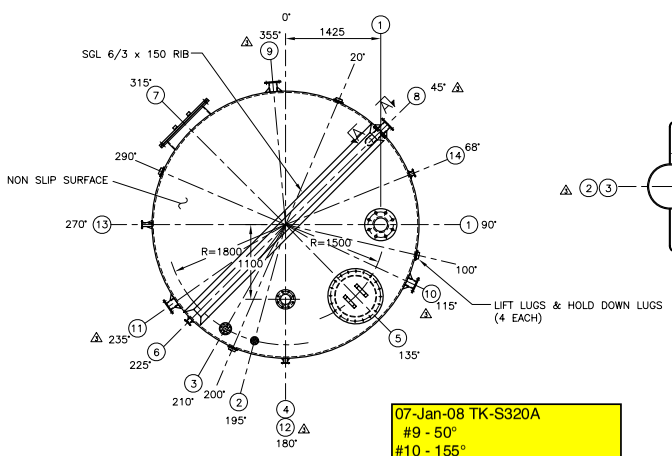
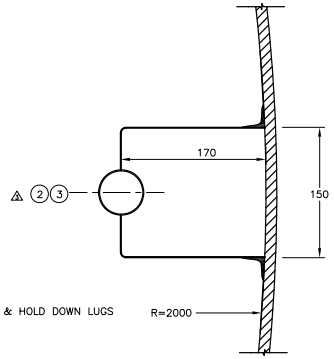
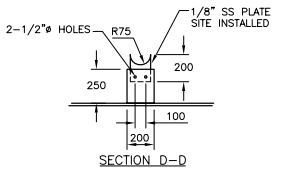


PLAN VIEW

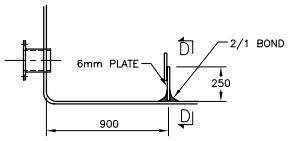
07-Jan-08 TK-S320A
#9 - 50°
#10 - 155°
#11 - 288°
Shift lifting lugs by 10° CCW
Earth Tech



SECTION B–B



SECTION D–D

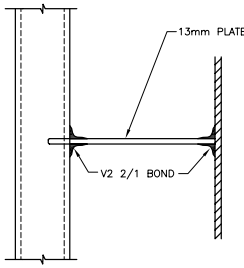


⚠ HEATER SUPPORTS
FITTINGS ⑨ ⑩ ⑪

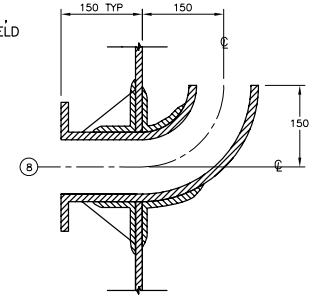
FITTING SCHEDULE

	ITEM	DESCRIPTION	JNT TYP	FLANGE I.D.	FLANGE O.D.	FLANGE THK	B/F THK	DRILLING
⚠	1	VENT	P	8"	14"	3/4"		8–7/8"ø HOLES ON 11 3/4" B.C.D.
	2	FILL	G & P	2"	6 1/2"	5/8"		4–3/4"ø HOLES ON 4 3/4" B.C.D.
	3	FILL	G & P	3"	8"	1/2"		4–3/4"ø HOLES ON 6" B.C.D.
⚠ ⚠	4	LEVEL ELEMENT	P	6"	11 1/2"	5/8"		8–7/8"ø HOLES ON 9 1/2" B.C.D.
⚠	5	MANWAY	P	24"	32 1/2"	1 3/4"	3/4"	20–1/2"ø HOLES ON 29 1/2" B.C.D. C/W 3/8"ø BOLTS & GSKT.
	6	SUCTION LINE	G & P	2"	6 1/2"	5/8"		4–3/4"ø HOLES ON 4 3/4" B.C.D.
⚠	7	MANWAY	P	30"	39 1/4"	1 3/8"	1 3/8"	28–3/4"ø HOLES ON 36" B.C.D. C/W 5/8"ø BOLTS & GSKT.
	8	OVERFLOW C/W INTERNAL LR 90° ELBOW	G & P	4"	9 1/2"	9/16"		8–3/4"ø HOLES ON 7 1/2" B.C.D.
⚠	9	HEATER	P	6"	11 1/2"	5/8"		8–7/8"ø HOLES ON 9 1/2" B.C.D.
⚠	10	HEATER	P	6"	11 1/2"	5/8"		8–7/8"ø HOLES ON 9 1/2" B.C.D.
⚠	11	HEATER	P	6"	11 1/2"	5/8"		8–7/8"ø HOLES ON 9 1/2" B.C.D.
	12	DRAIN	G & P	2"	6 1/2"	5/8"		4–3/4"ø HOLES ON 4 3/4" B.C.D.
	13	LEVEL GAUGE	G & P	2"	6 1/2"	5/8"		4–3/4"ø HOLES ON 4 3/4" B.C.D.
	14	TEMPERATURE TRANSMITTER	G & P	2"	6 1/2"	5/8"		4–3/4"ø HOLES ON 4 3/4" B.C.D.

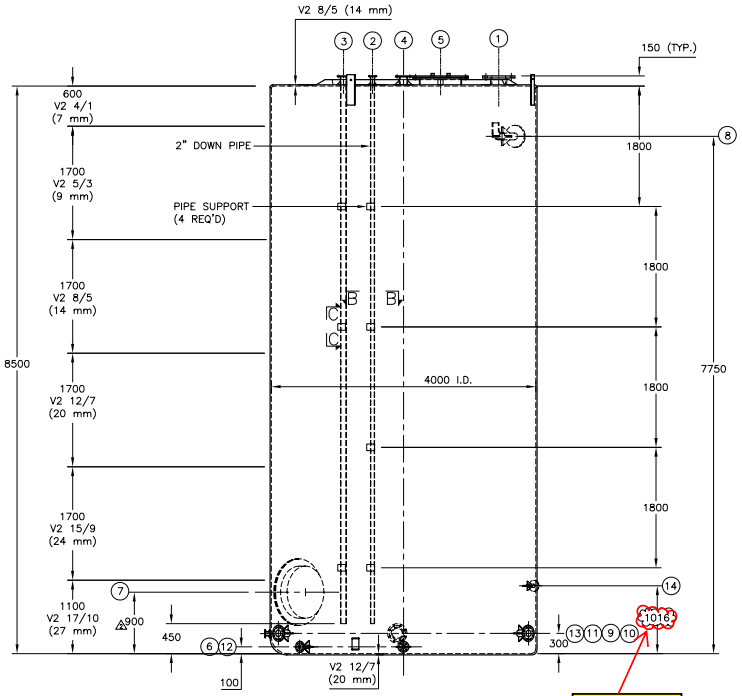
⚠ FITTINGS ⑦ , ⑨ , ⑩ , ⑪ , ⑬ , ⑭ TO BE PRE–DRILLED AND FIELD INSTALLED.



SECTION C–C
⚠ FTG ② & ③ PIPE SUPPORT BRACKET DETAIL

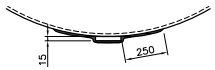


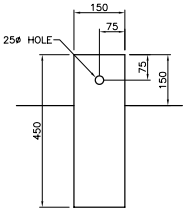
SECTION A–A
OVERFLOW ⑧ DETAIL



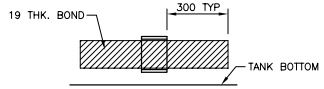
ELEVATION

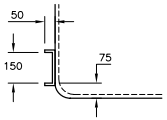
07-Jan-08
1300
Earth Tech





⚠ LIFT LUG DETAIL
(4 REQ'D)





⚠ HOLD DOWN LUG DETAIL
⚠ (4 REQ'D)
316 SS

GENERAL NOTES:

LINER: 2 LAYERS OF SYNTHETIC "NEXUS" VEIL & 2 PLIES 1.5 OZ. MAT DERAKANE 411 VINYL ESTER RESIN.
STRUCTURE: ALTERNATE PLIES OT 1.5 OZ. MAT & 24 OZ. WOVEN ROVING TO SPECIFIED THICKNESS WITH DERAKANE 411 VINYL ESTER RESIN.
FINISH: LAST MAT/ROVING/MAT & RESIN RICH FLOOD COAT TO BE DERAKANE 510C VINYL ESTER FIRE RETARDANT RESIN C/W 3–5% ANTIMONY TRIOXIDE & PIGMENTED GREY.
CURING: TANK TO BE POST CURED AT 160°F FOR 6 HRS.
MANHOLE BOLTS: TYPE 316 ST. STL.
⚠ MANHOLE GASKET: 1/4" THICK EPDM 60 DURO.
FITTINGS: ALL FITTINGS TO BE FULL FACE FLANGE DRILL TO 150 LB ANSI BOLT CIRCLE. HOLES TO STRADDLE CENTER LINES.
BOLT TORQUE: UP TO 8" FLANGE: 40 ft.lb.
10" TO 24" FLANGE: 100 ft.lb.
CONSTRUCTION STANDARD: CGSB 41.22–93
VISUAL ACCEPTANCE: CGSB 41.22–93 LEVEL 3
QUALITY ASSURANCE: CSA CAN 3 Z299.4
DESIGN PRESSURE: HYDROSTATIC ONLY S.G. = 1.50
APPROXIMATE SHIPPING WEIGHT: 3500 KG
ALL DIMENSIONS TO INSIDE OF TANK

4 CLIENT REVISIONS DEC.19/07

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3	CLIENT REVISIONS	DEC.10/07
2	SGL REVISIONS	SEPT.17/07
1	CLIENT REVISIONS	SEPT.10/07
	REVISION	DATE

Structural Glass Ltd.
Fibreglass Fabricator Winnipeg, Canada

CUSTOMER NAME
COMSTOCK
DEACON CHEMICAL STORAGE

SODIUM HYDROXIDE TANK
TNK–S320A

DRAWN J.A.	CLIENT NO. 0830579000–035063	PROJECT NO. 7763	DRAWING NO. 2308
DATE AUG 28/07	SCALE N.T.S.		