



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, 3/4" PER ASTM A325 (2 EA)
 HEX JAM NUT, 3/4" PER ASTM A563 (2 EA)

MECHANICAL RATING:

ULTIMATE INSTALLATION TORQUE - 7,500 FT-LBS
 ULTIMATE COMPRESSION RATING - 54,500 LBS
 ULTIMATE TENSILE RATING - 40,000 LBS
 Kt FACTOR - 9

*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.

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CATALOG NUMBER: P28E84S14S29		
SHEET NAME: Sheet1	1 OF 1	
DRAWING DESCRIPTION: EXTENSION BAR P28, W/ HELIX 2-7/8" X 84"		
DRAWN BY: DH	DATE: 04/15/20	APPROVED: DR