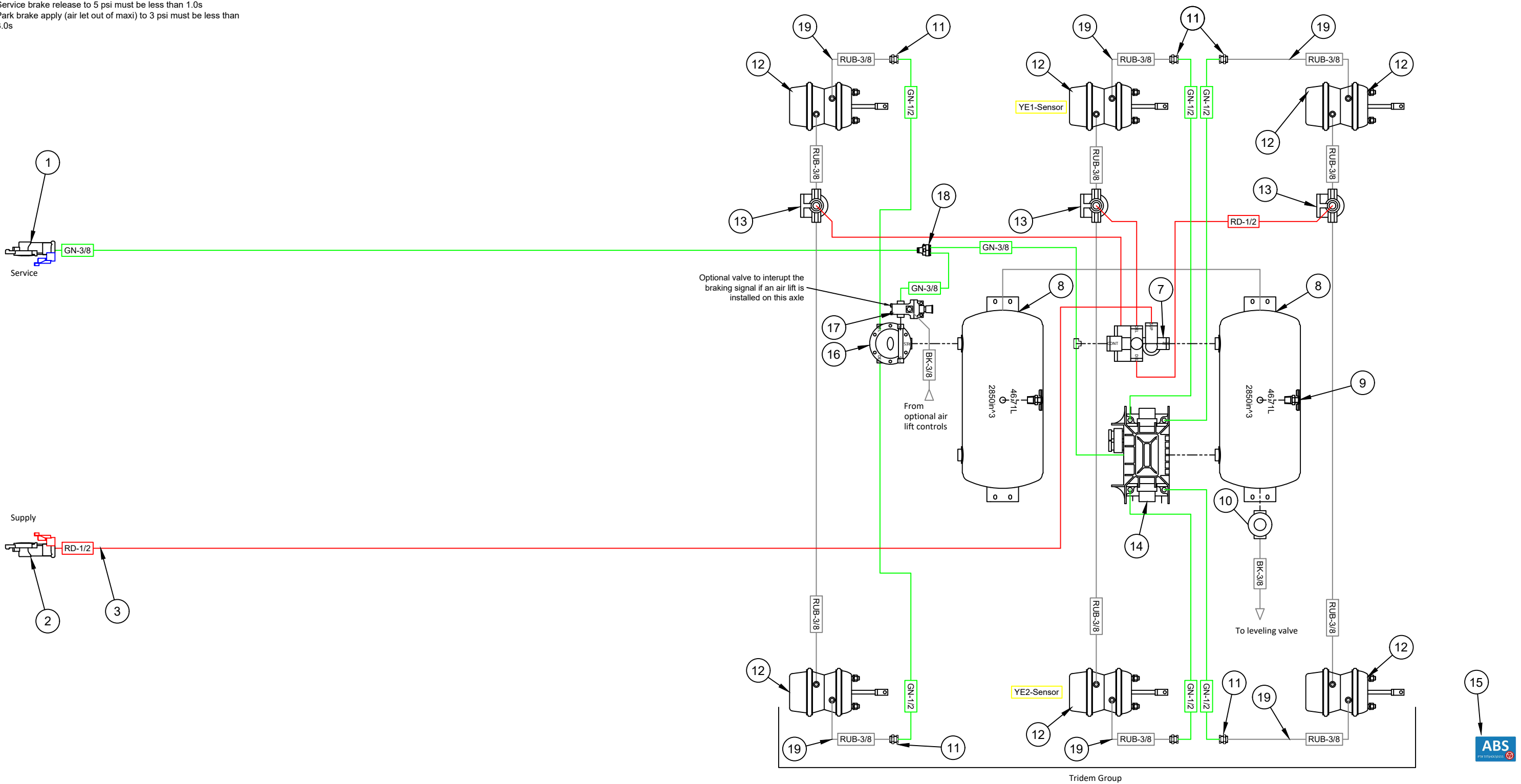


- Notes:**
1. Operating pressure between 90 to 120 psi
  2. 2S1M on tridem axles
  3. Air ride circuits are in a separate diagram
  4. Electrical components are in separate diagrams
  5. Additional components such as filters and dryers have not been tested in this configuration. If these items are added, the application and release rates will be altered.
  6. Schematic shows brake chambers for drum brakes. Disc brakes will have different parts
  7. Rubber hose assemblies to brake chambers will vary with differing installs

- Operational Characteristics:**
1. Minimum air tank volume needed with type 30 chambers =  
(Chamber volume) x (# of chambers) x 8 = 89x6x8 = 4272in<sup>3</sup>
  2. Service brake apply to 60 psi must be less than 0.5s
  3. Service brake release to 5 psi must be less than 1.0s
  4. Park brake apply (air let out of maxi) to 3 psi must be less than 3.0s

ITEM	QTE	# PIECE	DESCRIPTION	ITEM	QTE	# PIECE	DESCRIPTION	ITEM	QTE	# PIECE	DESCRIPTION
1	1	AIRGLA0001	GHS, 12-006 = STRAIGHT GLADHAND, SERVICE BLUE.	10	1	AIRVAL0045	WM778A1 =PRESSURE PROTECTION VALVE W/FILTER *	19	0	AIRHOS0004	Rubber DOT air brake tubing 3/8" Dia X 20"LG assy.
2	1	AIRGLA0002	GHE, 12-008 = STRAIGHT GLADHAND, EMERGENCY RED.	11	6	FITAIR0007	FRAME NIPPLE ADAPTER 3/8F 3/8F 1-3/8"L STEEL.	19	0	AIRHOS0005	Rubber DOT air brake tubing 3/8" Dia X 24"LG assy.
3	70	AIRHOS0045	Red Nylon DOT air brake tubing 1/2" Dia	12	6	BRATSE0005	TSE3030TN2/1714 = OMNI TEMISKO CUT CAGED	19	6	AIRHOS0006	Rubber DOT air brake tubing 3/8" Dia X 30"LG assy.
4	45	AIRHOS0042	Green Nylon DOT air brake tubing 3/8" Dia	13	3	AIRVAL0019	KN32011 = QUICK RELEASE VALVE IN1/2-OUT3/8	19	0	AIRHOS0007	Rubber DOT air brake tubing 3/8" Dia X 36"LG assy.
5	30	AIRHOS0044	Green Nylon DOT air brake tubing 1/2" Dia	14	1	BRAABS0539	4005001010 = ECU MODULATOR VALVE ASSY 2S/1M	19	0	AIRHOS0008	Rubber DOT air brake tubing 3/8" Dia X 48"LG assy.
6	5	AIRHOS0047	Black Nylon DOT air brake tubing 3/8" Dia	15	1	TITHOL0155	ABS Sticker 1.1" X 1.78" LG	19	0	AIRHOS0009	Rubber DOT air brake tubing 3/8" Dia X 60"LG assy.
7	1	AIRVAL0064	110800 = SPRING BRAKE CONTROL VALVE	16	1	AIRVAL0025	110197 = SERVICE RELAY VALVE CRACK PRES. 4 PSI,SEALCO *	19	0	AIRHOS0010	Rubber DOT air brake tubing 3/8" Dia X 72"LG assy.
8	2	AIRTAN0002	46.71L Air Tank 12" X 27" 29.5"OAL	17	1	AIRVAL0039	RELAY VALVE TYPE NO 3 WAY 10-30PSI to activate				
9	2	AIRVAL0007	240-B, 108-4 = EXTERNAL SEAT DRAIN VALVE 1/4"	18	1	FITPTC0051	KV2U11-00 = 3/8 UNION EN " Y " QUICK CONNECT				



Color and Abbreviation Codes			Symbol Legend	
BK	Black	Control lines	☐	Tee
RD	Red	Supply and spring brake lines	NC	No Connection
GN	Green	Control and service brake lines	---	Connection line
RB	Rubber	DOT rubber lines	☐	Outlines and enclosure

**TEMISKO (1983) INC.**  
91 RUE ONTARIO, NOTRE-DAME-DU-NORD, PQ, J0Z 3B0

**3 Air brake  
(tridem) 2S1M Meritor ABS**

Fichier :  
DESS.: PC Date: 22-03-29

Schematic :  
**SH0008**