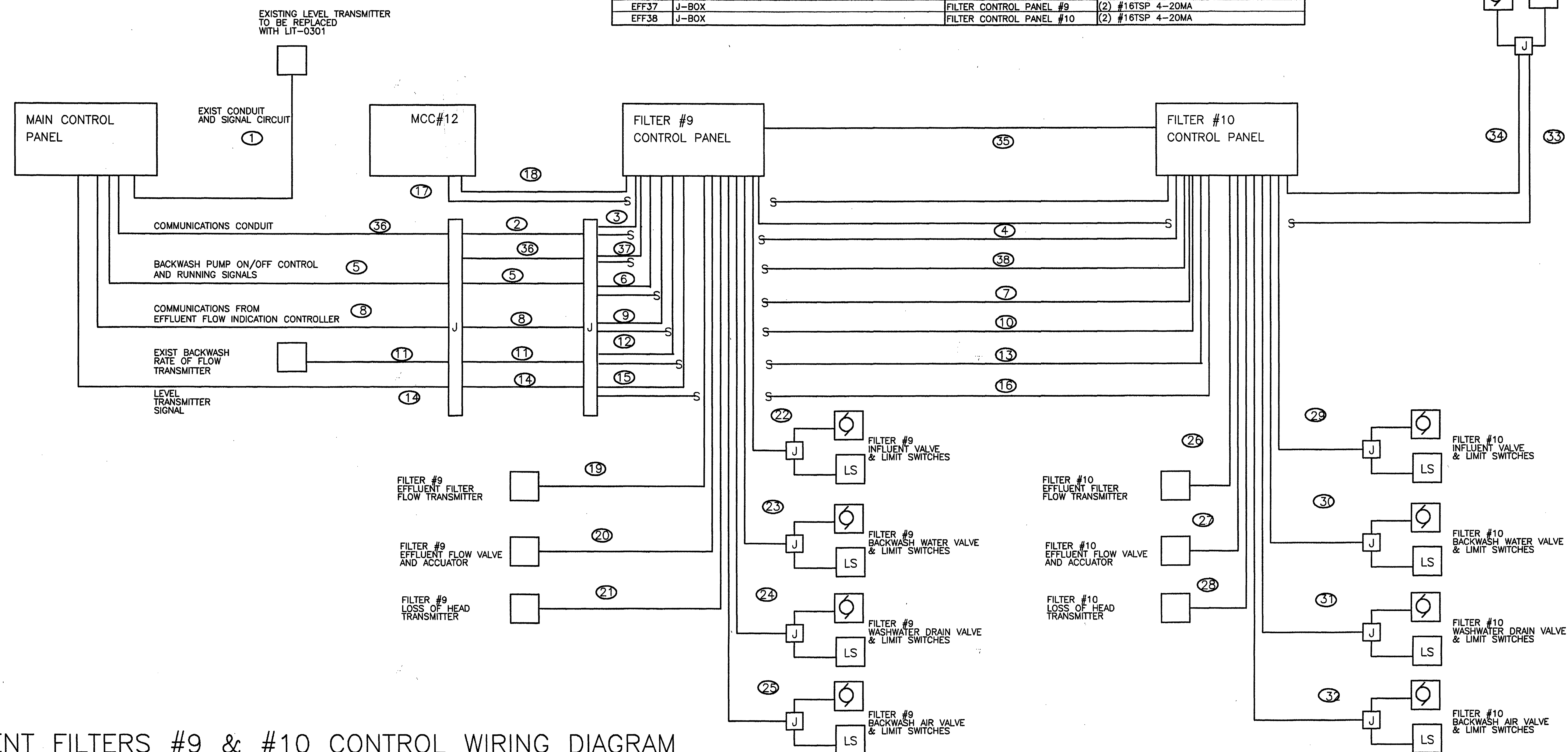


FEEDER NO.	FROM	TO	WIRE
EFF1	EXISTING MAIN CONTROL PANEL	LEVEL TRANSMITTER	(1) #16TSP 4-20MA
EFF2	J-BOX	J-BOX	SPARE
EFF3	J-BOX	FILTER CONTROL PANEL #9	SPARE
EFF4	J-BOX	FILTER CONTROL PANEL #10	SPARE
EFF5	EXISTING MAIN CONTROL PANEL	J-BOX	(8) #14
EFF6	EXISTING MAIN CONTROL PANEL-THRU J-BOX	FILTER CONTROL PANEL #9	(4) #14
EFF7	EXISTING MAIN CONTROL PANEL-THRU J-BOX	FILTER CONTROL PANEL #10	(4) #14
EFF8	EXISTING MAIN CONTROL PANEL	J-BOX	(4) #14
EFF9	EXISTING MAIN CONTROL PANEL-THRU J-BOX	FILTER CONTROL PANEL #9	(2) #14
EFF10	EXISTING MAIN CONTROL PANEL-THRU J-BOX	FILTER CONTROL PANEL #10	(2) #14
EFF11	EXISTING BACKWASH RATE OF FLOW TRANSMITTER	J-BOX	2 SETS OF (3) + 16VDC, 1-5VDC, COMM
EFF12	EXISTING BACKWASH VALVE-THRU J-BOX	FILTER CONTROL PANEL #9	(3) + 16VDC, 1-5VDC, COMM
EFF13	EXISTING BACKWASH VALVE-THRU J-BOX	FILTER CONTROL PANEL #10	(3) + 16VDC, 1-5VDC, COMM
EFF14	EXISTING LEVEL TRANSMITTER-THRU MCP	J-BOX	(2) #16TSP 4-20MA
EFF15	EXISTING LEVEL TRANSMITTER-THRU J-BOX	FILTER CONTROL PANEL #9	(1) #16TSP 4-20MA
EFF16	EXISTING LEVEL TRANSMITTER-THRU J-BOX	FILTER CONTROL PANEL #10	(1) #16TSP 4-20MA
EFF17	MCC #12	FILTER CONTROL PANEL #9	(24) #14
EFF18	MCC #12	FILTER CONTROL PANEL #10	(24) #14
EFF19	FILTER #9 EFFLUENT FLOW TRANSMITTER	FILTER CONTROL PANEL #9	(1) #16TSP 4-20MA
EFF20	FILTER #9 EFF. FLOW VALVE & ACTUATOR	FILTER CONTROL PANEL #9	(1) #16TSP 4-20MA
EFF21	FILTER #9 LOSS OF HEAD TRANSMITTER	FILTER CONTROL PANEL #9	(1) #16TSP 4-20MA
EFF22	FILTER #9 INFLUENT VALVE & LIMIT SWITCHES	FILTER CONTROL PANEL #9	(6) #14 + (1) #12 GND
EFF23	FILTER #9 BACKWASH WATER VALVE & LIMIT SWITCH	FILTER CONTROL PANEL #9	(6) #14 + (1) #12 GND
EFF24	FILTER #9 WASHWATER DRAIN VALVE & LIMIT SWITCH	FILTER CONTROL PANEL #9	(6) #14 + (1) #12 GND
EFF25	FILTER #9 BACKWASH AIR VALVE & LIMIT SWITCH	FILTER CONTROL PANEL #9	(6) #14 + (1) #12 GND
EFF26	FILTER #10 EFFLUENT FLOW TRANSMITTER	FILTER CONTROL PANEL #10	(1) #16TSP 4-20MA
EFF27	FILTER #10 EFF. FLOW VALVE & ACTUATOR	FILTER CONTROL PANEL #10	(1) #16TSP 4-20MA
EFF28	FILTER #10 LOSS OF HEAD TRANSMITTER	FILTER CONTROL PANEL #10	(1) #16TSP 4-20MA
EFF29	FILTER #10 INFLUENT VALVE & LIMIT SWITCHES	FILTER CONTROL PANEL #10	(6) #14 + (1) #12 GND
EFF30	FILTER #10 BACKWASH WATER VALVE & LIMIT SWITCH	FILTER CONTROL PANEL #10	(6) #14 + (1) #12 GND
EFF31	FILTER #10 WASHWATER DRAIN VALVE & LIMIT SWITCH	FILTER CONTROL PANEL #10	(6) #14 + (1) #12 GND
EFF32	FILTER #10 BACKWASH AIR VALVE & LIMIT SWITCH	FILTER CONTROL PANEL #10	(6) #14 + (1) #12 GND
EFF33	BLOWER VENT VALVE & LIMIT SWITCH	FILTER CONTROL PANEL #9	(6) #14 + (1) #12 GND
EFF34	BLOWER VENT VALVE & LIMIT SWITCH	FILTER CONTROL PANEL #10	(6) #14 + (1) #12 GND
EFF35	FILTER CONTROL PANEL #9	FILTER CONTROL PANEL #10	(18) #14
EFF36	EXISTING MAIN CONTROL PANEL	J-BOX	(2) #16TSP 4-20MA
EFF37	J-BOX	FILTER CONTROL PANEL #9	(2) #16TSP 4-20MA
EFF38	J-BOX	FILTER CONTROL PANEL #10	(2) #16TSP 4-20MA



EFFLUENT FILTERS #9 & #10 CONTROL WIRING DIAGRAM