

LUMINAIRE SCHEDULE

MOUNTING: (MTO)		LAMP TYPE:		LENS/LOUVER: (LL)	
RE - RECESSED		FL - FLUORESCENT		A - 125° ACRYLIC	
SP - SUSPENDED		CF - COMPACT FLUORESCENT		B - BLACK BAFFLE	
CL - CEILING SURFACE		HL - HALOGEN		C - CLEAR ALZAK	
WL - WALL		IN - INCANDESCENT		D - PARABOLIC	
UC - UNDER CABINET		LED - LIGHT EMITTING DIODE		F - FRESNEL	
CV - COVE		HS - HIGH PRESSURE SODIUM		G - TEMPERED GLASS	
PL - POLE		MH - METAL HALIDE		H - WALL WASHER	
O - OTHER (SEE DESCRIPTION)		SMH - SUPER METAL HALIDE		P - POLYCARBONATE	
DOOR:		PSMH - PULSE START METAL HALIDE		K - KSH12 125° ACRYLIC	
		CMH - CERAMIC METAL HALIDE		K19 - KSH19 156° ACRYLIC	
		O - OTHER (SEE DESCRIPTION)		L - LOW IRIDESCENT SPECULAR ALUM.	
		XL - EXTENDED LIFE		N - NONE	
		XLP - EXTENDED LIFE & OUTPUT		R - HIGH IMPACT DR ACRYLIC	
				O - OTHER (SEE DESCRIPTION)	
FINISH:		BALLAST: (BLB)		HBF - BALLAST FACTOR	
		DM - DIMMING BALLAST		HL - HIGH/LOW LEVEL BALLAST	
		EB - ELECTRONIC BALLAST		HP - HIGH PERFORMANCE-LOW BALL FACTOR	
		EM - EMERGENCY BATTERY/BALLAST		ML - MULTI-LEVEL SWITCHING	
PAF - PAINT AFTER FABRICATION		DALI - DIGITAL DIMMING BALLAST		MV - MULTI-VOLTAGE ELECTRONIC	
CSA - FINISH SELECTION BY ARCHITECT					

CATALOG NUMBER SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. THE COMPLETE DESCRIPTION AND THE SPECIFICATION SHALL BE COORDINATED WITH THE CATALOG NUMBER TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE FIRST MANUFACTURER LISTED IS THE BASIS FOR DESIGN. REFER TO SPECIFICATION SECTIONS LIGHTING 16510 26 51 00 AND EMERGENCY LIGHTING 16535 26 52 00 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.

ALL LAMPS FOR THIS PROJECT SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNLESS OTHERWISE NOTED. FLUORESCENT LAMP CORRELATED COLOR TEMPERATURE 3500K, COLOR RENDERING INDEX (CRI) AT OR ABOVE 90, UNLESS NOTED OTHERWISE.

ITEM	DESCRIPTION	SIZE	MTG	TYPE	LAMPS QUANTITY & SIZE	BLB	LL	MANUFACTURER AND CATALOG #
F1	RECESSED DIRECT, VOLUMETRIC LUMINAIRE, IMPACT MODIFIED ACRYLIC PRISMATIC REFRACTOR WITH POLYMER LIGHT DIFFUSING FILM, ONE-PIECE COLD-ROLLED STEEL REFLECTOR WITH EMBOSSED FACETS, POLYESTER POWDER PAINT AFTER FABRICATION, STEP DIMMING BALLAST 50-100%, 1.15 BALLAST FACTOR, UL LISTED.	2'X4' 3.5'H	RE	FL	2 28WATT P228/T5	120V EB	HBF HL	LITHONIA 2R15 28T5 MVOLT GEB115S LMP835P
F2	RECESSED DIRECT, VOLUMETRIC LUMINAIRE, IMPACT MODIFIED ACRYLIC PRISMATIC REFRACTOR WITH POLYMER LIGHT DIFFUSING FILM, ONE-PIECE COLD-ROLLED STEEL REFLECTOR WITH EMBOSSED FACETS, POLYESTER POWDER PAINT AFTER FABRICATION, 1.15 BALLAST FACTOR, UL LISTED.	2'X4' 3.5'H	RE	FL	2 28WATT P228/T5	120V EB	HBF	LITHONIA 2R15 28T5 MVOLT GEB115 LMP835P
F2E	SAME AS F2, BUT PROVIDED WITH EMERGENCY BATTERY/BALLAST.					120V EB	HBF	LITHONIA 2R15 28T5 MVOLT GEB115 EL14 LMP835P
F3	PENDANT-MOUNTED SEMI-DIRECT LUMINAIRE, 11% UPLIGHT, 88% DOWNLIGHT, EXTRUDED ALUMINUM HOUSING WITH TAPERED, MULTI-GROOVED SIDES, TINTED GREEN ACRYLIC BAFFLES, SEMI-SPECULAR SIDE REFLECTORS, SCULPTURED DIE-CAST ALUMINUM END CAPS, PAINTED TO MATCH THE HOUSING, MATTE WHITE FINISH, ARCHWAVE CABLE SUSPENSION 120" A.F.F., 2-WIRE DIMMING BALLAST 5-100%, UL LISTED.	4'L 5.9"W 4.3"H	SP	FL	2 28WATT P228/T5	120V DIM		PRUDENTIAL APA GLO STR WFA 2T5 24" TMW TMW X3(2) EMH
F3E	SAME AS F3, BUT PROVIDED WITH EMERGENCY BATTERY/BALLAST.					120V DIM	EM	
F4	4" INDUSTRIAL, DIE-FORMED COLD ROLLED STEEL CHANNEL AND REFLECTOR, DIE-EMBOSSED SOLID TOP REFLECTOR, BAKED WHITE ENAMEL FINISH, MOUNTED +102" A.F.F., COORDINATE WITH EQUIPMENT LOCATED IN ROOM, UL LISTED.	13.3"W 4"L 2.2"H	SP	FL	2 28WATT P228/T5	120V EB		N LITHONIA Z Z55MR46 28T5 MVOLT GEB10PS
F4E	SAME AS F4, BUT PROVIDED WITH EMERGENCY BATTERY/BALLAST.					120V EB	EM	LITHONIA Z Z55MR46 2 28T5 MVOLT GEB10PS EL15
F5	HORIZONTAL COMPACT FLUORESCENT DOWNLIGHT, SELF-FLANGED FACETED SPUN CLEAR SPECULAR REFLECTOR, GALVANIZED STEEL HOUSING, UL LISTED.	6" DIA 6.3"H	RE	CF	1 42WATT CFM42W/ QX4Q-4	120V EB		O ELITE HHPL 1X42 E MVOLT 6501 CL WH
F5E	SAME AS F5, BUT PROVIDED WITH EMERGENCY BATTERY/BALLAST.					120V EB	EM	ELITE HHPL 1X42 E MVOLT EMG750 6501 CL WH
F6	RECESSED WALL WASH LUMINAIRE, PAINTED COLD-ROLLED STEEL HOUSING, SCULPTURED ASYMMETRIC REFLECTOR, BLACK METAL DIFFUSER WITH ROUND HOLES, UL LISTED.	3.5"W 2'L 3.9"H	RE	FL	1 14WATT FP14/T5	120V EB		O PEERLESS HWB G 1 14T5 HOU, U2 MVOLT GEB10 L P835 C200
F7	RECESSED DIRECT FLUORESCENT DOME WITH FROSTED ACRYLIC FLAT LENS, LENS TEXTURED ON ONE SIDE, UNIVERSAL CEILING TRIM RING, ONE-PIECE STEEL REFLECTOR WITH HIGH REFLECTANCE WHITE POWDER COAT FINISH, UL LISTED.	4'DIA 8.6"H	RE	FL	4 28WATT P228/T5	120V EB		O PRUDENTIAL P-8840-4T5-PWA-YGW-SC-120-X3B
F7E	SAME AS F7, BUT PROVIDED WITH EMERGENCY BATTERY/BALLAST.					120V EB	EM	PRUDENTIAL P-8840-4T5-PWA-YGW-SC-120-X3B-EM
F8	DECORATIVE SUSPENDED PENDANT, TRANSLUCENT POLYCARBONATE SHROUD, EXTERIOR SHROUD WITH LED ACCENT COLOR, LED ACCENT COLOR TO BE SELECTED BY ARCHITECT, DIE-CAST ALUMINUM HOUSING, ALUMINUM REFLECTOR, UL LISTED, MOUNTED +120" A.F.F.	12"DIA 13"H	SP	CF	1 42WATT CFTR42W/ QX4Q-4	120V EB		N OMEGA OR2142PLTPOLYACLU
F8E	SAME AS F8, BUT PROVIDED WITH EMERGENCY BATTERY/BALLAST.					120V EB	EM	
F9	HORIZONTAL COMPACT FLUORESCENT DOWNLIGHT, SELF-FLANGED FACETED SPUN CLEAR SPECULAR REFLECTOR, GALVANIZED STEEL HOUSING, UL LISTED.	6" DIA 6.3"H	RE	CF	1 32WATT CFM32W/ QX4Q-4	120V EB		O ELITE HHPL 1X32 3 MVOLT EMG750 6501 CL WH
F9E	SAME AS F9, BUT PROVIDED WITH EMERGENCY BATTERY/BALLAST.					277V EB	EM	ELITE HHPL 1X32 E MVOLT EMG750 6501 CL WH
F10	LINEAR LED COVE LUMINAIRE, LOW PROFILE EXTRUDED ALUMINUM HOUSING AND HEAT SINK, ASYMETRIC FORWARD THROW DISTRIBUTION, 3000K WHITE LED, SIDE SURFACE MOUNT, ANODIZED ALUMINUM FINISH CONTINUOUS LENGTH AS SHOWN ON LIGHTING PLANS. COORDINATE COVE MOUNTINGS WITH ARCHITECTURAL DETAILS. PROVIDE ELECTRICAL FEED SUITABLE FOR INSTALLATION. STANDARD FINISH, PROVIDE POWER SUPPLY NECESSARY FOR MOUNT AND DISTANCE OF LUMINAIRES. MOUNT POWER SUPPLY IN ACCESSIBLE AREA ADJACENT TO LUMINAIRE UNLESS OTHERWISE NOTED, UL LISTED.	1" W 85"D	CV	LED	2.1 WATT/FT LED 3000K	120V DIM		N ELITE LB100-15F-30K/ LB100-ACC 8LB100-DR-12V-60W
F11E	DECORATIVE SEMI-RECESSED LUMINAIRE, ROUND OPAL DIFFUSER, CEILING MOUNTED, CLEAR SILICONE ORNATE ONE-PIECE STEEL REFLECTOR, MATTE SATIN WHITE POWDER COAT FINISH, REMOTE EMERGENCY BATTERY/BALLAST, UL LISTED.	22"DIA 4.8"D	RE	FL	1 55WATT TS-C	120V EB		O FOCAL POINT FMN-SR22-FC85-120-S-L835-WH ALUHAM FH5-DUAL-1400L
F12	CONTINUOUS LINEAR FLUORESCENT LUMINAIRE, FLANGELESS, STEEL HOUSING WITH DIE-FORMED STEEL AND ALUMINUM EXTRUSIONS, STEEL REFLECTORS FINISHED IN HIGH REFLECTANCE WHITE POWDER COAT, MOUNTED INSIDE SUSPENDED WOOD CLAD BEAMS, STAGGERED LAMP CONFIGURATION, CONTINUOUS ACRYLIC LENS DIFFUSER WITH SATIN FROSTED WHITE FINISH, 2-WIRE DIMMING BALLAST 5-100%, UL LISTED.	3"W 12'L 5"D	RE	FL	1 28WATT P228/T5	120V DIM		O MARK ARCH SL4F 12'QB 1/TTSSDB 120 FA EMPK
F12E	SAME AS F12, BUT PROVIDED WITH EMERGENCY BATTERY/BALLAST.					120V DIM	EM	

LUMINAIRE SCHEDULE - CONTINUED

ITEM	DESCRIPTION	SIZE	MTG	TYPE	LAMPS QUANTITY & SIZE	BLB	LL	MANUFACTURER AND CATALOG #
F13E	EXTERIOR RECESSED DOWNLIGHT, WET LOCATION, DIE-CAST ALUMINUM HOUSING, ALUMINUM REFLECTOR WITH LOW IRIDESCENT ANODIZED FINISH, REFLECTOR PROVIDES 45° CUTOFF, BAFFLE WITH FROSTED GLASS LENS, COLD-WATER EMERGENCY BATTERY/BALLAST, UL LISTED.	6.3"W 6.8"H 10.5"D	WL	CF	1 32WATT FM32W/TRT	120V EB		LITHONIA VR1C 42TR1 MVOLT LPI
F14	WALL MOUNTED GENERAL ILLUMINATION LUMINAIRE, MOUNT +90" F.F., WHITE OPAL POLYCARBONATE LENS, UV-STABILIZED, ONE-PIECE DIE-CAST ALUMINUM HOUSING, DARK BRONZE FINISH, UL LISTED.	8.3"W 8.8"H 8"D	WL	CF	1 42WATT FM42W/TRT	120V EB		G SHAPER 684-WP-CFL1-120V-NBZ-C-TGL
F15	EXTERIOR WALL SCONCE, MOUNTED +120" ABOVE GRADE, MEDIUM THROW, PAINTED ALUMINUM POLYESTER POWDER COAT FINISH, CLEAR TEMPERED GLASS FOR FULL CUTOFF, REAR THROUGH WALL FEED CONDUIT, MOUNTING, UL LISTED FOR WET LOCATIONS.	8"W 8"D 8"H	WL	CF	1 32WATT FM32W/TRT	120V EB		G SHAPER 684-WP-CFL1-120V-NBZ-C-TGL
F15E	SAME AS F15, BUT PROVIDED WITH EMERGENCY BATTERY/BALLAST.					120V EB	EM	SHAPER 684-WP-CFL1-120V-NBZ-C-TGL 107A 1420-EM-A
F16	TWIN SLIM SURFACE MOUNTED RECTANGULAR MIRROR, VERTICAL INTEGRAL FLUORESCENT LAMPS SET BEHIND FROSTED PANELS ON EACH SIDE, ADA COMPLIANT.	19.6"W 27.5"H 2"D	WU/ RE	FL	2 24WATT F24T3HO	120V EB		G EDGE TWINSLIM-20-F1
EX1	SINGLE-FACED EDGE-LIT EXIT SIGN, INJECTION-MOLDED VIRGIN ACRYLIC PANEL, EXTRUDED ALUMINUM HOUSING WITH BRUSHED ALUMINUM FINISH, GREEN 8" HIGH LETTER ON CLEAR BACKGROUND, UL LISTED.	13.3"W 8"H 2"D	CL	LED	1 1.3WATT LED	120V N		N CHLORIDE SE W 1R
EX2	DOUBLE-FACED EDGE-LIT EXIT SIGN, INJECTION-MOLDED VIRGIN ACRYLIC PANEL, EXTRUDED ALUMINUM HOUSING WITH BRUSHED ALUMINUM FINISH, GREEN 8" HIGH LETTER ON CLEAR BACKGROUND, UL LISTED.	13.3"W 7.7"H 2"D	CL	LED	1 2.3WATT LED	120V N		
S1	SINGLE HEAD SITE LIGHTING LUMINAIRE, ALUMINUM HOUSING, GASKETED, TEMPERED GLASS LENS, TYPE II DISTRIBUTION, BLACK PAINT FINISH, INTERNAL HOUSESIDE SHIELD, UL LISTED WET LOCATION, 20'4" TAPERED ROUND ALUMINUM POLE, INTERNAL POLE VIBRATION DAMPER, LAMP SUPPORT.	14.6"W 7.7"H 23.2"D	PL	CMH	1 150WATT CMH150	120V G		LITHONIA KSF1 150M R2 TR SP04 SCWA DBL LPI HS RTA S2 SC DM19 DBL VD
S2	DECORATIVE BOLLARD, CROSS-SHAPED ALUMINUM PROFILE AND CYLINDRICAL HOUSING, CORROSION-RESISTANT CAST ALUMINUM, NO-RINSE TREATMENT, DOUBLE POWDER-COATED, REPLACABLE LED MODULE, HIGH-POWER LEDS ON METAL-CORE PCB WITH SPOT REFLECTOR LENS SYSTEM, CYLINDRICAL LUMINAIRE HEAD WITH LOWER PRISM LENS.	4.7"DIA 20.7"H	O	LED	10 1WATT LED	120V O		ERCO MODEL# 33333-023
S3	EXTERIOR GROUND-MOUNT FACADE LUMINAIRE, DEEP WALL WASH 14" PRECISION REFLECTOR BEAM GROUND MOUNT, HEAVY DUTY SINGLE PIECE DIE-CAST ALUMINUM OPTICAL HOUSING AND DOORFRAME, TEMPERED GLASS LENS, SINGLE PIECE MOLDED SILICONE GASKET, AMING KNUCKLE, CUTOFF VISOR, INTEGRAL BALLAST, UL LISTED FOR WET LOCATION, FINISH SELECTION BY ARCHITECT.	7.3"W 11.8"H 27.6"D	O	CMH	1 150WATT CMH150T6/ Q12	120V G		INSIGHT M32 150CMH 1 DWW SM 1 TBL VS

ELECTRICAL MATERIAL LIST

ITEM NO.	SYMBOL	DESCRIPTION	
1	DEVICE COLOR	ALL SWITCH, RECEPTACLE, OUTLET, AND COVERPLATE COLORS SHALL BE AS SPECIFIED.	SEE SPECIFICATIONS
2	COVER PLATES	ALL SWITCHES, RECEPTACLES, AND OUTLETS SHALL BE COMPLETE WITH COVERPLATES AS SPECIFIED IN FINISHED SPACES: #302 STAINLESS STEEL COVERPLATES IN UNFINISHED SPACES FOR FLUSH BOXES; AND GALVANIZED STEEL COVERPLATES IN UNFINISHED SPACES FOR SURFACE MOUNTED BOXES. WHERE SEVERAL DEVICES ARE GANGED TOGETHER, THE COVER PLATE SHALL BE OF THE GANGED STYLE FOR THE NUMBER OF DEVICES USED. INSTALL NAMEPLATE IDENTIFICATION.	SEE SPECIFICATIONS
3	S	SWITCH, SINGLE POLE, SINGLE THROW, 120/277 VOLT, 20 AMP, TOGGLE HANDLE, MAINTAINED CONTACT, SIDE AND BACK WIRED.	.
4	S ₃	SWITCH, THREE WAY, 120/277 VOLT 20 AMP, TOGGLE HANDLE, SIDE AND BACK WIRED.	.
5	S ₀	LINE VOLTAGE OCCUPANCY SENSOR WALL SWITCH, PASSIVE INFRARED, ZERO CROSSING CIRCUITRY, ADJUSTABLE SENSITIVITY AND TIME DELAY, NO MINIMUM LOAD REQUIREMENTS, MANUAL OR AUTO ON OPERATION, 5 YEAR WARRANTY.	.
6	S ₀₂	LINE VOLTAGE OCCUPANCY SENSOR AND DUAL SWITCHES WALL SWITCH, PASSIVE INFRARED, ZERO CROSSING CIRCUITRY, SWITCHES CONTROL TWO SEPARATE CIRCUITS OR RELAYS, ADJUSTABLE SENSITIVITY AND TIME DELAY, NO MINIMUM LOAD REQUIREMENTS, MANUAL OR AUTO ON OPERATION, 5 YEAR WARRANTY.	.
7	S _K	SWITCH, KEY LOCK TYPE, SINGLE POLE, SINGLE THROW, 120/277 VOLT 20 AMP MAINTAINED CONTACT, SIDE AND BACK WIRED, PROVIDE KEY TO OWNER.	.
8	ⓄⓊ	LOW VOLTAGE OCCUPANCY SENSOR, ULTRASONIC CEILING MOUNTED, FREQUENCY 40KHZ SOLID STATE, 360 DEGREE COVERAGE PATTERN, ADJUSTABLE SENSITIVITY AND TIME DELAY, INTEGRAL ISOLATED RELAY CONTACT, TEMPERATURE AND HUMIDITY RESISTANT RECEIVERS, SENSOR SHALL CONTROL ALL CIRCUITS IN AREA UNLESS NOTED OTHERWISE. INITIAL SETTINGS: TIME DELAY 30 MINUTES, 5 YEAR WARRANTY. CONTRACTOR SHALL SUBMIT MANUFACTURER SUPPLIED SENSOR COVERAGE DRAWING FOR SHOP DRAWING REVIEW.	.
9	ⓄⓊ _D	LOW VOLTAGE OCCUPANCY SENSOR, DUAL TECHNOLOGY PASSIVE INFRARED/ULTRASONIC FREQUENCY GREATER THAN 40 KHZ DUAL SENSING VERIFICATIONS (REQUIRES BOTH TECHNOLOGIES TO ACTIVATE), EITHER TECHNOLOGY MAINTAINS ON STATUS, ADJUSTABLE SENSITIVITY AND TIME DELAY, INTEGRAL ISOLATED RELAY CONTACT, CORNER MOUNTED FROM SWIVEL BRACKET, SENSOR SHALL CONTROL ALL CIRCUITS IN AREA UNLESS NOTED OTHERWISE. INITIAL SETTINGS: TIME DELAY 30 MINUTES, 5 YEAR WARRANTY. CONTRACTOR SHALL SUBMIT MANUFACTURER SUPPLIED SENSOR COVERAGE DRAWING FOR SHOP DRAWING REVIEW.	.
10	Ⓟ	POWER SUPPLY, USED IN CONJUNCTION WITH OCCUPANCY SENSORS AND DAYLIGHT SENSORS, SELF CONTAINED RELAY/TRANSFORMER UNIT, 120 VAC, 20A BALLAST LOAD, MOUNT TO STANDARD 1/2" KNOCKOUT ON ELECTRICAL BOX, MOUNT ABOVE CEILING ADJACENT TO SENSOR, SENSOR POWER SHALL BE FROM EMERGENCY CIRCUIT, IF EMERGENCY LIGHTING IS IN ROOM	MANUFACTURER OF OCCUPANCY SENSOR AND DAYLIGHT SENSORS
11	S _L V	RELAY PANEL LOW VOLTAGE WALLSTATION WITH ENGRAVABLE BUTTONS, REFER TO DRAWINGS AND SPECIFICATIONS FOR DETAILS.	MANUFACTURER OF RELAY PANEL
12	ⓅⓄ	PHOTOCELL, 120/277 VOLT, 1800 V.A. RATED, SINGLE POLE, SINGLE THROW CONTACT, WEATHERPROOF AND CORROSION PROOF ENCLOSURE, MOUNT FACING NORTH, UL LISTED.	.
13	Ⓡ ₁	RECEPTACLE, DUPLEX, 125 VOLT, 20 AMP, 3 WIRE GROUNDING TYPE, N.E.M.A. 5-20R, IMPACT RESISTANT THERMOPLASTIC FACE, STEEL BACK STRAP.	.
14	Ⓡ ₂	DOUBLE DUPLEX, CONSIST OF TWO DUPLEX RECEPTACLES, DOUBLE GANG BOX, PLASTER RING AND FACEPLATE.	.
15	Ⓡ ₃	RECEPTACLE, GROUND FAULT DUPLEX, 125 VOLT, 20 AMP, 3 WIRE GROUNDING TYPE, N.E.M.A. 5-20R, TEST AND RESET BUTTONS IN IMPACT RESISTANT THERMOPLASTIC FACE.	.
16	Ⓡ ₄	RECEPTACLE, TAMPER RESISTANT DUPLEX, HOSPITAL GRADE, 125 VOLT, 20 AMP, 3 WIRE GROUNDING TYPE, NEMA 5-20R, IMPACT RESISTANT THERMOPLASTIC FACE.	.
17	Ⓝ ₁ Ⓝ ₂	JUNCTION BOX, SIZE PER N.E.C., SEE SPECIFICATIONS FOR GENERAL CONSTRUCTION, USE OF THIS SYMBOL DOES NOT INDICATE ALL JUNCTION BOXES REQUIRED FOR THIS CONTRACT ARE SHOWN.	SEE SPECIFICATIONS
18	Ⓞ ₁ Ⓞ ₂	ELECTRICAL CONNECTION TO EQUIPMENT AND MOTORS, SIZE PER N.E.C. COORDINATE REQUIREMENTS WITH CONTRACTOR FURNISHING EQUIPMENT OR MOTOR. SEE SPECIFICATIONS AND GENERAL INSTALLATION NOTES FOR TERMINATIONS TO MOTORS.	SEE SPECIFICATIONS
19	ⓄⓈ ⓄⓈ ₁	DISCONNECT SWITCH, HEAVY DUTY, NEMA ENCLOSURE, LOCKABLE IN OFF POSITION, PROVIDE GROUND LUG, PROVIDE SOLID NEUTRAL BUS, UL LISTED.	SEE DISCONNECT AND STARTER SCHEDULE
20	ⓄⓈ ₂	MANUAL STARTER, FRACTIONAL HORSEPOWER TYPE, UL LISTED.	SEE DISCONNECT AND STARTER SCHEDULE
21	ⓄⓈ ₃	COMBINATION STARTER, UL LISTED.	SEE DISCONNECT AND STARTER SCHEDULE
22	ⓄⓈ ₄	DISTRIBUTION PANEL, CIRCUIT BREAKER TYPE, 208Y/120 VOLT, 3 PHASE, 4 WIRE S/N, GROUND BUS, A.L.C. AS INDICATED ON ONE-LINE DIAGRAM, SURFACE MOUNTED NEMA 1 ENCLOSURE, REFER TO ONE LINE DIAGRAM AND SCHEDULES.	.
23	ⓄⓈ ₅	300 KVA, 4180-208Y/120 VOLT, 3A, 4 WIRE DISTRIBUTION TRANSFORMER, LIQUID FILLED PAD MOUNT WEATHERPROOF ENCLOSURE, DEADFRONT TERMINATIONS. REFER TO SPECIFICATION 26 12 00 FOR ADDITIONAL INFORMATION.	.
24	ⓄⓈ ₆	VARIABLE FREQUENCY DRIVE, PULSE WIDTH MODULATED, VOLTAGE SOURCE, PROVIDE EXPOSED ISOLATION SWITCH, SEE ONE LINE DIAGRAM AND SPECIFICATIONS FOR SIZE AND CONFIGURATION.	SEE VARIABLE FREQUENCY DRIVE SCHEDULE
25	ⓄⓈ ₇	MAIN DISTRIBUTION PANEL, CIRCUIT BREAKER TYPE, 208 VOLT, 3 PHASE, 4 WIRE, GROUND BUS, 65,000 A.L.C., SURFACE MOUNTED NEMA 1 ENCLOSURE, SERVICE ENTRANCE RATED SEE ONE LINE DIAGRAM AND SPECIFICATIONS.	.
26	ⓄⓈ ₈	LIGHTING CONTROL, PANEL AND CONTROL, PROCESSOR ARCHITECTURAL LIGHTING, NEMA 1 ENCLOSURE, RELAY QUANTITIES AS SPECIFIED IN DRAWINGS AND CONTROL MATRICES, NETWORK INTERFACE TO OTHER (LOP) PANELS AND FRONT-END CONTROLLER, INPUT/OUTPUT CONTACTS FOR CONTROL DEVICES. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.	SEE SCHEDULES
27	ⓄⓈ ₉	PANELBOARD, SURFACE MOUNT, 208/120 VOLT, 3 PHASE, 4 WIRE, S/N, GROUND BUS, COPPER BUS, BOLT-ON BREAKERS, NEMA 1 ENCLOSURE, SEE SCHEDULES FOR SIZE AND CONFIGURATION. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.	.
28	ⓄⓈ ₁₀	SURGE PROTECTION DEVICE, SERVICE ENTRANCE TYPE, CATEGORY C3 RATING, EXTERNAL MOUNTED CABINET WITH FLUSH MOUNTING AND NON-MODULAR CONSTRUCTION, 208/120 VOLT, 3 PHASE, 4 WIRE, 200K AMP SHORT CIRCUIT CURRENT RATING, NEMA 1 ENCLOSURE. SEE SPECIFICATION SECTION 16412 FOR ADDITIONAL INFORMATION.	.
29	ⓄⓈ ₁₁	METER, ELECTRONIC TYPE MOUNTED IN SEPARATE ENCLOSURE DIGITAL READOUT OF VOLTS, AMPS, KW, KWH. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.	.
30	ⓄⓈ ₁₂	DOOR OPERATOR PUSH-PAD, PROVIDE BOXES AND CONDUIT IN SIZES SPECIFIED AND ROUTED TO LOCATIONS AS INDICATED ON THE MANUFACTURERS INSTALLATION INSTRUCTIONS.	(SEE SPECIFICATIONS) (DEVICE AND CONTROL WIRED BY OTHERS)
31	ⓄⓈ ₁₃	MOTORIZED ROLLER SHADE POWER SUPPLY AND CONTROL PANEL PROVIDED BY ROLLER SHADE SUPPLIER AND CONNECTED TO 120V SUPPLY BY ELECTRICAL CONTRACTOR. COORDINATE INSTALLATION WITH ROLLER SHADE SUPPLIER.	SEE SPECIFICATION SECTION 12 24 13

RECORD DRAWINGS

THIS IS A RECORD DRAWING BASED ON INFORMATION RECEIVED FROM THE CONTRACTOR AND IS TO BE USED FOR THE SOLE PURPOSE OF MAINTENANCE OF THE ORIGINAL FACILITY FOR WHICH THIS DRAWING WAS PREPARED AND NOT FOR ADDITIONAL CONSTRUCTION.

FULLY SPRINKLERED RECORD DRAWINGS

No.

Date

Revisions

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Drawing Title

ELECTRICAL MATERIAL LIST

Approved: Project Director

Project Title

MENTAL HEALTH ADDITION,
BUILDING 51

Location

JEFFERSON BARRACKS DIVISION

Date

12/21/11

Checked

DARCRO

Drawn

SHAWHI

Project Number

657-333

Building Number

58

Drawing Number

EP-600
DWG 78 OF 92

Office of
Construction
and Facilities
Management

VA FORM 08-6231 PRINTED TIME: ORIGINAL SIZE OF THIS SHEET IS 30" X 42"