



NOTES:

\*ICC-ES EVALUATION REPORT ESR-3032 ACCREDITED PRODUCT\*

MATERIAL:

HELIX - STEEL, 55 KSI YIELD

COUPLER - STEEL, 40 KSI YIELD

PIPE - SHAFT STEEL, 50 KSI YIELD

WELDING REQUIREMENTS:

ALL WELDING TO BE PERFORMED BY WELDERS CERTIFIED UNDER SECTION 5 OF AWS D1.1

FINISH:

HOT DIP GALVANIZED PER ASTM A123

HOT DIP GALVANIZED PER ASTM A153 (HDW)

DIMENSIONS: INCHES

HARDWARE:

HEX HEAD BOLT, 7/8" PER ASTM A325 (2 EA)

HEX JAM NUT, 7/8" PER ASTM A563 (2 EA)

MECHANICAL RATING:

ULTIMATE INSTALLATION TORQUE - 15,000 FT-LBS

ULTIMATE COMPRESSION RATING - 105,000 LBS

ULTIMATE TENSILE RATING - 103,000 LBS

Kt FACTOR - 7

\*FOR RECOGNITION OF HIGHER LOAD VALUES THAN THOSE LISTED ABOVE, BUT NOT EXCEEDING MACLEAN'S RECOMMENDED CAPACITIES LISTED IN THE MACLEAN CIVIL PRODUCTS ENGINEERING MANUAL, A SITE-SPECIFIC LOAD TEST IS RECOMMENDED TO BE PERFORMED UNDER SUPERVISION OF A REGISTERING DESIGN PROFESSIONAL.

This drawing contains confidential information that is the property of MacLean Power, L.L.C. ("MacLean"). Use of MacLean's confidential information without MacLean's express written consent is strictly prohibited and may expose you to legal liability. If you believe that you received this material in error, please destroy it or return it to MacLean Power, L.L.C., Kingsley Park Five, 481 Munn Rd. Suite 300, Fort Mill, SC 29715, USA.



WWW.MACLEANPOWER.COM

CATALOG NUMBER: P35HE84T142S29		
SHEET NAME: Sheet1	1 OF 1	
DRAWING DESCRIPTION: EXTENSION BAR P35H, MULTI-HELIX 3-1/2" X 84"		
DRAWN BY: DH	DATE: 03/09/20	APPROVED: DR