



NOTES:

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:

TORQUE - 15,000 FT-LBS

Kt FACTOR - 10

ULTIMATE MECHANICAL SHAFT CAPACITY FOR AXIAL LOADING - 150 KIPS

METAL MUST BE MELTED AND ALL PROCESSING PERFORMED IN THE USA. MUST INCLUDE CERTIFICATE THAT THE PART MEETS FHWA "BUY AMERICA" REQUIREMENTS.

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CATALOG NUMBER: D1584T81012-US		
SHEET NAME: Sheet1	1 OF 1	
DRAWING DESCRIPTION: RCS LEAD D15, MULTI-HELIX 2" X 84"		
DRAWN BY: DH	DATE: 10/07/20	APPROVED: DR