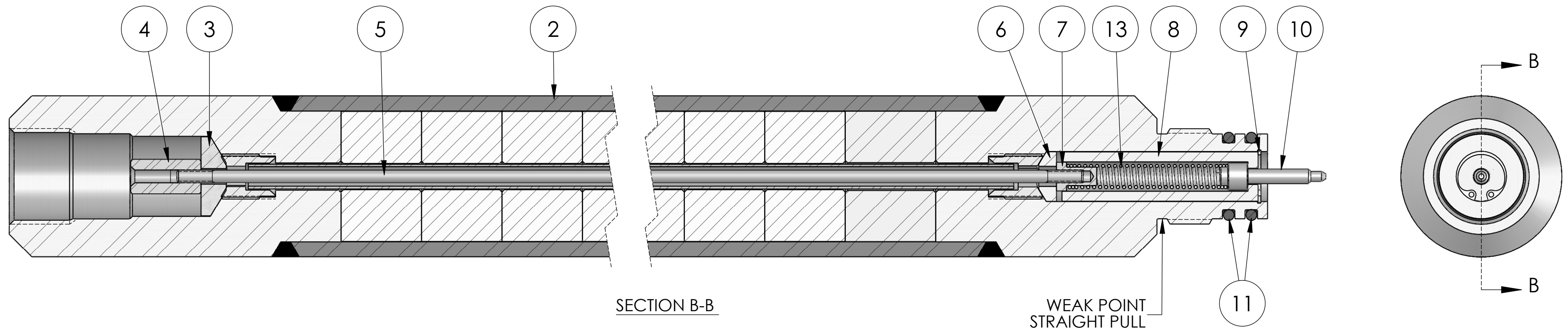


REVISIONS					
REV.	DESCRIPTION	BY	DATE	ECO #	APPROVED
00	DRAWN INTO SOLIDWORKS	DL	6/22/2010		



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	3925-016-003 3925-016-005 3925-016-007	SINKER BAR ASSY; 2" X 3 FT. SINKER BAR ASSY; 2" X 5 FT. SINKER BAR ASSY; 2" X 7 FT.	ITEMS 2 thru 12
2	3925-116-003 3925-116-005 3925-116-007	SINKER BAR BODY; 2" X 3 FT. SINKER BAR BODY; 2" X 5 FT. SINKER BAR BODY; 2" X 7 FT.	1
3	0255-000-003	INSULATING WASHER	1
4	3924-000-003	CONTACT SOCKET	1
5	3924-003-003 3924-003-005 3924-003-007	CONTACT ROD - 3 FT. CONTACT ROD - 5 FT. CONTACT ROD - 7 FT.	1
6	3903-000-007	INSULATING WASHER	1
7	3924-000-006	CONTACT NUT	1
8	3903-000-011	PLUNGER INSULATOR	1
9	3903-000-012	SNAP RING	1
10	3903-000-010	CONTACT PLUNGER	1
11	0111-211-V95	O-RING	2
12	3924-002-000 3924-002-003 3924-002-005 3924-002-007	CONACT KIT - LESS ROD CONACT KIT - 3 FT. CONACT KIT - 5 FT. CONACT KIT - 7 FT.	ITEMS 3 thru 11
13	3903-000-009	CONTACT SPRING	1

HOUSING MATERIAL - 1026 MILD STEEL TUBE
FILLER - TUNGSTEN SLUGS
AND 4140 H.T. ALLOY STEEL ENDS

TEMPERATURE RATING - 400°F

PRESSURE RATING - 20,000 PSI

PULL STRENGTH (TENSILE) - APPROX. 65,000 LBS. @ 85%
BASED ON 135,000 MIN. TENSILE

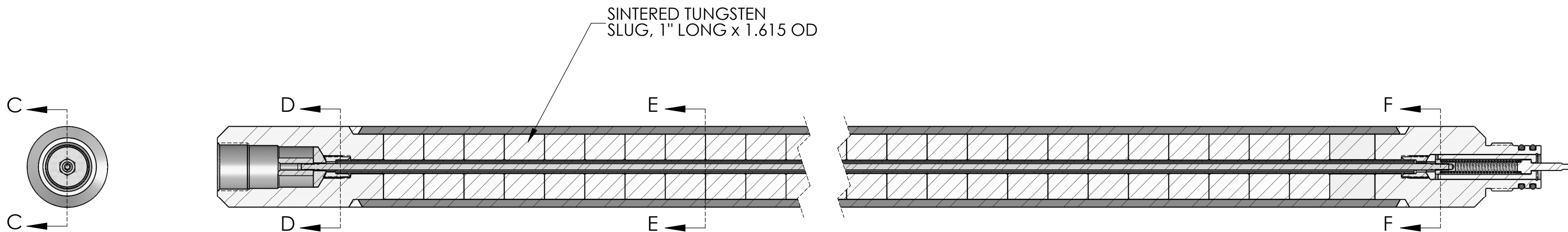
WEIGHT -
3 FT. - 49 LBS.
5 FT. - 85 LBS.
7 FT. - 121 LBS.

DIAMETER - 2.000

OVERALL LENGTH -
3 FT. - 37.38
5 FT. - 61.38
7 FT. - 85.38

INTERNAL MATERIAL MAKE-UP;
CONTACTS - STAINLESS STEEL
INSULATORS - PEEK 30% GLASS FILLED
O-RINGS - VITON 95 DUROMETER

<p>PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS CONFIDENTIAL AND IS THE SOLE PROPERTY OF HUNTING ENERGY SERVICES. ANY DISCLOSURE OR REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF HUNTING ENERGY SERVICES IS PROHIBITED. ©Copyright 2011, Hunting Energy Services. All rights reserved.</p>	UNLESS OTHERWISE SPECIFIED:	NAME	DATE	TITLE:	
	DIMENSIONS ARE IN INCHES TOLERANCES: ANGULAR: MACHINE ± 1/4° ONE PLACE DECIMAL: ± .050 TWO PLACE DECIMAL: ± .015 THREE PLACE DECIMAL: ± .005 FOUR PLACE DECIMAL: ± .0005 COAXIAL DIAMETERS CONCENTRIC WITHIN .005 MACHINED FINISHES 125 MAX. REMOVE ALL BURRS AND SHARP EDGES MIN. R.010	DRAWN	LANGFORD	6/22/2010	SINKER BAR ASSY. 2" O.D.; TUNGSTEN FILLED
	FINISH	99401-12	HEAT TREAT	N/A	
	DO NOT SCALE DRAWING	APPROVED	WILLIAMS	8/30/2012	REV
	COMMENTS	MATERIAL TRACEABILITY REQ'D		00	
	MATERIAL	SEE NOTE		SCALE: NONE	
	SIZE	DWG. NO. 3925-016-00L		WEIGHT: 48.95 LBS.	
				SHEET 1 OF 2	



SINTERED TUNGSTEN
SLUG, 1" LONG x 1.615 OD

SECTION C-C

4140 HT BAR
2.83 SQ. IN. AREA
144,000# TENSILE
128,000# YIELD
CALC. SHEAR (.58 OF TENSILE) - 236,361#
CALC. SHEAR (.58 OF YIELD) - 210,099#

SECTION D-D

4140 HT BAR
2.93 SQ. IN. AREA
144,000# TENSILE
128,000# YIELD
CALC. SHEAR (.58 OF TENSILE) - 244,713#
CALC. SHEAR (.58 OF YIELD) - 217,523#

SECTION E-E

1026 DOM TUBE
1.06 SQ. IN. AREA
97,000#/107,500# TENSILE
83,000#/100,000# YIELD
CALC. SHEAR (.58 OF TENSILE) - 59,635# MIN.
66,091# MAX.
CALC. SHEAR (.58 OF YIELD) - 51,028# MIN.
61,480# MAX.

SECTION F-F

<p>HUNTING</p> <p>PROPRIETARY AND CONFIDENTIAL</p> <p>THE INFORMATION CONTAINED IN THIS DRAWING IS CONFIDENTIAL AND IS THE SOLE PROPERTY OF HUNTING ENERGY SERVICES. ANY DISCLOSURE OR REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF HUNTING ENERGY SERVICES IS PROHIBITED. ©Copyright 2011, Hunting Energy Services All rights reserved.</p>	UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: SINKER BAR ASSY.	
	DIMENSIONS ARE IN INCHES TOLERANCES: ANGULAR: MACHINE ± 1/4° ONE PLACE DECIMAL: ± .050 TWO PLACE DECIMAL: ± .015 THREE PLACE DECIMAL: ± .005 FOUR PLACE DECIMAL: ± .0005 COAXIAL DIAMETERS CONCENTRIC WITHIN .005 MACHINED FINISHES 125 MAX. REMOVE ALL BURRS AND SHARP EDGES MIN. R.010		DRAWN	LANGFORD		6/22/2010
	FINISH		HEAT TREAT	APPROVED	WILLIAMS	8/30/2012
	99401-12		N/A	COMMENTS MATERIAL TRACEABILITY REQ'D		REV 00
DO NOT SCALE DRAWING		SEE PG 1	MATERIAL	SCALE: NONE	WEIGHT: 48.95 LBS.	
			SIZE	DWG. NO.	SHEET 2 OF 2	
			C	3925-016-00L		