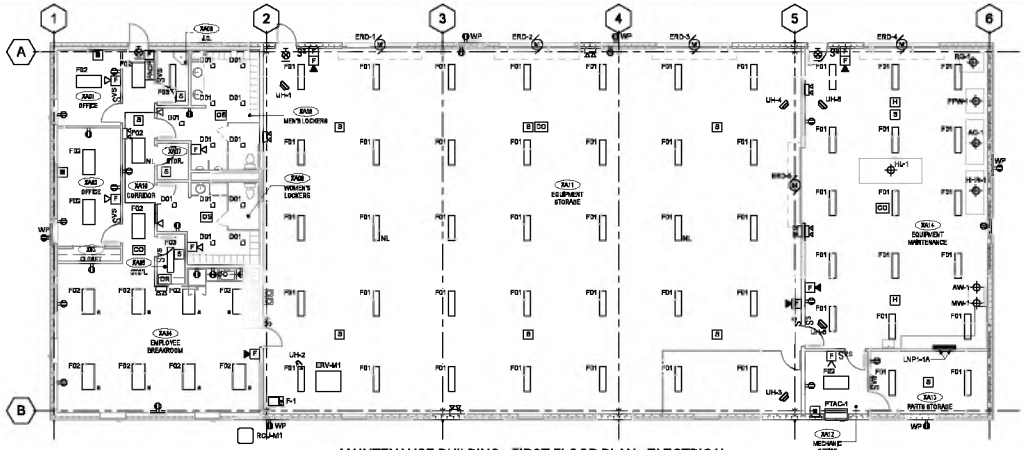

1 MAINTENANCE BUILDING - FIRST FLOOR PLAN - ELECTRICAL

1/8" = 1'-0"

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	MFGR. & CATALOG No.	LAMP	DRIVER VOLTAGE	UNIT WATTS	COLOR TEMP (K)	MOUNTING	DIMMING	LOCATION	REMARKS
C01	4'-0" SQUARE DOWNLIGHT, INTEGRAL DIFFUSE LENS, ALUMINUM SQUARE DECORATIVE ELECTRA WHITE FINISH, EMERGENCY BATTERY PACK FIXTURE, INTEGRAL NICAD BATTERY, MIN 90 MINUTE.	LITHONIA: EL2 6-DO-S36402RM-MW OR APPROVED EQUAL.	90 CRI 770 LUMEN LED MODULE	120V	11W	3500K	RECESSED	NO	LOCKER ROOMS	--
EM01	EMERGENCY BATTERY PACK FIXTURE, INTEGRAL NICAD BATTERY, MIN 90 MINUTE.	LITHONIA: ELZL 6H APPROVED EQUAL.	LED	120-277V	1W	--	WALL SURFACE	--	ALL	PROVIDE ADDITIONAL REMOTE HEADS WHERE SHOWN.
EX01	THERMOPLASTIC LED EXIT SIGN, INTEGRAL 90 MINUTE MINIMUM BATTERY.	LITHONIA, EATON, OR APPROVED EQUAL.	RED LED	120-277V	5W	--	AS SHOWN	--	ALL	
F01	1'x4' LED ARC LOW BAY FIXTURE, ENAMEL FINISH, DAMP LOCATION LISTED.	LITHONIA: VIS SERIES MBG-L300-LA-HSG-4-WOLT-HCB-SQ-SDCN OR APPROVED EQUAL.	80 CRI, 5800 LUMEN LED MODULE	277V	76W	4000K	SURFACE OR PENDANT	NO	EQUIPMENT STORAGE	REFER TO ARCHITECTURAL RCP FOR MOUNTING HEIGHT.
F02	2'x4' FLAT LED PANEL.	LITHONIA: CPX LED SERIES CPX-2X2-3250-SW-M OR APPROVED EQUAL.	80 CRI, 3200 LUMEN LED MODULE	120-277V	32W	3500K	RECESSED	NO	OFFICES	PROVIDE SURFACE MOUNT ADAPTER WHERE NECESSARY.
SE1	20 SITE LIGHTING FIXTURE, INTEGRAL PHOTOCELL, TYPE V DISTRIBUTION.	LITHONIA: D-SERIES OR APPROVED EQUAL.	11000 LUMEN MODULE	120-277V	102W	4000K	POLE	NO	SITE EXTERIOR	--
SE2	10FT SURFACE WALL MOUNTED LED SITE FIXTURE, INTEGRAL PHOTOCELL, TYPE IV DISTRIBUTION.	LITHONIA: D-SERIES OR APPROVED EQUAL.	10000 LUMEN MODULE	120-277V	71W	4000K	EXTERIOR WALL	NO	EXTERIOR	--
W01	EXTERIOR WALL MOUNTED LED WALL PACK, REFRACTIVE GLASS LENS, INTEGRAL PHOTOCELL, INTEGRAL EMERGENCY BATTERY FIXTURE.	LITHONIA: WST LED SERIES OR APPROVED EQUAL.	6000 LUMEN MODULE	120-277V	61W	4000K	EXTERIOR WALL	NO	EXTERIOR	--

ELECTRIC EQUIPMENT AND CONTROL SCHEDULE

GENERAL NOTES:

A. ALL DEVICES PROVIDED BY THE DIVISION 16 CONTRACTOR.
B. ITEM NUMBER INDICATES EQUIPMENT NUMBER.
C. ALL DEVICES SHALL BE SURFACE MOUNTED UNLESS OTHERWISE NOTED.
D. PROVIDE OVERLOADS, SIZE AS REQUIRED, BY THE DIVISION 16 CONTRACTOR.
E. "AU" INDICATES CONTROL DEVICES IS LOCATED AT THE UNIT.
F. "NF" INDICATES NON-FUSED.
G. "IL" INDICATES INTEGRAL WITH UNIT.

EQUIPMENT								POWER SOURCE, PROTECTION & WIRING								CONTROL DEVICES AS SHOWN ON THE PLANS BY ITEM DESIGNATION																							
ITEM ID	NAME	ROOM LOCATION	HP	KW	PHASE	SYSTEM VOLTS	MCA or SYSTEM AMPS	PANEL or CONTROL CENTER	CIRCUIT BREAKER or "TVSS" FOR FUSE	POWER WIRING FROM PANEL TO CONTROL UNIT			POWER WIRING FROM CONTROL UNIT TO EQUIPMENT			NEMA SIZE STARTER	NEMA TYPE	MANUAL MOTOR STARTER	MANUAL MOTOR STARTER WITH RELAY	MAGNETIC STARTER	COMBINATION MAGNETIC STARTER	COMBINATION REVERSING VOLTAGE STARTER	COMBINATION STARTER MFR/MODEL (F)	ADJUSTABLE SPEED DRIVE	ADJUSTABLE SPEED DRIVE WITH BYPASS	ADJUSTABLE SPEED DRIVE WITH RESIDUAL GFP	PACKAGED CONTROL UNIT FURNISHED BY OTHERS	DUPLEX PUMP CONTROLLER BY OTHERS	FIRE ALARM FAN SHUTDOWN BY OTHERS	SAFETY DUCT SMOKE DETECTOR W/ REMOTE TEST STATION	RETURN DUCT SMOKE DETECTOR W/ REMOTE TEST STATION	EXHAUST DUCT SMOKE DETECTOR W/ REMOTE TEST STATION	THERMOSTAT CONNECTION	AQUASTAT CONNECTION	MOTORIZED DAMPER CONNECTION	START/STOP PUSHBUTTONS	HANDOFF/AUTO SELECTOR SWITCH	CONTROL DEVICE LOCATION	SAFETY SWITCH				REF. NOTES	ITEM ID
										PHASE	GROUND	CONDUIT	PHASE	GROUND	CONDUIT																					SWITCH AMPS	FUSE SIZE	LOC.	WEATHER PROOF		
EWH-1	WALL HEATER	ICE ROOM		1.5	1	240	6.3		20/2	2#12	1#12	1/2"C	2#12	1#12	1/2"C																										EWH-1
UH-1	UNIT HEATER No.1	EQUIPMENT STORAGE XA11																																		30	NF	AU	N		UH-1
UH-2	UNIT HEATER No.2	EQUIPMENT STORAGE XA11																																		30	NF	AU	N		UH-2
UH-3	UNIT HEATER No.3	EQUIPMENT STORAGE XA11																																		30	NF	AU	N		UH-3
UH-4	UNIT HEATER No.4	EQUIPMENT STORAGE XA11																																		30	NF	AU	N		UH-4
UH-5	UNIT HEATER No.5	EQUIPMENT MAINTENANCE XA14																																		30	NF	AU	N		UH-5
UH-6	UNIT HEATER No.6	EQUIPMENT MAINTENANCE XA14																																		30	NF	AU	N		UH-6
RCU-1	AIR COOLED CONDENSING UNIT	CLUBHOUSE EXTERIOR			1	208	32.8	UNP-3	40/2	2#8	1#10	3/4"C	2#8	1#10	3/4"C																					60	NF	AU	Y		RCU-1
RCU-M1	AIR COOLED CONDENSING UNIT	MAINTENANCE EXTERIOR			3	208	18.0	UNP1-1A	30/3	3#10	1#10	3/4"C	3#10	1#10	3/4"C																					60	NF	AU	Y		RCU-M1
FCU-01	FAN COIL UNIT No.1	LOUNGE XC01			1	208	0.2	UNP-3	20/1	2#12	1#12	1/2"C	2#12	1#12	1/2"C			X																						FCU-01A
FCU-01B	FAN COIL UNIT No.2	LOUNGE XC01			1	208	0.2	UNP-3	20/1	2#12	1#12	1/2"C	2#12	1#12	1/2"C			X																						FCU-01B
FCU-06A	FAN COIL UNIT No.3	MEETING SPACE XC06			1	208	0.2	UNP-3	20/1	2#12	1#12	1/2"C	2#12	1#12	1/2"C			X																						FCU-06A
FCU-06B	FAN COIL UNIT No.4	MEETING SPACE XC06			1	208	0.2	UNP-3	20/1	2#12	1#12	1/2"C	2#12	1#12	1/2"C			X																						FCU-06B
FCU-16	FAN COIL UNIT No.5	MEETING SPACE XC16			1	208	1.4	UNP-3	20/2	2#12	1#12	1/2"C	2#12	1#12	1/2"C			X																						FCU-16
FCU-19	FAN COIL UNIT No.6	WORK ROOM XC19			1	208	0.2	UNP-3	20/1	2#12	1#12	1/2"C	2#12	1#12	1/2"C			X																						FCU-19
HL-1	HYDRAULIC LIFT	MAINTENANCE			1	220	30.8	UNP1-1A	40/3	3#8	1#10	3/4"C	3#8	1#10	3/4"C																									HL-1
AC-1	AIR COMPRESSOR	MAINTENANCE	5		1	208	33.8	UNP1-1A	40/3	3#8	1#8	3/4"C	3#8	1#8	3/4"C																									AC-1
CFS-1	CHEMICAL/FERTILIZER STORAGE	MAINTENANCE			1	120			#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!	#VALUE!																									CFS-1
PTAC-1	PACKAGED TERMINAL AIR CONDITIONERS	MECHANIC OFFICE XA12			1	208	14.1	UNP1-1A	20/2	2#12	1#12	1/2"C	2#12	1#12	1/2"C																									PTAC-1
HHR-1	HYDRAULIC HOSE REPAIR	EQUIP. MAINTENANCE XA14			1	120	10.8	UNP1-1A	20/1	2#12	1#12	1/2"C	2#12	1#12	1/2"C																									HHR-1
AW-1	ARC WELDER	EQUIP. MAINTENANCE XA14			1	230	25.0	UNP1-1A	40/2	2#8	1#10	3/4"C	2#8	1#10	3/4"C																									AW-1
MW-1	MIG WELDER	EQUIP. MAINTENANCE XA14			1	230	25.0	UNP1-1A	40/2	2#8	1#10	3/4"C	2#8	1#10	3/4"C																									MW-1
RG-1	REEL GRINDER	EQUIP. MAINTENANCE XA14			1	120	20.0	UNP1-1A	30/1	2#12	1#10	3/4"C	2#10	1#10	3/4"C																									RG-1
PPW-1	PORTABLE PRESSURE WASHER	EQUIP. MAINTENANCE XA14			1	120	20.0	UNP1-1A	30/1	2#10	1#10	3/4"C	2#10	1#10	3/4"C																									PPW-1
WPRS-1	WASH PAD RECYCLE SYSTEM	MAINTENANCE EXTERIOR			1	120	20.0	UNP1-1A	20/1	2#10	1#10	3/4"C	2#10	1#10	3/4"C																					30	NF	AU	Y		WPRS-1
WRSP-1	WASH PAD SUMP PUMP	MAINTENANCE EXTERIOR			1	120	8.0	UNP1-1A	20/1	2#12	1#12	1/2"C	2#12	1#12	1/2"C																					30	NF	AU	Y		WRSP-1
FP-1	GAS & DIESEL FUEL TANK PUMP	MAINTENANCE EXTERIOR			1	120	8.8	UNP1-1A	20/1	2#12	1#12	1/2"C	2#12	1#12	1/2"C			X																		AU					FP-1
ERD-1	ELECTRIC ROLL-UP DOOR No.1	EQUIP. STORAGE XA11			1	120	6.5	UNP1-1A	20/1	2#12	1#12	1/2"C	2#12	1#12	1/2"C			X																		AU					ERD-1
ERD-2	ELECTRIC ROLL-UP DOOR No.2	EQUIP. STORAGE XA11			1	120	6.8	UNP1-1A	20/1	2#12	1#12	1/2"C	2#12	1#12	1/2"C			X																		AU					ERD-2
ERD-3	ELECTRIC ROLL-UP DOOR No.3	EQUIP. STORAGE XA11			1	120	6.8	UNP1-1A	20/1	2#12	1#12	1/2"C	2#12	1#12	1/2"C			X																		AU					ERD-3
ERD-4	ELECTRIC ROLL-UP DOOR No.4	EQUIP. STORAGE XA14			1	120	6.5	UNP1-1A	20/1	2#12	1#12	1/2"C	2#12	1#12	1/2"C			X																		AU					ERD-4
ERD-5	ELECTRIC ROLL-UP DOOR No.5	EQUIP. STORAGE XA14			1	120	6.5	UNP1-1A	20/1	2#12	1#12	1/2"C	2#12	1#12	1/2"C			X																		AU					ERD-5
ERD-6	ELECTRIC ROLL-UP DOOR No.6	CART STORAGE XB01			1	120	6.5	UNP-2	20/1	2#12	1#12	1/2"C	2#12	1#12	1/2"C			X																		AU					ERD-6
ERD-7	ELECTRIC ROLL-UP DOOR No.7	CART STORAGE XB01			1	120	6.5	UNP-2	20/1	2#12	1#12	1/2"C	2#12	1#12	1/2"C			X																		AU					ERD-7
F-1	FURNACE	EQUIPMENT STORAGE XA11			1	120	0.0	UNP1-1A	20/1	2#12	1#12	1/2"C	2#12	1#12	1/2"C																									F-1
ERV-M1	ENERGY RECOVERY UNIT	EQUIPMENT STORAGE XA 11			1	208	8.6	UNP1-1A	20/2	2#12	1#12	1/2"C	2#12	1#12	1/2"C																									ERV-M1
ERV-CH-1	ENERGY RECOVERY UNIT	KITCHEN XC02			1	208	8.5	UNP-3	20/2	2#12	1#12	1/2"C	2#12	1#12	1/2"C																									ERV-CH-1

RW Monster Golf Maintenance Building

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P.M. ____ P.A. ____

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JOB H18294.00 PHASE 14
DRAWN DSL
SCALE 1/8" = 1'-0"

REVISION #:

FIRST FLOOR PLAN - ELECTRICAL

E-113