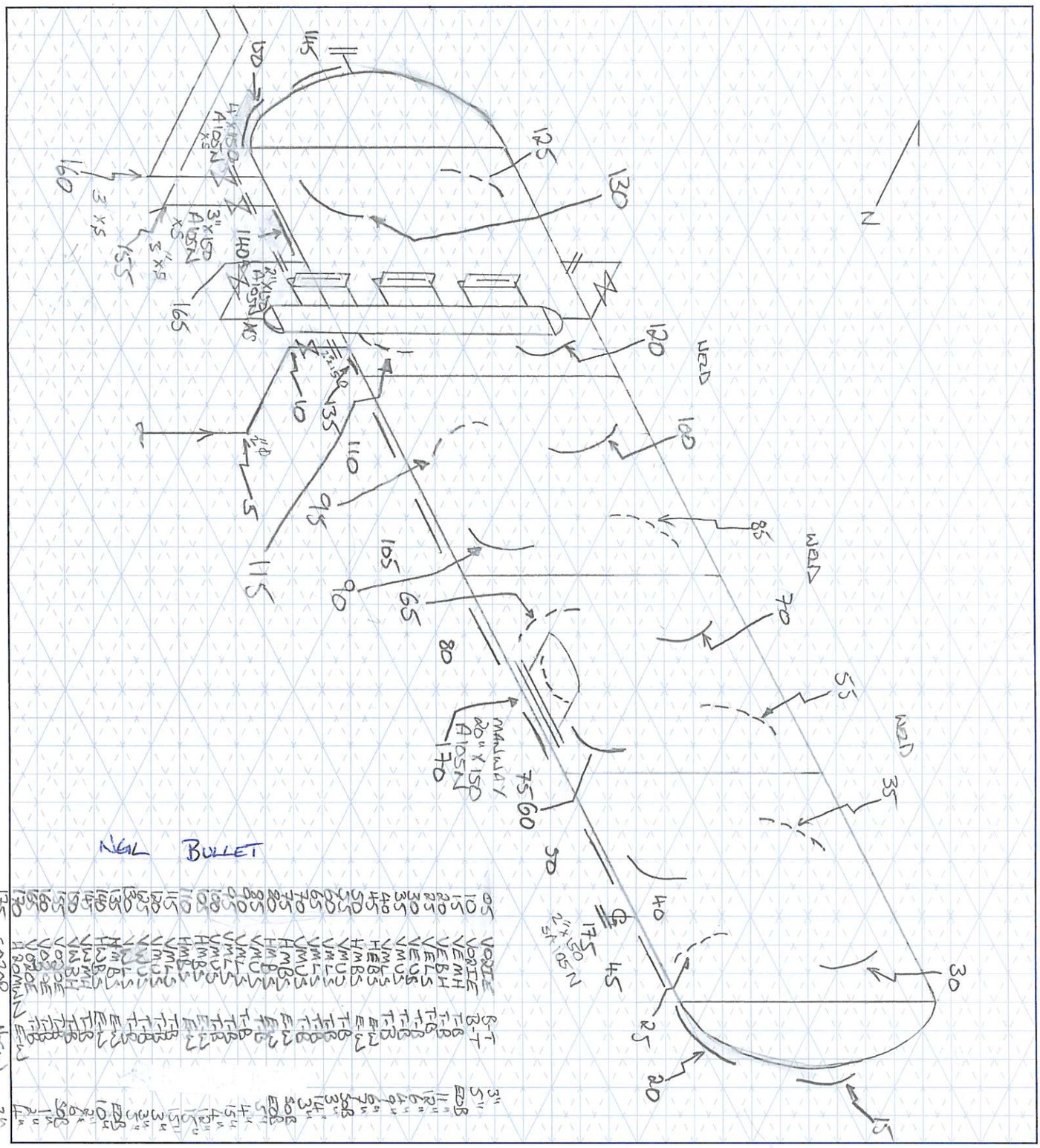

CUSTOMER: GRL FACILITY: CLARESHOLM LSD: 15-36-12-27 W4M

P & ID: DRAWN BY: SAEED M DATE: 21-5-09 DRAWING NO. 4

VESSEL INFORMATION:

Equip. No. Pro.Reg.No (A) 2623497 C.R.N. F398.2 Serial No 29614A Yr. Inst.

Code/Div. VIII DIV 1 Size: 108" ID / OD X 45' Manufacturer: WESTERN ROCK BIT CO. Yr. Blt. 1990

C. Stamp U Service: SWEET PWHT: NO J.E.: NO Radiography: RT2 Insulated: NO

HEAD:

Top Mat'l SA516-70 Top Nom 0.836" Top C.A. 0.0625" **SHELL:** Material SA516-70 Nominal 0.8415" C.A. 0.0625"

Btm Mat'l Btm Nom. Btm C.A.

BOOT: **CHANNEL:**

Head Mat'l Head Nom Head C.A. Top Mat'l Top Nom. Top C.A.

Shell Mat'l Shell Nom. Shell C.A. Btm Mat'l Btm Nom. Btm C.A.

MAWP Shell side: 250 PSI @ Temp. 115°F MAWP Tube Side: @ Temp.

PIPING INFORMATION: -20°F @ 250PSI

Circuit. No. Line No. (s) **(PLEASE PUT LINE NUMBERS ON APPLICABLE LINES ON THE DRAWING)**

Piping Class Service: Yr. Blt.

MAWP: @ Temp. Size & Schedule of Piping **(PLEASE PUT APPROPRIATE SIZES AND SCHEDULES OF PIPING ON DRAWING)**

A2628497 UT Readings
Readings in Inches

	PNT 1	PNT 2	PNT 3
LOC 5	0.155	0.182	0.168
LOC 10	0.148	0.172	0.155
LOC 15	0.896	0.905	0.900
LOC 20	0.872	0.909	0.894
LOC 25	0.869	0.875	0.871
LOC 30	0.884	0.887	0.885
LOC 35	0.868	0.877	0.876
LOC 40	0.872	0.875	0.873
LOC 45	0.878	0.880	0.879
LOC 50	0.870	0.876	0.874
LOC 55	0.871	0.876	0.875
LOC 60	0.867	0.871	0.869
LOC 65	0.869	0.873	0.872
LOC 70	0.866	0.873	0.872
LOC 75	0.875	0.880	0.878
LOC 80	0.870	0.876	0.872
LOC 85	0.864	0.867	0.866
LOC 90	0.858	0.864	0.862
LOC 95	0.863	0.867	0.864
LOC 100	0.862	0.870	0.869
LOC 105	0.862	0.865	0.864
LOC 110	0.864	0.874	0.869
LOC 115	0.862	0.867	0.863
LOC 120	0.868	0.880	0.878
LOC 125	0.871	0.878	0.876
LOC 130	0.862	0.866	0.864
LOC 135	0.858	0.869	0.867
LOC 140	0.869	0.889	0.872
LOC 145	0.889	0.905	0.900
LOC 150	0.873	0.921	0.874
LOC 155	0.146	0.165	0.155
LOC 160	0.209	0.228	0.222
LOC 165	0.195	0.213	0.207
LOC 170	0.506	0.546	0.516
LOC 175	0.343	0.364	0.353