

MCC UNIT 5A LOW FLOW PUMP 9 TERMINAL CONNECTIONS

TERMINAL NO.	WIRE NO.	DESTINATION/ORIGINATION	DESCRIPTION OF INPUT
M5A-35	M5A-35	LFP9 CONTROL JCT. BOX	MOTOR MOISTURE SENSOR
M5A-36	M5A-36	LFP9 CONTROL JCT. BOX	MOTOR MOISTURE SENSOR
M5A-37	M5A-37	LFP9 CONTROL JCT. BOX	MOTOR TEMP SENSOR
M5A-38	M5A-38	LFP9 CONTROL JCT. BOX	MOTOR TEMP SENSOR
M5A-39	M5A-39	LFP9 CONTROL JCT. BOX	BEARING TEMP SENSOR
M5A-40	M5A-40	LFP9 CONTROL JCT. BOX	BEARING TEMP SENSOR
M5A-1	M5A-1	LFP9 PURGE PANEL	SAFETY INTERLOCK
M5A-15	M5A-15	LFP9 PURGE PANEL	SAFETY INTERLOCK
M5A-2	M5A-2	LFP9 LOCAL PB STATION	START PUSH BUTTON
M5A-5	M5A-5	LFP9 LOCAL PB STATION	START PUSH BUTTON
M5A-7	M5A-7	LFP9 LOCAL PB STATION	STOP PUSH BUTTON
M5A-7A	M5A-7A	LFP9 LOCAL PB STATION	STOP PUSH BUTTON
M5A-5	M5A-5	LFP9 LOCAL PB STATION	MOTOR BUMP BUTTON
M5A-13	M5A-13	LFP9 LOCAL PB STATION	MOTOR BUMP BUTTON
M5A-9	M5A-9	CP-DO-96D	FLOAT PUMP CALL
M5A-2	M5A-2	CP-DO-96E	FLOAT PUMP CALL
M5A-9	M5A-9	SP309	SCADA PUMP CALL
M5A-2	M5A-2	SP310	SCADA PUMP CALL

TERMINAL NO.	WIRE NO.	DESTINATION/ORIGINATION	DESCRIPTION OF OUTPUT
M5A-2	M5A-2	LFP9 LOCAL PB STATION	PUMP CALL LIGHT
M5A-X2	M5A-X2	LFP9 LOCAL PB STATION	PUMP CALL LIGHT
M5A-1	M5A-1	LFP9 LOCAL PB STATION	PUMP CALL LIGHT
M5A-19	M5A-19	LFP9 LOCAL PB STATION	PUMP RUN LIGHT
M5A-X2	M5A-X2	LFP9 LOCAL PB STATION	PUMP RUN LIGHT
M5A-1	M5A-1	LFP9 LOCAL PB STATION	PUMP RUN LIGHT
M5A-6	CP-339	CP-DI-339	STARTER CONTACT NC
M5A-4A	CP-339A	CP-DI-339A	STARTER CONTACT NC
M5A-OD	M5A-OD	LFP9 LOCAL AMMETER	MOTOR CURRENT
M5A-OE	M5A-OE	LFP9 LOCAL AMMETER	MOTOR CURRENT
M5A-OF	CP-1	CP-DI-1	MOTOR OVERLOAD
M5A-OG	CP-475	CP-DI-475	MOTOR OVERLOAD
M5A-35A	CP-492	CP-DI-492	LFP9 OVER TEMP/MOIST
M5A-35B	CP-493	CP-DI-493	LFP9 OVER TEMP/MOIST
M5A-18B	CP-564	CP-DI-564	LFP9 MOTOR JB PURGE ALARM
M5A-18C	CP-566	CP-DI-566	LFP9 MOTOR JB PURGE ALARM
M5A-0	SP43	SP43	LFP9 BREAKER OPEN
M5A-0A	SP44	SP44	LFP9 BREAKER OPEN
M5A-4A	SP45	SP45	LFP9 STARTER CONTACT NO
M5A-4B	SP46	SP46	LFP9 STARTER CONTACT NO
M5A-11A	SP47	SP47	LFP9 NOT IN AUTO
M5A-11	SP48	SP48	LFP9 NOT IN AUTO
M5A-36A	SP49	SP49	LFP9 OVER TEMP/MOIST
M5A-36B	SP50	SP50	LFP9 OVER TEMP/MOIST
M5A-17	SP53	SP53	LFP9 MOTOR JB PURGE ALARM
M5A-17A	SP54	SP54	LFP9 MOTOR JB PURGE ALARM

MCC UNIT 6A LOW FLOW PUMP 10 TERMINAL CONNECTIONS

TERMINAL NO.	WIRE NO.	DESTINATION/ORIGINATION	DESCRIPTION OF INPUT
M6A-35	M6A-35	LFPIO CONTROL JCT. BOX	MOTOR MOISTURE SENSOR
M6A-36	M6A-36	LFPIO CONTROL JCT. BOX	MOTOR MOISTURE SENSOR
M6A-37	M6A-37	LFPIO CONTROL JCT. BOX	MOTOR TEMP SENSOR
M6A-38	M6A-38	LFPIO CONTROL JCT. BOX	MOTOR TEMP SENSOR
M6A-39	M6A-39	LFPIO CONTROL JCT. BOX	BEARING TEMP SENSOR
M6A-40	M6A-40	LFPIO CONTROL JCT. BOX	BEARING TEMP SENSOR
M6A-1	M6A-1	LFPIO PURGE PANEL	SAFETY INTERLOCK
M6A-15	M6A-15	LFPIO PURGE PANEL	SAFETY INTERLOCK
M6A-2	M6A-2	LFPIO LOCAL PB STATION	START PUSH BUTTON
M6A-5	M6A-5	LFPIO LOCAL PB STATION	START PUSH BUTTON
M6A-7	M6A-7	LFPIO LOCAL PB STATION	STOP PUSH BUTTON
M6A-7A	M6A-7A	LFPIO LOCAL PB STATION	STOP PUSH BUTTON
M6A-5	M6A-5	LFPIO LOCAL PB STATION	MOTOR BUMP BUTTON
M6A-13	M6A-13	LFPIO LOCAL PB STATION	MOTOR BUMP BUTTON
M6A-9	M6A-9	CP-DO-106B	FLOAT PUMP CALL
M6A-2	M6A-2	CP-DO-106C	FLOAT PUMP CALL
M6A-9	M6A-9	SP341	SCADA PUMP CALL
M6A-2	M6A-2	SP342	SCADA PUMP CALL

TERMINAL NO.	WIRE NO.	DESTINATION/ORIGINATION	DESCRIPTION OF OUTPUT
M6A-2	M6A-2	LFPIO LOCAL PB STATION	PUMP CALL LIGHT
M6A-X2	M6A-X2	LFPIO LOCAL PB STATION	PUMP CALL LIGHT
M6A-1	M6A-1	LFPIO LOCAL PB STATION	PUMP CALL LIGHT
M6A-19	M6A-19	LFPIO LOCAL PB STATION	PUMP RUN LIGHT
M6A-X2	M6A-X2	LFPIO LOCAL PB STATION	PUMP RUN LIGHT
M6A-1	M6A-1	LFPIO LOCAL PB STATION	PUMP RUN LIGHT
M6A-6	CP-340	CP-DI-340	STARTER CONTACT NC
M6A-4A	CP-340A	CP-DI-340A	STARTER CONTACT NC
M6A-OD	M6A-OD	LFPIO LOCAL AMMETER	MOTOR CURRENT
M6A-OE	M6A-OE	LFPIO LOCAL AMMETER	MOTOR CURRENT
M6A-OF	CP-1	CP-DI-1	MOTOR OVERLOAD
M6A-OG	CP-477	CP-DI-477	MOTOR OVERLOAD
M6A-36A	CP-495	CP-DI-495	LFPIO OVER TEMP/MOIST
M6A-35B	CP-496	CP-DI-496	LFPIO OVER TEMP/MOIST
M6A-18B	CP-564	CP-DI-564	LFPIO MOTOR JB PURGE ALARM
M6A-18C	CP-566	CP-DI-566	LFPIO MOTOR JB PURGE ALARM
M6A-0	SPI07	SPI07	LFPIO BREAKER OPEN
M6A-0A	SPI08	SPI08	LFPIO BREAKER OPEN
M6A-4A	SPI09	SPI09	LFPIO STARTER CONTACT NO
M6A-4B	SPI10	SPI10	LFPIO STARTER CONTACT NO
M6A-11A	SPI11	SPI11	LFPIO NOT IN AUTO
M6A-11	SPI12	SPI12	LFPIO NOT IN AUTO
M6A-36A	SPI13	SPI13	LFPIO OVER TEMP/MOIST
M6A-36B	SPI14	SPI14	LFPIO OVER TEMP/MOIST
M6A-17	SPI17	SPI17	LFPIO MOTOR JB PURGE ALARM
M6A-17A	SPI18	SPI18	LFPIO MOTOR JB PURGE ALARM



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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PUMP STATION NO. 27
REHABILITATION
PUMP MOTOR STARTER
TERMINAL SCHEDULE SH. 3

SCALE: N/A
DATE: 04-23-10

DRAWN BY: MS
CHECKED BY: MS