ABBREVIATIONS

ABBREV.	DESCRIPTION
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AFD	ADJUSTABLE FREQUENCY DRIVE
AFF	ABOVE FINISHED FLOOR
ACL	ACROSS THE LINE
AC	ALTERNATING CURRENT
A/AMP	AMPERE
AIC	AMPERES INTERRUPTING CAPACITY
AL	ALUMINUM
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BAL	BALLAST
BH	BASEBOARD HEATER
BPS	BOLTED PRESSURE SWITCH
BR	BRANCH
BRKR	BREAKER
CAB	CABINET
CATV	CABLE TELEVISION
C.B.	CIRCUIT BREAKER
CCT	CIRCUIT
CCTV	CLOSED CIRCUIT TELEVISION
CEC	CHICAGO ELECTRICAL CODE
COAX	COAXIAL
C.U.	COEFFICIENT OF UTILIZATION
CR	CARD READER
CRI	COLOR RENDERING INDEX
C	CONDUIT
CONN	CONNECTION
CU	COPPER
CUH	CABINET UNIT HEATER
CT	CURRENT TRANSFORMER
HZ	HERTZ (CYCLES/SECOND)
DC	DIRECT CURRENT
DISC	DISCONNECT SWITCH
DPDT	DOUBLE POLE DOUBLE THROW
DPST	DOUBLE POLE SINGLE THROW
DT	DUST TIGHT
EF	EXHAUST FAN
ELEC	ELECTRIC
EWC	ELECTRIC WATER COOLER
EWH	ELECTRIC WATER HEATER
EM	EMERGENCY
EMT	ELECTRIC METALLIC TUBING (THIN WALL CONDUIT)
EQ	EQUIPMENT
EUH	ELECTRIC UNIT HEATER
EP	EXPLOSION PROOF
FPB	FAN POWERED BOX
FA	FIRE ALARM
FB	FLOOR BOX
FLUOR	FLUORESCENT
F	FUSE
F.S.	FUSED SWITCH
GRD/G	GROUND
GFCI/GFI	GROUND FAULT CIRCUIT INTERRUPTER
GHW/HWC	GALVANIZED HEAVY WALL STEEL CONDUIT
HV	HIGH VOLTAGE
HP	HORSE POWER
INCAND	INCANDESCENT
IC	INTERRUPTING CAPACITY
IG	ISOLATED GROUND
IMC	INTERMEDIATE GRADE CONDUIT
JB	JUNCTION BOX
K	KELVIN TEMPERATURE
KCMIL	THOUSAND CIRCULAR MILS
KW	KILOWATT
KWH	KILOWATT-HOUR
KVA	KILOWATT-AMPERE
LTG	LIGHTING
LV	LOW VOLTAGE
MH	MANHOLE
MC	MOMENTARY CONTACT
MFR	MANUFACTURER
MV	MULTI VAPOR
MERC.	MERCURY VAPOR
MTR	MOTOR
MCC	MOTOR CONTROL CENTER
MTD	MOUNTED
NEC	NATIONAL ELECTRICAL CODE
NEUT	NEUTRAL
NC	NORMALLY CLOSED
NF	NON-FUSED
NO	NORMALLY OPEN
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
PF	POWER FACTOR
PNL	PANEL
PH	PHASE
PT	POTENTIAL TRANSFORMER
PWR	POWER
PRI	PRIMARY
PB	PULL BOX
RECP	RECEPTACLE
SCR	SHORT CIRCUIT RATING
SEC	SECONDARY
SC	SHORT CIRCUIT
SP	SINGLE POLE
SPST	SINGLE POLE SINGLE THROW
SPDT	SINGLE POLE DOUBLE THROW
SPEC	SPECIFICATION
SS	STAINLESS STEEL
STA	STATION
SW	SWITCH
SWBD	SWITCHBOARD
SWGR	SWITCHGEAR
SYM	SYMMETRICAL
SYS	SYSTEM
T	THERMAL OVERLOAD
TC	TERMINAL CABINET
TTC	TELEPHONE TERMINAL CABINET
TYP	TYPICAL
TL	TWIST LOCK
UL	UNDERWRITER'S LABORATORIES
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTED POWER SUPPLY
VFD	VARIABLE FREQUENCY DRIVE
VP	VAPORPROOF
VT	VAPORTIGHT
V	VOLT
VA	VOLT-AMPERE
WT	WATERTIGHT
W	WATT
WP	WEATHERPROOF
XFMR	TRANSFORMER

FIRE ALARM

A	AUDIBLE GENERAL ALARM DEVICE
AV	AUDIBLE GENERAL ALARM DEVICE WITH VISUAL ALARM DEVICE
PS	PRE-SIGNAL ALARM DEVICE
PSV	PRESIGNAL ALARM WITH VISUAL ALARM DEVICE
S	VOICE COMMUNICATION SPEAKER
SV	VOICE COMMUNICATION SPEAKER WITH VISUAL ALARM DEVICE
T	VOICE COMMUNICATION TELEPHONE
V	VISUAL ALARM DEVICE
FA	REMOTE ANNUNCIATOR LAMP FOR SELECTED DEVICES
RA	REMOTE ALARM AND TEST STATION
D	HEAT DETECTOR (135 DEG FIXED TEMP/RATE-OF-RISE), IF DIFFERENT TEMPERATURE THEN AS NOTED
SD	SYSTEM SMOKE DETECTOR
SD	SYSTEM SMOKE DETECTOR WITH INTEGRAL HORN
SS	SINGLE STATION SMOKE DETECTOR
DD	DUCT SMOKE DETECTOR
BD T	BEAM SYSTEM SMOKE DETECTOR TRANSMITTER
BD R	BEAM SYSTEM SMOKE DETECTOR RECEIVER
S	MANUAL PULL STATION
WF	SPRINKLER WATERFLOW INDICATOR
AV	SPRINKLER ALARM VALVE ATTACHMENT
PS	SPRINKLER PRESSURE SWITCH
HG	HALON EXTINGUISHING SYSTEM
DG	DRY CHEMICAL EXTINGUISHING SYSTEM
WG	WET CHEMICAL EXTINGUISHING SYSTEM
GG	GASEOUS EXTINGUISHING SYSTEM
H	MAGNETIC/ELECTRONIC DOOR HOLD OPEN DEVICE
	ELECTRIC DOOR LOCK
VSS	SPRINKLER VALVE SUPERVISORY (TAMPER) SWITCH
CBT	CITY FIRE ALARM BOX TIE AND DISCONNECT PANEL
FA	CITY FIRE ALARM BOX
CST	CENTRAL STATION TIE AND DISCONNECT
TB	TROUBLE BELL W/TEST AND SILENCE SWITCH W/LAMP
FAA	FIRE ALARM ANNUNCIATOR PANEL
SSA	STATUS SUPERVISION ANNUNCIATOR PANEL
FCP	FIRE ALARM CONTROL PANEL
VCP	VOICE COMMUNICATION CONTROL PANEL
RCP	RELEASING CONTROL PANEL/RELAY FOR CONTROL OF DIFFERENT EQUIPMENT CONNECTED TO THE SYSTEM
ECP	ELEVATOR STATUS/CONTROL PANEL
HVAC	HVAC DUCT FIRE DAMPER CONTROL
FPC	FIRE PUMP CONTROLLER
DGP	DATA GATHERING PANEL (TRANSPONDER) FOR MULTIPLEX SIGNAL GATHERING AND TRANSMISSION
DTU	DATA TRANSMISSION UNIT (ADDRESSABLE/MULTIPLEX) FOR CONNECTION TO DUMB DEVICES FOR REPORTING FUNCTIONS OF ALARM OR STATUS
PSR	POWER SUPERVISORY RELAY TO MONITOR POWER TO ALARM DEVICES
CO	CARBON MONOXIDE DETECTOR
FSR	FIRE SHUTDOWN RELAY

LIGHTING CONTROL

K	LIGHT SWITCH, SINGLE POLE UNLESS NOTED OTHERWISE: "3" CIRCUIT AND SWITCH LEG "K" KEY OPERATED "MC" MOMENTARY CONTACT "PL" PLOT LIGHT "WP" WEATHERPROOF "2P" TWO POLE "3P" THREE POLE "3W" THREE-WAY "4W" FOUR-WAY
D	DIMMER SWITCH
LC A	LIGHTING CONTROL STATIONS: LIGHTING CONTROL STATIONS WITH LOW-VOLTAGE WIRING BACK TO LIGHTING CONTROL SYSTEM. SUBSCRIPT "A" INDICATES CONTROL IDENTIFICATION. REFER TO LIGHTING CONTROL DETAILS FOR FUNCTION OF LIGHTING CONTROL STATION.
OS	LIGHTING OCCUPANCY SENSORS: DUAL TECHNOLOGY UNLESS OTHERWISE NOTED. "IR" INDICATES INFRARED TECHNOLOGY ONLY "UT" INDICATES ULTRASONIC TECHNOLOGY ONLY
TC	TIME CLOCK
TS	TIME SWITCH
PC	PHOTOCELL

GENERAL ELECTRICAL

	CONDUIT RUN CONCEALED IN CEILING OR WALL
	CONDUIT RUN CONCEALED IN OR BELOW FLOOR
	CONDUIT RUN EXPOSED ON CEILING OR WALL

ARROWHEAD DENOTES HOMERUN TO PANELBOARD. SLASH LINES INDICATE QUANTITY OF WIRE; NEUTRAL WIRE SHOWN AS A LONG LINE, PHASE WIRES AND SWITCH LEGS SHOWN AS SHORT LINES, AND GROUND WIRE SHOWN AS A LONG LINE WITH A DOT.

1P-120V HOMERUN	1P-277V HOMERUN
2P-208V HOMERUN	2P-480V HOMERUN
3P-208V HOMERUN	3P-480V HOMERUN

x — CONDUIT, WHERE X IS THE TYPE OR FUNCTION OF CONDUIT.

"C"	CLOCK	"LV"	LOW VOLTAGE
"CO"	CONDUIT ONLY	"NC"	NURSE CALL
"CCTV"	CCTV	"S"	SOUND
"D"	DATA	"T"	TELEPHONE
"FA"	FIRE ALARM	"TV"	TELEVISION
"FO"	FIBER OPTIC	"TVA"	TELEVISION ANTENNA
"I"	INTERCOM	"TVC"	CABLE TELEVISION
"LP"	LIGHTNING PROTECTION		

	CONDUIT ENCASED IN CONCRETE
	CONDUIT STUBBED IN
	CONDUIT STUBBED UP
	CONDUIT STUBBED DOWN
XX	FLEXIBLE CONDUIT
	CONDUIT TERMINATION: "CS" CAP AND STAKE "GB" GROUNDING BUSHING "IB" INSULATING BUSHING "TB" TERMINAL BUSHING
	CONDUIT SEAL
CTB	CABLE TAP BOX
	UNDERGROUND DUCTBANK
	UNDERGROUND DIRECT BURIAL CABLE
MH	MANHOLE
HH	HANDHOLE
PB	PULL BOX
	JUNCTION BOX - EXPOSED OR IN CEILING
	JUNCTION BOX - WALL MOUNTED
	JUNCTION BOX WITH FLEXIBLE CONDUIT AND FINAL CONNECTION TO EQUIPMENT

MISCELLANEOUS

1 1	SEE KEY NOTE #1
X X	STANDARD DETAIL NUMBER DESIGNATION
	PANEL DEMARCATION LINES

SYMBOL TAGS

"X" EXISTING TO REMAIN
"R" TO REMOVE
"XR" EXISTING TO BE RELOCATED
"RX" NEW LOCATION FOR EXISTING

———	NEW WORK
— — — —	EXISTING WORK TO REMAIN (EXCEPT AS OTHERWISE NOTED)
— x — x —	EXISTING WORK TO BE REMOVED (EXCEPT AS OTHERWISE NOTED)

SIGNAL/SECURITY

	WALL	FLOOR BOX	POKE-THRU	COUNTER TOP	CEILING
TELEPHONE OUTLET					
DUPLEX TELEPHONE OUTLET					
DATA SYSTEMS OUTLET					
DUPLEX DATA SYSTEMS OUTLET					
COMBINATION TELEPHONE/DATA SYSTEMS OUTLET					
COMBINATION TV-TELEPHONE/ DATA SYSTEMS OUTLET	TV		TV		TV

SUBSCRIPT INDICATES THE FOLLOWING FOR BELOW WALL MOUNTED OUTLETS, (U.N.O.):
"H" HANDICAP MOUNTED AT 48" A.F.F.
"P" PAY PHONE MOUNTED AT 54" A.F.F.
"W" WALL MOUNTED AT 54" A.F.F.

TV	TELEVISION OUTLET
	BUZZER
	BELL
	DOOR BELL PUSH BUTTON STATION

POWER

	WALL	FLOOR BOX	POKE-THRU	COUNTER TOP	CEILING
DUPLEX RECEPTACLE					
DOUBLE DUPLEX RECEPTACLE					
DUPLEX RECEPTACLE - SPLIT WIRED					
SINGLE RECEPTACLE					
COMBINATION DUPLEX RECEPTACLE TELEPHONE/ DATA SYSTEMS OUTLET					
COMBINATION DOUBLE DUPLEX RECEPTACLE TELEPHONE/ DATA SYSTEMS OUTLET					
SPECIAL RECEPTACLE-NEMA TYPE AS INDICATED					
JUNCTION BOX WITH FLEXIBLE CONDUIT AND FINAL CONNECTION TO FURNITURE			P	P	

WP 3a — ADJACENT LETTERS IN THE SYMBOLS ABOVE INDICATE THE FOLLOWING:

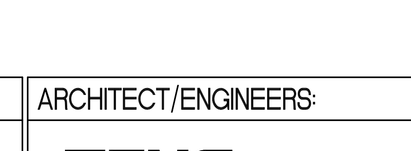
"AFCI" ARC FAULT CIRCUIT INTERRUPTER
"EM" FED BY EMERGENCY CIRCUIT
"EP" EXPLOSION PROOF
"EWC" SERVES ELECTRIC WATER COOLER (GFCI)
"GFCI" GROUND FAULT CIRCUIT INTERRUPTER
"IG" ISOLATED GROUND
"SS" SURGE SUPPRESSION DEVICE
"TR" TAMPER RESISTANT (SAFETY TYPE)
"TVSS" TRANSIENT VOLTAGE SURGE SUPPRESSION
"WP" WEATHER RESISTANT (WHILE IN USE)
"XX" CIRCUIT NUMBER

	STATION WITH ONE BUTTON
	STATION WITH TWO BUTTONS
	STATION WITH TWO BUTTONS AND A PILOT LIGHT
	STATION WITH THREE BUTTONS
KR	KEY RESET CONTROL STATION
S/L	STOP-LOCK STATION
EPO	EMERGENCY POWER OFF MUSHROOM CONTROL STATION

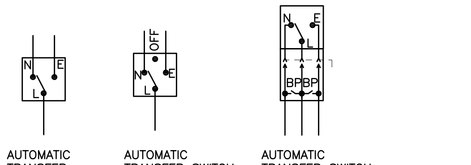
XX T — MANUAL MOTOR CONTROL

"K" KEY OPERATED
"M" LOCKOUT MOTOR SWITCH
"P" PILOT LIGHT
"RD" USER REMOTE DISCONNECT SWITCH
"T" THERMAL OVERLOAD PROTECTION
"XX" CIRCUIT NUMBER
"2P" 2 POLE SWITCH
"3P" 3 POLE SWITCH

	LIGHTNING PROTECTION AIR TERMINAL
	GROUNDING ROD "GW" GROUNDWELL "GTS" GROUND TEST STATION



A CB	CIRCUIT BREAKER IN ENCLOSURE, "A" INDICATES AMPERE RATING OF BREAKER
AS	NON-FUSED DISCONNECT SWITCH, "AS" INDICATES AMPERE RATING OF SWITCH
AS/AF	FUSED DISCONNECT SWITCH "AS" INDICATES AMPERE RATING OF SWITCH AND "AF" INDICATES AMPERE RATING OF FUSE
	MAGNETIC MOTOR STARTER - NEMA SIZE AS INDICATED
AT CB	COMBINATION MOTOR STARTER AND CIRCUIT BREAKER "AT" INDICATES AMPERE RATING OF BREAKER
AS	COMBINATION MOTOR STARTER AND NON-FUSED DISCONNECT, "AS" INDICATES AMPERE RATING OF SWITCH
AS/AF	COMBINATION MOTOR STARTER AND FUSED DISCONNECT "AS" INDICATES AMPERE RATING OF SWITCH AND "AF" INDICATES AMPERE RATING OF FUSE
C	CONTACTOR
45	600V CLASS DRY TYPE TRANSFORMER NUMBER INDICATES KVA RATING
	FINAL CONNECTION TO EQUIPMENT "AC" AIR CONDITIONER "CUH" CABINET UNIT HEATER "EWH" ELECTRICAL WATER HEATER "RP" RECIRCULATION PUMP "UH" UNIT HEATER "WH" WATER HEATER
PDQ 13	EQUIPMENT IDENTIFICATION TAG
M	UTILITY ELECTRIC METER



AUTOMATIC TRANSFER SWITCH — AUTOMATIC TRANSFER SWITCH WITH CENTER OFF POSITION — AUTOMATIC TRANSFER SWITCH WITH BY-PASS ISOLATION SWITCH

	SURFACE MOUNTED DISTRIBUTION PANELBOARD
	SURFACE MOUNTED BRANCH CIRCUIT PANELBOARD
	RECESSED MOUNTED BRANCH CIRCUIT PANELBOARD

LIGHTING

F1 3a	2' X 4' FLUORESCENT LIGHTING FIXTURE
F1 3a	2' X 2' FLUORESCENT LIGHTING FIXTURE
F1 3a	1' X 4' FLUORESCENT LIGHTING FIXTURE
F1 3a	FLUORESCENT STRIP/WRAPAROUND/TASK LIGHTING FIXTURE-LENGTH AS INDICATED
F1 3a	FLUORESCENT WALL BRACKET - LENGTH AS INDICATED
F1 3a	VERTICAL MOUNTED FLUORESCENT STRIP LIGHT FIXTURE
F1 3a	PENDANT OR DOWNLIGHT LIGHTING FIXTURE
F1 3a	WALL MOUNTED LIGHTING FIXTURE
F1 3a	WALL WASHER
S1 3a	LIGHTING STANDARD-TYPICAL POST-TOP LUMINARIES
S1 3a	FLOODLIGHT, AIM AS INDICATED
S1 3a	BOLLARD

NOTES:
"F1"- FIXTURE TYPE, REFER TO LIGHTING FIXTURE SCHEDULE FOR DESCRIPTION AND MOUNTING
"3" - CIRCUIT NUMBER
"a" - SWITCH CONTROL

(F1) - ALL FIXTURES WITHIN THE ROOM TO BE TYPE F1

EMERGENCY LIGHTING

F1 3 / F1 3 / F1 3 / F1 3 / F1 3	LIGHTING FIXTURE ON EMERGENCY CIRCUITRY
X3 X3	EXIT SIGNS: DIRECTIONAL SIGN NUMBERS INDICATE INSCRIPTION, ARROWS, AND SINGLE OR DOUBLE FACED AS SHOWN IN THE FOLLOWING SCHEDULE:

SINGLE FACE	DOUBLE FACE
"#1" FIRE ESCAPE	"#13" EXIT - RECESSED
"#2" STAIRS	"#14" TRIANGLE
"#3" EXIT	"#15" ELEVATOR
"#4" FIRE ESCAPE	"#16" FIRE ESCAPE
"#5" STAIRS	"#17" STAIRS
"#6" EXIT	"#18" EXIT
"#7" FIRE ESCAPE	"#19" FIRE ESCAPE
"#8" STAIRS	"#20" STAIRS
"#9" EXIT	"#21" EXIT
"#10" FIRE ESCAPE	"#22" FIRE ESCAPE
"#11" STAIRS	"#23" STAIRS
"#12" EXIT	"#24" EXIT

	BATTERY PACK FIXTURES WITH NUMBER OF HEADS SHOWN
	SINGLE REMOTE HEAD
	DOUBLE REMOTE HEAD

EQUIPMENT IDENTIFICATION

A-B-C-D

THE NOMENCLATURE ON THE EQUIPMENT IDENTIFICATION SHALL BE AS FOLLOWS:

"A" = VOLTAGE
(BLANK) = 120/208 VOLTS
H = 277/480 VOLTS

"B" = EQUIPMENT TYPE
DP = DISTRIBUTION PANEL
LP = LIGHTING PANEL
LRP = LIGHTING RELAY PANEL
MCC = MOTOR CONTROL CENTER
MSP = MOTOR STARTER PANEL
PP = POWER PANEL
SWBD = SWITCHBOARD
TR = TRANSFORMER
UPS = UNINTERRUPTABLE POWER SOURCE

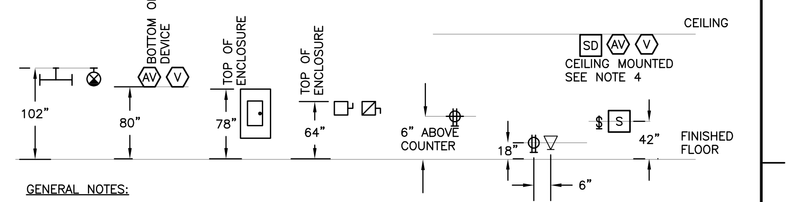
"C" = BUILDING FLOOR DESIGNATION (NUMBER)
ON WHICH THE LABELED EQUIPMENT IS LOCATED

"D" = QUANTITY SEQUENCE OF LIKE EQUIPMENT
1 = FIRST
2 = SECOND
3 = THIRD
4 = FOURTH
A = A-SIDE
B = B-SIDE
N = NORTH
S = SOUTH

SINGLE LINE DIAGRAM

	INCOMING LINE (CABLE LUGS)	Y	3 PHASE WYE OR STAR UNGROUNDED
	POLY PHASE TRANSFORMER	Y	3 PHASE WYE, GROUNDED NEUTRAL
		MPR	MICROPROCESSOR MOTOR PROTECTION DEVICE
	POTENTIAL TRANSFORMER		MOTOR OVERLOAD
	CURRENT TRANSFORMER	MMD	MICROPROCESSOR METERING DEVICE
	GROUND	A	AMMETER
	MOLDED CASE CIRCUIT BREAKER	V	VOLTMETER
	CONTACTOR	KWH	KILOWATT HOUR METER
	SINGLE THROW SWITCH	AS	AMMETER SWITCH
	DOUBLE THROW SWITCH	VS	VOLTMETER SWITCH
	CIRCUIT BREAKER		DRAWOUT POWER CIRCUIT BREAKER
	FUSE		FUSIBLE DRAWOUT MOTOR STARTER
	FUSIBLE ELEMENT		CIRCUIT BREAKER DRAWOUT MOTOR STARTER
	SURGE ARRESTOR	K 1	KEY INTERLOCK DEVICE, NUMBER INDICATES POSITION
	BASIC RELAY	GFI	GROUND FAULT PROTECTION
	3 PHASE DELTA CONNECTION	000KMG	FEEDER TAG
	3 PHASE, 3 WIRE, DELTA GROUNDED	GEN	GENERATOR

DEVICE MOUNTING HEIGHT DETAIL



GENERAL NOTES:

1. HEIGHTS SHOWN ARE TYPICAL TO CENTERLINE OF BOX UNLESS NOTED OTHERWISE. ALL DUPLEX RECEPTACLES SHALL BE MOUNTED HORIZONTALLY, GROUND TO THE RIGHT.
2. WHEREVER DEVICES ARE INDICATED TO BE MOUNTED ABOVE DOORS, DEVICE SHALL BE CENTERED BETWEEN TOP OF DOOR TRIM AND CEILING LINE.
3. MOUNTING HEIGHTS SHOWN ON ARCHITECTURAL ELEVATIONS, ELECTRICAL PLANS OR ELSEWHERE, SHALL GOVERN OVER THOSE SHOWN ABOVE.
4. LOCATE CEILING MOUNTED APPLIANCES ON BOTTOM OF BEAMS OR JOISTS, WITH CLEAR LINE OF SIGHT IN ALL DIRECTIONS, NO GREATER THAN 30 FT. A.F.F.

LIGHTING FIXTURE SCHEDULE

F5	WALL MOUNTED WRAPAROUND WITH LED LAMPS. 24", AS MANUFACTURED BY LITHONIA, COOPER, DAYBRITE OR ENGINEER APPROVED EQUAL.

1

COMcheck Software Version 3.9.0

Interior Lighting Compliance Certificate

2009 IECC

Section 1: Project Information

Project Type: **New Construction**
Project Title :

Construction Site: Owner/Agent: Designer/Contractor:

Section 2: Interior Lighting and Power Calculation

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B x C)
ELECT RISER (Warehouse)	450	0.8	360
		Total Allowed Watts =	360

Section 3: Interior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
ELECT RISER (Warehouse 450 sq.ft.)				
Compact Fluorescent 1: Twin Tube 8/9W / Electronic	1	20	12	240
			Total Proposed Watts =	240

Section 4: Requirements Checklist

Lighting Wattage:

❑ 1. Total proposed watts must be less than or equal to total allowed watts.

Allowed Watts	Proposed Watts	Complies
360	240	YES

Controls, Switching, and Wiring:

❑ 2. Daylight zones under skylights more than 15 feet from the perimeter have lighting controls separate from daylight zones adjacent to vertical fenestration.
❑ 3. Daylight zones have individual lighting controls independent from that of the general area lighting.

Exceptions:

❑ Contiguous daylight zones spanning no more than two orientations are allowed to be controlled by a single controlling device.
❑ Daylight spaces enclosed by walls or ceiling height partitions and containing two or fewer light fixtures are not required to have a separate switch for general area lighting.

❑ 4. Independent controls for each space (switch/occupancy sensor).

Exceptions:

❑ Areas designated as security or emergency areas that must be continuously illuminated.
❑ Lighting in stairways or corridors that are elements of the means of egress.

❑ 5. Master switch at entry to hotel/motel guest room.
❑ 6. Individual dwelling units separately metered.

Project Title:
Data filename: C:\Users\SCHIROMC\Desktop\JB VAMC TO5.cck

Report date: 01/31/12
Page 1 of

COMPLETION ITEM NO. ____
FULLY SPRINKLERED

ADDENDUM 1	5/24/2012
ISSUED FOR SOLICITATION	4/28/2012
100% COORDINATION	2/15/2012
100% DESIGN SUBMITTAL REVIEW	2/1/2012
70% DESIGN SUBMITTAL REVIEW	1/13/2012
SCHEMATIC DESIGN SUBMITTAL	10/3/2011
Revisions:	Date

CONSULTANTS:

ARCHITECT/ENGINEERS:

TENG
TENG & ASSOCIATES, INC.
ENGINEERS/ARCHITECTS/PLANNERS
205 N. MICHIGAN AVE. CHICAGO, IL 60601
TELEPHONE: 312/616-0000

Drawing Title: ELECTRICAL SYMBOLS AND ABBREVIATIONS
Approved: Project Director
Project Title: EMERGENCY POWER DISTRIBUTION - BLDG 1
Location: JESSE BROWN V.A.M.C.
Date: FEBRUARY 1, 2012
Checked:
Drawn: JJC
Project Number: 537-11-139
Building Number: 1C
Drawing Number: 537-1C-E0-001
Dwg. 15 of 17

Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

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one inch = one foot 0 1 2
three quarters inch = one foot 0 4 6
one half inch = one foot 0 2 4
three eighths inch = one foot 0 4 8
one quarter inch = one foot 0 2 4 8
one eighth inch = one foot 0 4 8 16
three inches = one foot 0 6
one and one half inches = one foot 0 1 2