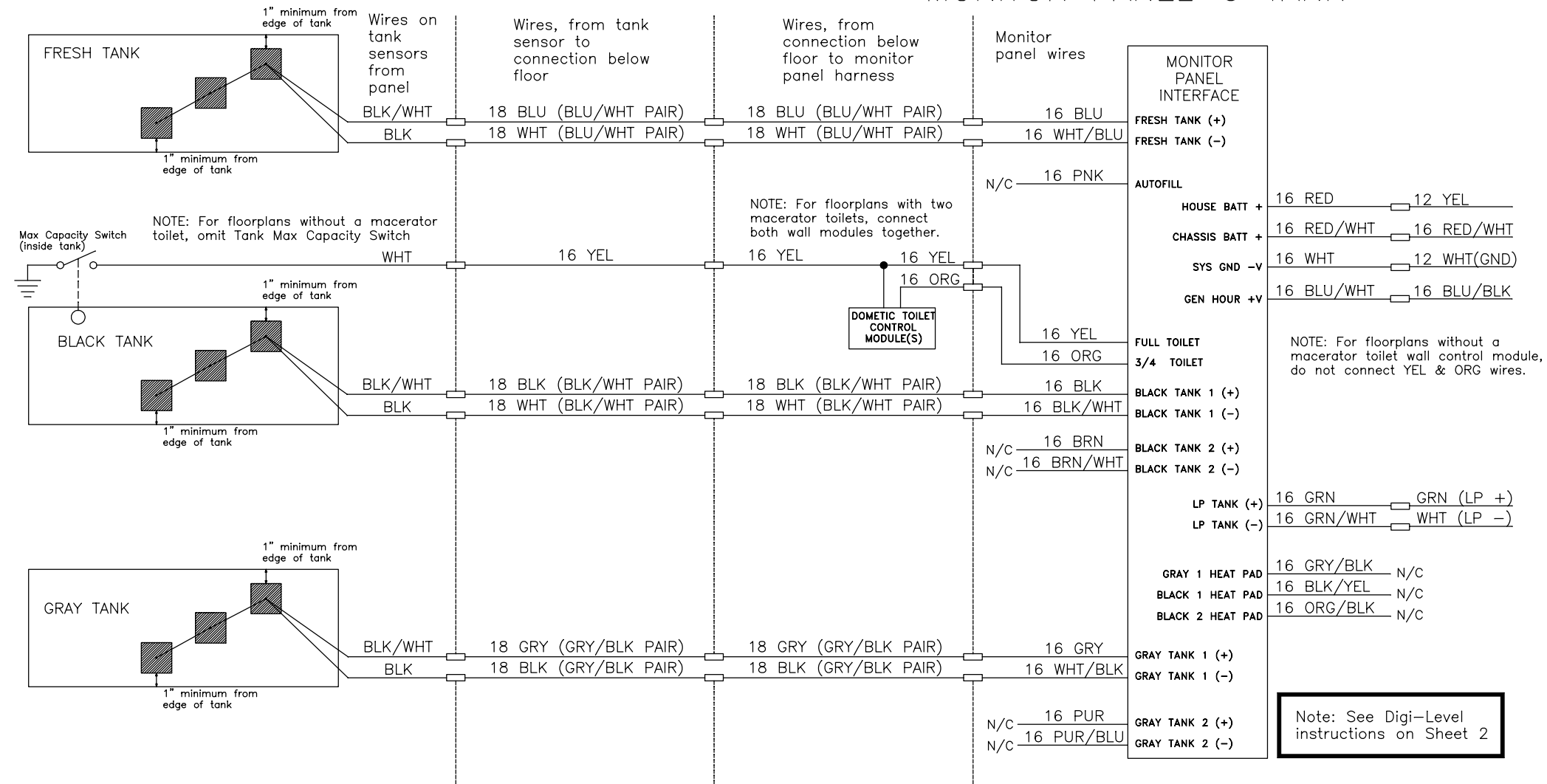


NEWMAR WIRING

MONITOR PANEL=3 TANK



NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 UNITS: INCHES TITLE BLOCK: 1-5TB	Model:	(SEE INDEX)	Sheet	1 OF 2	Drawn by:	R. R.	Checked by:	M. W.	Revision: Changes made for ECO 242.	By: M. W.
	Title:	DIGI-LEVEL TANK MONITOR	I.D. #	ELECT	Date:	1/4/12	Date:	1/21/12	Revision: WIRING PER NEW DIGI-LEVEL SYSTEM, TITLE TO MATCH SYSTEM.	By: N. G.
			RICAL\MISC\TANK_MONITOR\	3_TANK						Date: 3/23/12

INSTALLING AUTOFILL FEATURE

On initial power up, the Autofill function is not available. If the coach has Autofill installed, press and hold the Button when turning On the Battery Disconnect switch. Continue holding Button until "Autofill Installed" message appears. Select "Yes" or "No" and then press and hold Button until the startup screen appears.

AUTOFILL FUNCTION

On Power-Up the Autofill function is OFF

By pressing the Button and scrolling through the different functions a new display screen will appear:

"Fresh Water Autofill"

"Off"

"Press & Hold Button"

"To Exit Function"

The second line above is the only one that will change with 4 optional function states:

"Ready" or

"Filling" or

"Max Time Error" or

"Low Coach Battery"

While on the screen, each time User presses the Butoon, the screen toggles between "Ready" and "Off" states.

If User presses and holds the Button, exit the screen and go to the next function.

While in "Ready" state, if Fresh Water level falls below 2/3 tank sensor, the Fill Valve Relay turns on, "Filling" is displayed.

Timeout time is 15 minutes. If tank does not reach Full in 15 minutes, then Fill Valve Relay turns off, "Max Time Error" is displayed.

User press Button takes Autofill function back to "Ready" state.

While "Filling", wait for Full 3/3, then continue filling for another 20 seconds. Then turn off Fill Valve Relay & reset to "Ready" state.

COACH BATTERY LEVELS

(Autofill should be performed while water hose is attached and Battery is being charged.)

If Battery ever falls below 11.0 Volts, then turn off Fill Valve Relay (if on) and display "Low Coach Battery".

Pressing the Button takes you to "Off".

While in "Ready" state, if water level falls below 2/3, check that Battery is >11.5 Volts before turning on Fill Valve Relay. If not >11.5 Volts, then display "Low Coach Battery".

BLACK TANK MONITOR WITH DOMETIC MACERATOR TOILET

Black 1 Tank sensor inputs will control 3/4 tank and Full Tank outputs from Monitor Panel to the Dometic Toilet wall controller.

Monitor Panel will automatically check Black 1 Tank level every one minute.

If Black 1 Tank is 2/3, activate 3/4 Toilet output. This will display the 3/4 Full LED on the Dometic Toilet wall controller.

If Black 1 Tank is 3/3, activate Full Toilet output. This will display the Full LED on the Dometic Toilet wall controller.

If Coach Battery is <10.0 Volts, then stop checking Black 1 Tank level and leave outputs at present states.

If Coach Battery is >10.5 Volts, then OK to resume checking Black 1 Tank level.

TANK HEAT PADS

3 outputs - 1 output for each of the holding tank heat pads (Gray 1, Black 1 & Black 2) that is enabled when the respective tank's first sensor is activated.

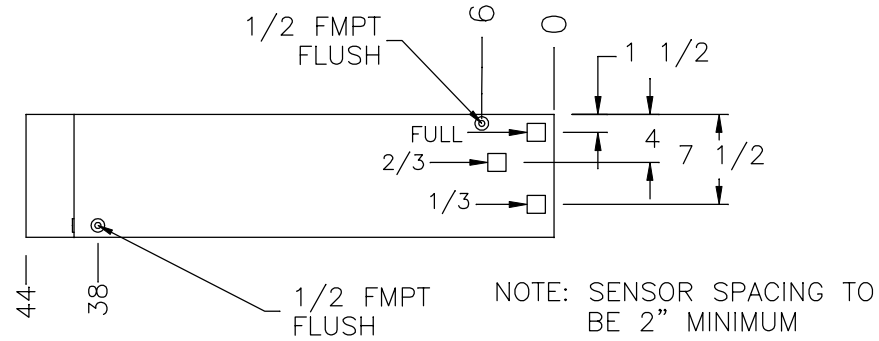
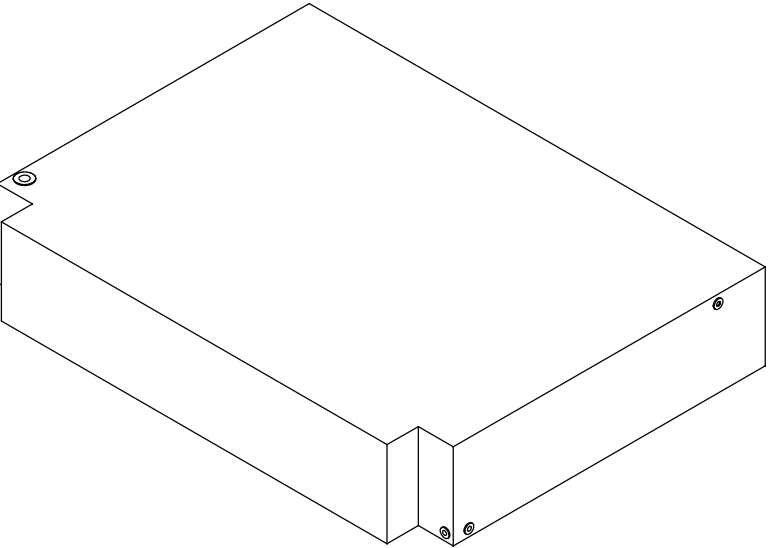
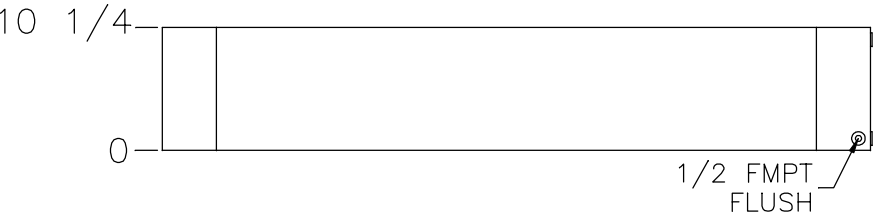
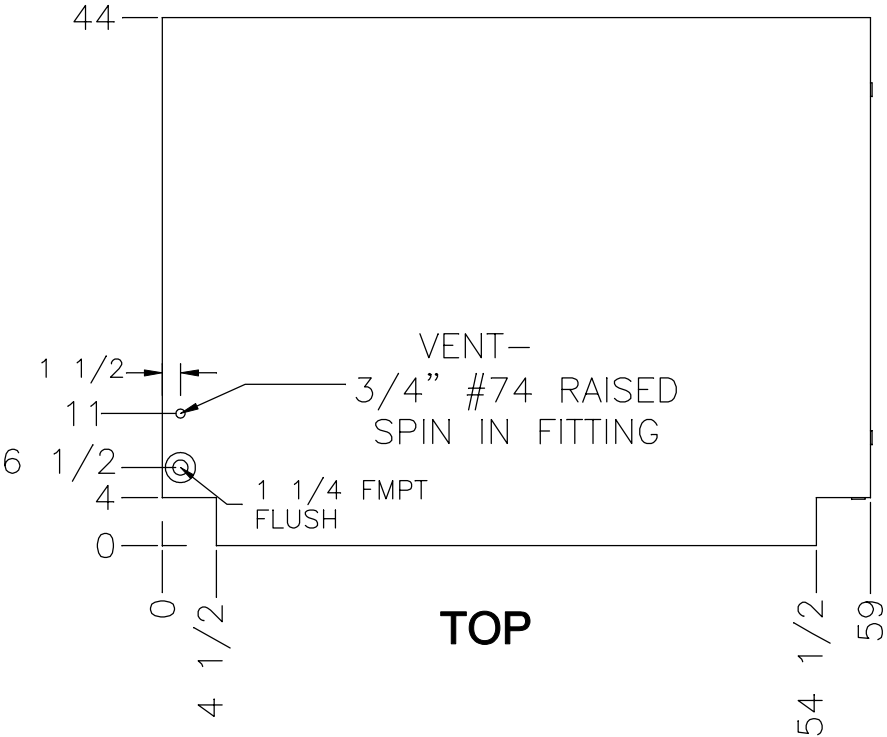
To ensure Coach has 120 Volts, the heat pad is enabled only when Coach Battery is at 13.0 Volts. Heat pad is disabled when Coach Battery is <12.5 Volts.

(Note: No heat pad control for Fresh Water or Black 2 tanks.)

NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 UNITS: INCHES TITLE BLOCK: 1-5TB	Model:	Sheet	Drawn by:	Checked by:	Revision: Changes made for ECO 242.	By: M. W.
	(SEE INDEX)	2 OF 2	R. R.	M. W.		Date: 7/27/15
	Title:	I.D. # ELECT	Date:	Date:	Revision: WIRING PER NEW DIGI-LEVEL SYSTEM, TITLE TO MATCH SYSTEM.	By: N. G.
	DIGI-LEVEL TANK MONITOR	RICAL \MISC\TANK_MONITOR\3_TANK	1/4/12	1/21/12		Date: 3/23/12

ITEM #	QTY	NEWMAR #	DESCRIPTION
1	1	129126	TANK FRESH WATER, POLYETHYLENE, WHITE

© WALL THICKNESS 0.1875



NEWMAR CORP P.O. Box 30, Nappanee, IN. 46550 UNITS: INCHES TITLE BLOCK--75TB	Model:	Sheet	Drawn by:	Checked by:	Revision: TANK #129126 ILO 115717, (ECO #382)	By: R. R.
	(SEE INDEX)	1 OF 1	D. K.	M. W.		Date: 11/26/14
	Title:	I.D. # 2013\COMPONENTS\MISC6005	Date:	Date:	Revision: ADDED 3/4" #74 RAISED VENT SPIN IN FITTING @ 11 & 1 1/2. , (ECO #382)	By: R. R.
	105 GALLON WATER TANK		1/20/12	1/21/12		Date: 11/24/14