

ELECTRICAL LEGEND

ABBREVIATIONS			
1PH	SINGLE-PHASE	DB	DECIBEL OR DIRECT BURIAL
1P	SINGLE POLE	DC	DIRECT CURRENT
2C	TWO-CONDUCTOR	DCP	DIMMER CONTROL PANEL
3C	THREE-CONDUCTOR	DEG C	DEGREES CELSIUS
3F	THREE-PHASE	DEG F	DEGREES FAHRENHEIT
4C	FOUR-CONDUCTOR	DEMO	DEMOLITION
4W	FOUR-WIRE	DIAGRAM	DIAGRAM
A/C UNIT	AIR CONDITIONING UNIT	DISC	DISCONNECT
A/E	ARCHITECT/ENGINEER	DISTR	DISTRIBUTION
AAP	ALARM ANNUNCIATOR PANEL	DISTR PL	DISTRIBUTION PANEL
AC	ALTERNATING CURRENT OR ARMORED CABLE	DMR SW	DIMMER SWITCH
ACC	ACCESSIBLE	DN	DOWN
ADJ	ADJUNCT, ADJOINING	DP	DOUBLE POLE, DOUBLE THROW
ADO	AUTOMATIC DOOR OPENER	DPST	DOUBLE POLE, SINGLE THROW
AF	AMPERE FRAME OR AMP FUSE	DSW	DOOR SWITCH
AFC	ABOVE FINISHED COUNTER, AUTOMATIC FREQUENCY CONTROL, OR AVAILABLE FAULT CURRENT	DWG	DISCONNECT SWITCH DRAWING
AFF	ABOVE FINISHED FLOOR	EC	EMPTY CONDUIT
AEG	ABOVE FINISHED GRADE	EG	EQUIPMENT GROUND
AH	AMPERE HOUR	ELEV	ELEVATION
AHJ	AUTHORITY HAVING JURISDICTION	ELEC	ELECTRIC OR ELECTRICAL
AIC	AMPERE INTERRUPTING CAPACITY	ELEV	ELEVATOR
ALT	ALTERNATE	EMCP	EMERGENCY MONITORING CONTROL
AMB OR A	AMBIENT	EMER	EMERGENCY
AMP	AMPERE	EMI	ELECTROMAGNETIC INTERFERENCE
ARCH	ARCHITECT	EMT	ELECTRICAL METALLIC TUBING
ASC	AMPS SHORT CIRCUIT	ENCL	ENCLOSURE
AT	AMPERE TRIP	EPOF	EQUIPMENT POWER OFF
ATS	AUTOMATIC TRANSFER SWITCH	EPF	EXPLOSION PROOF
AUTO	AUTOMATIC	ESMT	EASMENT
A/V	AUDIO VISUAL	EWC	ELECTRIC WATER COOLER
BAT	BATTERY	EWI	ELECTRIC WATER HEATER
BC	BARRE COPPER	EXIST	EXISTING
BD	BOARD	FA	FIRE ALARM
BDF	BELOW FINISH FLOOR	FAAP	FIRE ALARM ANNUNCIATOR PANEL
BL	BASIC INSULATION LEVEL	FABL	FIRE ALARM BELL
BLDG	BUILDING	FABX	FIRE ALARM BOX
BPP	BOILER PLANT INSTRUMENTATION	FAC	FIRE ALARM CONTROL PANEL
PANEL		FC	FIRE CONTROL
BKR	BREAKER	FCU	FAN COIL UNIT
BYP	BY PASS	FI	FILM ILLUMINATOR
C	CONDUIT	FIXT	FIXTURE
CAB	CABINET	FLT	FLOODLIGHT
CALC	CALCULATE	FLUOR	FLUORESCENT
CAP	CAPACITY	FLUOR FIX	FLUORESCENT FIXTURE
CATALOG		FT	FEET OR FOOT
CATV	COMMUNITY ANTENNA TELEVISION	FU SW	FUSED SWITCH
CCR	CONTROL CONTRACTOR	FNR	FULL VOLTAGE NON-REVERSING
CCTV	CLOSED CIRCUIT TELEVISION	FVR	FULL VOLTAGE REVERSING
cd	CANDELA	G OR GND	GROUND
CD	CONSTRUCTION DOCUMENTS	GEN	GENERATOR
CF	CONTRACTOR FURNISHED	GFCI	GROUND FAULT CIRCUIT INTERRUPTOR
CFE	CONTRACTOR FURNISHED EQUIPMENT	GTB	GROUND TERMINAL BOX
CHW	CHILLED WATER	HFCU	HORIZONTAL FAN COIL UNIT
CHW	CHILLED WATER PUMP	HID	HIGH INTENSITY DISCHARGE
CKT	CIRCUIT	HIA	HAND-OPERATED AUTOMATIC
CKT BRKR	CIRCUIT BREAKER	HP	HORSEPOWER
CLF	CURRENT LIMITING FUSE	HT	HEIGHT
CLG	CEILING	HERZ	HERTZ
CMU	CONCRETE MASONRY UNIT	IESNA	ILLUMINATION ENGINEERING SOCIETY OF NORTH AMERICA
COMM	COMMUNICATION	IMC	INTERMEDIATE METAL CONDUIT
COMP	COMPARTMENT	INCAND	INCANDESCENT
CONC	CONCRETE	INFR	INFRARED
CONT	CONTINUE	IWH	INSTANTANEOUS WATER HEATER
CONTR	CONTRACTOR	J-BOX	JUNCTION BOX
COORD	COORDINATE	KV	KILOVOLT
CPT	CONTROL POWER TRANSFORMER	kVA	KILOVOLT AMPERE
CR	COLOR RENDERING INDEX	kVAH	KILOVOLT AMPERE PER HOUR
CT	CURRENT TRANSFORMER	kVAR	KILOVOLT AMPERE REACTIVE
CTV	CABLE TELEVISION	kW	KILOWATT
COPPER		kWH	KILOWATT HOUR
CU FT	CUBIC FEET	kwhm	KILOWATT HOUR METER
CUR	CURRENT	LED	LIGHT EMITTING DIODE
		LF	LINEAR FEET (FOOT)
		LM	LUMEN
		LP	LIGHT POLE
		LS	LOW PRESSURE SODIUM
		LRA	LOCKED ROTAR AMPS
		LTCP	LOCAL TEMPERATURE CONTROL PANEL
		LIGHT	LIGHTING
		LTG	LIGHTING
		LTG PNL	LIGHTING PANEL
		LTGNG	LIGHTING
		LV	LOW VOLTAGE
		MA TV	MASTER ANTENNA TELEVISION SYSTEM
		MAX	MAXIMUM
		MC	METAL-CLAD
		MCA	MINIMUM CIRCUIT AMPS
		MCB	MINIMUM CIRCUIT BREAKER
		MCC	MAIN DISTRIBUTION PANEL
		MCD	MECHANICAL
		MCH	MOTOR GENERATOR
		MH	MANHOLE
		MIN	MINIMUM
		MOP	MAXIMUM OVERCURRENT PROTECTION
		MLO	MAIN LUGS ONLY
		MT	MOUNT
		MCA	MOUNTED
		MTG	MOUNTING
		MTS	MANUAL TRANSFER SWITCH
		MV	MEDIUM VOLTAGE
		MVA	MEGAVOLT-AMPERE
		MW	MEGAWATT MICROVA
		NA	NOT APPLICABLE
		NEC	NATIONAL ELECTRICAL CODE
		NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
		NEUT OR N	NEUTRAL
		NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
		NIC	NOT IN CONTRACT
		NC	NIGHT LIGHT
		NO	NORMALLY OPEN
		NS	NO SCALE
		NTS	NOT TO SCALE
		OC	ON CENTER
		OD	OUTSIDE DIAMETER
		OL	OVERLOAD
		P	POLE

GENERAL NOTES

- ## ABBREVIATIONS

BUILDING CODE DATA

LIGHT FIXTURE SCHEDULE							
SYMBOL	LABEL	# OF LAMPS	TYPE OF LAMP	BALLAST	WATTS/ FIXTURE	VOLTAGE	DESCRIPTION
	B2	2	14W T5 3500K	1 PROGRAM START 1.0 BF	32	277	2' X 2' RECESSED PRISMATIC LENSED TROFFER FLUORESCENT
	B3	3	14W T5 3500K	1 PROGRAM START 1.0 BF	50	277	2' X 2' RECESSED PRISMATIC LENSED TROFFER FLUORESCENT
	C2	2	28W T5 3500K	1 PROGRAM START 1.0 BF	64	277	2' X 4' RECESSED PRISMATIC LENSED TROFFER FLUORESCENT
	C3	3	28W T5 3500K	2 PROGRAM START 1.0 BF	95	277	2' X 4' RECESSED PRISMATIC LENSED TROFFER FLUORESCENT
	E	2	28W T5 3500K	1 PROGRAM START	62	277	4' FLUORESCENT STRIP LIGHT
	EMR	LED	LED	---	1	277	EXTERIOR EMERGENCY EGRESS LIGHT FIXTURE SUITABLE FOR WET AND COLD LOCATIONS
	EXA	LED	LED	---	1	277	SINGLE-FACE LED EMERGENCY EXIT SIGN WITH DIRECTIONAL INDICATOR
	EXB	LED	LED	---	1	277	DOUBLE FACE LED EMERGENCY EXIT SIGN WITH DIRECTIONAL INDICATOR
	F	1	26W TRT 3500K	1 PROGRAM START	29	277	6" OPEN RECESSED HORIZONTAL COMPACT FLUORESCENT DOWNLIGHT
	G	1	42W TRT 3500K	1 PROGRAM START	46	277	8" LENSED RECESSED HORIZONTAL COMPACT FLUORESCENT DOWNLIGHT SUITABLE FOR WET LOCATIONS
	J	1	150W PSMH 3500K	1	166	277	16" PENDENT MOUNTED POOL LIGHT FIXTURE WITH GLASS LENS SUITABLE FOR NATATORIUM
	K2	2	14W T5 3500K	1 PROGRAM START 1.0 BF	32	277	2' LINEAR FLUORESCENT WALL BRACKET
	K4	2	28W T5 3500K	1 PROGRAM START 1.0 BF	64	277	4' LINEAR FLUORESCENT WALL BRACKET
	L	1 OR 2	T5 3500K	1 INSTANT START	8 W/FT	120	LINEAR FLUORESCENT UNDERCABINET LIGHT, COORDINATE LENGTHS AND MOUNTING WITH CABINERY AND ARCHITECTURAL DRAWINGS.
	N	LED	LED 3500K	1 LED DRIVER	26	277	EXTERIOR LED WALL PACK

NOTES:

1. EM - EMERGENCY LIGHT (CIRCUITED FROM NORMAL AND EMERGENCY BACK-UP POWER).
2. EM NL - UN-SWITCHED NIGHT LIGHT (CIRCUITED FROM EMERGENCY POWER).
3. ALL FLUORESCENT LIGHT FIXTURES MUST HAVE INDIVIDUAL DISCONNECTING MEANS LOCATED AT EACH FIXTURE.
4. ALL LIGHTING SHALL BE DAYLIGHT COLOR SPECTRUM.
5. VERIFY ALL LIGHT FIXTURE MOUNTING TYPES AND COLORS WITH ARCHITECT.

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<div><div></div><div>PROJECT MANAGER: Project Number 3627 Scale As indicated</div></div>										<div><div>Drawing Title ELECTRICAL NOTES, ABBREVIATIONS, LEGENDS AND LIGHT FIXTURE SCHEDULE</div><div>Project Title RENOVATE BUILDING 69</div><div>Approved: Project Director</div><div><div>Location 1400 Black Horse Hill, Coatesville, PA</div><div><div>Date 1/22/2014</div><div>Checked CGS/WCM</div><div>Drawn KLC</div></div></div></div>										<div><div>VA Project Number 542-CSI-203</div><div>Building Number 69</div><div>Drawing Number E-001</div><div>Dwg. 69 of 86</div><div>Department of Veterans Affairs</div></div>										<div><div>Office of Facilities Management</div></div>																																																	
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