



**CW-MCC01 FRONT ELEVATION**  
SCALE: NTS

**CW-MCC01 SCHEDULE**

ID	DEVICE INFORMATION						PROTECTION INFO			UNIT DATA			
SECT.	CELL	CIRCUIT NAMEPLATE	DEVICE TYPE	DEVICE SIZE	POLES	KAIC RATING	STARTER SIZE	MOTOR HP	FULL LOAD AMPS**	CPT REQUIRED (YES/NO)	ADDITIONAL ACCESSORIES	DEVICE SPACE REQUIRED	CABLE ENTRY DIRECTION
1	M	CW-MCC01: MAIN BREAKER	MAIN BREAKER	1,600 A	3	65	NA	NA	NA	NO	NA	72	BOTTOM
2	NA	NA	VERTICAL BUS SIZE	600 A									
2	E	CW-P01: COLLECTOR WELL PUMP #1	FEEDER BREAKER	400	3	65		250	302	NO		30	BOTTOM
2	G	NA	DOOR (FUTURE)									12	
2	J	NA	DOOR (FUTURE)									12	
2	M	NA	DOOR (FUTURE)									18	
3	NA	NA	VERTICAL BUS SIZE	600 A									
3	E	CW-P04: COLLECTOR WELL PUMP #4	FEEDER BREAKER	400	3	65		250	302	NO		30	BOTTOM
3	G	NA	DOOR (FUTURE)									12	
3	J	NA	DOOR (FUTURE)									12	
3	M	NA	DOOR (FUTURE)									18	
4	NA	NA	VERTICAL BUS SIZE	600 A									
4	C	CW-P02: COLLECTOR WELL PUMP #2	FEEDER BREAKER	225 A	3	65		100	124	NO		18	BOTTOM
4	F	CW-P03: COLLECTOR WELL PUMP #3	FEEDER BREAKER	225 A	3	65		100	124	NO		18	BOTTOM
4	J	SW-P01: STORMWATER PUMP #1	FEEDER BREAKER	250 A	3	65		125	156	NO		18	BOTTOM
4	M	NA	DOOR (FUTURE)									18	
5	NA	NA	VERTICAL BUS SIZE	600 A									
5	C	SW-P02: STORMWATER PUMP #2	FEEDER BREAKER	250 A	3	65		125	156	NO		18	BOTTOM
5	F	SW-P03: STORMWATER PUMP #3	FEEDER BREAKER	250 A	3	65		125	156	NO		18	BOTTOM
5	H	SW-P04: STORMWATER PUMP #4	FVNR STARTER		3	65	2	20	27*	NO		12	BOTTOM
5	K	EMG SHOWER WATER HEATER	FEEDER BREAKER	150 A	3	65			116			12	
5	M	NA	DOOR (FUTURE)									12	
6	NA	NA	VERTICAL BUS SIZE	600 A									
6	D	VW-P02: VERTICAL WELL PUMP #2	FVNR STARTER		3	65	4	60	77*	YES	SEE CD09	21	BOTTOM
6	G	VW-P03: VERTICAL WELL PUMP #3	FVNR STARTER		3	65	4	60	77*	YES	SEE CD09	21	BOTTOM
6	L	VW-P04: VERTICAL WELL PUMP #4	FVNR STARTER		3	65	4	60	77*	YES	SEE CD09	21	BOTTOM
6	M	NA	DOOR (FUTURE)									9	
7	NA	NA	VERTICAL BUS SIZE	600 A									
7	D	VW-P05: VERTICAL WELL PUMP #5	FVNR STARTER		3	65	4	60	77*	YES	SEE CD09	21	BOTTOM
7	G	VW-P06: VERTICAL WELL PUMP #6	FVNR STARTER		3	65	4	60	77*	YES	SEE CD09	21	BOTTOM
7	L	VW-P06A: VERTICAL WELL PUMP #6A	FVNR STARTER		3	65	4	60	77*	YES	SEE CD09	21	BOTTOM
7	M	NA	DOOR (FUTURE)									9	
8	NA	NA	VERTICAL BUS SIZE	600 A									
8	B	CW-EUH01: ELECTRIC UNIT HEATER #1	FEEDER BREAKER	20 A	3	65			13	NO		12	BOTTOM
8	D	CW-EUH02: ELECTRIC UNIT HEATER #2	FEEDER BREAKER	20 A	3	65			13	NO		12	BOTTOM
8	F	CW-EUH03: ELECTRIC UNIT HEATER #3	FEEDER BREAKER	25 A	3	65			19	NO		12	BOTTOM
8	H	CW-EUH04: ELECTRIC UNIT HEATER #4	FEEDER BREAKER	25 A	3	65			19	NO		12	BOTTOM
8	K	SW-EUH01: ELECTRIC UNIT HEATER #1	FEEDER BREAKER	25 A	3	65			19	NO		12	BOTTOM
8	M	SPARE	FEEDER BREAKER	60 A	3	65				NO		12	BOTTOM
9	NA	NA	VERTICAL BUS SIZE	600 A									
9	B	CW-LP01&02: LIGHTING PANEL #1 & #2	FEEDER BREAKER	125 A	3	65				NO		12	BOTTOM
9	D	CW-CR01: OVERHEAD CRANE	FEEDER BREAKER	20 A	3	65			9.3	NO		12	BOTTOM
9	F	CW-CR02: OVERHEAD CRANE	FEEDER BREAKER	20 A	3	65			13.8	NO		12	BOTTOM
9	H	SW-CR01: OVERHEAD CRANE	FEEDER BREAKER	20 A	3	65			9.3	NO		12	BOTTOM
9	K	CW-CP06: SEAL WATER CP	FEEDER BREAKER	60 A	3	65				NO		12	BOTTOM
9	M	SPARE	FEEDER BREAKER	60 A	3	65				NO		12	BOTTOM

\*MOTOR FLA BASED ON NEC TABLE 430.250. HEATER SELECTION TO BE BASED ON NAMEPLATE FLA OF MOTOR TO BE PROVIDED.  
\*\*MOTOR FLA BASED ON NEC TABLE 430.250. IF ACTUAL FLA IS GREATER THAN LISTED VALUE, CONTRACTOR IS RESPONSIBLE FOR SIZING EQUIPMENT, CONDUCTORS, ETC BASED ON ACTUAL FLA.

FILE NAME = G:\115\110023\Work\_Drwn\_3\_M0\_Ave\_P12\AC000\_Sheets\0876099-ahc-kl-6\_Elec7.dgn



USER NAME = seb	DESIGNED - JUN	REVISED -
	DRAWN - JUN	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 9/25/2014	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**MCC ELEVATION AND SCHEDULE  
MISSOURI AVENUE DEEP WELL FACILITY**

SCALE: AS NOTED SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	82-4T-1	ST. CLAIR	185	170
CONTRACT NO. 76C99				
ILLINOIS FED. AID PROJECT				

E701