



NOTES:

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

MATERIAL:

HELIX - STEEL, 55 KSI YIELD

RCS - SHAFT STEEL, 90 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

DIMENSIONS: INCHES

MECHANICAL RATING:

ULTIMATE INSTALLATION TORQUE - 10,400 FT-LBS

ULTIMATE COMPRESSION RATING - 100,250 LBS

ULTIMATE TENSILE RATING - 100,540 LBS

K<sub>t</sub> FACTOR - 10

\*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:			D1060S810
SHEET NAME:		Sheet1	1 OF 1
DRAWING DESCRIPTION:			RCS LEAD D10, MULTI-HELIX 1-3/4" X 60"
DRAWN BY:	DH	DATE:	03/04/20
APPROVED:		DR	