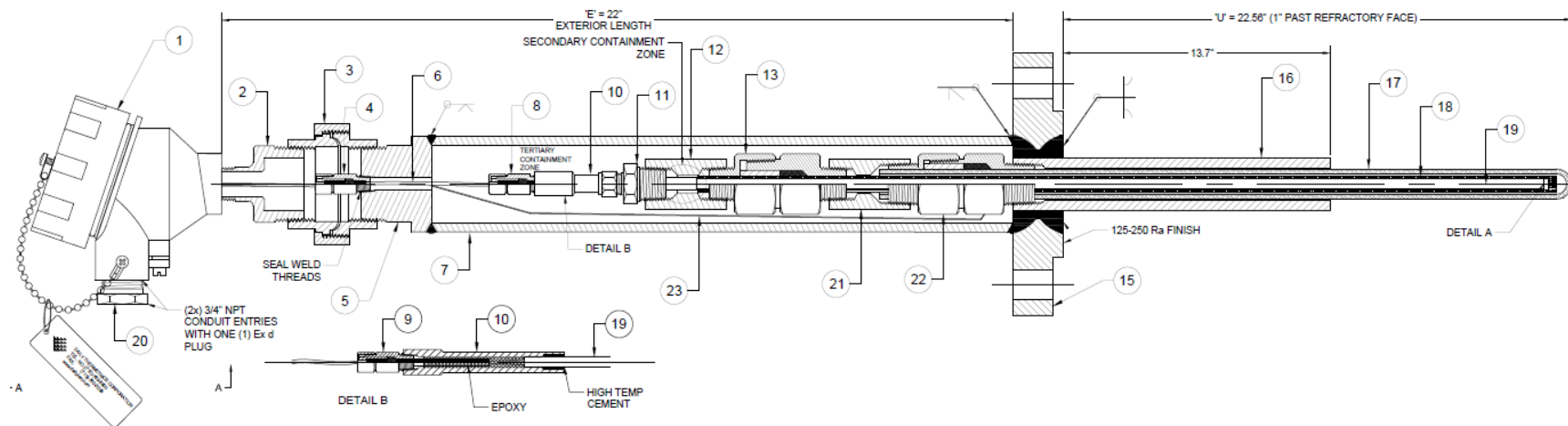


ImpermaWell™ Sample Drawing



LIST OF MATERIAL			
ITEM	QTY PER ASSEMBLY	DESCRIPTION	MATERIAL
1	1	LIMATHERM EXPLOSION PROOF SCREW COVER HEAD - XD-AD N3/N3-N2	ALUMINUM
2	1	1/2" NPT X 1 1/2" NPT ADAPTER	SS
3	1	1 1/2" NPT 150# UNION	SS
4	1	CONAX MULTI-HOLE PACKING GLAND WITH TEFLON SEALANT - 1/4" NPT. PN: TG-24-A6-T	SS
5	1	1 1/2" MNPT X 1/4" FNPT X 1.75" LONG SEAL CAP	316/L SS
6	-	24 AWG WIRES WITH INSULATING JACKET	TYPE B/R/PTFE
7	1	2" SCHEDULE 40 PIPE	316/L SS
8	1	CONAX MULTI-HOLE PACKING GLAND WITH LAVA SEALANT 1/8" NPT. PN: MTG-24-A4-L	SS
9	-	-	-
10	1	5/8" OD TRANSITION HOUSING	316 SS
11	1	1/2" NPT X 1/2" TUBE SWAGelok COMPRESSION FITTING	SS
12	1	1/2" FNPT X 1/2" FNPT HEX BAR COUPLING	316/L SS
13	1	CONAX PACKING GLAND WITH GRAFOIL SEALANT - 1/2" NPT. PN: PG4-394-B-G	SS
14	-	-	-
15	1	RF FLANGE - SEE DATA SHEET FOR SIZE	310SS
16	1	1" SCH 180 SHIELD PIPE	310 SS
17	1	3/4" OD X 1/2" ID CERAMIC PROTECTION TUBE	HEXOLOY®
18	1	10mm OD x 7mm ID PROTECTION TUBE	SAPPHIRE
19	1	CERAMIC INSULATED THERMOCOUPLE, TYPE B & R, 1/4" OD, DUPLEX, RECESSED JUNCTION, 24 AWG WIRES	ALUMINA
20	1	3/4" NPT Ex d PLUG	SS
21	1	1/2" FNPT x 3/4" FNPT HEX BAR COUPLING	316/L SS
22	1	CONAX PACKING GLAND WITH GRAFOIL SEALANT - 3/4" NPT. PN: PG5-750-B-G	SS
23	1	LEAK DETECTION THERMOCOUPLE, TYPE K, SINGLE, PTFE INSULATED, ANSI COLOR CODE	TYPE K

- NOTES:
- EXTERNAL HELIUM LEAK TEST ON FLANGE AND CONAX GLAND (ITEM 22) SEAL.
 - HIGH TEMPERATURE CEMENT IS ONLY A STRUCTURAL MOUNT AND IS NOT IMPERMEABLE. THREE GAS IMPERMEABLE PRESSURE SEALS (PACKING GLANDS AND COMPRESSION FITTING) FOLLOW THE CEMENTED REGION.
 - ALL COMPONENTS TORQUED TO SPECIFICATION AT FACTORY. THE ONLY EXCEPTION IS THE HEAD AND UNION ASSEMBLY WHICH IS HAND TIGHT.
 - UNDER NO CIRCUMSTANCE SHOULD THE ASSEMBLY BE MODIFIED WITHOUT SUPERVISION OF A DAILY THERMETRICS REPRESENTATIVE.
 - DAILY THERMETRICS SHOULD BE CONSULTED IN THE EVENT THAT THE ASSEMBLY SUSTAINS ANY DAMAGE.
 - MANY COMPONENTS ARE REPLACEABLE. THE ASSEMBLY SHOULD BE SENT TO DAILY THERMETRICS FOR AN EXAMINATION AND PARTS REPLACEMENT AND REFURBISHMENT IF FAILURE OCCURS.
 - DYE PENETRANT TEST ON ALL WELDS
 - OXYGEN CLEANING.
 - MATERIAL TEST REPORT.
 - THREE POINT CALIBRATION TEST REPORT.

