



NOTES:

MATERIAL:

RCS SHAFT; STEEL, 90 KSI YIELD  
 HELIX; STEEL, 55 KSI YIELD

FINISH:

HOT DIP GALVANIZED PER ASTM A123  
 HOT DIP GALVANIZED PER ASTM A153 (HDW)

DIMENSIONS: INCHES

HARDWARE:

HEX HEAD BOLT, 3/4 $\phi$  PER ASTM A325 (1 EA)  
 HEX JAM NUT, 3/4 $\phi$  PER ASTM A563 (1 EA)

MECHANICAL RATING:

TORQUE - 7,000 FT/LBS  
 Kt FACTOR - 10  
 ULTIMATE MECHANICAL SHAFT CAPACITY FOR AXIAL  
 LOADING - 70 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: D6616UC7-US		
SHEET NAME: Sheet1	1 OF 1	
DRAWING DESCRIPTION: EXTENSION BAR D7, W/HELIX, BUY AMERICA 1-1/2" X 42"		
DRAWN BY: DH	DATE: 08/10/20	APPROVED: DR