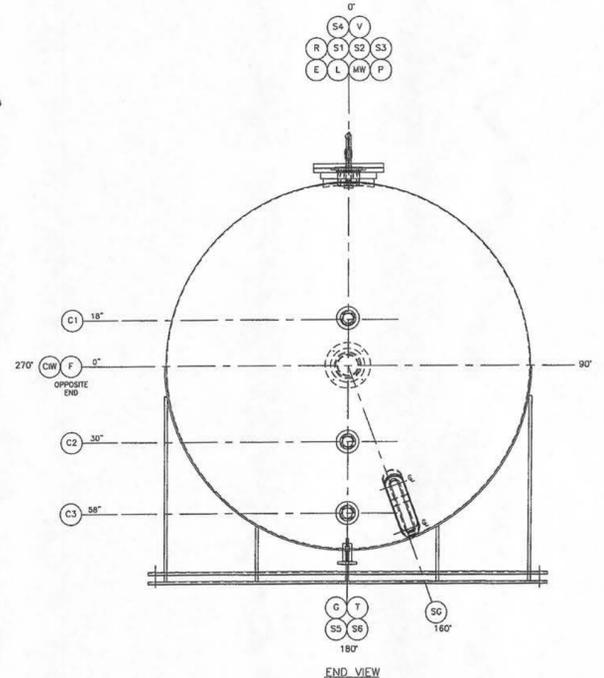
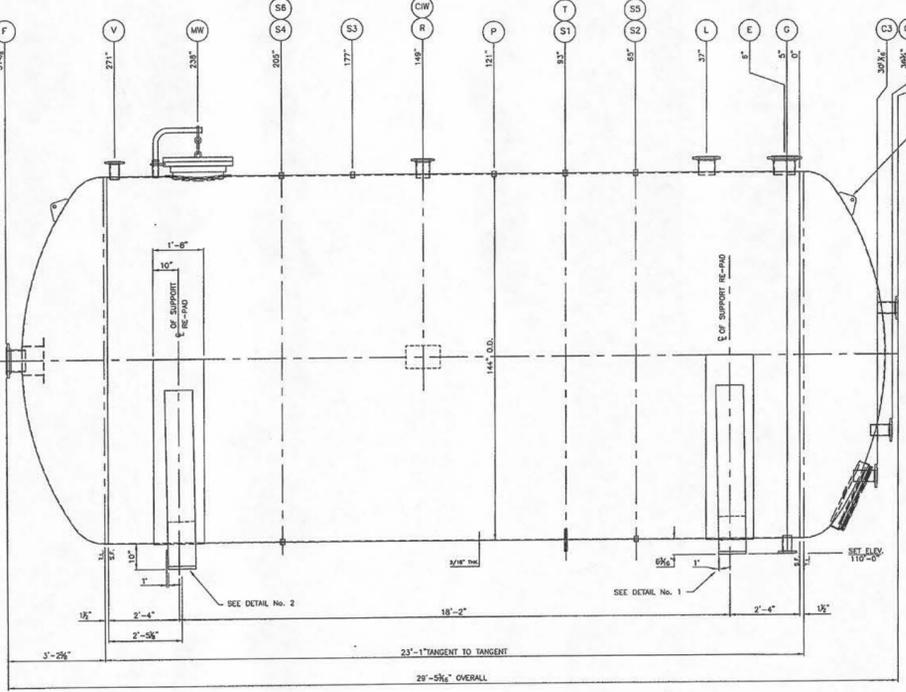


NOZZLE	SIZE	TYPE	FLANGE RATING	FLANGE MATERIAL	PIPE RATING	PIPE AND STUD END MATERIAL	SERVICE	NOZZLE	SIZE	TYPE	FLANGE RATING	FLANGE MATERIAL	PIPE RATING	PIPE AND STUD END MATERIAL	SERVICE
C1	4"	LAP-JOINT W/STUB-END	150#	C.S.	SCH 40S	304L S.S.	RAG LAYER CLEANOUT NOZZLE	SG	---	---	---	---	---	---	SIGHT GLASS
C2	4"	LAP-JOINT W/STUB-END	150#	C.S.	SCH 40S	304L S.S.	RAG LAYER CLEANOUT NOZZLE	S1	1"	COUPLING	3000#	304L S.S.	---	---	SPARE
C3	4"	LAP-JOINT W/STUB-END	150#	C.S.	SCH 40S	304L S.S.	RAG LAYER CLEANOUT NOZZLE	S2	1"	COUPLING	3000#	304L S.S.	---	---	SPARE
E	8"	LAP-JOINT W/STUB-END	150#	C.S.	SCH 40S	304L S.S.	ESTER LAYER EFFLUENT NOZZLE	S3	1"	COUPLING	3000#	304L S.S.	---	---	SPARE
F	8"	LAP-JOINT W/STUB-END	150#	C.S.	SCH 40S	304L S.S.	LIQUID FEED NOZZLE	S4	1"	COUPLING	3000#	304L S.S.	---	---	SPARE
G	3"	R.F. SLIP-ON	150#	304L S.S.	SCH 40S	304L S.S.	GLYCERINE LAYER EFFLUENT NOZZLE	S5	1"	COUPLING	3000#	304L S.S.	---	---	SPARE
L	6"	LAP-JOINT W/STUB-END	150#	C.S.	SCH 40S	304L S.S.	LEVEL TRANSMITTER	S6	1"	COUPLING	3000#	304L S.S.	---	---	SPARE
MW	20"	SEE DRAWING MW-20-304L	---	---	---	---	MANWAY	T	3/4"	THERMOWELL	---	---	---	---	THERMOWELL
P	1/2"	COUPLING	3000#	304L S.S.	---	---	PRESSURE GAUGE	V	3"	R.F. SLIP-ON	150#	304L S.S.	SCH 40S	304L S.S.	VENT
R	4"	LAP-JOINT W/STUB-END	150#	C.S.	SCH 40S	304L S.S.	PRESSURE RELIEF	CW	LARGE	SEE DRAWING WP-6X8	---	---	---	---	NAMEPLATE



DESIGN INFORMATION	
DESIGN CODE:	ASME LATEST CODE, LATEST ADDENDA
DESIGN PRESSURE:	118 psig
DESIGN TEMPERATURE:	250°F
WEIGHT EMPTY:	22,500 lb
WEIGHT FULL OF WATER:	209,500 lb
WEIGHT FULL OF GLYCERINE:	246,500 lb
INTERIOR VOLUME:	122,400 gal
INTERIOR FINISHES:	---
EXTERIOR FINISHES:	---
INTERIOR INSULATION:	---
EXTERIOR INSULATION:	---
JOINT EFF.:	0.70

No.	Revisions	Date	By	Designed By	Date Printed
0	ORIGINAL ISSUE	2-2-07	CW	CW	2-2-07

CROWN IRON WORKS CO.
MINNEAPOLIS, MINNESOTA 55440

TODD & SARGENT
620 Arrowsmith Trail - Ames, Iowa 50010
(515) 232-0442 - Fax: (515) 232-0682



SOY BIODIESEL
-FOR-
REG BIODIESEL
ST. ROSE, LOUISIANA

INSTALLATION DRAWING
V-350

Job Number: 20023
Drawing No.: MEC478
Rev. No.: 0