

MCC UNIT A5 STORM WATER PUMP 5 STARTER TERMINAL CONNECTIONS

TERMINAL NO.	WIRE NO.	INPUT ORIGINATION	DESCRIPTION OF INPUT
MA5-39	MA5-39	SWP5 CONTROL TERM. BOX	MOTOR MOISTURE SENSOR
MA5-40	MA5-40	SWP5 CONTROL TERM. BOX	MOTOR MOISTURE SENSOR
MA5-41	MA5-41	SWP5 CONTROL TERM. BOX	MOTOR TEMP SENSOR
MA5-42	MA5-42	SWP5 CONTROL TERM. BOX	MOTOR TEMP SENSOR
MA5-43	MA5-46	SWP5 CONTROL TERM. BOX	BEARING TEMP RTD
MA5-44	MA5-47	SWP5 CONTROL TERM. BOX	BEARING TEMP RTD
MA5-43	MA5-48	SWP5 CONTROL TERM. BOX	FLOAT SWITCH
MA5-44	MA5-49	SWP5 CONTROL TERM. BOX	FLOAT SWITCH
MA5-6	MA5-6	SWP5 DISCONNECT SWITCH	SAFETY INTERLOCK
MA5-8	MA5-8	SWP5 DISCONNECT SWITCH	SAFETY INTERLOCK
MA5-7	MA5-7	SWP5 LOCAL PB STATION	START PUSH BUTTON
MA5-10	MA5-10	SWP5 LOCAL PB STATION	START PUSH BUTTON
MA5-12	MA5-12	SWP5 LOCAL PB STATION	STOP PUSH BUTTON
MA5-12A	MA5-12A	SWP5 LOCAL PB STATION	STOP PUSH BUTTON
MA5-7	MA5-7	CP-00-4B	FLOAT PUMP CALL
MA5-14	MA5-14	CP-00-4A	FLOAT PUMP CALL
MA5-7	MA5-7	SP-00-P1	SCADA PUMP CALL
MA5-14	MA5-14	SP-00-PIX	SCADA PUMP CALL

TERMINAL NO.	WIRE NO.	OUTPUT DESTINATION	DESCRIPTION OF OUTPUT
MA5-7	MA5-7	SWP5 LOCAL PB STATION	PUMP CALL LIGHT
MA5-X2	MA5-X2	SWP5 LOCAL PB STATION	PUMP CALL LIGHT
MA5-8	MA5-6	SWP5 LOCAL PB STATION	PUMP CALL LIGHT
MA5-24	MA5-24	SWP5 LOCAL PB STATION	PUMP RUN LIGHT
MA5-X2	MA5-X2	SWP5 LOCAL PB STATION	PUMP RUN LIGHT
MA5-8	MA5-6	SWP5 LOCAL PB STATION	PUMP RUN LIGHT
MA5-2	MA5-2	MA5-2	STARTER CONTACT NO
MA5-2A	MA5-2A	MA5-2A	STARTER CONTACT NO
MA5-3	CP-181	CP-DI-181	STARTER CONTACT NO
MA5-3A	CP-181A	CP-DI-181A	STARTER CONTACT NO
MA5-4	CP-1	CP-DI-1	STARTER CONTACT NC
MA5-4A	CP-49	CP-DI-49	STARTER CONTACT NC
MA5-5B	CP-418	CP-DI-418	STARTER CONTACT NC
MA5-5C	CP-418A	CP-DI-418A	STARTER CONTACT NC
MA5-22A	CP-1	CP-DI-1	MOTOR OVERLOAD
MA5-22B	CP-262A	CP-DI-262A	MOTOR OVERLOAD
MA5-57	CP-280	CP-DI-280	STORM WATER PUMP 5 ALARM
MA5-57A	CP-281	CP-DI-281	STORM WATER PUMP 5 ALARM
MA5-0	SP-S16	SP-DI-S16	BREAKER OPEN
MA5-0A	SP-S16C	SP-DI-S16C	BREAKER OPEN
MA5-1D	SP-S6	SP-DI-S6	STARTER CONTACT NO
MA5-1E	SP-S6C	SP-DI-S6C	STARTER CONTACT NO
MA5-15	SP-S1	SP-DI-S1	S. W. PUMP 5 NOT IN AUTO
MA5-15A	SP-S1C	SP-DI-S1C	S. W. PUMP 5 NOT IN AUTO
MA5-57	SP-S71	SP-DI-S71	S. W. PUMP 5 MOTOR HIGH TEMP
MA5-57A	SP-S71C	SP-DI-S71C	S. W. PUMP 5 MOTOR HIGH TEMP
MA5-58	SP-S71	SP-DI-S71	S. W. PUMP 5 MOTOR HI-MOIST
MA5-58A	SP-S71C	SP-DI-S71C	S. W. PUMP 5 MOTOR HI-MOIST
MA5-59	SP-S71	SP-DI-S71	S. W. PUMP 5 BRG HI TEMP
MA5-59A	SP-S71C	SP-DI-S71C	S. W. PUMP 5 BRG HI TEMP
MA5-60	SP-S71	SP-DI-S71	STORM WATER PUMP 5 BRG LEAK
MA5-60A	SP-S71C	SP-DI-S71C	STORM WATER PUMP 5 BRG LEAK

TERMINAL NO.	WIRE NO.	OUTPUT DESTINATION	DESCRIPTION OF OUTPUT
MB5-7	MB5-7	SWP6 LOCAL PB STATION	PUMP CALL LIGHT
MB5-X2	MB5-X2	SWP6 LOCAL PB STATION	PUMP CALL LIGHT
MB5-8	MB5-8	SWP6 LOCAL PB STATION	PUMP CALL LIGHT
MB5-24	MB5-24	SWP6 LOCAL PB STATION	PUMP RUN LIGHT
MB5-X2	MB5-X2	SWP6 LOCAL PB STATION	PUMP RUN LIGHT
MB5-8	MB5-8	SWP6 LOCAL PB STATION	PUMP RUN LIGHT
MB5-2	MB5-2	MB5-2	STARTER CONTACT NO
MB5-2A	MB5-2A	MB5-2A	STARTER CONTACT NO
MB5-3	CP-181	CP-DI-181	STARTER CONTACT NO
MB5-3A	CP-181A	CP-DI-181A	STARTER CONTACT NO
MB5-4	CP-1	CP-DI-1	STARTER CONTACT NC
MB5-4A	CP-49	CP-DI-49	STARTER CONTACT NC
MB5-5B	CP-418	CP-DI-418	STARTER CONTACT NC
MB5-5C	CP-418A	CP-DI-418A	STARTER CONTACT NC
MB5-22A	CP-1	CP-DI-1	MOTOR OVERLOAD
MB5-22B	CP-262A	CP-DI-262A	MOTOR OVERLOAD
MB5-40A	CP-280	CP-DI-280	STORM WATER PUMP 6 ALARM
MB5-40B	CP-281	CP-DI-281	STORM WATER PUMP 6 ALARM
MB5-0	SP-S16	SP-DI-S16	BREAKER OPEN
MB5-0A	SP-S16C	SP-DI-S16C	BREAKER OPEN
MB5-1D	SP-S6	SP-DI-S6	STARTER CONTACT NO
MB5-1E	SP-S6C	SP-DI-S6C	STARTER CONTACT NO
MB5-15	SP-S1	SP-DI-S1	S. W. PUMP 6 NOT IN AUTO
MB5-15A	SP-S1C	SP-DI-S1C	S. W. PUMP 6 NOT IN AUTO
MB5-44A	SP-S71	SP-DI-S71	STORM WATER PUMP 6 ALARM
MB5-44B	SP-S71C	SP-DI-S71C	STORM WATER PUMP 6 ALARM

MCC UNIT A6 STATION SUMP PUMP 1 STARTER TERMINAL CONNECTIONS

TERMINAL NO.	WIRE NO.	INPUT ORIGINATION	DESCRIPTION OF INPUT
MA6-39	MA6-39	SSP1 CONTROL TERM. BOX	MOTOR MOISTURE SENSOR
MA6-40	MA6-40	SSP1 CONTROL TERM. BOX	MOTOR MOISTURE SENSOR
MA6-41	MA6-41	SSP1 CONTROL TERM. BOX	MOTOR TEMP SENSOR
MA6-42	MA6-42	SSP1 CONTROL TERM. BOX	MOTOR TEMP SENSOR
MA6-43	MA6-46	SSP1 CONTROL TERM. BOX	BEARING TEMP SENSOR
MA6-44	MA6-47	SSP1 CONTROL TERM. BOX	BEARING TEMP SENSOR
MA6-6	MA6-6	SSP1 DISCONNECT SWITCH	SAFETY INTERLOCK
MA6-8	MA6-8	SSP1 DISCONNECT SWITCH	SAFETY INTERLOCK
MA6-7	MA6-7	SSP1 LOCAL PB STATION	START PUSH BUTTON
MA6-10	MA6-10	SSP1 LOCAL PB STATION	START PUSH BUTTON
MA6-12	MA6-12	SSP1 LOCAL PB STATION	STOP PUSH BUTTON
MA6-12A	MA6-12A	SSP1 LOCAL PB STATION	STOP PUSH BUTTON
MA6-7	MA6-7	CP-00-4B	FLOAT PUMP CALL
MA6-14	MA6-14	CP-00-4A	FLOAT PUMP CALL
MA6-7	MA6-7	SP-00-P1	SCADA PUMP CALL
MA6-14	MA6-14	SP-00-PIX	SCADA PUMP CALL

TERMINAL NO.	WIRE NO.	OUTPUT DESTINATION	DESCRIPTION OF OUTPUT
MA6-7	MA6-7	SSP1 LOCAL PB STATION	PUMP CALL LIGHT
MA6-X2	MA6-X2	SSP1 LOCAL PB STATION	PUMP CALL LIGHT
MA6-8	MA6-8	SSP1 LOCAL PB STATION	PUMP CALL LIGHT
MA6-24	MA6-24	SSP1 LOCAL PB STATION	PUMP RUN LIGHT
MA6-X2	MA6-X2	SSP1 LOCAL PB STATION	PUMP RUN LIGHT
MA6-8	MA6-8	SSP1 LOCAL PB STATION	PUMP RUN LIGHT
MA6-2	MA6-2	MA6-2	STARTER CONTACT NO
MA6-2A	MA6-2A	MA6-2A	STARTER CONTACT NO
MA6-3	CP-181	CP-DI-181	STARTER CONTACT NO
MA6-3A	CP-181A	CP-DI-181A	STARTER CONTACT NO
MA6-4	CP-1	CP-DI-1	STARTER CONTACT NC
MA6-4A	CP-49	CP-DI-49	STARTER CONTACT NC
MA6-5B	CP-418	CP-DI-418	STARTER CONTACT NC
MA6-5C	CP-418A	CP-DI-418A	STARTER CONTACT NC
MA6-22A	CP-1	CP-DI-1	MOTOR OVERLOAD
MA6-22B	CP-262A	CP-DI-262A	MOTOR OVERLOAD
MA6-40A	CP-280	CP-DI-280	STATION SUMP PUMP 1 ALARM
MA6-40B	CP-281	CP-DI-281	STATION SUMP PUMP 1 ALARM
MA6-0	SP-S16	SP-DI-S16	BREAKER OPEN
MA6-0A	SP-S16C	SP-DI-S16C	BREAKER OPEN
MA6-1D	SP-S6	SP-DI-S6	STARTER CONTACT NO
MA6-1E	SP-S6C	SP-DI-S6C	STARTER CONTACT NO
MA6-15	SP-S1	SP-DI-S1	S. S. PUMP 1 NOT IN AUTO
MA6-15A	SP-S1C	SP-DI-S1C	S. S. PUMP 1 NOT IN AUTO
MA6-44A	SP-S71	SP-DI-S71	STATION SUMP PUMP 1 ALARM
MA6-44B	SP-S71C	SP-DI-S71C	STATION SUMP PUMP 1 ALARM

MCC UNIT B6 STATION SUMP PUMP 2 STARTER TERMINAL CONNECTIONS

TERMINAL NO.	WIRE NO.	INPUT ORIGINATION	DESCRIPTION OF INPUT
MB6-39	MB6-39	SSP2 CONTROL TERM. BOX	MOTOR MOISTURE SENSOR
MB6-40	MB6-40	SSP2 CONTROL TERM. BOX	MOTOR MOISTURE SENSOR
MB6-41	MB6-41	SSP2 CONTROL TERM. BOX	MOTOR TEMP SENSOR
MB6-42	MB6-42	SSP2 CONTROL TERM. BOX	MOTOR TEMP SENSOR
MB6-43	MB6-46	SSP2 CONTROL TERM. BOX	BEARING TEMP SENSOR
MB6-44	MB6-47	SSP2 CONTROL TERM. BOX	BEARING TEMP SENSOR
MB6-6	MB6-6	SSP2 DISCONNECT SWITCH	SAFETY INTERLOCK
MB6-8	MB6-8	SSP2 DISCONNECT SWITCH	SAFETY INTERLOCK
MB6-7	MB6-7	SSP2 LOCAL PB STATION	START PUSH BUTTON
MB6-10	MB6-10	SSP2 LOCAL PB STATION	START PUSH BUTTON
MB6-12	MB6-12	SSP2 LOCAL PB STATION	STOP PUSH BUTTON
MB6-12A	MB6-12A	SSP2 LOCAL PB STATION	STOP PUSH BUTTON
MB6-7	MB6-7	CP-00-4B	FLOAT PUMP CALL
MB6-14	MB6-14	CP-00-4A	FLOAT PUMP CALL
MB6-7	MB6-7	SP-00-P1	SCADA PUMP CALL
MB6-14	MB6-14	SP-00-PIX	SCADA PUMP CALL

TERMINAL NO.	WIRE NO.	OUTPUT DESTINATION	DESCRIPTION OF OUTPUT
MB6-7	MB6-7	SSP2 LOCAL PB STATION	PUMP CALL LIGHT
MB6-X2	MB6-X2	SSP2 LOCAL PB STATION	PUMP CALL LIGHT
MB6-8	MB6-8	SSP2 LOCAL PB STATION	PUMP CALL LIGHT
MB6-24	MB6-24	SSP2 LOCAL PB STATION	PUMP RUN LIGHT
MB6-X2	MB6-X2	SSP2 LOCAL PB STATION	PUMP RUN LIGHT
MB6-8	MB6-8	SSP2 LOCAL PB STATION	PUMP RUN LIGHT
MB6-2	MB6-2	MA6-2	STARTER CONTACT NO
MB6-2A	MB6-2A	MA6-2A	STARTER CONTACT NO
MB6-3	CP-181	CP-DI-181	STARTER CONTACT NO
MB6-3A	CP-181A	CP-DI-181A	STARTER CONTACT NO
MB6-4	CP-1	CP-DI-1	STARTER CONTACT NC
MB6-4A	CP-49	CP-DI-49	STARTER CONTACT NC
MB6-5B	CP-418	CP-DI-418	STARTER CONTACT NC
MB6-5C	CP-418A	CP-DI-418A	STARTER CONTACT NC
MB6-22A	CP-1	CP-DI-1	MOTOR OVERLOAD
MB6-22B	CP-262A	CP-DI-262A	MOTOR OVERLOAD
MB6-40A	CP-280	CP-DI-280	STATION SUMP PUMP 2 ALARM
MB6-40B	CP-281	CP-DI-281	STATION SUMP PUMP 2 ALARM
MB6-0	SP-S16	SP-DI-S16	BREAKER OPEN
MB6-0A	SP-S16C	SP-DI-S16C	BREAKER OPEN
MB6-1D	SP-S6	SP-DI-S6	STARTER CONTACT NO
MB6-1E	SP-S6C	SP-DI-S6C	STARTER CONTACT NO
MB6-15	SP-S1	SP-DI-S1	S. S. PUMP 2 NOT IN AUTO
MB6-15A	SP-S1C	SP-DI-S1C	S. S. PUMP 2 NOT IN AUTO
MB6-44A	SP-S71	SP-DI-S71	STATION SUMP PUMP 2 ALARM
MB6-44B	SP-S71C	SP-DI-S71C	STATION SUMP PUMP 2 ALARM

MCC UNIT B5 STORM WATER PUMP 6 STARTER TERMINAL CONNECTIONS

TERMINAL NO.	WIRE NO.	INPUT ORIGINATION	DESCRIPTION OF INPUT
MB5-39	MB5-39	SWP6 CONTROL TERM. BOX	MOTOR MOISTURE SENSOR
MB5-40	MB5-40	SWP6 CONTROL TERM. BOX	MOTOR MOISTURE SENSOR
MB5-41	MB5-41	SWP6 CONTROL TERM. BOX	MOTOR TEMP SENSOR
MB5-42	MB5-42	SWP6 CONTROL TERM. BOX	MOTOR TEMP SENSOR
MB5-43	MB5-46	SWP6 CONTROL TERM. BOX	BEARING TEMP SENSOR
MB5-44	MB5-47	SWP6 CONTROL TERM. BOX	BEARING TEMP SENSOR
MB5-6	MB5-6	SWP6 DISCONNECT SWITCH	SAFETY INTERLOCK
MB5-8	MB5-8	SWP6 DISCONNECT SWITCH	SAFETY INTERLOCK
MB5-7	MB5-7	SWP6 LOCAL PB STATION	START PUSH BUTTON
MB5-10	MB5-10	SWP6 LOCAL PB STATION	START PUSH BUTTON
MB5-12	MB5-12	SWP6 LOCAL PB STATION	STOP PUSH BUTTON
MB5-12A	MB5-12A	SWP6 LOCAL PB STATION	STOP PUSH BUTTON
MB5-7	MB5-7	CP-00-4B	FLOAT PUMP CALL
MB5-14	MB5-14	CP-00-4A	FLOAT PUMP CALL
MB5-7	MB5-7	SP-00-P1	SCADA PUMP CALL
MB5-14	MB5-14	SP-00-PIX	SCADA PUMP CALL

DATE: _____ BY: _____
 REVISIONS: _____
 CHECKED: _____
 ALIGNED: _____
 CADD FILE NAME: _____
 NO. _____
 PLAN _____
 NOTE BOOK _____

ALVORD, BURDICK & HOWSON, L.L.C.
ENGINEERS CHICAGO

E29

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 BOWMAN AVENUE PUMP STATION
 REHABILITATION
 MCC TERMINAL SCHEDULE
 SHEET 2
 SCALE: AS SHOWN DRAWN BY: LMJ
 DATE: 09-12-05 CHECKED BY: KCC
 PLOT DATE: *DATE-TIME*