



NOTES:

MATERIAL:

RCS - SHAFT STEEL, 90 KSI YIELD  
 HELIX - STEEL, 55 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 $\phi$  PER ASTM A325 (1 EA)  
 HEX JAM NUT, 7/8  $\phi$  PER ASTM A563 (1 EA)

MECHANICAL RATING:

TORQUE - 10,000 FT-LBS  
 K<sub>t</sub> FACTOR - 10  
 ULTIMATE MECHANICAL CAPACITY FOR AXIAL  
 LOADING - 100 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: D2801-0011-US		
SHEET NAME: Sheet1	1 OF 1	
DRAWING DESCRIPTION: RCS LEAD D10, W/ HELIX, BUY AMERICA 1-3/4" X 60"		
DRAWN BY: DH	DATE: 08/10/20	APPROVED: DR