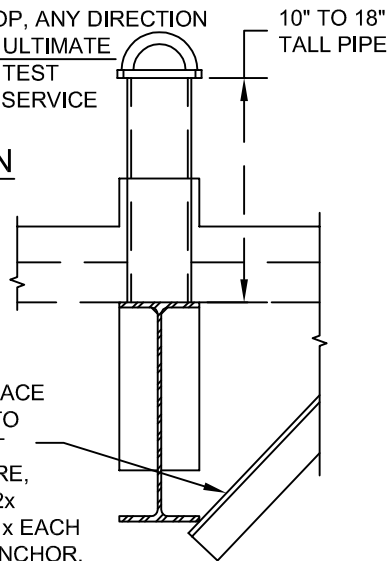
Flexible boots shall be provided at all roofing penetrations in accordance with the roofing manufacturer's instruction.

Touch up blemishes in hot dip finish with zinc rich paint, supply by installer.

FASTENERS, STIFFENER PLATES, AND ROOFING BY INSTALLER, UNLESS NOTED OTHERWISE, TYPICAL.

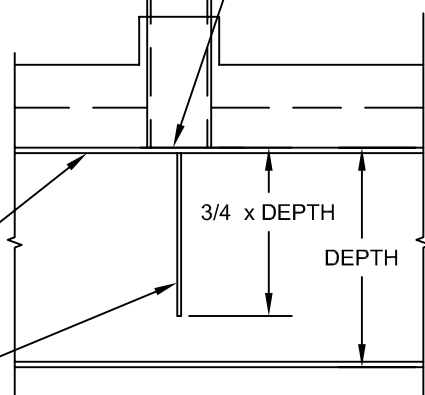
LOAD TO HOOP, ANY DIRECTION
5,000 POUND ULTIMATE
2,500 POUND TEST
1,250 POUND SERVICE

SECTION VIEW 1



ANGLE BRACE WELDED TO ADJACENT STRUCTURE, PROVIDE 2x BRACES, 1x EACH SIDE OF ANCHOR, IF LOCATED FARTHER THAN 12" FROM ANCHOR

ENGINEERED SUPPLY STRONGTOP WELDED PIPE ANCHOR
5/16" TYP E60XX ELECTRODE



STEEL WIDE FLANGE BEAM WITH MINIMUM 4" FLANGE WIDTH

5/16" THICK A36 STEEL 3/4 DEPTH WELDED STIFFENER PLATES

SECTION VIEW 2



ENGINEERED SUPPLY

1286 OLDRIDGE AVE N
STILLWATER, MN 55082
612.508.7287

STRONGTOP™

Permanent Suspended Maintenance

ES P/N 901004-501

GENERAL INSTALLATION DETAIL,
STEEL WIDE FLANGE BEAM
ATTACHMENT, WELDED PIPE ANCHOR

SIZE 8.5x11	FSCM NO. -	DWG NO. 901004-501
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THIS DRAWING AND THE DESIGN SHOWN IS THE SOLE PROPERTY OF ENGINEERED SUPPLY.

SCALE 1" = 1'-0"

SHEET 1 of 1