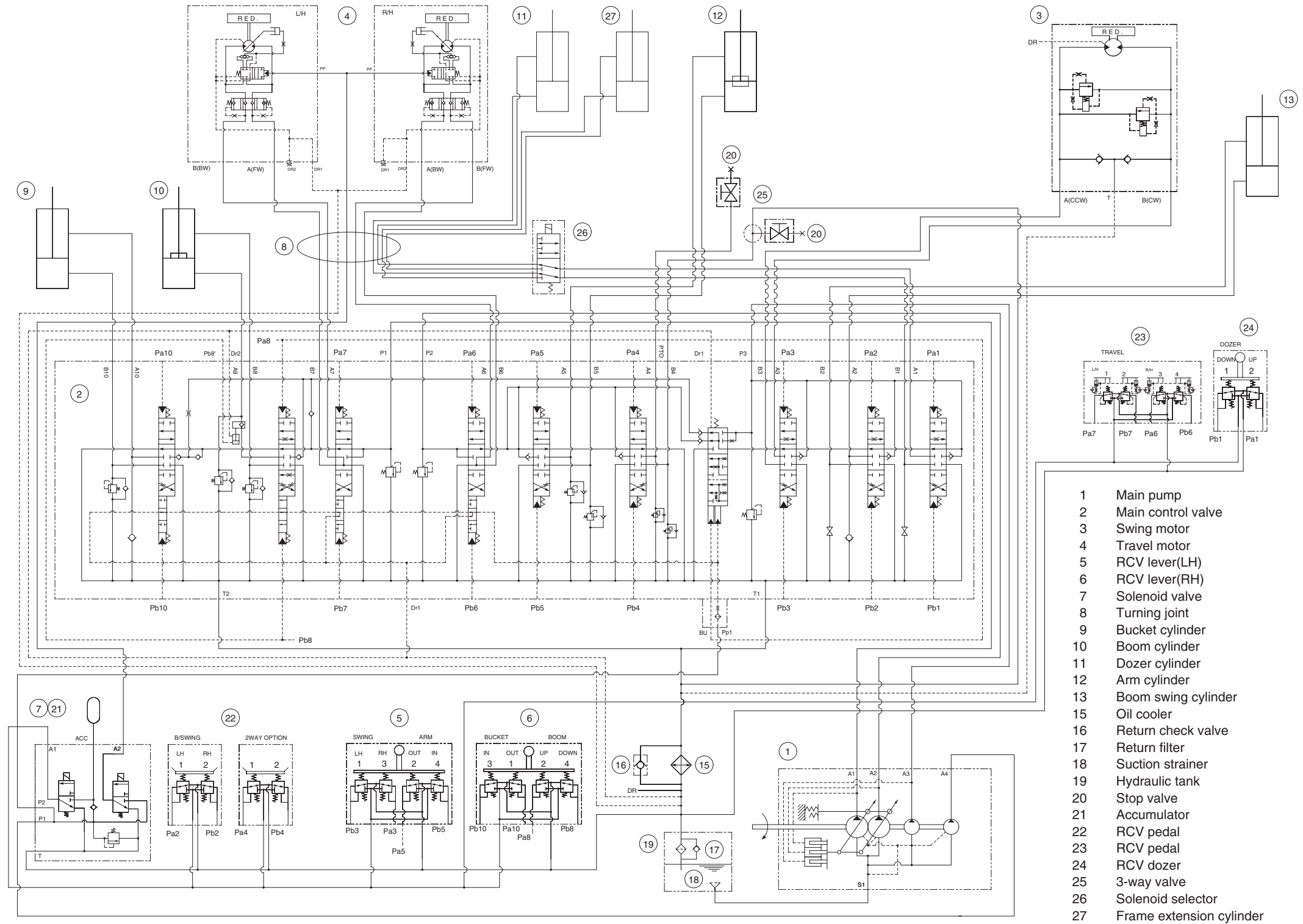
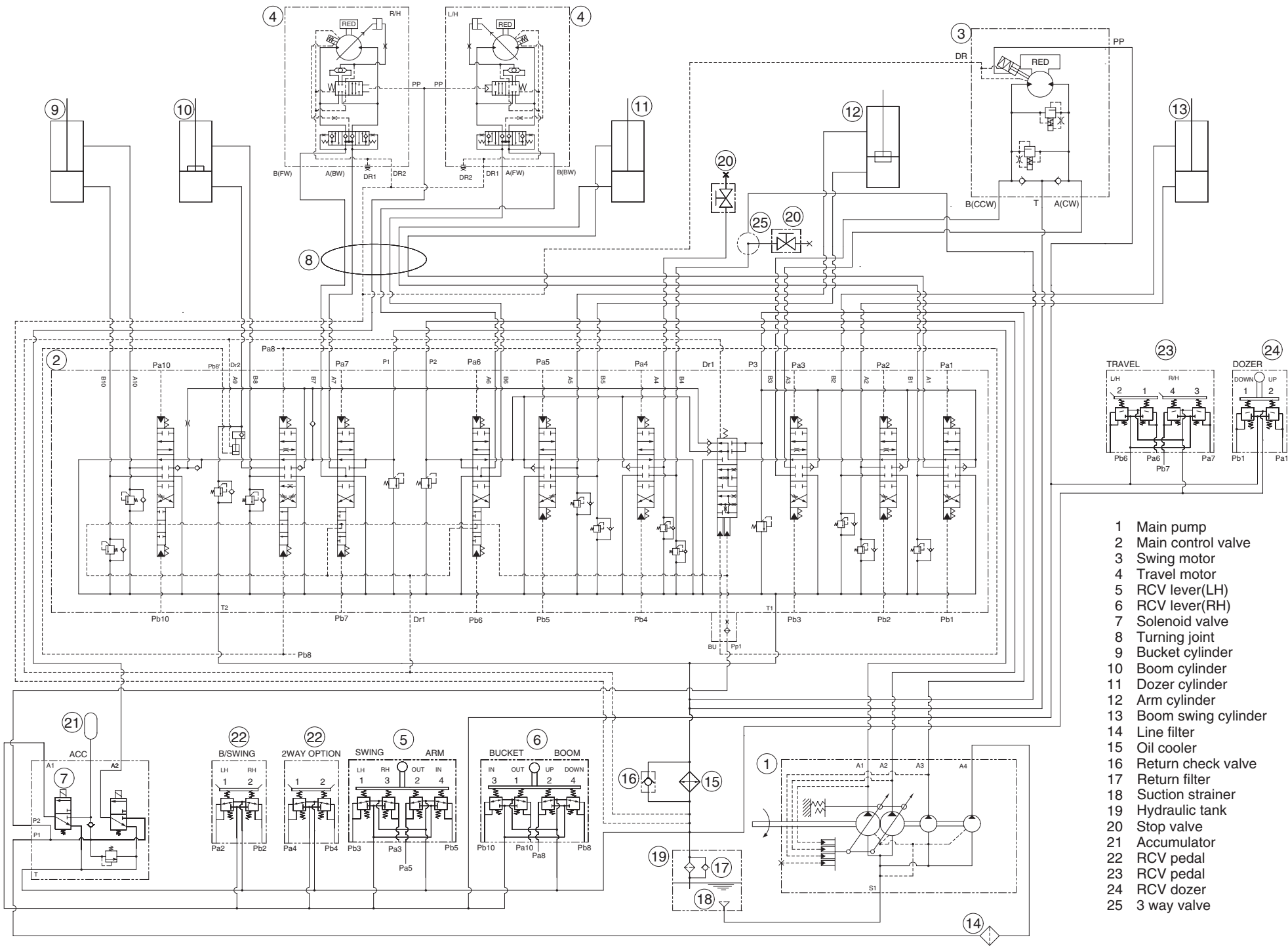
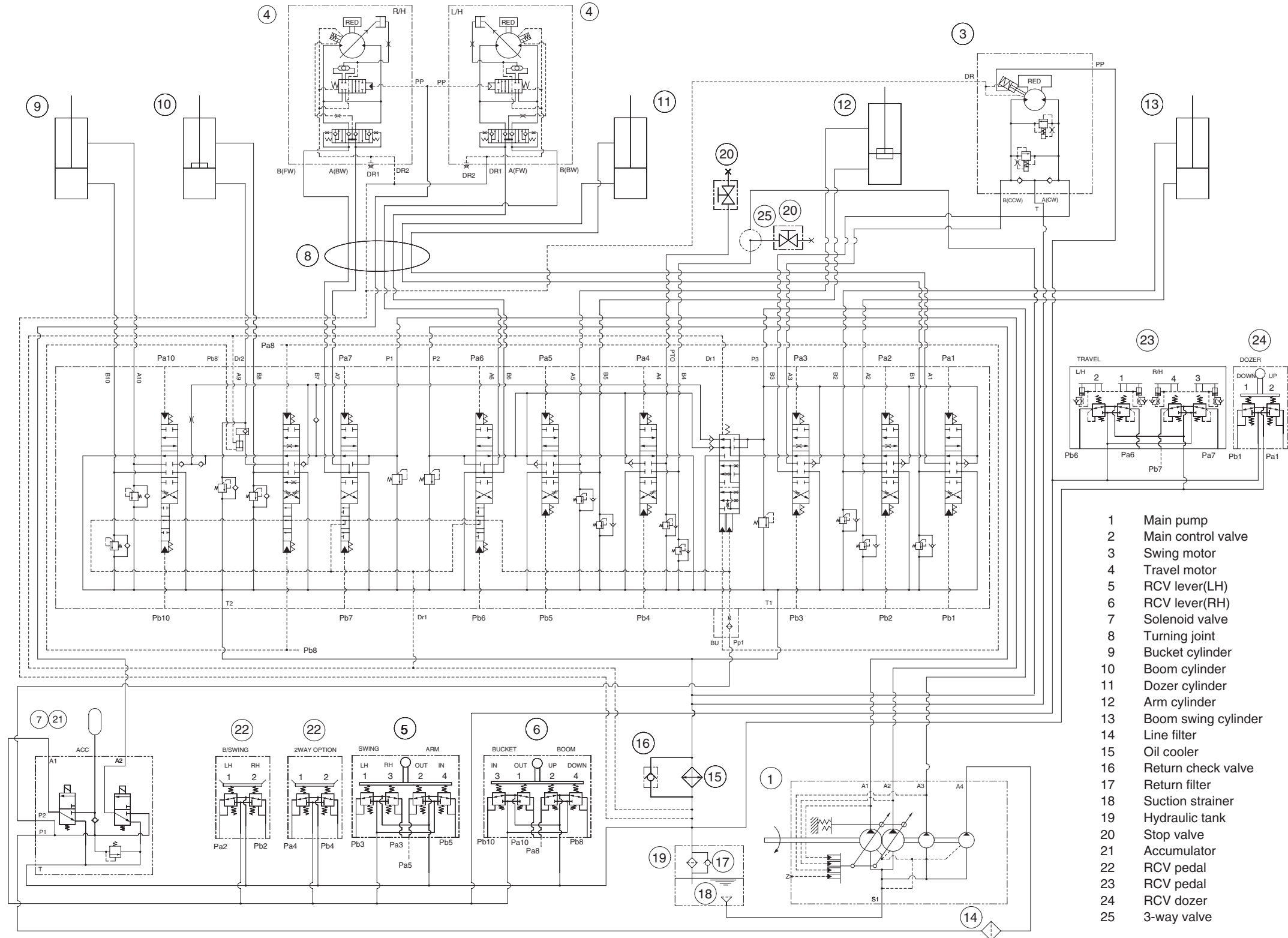
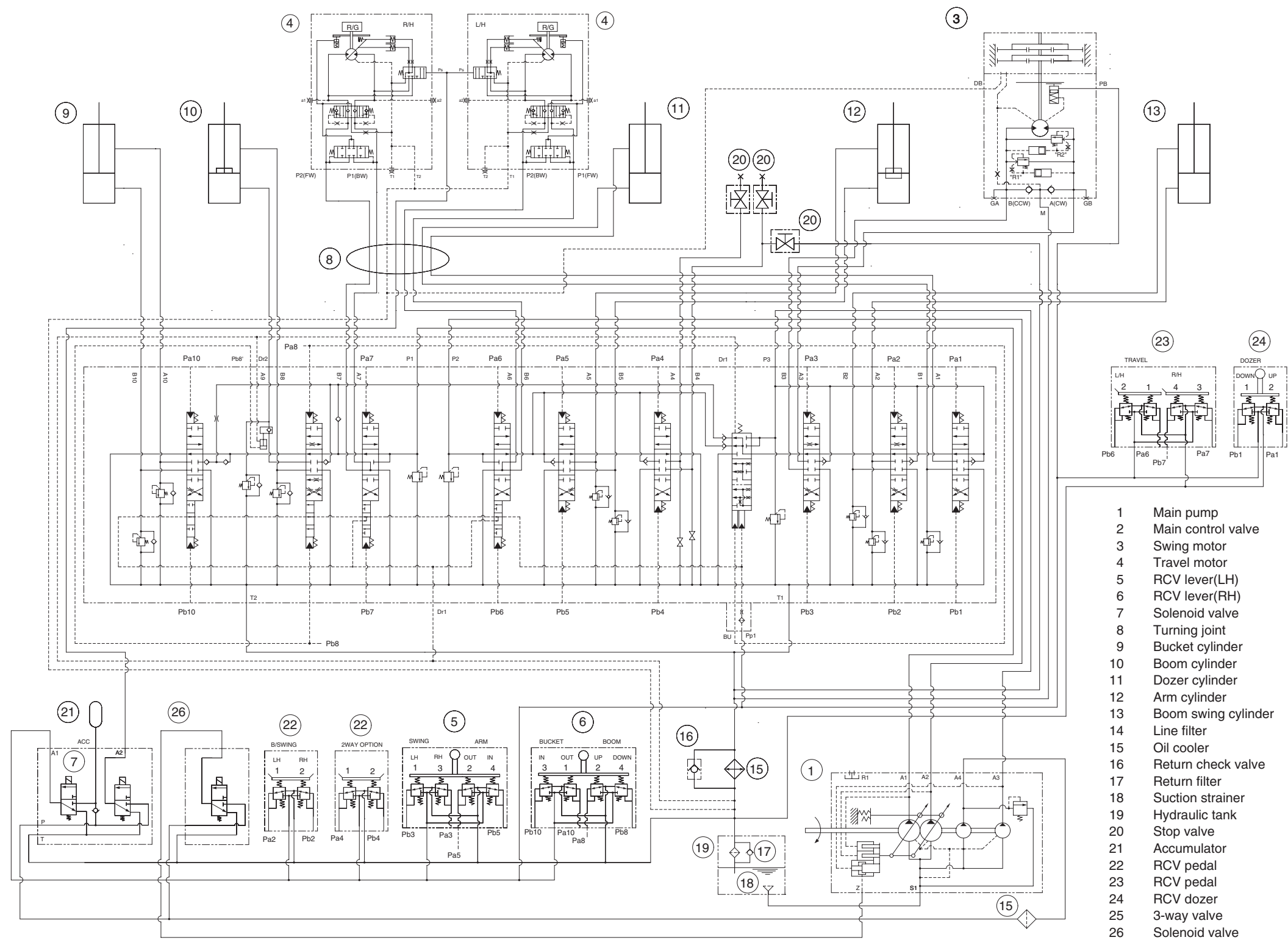


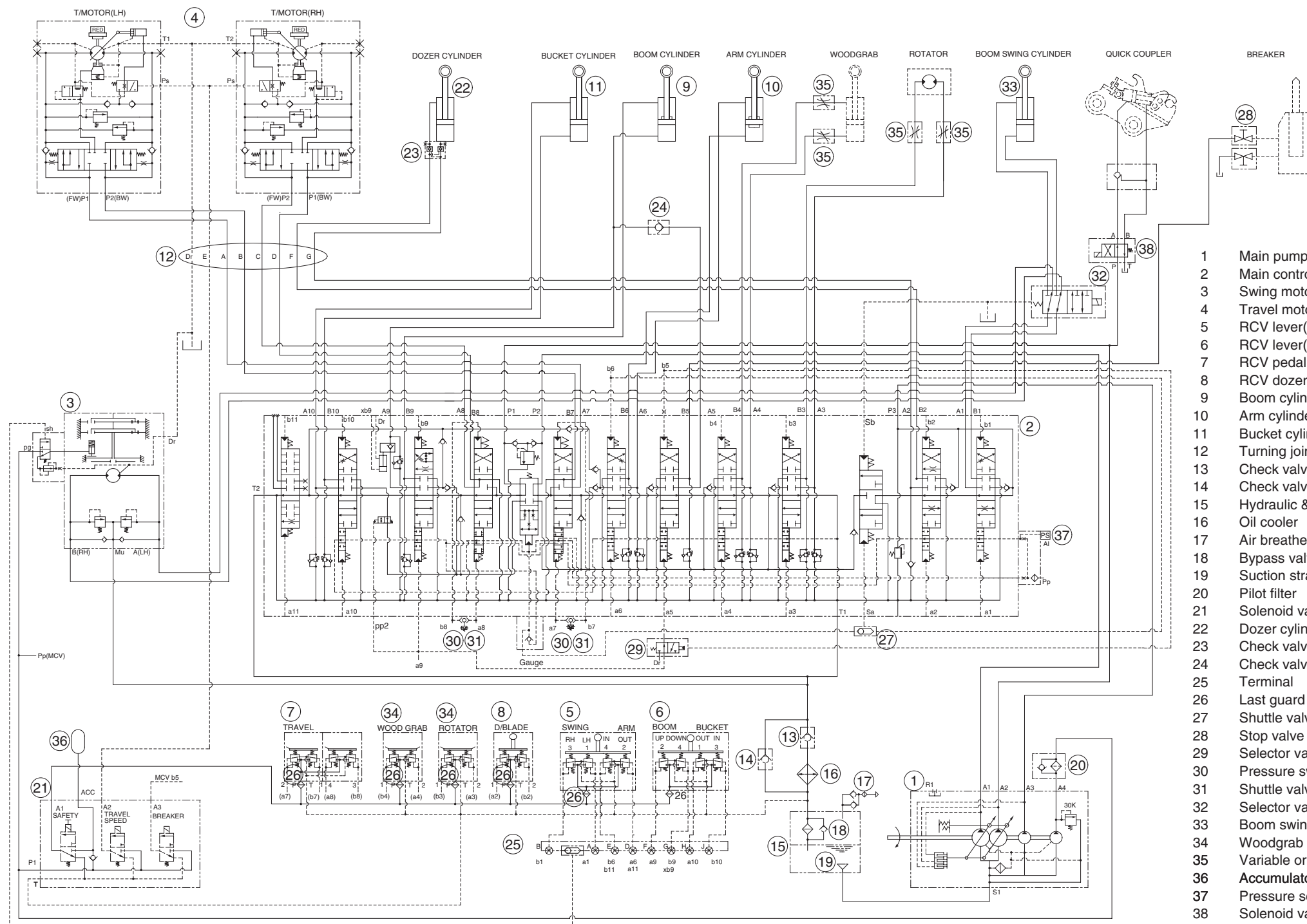


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 Solenoid valve
- 8 Turning joint
- 9 Bucket cylinder
- 10 Boom cylinder
- 11 Dozer cylinder
- 12 Arm cylinder
- 13 Boom swing cylinder
- 15 Oil cooler
- 16 Return check valve
- 17 Return filter
- 18 Suction strainer
- 19 Hydraulic tank
- 20 Stop valve
- 21 Accumulator
- 22 RCV pedal
- 23 RCV pedal
- 24 RCV dozer
- 25 3-way valve
- 26 Solenoid selector
- 27 Frame extension cylinder

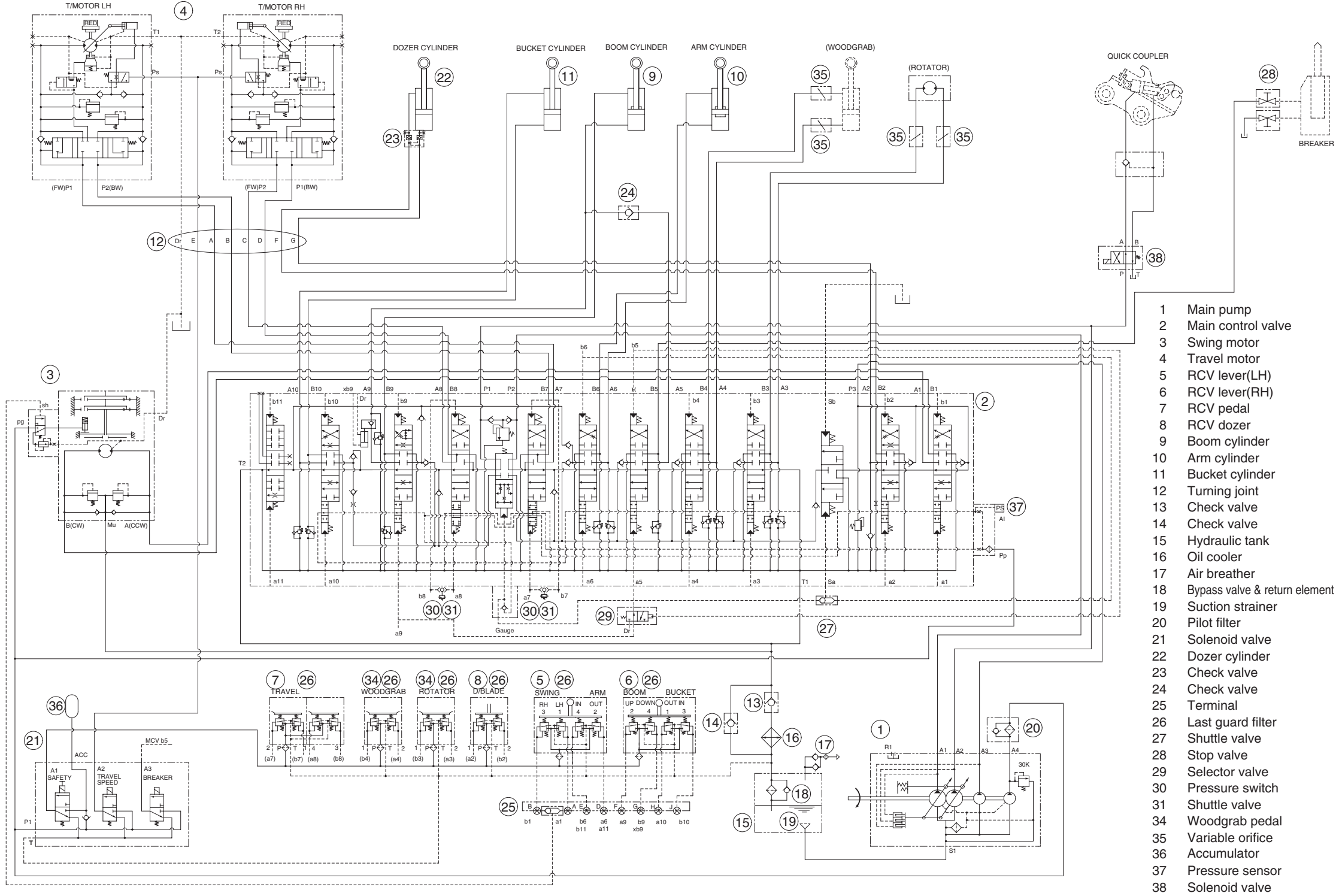


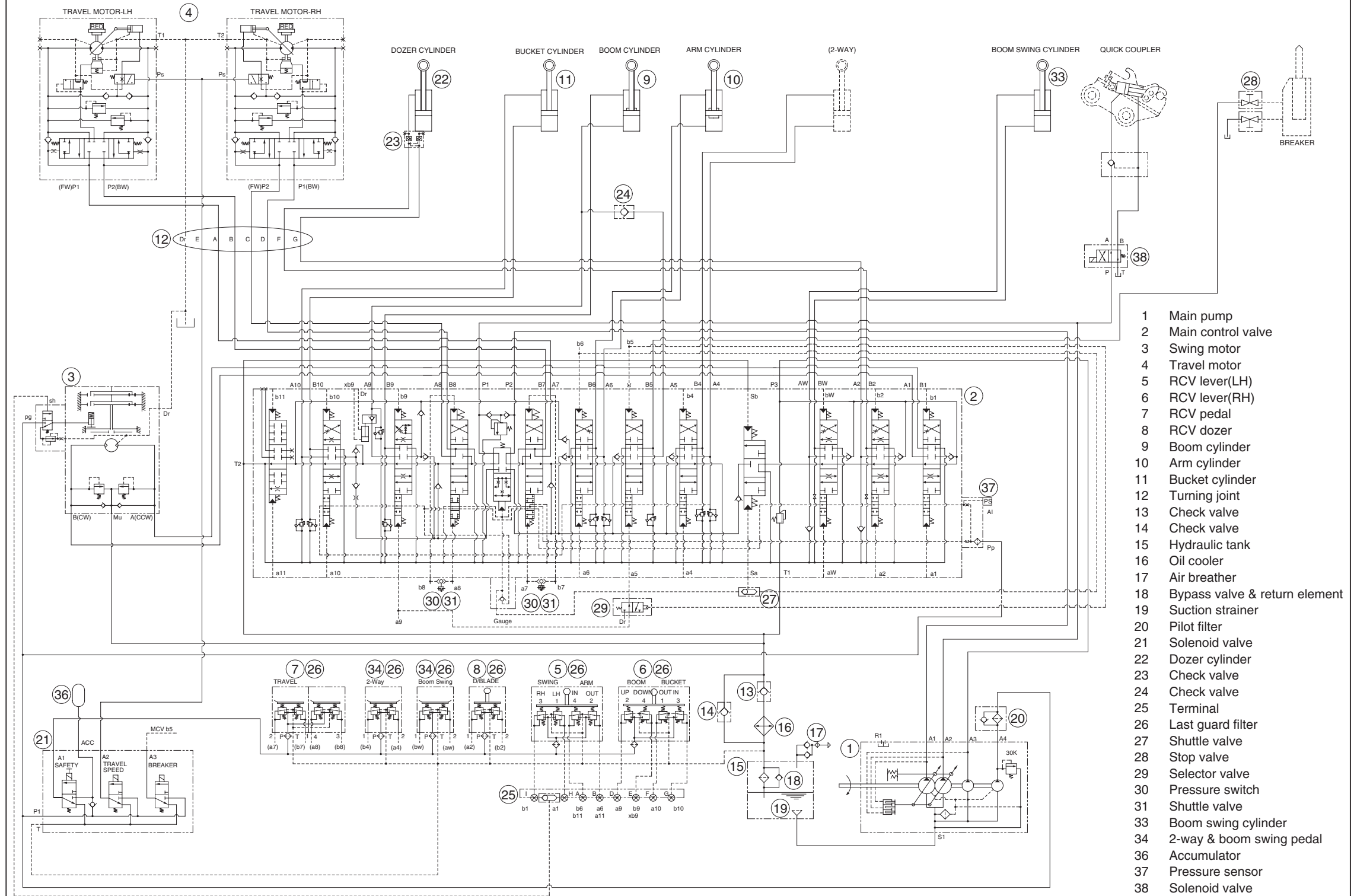


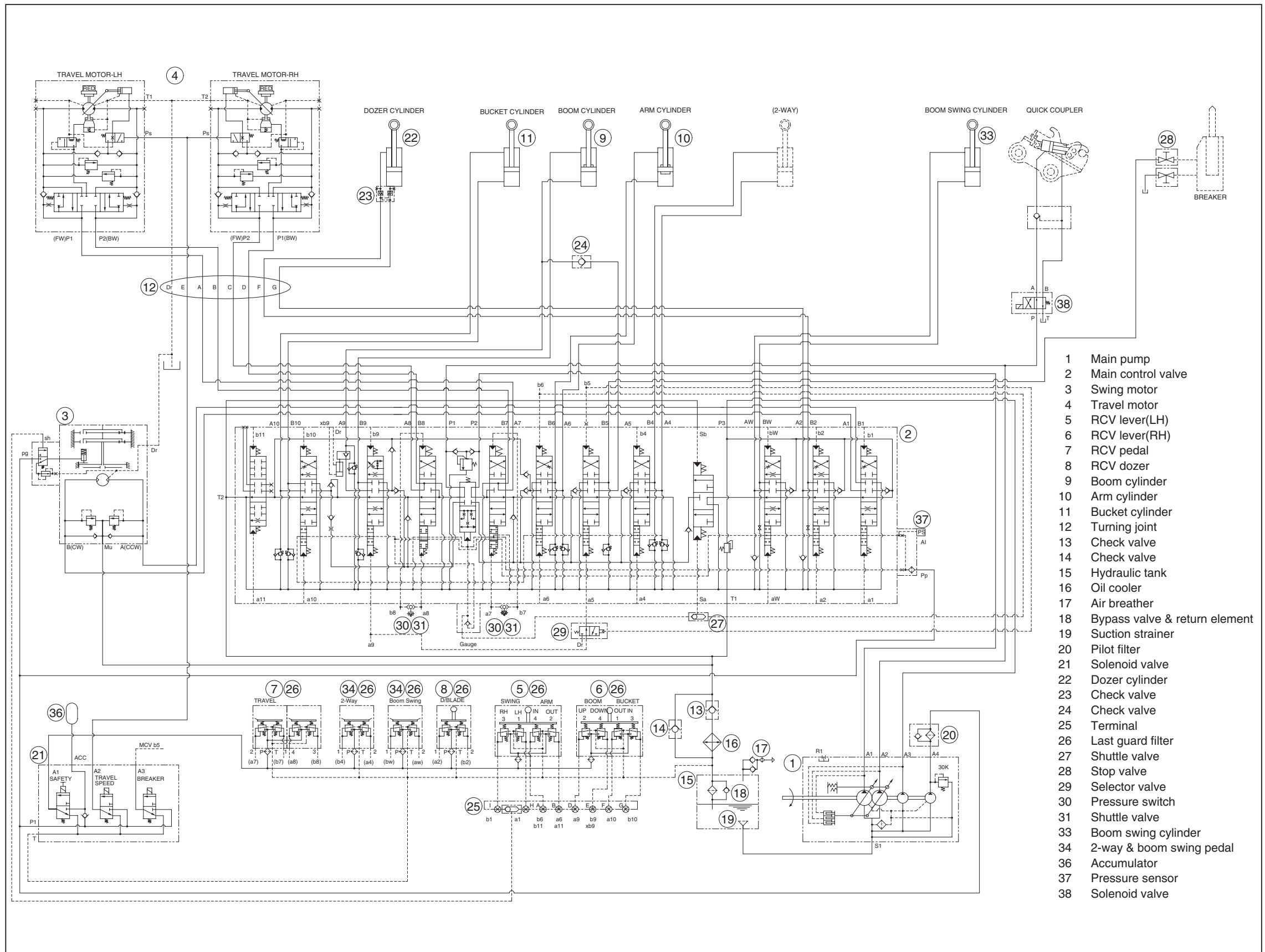


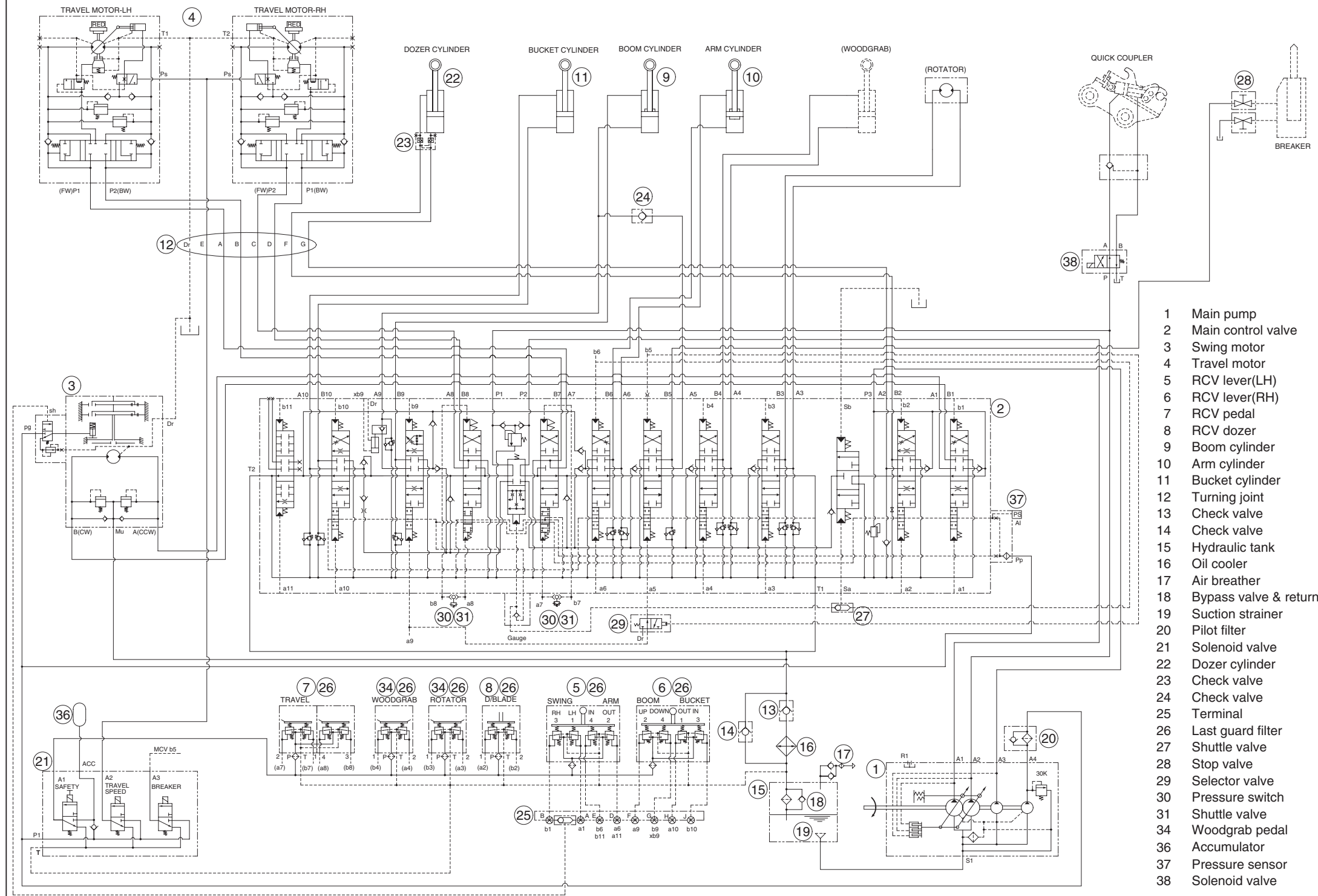


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 RCV dozer
- 9 Boom cylinder
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic & fuel tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve & return element
- 19 Suction strainer
- 20 Pilot filter
- 21 Solenoid valve
- 22 Dozer cylinder
- 23 Check valve
- 24 Check valve
- 25 Terminal
- 26 Last guard filter
- 27 Shuttle valve
- 28 Stop valve
- 29 Selector valve
- 30 Pressure switch
- 31 Shuttle valve
- 32 Selector valve(Optional)
- 33 Boom swing cylinder(Optional)
- 34 Woodgrab pedal(Optional)
- 35 Variable orifice(Optional)
- 36 Accumulator(Optional)
- 37 Pressure sensor
- 38 Solenoid valve(Optional)



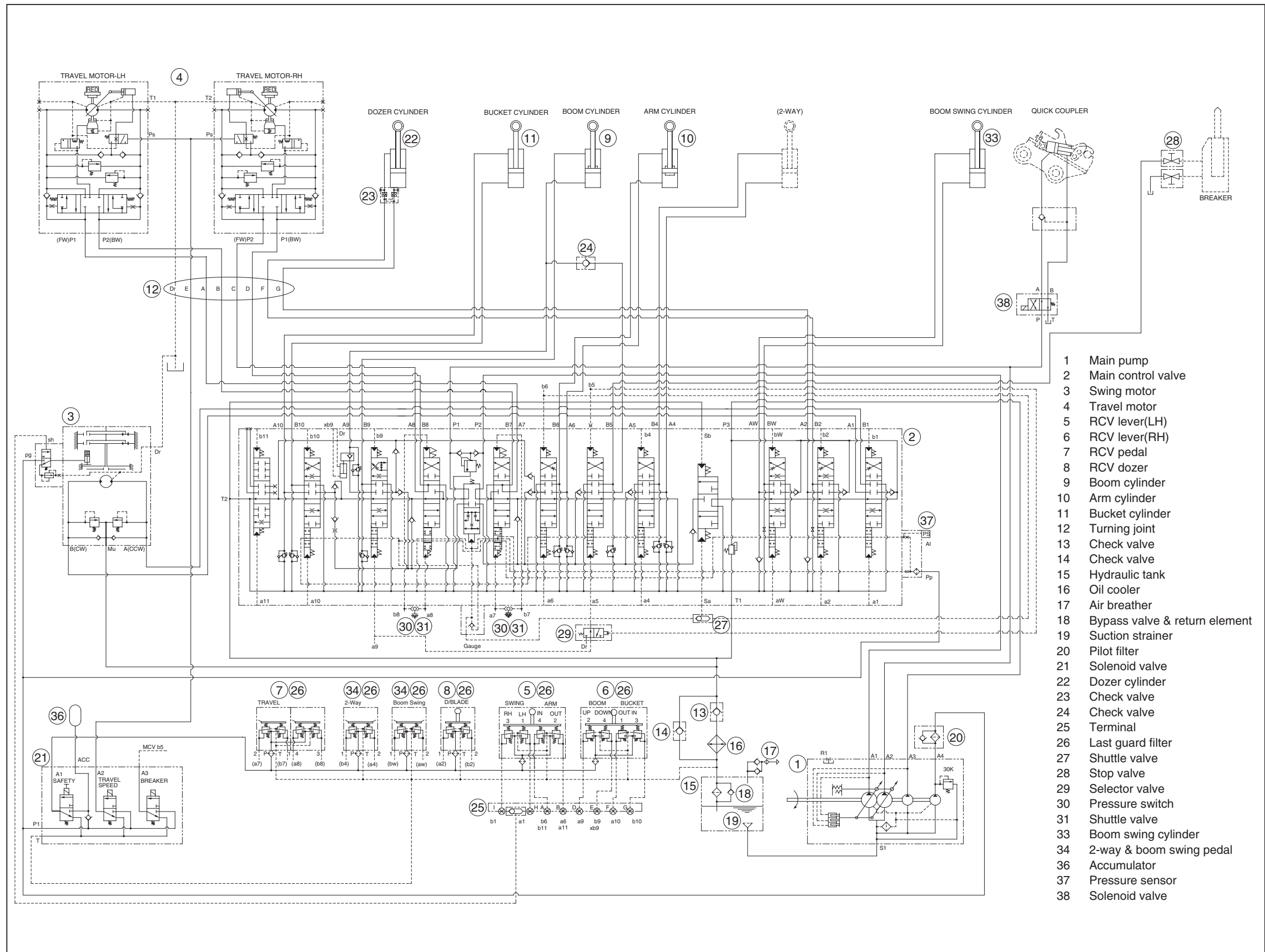


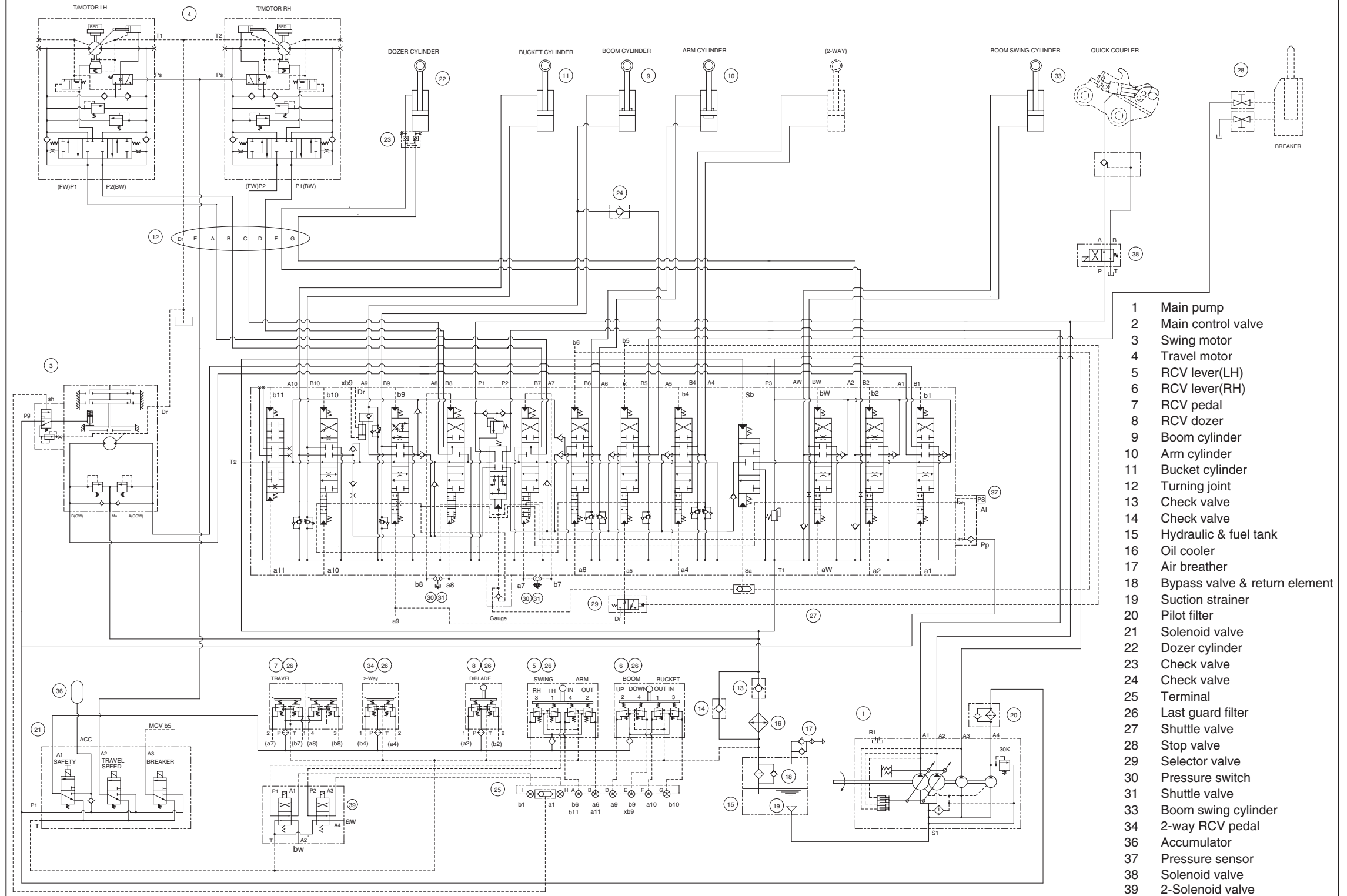


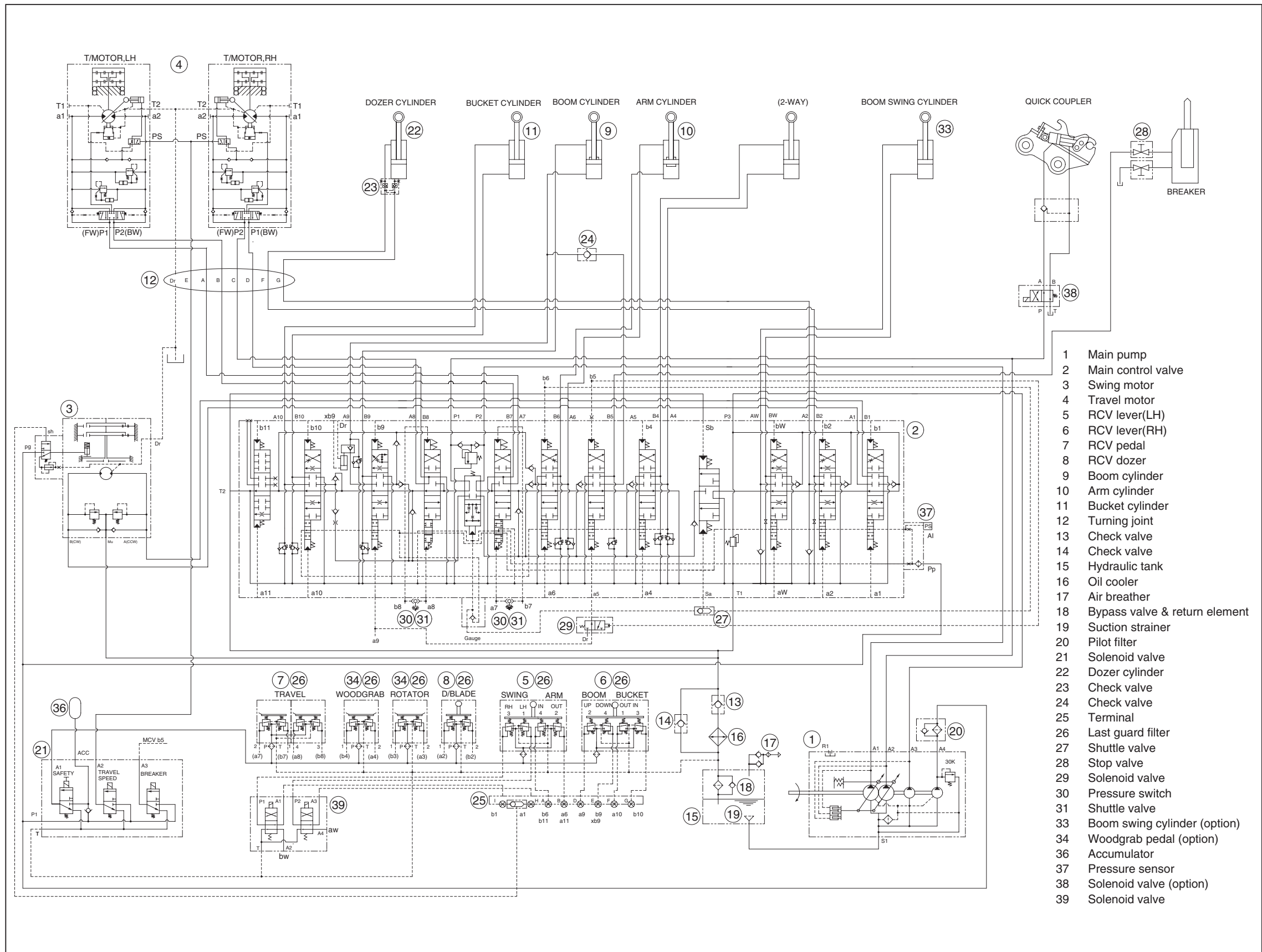


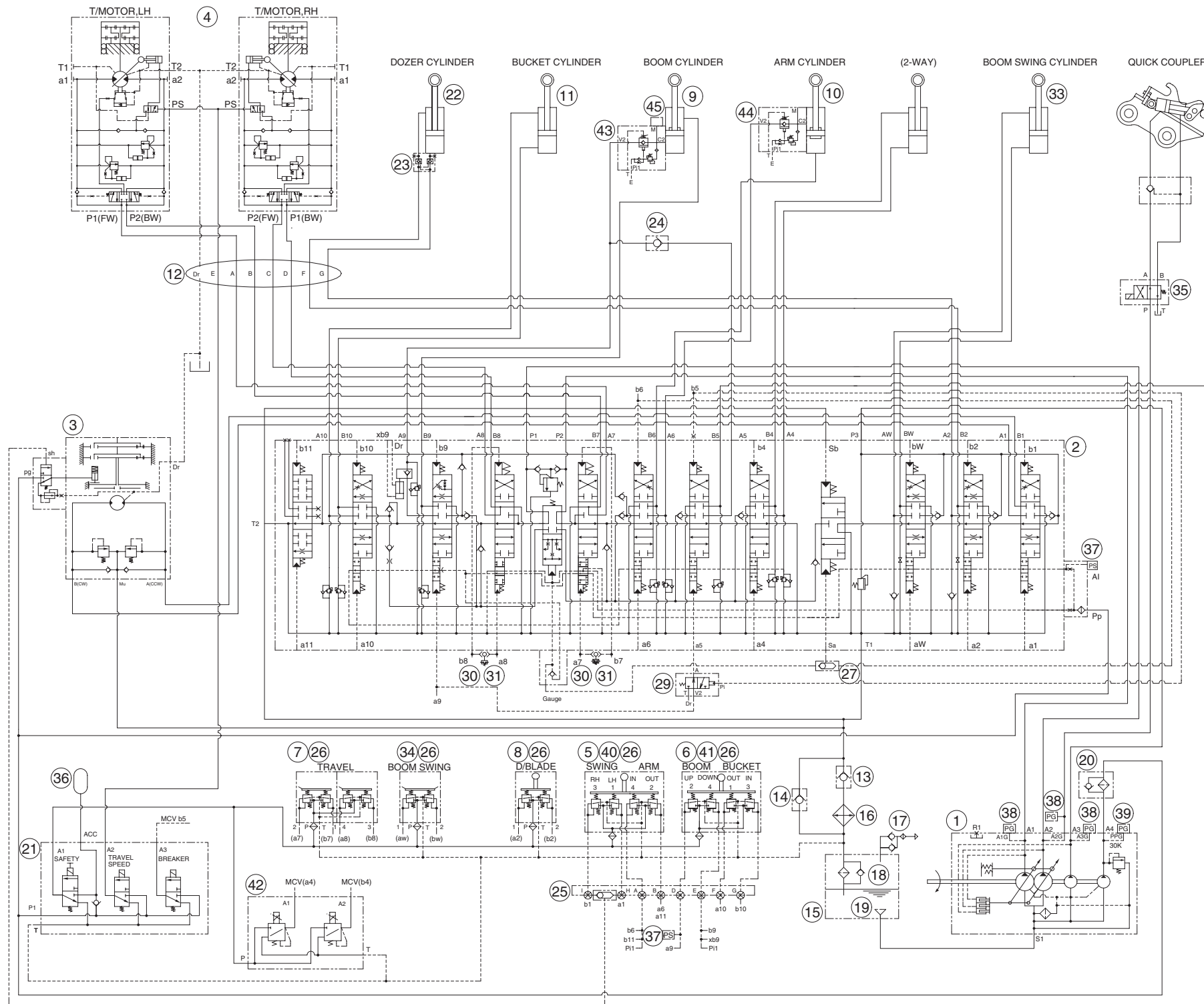
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 RCV dozer
- 9 Boom cylinder
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve & return element
- 19 Suction strainer
- 20 Pilot filter
- 21 Solenoid valve
- 22 Dozer cylinder
- 23 Check valve
- 24 Check valve
- 25 Terminal
- 26 Last guard filter
- 27 Shuttle valve
- 28 Stop valve
- 29 Selector valve
- 30 Pressure switch
- 31 Shuttle valve
- 34 Woodgrab pedal
- 36 Accumulator
- 37 Pressure sensor
- 38 Solenoid valve

■ R60-9S(#0001~, boom swing, 2-way)

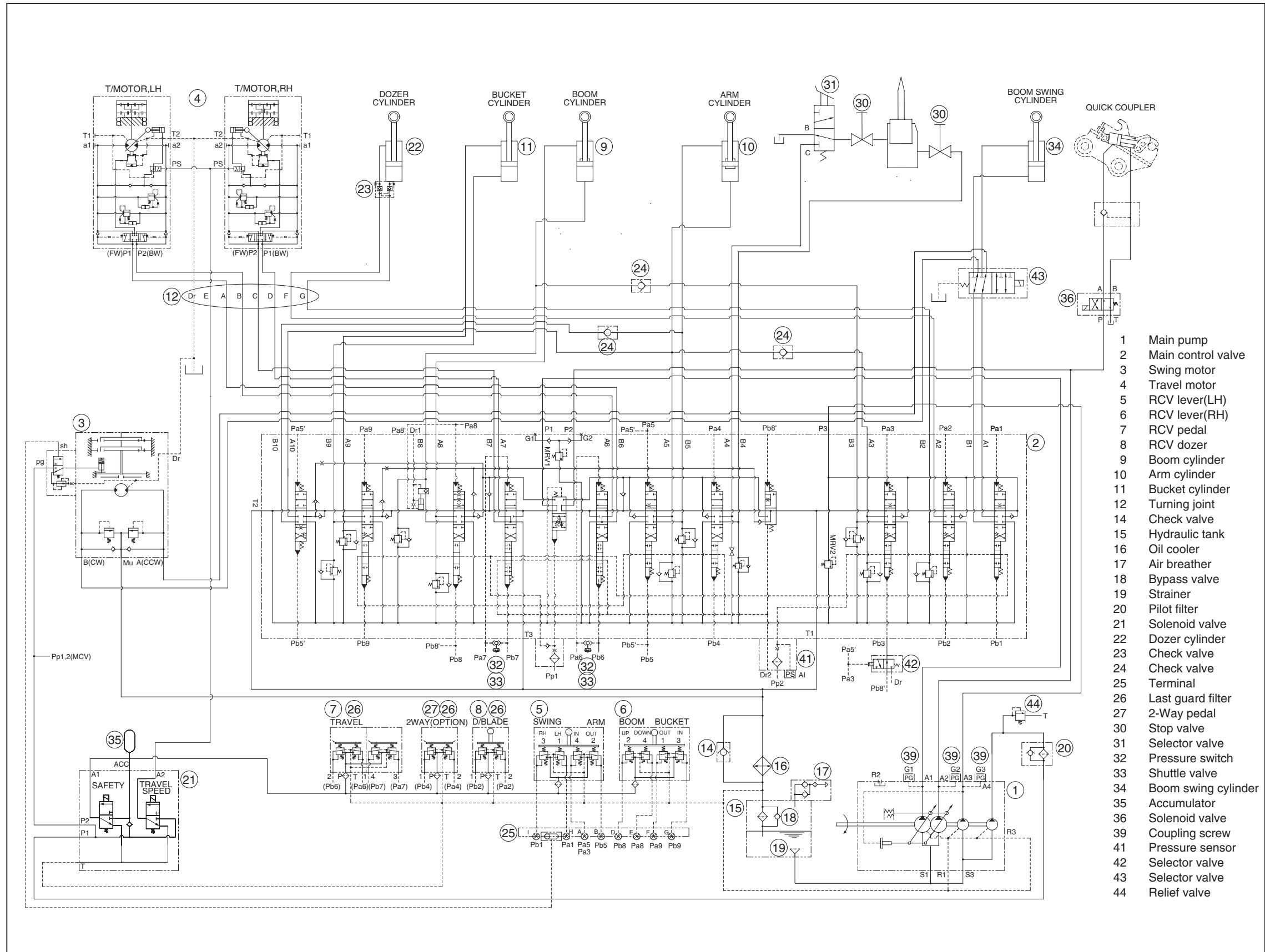




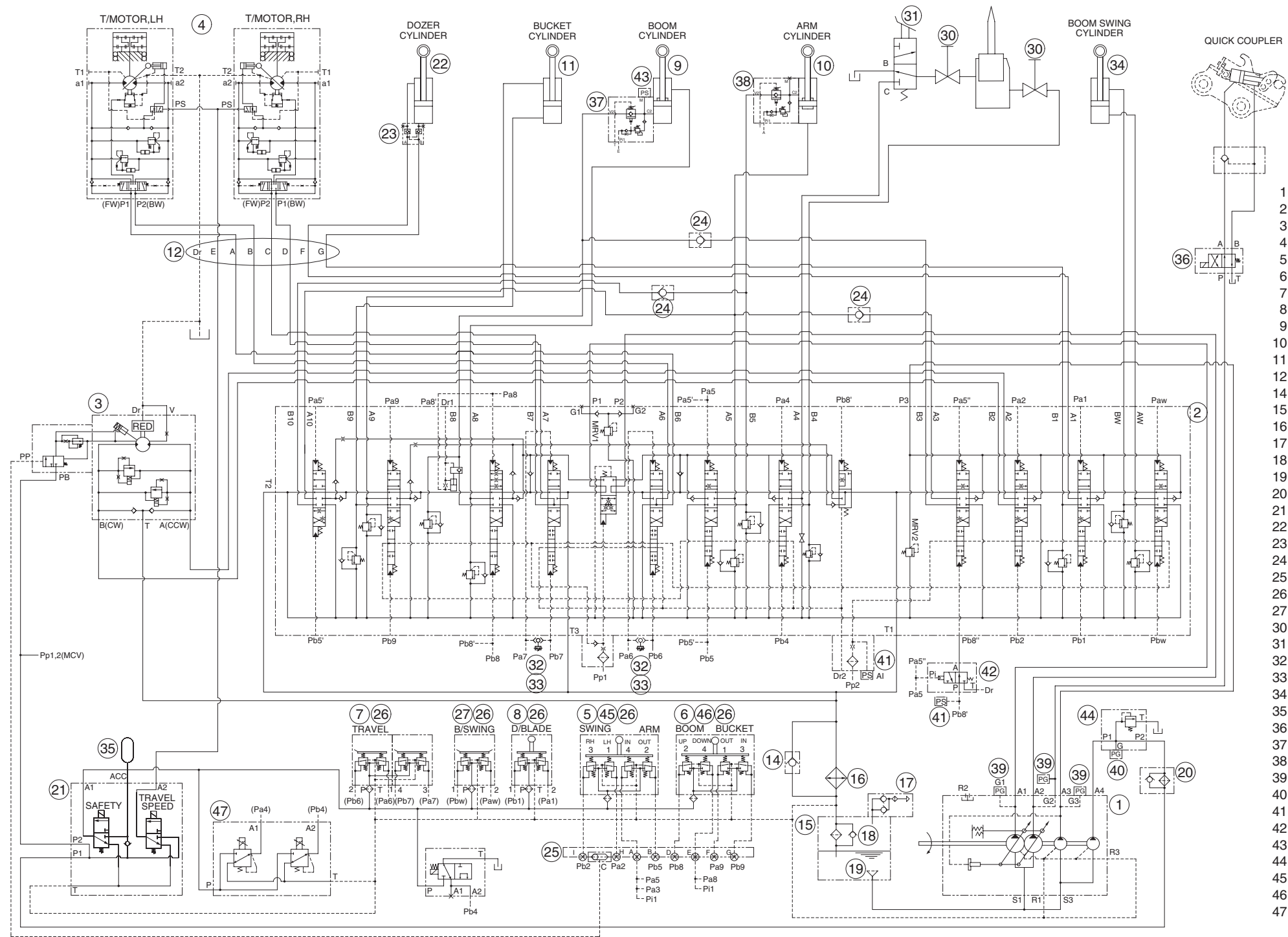




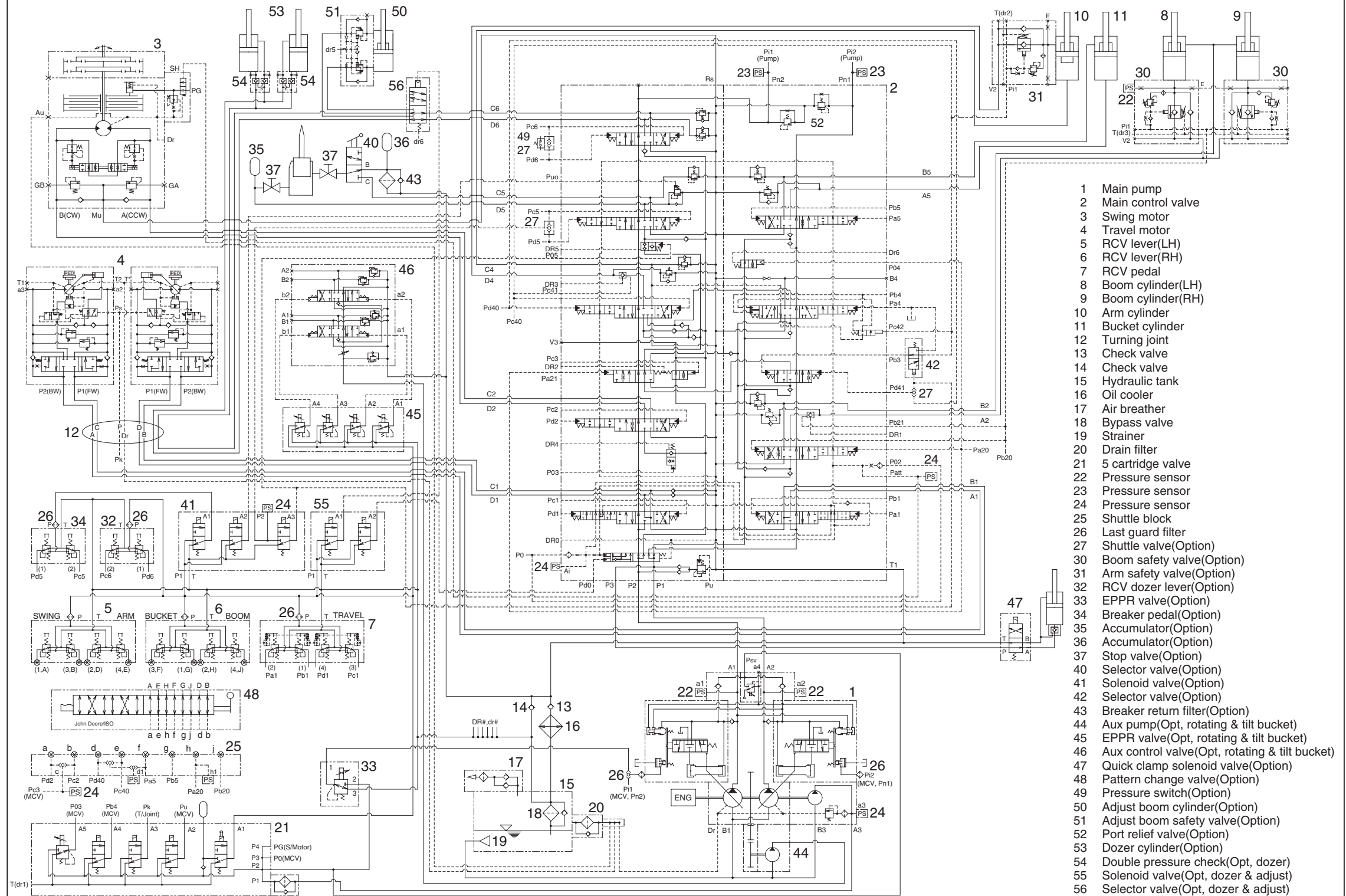
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 RCV dozer
- 9 Boom cylinder
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve & return element
- 19 Suction strainer
- 20 Pilot filter
- 21 Solenoid valve
- 22 Dozer cylinder
- 23 Check valve
- 24 Check valve
- 25 Terminal
- 26 Last guard filter
- 27 Shuttle valve
- 28 Stop valve
- 29 Selector valve
- 30 Pressure switch
- 31 Shuttle valve
- 33 Boom swing cylinder
- 34 Boom swing pedal
- 35 Solenoid valve
- 36 Accumulator
- 37 Pressure sensor
- 38 Coupling screw
- 39 Coupling screw
- 40 RCV lever(LH, Option)
- 41 RCV lever(RH, Option)
- 42 2-EPPR valve(Optional)
- 43 Safety lock valve(Optional)
- 44 Safety lock valve(Optional)
- 45 Pressure sensor



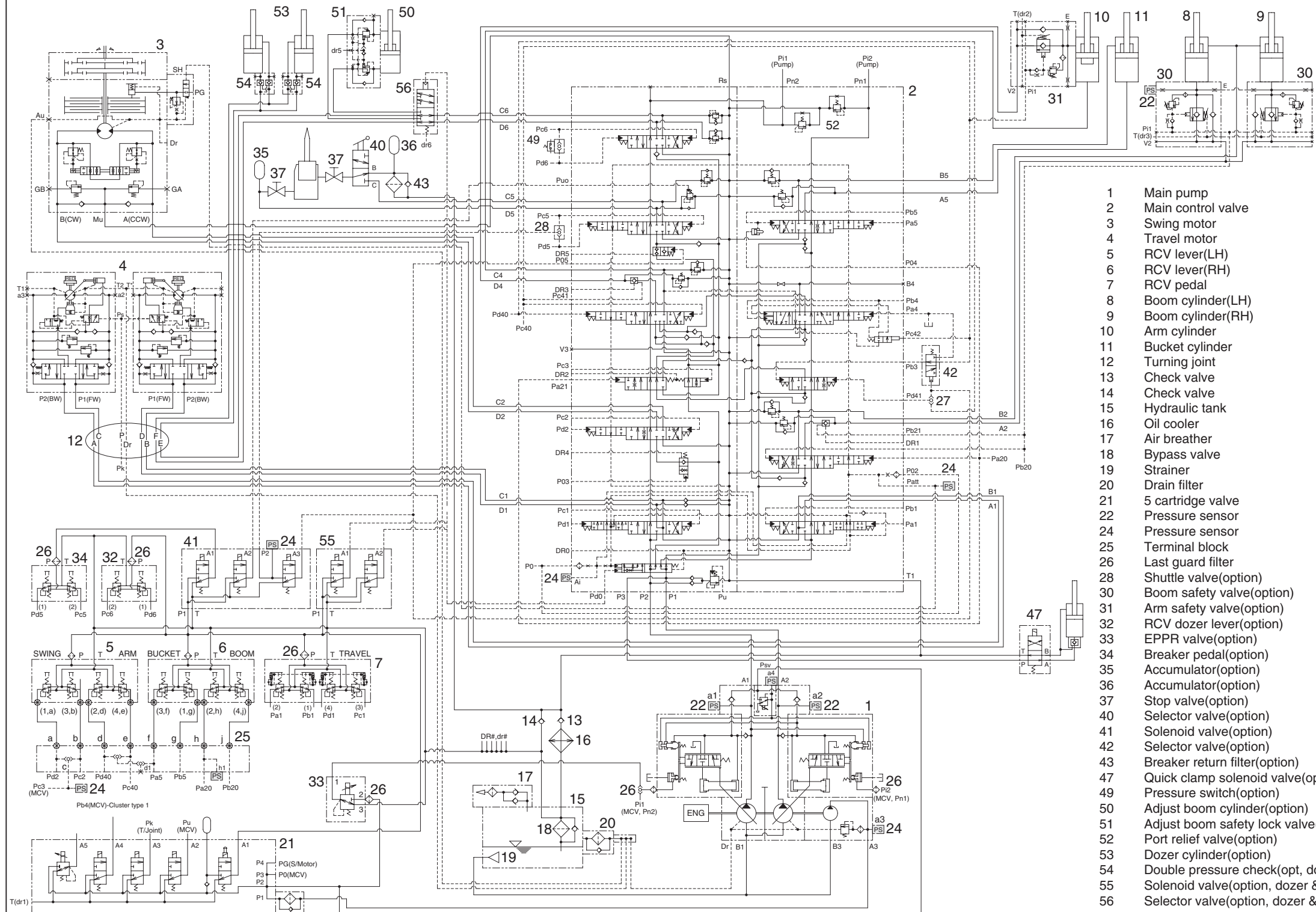
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 RCV dozer
- 9 Boom cylinder
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Pilot filter
- 21 Solenoid valve
- 22 Dozer cylinder
- 23 Check valve
- 24 Check valve
- 25 Terminal
- 26 Last guard filter
- 27 2-Way pedal
- 30 Stop valve
- 31 Selector valve
- 32 Pressure switch
- 33 Shuttle valve
- 34 Boom swing cylinder
- 35 Accumulator
- 36 Solenoid valve
- 39 Coupling screw
- 41 Pressure sensor
- 42 Selector valve
- 43 Selector valve
- 44 Relief valve



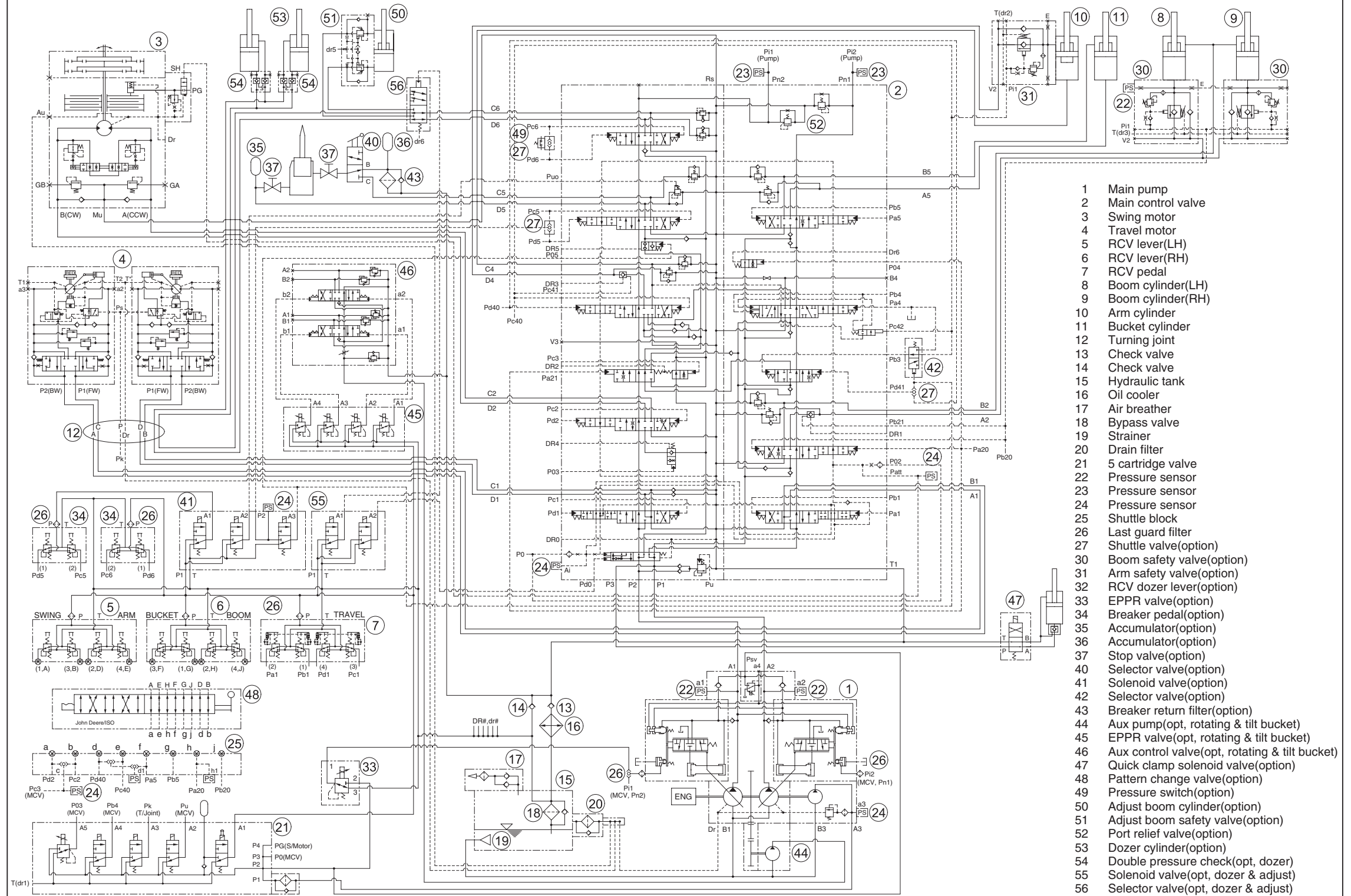
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 RCV dozer
- 9 Boom cylinder
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Pilot filter
- 21 Solenoid valve
- 22 Dozer cylinder
- 23 Check valve
- 24 Check valve
- 25 Terminal
- 26 Last guard filter
- 27 Boom swing pedal
- 30 Stop valve
- 31 Selector valve
- 32 Pressure switch
- 33 Shuttle valve
- 34 Boom swing cylinder
- 35 Accumulator
- 36 Solenoid valve
- 37 Safety lock valve
- 38 Safety lock valve
- 39 Coupling screw
- 40 Coupling screw
- 41 Pressure sensor
- 42 Selector valve
- 43 Pressure sensor
- 44 Relief valve
- 45 RCV lever(LH, Option)
- 46 RCV lever(RH, Option)
- 47 2-EPPR valve(Optional)

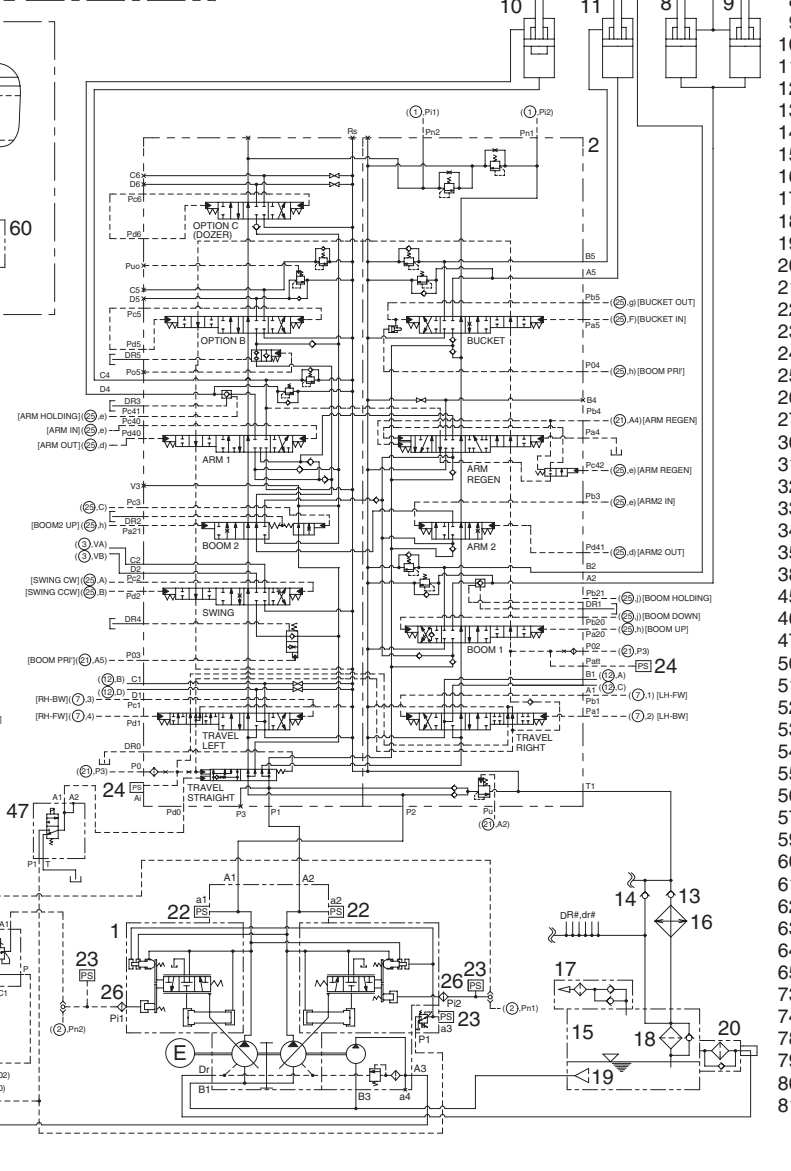
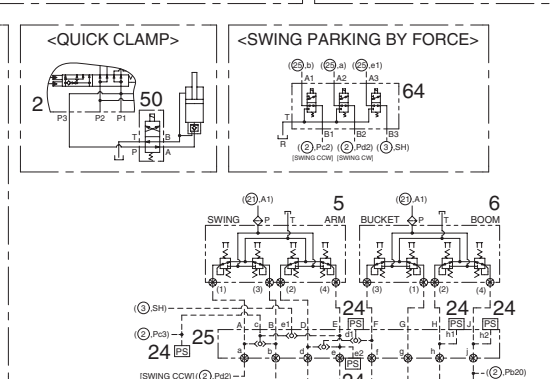
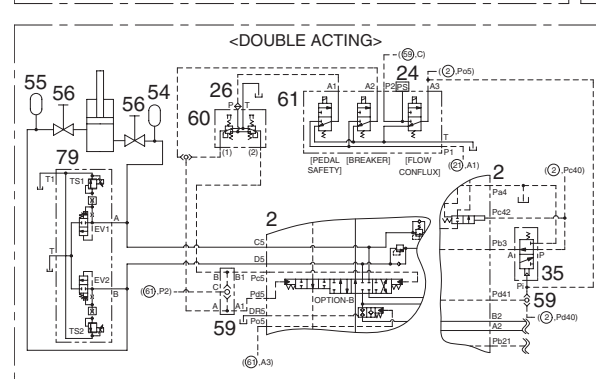
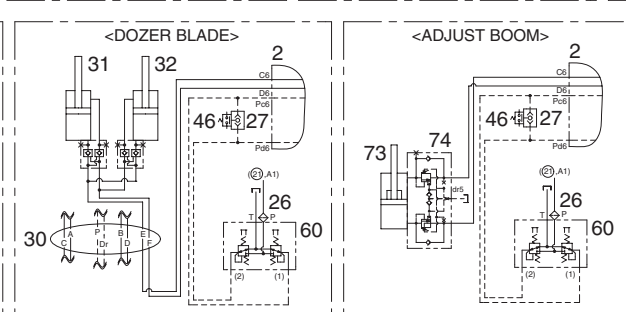
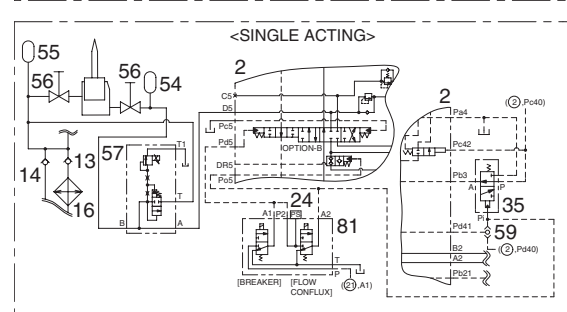
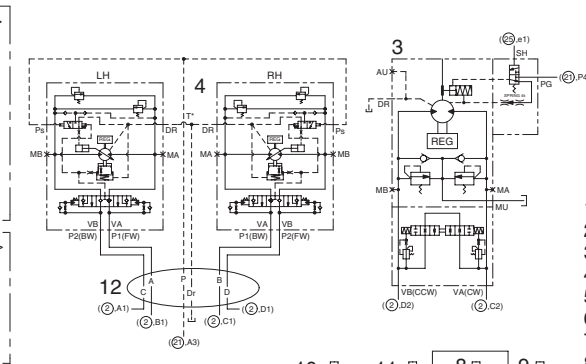
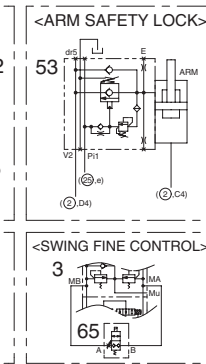
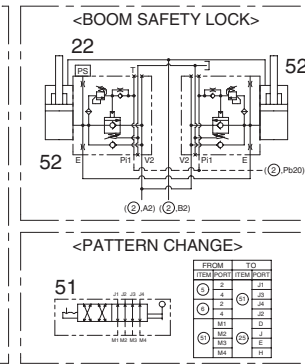
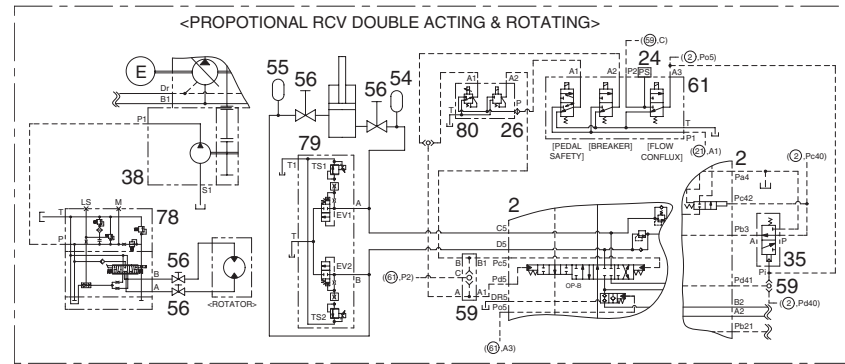


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 5 cartridge valve
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Shuttle valve(Optional)
- 30 Boom safety valve(Optional)
- 31 Arm safety valve(Optional)
- 32 RCV dozer lever(Optional)
- 33 EPPR valve(Optional)
- 34 Breaker pedal(Optional)
- 35 Accumulator(Optional)
- 36 Accumulator(Optional)
- 37 Stop valve(Optional)
- 40 Selector valve(Optional)
- 41 Solenoid valve(Optional)
- 42 Selector valve(Optional)
- 43 Breaker return filter(Optional)
- 44 Aux pump(Optional, rotating & tilt bucket)
- 45 EPPR valve(Optional, rotating & tilt bucket)
- 46 Aux control valve(Optional, rotating & tilt bucket)
- 47 Quick clamp solenoid valve(Optional)
- 48 Pattern change valve(Optional)
- 49 Pressure switch(Optional)
- 50 Adjust boom cylinder(Optional)
- 51 Adjust boom safety valve(Optional)
- 52 Port relief valve(Optional)
- 53 Dozer cylinder(Optional)
- 54 Double pressure check(Optional, dozer)
- 55 Solenoid valve(Optional, dozer & adjust)
- 56 Selector valve(Optional, dozer & adjust)

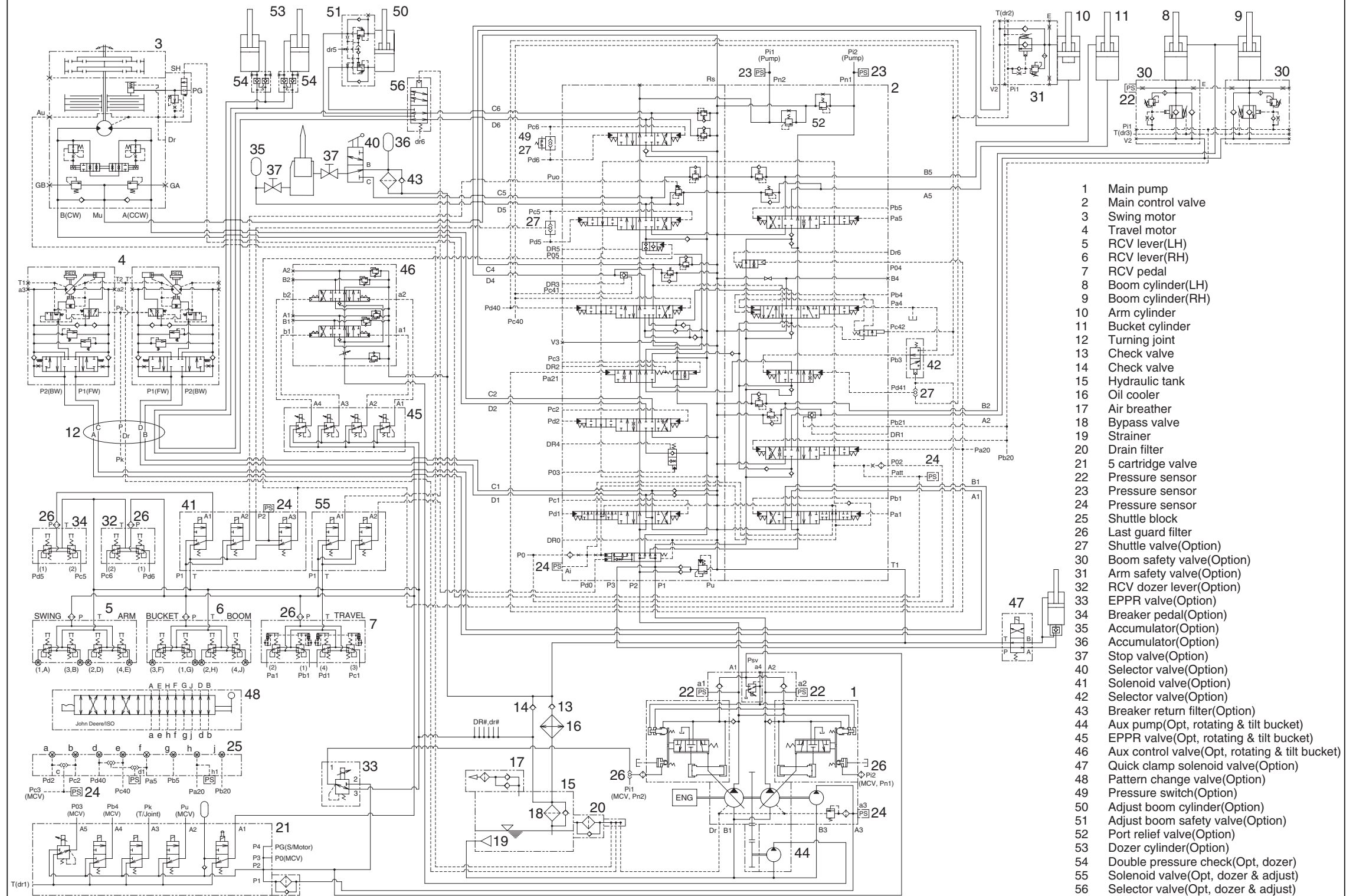


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 5 cartridge valve
- 22 Pressure sensor
- 24 Pressure sensor
- 25 Terminal block
- 26 Last guard filter
- 28 Shuttle valve(option)
- 30 Boom safety valve(option)
- 31 Arm safety valve(option)
- 32 RCV dozer lever(option)
- 33 EPPR valve(option)
- 34 Breaker pedal(option)
- 35 Accumulator(option)
- 36 Accumulator(option)
- 37 Stop valve(option)
- 40 Selector valve(option)
- 41 Solenoid valve(option)
- 42 Selector valve(option)
- 43 Breaker return filter(option)
- 47 Quick clamp solenoid valve(option)
- 49 Pressure switch(option)
- 50 Adjust boom cylinder(option)
- 51 Adjust boom safety lock valve(option)
- 52 Port relief valve(option)
- 53 Dozer cylinder(option)
- 54 Double pressure check(opt, dozer)
- 55 Solenoid valve(option, dozer & adjust)
- 56 Selector valve(option, dozer & adjust)

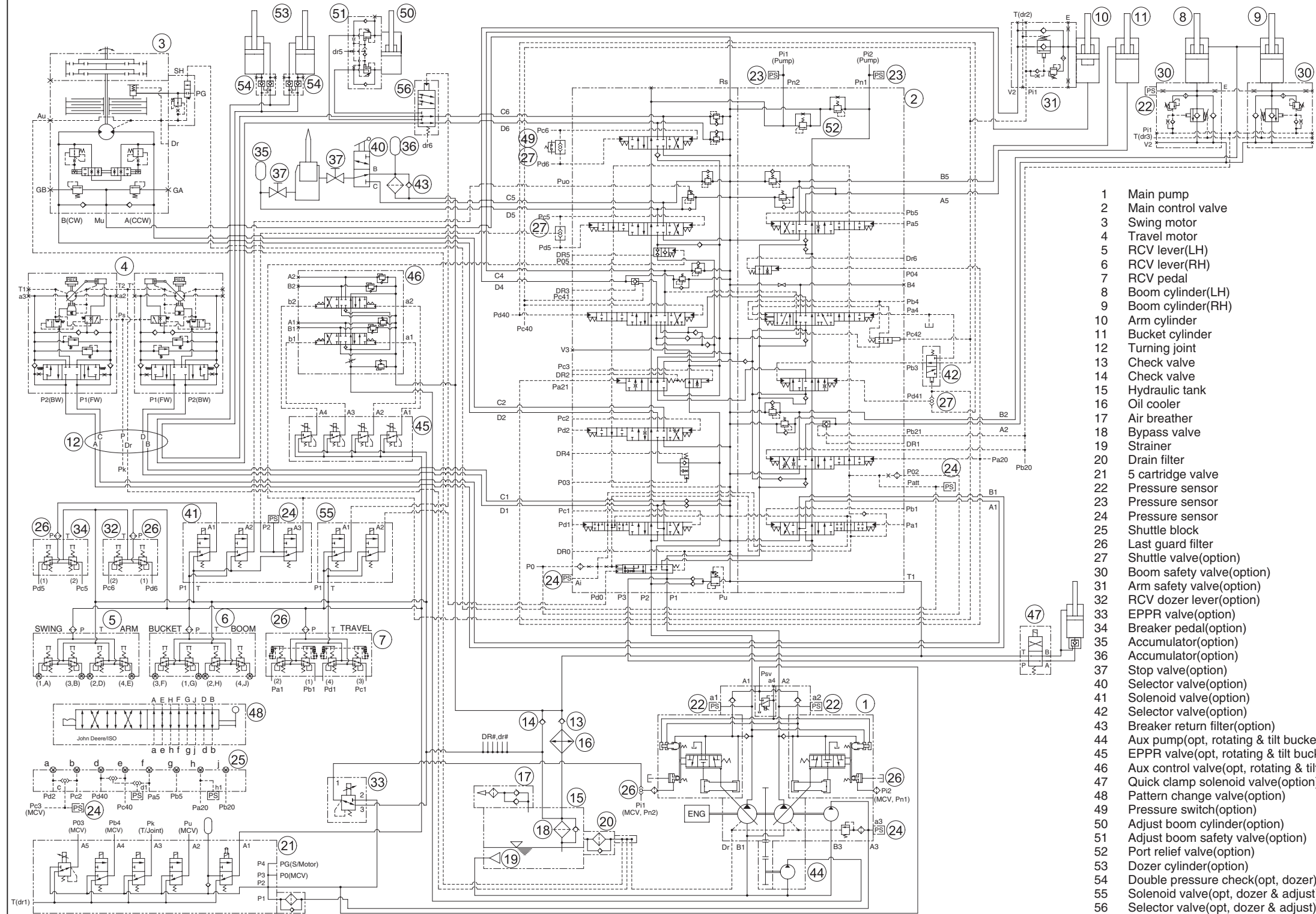




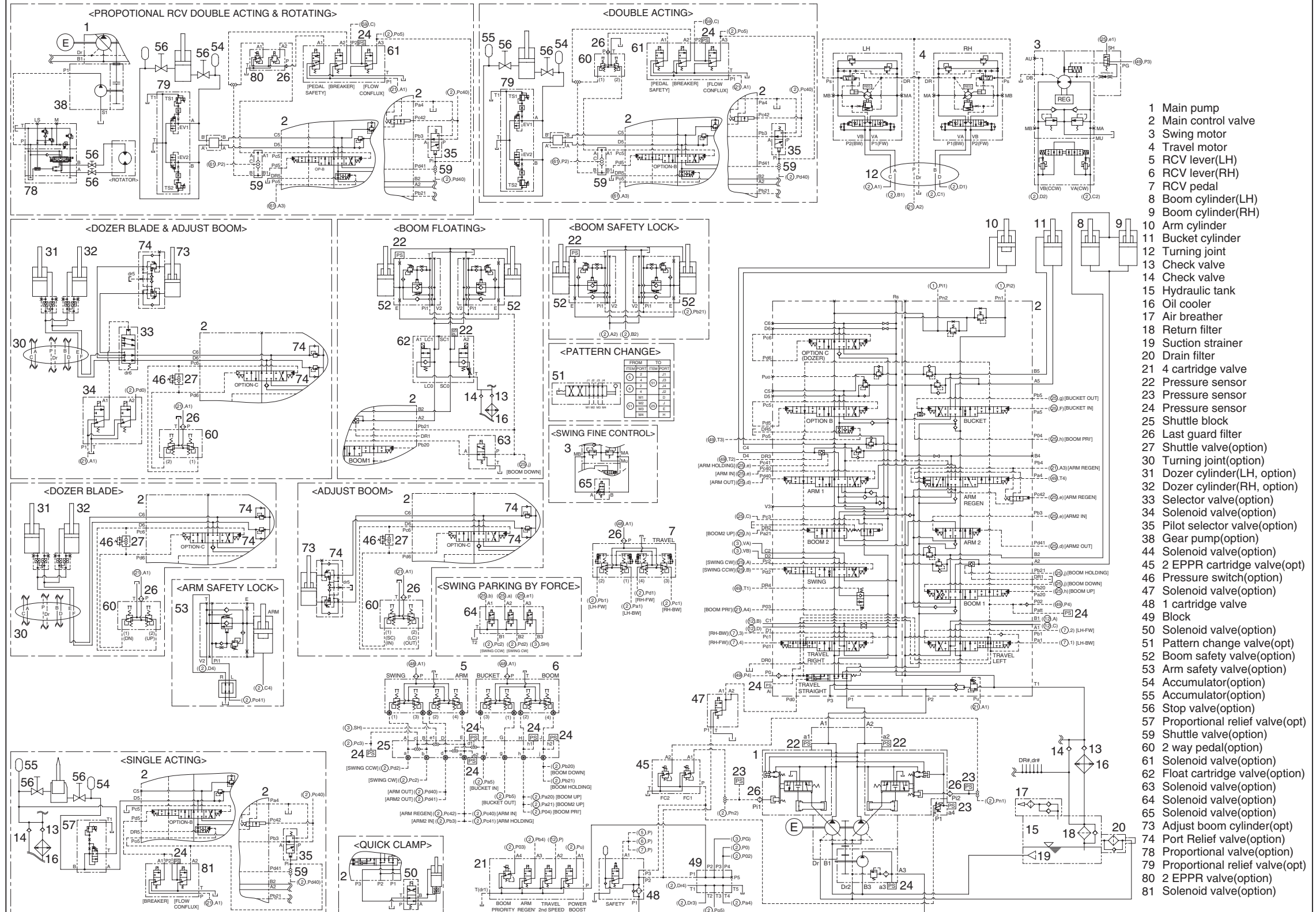
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Return filter
- 19 Strainer
- 20 Drain filter
- 21 5 cartridge valve
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Shuttle valve(option)
- 30 Turning joint(option)
- 31 Dozer cylinder(LH, option)
- 32 Dozer cylinder(RH, option)
- 33 Selector valve(option)
- 34 Solenoid valve(option)
- 35 Pilot selector valve(option)
- 38 Fan drive pump(option)
- 45 2 EPPR cartridge v/v(opt)
- 46 Pressure switch(option)
- 47 Solenoid valve(option)
- 50 Solenoid valve(option)
- 51 Pattern change valve(opt)
- 52 Boom safety valve(option)
- 53 Arm safety valve(option)
- 54 Accumulator(option)
- 55 Accumulator(option)
- 56 Stop valve(option)
- 57 Proportional relief v/v(opt)
- 59 Shuttle valve(option)
- 60 2 way pedal(option)
- 61 Solenoid valve(option)
- 62 Float cartridge valve(opt)
- 63 Solenoid valve(option)
- 64 Solenoid valve(option)
- 65 Solenoid valve(option)
- 73 Adjust boom cylinder(opt)
- 74 Adjust boom safety v/v(opt)
- 78 Proportional valve(option)
- 79 Proportional relief v/v(opt)
- 80 2 EPPR valve(option)
- 81 Solenoid valve(option)

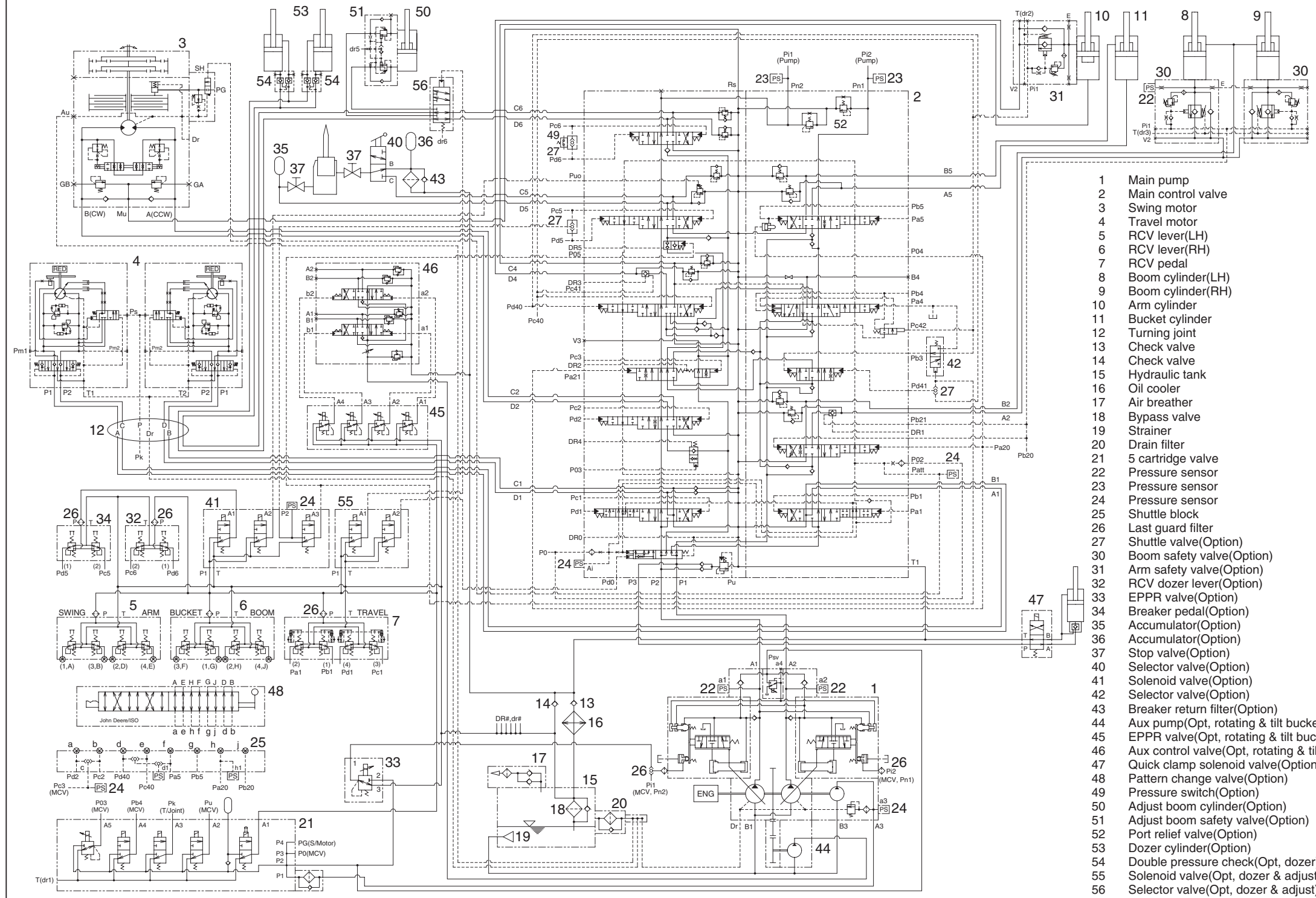


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 5 cartridge valve
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Shuttle valve(Optional)
- 30 Boom safety valve(Optional)
- 31 Arm safety valve(Optional)
- 32 RCV dozer lever(Optional)
- 33 EPPR valve(Optional)
- 34 Breaker pedal(Optional)
- 35 Accumulator(Optional)
- 36 Accumulator(Optional)
- 37 Stop valve(Optional)
- 40 Selector valve(Optional)
- 41 Solenoid valve(Optional)
- 42 Selector valve(Optional)
- 43 Breaker return filter(Optional)
- 44 Aux pump(Optional, rotating & tilt bucket)
- 45 EPPR valve(Optional, rotating & tilt bucket)
- 46 Aux control valve(Optional, rotating & tilt bucket)
- 47 Quick clamp solenoid valve(Optional)
- 48 Pattern change valve(Optional)
- 49 Pressure switch(Optional)
- 50 Adjust boom cylinder(Optional)
- 51 Adjust boom safety valve(Optional)
- 52 Port relief valve(Optional)
- 53 Dozer cylinder(Optional)
- 54 Double pressure check(Optional, dozer)
- 55 Solenoid valve(Optional, dozer & adjust)
- 56 Selector valve(Optional, dozer & adjust)

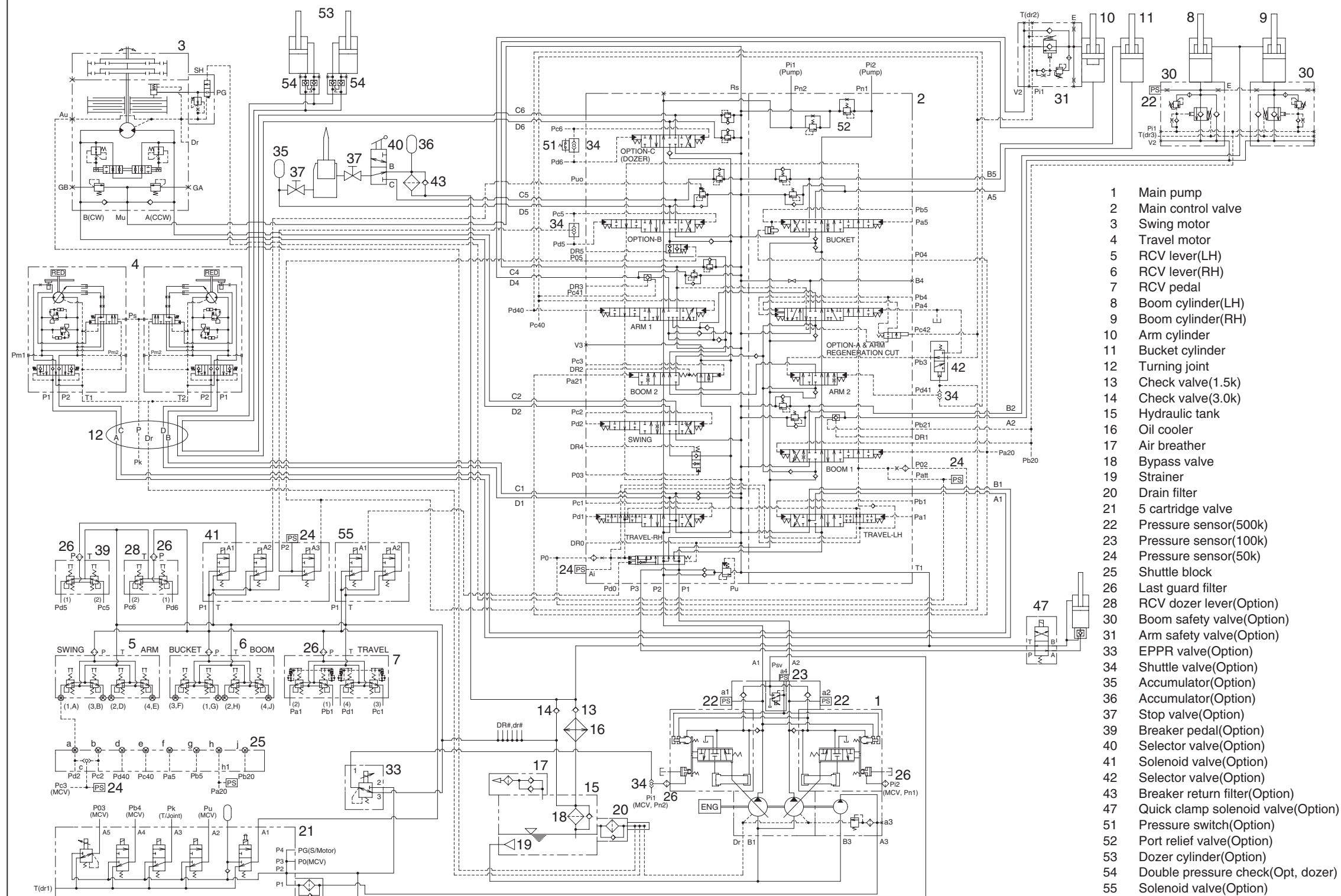


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 5 cartridge valve
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Shuttle valve(option)
- 30 Boom safety valve(option)
- 31 Arm safety valve(option)
- 32 RCV dozer lever(option)
- 33 EPPR valve(option)
- 34 Breaker pedal(option)
- 35 Accumulator(option)
- 36 Accumulator(option)
- 37 Stop valve(option)
- 40 Selector valve(option)
- 41 Solenoid valve(option)
- 42 Selector valve(option)
- 43 Breaker return filter(option)
- 44 Aux pump(opt, rotating & tilt bucket)
- 45 EPPR valve(opt, rotating & tilt bucket)
- 46 Aux control valve(opt, rotating & tilt bucket)
- 47 Quick clamp solenoid valve(option)
- 48 Pattern change valve(option)
- 49 Pressure switch(option)
- 50 Adjust boom cylinder(option)
- 51 Adjust boom safety valve(option)
- 52 Port relief valve(option)
- 53 Dozer cylinder(option)
- 54 Double pressure check(opt, dozer)
- 55 Solenoid valve(opt, dozer & adjust)
- 56 Selector valve(opt, dozer & adjust)

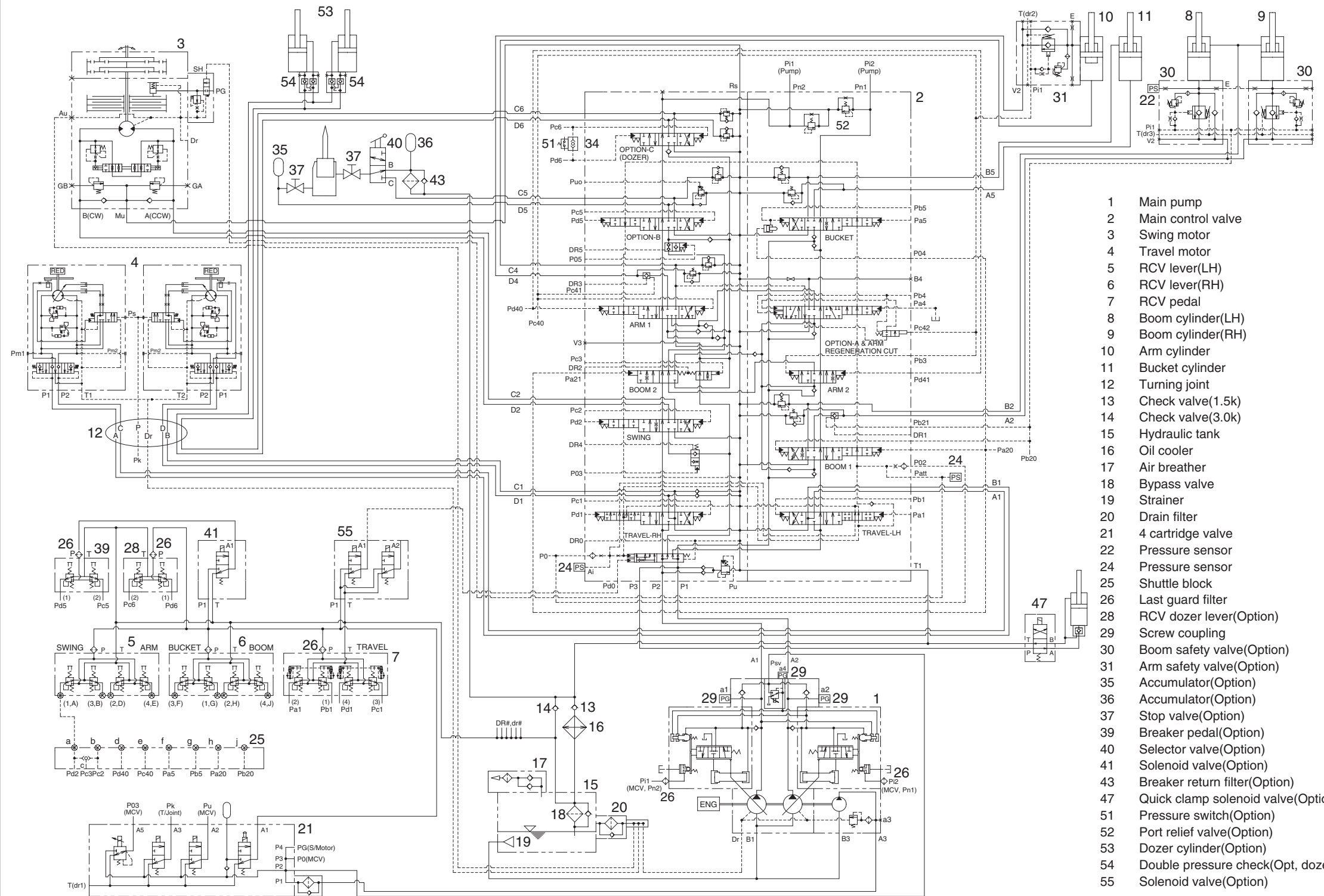




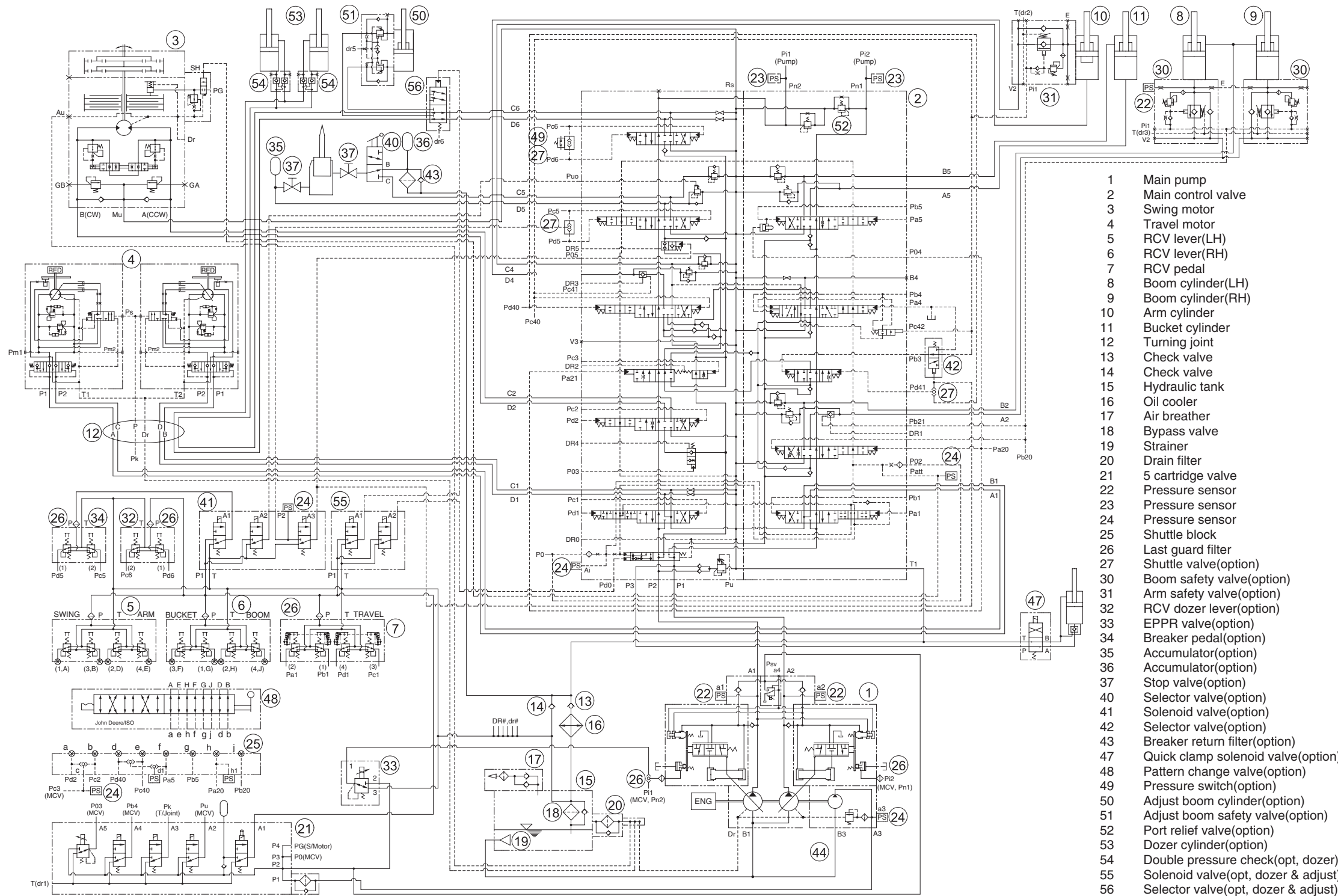
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 5 cartridge valve
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Shuttle valve(Optional)
- 30 Boom safety valve(Optional)
- 31 Arm safety valve(Optional)
- 32 RCV dozer lever(Optional)
- 33 EPPR valve(Optional)
- 34 Breaker pedal(Optional)
- 35 Accumulator(Optional)
- 36 Accumulator(Optional)
- 37 Stop valve(Optional)
- 40 Selector valve(Optional)
- 41 Solenoid valve(Optional)
- 42 Selector valve(Optional)
- 43 Breaker return filter(Optional)
- 44 Aux pump(Optional, rotating & tilt bucket)
- 45 EPPR valve(Optional, rotating & tilt bucket)
- 46 Aux control valve(Optional, rotating & tilt bucket)
- 47 Quick clamp solenoid valve(Optional)
- 48 Pattern change valve(Optional)
- 49 Pressure switch(Optional)
- 50 Adjust boom cylinder(Optional)
- 51 Adjust boom safety valve(Optional)
- 52 Port relief valve(Optional)
- 53 Dozer cylinder(Optional)
- 54 Double pressure check(Optional, dozer)
- 55 Solenoid valve(Optional, dozer & adjust)
- 56 Selector valve(Optional, dozer & adjust)

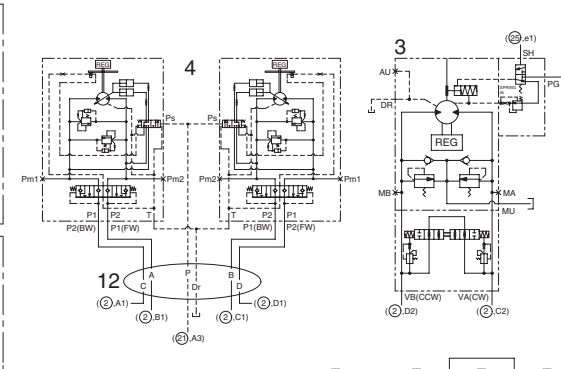
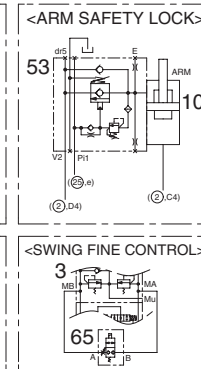
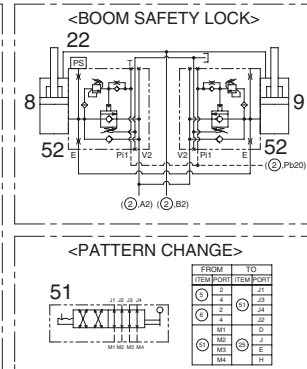
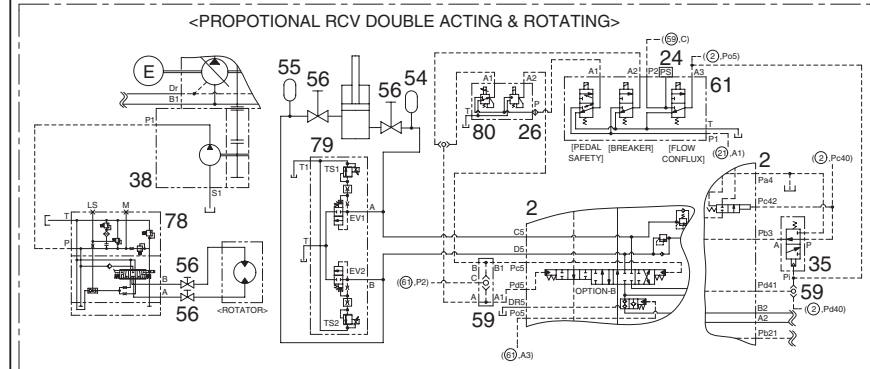


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve(1.5k)
- 14 Check valve(3.0k)
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 5 cartridge valve
- 22 Pressure sensor(500k)
- 23 Pressure sensor(100k)
- 24 Pressure sensor(50k)
- 25 Shuttle block
- 26 Last guard filter
- 28 RCV dozer lever(Optional)
- 30 Boom safety valve(Optional)
- 31 Arm safety valve(Optional)
- 33 EPPR valve(Optional)
- 34 Shuttle valve(Optional)
- 35 Accumulator(Optional)
- 36 Accumulator(Optional)
- 37 Stop valve(Optional)
- 39 Breaker pedal(Optional)
- 40 Selector valve(Optional)
- 41 Solenoid valve(Optional)
- 42 Selector valve(Optional)
- 43 Breaker return filter(Optional)
- 47 Quick clamp solenoid valve(Optional)
- 51 Pressure switch(Optional)
- 52 Port relief valve(Optional)
- 53 Dozer cylinder(Optional)
- 54 Double pressure check(Optional, dozer)
- 55 Solenoid valve(Optional)

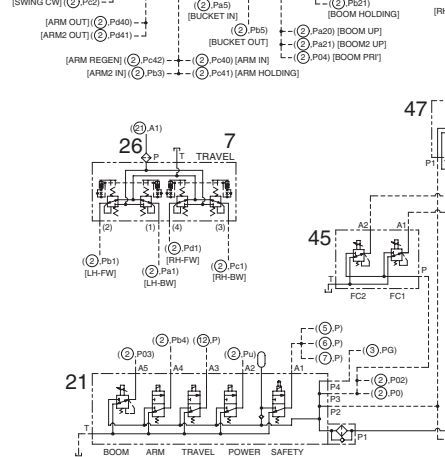
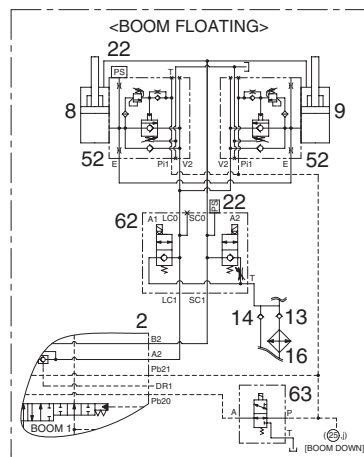
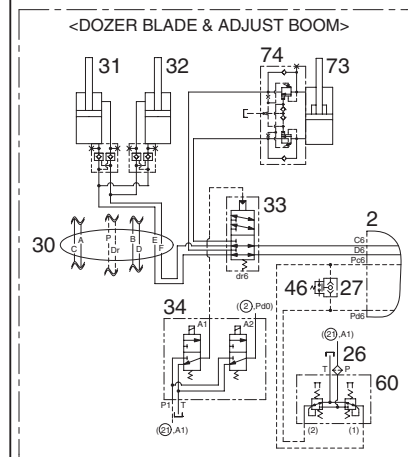
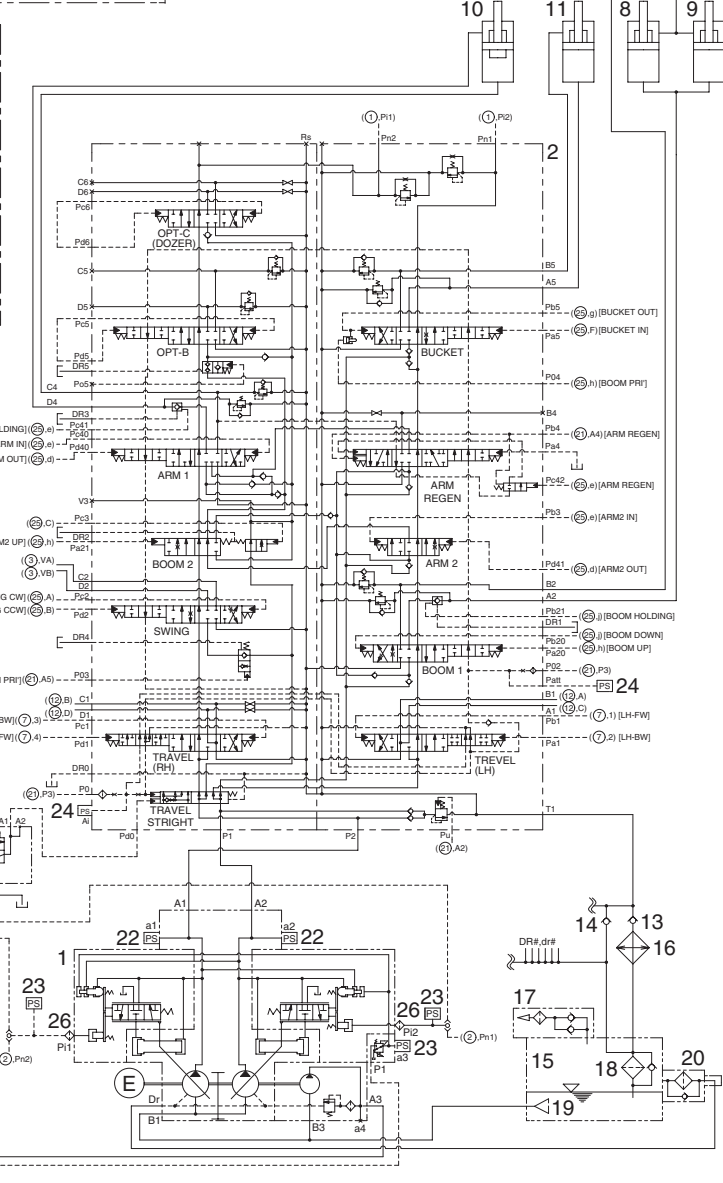
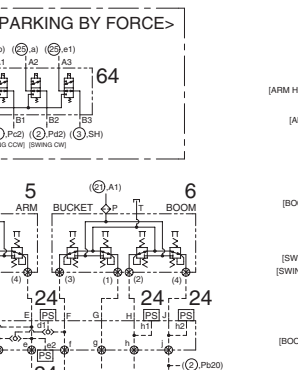
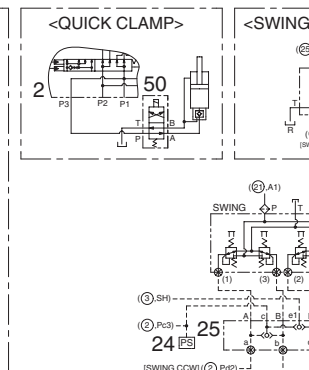
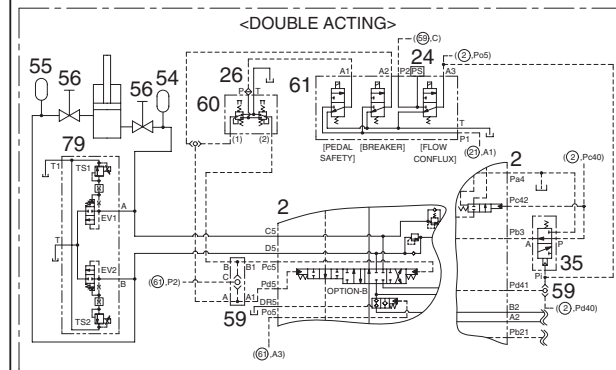
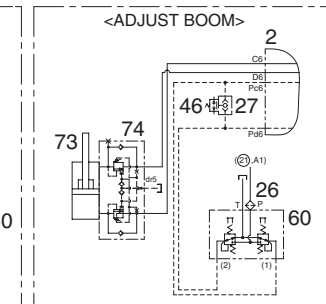
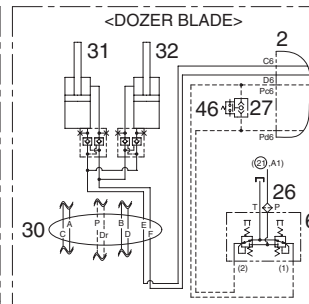
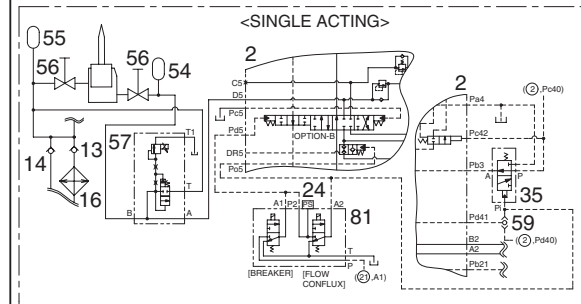


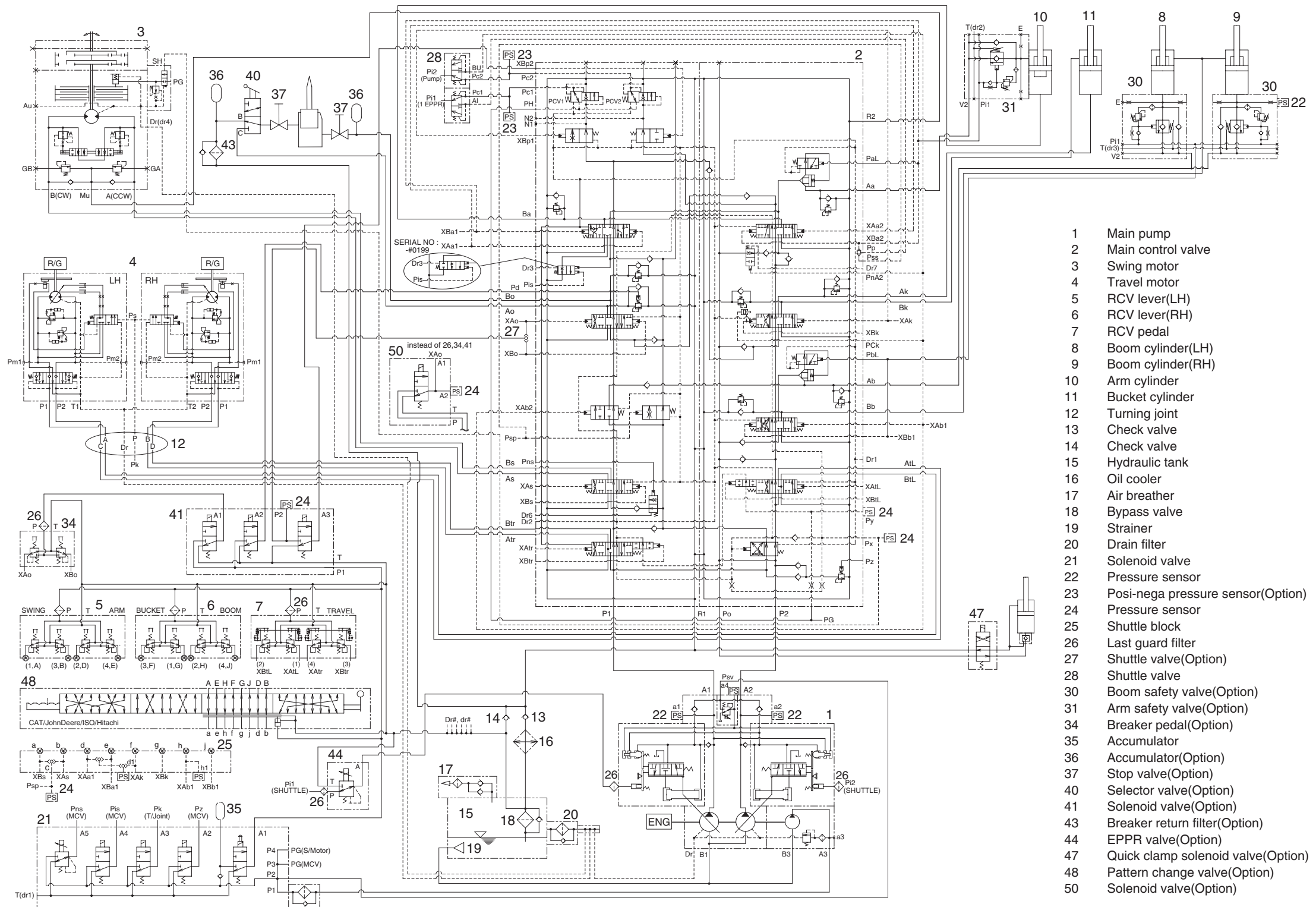
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve(1.5k)
- 14 Check valve(3.0k)
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 4 cartridge valve
- 22 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 28 RCV dozer lever(Optional)
- 29 Screw coupling
- 30 Boom safety valve(Optional)
- 31 Arm safety valve(Optional)
- 35 Accumulator(Optional)
- 36 Accumulator(Optional)
- 37 Stop valve(Optional)
- 39 Breaker pedal(Optional)
- 40 Selector valve(Optional)
- 41 Solenoid valve(Optional)
- 43 Breaker return filter(Optional)
- 47 Quick clamp solenoid valve(Optional)
- 51 Pressure switch(Optional)
- 52 Port relief valve(Optional)
- 53 Dozer cylinder(Optional)
- 54 Double pressure check(Optional, dozer)
- 55 Solenoid valve(Optional)



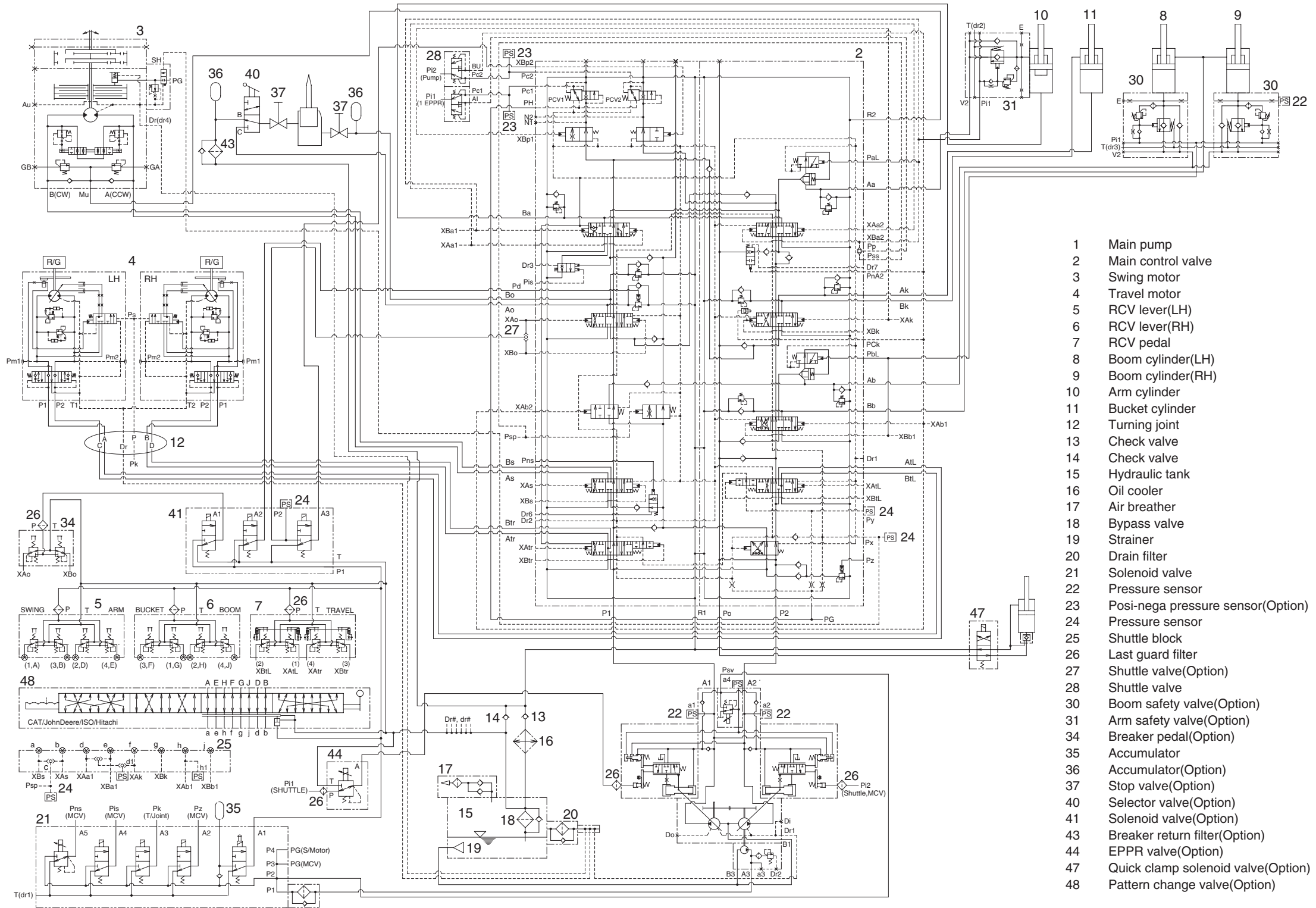


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Return filter
- 19 Suction strainer
- 20 Drain filter
- 21 5 cartridge valve
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Shuttle valve(option)
- 30 Turning joint(option)
- 31 Dozer cylinder(LH, option)
- 32 Dozer cylinder(RH, option)
- 33 Selector valve(option)
- 34 Solenoid valve(option)
- 35 Pilot selector valve(option)
- 38 Fan drive pump(option)
- 45 2 EPPR cartridge valve
- 46 Pressure switch(option)
- 47 Solenoid valve
- 50 Solenoid valve(option)
- 51 Pattern change valve(option)
- 52 Boom safety valve(option)
- 53 Arm safety valve(option)
- 54 Accumulator(option)
- 55 Accumulator(option)
- 56 Stop valve(option)
- 57 Proportional relief valve(opt)
- 59 Shuttle valve(option)
- 60 2 way pedal(option)
- 61 Solenoid valve(option)
- 62 Float cartridge valve(option)
- 63 Solenoid valve(option)
- 64 Solenoid valve(option)
- 65 Solenoid valve(option)
- 73 Adjust boom cylinder(option)
- 74 Adjust boom safety valve(opt)
- 78 Proportional valve(option)
- 79 Proportional relief valve(opt)
- 80 2 EPPR valve(option)
- 81 Solenoid valve(option)



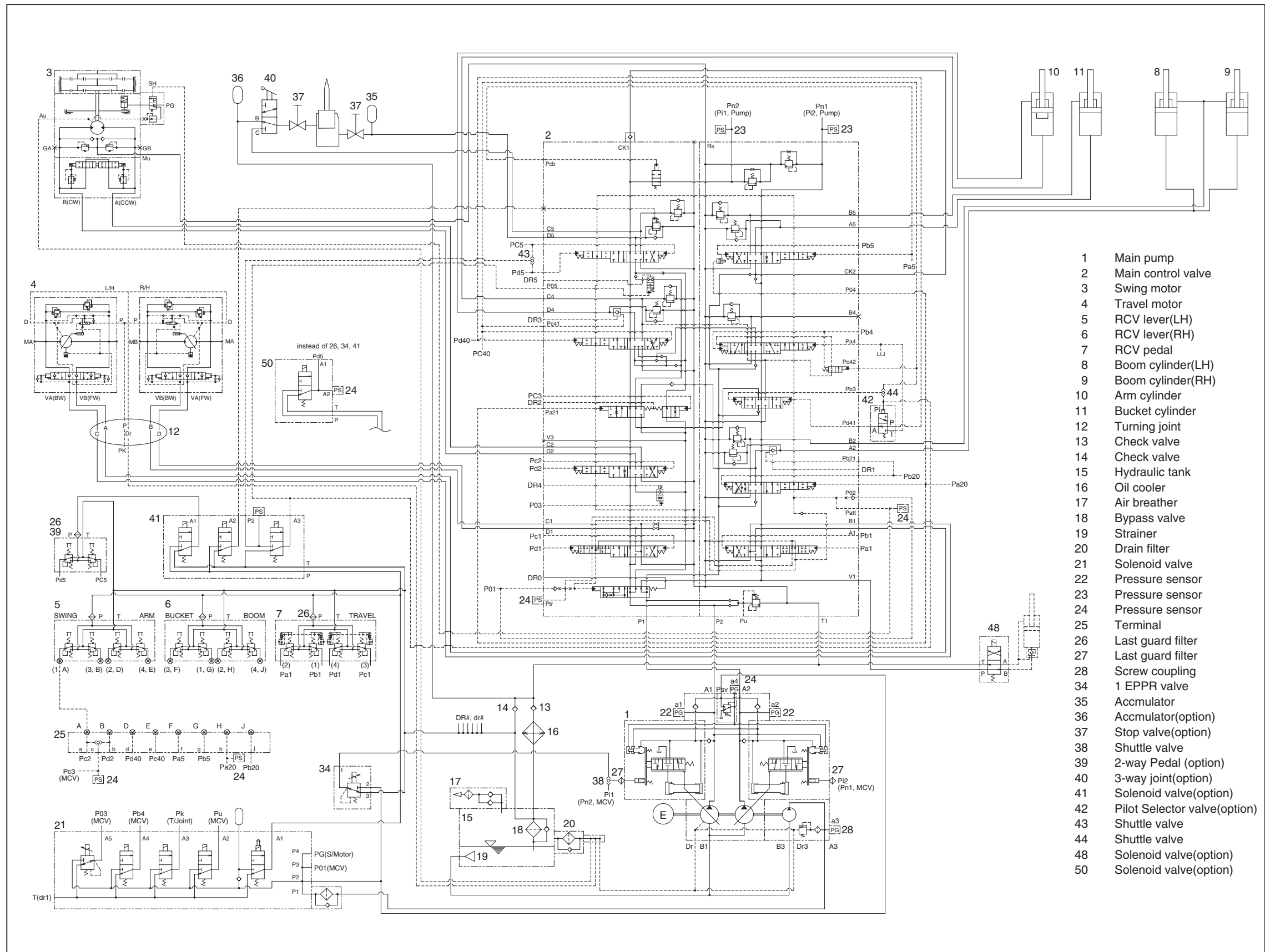


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Solenoid valve
- 22 Pressure sensor
- 23 Posi-nega pressure sensor(Optional)
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Shuttle valve(Optional)
- 28 Shuttle valve
- 30 Boom safety valve(Optional)
- 31 Arm safety valve(Optional)
- 34 Breaker pedal(Optional)
- 35 Accumulator
- 36 Accumulator(Optional)
- 37 Stop valve(Optional)
- 40 Selector valve(Optional)
- 41 Solenoid valve(Optional)
- 43 Breaker return filter(Optional)
- 44 EPPR valve(Optional)
- 47 Quick clamp solenoid valve(Optional)
- 48 Pattern change valve(Optional)
- 50 Solenoid valve(Optional)

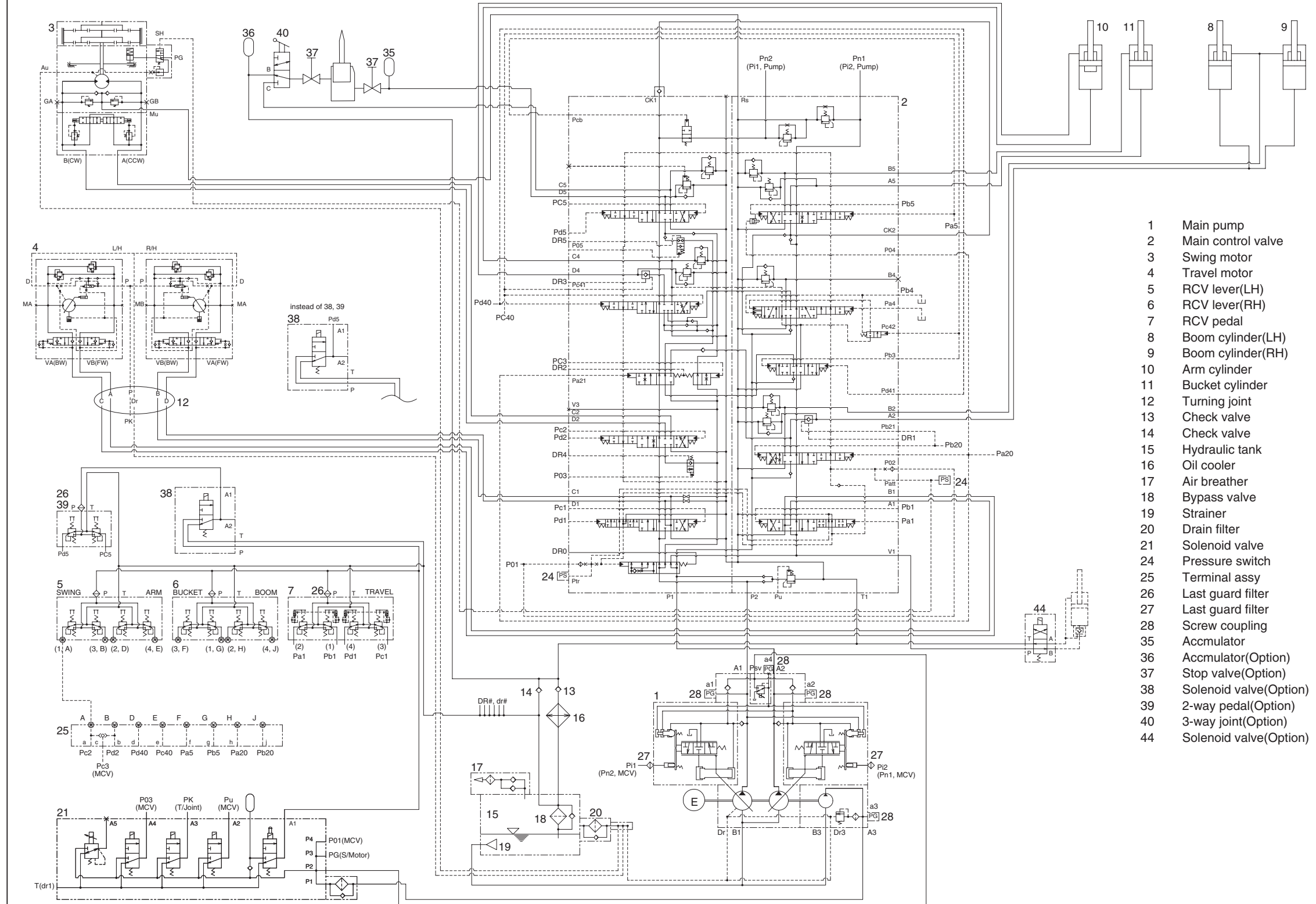


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Solenoid valve
- 22 Pressure sensor
- 23 Posi-nega pressure sensor(Optional)
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Shuttle valve(Optional)
- 28 Shuttle valve
- 30 Boom safety valve(Optional)
- 31 Arm safety valve(Optional)
- 34 Breaker pedal(Optional)
- 35 Accumulator
- 36 Accumulator(Optional)
- 37 Stop valve(Optional)
- 40 Selector valve(Optional)
- 41 Solenoid valve(Optional)
- 43 Breaker return filter(Optional)
- 44 EPPR valve(Optional)
- 47 Quick clamp solenoid valve(Optional)
- 48 Pattern change valve(Optional)

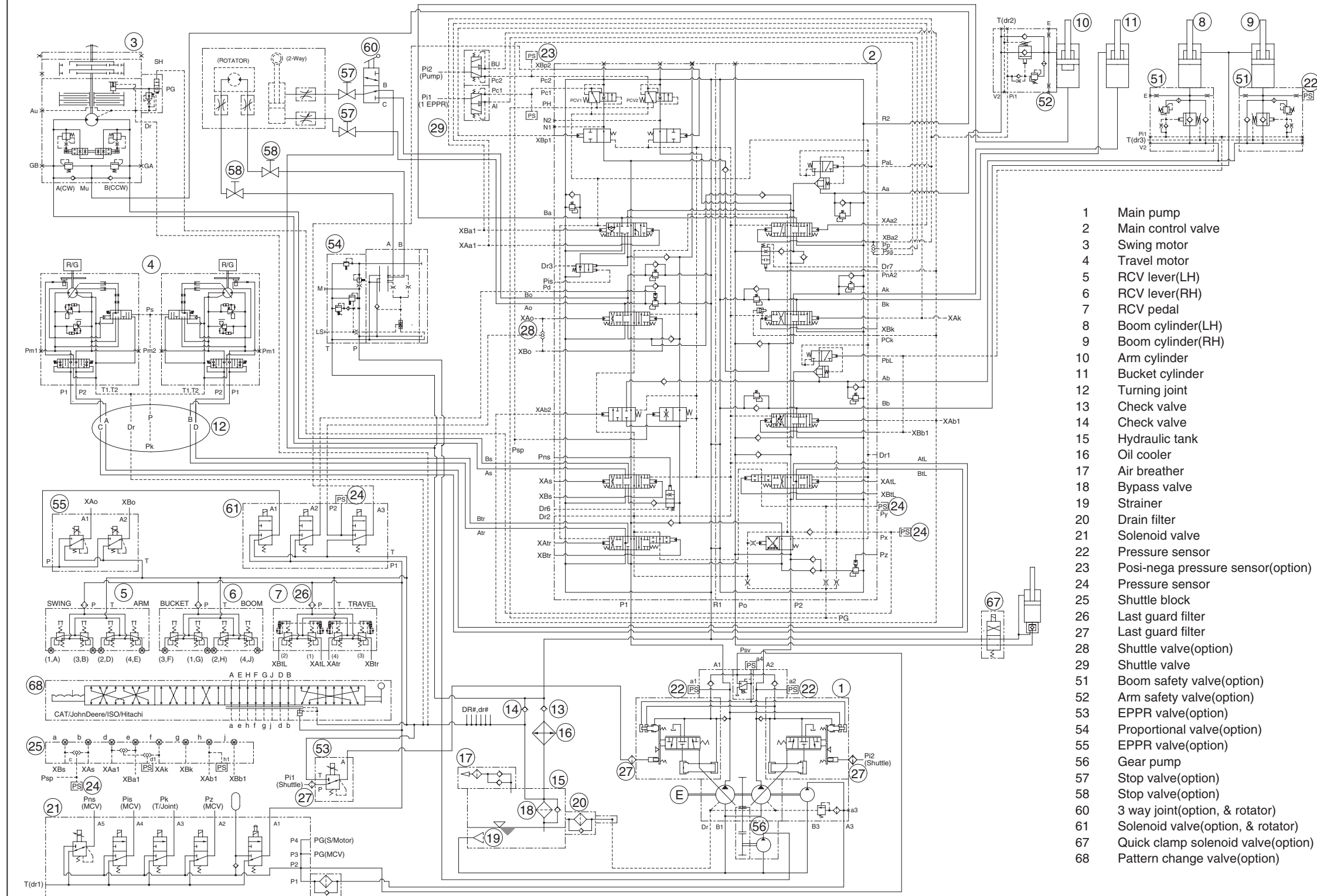
- R220LC-9S(Cluster type 1, #0001~)
- R220LC-9SH(Cluster type 1, #0001~)



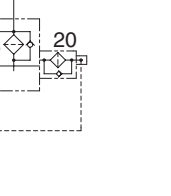
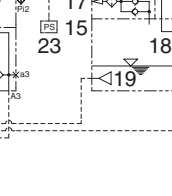
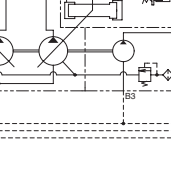
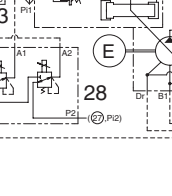
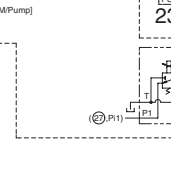
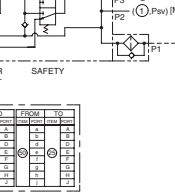
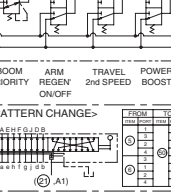
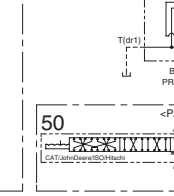
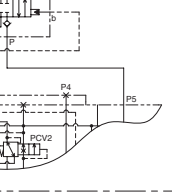
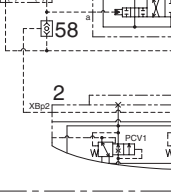
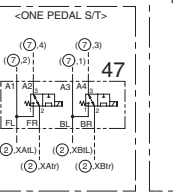
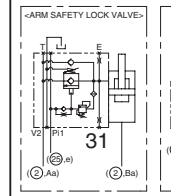
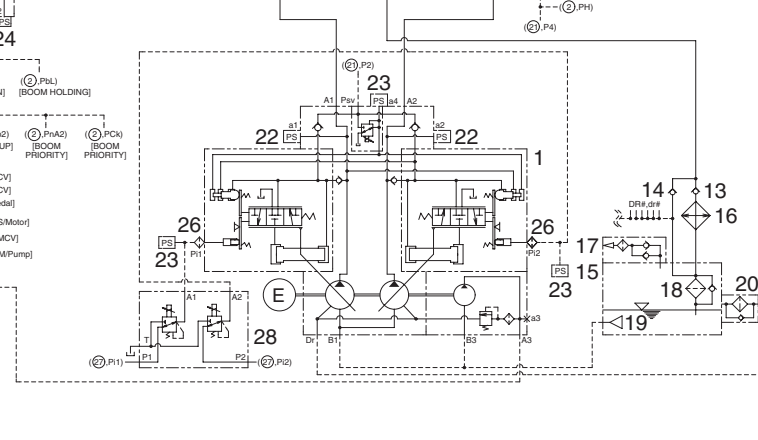
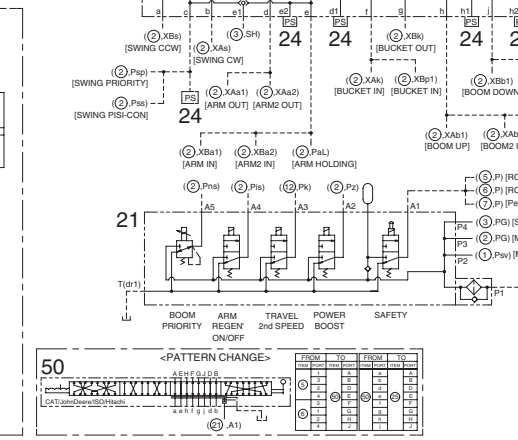
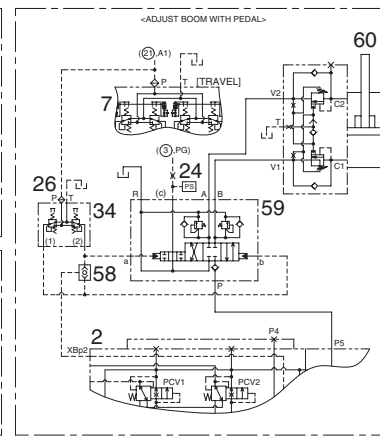
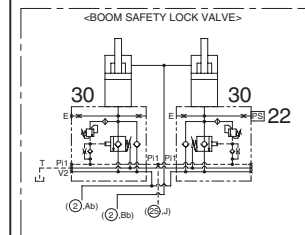
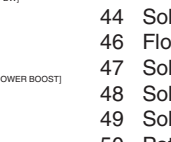
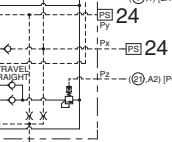
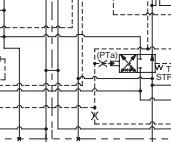
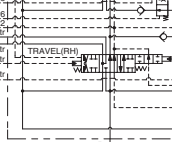
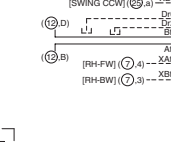
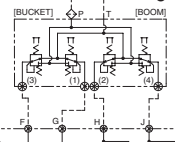
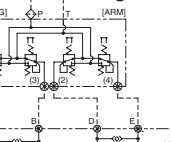
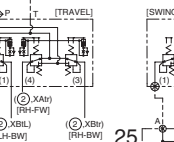
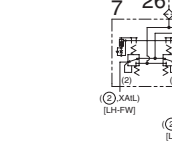
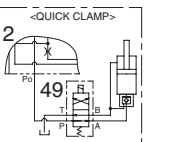
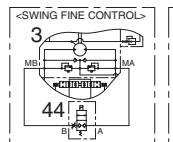
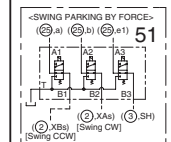
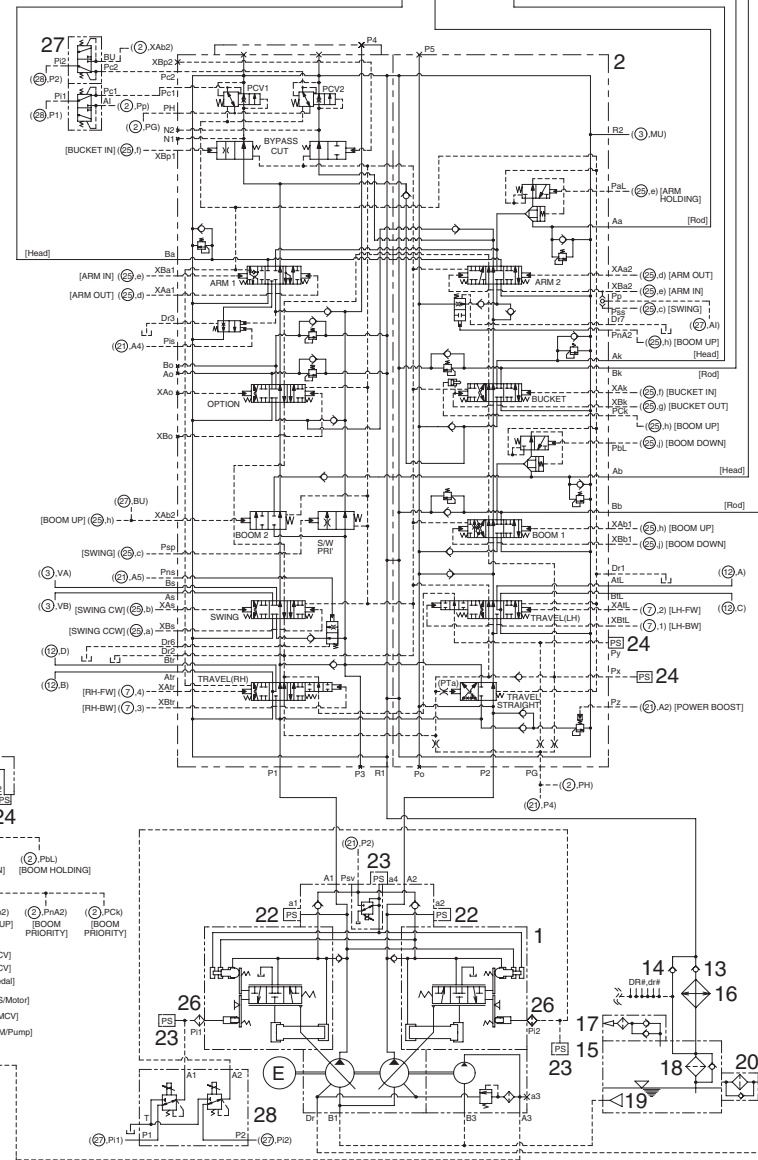
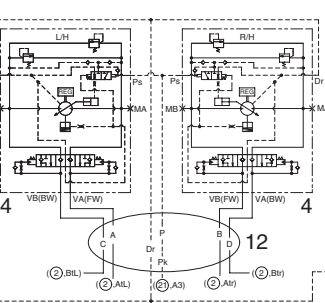
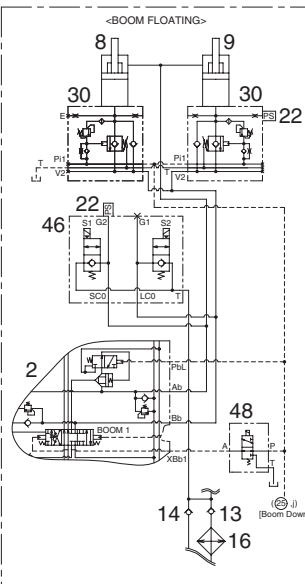
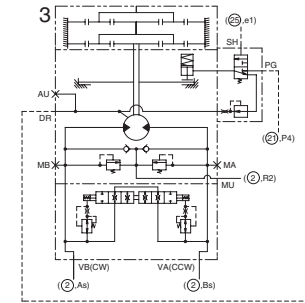
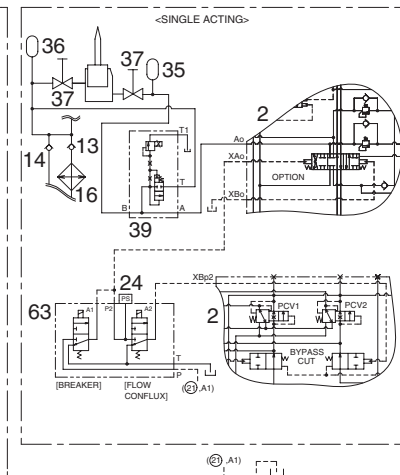
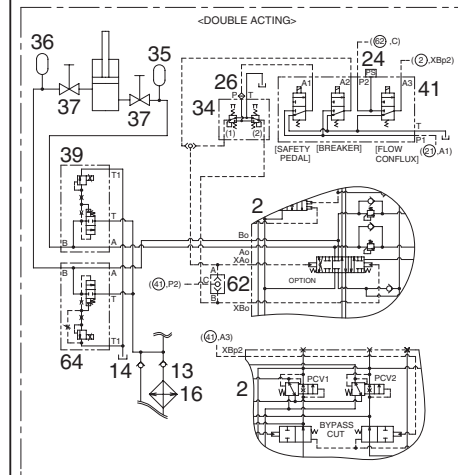
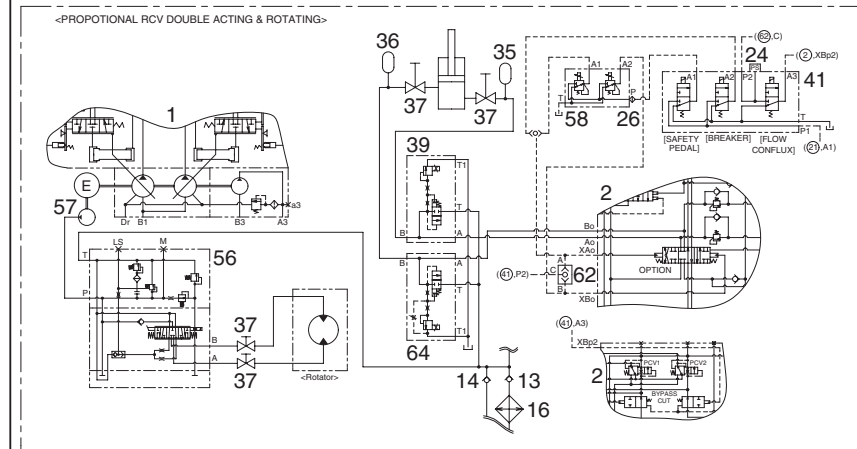
■ R220LC-9S(Cluster type 2, #0001~)
 ■ R220LC-9SH(Cluster type 2, #0001~)



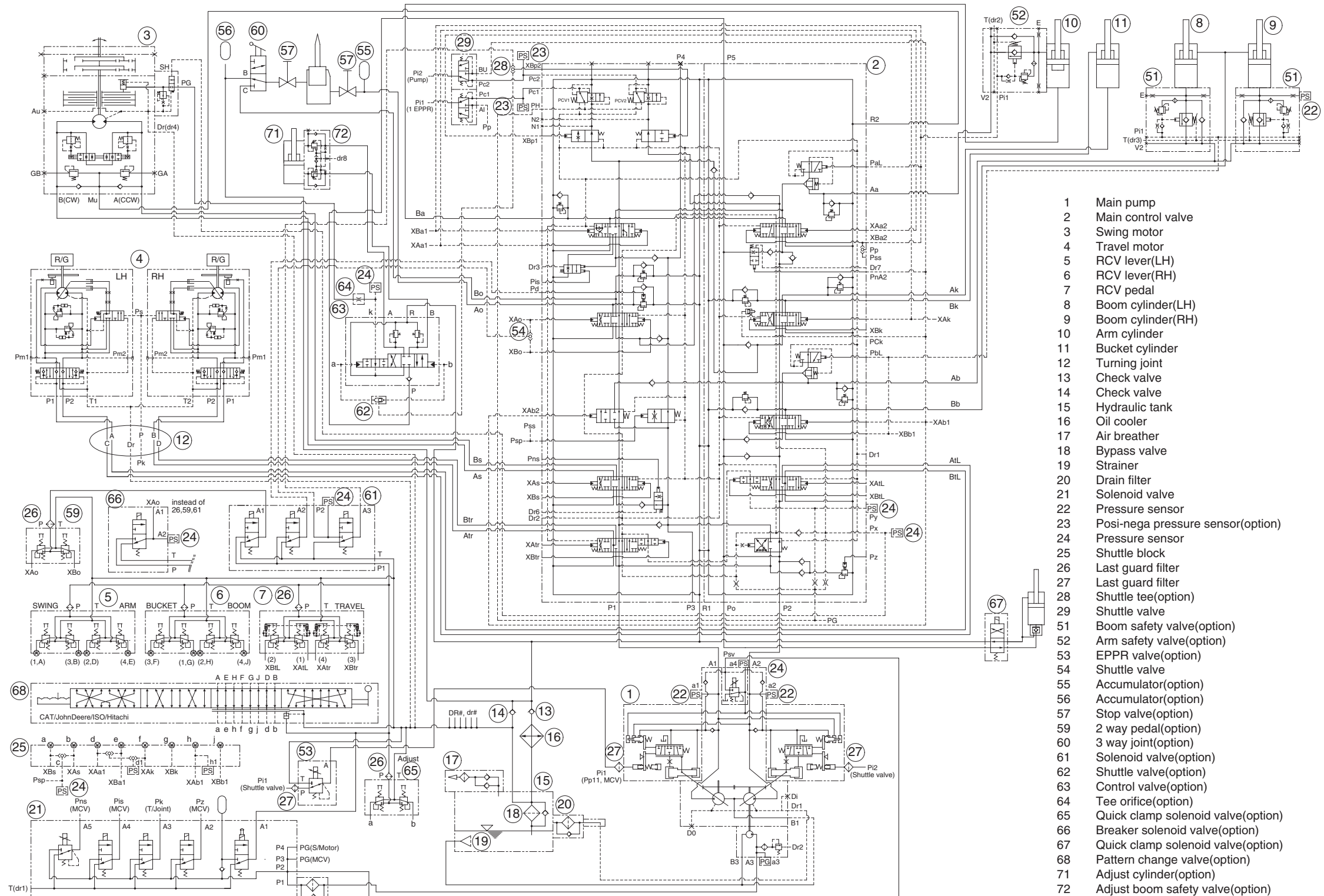
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Solenoid valve
- 24 Pressure switch
- 25 Terminal assy
- 26 Last guard filter
- 27 Last guard filter
- 28 Screw coupling
- 35 Accumulator
- 36 Accumulator(Optional)
- 37 Stop valve(Optional)
- 38 Solenoid valve(Optional)
- 39 2-way pedal(Optional)
- 40 3-way joint(Optional)
- 44 Solenoid valve(Optional)

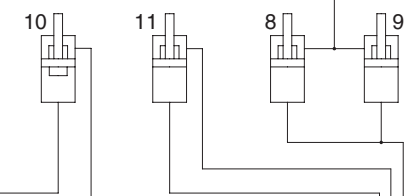
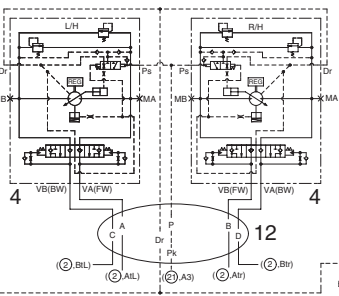
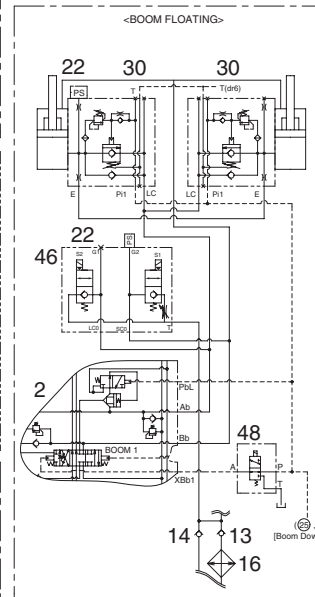
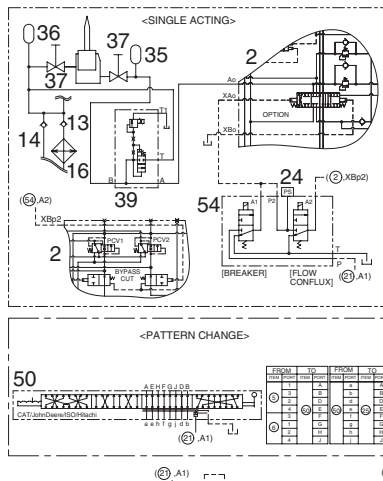
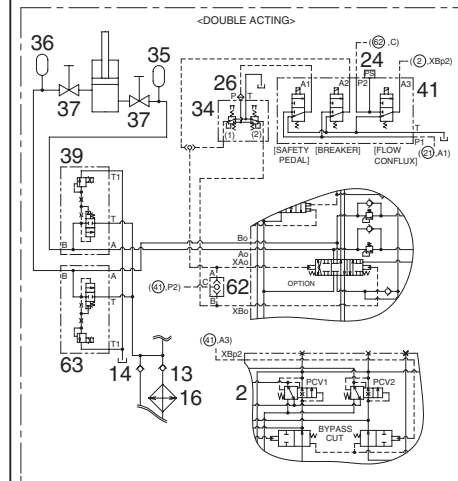
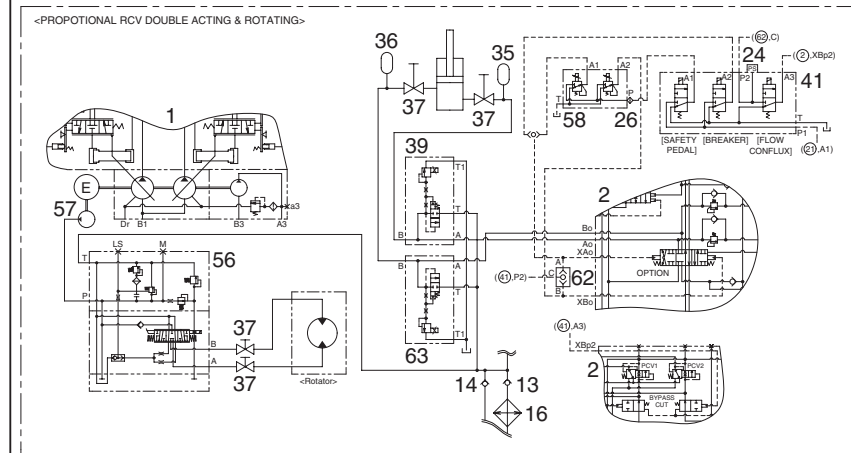


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Solenoid valve
- 22 Pressure sensor
- 23 Posi-nega pressure sensor(option)
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Last guard filter
- 28 Shuttle valve(option)
- 29 Shuttle valve
- 51 Boom safety valve(option)
- 52 Arm safety valve(option)
- 53 EPPR valve(option)
- 54 Proportional valve(option)
- 55 EPPR valve(option)
- 56 Gear pump
- 57 Stop valve(option)
- 58 Stop valve(option)
- 60 3 way joint(option, & rotator)
- 61 Solenoid valve(option, & rotator)
- 67 Quick clamp solenoid valve(option)
- 68 Pattern change valve(option)

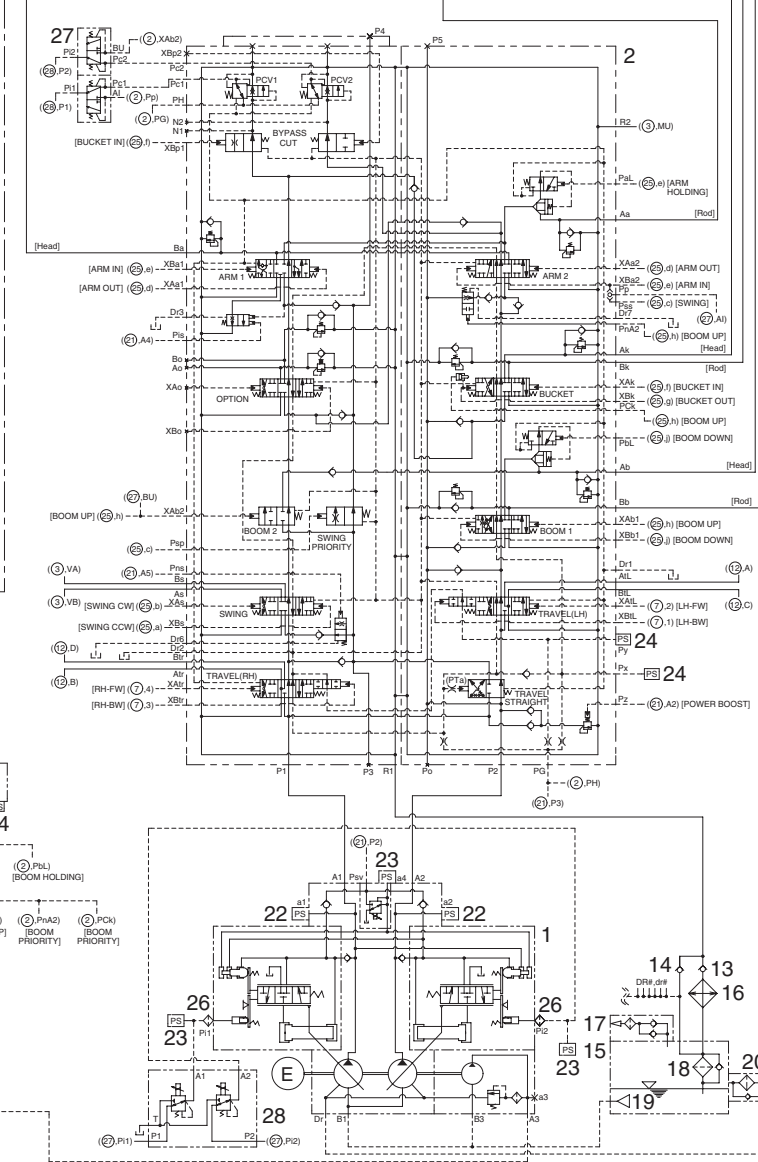
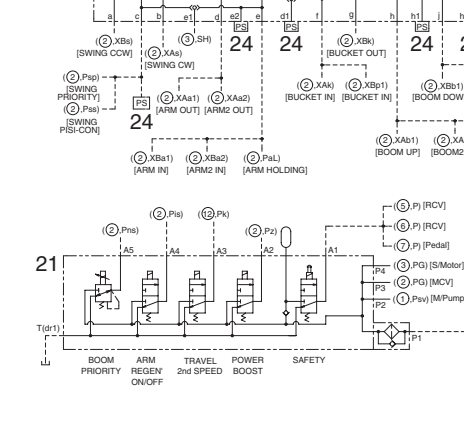
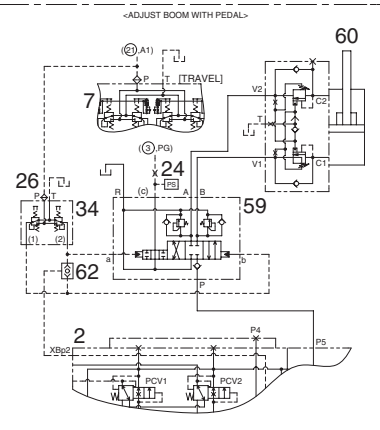
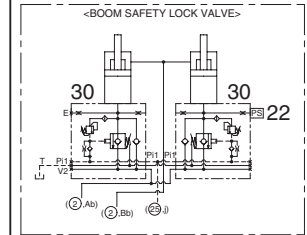
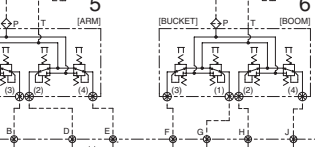
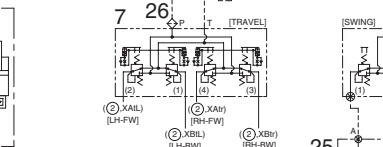
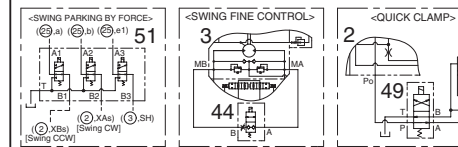


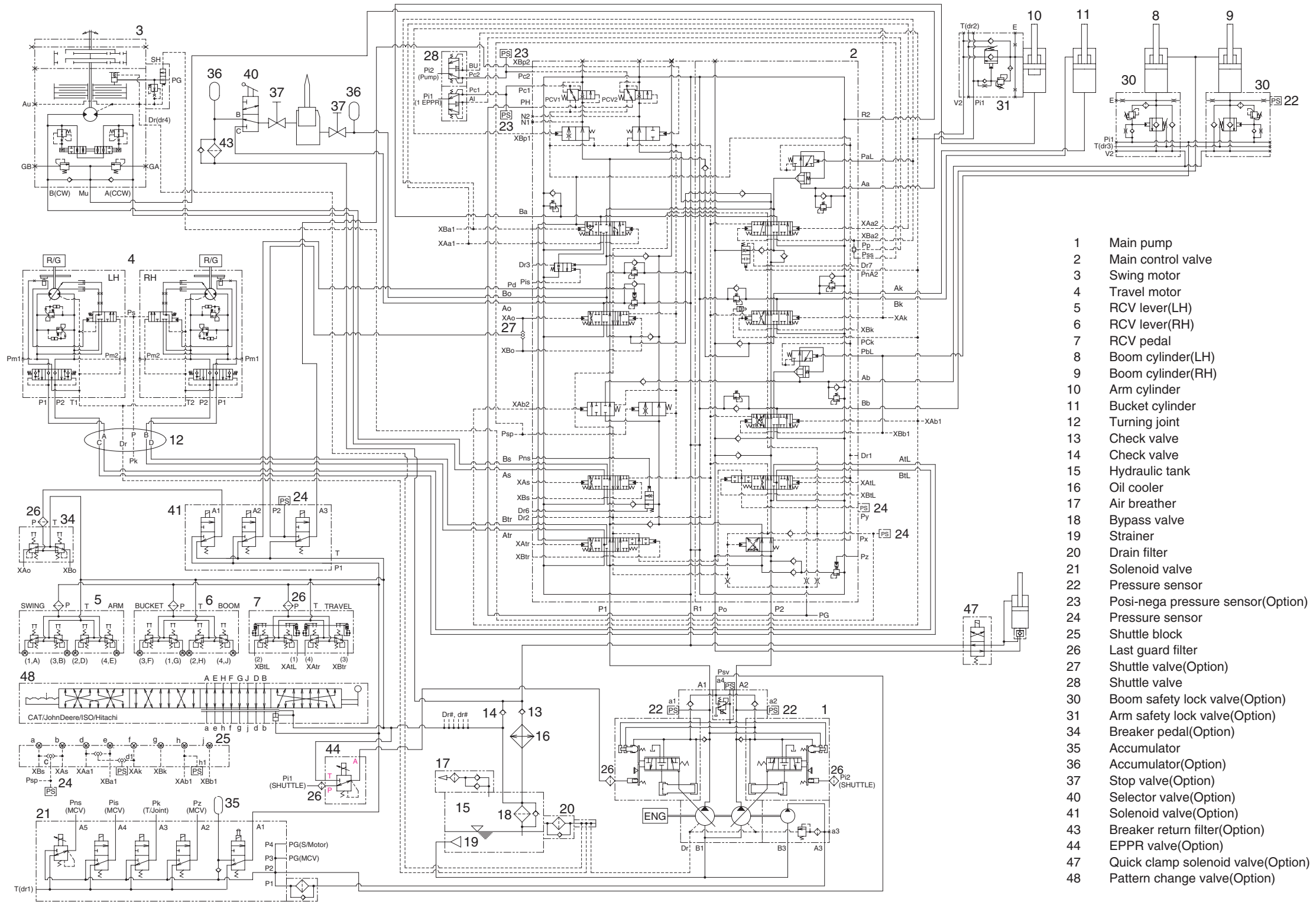
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(L



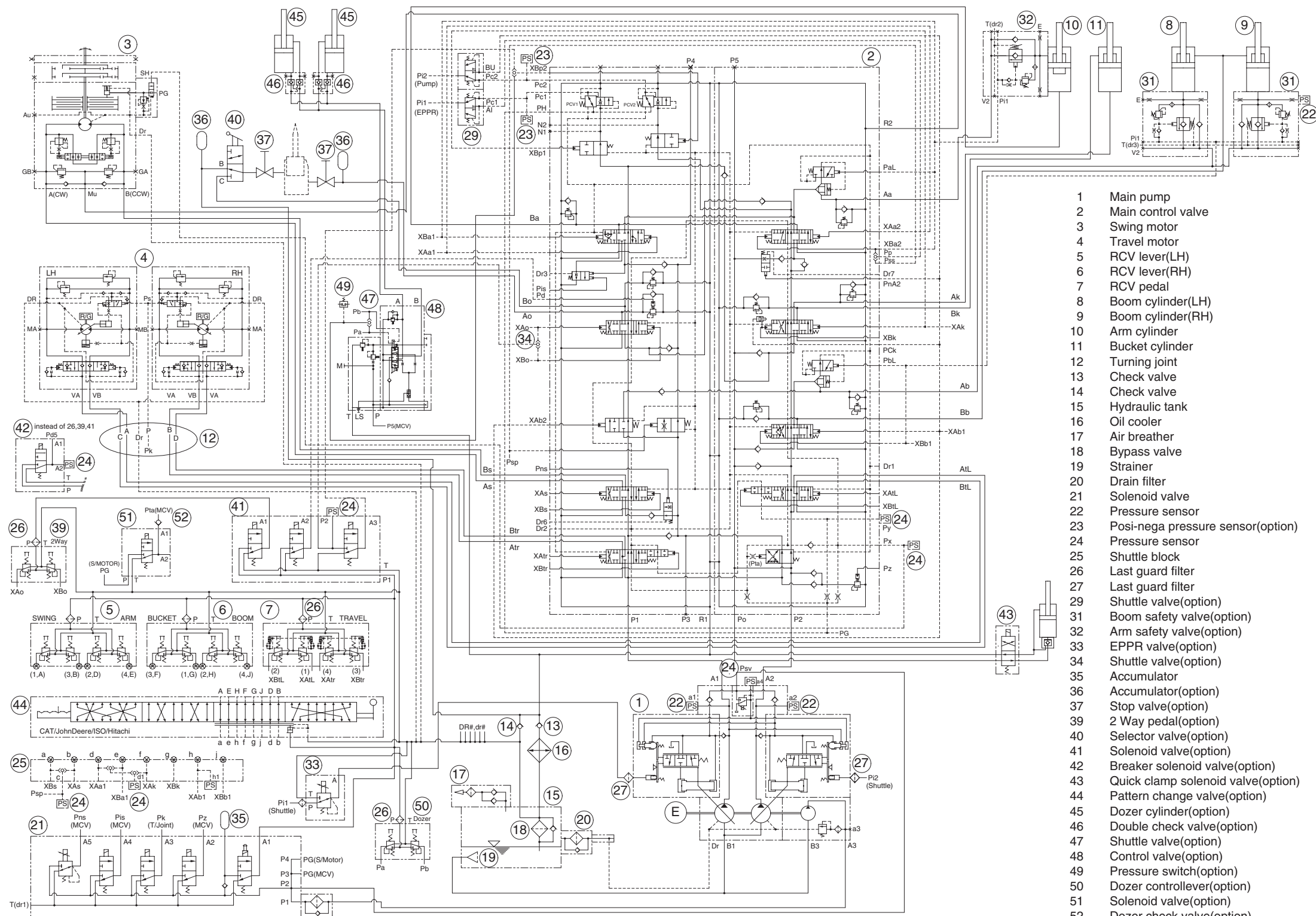


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Return filter
- 19 Strainer
- 20 Drain filter
- 21 5-cartridge valve
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Shuttle valve
- 28 2-EPPR cartridge valve
- 30 Boom safety valve(opt)
- 31 Arm safety valve(option)
- 34 2-way pedal(option)
- 35 Accumulator(option)
- 36 Accumulator(option)
- 37 Stop valve(option)
- 39 Proportional relief v/v(opt)
- 41 3-solenoid valve(option)
- 44 Solenoid valve(option)
- 46 Boom floating valve(opt)
- 47 Solenoid valve(option)
- 48 Solenoid valve(option)
- 49 Solenoid valve(option)
- 50 Pattern change valve(opt)
- 51 Solenoid valve(option)
- 54 Solenoid valve(option)
- 56 Proportional relief v/v(option)
- 57 Gear pump(option)
- 58 2-EPPR cartridge v/v(opt)
- 59 Control valve(option)
- 60 Adjust cylinder(option)
- 62 Shuttle valve(option)
- 63 Proportional relief v/v(opt)

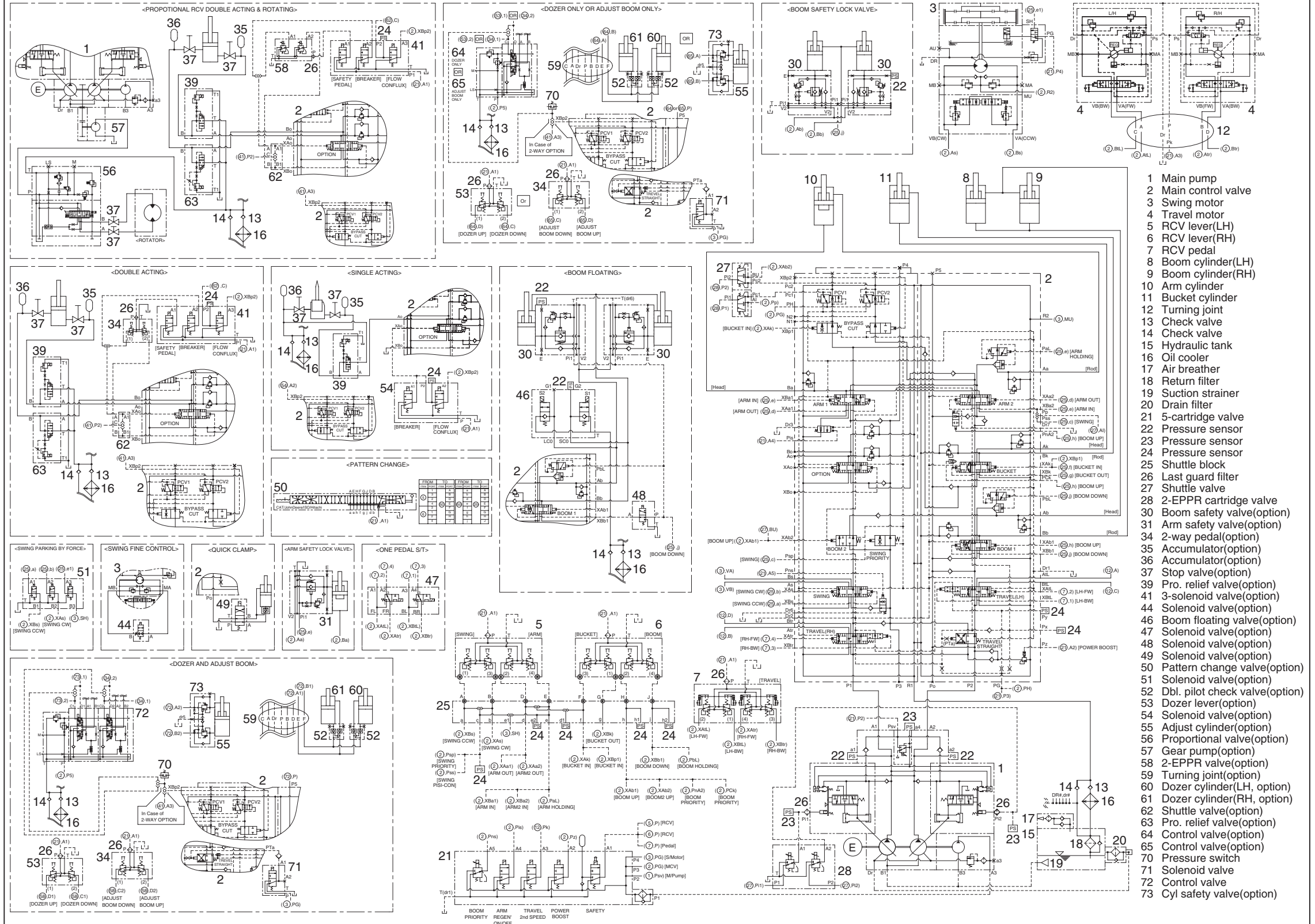


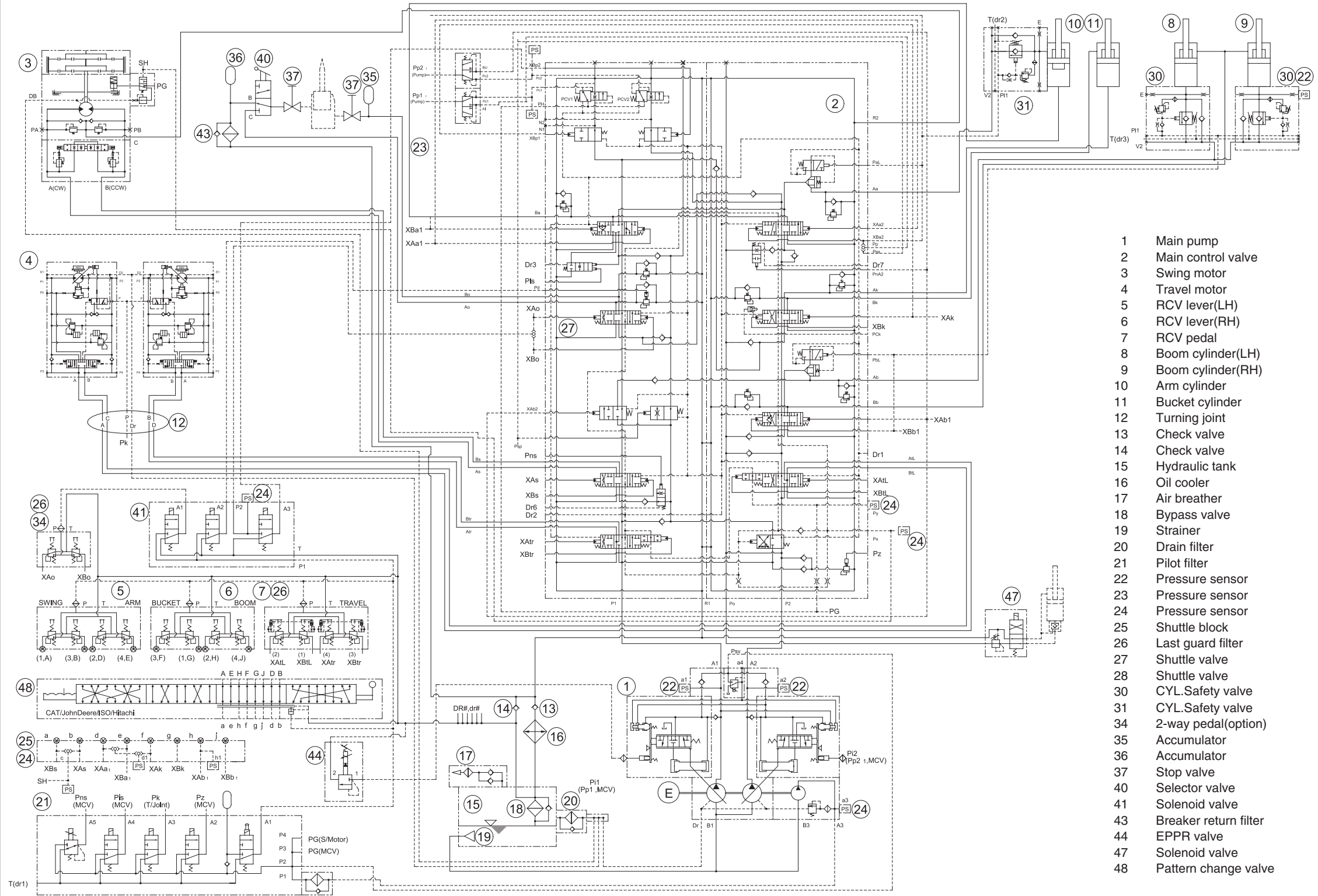


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Solenoid valve
- 22 Pressure sensor
- 23 Posi-nega pressure sensor(Option)
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Shuttle valve(Option)
- 28 Shuttle valve
- 30 Boom safety lock valve(Option)
- 31 Arm safety lock valve(Option)
- 34 Breaker pedal(Option)
- 35 Accumulator
- 36 Accumulator(Option)
- 37 Stop valve(Option)
- 40 Selector valve(Option)
- 41 Solenoid valve(Option)
- 43 Breaker return filter(Option)
- 44 EPPR valve(Option)
- 47 Quick clamp solenoid valve(Option)
- 48 Pattern change valve(Option)

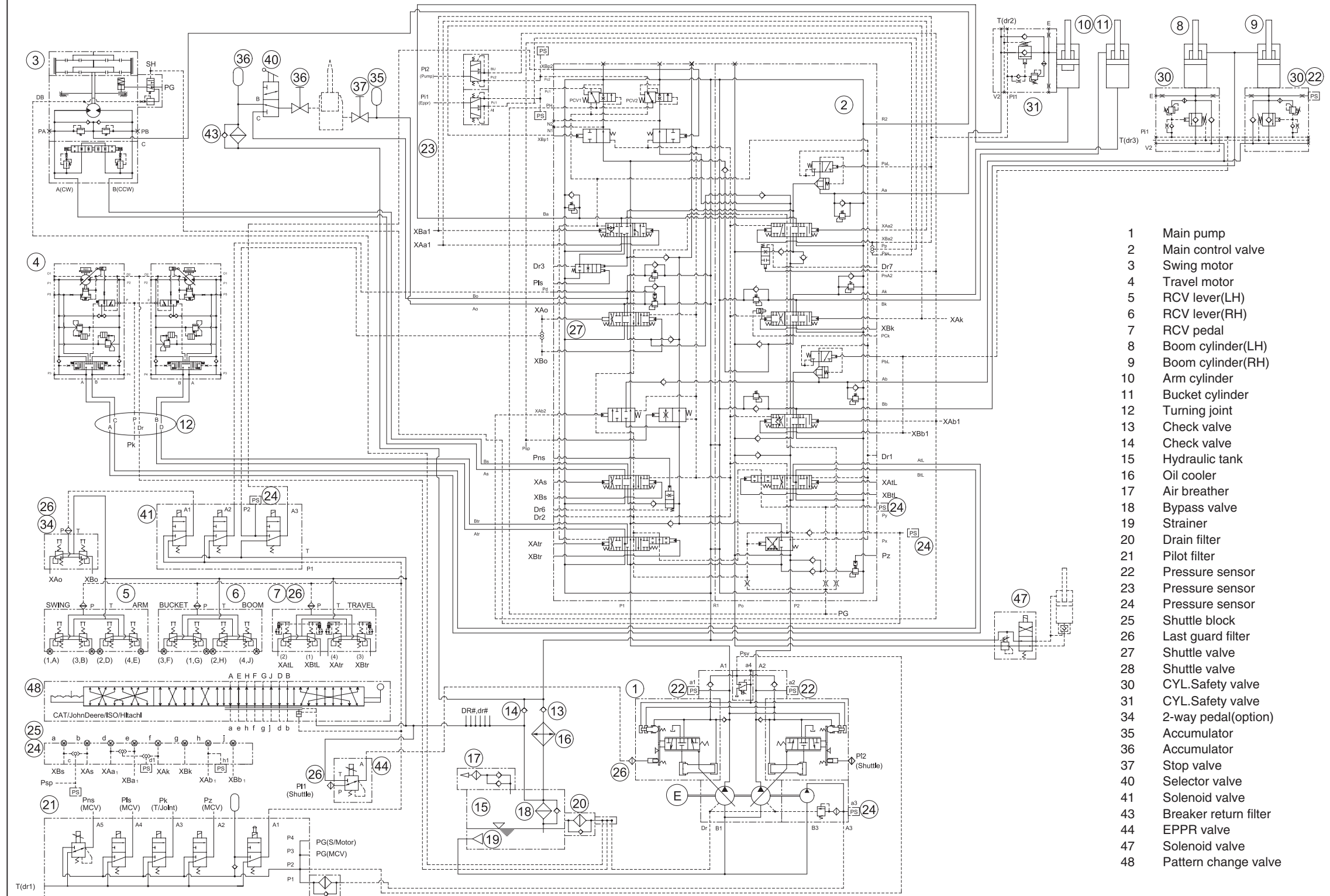


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Solenoid valve
- 22 Pressure sensor
- 23 Posi-nega pressure sensor(option)
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Last guard filter
- 28 Shuttle valve(option)
- 29 Shuttle valve(option)
- 30 Boom safety valve(option)
- 31 Arm safety valve(option)
- 32 EPPR valve(option)
- 33 Shuttle valve(option)
- 34 Accumulator
- 35 Accumulator(option)
- 36 Stop valve(option)
- 37 2 Way pedal(option)
- 38 Selector valve(option)
- 39 Solenoid valve(option)
- 40 Breaker solenoid valve(option)
- 41 Quick clamp solenoid valve(option)
- 42 Pattern change valve(option)
- 43 Dozer cylinder(option)
- 44 Double check valve(option)
- 45 Shuttle valve(option)
- 46 Control valve(option)
- 47 Pressure switch(option)
- 48 Dozer controllever(option)
- 49 Solenoid valve(option)
- 50 Dozer check valve(option)
- 51
- 52

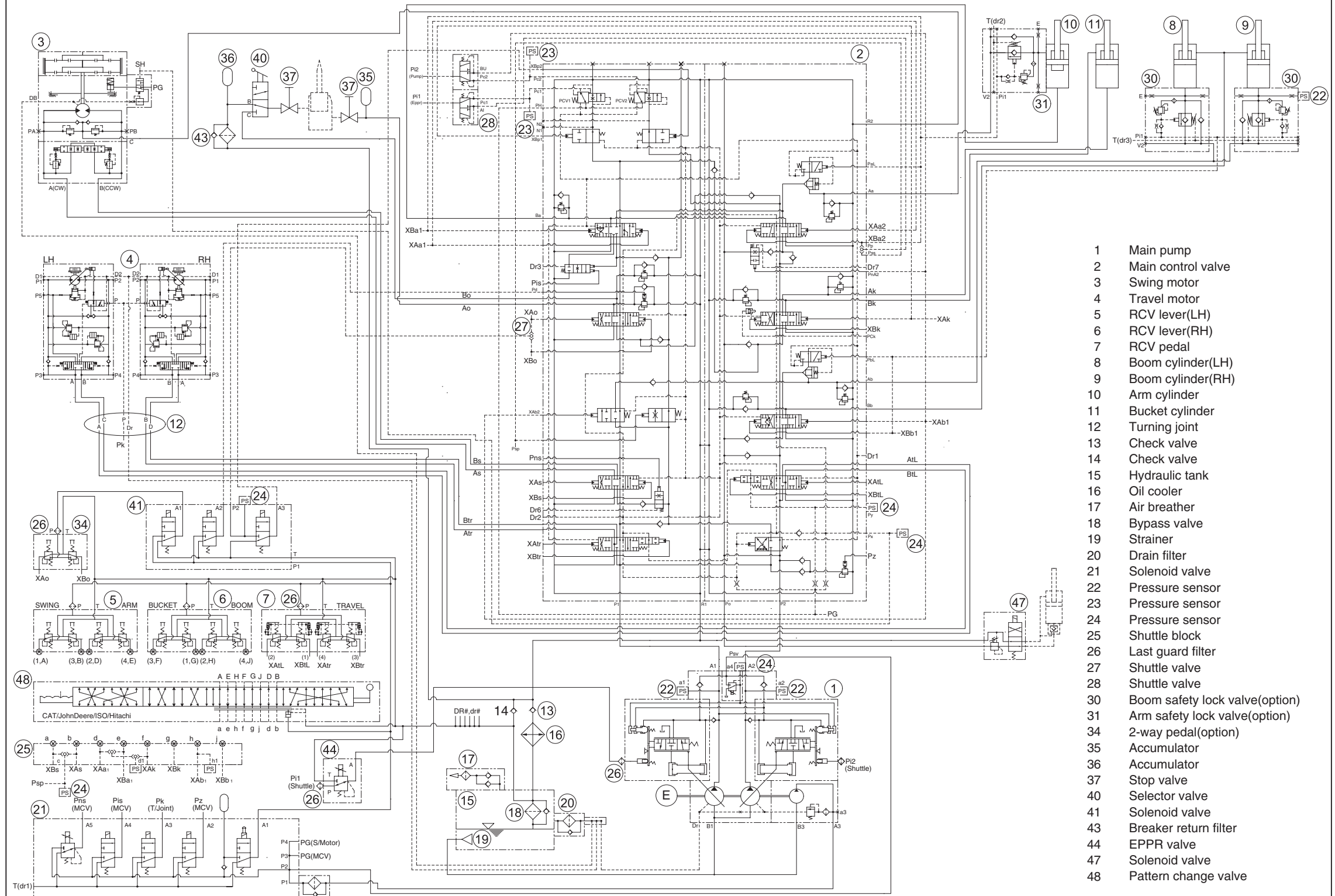


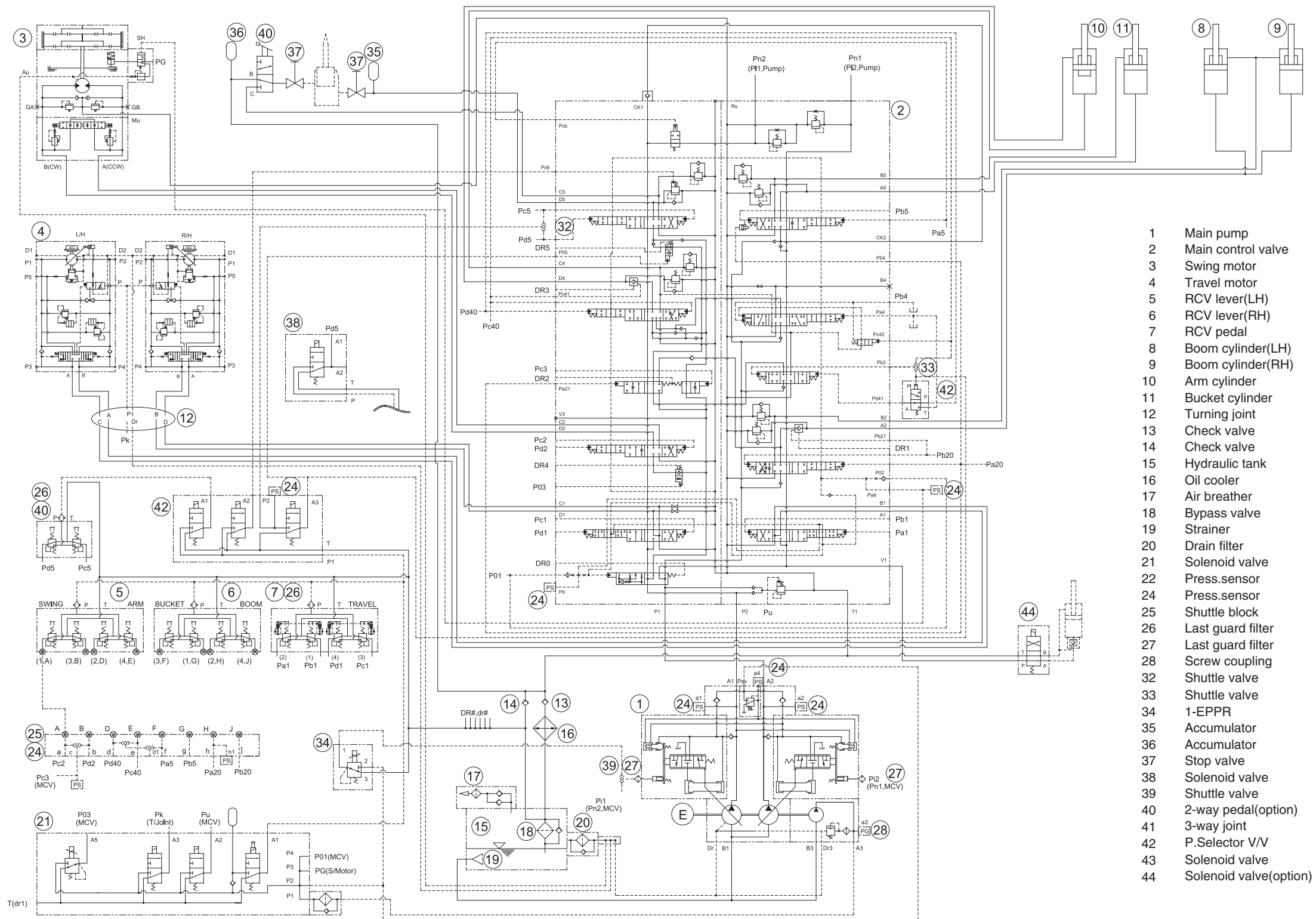


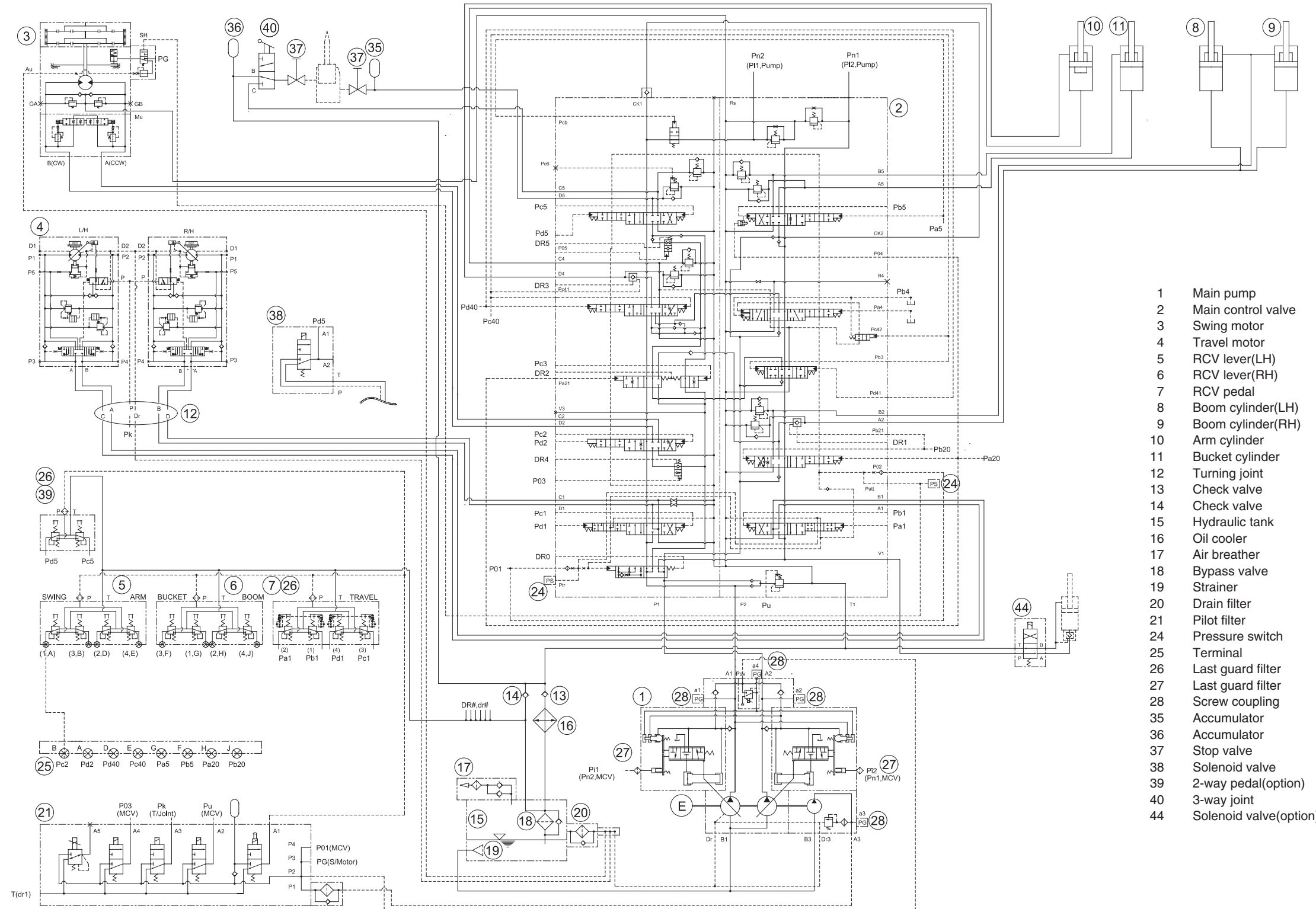
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Shuttle valve
- 28 Shuttle valve
- 30 CYL. Safety valve
- 31 CYL. Safety valve
- 34 2-way pedal(option)
- 35 Accumulator
- 36 Accumulator
- 37 Stop valve
- 40 Selector valve
- 41 Solenoid valve
- 43 Breaker return filter
- 44 EPPR valve
- 47 Solenoid valve
- 48 Pattern change valve



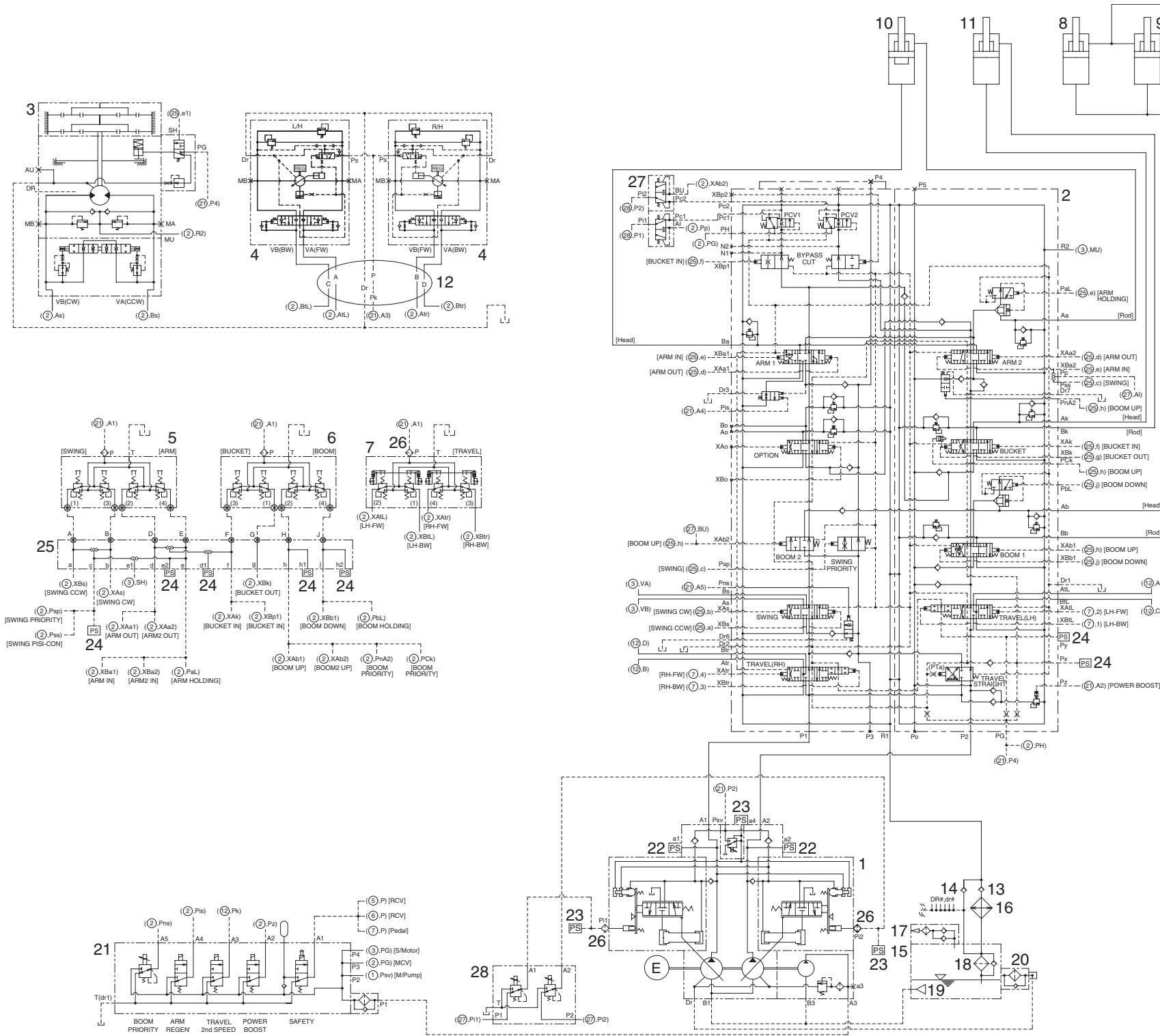
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Shuttle valve
- 28 Shuttle valve
- 30 CYL.Safety valve
- 31 CYL.Safety valve
- 34 2-way pedal(option)
- 35 Accumulator
- 36 Accumulator
- 37 Stop valve
- 40 Selector valve
- 41 Solenoid valve
- 43 Breaker return filter
- 44 EPPR valve
- 47 Solenoid valve
- 48 Pattern change valve



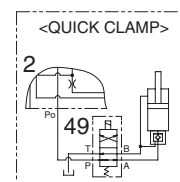
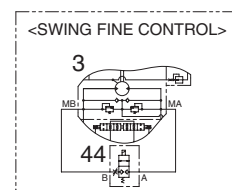
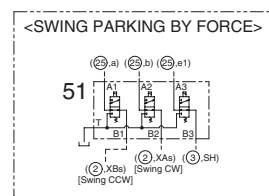
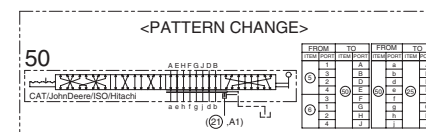
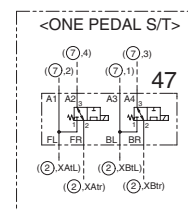
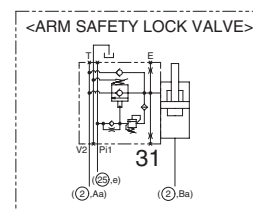
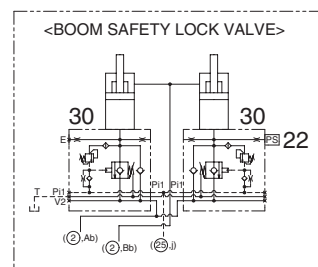
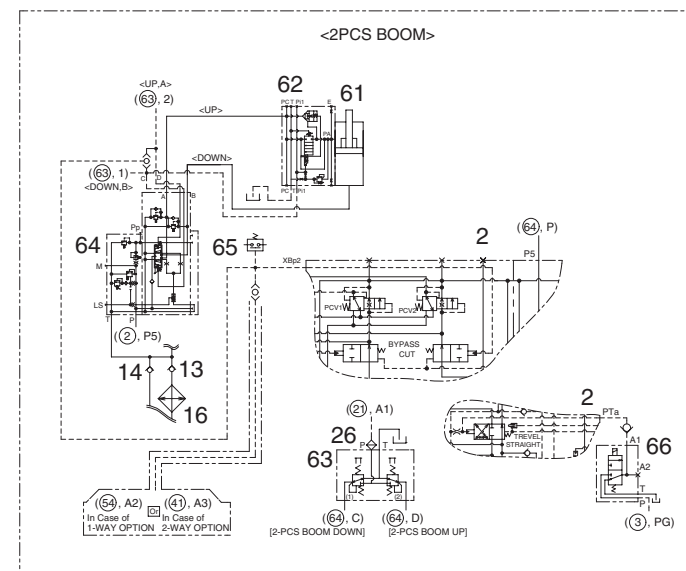
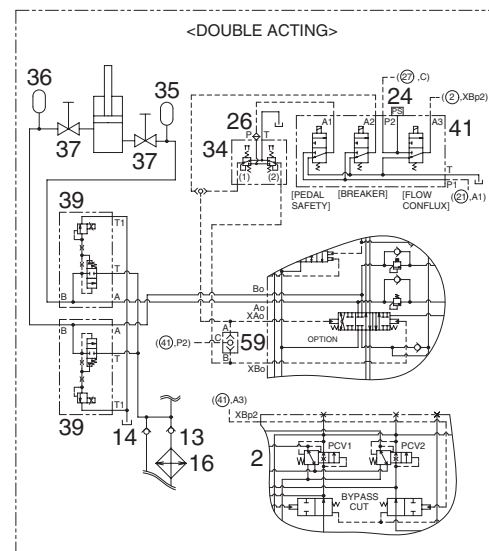
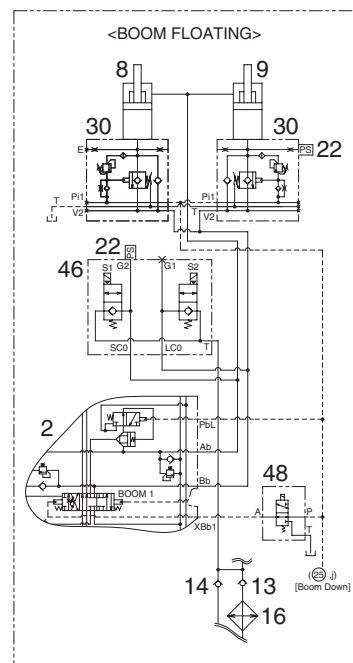
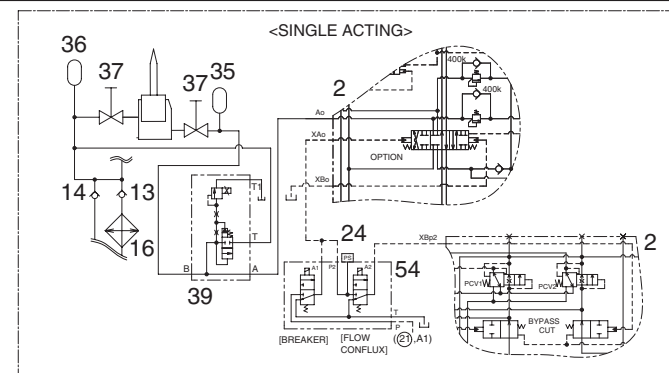
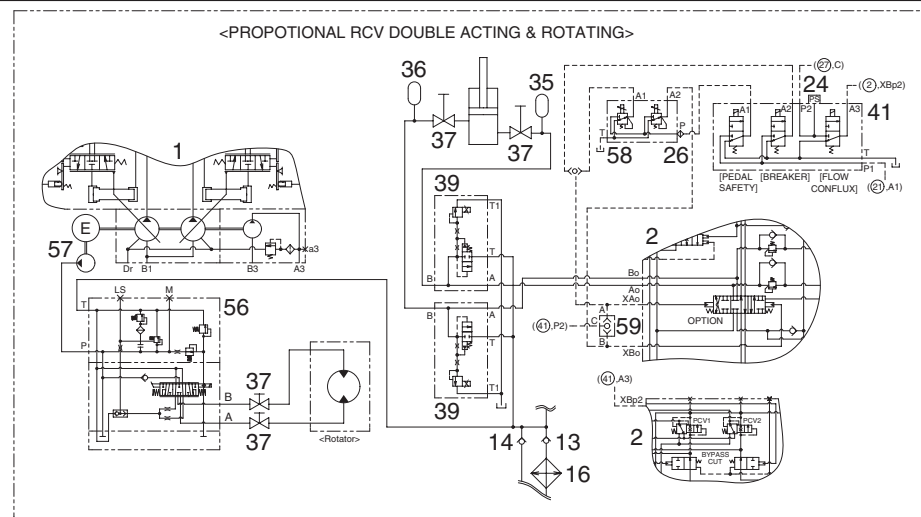




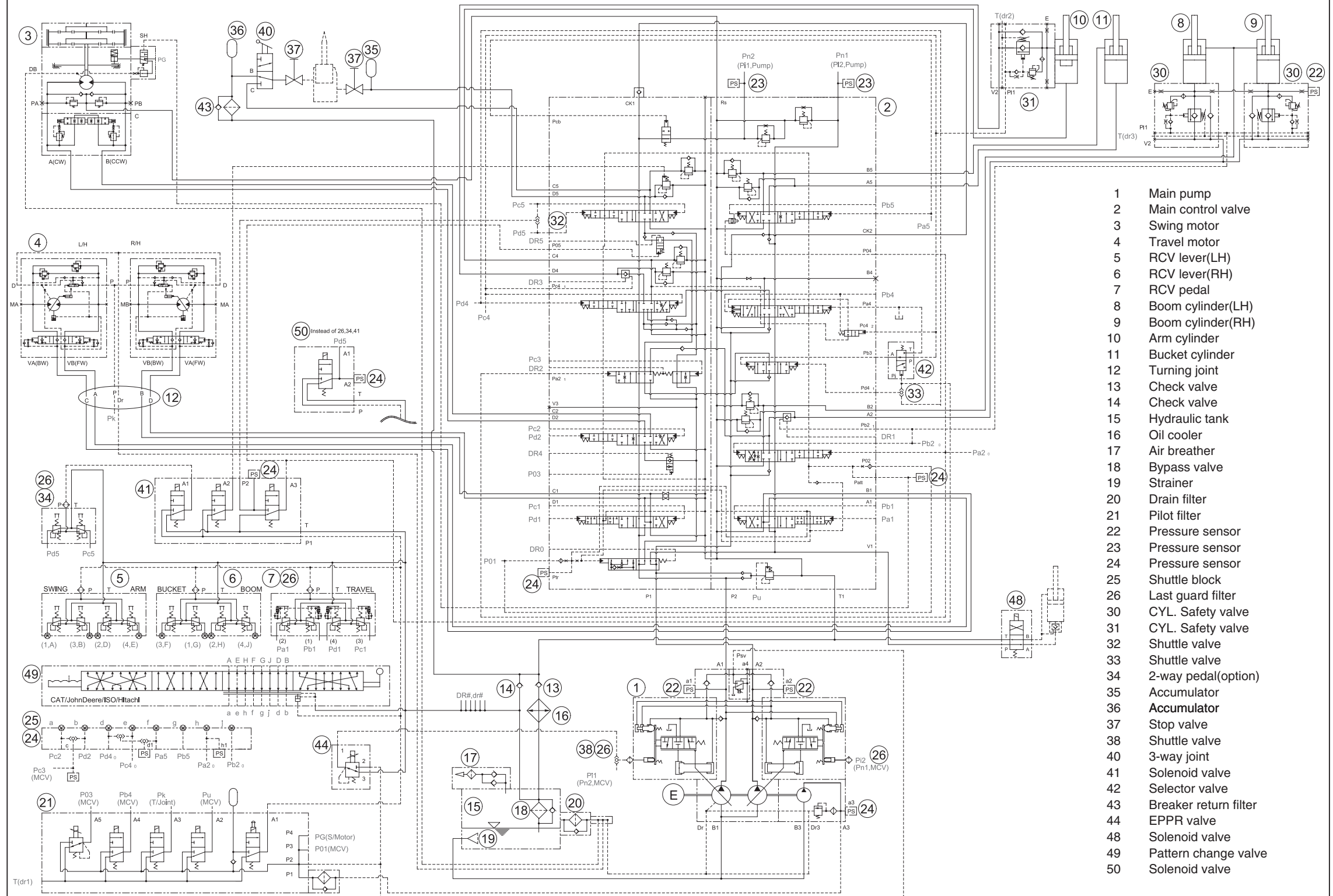
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 24 Pressure switch
- 25 Terminal
- 26 Last guard filter
- 27 Last guard filter
- 28 Screw coupling
- 35 Accumulator
- 36 Accumulator
- 37 Stop valve
- 38 Solenoid valve
- 39 2-way pedal(option)
- 40 3-way joint
- 44 Solenoid valve(option)



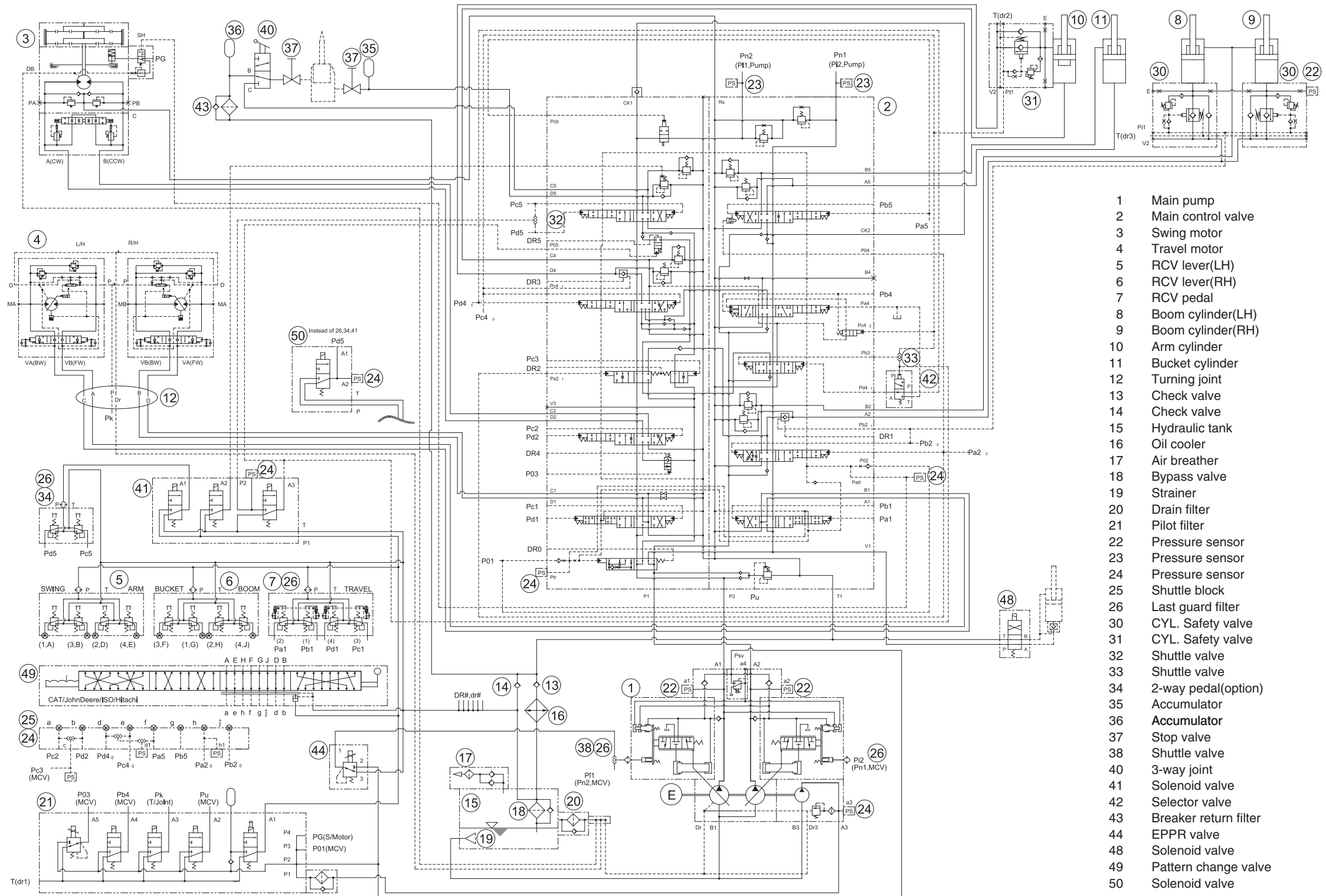
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Solenoid valve
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 5-shuttle valve
- 28 2-EPPR cartridge valve



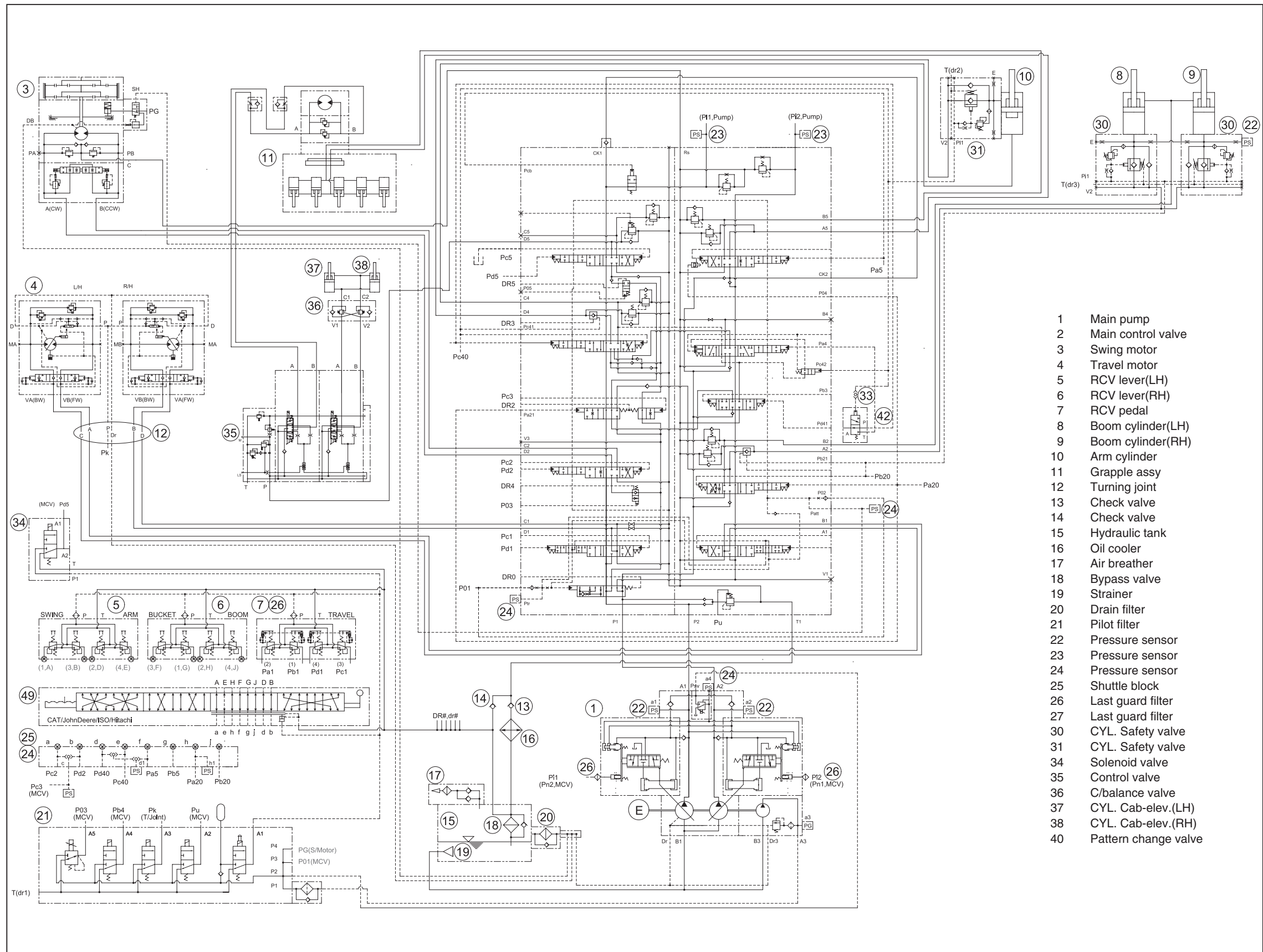
- 1 Main pump
- 2 Main control valve
- 13 Check valve
- 14 Check valve
- 16 Oil cooler
- 22 Pressure sensor
- 24 Pressure sensor
- 26 Last guard filter
- 30 Boom safety valve(opt)
- 31 Arm safety valve(option)
- 34 2-way pedal(option)
- 35 Accumulator(option)
- 36 Accumulator(option)
- 37 Stop valve(option)
- 39 Proportional relief v/v(opt)
- 41 3-solenoid valve(option)
- 44 Solenoid valve(option)
- 46 Boom floating valve(opt)
- 47 Solenoid valve(option)
- 48 Solenoid valve(option)
- 49 Solenoid valve(option)
- 50 Pattern change valve(opt)
- 51 Solenoid valve(option)
- 54 Solenoid valve(option)
- 56 Proportional valve(opt)
- 57 Gear pump(option)
- 58 2-EPPR valve
- 59 Shuttle valve(option)
- 61 2 PCS boom cylinder(option)
- 62 2 PCS safety valve(option)
- 63 2 Way pedal(option)
- 64 Control valve(option)
- 65 Switch press(option)
- 66 Solenoid valve(option)



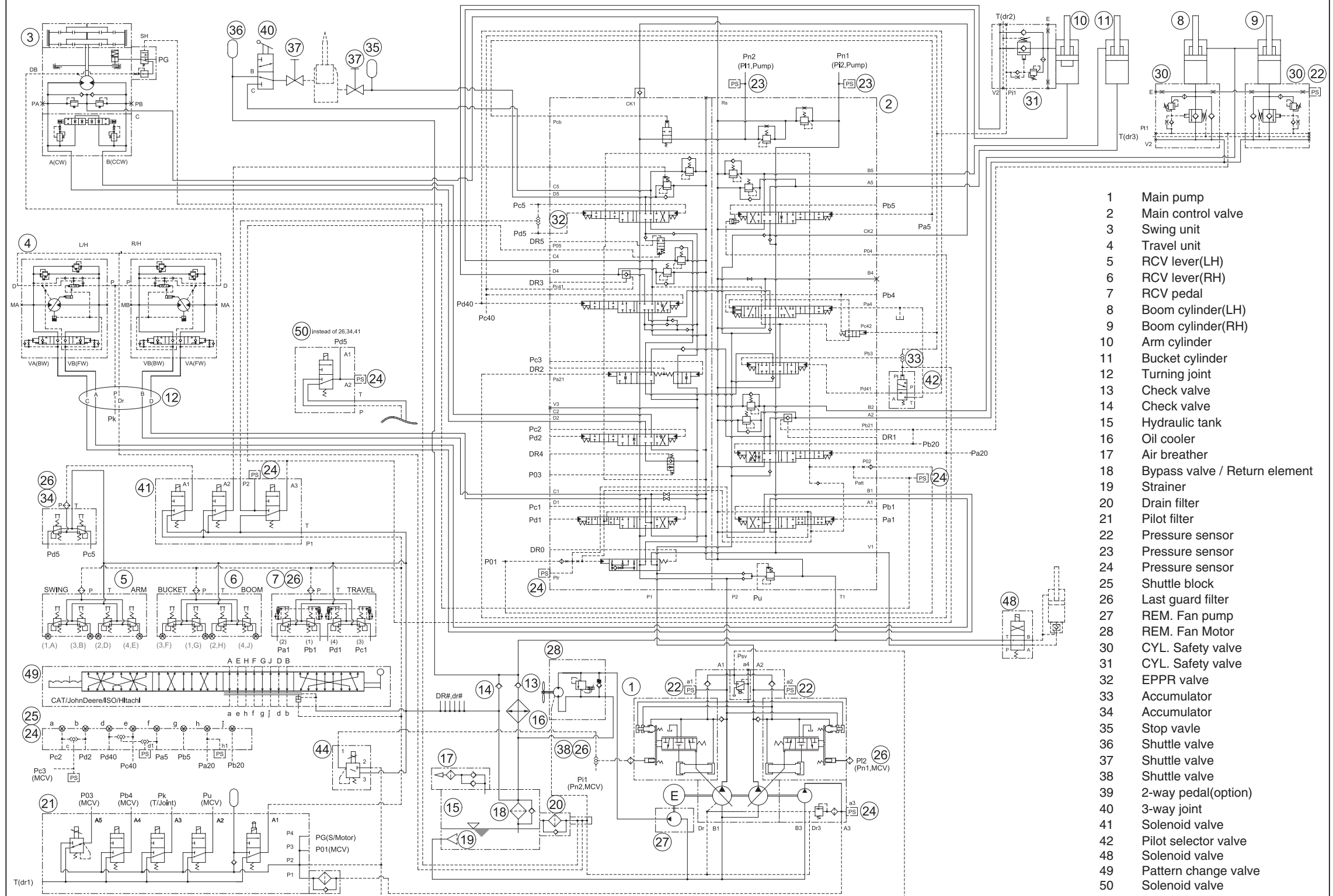
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 30 CYL. Safety valve
- 31 CYL. Safety valve
- 32 Shuttle valve
- 33 Shuttle valve
- 34 2-way pedal(option)
- 35 Accumulator
- 36 Accumulator
- 37 Stop valve
- 38 Shuttle valve
- 40 3-way joint
- 41 Solenoid valve
- 42 Selector valve
- 43 Breaker return filter
- 44 EPPR valve
- 48 Solenoid valve
- 49 Pattern change valve
- 50 Solenoid valve



- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 30 CYL. Safety valve
- 31 CYL. Safety valve
- 32 Shuttle valve
- 33 Shuttle valve
- 34 2-way pedal(option)
- 35 Accumulator
- 36 Accumulator
- 37 Stop valve
- 38 Shuttle valve
- 40 3-way joint
- 41 Solenoid valve
- 42 Selector valve
- 43 Breaker return filter
- 44 EPPR valve
- 48 Solenoid valve
- 49 Pattern change valve
- 50 Solenoid valve

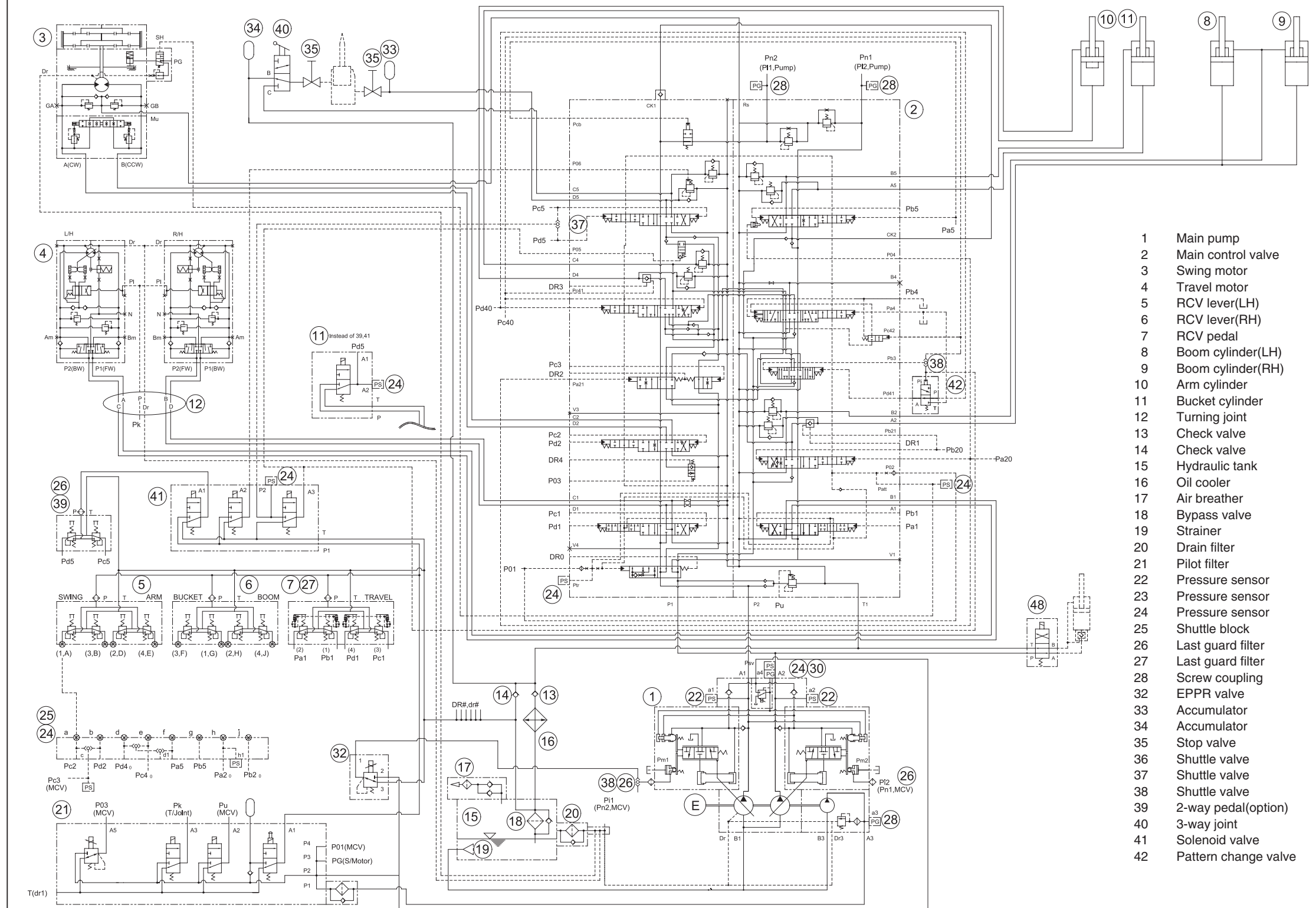


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Grapple assy
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Last guard filter
- 30 CYL. Safety valve
- 31 CYL. Safety valve
- 34 Solenoid valve
- 35 Control valve
- 36 C/balance valve
- 37 CYL. Cab-elev.(LH)
- 38 CYL. Cab-elev.(RH)
- 40 Pattern change valve



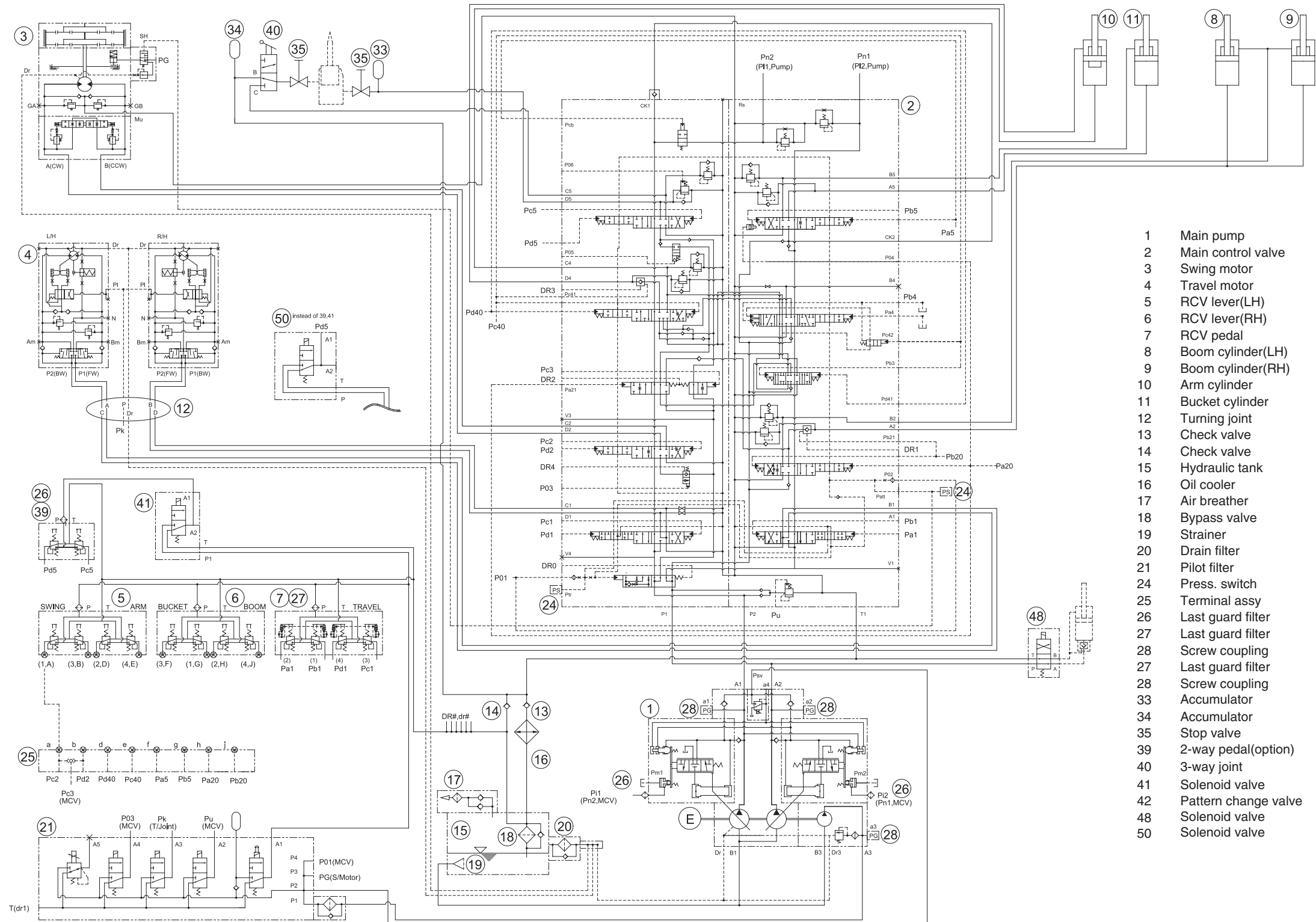
- 1 Main pump
- 2 Main control valve
- 3 Swing unit
- 4 Travel unit
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve / Return element
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 REM. Fan pump
- 28 REM. Fan Motor
- 30 CYL. Safety valve
- 31 CYL. Safety valve
- 32 EPPR valve
- 33 Accumulator
- 34 Accumulator
- 35 Stop valve
- 36 Shuttle valve
- 37 Shuttle valve
- 38 Shuttle valve
- 39 2-way pedal(option)
- 40 3-way joint
- 41 Solenoid valve
- 42 Pilot selector valve
- 48 Solenoid valve
- 49 Pattern change valve
- 50 Solenoid valve

- R300LC-9S(Cluster Type 1, #0001~)
- R300LC-9SH(Cluster Type 1, #0001~)

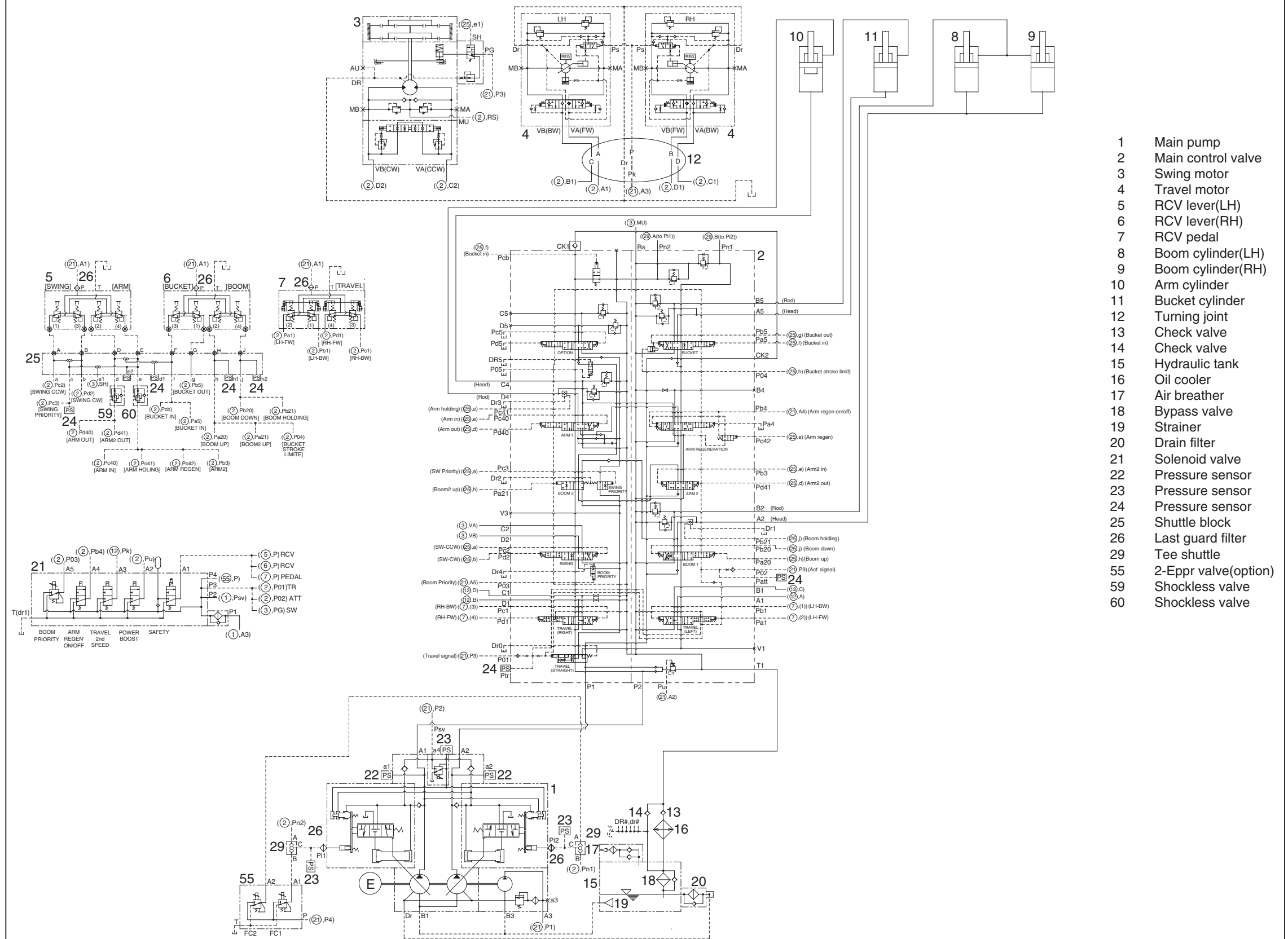


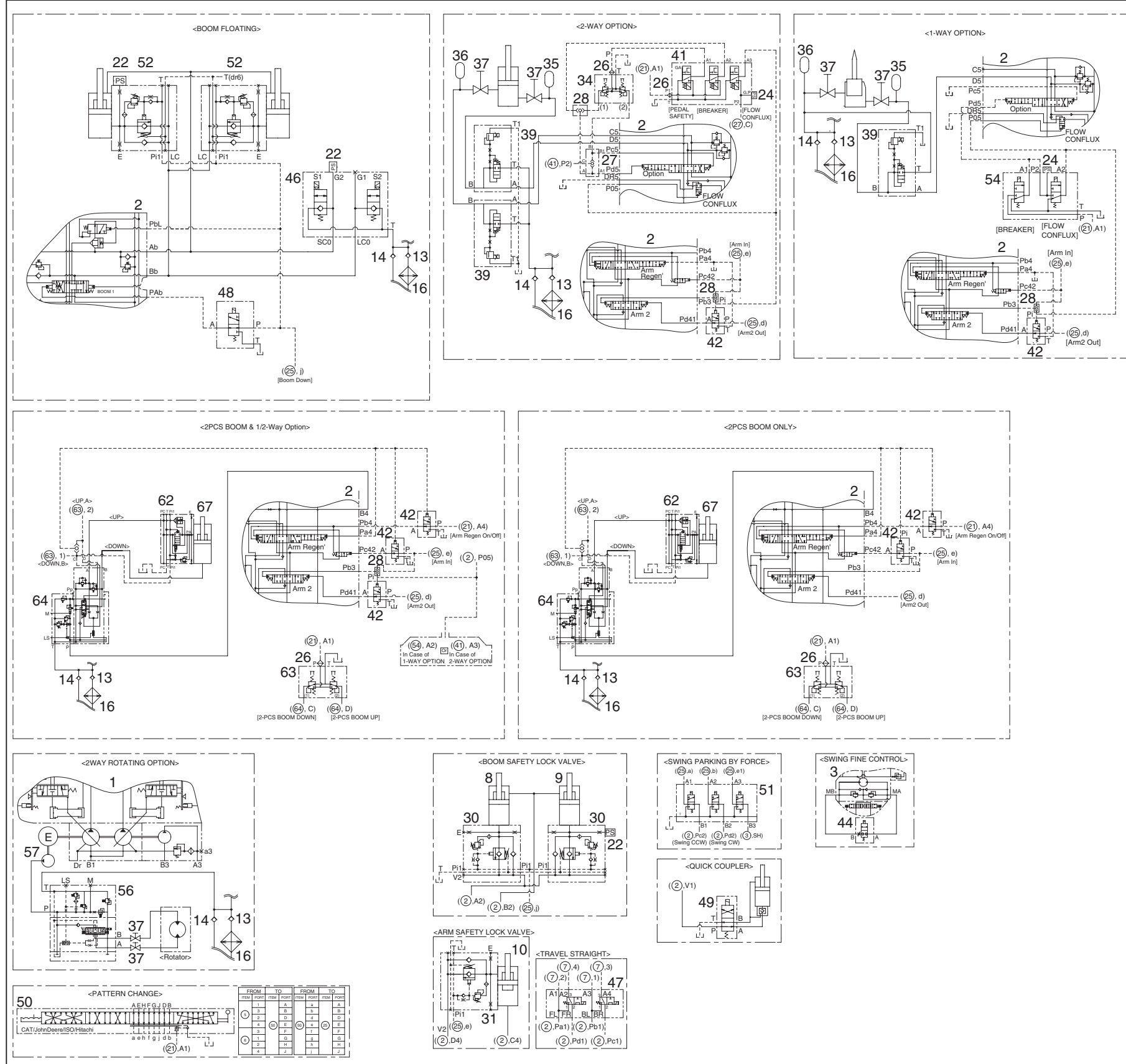
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Last guard filter
- 28 Screw coupling
- 32 EPPR valve
- 33 Accumulator
- 34 Accumulator
- 35 Stop valve
- 36 Shuttle valve
- 37 Shuttle valve
- 38 Shuttle valve
- 39 2-way pedal(option)
- 40 3-way joint
- 41 Solenoid valve
- 42 Pattern change valve

■ R300LC-9S(Cluster Type 2, #0001~)
 ■ R300LC-9SH(Cluster Type 2, #0001~)

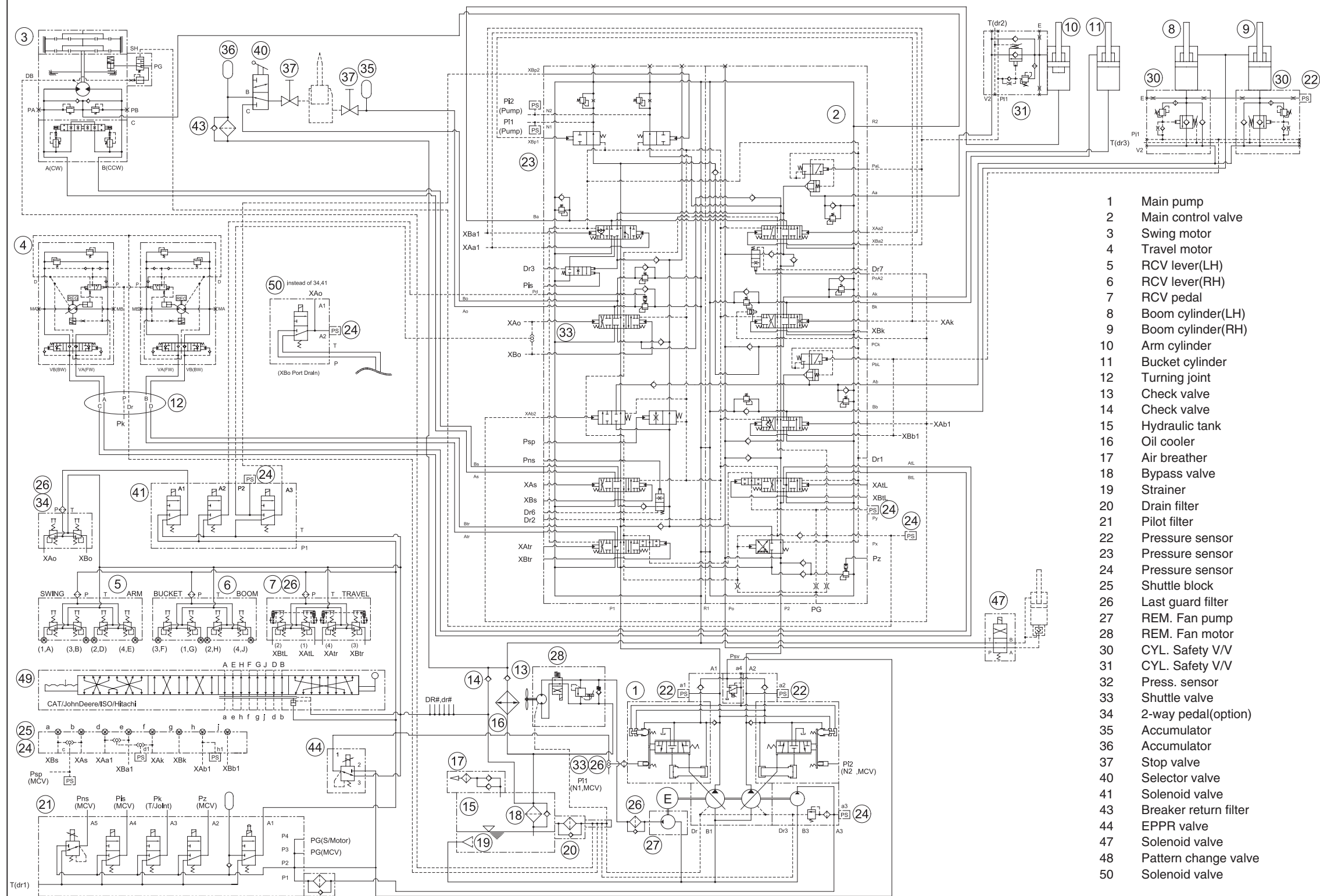


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 24 Press. switch
- 25 Terminal assy
- 26 Last guard filter
- 27 Last guard filter
- 28 Screw coupling
- 27 Last guard filter
- 28 Screw coupling
- 33 Accumulator
- 34 Accumulator
- 35 Stop valve
- 39 2-way pedal(option)
- 40 3-way joint
- 41 Solenoid valve
- 42 Pattern change valve
- 48 Solenoid valve
- 50 Solenoid valve

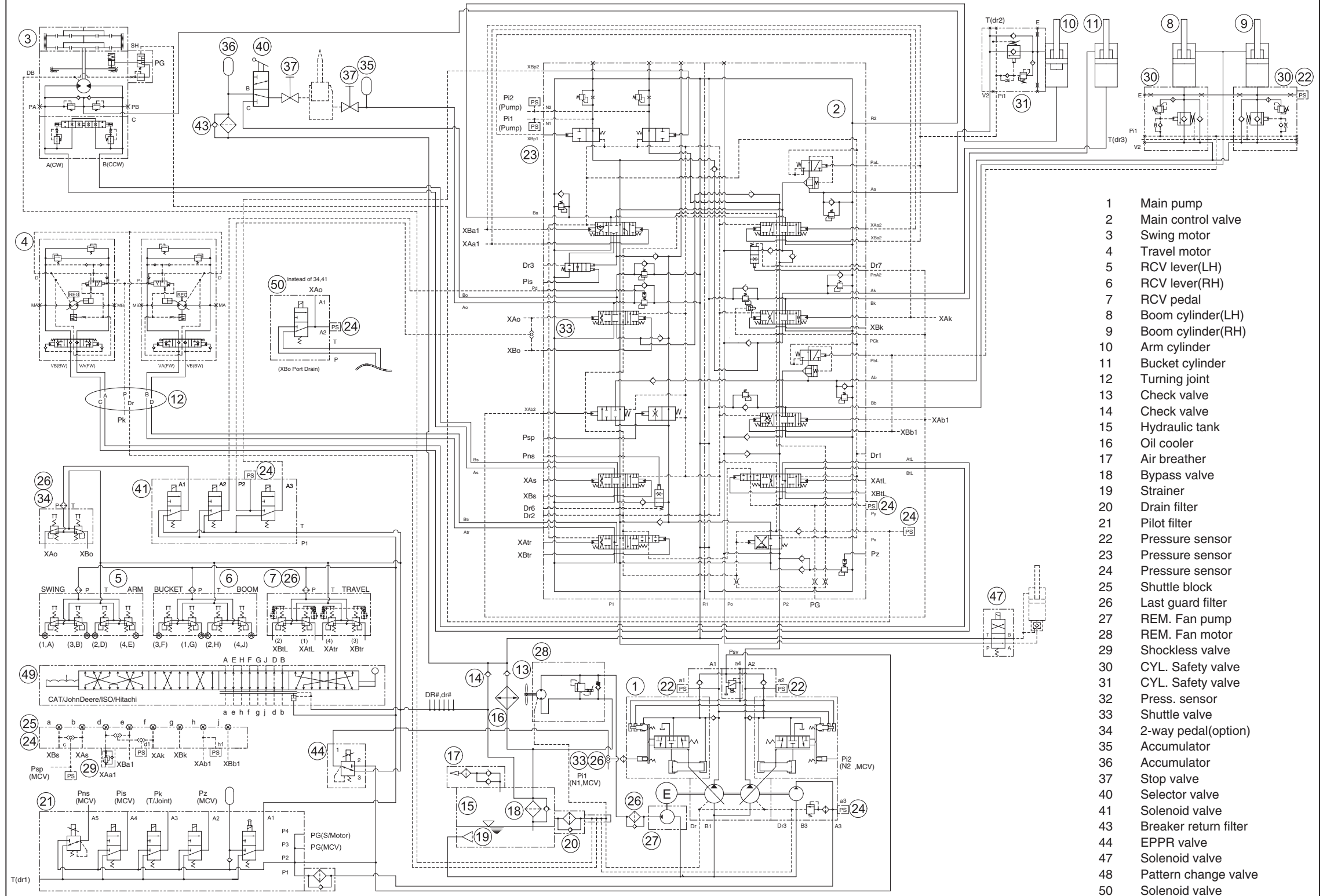




- 1 Main pump
- 2 Main control valve
- 13 Check valve
- 14 Check valve
- 16 Oil cooler
- 22 Pressure sensor
- 24 Pressure sensor
- 26 Last guard filter
- 27 5-Shuttle valve(option)
- 30 Boom safety valve(option)
- 31 Arm safety valve(option)
- 34 2-Way pedal(option)
- 35 Accumulator(option)
- 36 Accumulator(option)
- 37 Stop valve(option)
- 39 Pro relief valve(option)
- 41 3-solenoid valve(option)
- 42 Pilot selector valve(option)
- 44 Solenoid valve(option)
- 46 Boom floating valve(option)
- 47 Solenoid valve(option)
- 48 Solenoid valve(option)
- 49 Solenoid valve(option)
- 50 Pattern change valve(option)
- 51 Solenoid valve(option)
- 54 Solenoid valve(option)
- 56 Proportional valve(option)
- 57 Gear pump(option)
- 62 2 PCS safety valve(option)
- 63 2 Way pedal(option)
- 64 Control valve(option)
- 67 2 PCS boom cylinder(option)

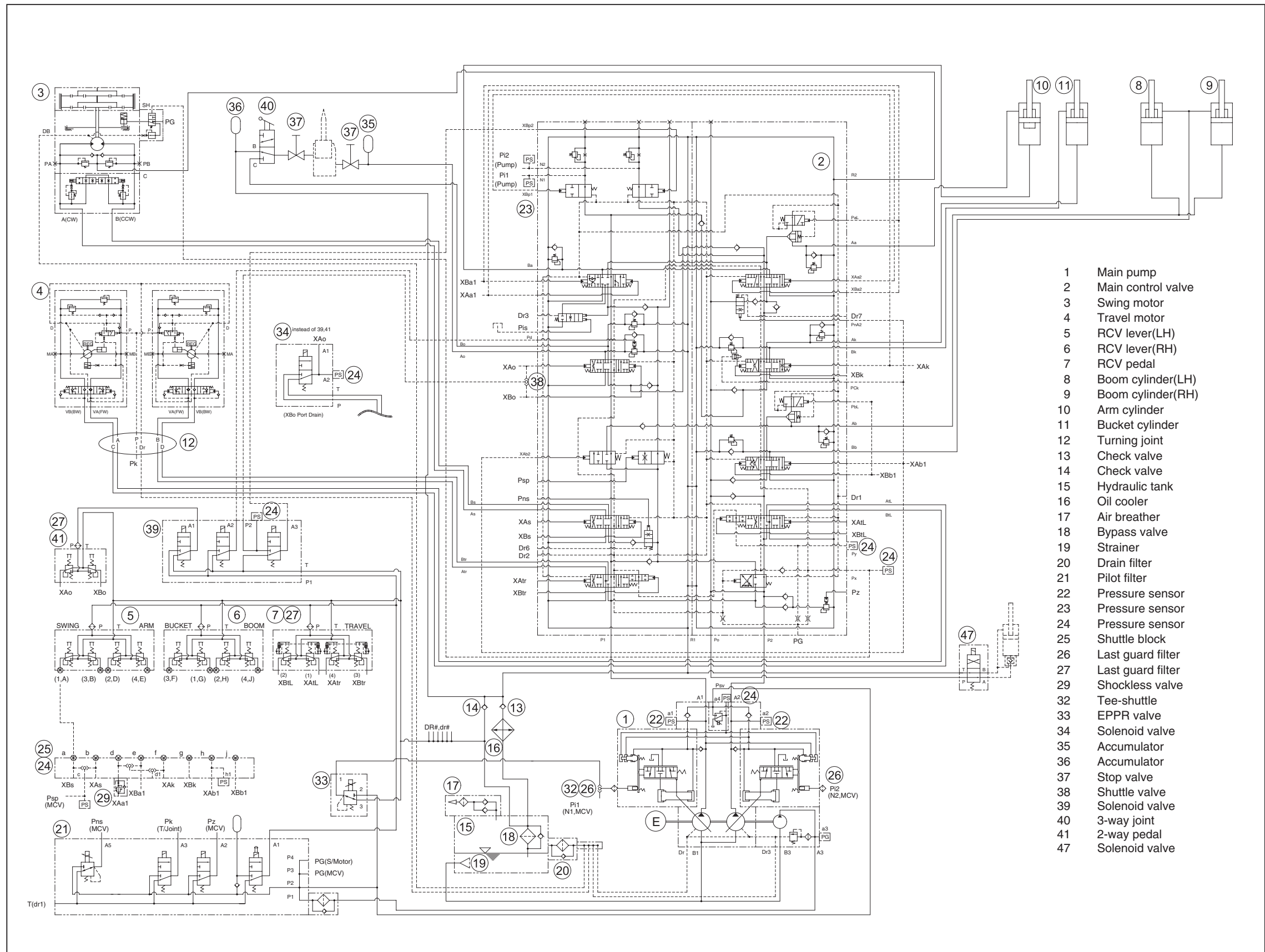


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 REM. Fan pump
- 28 REM. Fan motor
- 29 CYL. Safety V/V
- 30 CYL. Safety V/V
- 31 CYL. Safety V/V
- 32 Press. sensor
- 33 Shuttle valve
- 34 2-way pedal(option)
- 35 Accumulator
- 36 Accumulator
- 37 Stop valve
- 40 Selector valve
- 41 Solenoid valve
- 43 Breaker return filter
- 44 EPPR valve
- 47 Solenoid valve
- 48 Pattern change valve
- 50 Solenoid valve

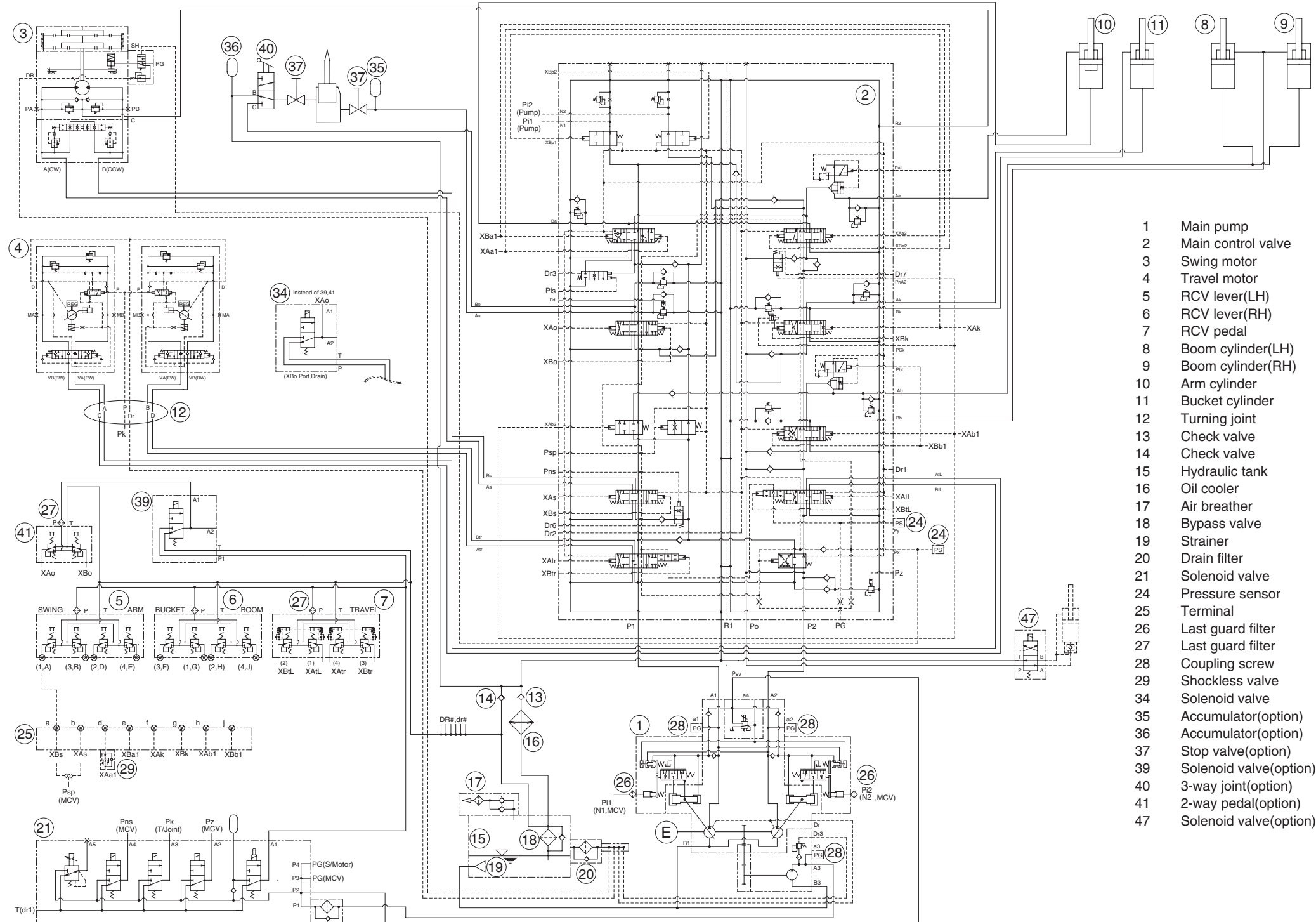


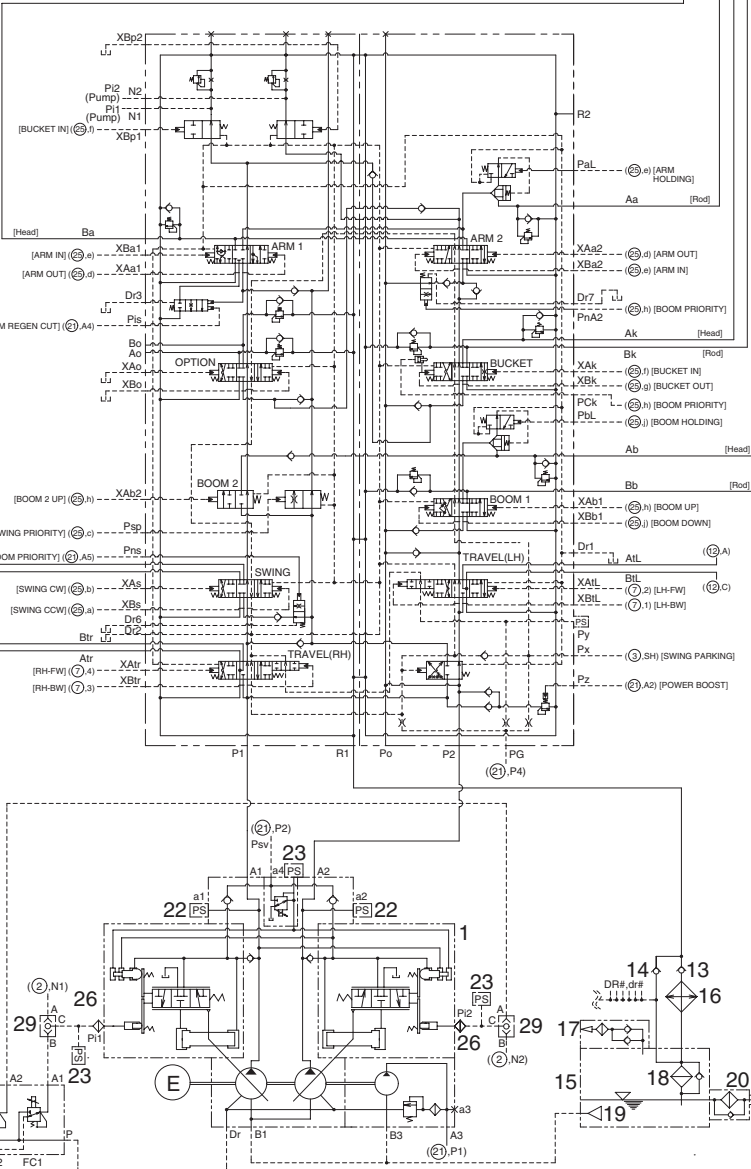
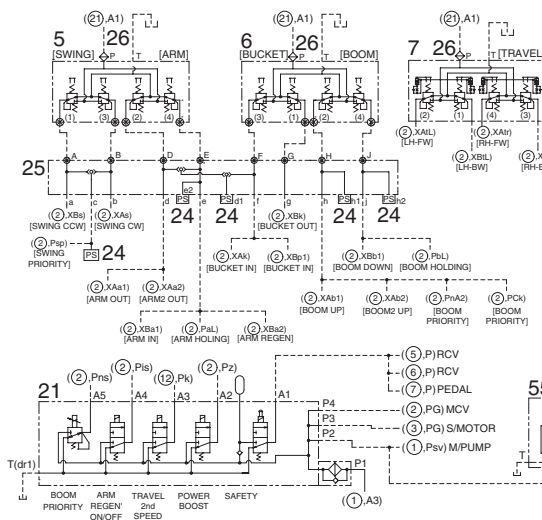
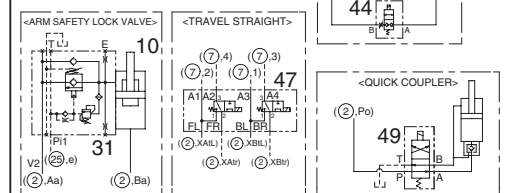
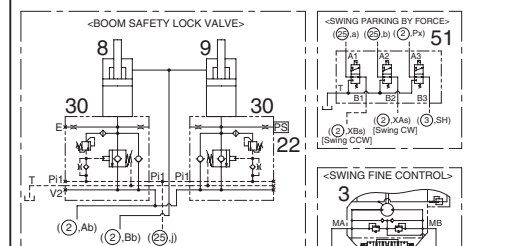
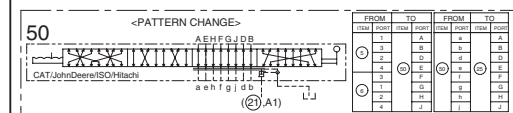
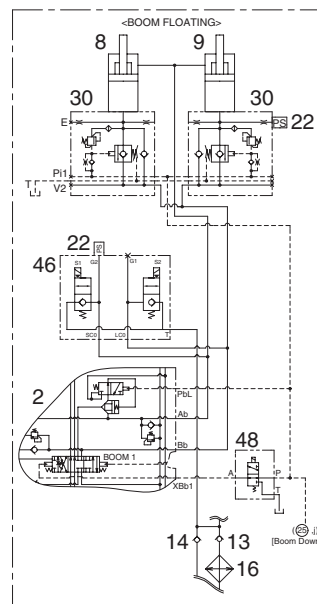
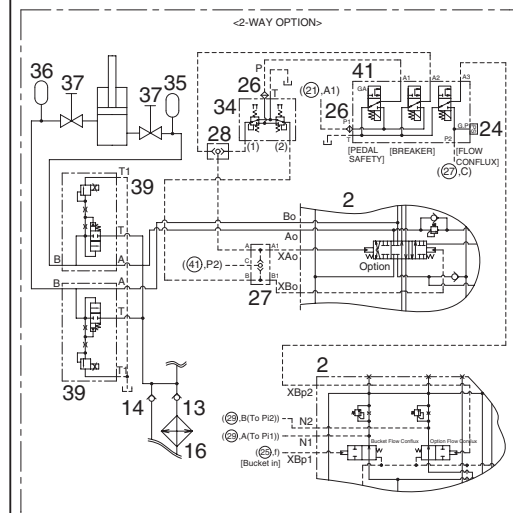
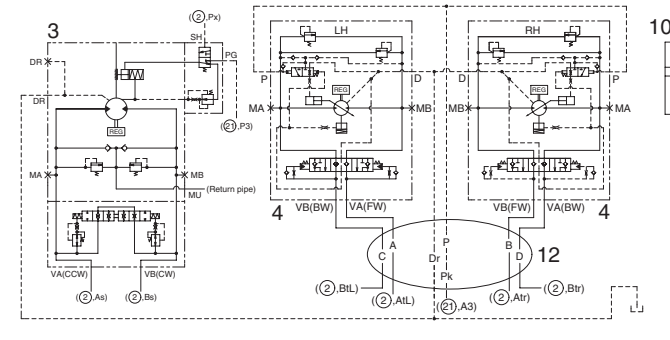
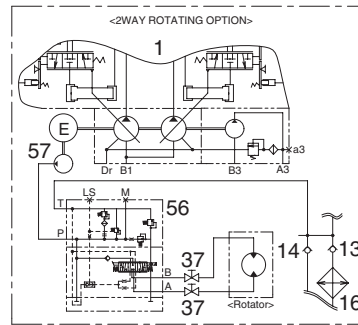
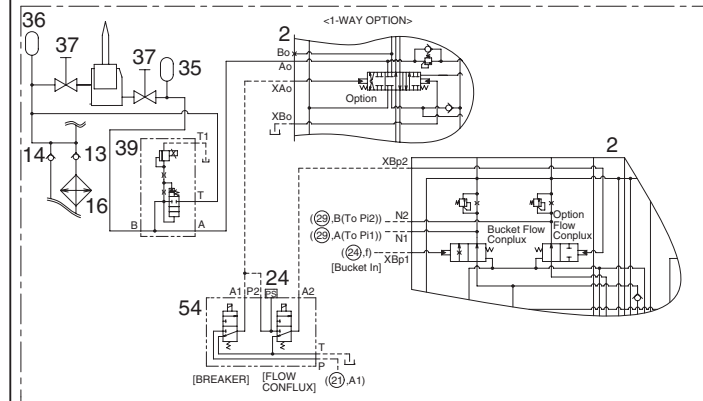
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 REM. Fan pump
- 28 REM. Fan motor
- 29 Shockless valve
- 30 CYL. Safety valve
- 31 CYL. Safety valve
- 32 Press. sensor
- 33 Shuttle valve
- 34 2-way pedal(option)
- 35 Accumulator
- 36 Accumulator
- 37 Stop valve
- 40 Selector valve
- 41 Solenoid valve
- 43 Breaker return filter
- 44 EPPR valve
- 47 Solenoid valve
- 48 Pattern change valve
- 50 Solenoid valve

- R330LC-9S(Cluster Type 1, #0001~)
- R330LC-9SH(Cluster Type 1, #0001~)

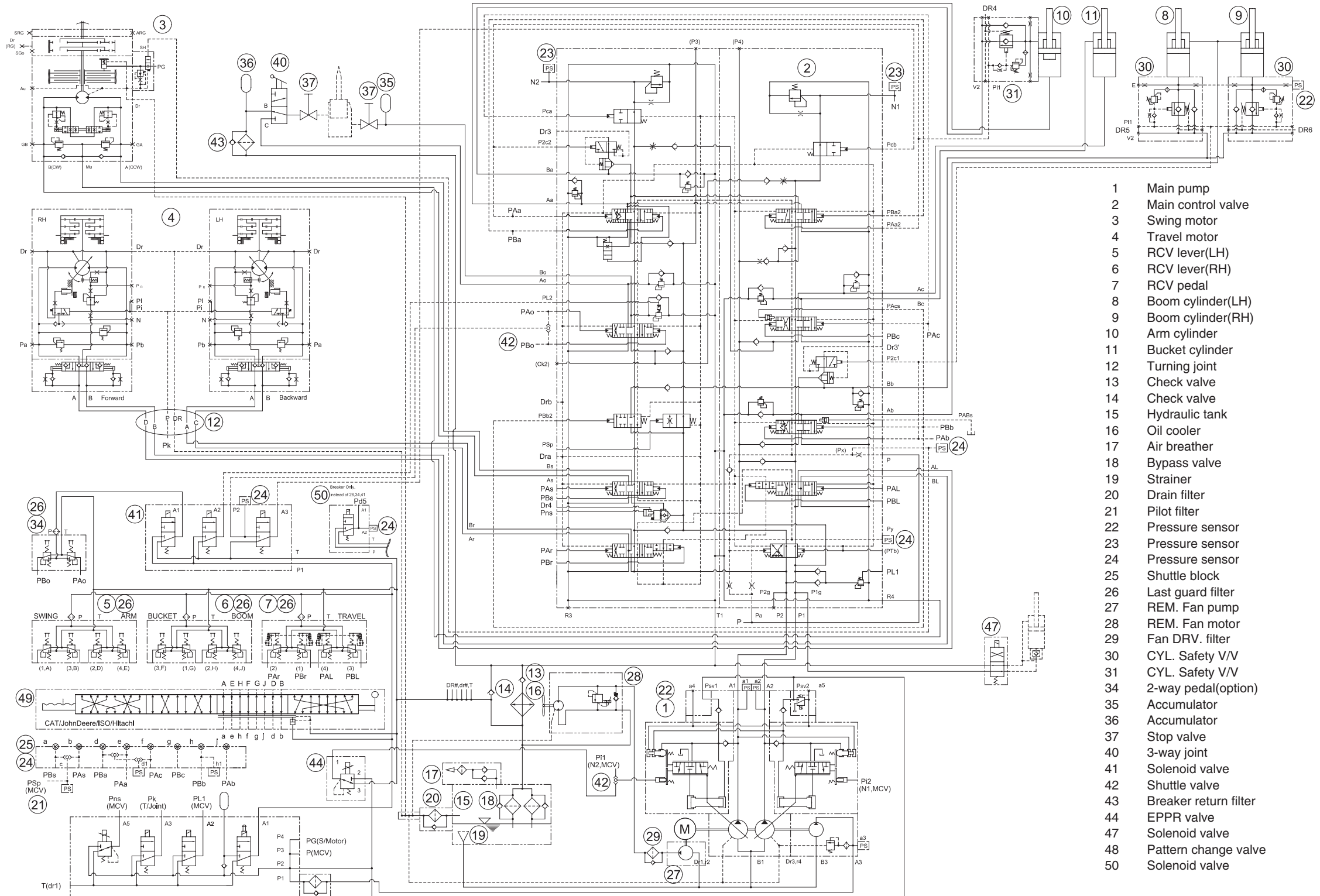


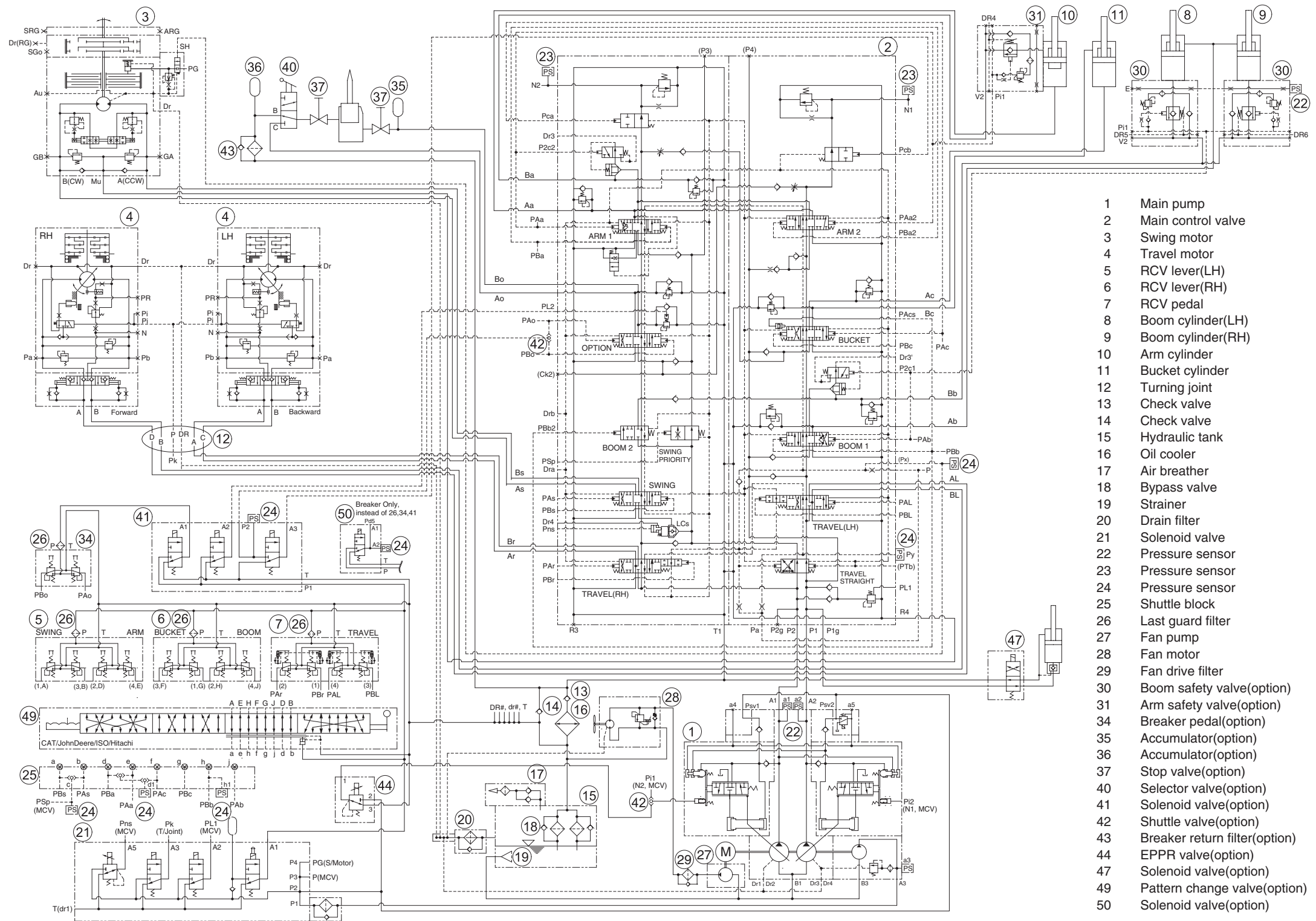
- R330LC-9S(Cluster Type 2, #0001~)
- R330LC-9SH(Cluster Type 2, #0001~)

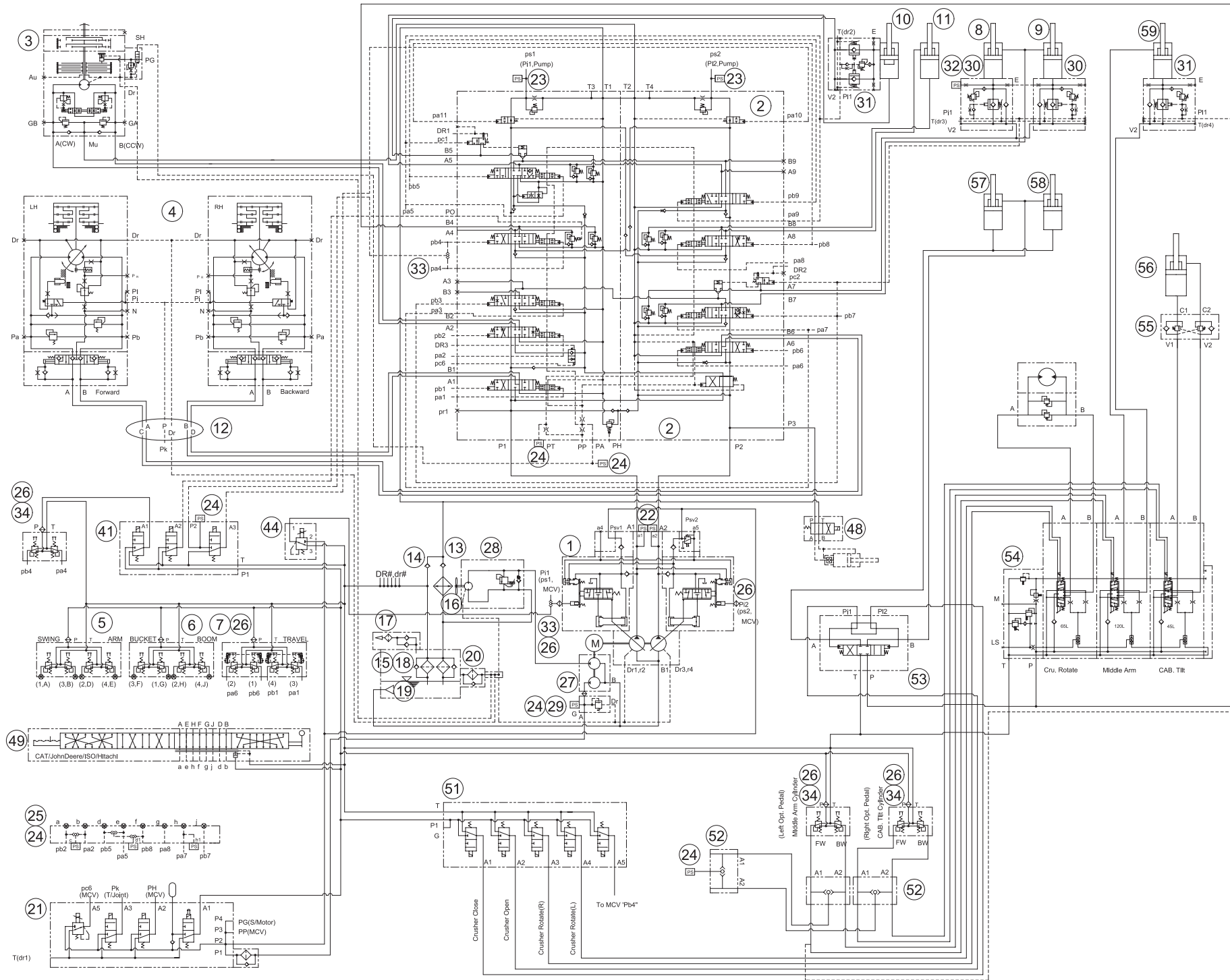




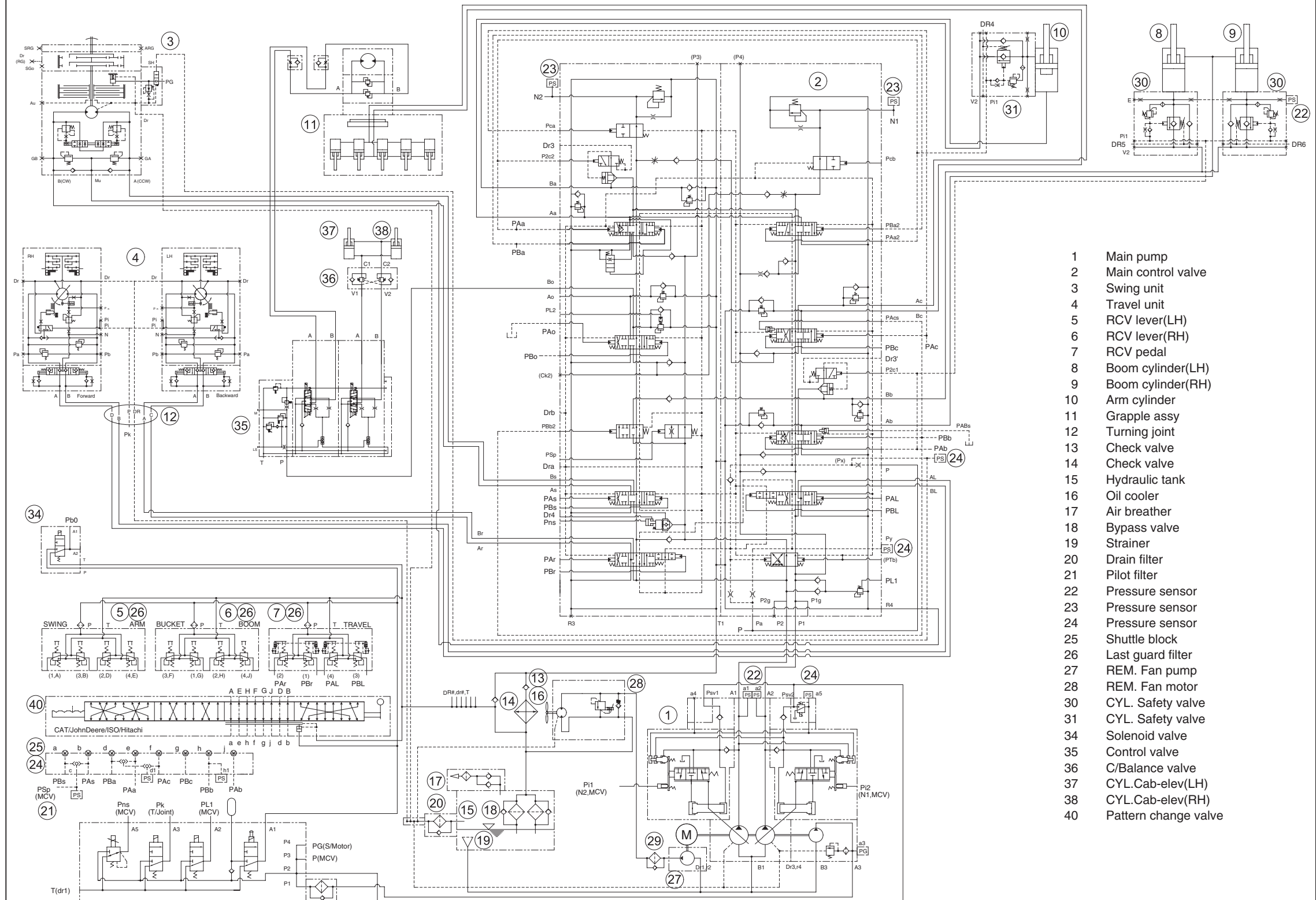
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Solenoid valve
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 5-Shuttle valve(option)
- 29 Tee shuttle
- 30 Boom safety valve(option)
- 31 Arm safety valve(option)
- 34 2-Way pedal(option)
- 35 Accumulator(option)
- 36 Accumulator(option)
- 37 Stop valve(option)
- 39 Pro relief valve(option)
- 41 3-solenoid valve(option)
- 42 Pilot selector valve(option)
- 44 Solenoid valve(option)
- 46 Boom floating valve(option)
- 47 Solenoid valve(option)
- 48 Solenoid valve(option)
- 49 Solenoid valve(option)
- 50 Pattern change valve(option)
- 51 Solenoid valve(option)
- 54 Solenoid valve(option)
- 55 2-Eppr valve(option)
- 56 Proportional valve(option)
- 57 Gear pump(option)
- 59 Shockless valve
- 60 Shockless valve



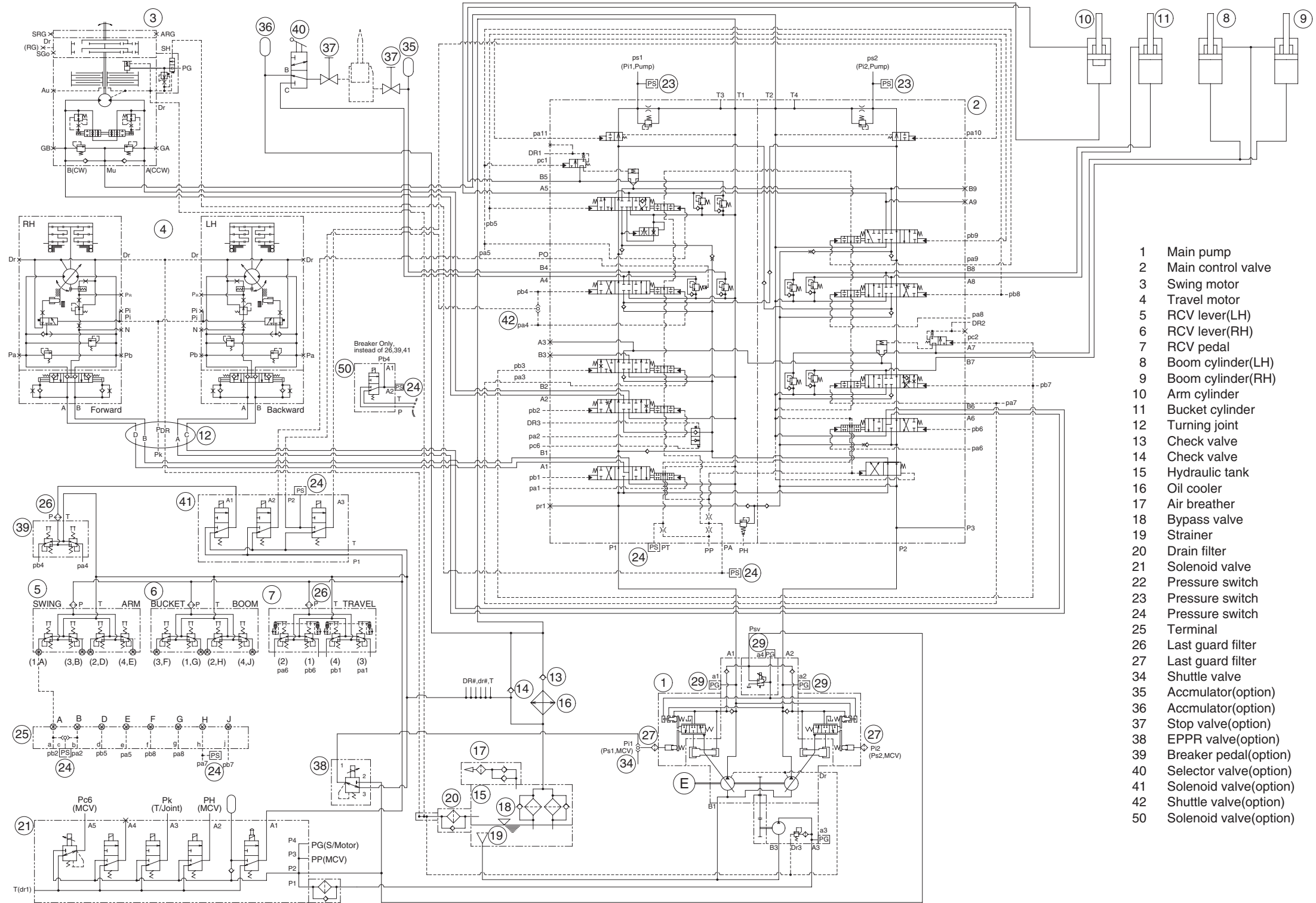




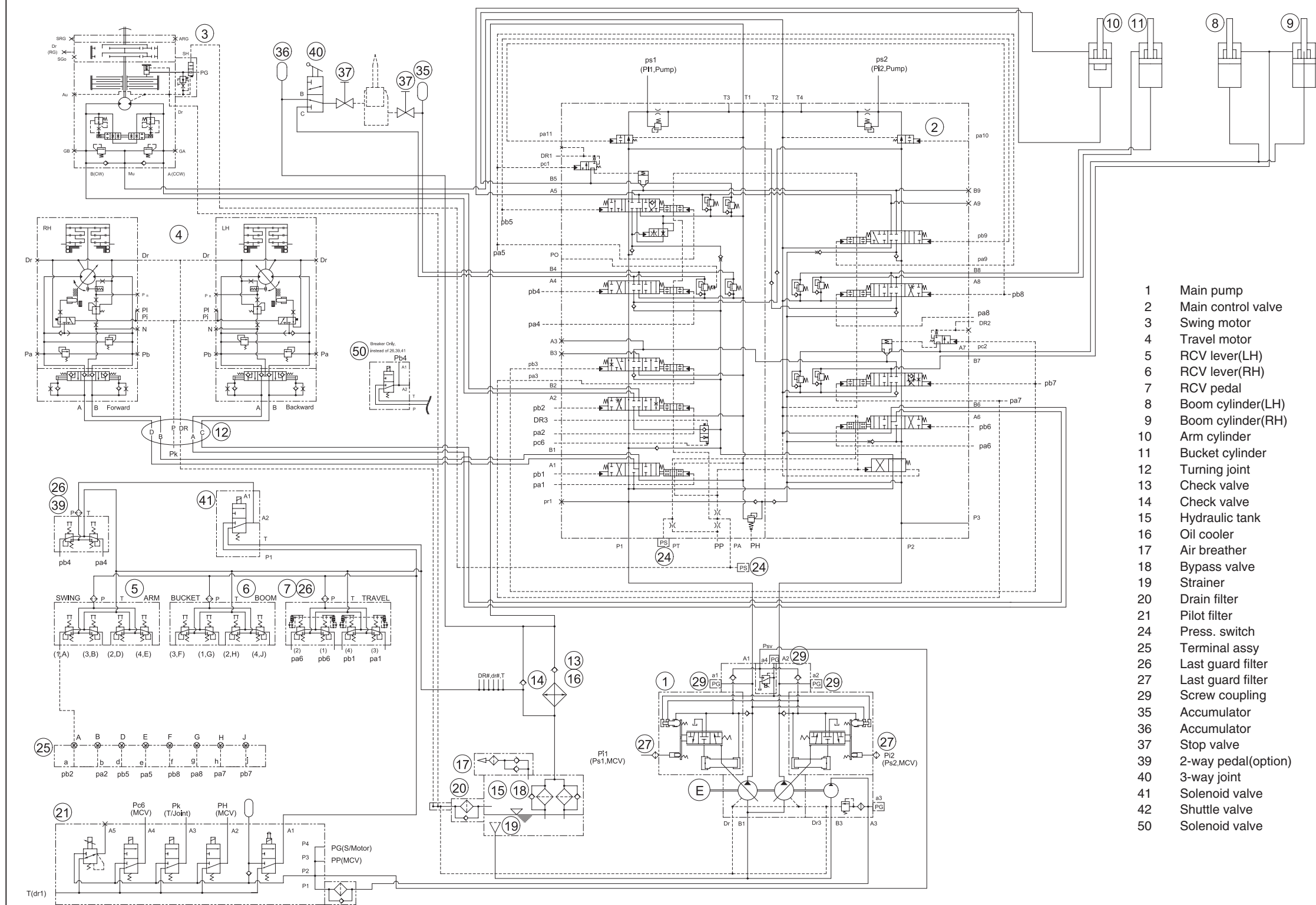
- 1 Main pump
- 2 Main control valve
- 3 Swing unit
- 4 Travel unit
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 REM. Fan pump
- 28 REM. Fan motor
- 30 CYL. Safety valve
- 31 CYL. Safety valve
- 32 Press sensor
- 33 Shuttle valve
- 34 2-way pedal
- 41 Solenoid valve
- 48 Solenoid valve
- 49 Pattern change valve
- 51 5-Solenoid valve
- 52 Shuttle valve
- 53 CRU. Control valve
- 54 Control valve
- 55 C/Balance valve
- 56 CYL. Cab tilt
- 57 CYL. Crusher(LH)
- 58 CYL. Crusher(RH)
- 59 CYL. Mid arm

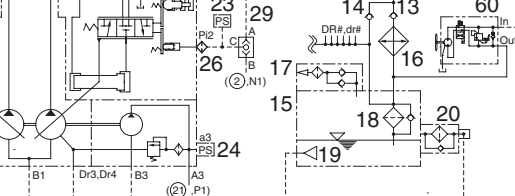
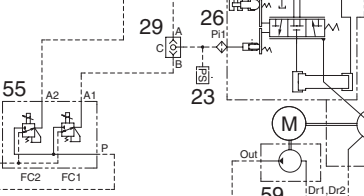
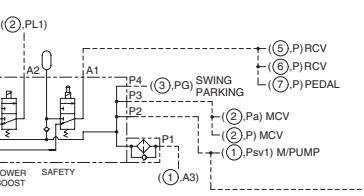
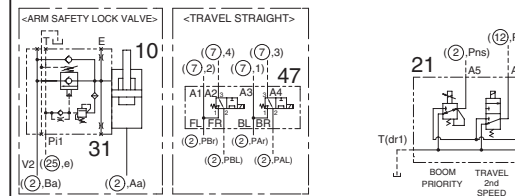
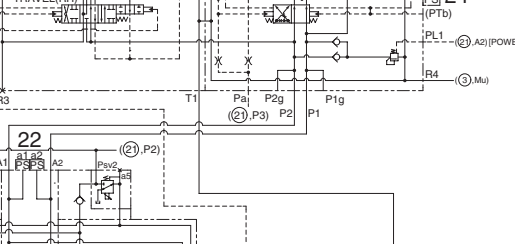
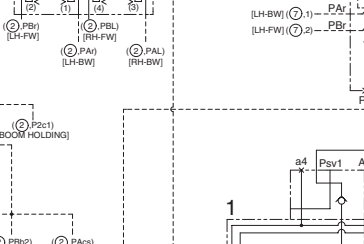
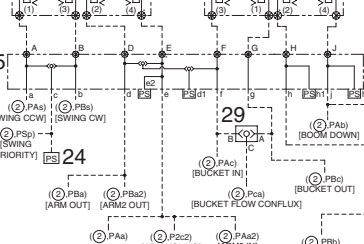
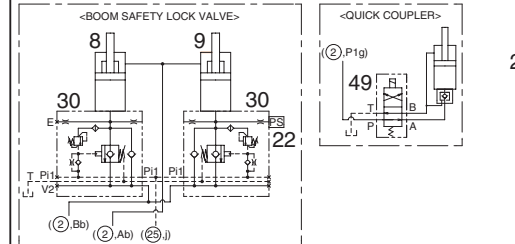
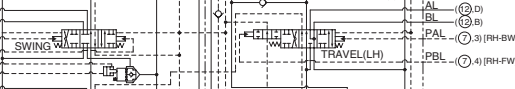
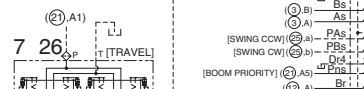
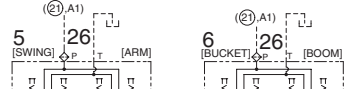
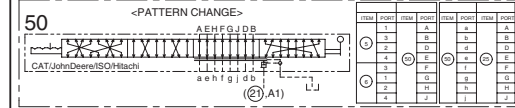
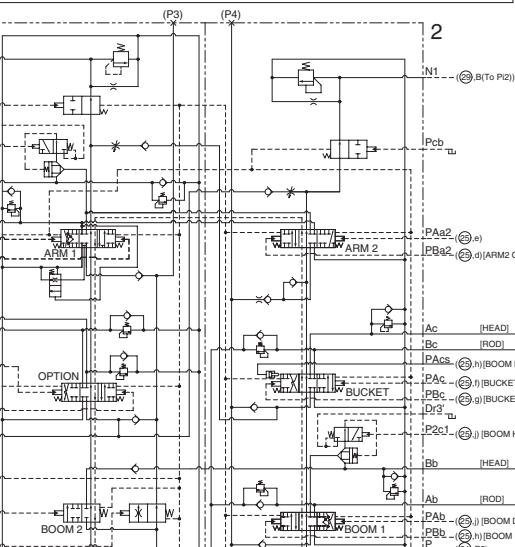
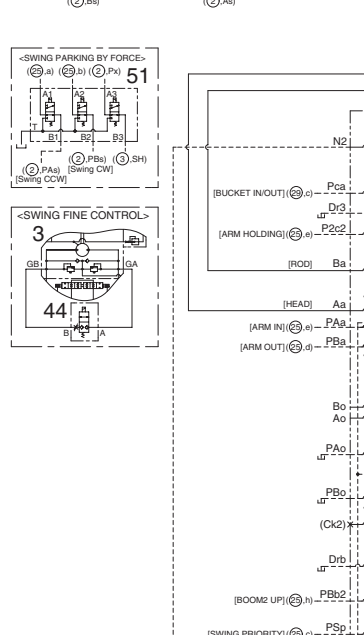
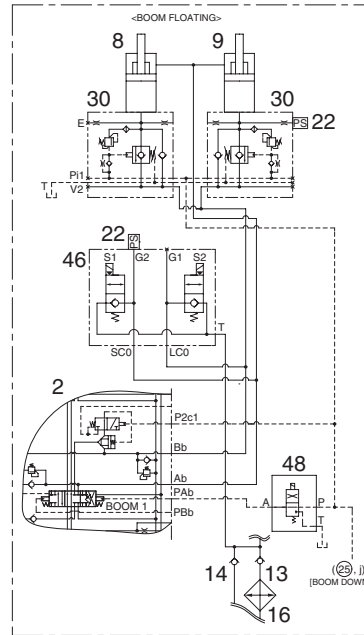
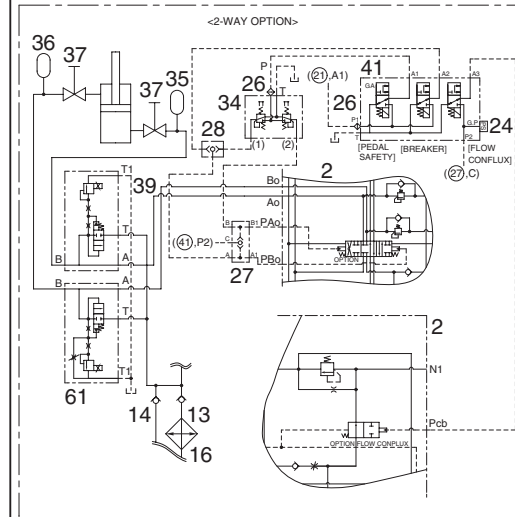
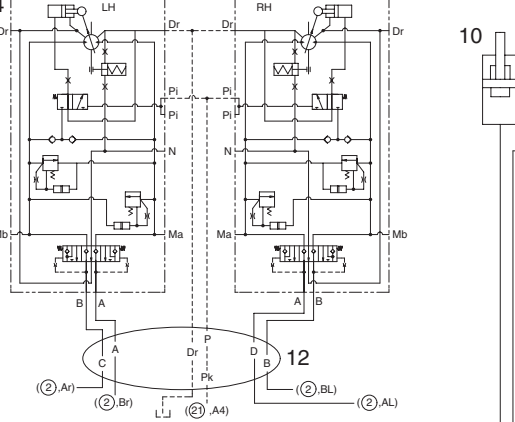
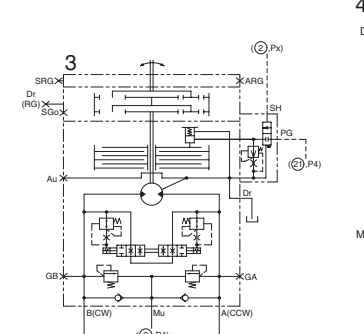
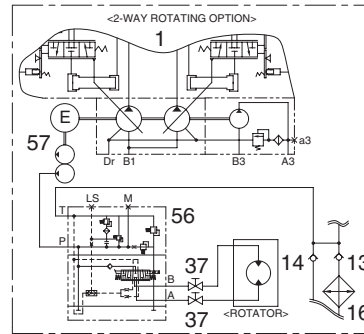
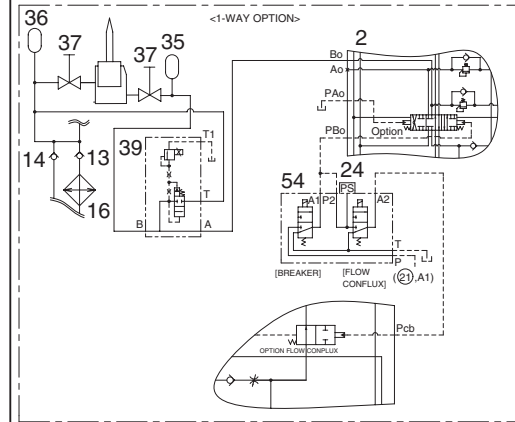


- 1 Main pump
- 2 Main control valve
- 3 Swing unit
- 4 Travel unit
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Grapple assy
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 REM. Fan pump
- 28 REM. Fan motor
- 30 CYL. Safety valve
- 31 CYL. Safety valve
- 34 Solenoid valve
- 35 Control valve
- 36 C/Balance valve
- 37 CYL.Cab-elev(LH)
- 38 CYL.Cab-elev(RH)
- 40 Pattern change valve

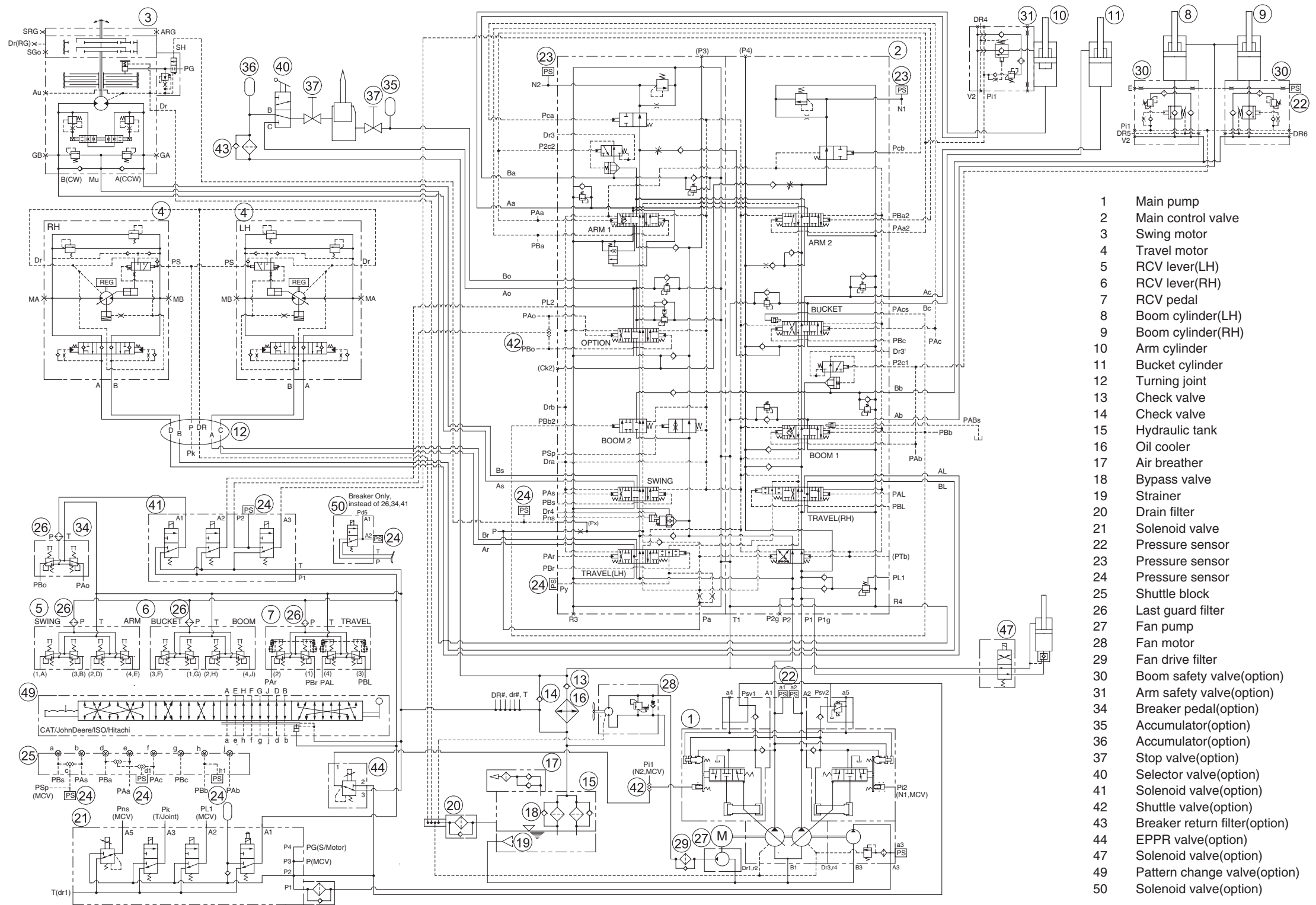


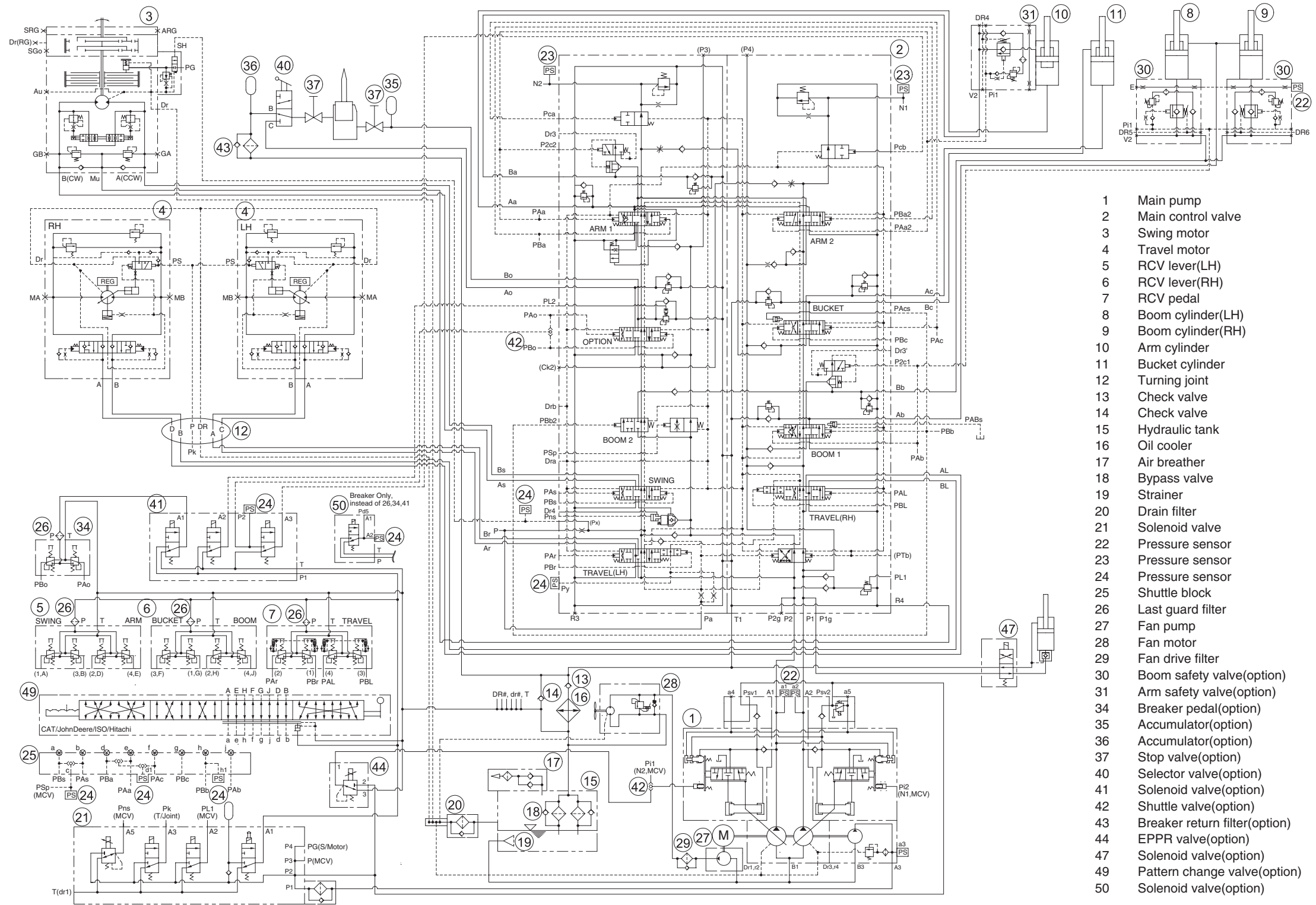
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Solenoid valve
- 22 Pressure switch
- 23 Pressure switch
- 24 Pressure switch
- 25 Terminal
- 26 Last guard filter
- 27 Last guard filter
- 34 Shuttle valve
- 35 Accumulator(option)
- 36 Accumulator(option)
- 37 Stop valve(option)
- 38 EPPR valve(option)
- 39 Breaker pedal(option)
- 40 Selector valve(option)
- 41 Solenoid valve(option)
- 42 Shuttle valve(option)
- 50 Solenoid valve(option)



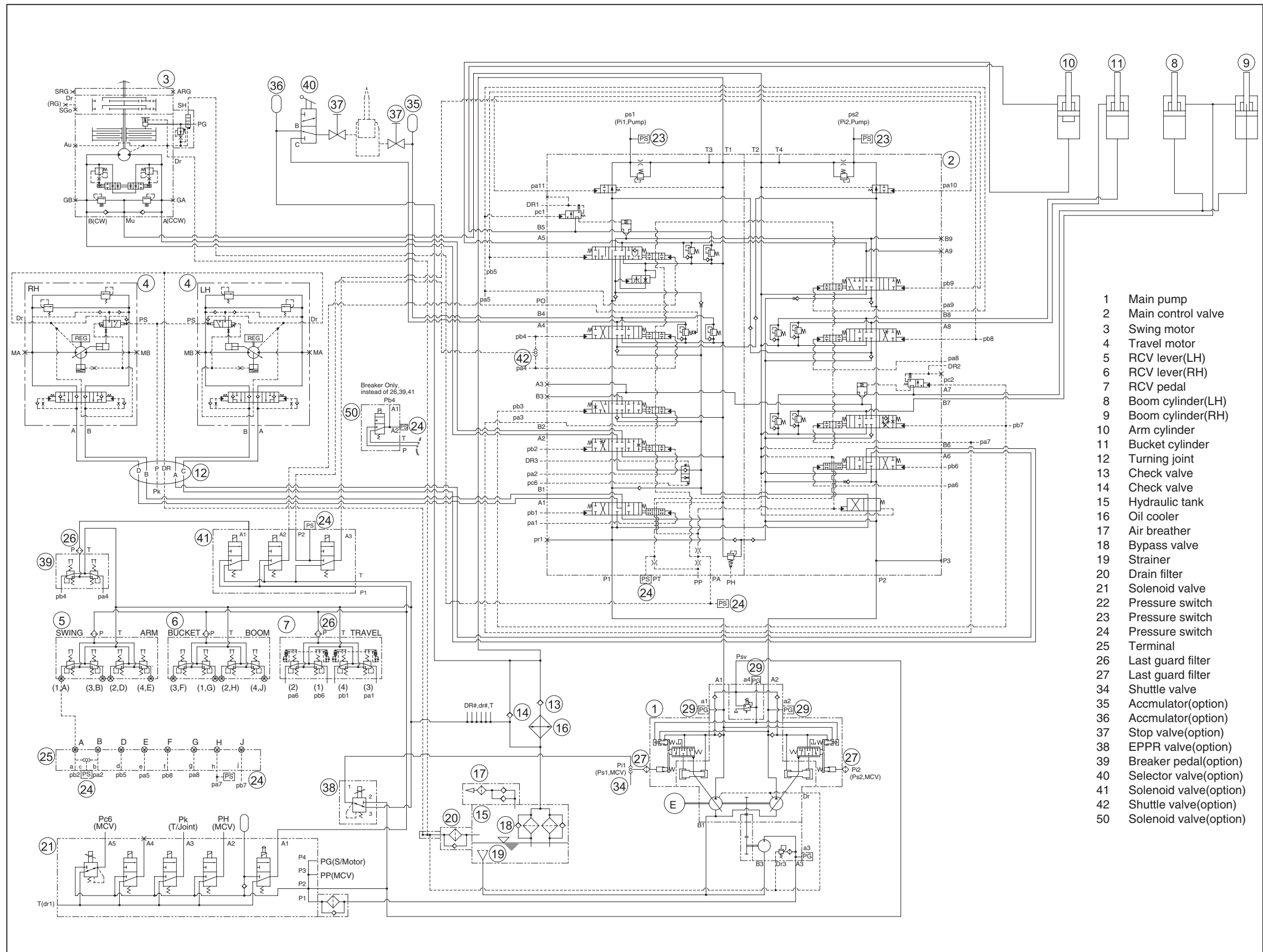


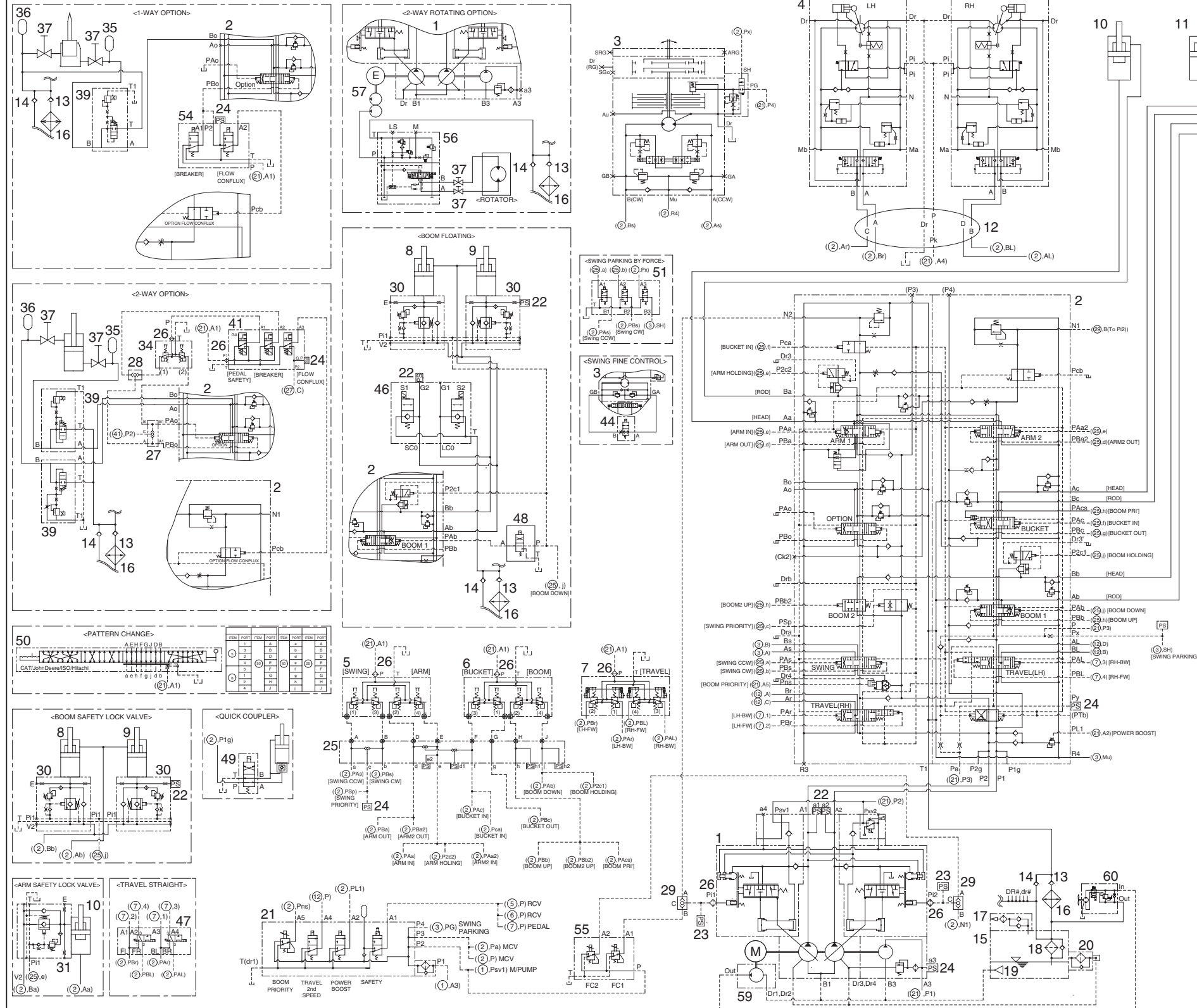
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Return filter
- 19 Suction strainer
- 20 Drain filter
- 21 4-cartridge valve
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 5-shuttle valve(option)
- 28 Tee shuttle(option)
- 29 Tee shuttle
- 30 Boom safety valve(option)
- 31 Arm safety valve(option)
- 34 2-way pedal(option)
- 35 Accumulator(option)
- 36 Accumulator(option)
- 37 Stop valve(option)
- 39 Pro relief valve(option)
- 41 3-solenoid valve(option)
- 44 Solenoid valve(option)
- 46 Boom floating valve(option)
- 47 Solenoid valve(option)
- 48 Solenoid valve(option)
- 49 Solenoid valve(option)
- 50 Pattern change valve(option)
- 51 Solenoid valve(option)
- 54 Solenoid valve(option)
- 55 2-EPPR valve
- 56 Proportional valve(option)
- 57 Gear pump(option)
- 58 RCV lever(LH/RH, option)
- 59 Remote fan pump
- 60 Remote fan motor
- 61 Pro relief valve(option)





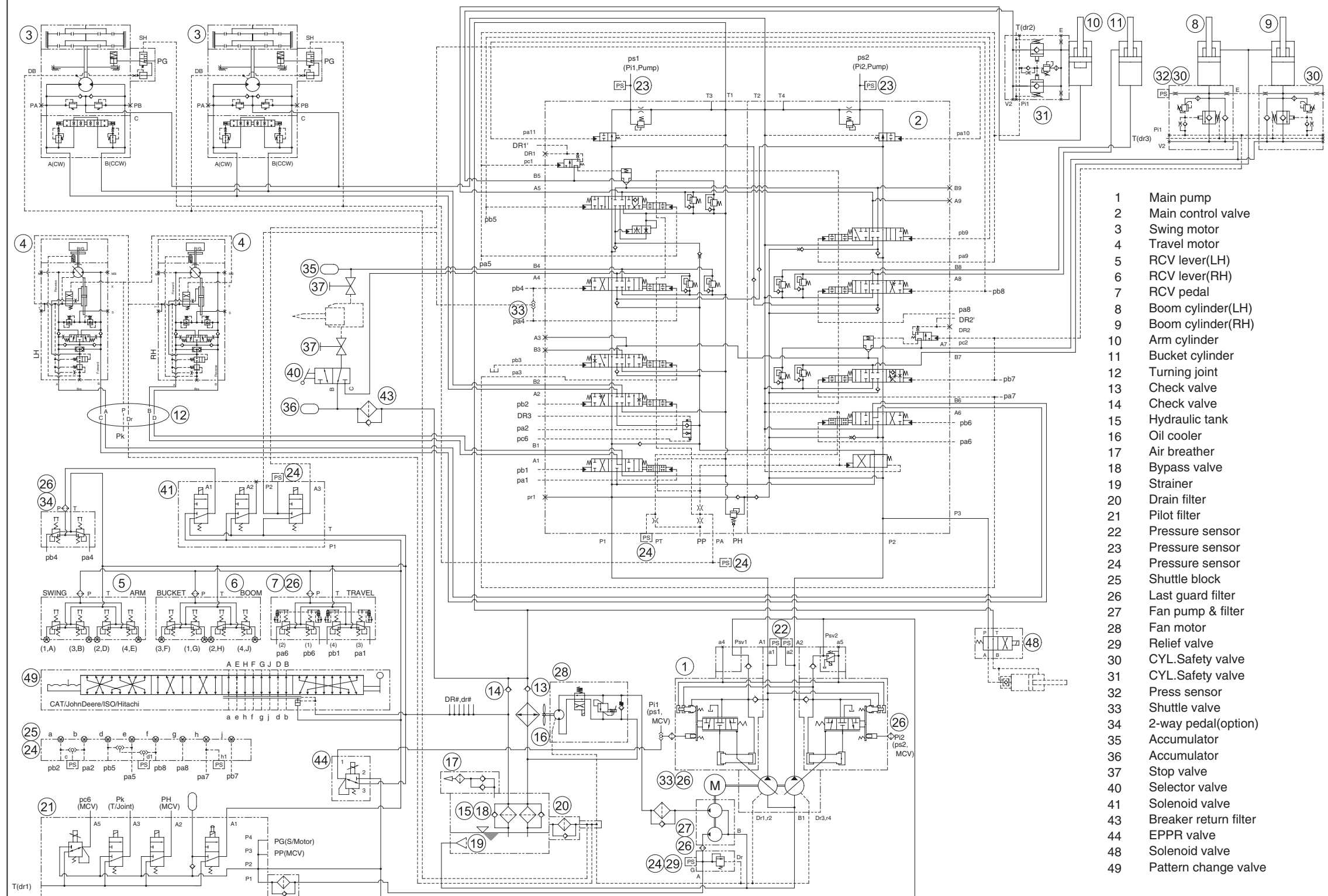
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Solenoid valve
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Fan pump
- 28 Fan motor
- 29 Fan drive filter
- 30 Boom safety valve(option)
- 31 Arm safety valve(option)
- 34 Breaker pedal(option)
- 35 Accumulator(option)
- 36 Accumulator(option)
- 37 Stop valve(option)
- 40 Selector valve(option)
- 41 Solenoid valve(option)
- 42 Shuttle valve(option)
- 43 Breaker return filter(option)
- 44 EPPR valve(option)
- 47 Solenoid valve(option)
- 49 Pattern change valve(option)
- 50 Solenoid valve(option)





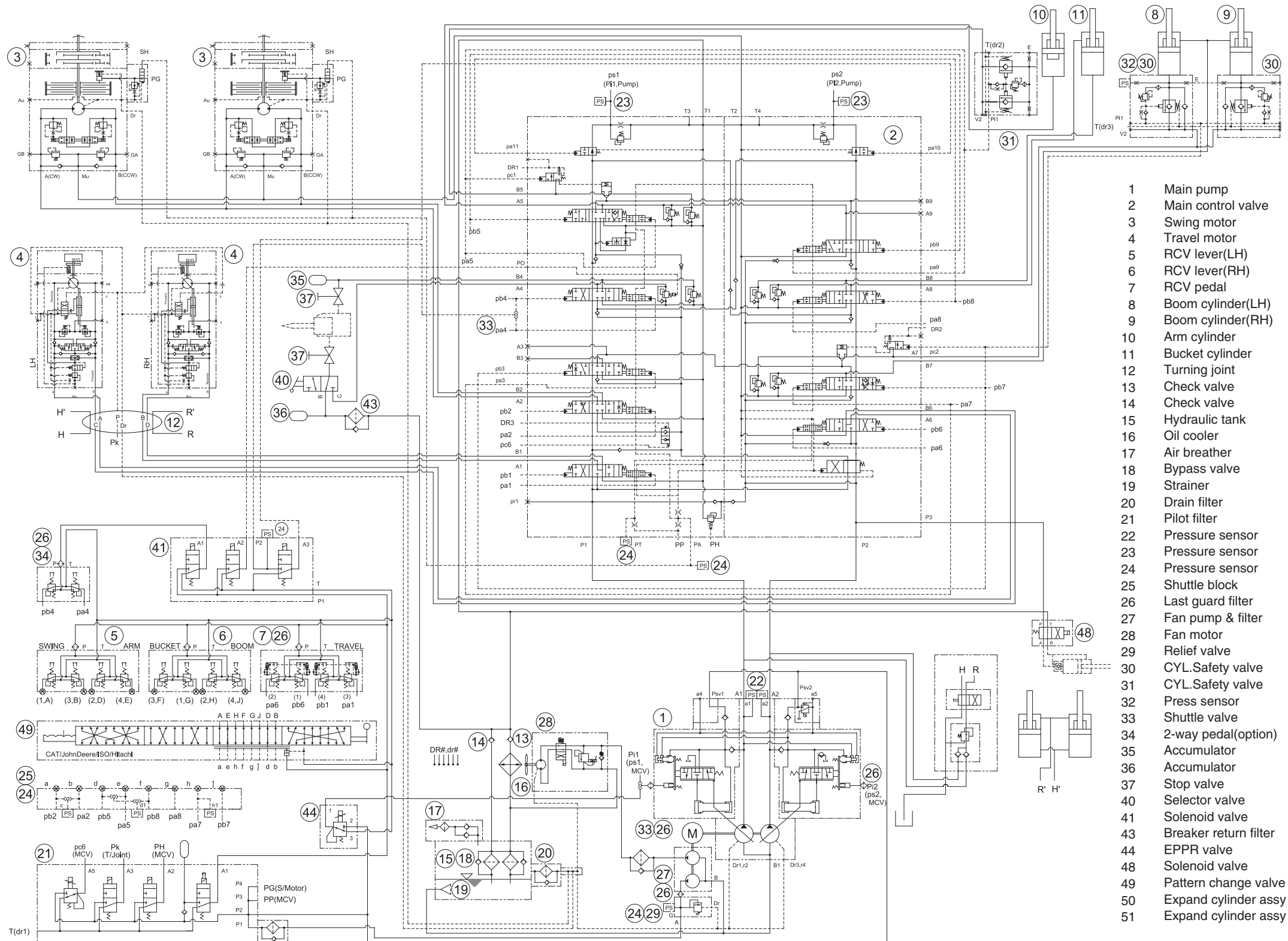
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Return filter
- 19 Suction strainer
- 20 Drain filter
- 21 4-cartridge valve
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 5-shuttle valve(option)
- 28 Tee shuttle(option)
- 29 Tee shuttle
- 30 Boom safety valve(option)
- 31 Arm safety valve(option)
- 34 2-way pedal(option)
- 35 Accumulator(option)
- 36 Accumulator(option)
- 37 Stop valve(option)
- 39 Pro relief valve(option)
- 41 3-solenoid valve(option)
- 44 Solenoid valve(option)
- 46 Boom floating valve(option)
- 47 Solenoid valve(option)
- 48 Solenoid valve(option)
- 49 Solenoid valve(option)
- 50 Pattern change valve(option)
- 51 Solenoid valve(option)
- 54 Solenoid valve(option)
- 55 2-EPPR valve
- 56 Proportional valve(option)
- 57 Gear pump(option)
- 58 RCV lever(LH/RH, option)
- 59 Remote fan pump
- 60 Remote fan motor

■ R480LC-9(CURRENT)
■ R520LC-9(CURRENT)



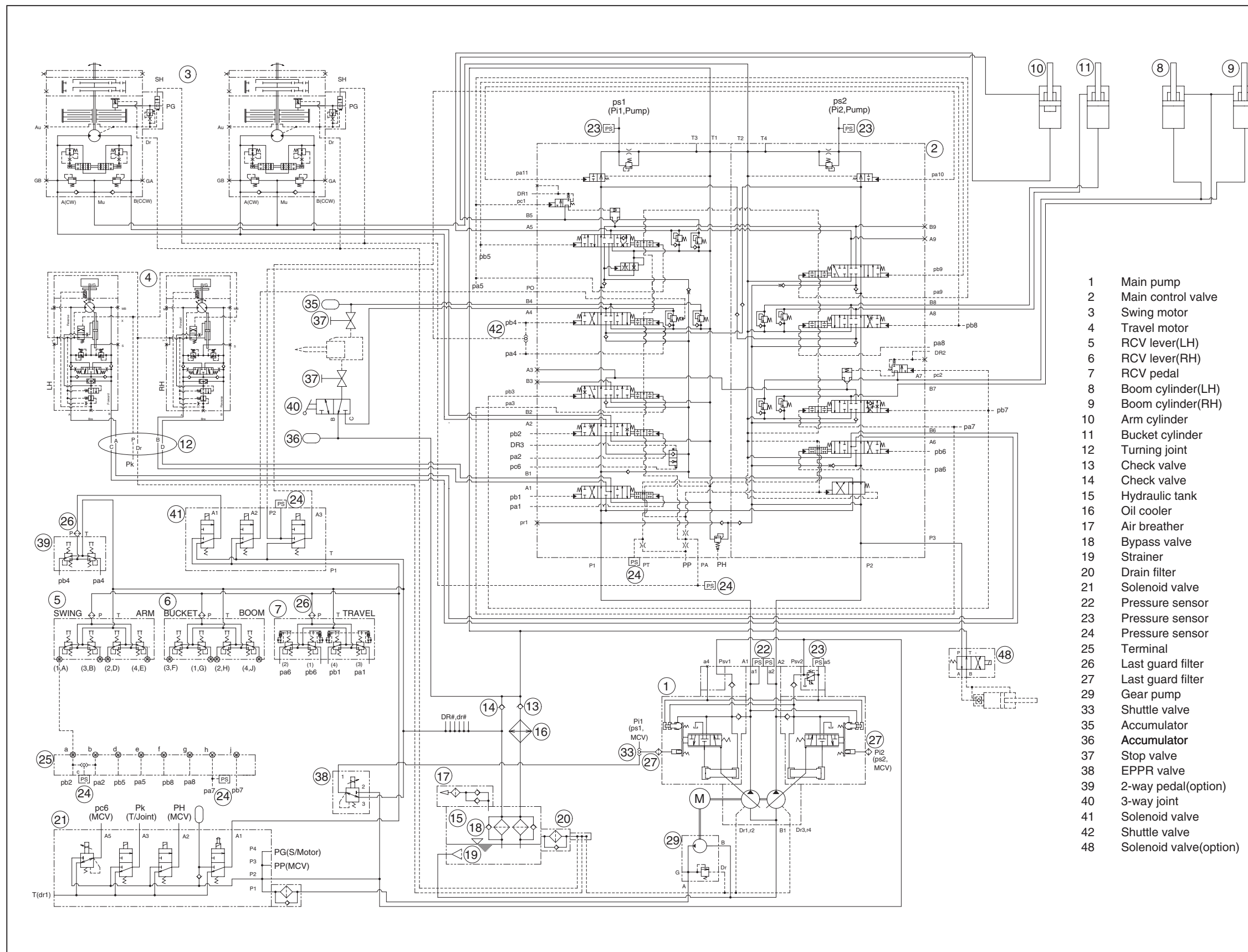
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Fan pump & filter
- 28 Fan motor
- 29 Relief valve
- 30 CYL.Safety valve
- 31 CYL.Safety valve
- 32 Press sensor
- 33 Shuttle valve
- 34 2-way pedal(option)
- 35 Accumulator
- 36 Accumulator
- 37 Stop valve
- 40 Selector valve
- 41 Solenoid valve
- 43 Breaker return filter
- 44 EPPR valve
- 48 Solenoid valve
- 49 Pattern change valve

■ R480LC-9A(#0001~)
■ R520LC-9A(#0001~)



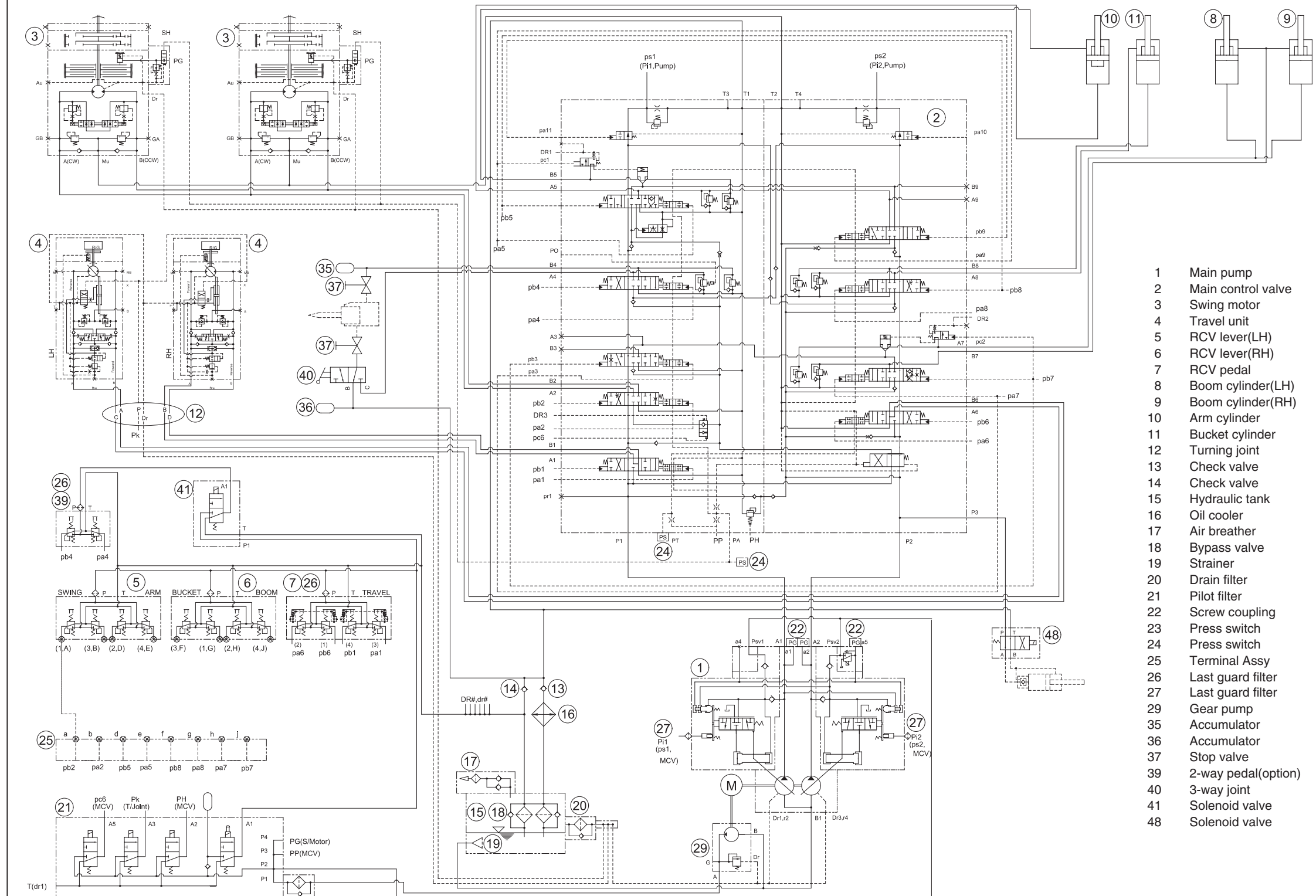
- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Fan pump & filter
- 28 Fan motor
- 29 Relief valve
- 30 CYL.Safety valve
- 31 CYL.Safety valve
- 32 Press sensor
- 33 Shuttle valve
- 34 2-way pedal(option)
- 35 Accumulator
- 36 Accumulator
- 37 Stop valve
- 40 Selector valve
- 41 Solenoid valve
- 43 Breaker return filter
- 44 EPPR valve
- 48 Solenoid valve
- 49 Pattern change valve
- 50 Expand cylinder assy
- 51 Expand cylinder assy

- R480LC-9S(Cluster Type 1, #0001~)
- R520LC-9S(Cluster Type 1, #0001~)

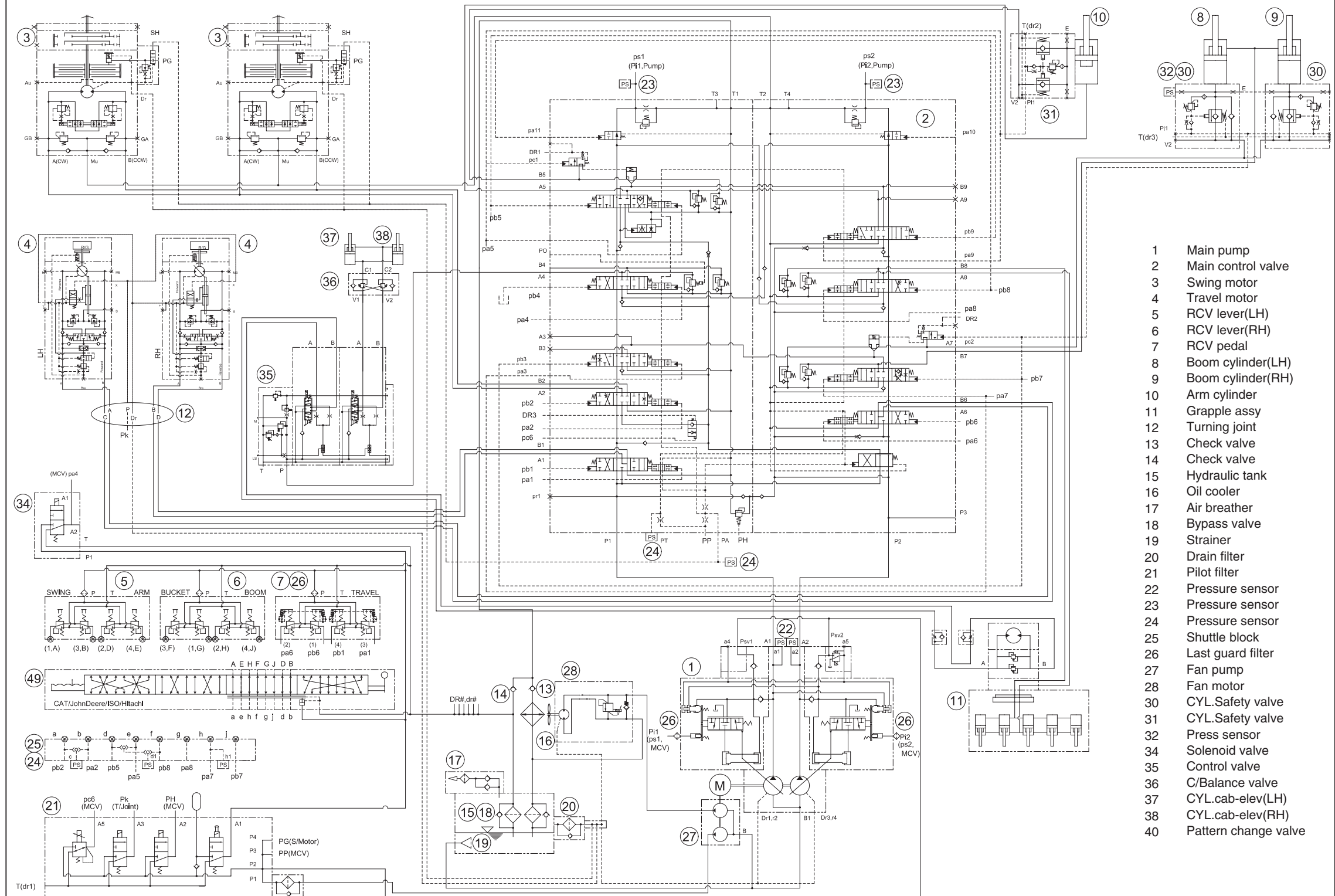


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Solenoid valve
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Terminal
- 26 Last guard filter
- 27 Last guard filter
- 29 Gear pump
- 33 Shuttle valve
- 35 Accumulator
- 36 Accumulator
- 37 Stop valve
- 38 EPPR valve
- 39 2-way pedal(option)
- 40 3-way joint
- 41 Solenoid valve
- 42 Shuttle valve
- 48 Solenoid valve(option)

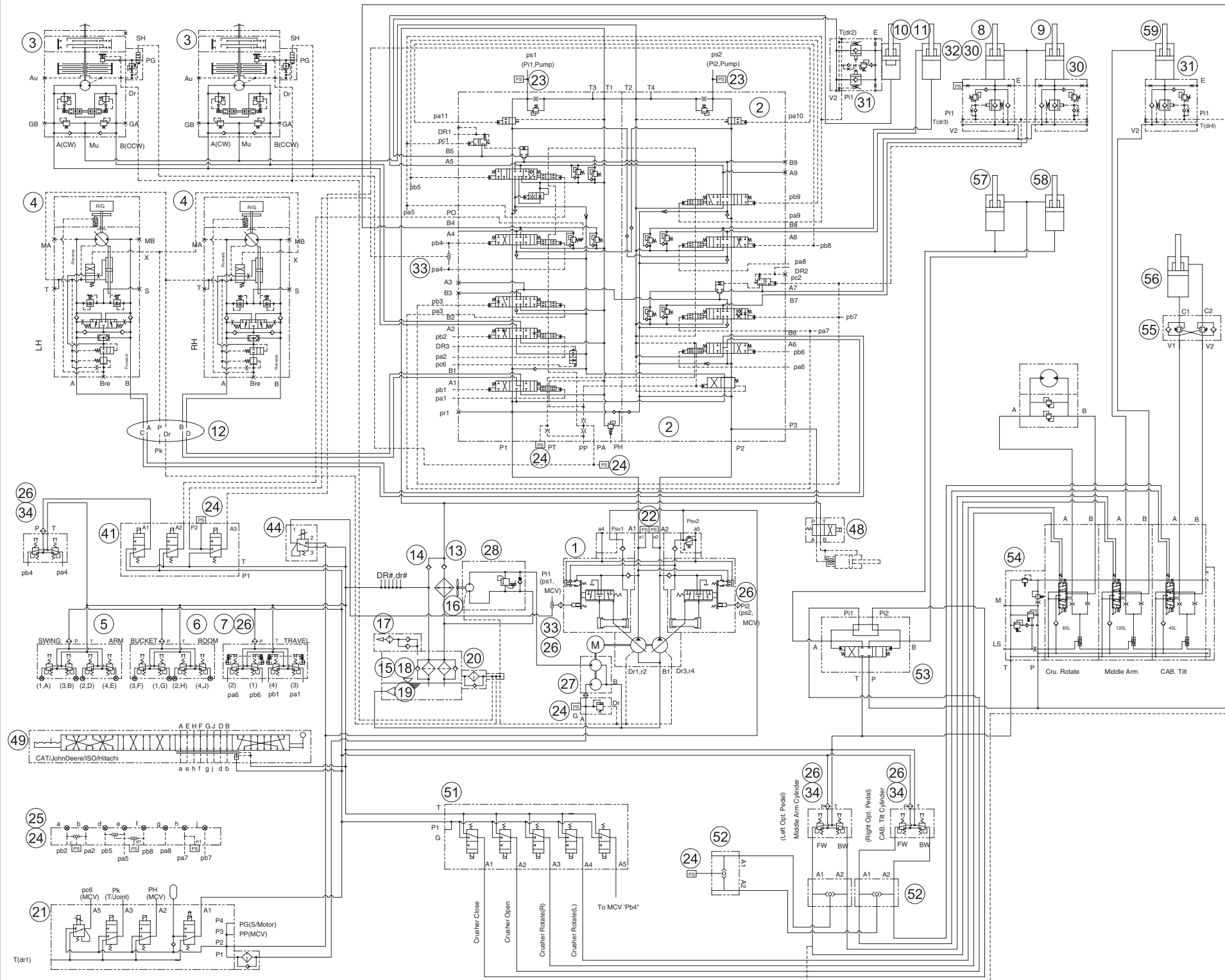
- R480LC-9S(Cluster Type 2, #0001~)
- R520LC-9S(Cluster Type 2, #0001~)



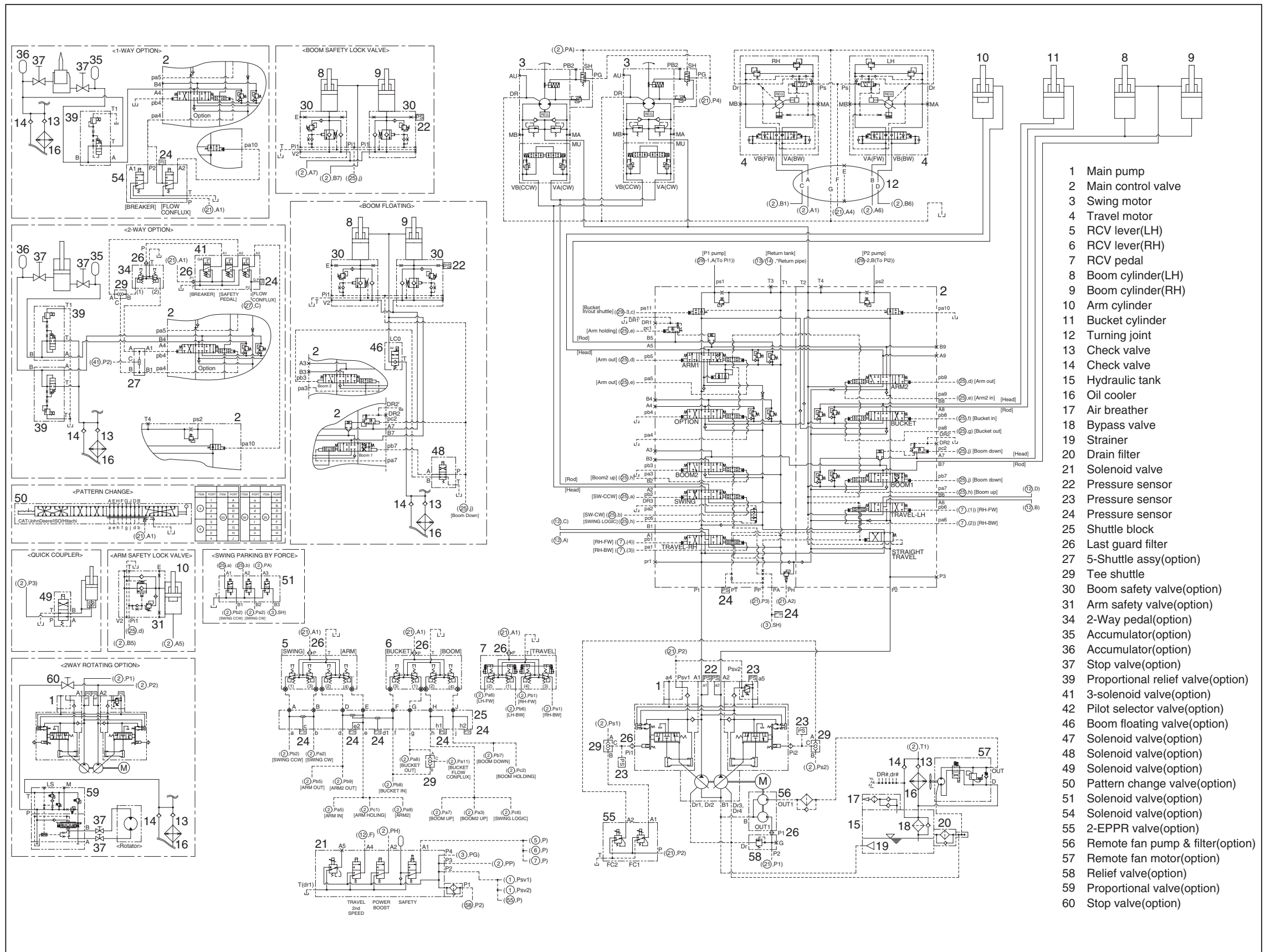
- | | |
|----|---------------------|
| 1 | Main pump |
| 2 | Main control valve |
| 3 | Swing motor |
| 4 | Travel unit |
| 5 | RCV lever(LH) |
| 6 | RCV lever(RH) |
| 7 | RCV pedal |
| 8 | Boom cylinder(LH) |
| 9 | Boom cylinder(RH) |
| 10 | Arm cylinder |
| 11 | Bucket cylinder |
| 12 | Turning joint |
| 13 | Check valve |
| 14 | Check valve |
| 15 | Hydraulic tank |
| 16 | Oil cooler |
| 17 | Air breather |
| 18 | Bypass valve |
| 19 | Strainer |
| 20 | Drain filter |
| 21 | Pilot filter |
| 22 | Screw coupling |
| 23 | Press switch |
| 24 | Press switch |
| 25 | Terminal Assy |
| 26 | Last guard filter |
| 27 | Last guard filter |
| 29 | Gear pump |
| 35 | Accumulator |
| 36 | Accumulator |
| 37 | Stop valve |
| 39 | 2-way pedal(option) |
| 40 | 3-way joint |
| 41 | Solenoid valve |
| 48 | Solenoid valve |

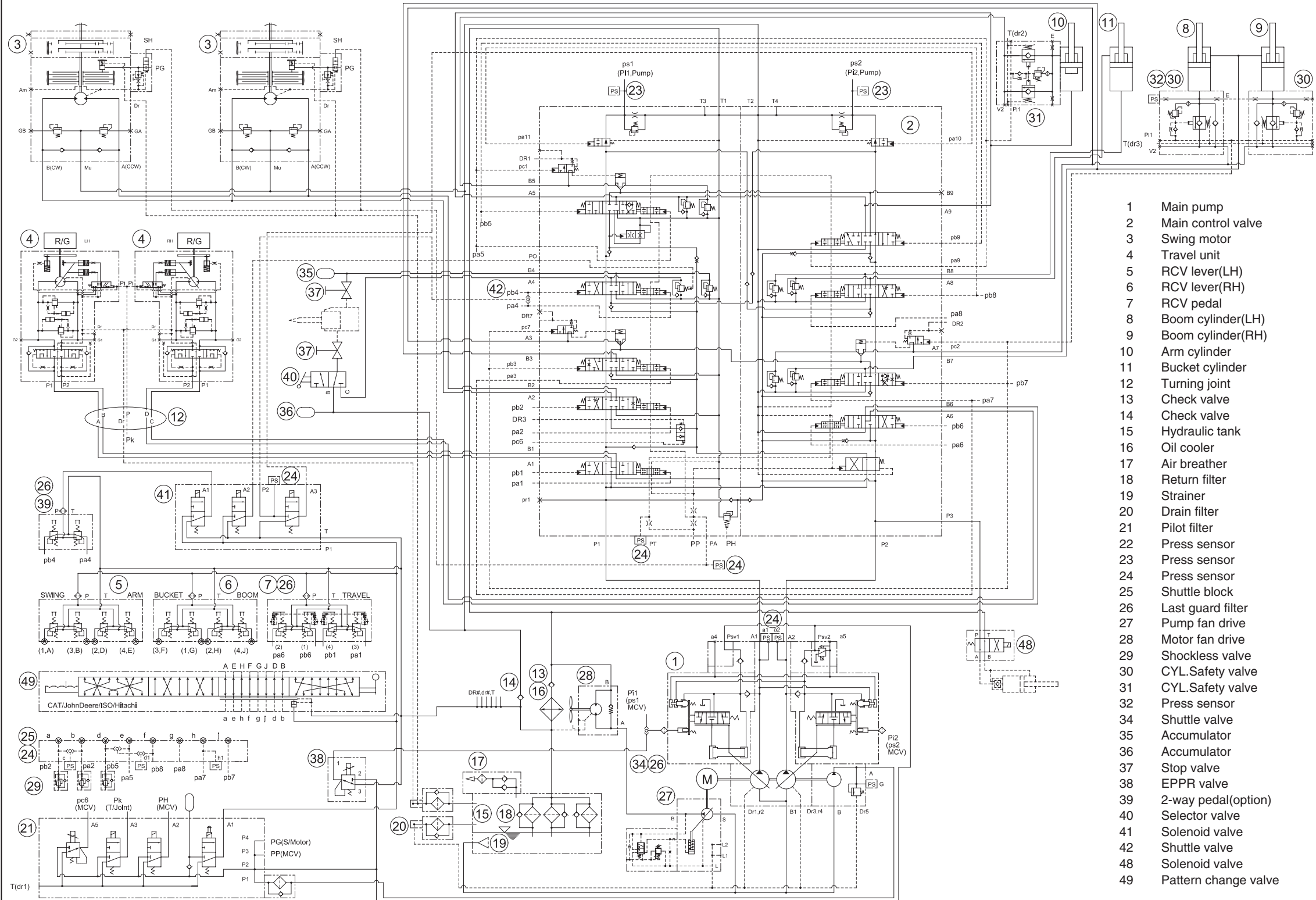


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Grapple assy
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Fan pump
- 28 Fan motor
- 30 CYL.Safety valve
- 31 CYL.Safety valve
- 32 Press sensor
- 34 Solenoid valve
- 35 Control valve
- 36 C/Balance valve
- 37 CYL.cab-elev(LH)
- 38 CYL.cab-elev(RH)
- 40 Pattern change valve

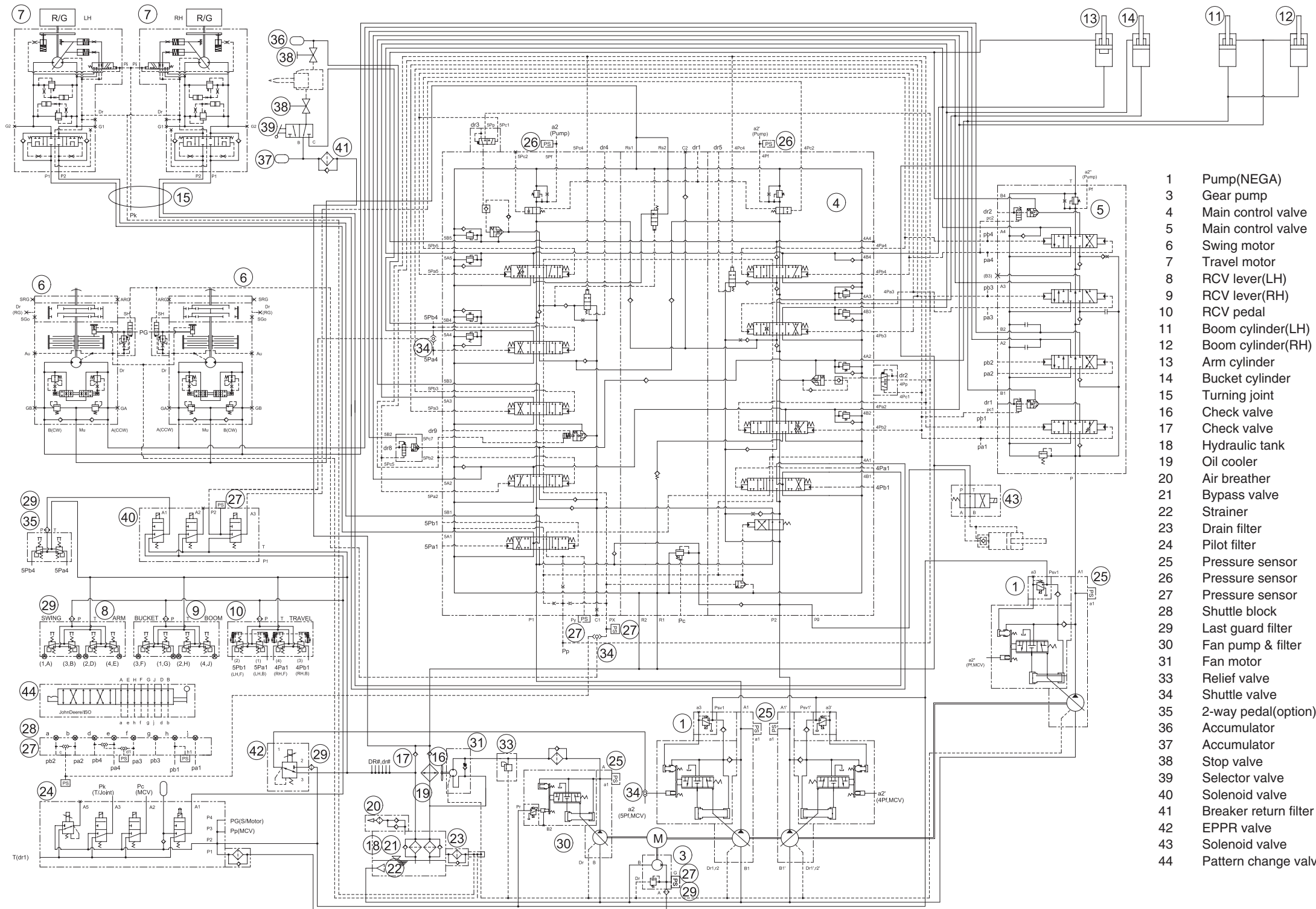


- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel motor
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Bypass valve
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 22 Pressure sensor
- 23 Pressure sensor
- 24 Pressure sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Fan pump
- 28 Fan motor
- 30 CYL. Safety valve
- 31 CYL. Safety valve
- 32 Press sensor
- 33 Shuttle valve
- 34 2-way pedal(option)
- 41 Solenoid valve

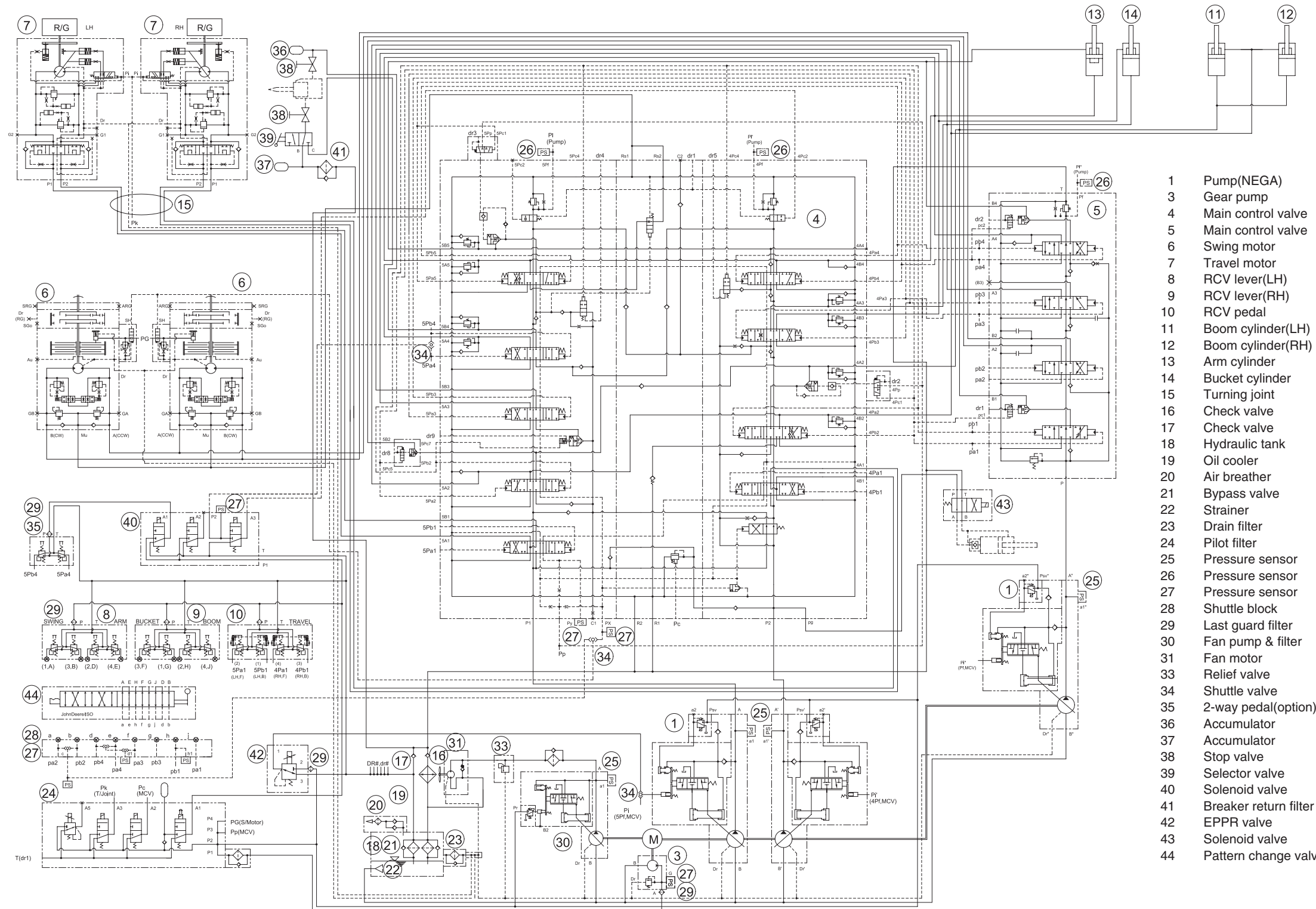




- 1 Main pump
- 2 Main control valve
- 3 Swing motor
- 4 Travel unit
- 5 RCV lever(LH)
- 6 RCV lever(RH)
- 7 RCV pedal
- 8 Boom cylinder(LH)
- 9 Boom cylinder(RH)
- 10 Arm cylinder
- 11 Bucket cylinder
- 12 Turning joint
- 13 Check valve
- 14 Check valve
- 15 Hydraulic tank
- 16 Oil cooler
- 17 Air breather
- 18 Return filter
- 19 Strainer
- 20 Drain filter
- 21 Pilot filter
- 22 Press sensor
- 23 Press sensor
- 24 Press sensor
- 25 Shuttle block
- 26 Last guard filter
- 27 Pump fan drive
- 28 Motor fan drive
- 29 Shockless valve
- 30 CYL.Safety valve
- 31 CYL.Safety valve
- 32 Press sensor
- 34 Shuttle valve
- 35 Accumulator
- 36 Accumulator
- 37 Stop valve
- 38 EPPR valve
- 39 2-way pedal(option)
- 40 Selector valve
- 41 Solenoid valve
- 42 Shuttle valve
- 48 Solenoid valve
- 49 Pattern change valve



- 1 Pump(NEGA)
- 3 Gear pump
- 4 Main control valve
- 5 Main control valve
- 6 Swing motor
- 7 Travel motor
- 8 RCV lever(LH)
- 9 RCV lever(RH)
- 10 RCV pedal
- 11 Boom cylinder(LH)
- 12 Boom cylinder(RH)
- 13 Arm cylinder
- 14 Bucket cylinder
- 15 Turning joint
- 16 Check valve
- 17 Check valve
- 18 Hydraulic tank
- 19 Oil cooler
- 20 Air breather
- 21 Bypass valve
- 22 Strainer
- 23 Drain filter
- 24 Pilot filter
- 25 Pressure sensor
- 26 Pressure sensor
- 27 Pressure sensor
- 28 Shuttle block
- 29 Last guard filter
- 30 Fan pump & filter
- 31 Fan motor
- 33 Relief valve
- 34 Shuttle valve
- 35 2-way pedal(option)
- 36 Accumulator
- 37 Accumulator
- 38 Stop valve
- 39 Selector valve
- 40 Solenoid valve
- 41 Breaker return filter
- 42 EPR valve
- 43 Solenoid valve
- 44 Pattern change valve



- 1 Pump(NEGA)
- 3 Gear pump
- 4 Main control valve
- 5 Main control valve
- 6 Swing motor
- 7 Travel motor
- 8 RCV lever(LH)
- 9 RCV lever(RH)
- 10 RCV pedal
- 11 Boom cylinder(LH)
- 12 Boom cylinder(RH)
- 13 Arm cylinder
- 14 Bucket cylinder
- 15 Turning joint
- 16 Check valve
- 17 Check valve
- 18 Hydraulic tank
- 19 Oil cooler
- 20 Air breather
- 21 Bypass valve
- 22 Strainer
- 23 Drain filter
- 24 Pilot filter
- 25 Pressure sensor
- 26 Pressure sensor
- 27 Pressure sensor
- 28 Shuttle block
- 29 Last guard filter
- 30 Fan pump & filter
- 31 Fan motor
- 33 Relief valve
- 34 Shuttle valve
- 35 2-way pedal(option)
- 36 Accumulator
- 37 Accumulator
- 38 Stop valve
- 39 Selector valve
- 40 Solenoid valve
- 41 Breaker return filter
- 42 EPPR valve
- 43 Solenoid valve
- 44 Pattern change valve

