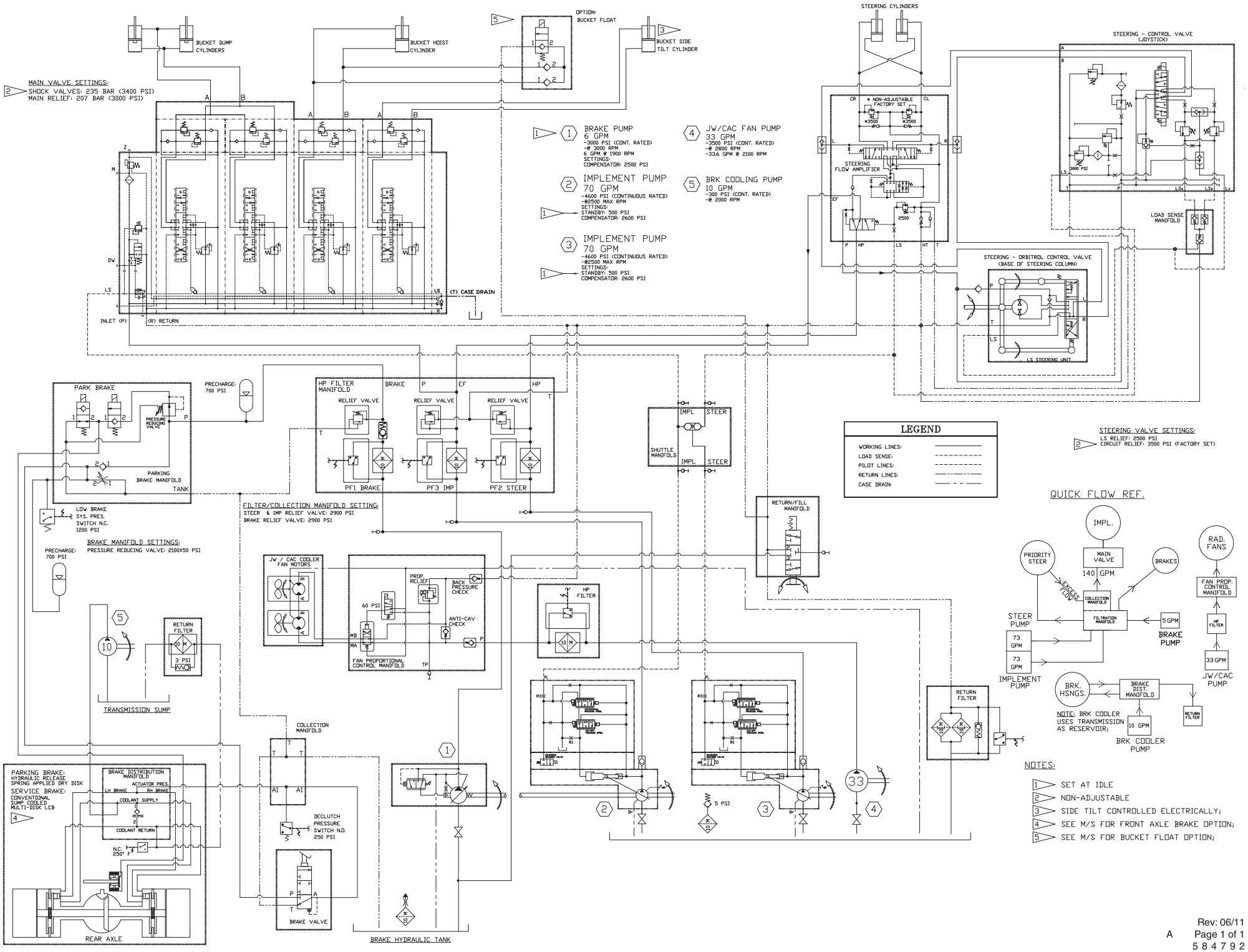
BUCKET DUMP CYLINDERS
BUCKET HOIST CYLINDER
OPTION: BUCKET FLOAT
BUCKET SIDE TILT CYLINDER
MAIN VALVE SETTINGS:
SHOCK VALVES: 235 BAR (3400 PSI)
MAIN RELIEF: 207 BAR (3000 PSI)
1 BRAKE PUMP 6 GPM -3000 PSI (CONT. RATED) -@ 3000 RPM 6 GPM @ 1900 RPM SETTINGS: COMPENSATOR: 2500 PSI
2 IMPLEMENT PUMP 70 GPM -4600 PSI (CONTINUOUS RATED) -@2500 MAX RPM SETTINGS: STANDBY: 500 PSI COMPENSATOR: 2600 PSI
3 IMPLEMENT PUMP 70 GPM -4600 PSI (CONTINUOUS RATED) -@2500 MAX RPM SETTINGS: STANDBY: 500 PSI COMPENSATOR: 2600 PSI
4 JW/CAC FAN PUMP 33 GPM -3500 PSI (CONT. RATED) -@ 2800 RPM -33.6 GPM @ 2100 RPM
5 BRK COOLING PUMP 10 GPM -300 PSI (CONT. RATED) -@ 2000 RPM
(T) CASE DRAIN
INLET (P)
(R) RETURN
STEERING CYLINDERS
STEERING - CONTROL VALVE (JOYSTICK)
* NON-ADJUSTABLE FACTORY SET
STEERING FLOW AMPLIFIER
LOAD SENSE MANIFOLD
STEERING - ORBITROL CONTROL VALVE (BASE OF STEERING COLUMN)
LS STEERING UNIT
PARK BRAKE
PRECHARGE: 700 PSI
PARKING BRAKE MANIFOLD
TANK
LOW BRAKE SYS. PRES. SWITCH N.C. 1200 PSI
BRAKE MANIFOLD SETTINGS:
PRESSURE REDUCING VALVE: 2100±50 PSI
HP FILTER MANIFOLD
RELIEF VALVE
PF1 BRAKE
PF3 IMP
PF2 STEER
SHUTTLE MANIFOLD
IMPL
STEER
FILTER/COLLECTION MANIFOLD SETTING:
STEER & IMP RELIEF VALVE: 2900 PSI
BRAKE RELIEF VALVE: 2900 PSI
RETURN/FILL MANIFOLD
LEGEND
WORKING LINES:
LOAD SENSE:
PILOT LINES:
RETURN LINES:
CASE DRAIN:
STEERING VALVE SETTINGS:
LS RELIEF: 2500 PSI
CIRCUIT RELIEF: 3500 PSI (FACTORY SET)
QUICK FLOW REF.
IMPL.
PRIORITY STEER
MAIN VALVE
140 GPM
BRAKES
EXCESS FLOW
COLLECTION MANIFOLD
FILTRATION MANIFOLD
5 GPM
BRAKE PUMP
STEER PUMP
73 GPM
73 GPM
IMPLEMENT PUMP
RAD. FANS
FAN PROP. CONTROL MANIFOLD
HP FILTER
33 GPM
JW/CAC PUMP
BRK. HSNGS.
BRAKE DIST. MANIFOLD
RETURN FILTER
10 GPM
BRK COOLER PUMP
NOTE: BRK COOLER USES TRANSMISSION AS RESERVOIR;
RETURN FILTER
10 M
3 PSI
TRANSMISSION SUMP
JW / CAC COOLER FAN MOTORS
PROP. RELIEF
BACK PRESSURE CHECK
60 PSI
ANTI-CAV CHECK
FAN PROPORTIONAL CONTROL MANIFOLD
HP FILTER
COLLECTION MANIFOLD
PARKING BRAKE: HYDRAULIC RELEASE SPRING APPLIED DRY DISK
SERVICE BRAKE: CONVENTIONAL SUMP COOLED MULTI-DISK LCB
BRAKE DISTRIBUTION MANIFOLD
ACTUATOR PRES.
LH BRAKE
RH BRAKE
COOLANT SUPPLY
COOLANT RETURN
N.C. 250° F
DECLUTCH PRESSURE SWITCH N.O. 250 PSI
BRAKE VALVE
REAR AXLE
BRAKE HYDRAULIC TANK
5 PSI
NOTES:
1 SET AT IDLE
2 NON-ADJUSTABLE
3 SIDE TILT CONTROLLED ELECTRICALLY;
4 SEE M/S FOR FRONT AXLE BRAKE OPTION;
5 SEE M/S FOR BUCKET FLOAT OPTION;