ELECTRICAL ABBREVIATIONS LIST

1P	1 POLE (2P, 3P, 4P, ETC.)
A	AMPERE
AC	AIR CONDITIONER
AFC	ABOVE FINISHED COUNTER
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFI	ARC FAULT CIRCUIT INTERRUPTER
AHU	AIR HANDLING UNIT
AIC	AVAILABLE INTERRUPTING FAULT CURRENT
AL	ALUMINUM
ALT	ALTERNATE
AMP	AMPERE
AMPL	AMPLIFIER
ANNUN	ANNUNCIATOR
APPROX	APPROXIMATELY
AQ-STAT	AQUASTAT
ARCH	ARCHITECT, ARCHITECTURAL
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AUX.	AUXILIARY
AV	AUDIO VISUAL
AWG	AMERICAN WIRE GAUGE
BATT	BATTERY
BD	BOARD
BLDG	BUILDING
BMS	BUILDING MANAGEMENT SYSTEM
C	CONDUIT
CAB	CABINET
CAT	CATALOG
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CLG	CEILING
COMB	COMBINATION
CMPR	COMPRESSOR
CONN	CONNECTION
CONST	CONSTRUCTION
CONT	CONTINUATION OR CONTINUOUS
CONTR	CONTRACTOR
CP	CIRCULATING PUMP
CRT	CATHODE-RAY TUBE
CT	CURRENT TRANSFORMER
CTR	CENTER
CU	COPPER
DCP	DOMESTIC WATER CIRCULATING PUMP
DEPT	DEPARTMENT
DIA	DIAMETER
DISC	DISCONNECT
DIST	DISTRIBUTION
DN	DOWN
DT	DOUBLE THROW
DWG	DRAWING
EC	ELECTRICAL CONTRACTOR
ELEC	ELECTRIC, ELECTRICAL
ELEV	ELEVATOR
EM	EMERGENCY
EMS	ENERGY MANAGEMENT SYSTEM
EMT	ELECTRICAL METALLIC TUBING
EQUIP	EQUIPMENT
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXH	EXHAUST
EXP	EXPLOSION PROOF
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FCU	FAN COIL UNIT
FIXT	FIXTURE
FLR	FLOOR
FLUOR	FLUORESCENT
FU	FUSE
FVNR	FULL VOLTAGE NON-REVERSING
GA	GAUGE
GAL	GALLON
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GFI/GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFP	GROUND FAULT PROTECTOR
GND	GROUND
GRS	GALVANIZED RIGID STEEL (CONDUIT)
GYP BD	GYPSUM BOARD
HOA	HANDS-OFF-AUTOMATIC SWITCH
HORIZ	HORIZONTAL
HP	HORSEPOWER
HT	HEIGHT
HTG	HEATING
HTR	HEATER
HV	HIGH VOLTAGE
HVAC	HEATING, VENTILATING AND AIR CONDITIONING
HWP	HYDRONIC WATER PUMP
IC	INTERRUPTING CAPACITY
IG	ISOLATED GROUND
IMC	INTERMEDIATE METAL CONDUIT
INCAND	INCANDESCENT
IR	INFRARED
IW	INTERLOCK WITH
J-BOX	JUNCTION BOX
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KVAR	KILOVOLT-AMPERE REACTIVE
KW	KILOWATT
KWH	KILOWATT HOUR
LOC	LOCATE OR LOCATION
LT	LIGHT
LTG	LIGHTING
LTNG	LIGHTNING
LV	LOW VOLTAGE
MAX	MAXIMUM
MAG.S	MAGNETIC STARTER
M/C	MOMENTARY CONTACT
MC	MECHANICAL CONTRACTOR
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MDC	MAIN DISTRIBUTION CENTER
MDP	MAIN DISTRIBUTION PANEL
MFR	MANUFACTURER
MFS	MAIN FUSED DISCONNECT SWITCH
MH	MANHOLE
MIC	MICROPHONE
MIN	MINIMUM
MISC	MISCELLANEOUS
MLO	MAIN LUGS ONLY
MMS	MANUAL MOTOR STARTER
MOA	MULTI-OUTLET ASSEMBLY
MSP	MOTOR STARTER PANELBOARD
MSB	MAIN SWITCHBOARD
MT	MOUNT
MT.C	EMPTY CONDUIT
MTS	MANUAL TRANSFER SWITCH
MTR	MOTOR, MOTORIZED
N.C.	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
NFDS	NON-FUSED SAFETY DISCONNECT SWITCH
NIC	NOT IN CONTRACT
NL	NIGHT LIGHT
N.O.	NORMALLY OPEN
NTS	NOT TO SCALE
OH	OVERHEAD
OL	OVERLOADS
PA	PUBLIC ADDRESS
PB	PULL BOX
PED	PEDESTAL
PF	POWER FACTOR
PH	PHASE
PIV	POST INDICATING VALVE
PNL	PANEL
PP	POWER POLE
PR	PAIR
PRI	PRIMARY
PROJ	PROJECTION
PRV	POWER ROOF VENTILATOR
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE (CONDUIT)
PWR	POWER
QUAN	QUANTITY
RCPT/RECEPT	RECEPTACLE
REQD	REQUIRED
RM	ROOM
RSC	RIGID STEEL CONDUIT
RTU	ROOF TOP UNIT
SC	SURFACE CONDUIT
SEC	SECONDARY
SHT	SHEET
SIM	SIMILAR
S/N	SOLID NEUTRAL
SPEC	SPECIFICATION
SPKR	SPEAKER
SP	SPARE
SR	SURFACE RACEWAY
SS	STAINLESS STEEL
SSW	SELECTOR SWITCH
S/S	STOP/START PUSHBUTTONS
STA	STATION
STD	STANDARD
SURF	SURFACE MOUNTED
SW	SWITCH
SWBD	SWITCHBOARD
SYM	SYMMETRICAL
SYS	SYSTEM
TEL	TELEPHONE
TELDATA	TELEPHONE/DATA
TERM	TERMINAL
TL	TWIST LOCK
TR	TAMPER RESISTANT
T-STAT	THERMOSTAT
TV	TELEVISION
TYP	TYPICAL
UC	UNDER COUNTER
UE	UNDERGROUND ELECTRICAL
UG	UNDERGROUND
UH	UNIT HEATER
UT	UNDERGROUND TELEPHONE
UTIL	UTILITY
UV	UNIT VENTILATOR OR ULTRAVIOLET
V	VOLT
VA	VOLT-AMPERES
VDT	VIDEO DISPLAY TERMINAL
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VOL	VOLUME
W	WATT
W/	WITH
WG	WIRE GUARD
WH	WATER HEATER
W/O	WITHOUT
WP	WEATHERPROOF
XFMR	TRANSFORMER
XFR	TRANSFER
Y	WYE-CONNECTED
@	ANGLE
#	AT
Δ	DELTA
'	FEET
"	INCHES
#	NUMBER
Ø	PHASE
C	CENTER LINE
P	PLATE
L	
L	

CONVENTIONS LEGEND

NAME 101	ROOM TAG
1	REVISION TAG
1	KEYNOTE TAG
A1 A-301	SECTION TAG
A1 A-501	DETAIL TAG
A1 A-201	ELEVATION TAG
	EXISTING WORK
	NEW WORK
	EXISTING ITEMS TO BE REMOVED
PLAN NORTH	NORTH ARROW
GRID	COLUMN/FND GRID INDICATOR
MATCH LINE SEE - - - -	MATCH LINE INDICATOR
A1 PLAN OR DETAIL SCALE: 1'-0" = 1'-0"	DETAIL/SECTION/PLAN INDICATOR

SHEET IDENTIFICATION

E - 5 0 1

A A N N N

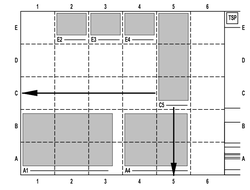
DISCIPLINE CHARACTER — MODIFIER CHARACTER — SHEET SEQUENCE NUMBER 01-99 — SHEET TYPE DESIGNATOR

DISCIPLINE CHARACTERS

S	SITE
D	DEMOLITION
L	LIGHTING
P	POWER
Y	AUXILIARY
I	INSTRUMENTATION
T	TELECOMMUNICATION

SHEET TYPE DESIGNATORS

0	GENERAL (SYMBOLS LEGEND)
1	PLANS (HORIZONTAL VIEWS)
2	ELEVATIONS (VERTICAL VIEWS)
3	SECTIONS (SECTIONAL VIEWS)
4	LARGE SCALE VIEWS
5	DETAILS
6	SCHEDULES AND DIAGRAMS
7	USER DEFINED
8	USER DEFINED
9	3D REPRESENTATIONS



ELECTRICAL SYMBOL NOTES

THE LIGHTING FIXTURE TYPE IS INDICATED BY AN UPPER CASE LETTER.
THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER.
THE SWITCH DESIGNATION IS INDICATED BY A LOWER CASE LETTER.

A2 / 12b — EXAMPLE 1: LIGHTING FIXTURE TYPE "A" IS CONNECTED TO CIRCUIT 12 AND CONTROLLED BY SWITCH "b".

"PDD1" / 24bla — EXAMPLE 2: THE FIXTURE TYPE SHOWN AS A NUMERATOR INDICATES ALL LIGHTING FIXTURES IN THE ROOM OR SPACE ARE THE SAME TYPE. THE CIRCUIT NUMBER AND SWITCH DESIGNATION SHOWN AS A DENOMINATOR INDICATES ALL LIGHTING FIXTURES IN THE ROOM OR SPACE ARE CONNECTED TO THE SAME CIRCUIT, CONTROLLED BY THE SAME SWITCHES, CENTER/OUTBOARD MULTILEVEL SWITCHING.

E / 14 — EXIT LIGHTS. STEM INDICATES WALL MOUNTING. NO STEM INDICATES CEILING MOUNTING. SHADED AREA INDICATES ILLUMINATED FACE(S). ARROW INDICATES DIRECTIONAL ARROW ON ILLUMINATED FACE(S). THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER. EXAMPLE: THE WALL MOUNTED EXIT LIGHT TYPE "E" WITH SINGLE FACE AND DIRECTIONAL ARROW IS CONNECTED TO CIRCUIT 14.

16c — DEVICES. THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER. THE SWITCH DESIGNATION IS INDICATED BY A LOWER CASE LETTER. EXAMPLE: SPLIT DUPLEX RECEPTACLE IS CONNECTED TO CIRCUIT 16 AND ONE RECEPTACLE OUTLET IS CONTROLLED BY SWITCH "c".

H-P/d — THE CONTROL DEVICE DESIGNATION IS INDICATED BY A LOWER CASE LETTER. EXAMPLE: SINGLE POLE SWITCH "d" TO CONTROL LIGHTING FIXTURES INDICATED BY "d".

D600 / H-P/e — WALL BOX DIMMER WITH SIZE AS INDICATED AT DEVICE. EXAMPLE: 600 WATT WALL BOX DIMMER TO CONTROL LIGHTING FIXTURES INDICATED BY "e". SEE SPECIFICATIONS FOR WATTAGE IF NOT INDICATED.

1 / 1,3,5 — SPECIAL /RECEPT CONNECTIONS. THE EQUIPMENT IS INDICATED BY A NUMBER IN A CIRCLE. SEE THE MOTOR AND EQUIPMENT SCHEDULE OR AS NOTED FOR THE LOAD DESCRIPTION AND TYPE OF RECEPT/CONNECTION. THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER(S) ADJACENT TO THE SYMBOL. EXAMPLE: EQUIPMENT NO. 1; 3 PHASE CONNECTION TO CIRCUITS 1, 3, 5.

SF-1 / 2,4,6 — MOTOR CONNECTIONS. THE MOTOR IS INDICATED BY A NUMBER WITHIN OR CHARACTERS ADJACENT TO THE MOTOR SYMBOL. SEE THE MOTOR AND EQUIPMENT SCHEDULE FOR THE MOTOR DESCRIPTION AND ELECTRICAL REQUIREMENTS. THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER(S) ADJACENT TO THE SYMBOL. EXAMPLE: MOTOR SF-1; 3 PHASE CONNECTION TO CIRCUITS 2, 4, 6.

7,9 / H1 — ELECTRIC HEATER CONNECTIONS. THE HEATER TYPE IS INDICATED BY A NUMBER FOLLOWING THE UPPER CASE LETTER "H". SEE THE HEATER SCHEDULE FOR ELECTRICAL REQUIREMENTS. THE CIRCUIT DESIGNATION IS INDICATED BY A NUMBER(S) ADJACENT TO THE HEATER. EXAMPLE: ELECTRIC BASEBOARD HEATER TYPE "H1" CONNECTED TO CIRCUITS 7, 9.

T1 — TRANSFORMERS. THE TRANSFORMER TYPE IS INDICATED BY A NUMBER FOLLOWING THE UPPER CASE LETTER "T". SEE THE TRANSFORMER SCHEDULE OR THE SINGLE LINE DIAGRAM FOR THE TRANSFORMER DESCRIPTION AND REQUIREMENTS. EXAMPLE: TRANSFORMER TYPE "T1".

LPN-102 — PANELBOARDS. PANELBOARD DOORS MAY BE SHOWN TO INDICATE OPENING SIDE OF RECESSED PANELBOARDS. SEE PANELBOARD IDENTIFICATION FOR DESIGNATION CODES.

1 — SPECIAL NOTE. SEE THE SPECIAL NOTES ON THAT SHEET FOR THE NOTE NUMBER INDICATED IN THE HEXAGON.

CONDUIT RUN CONCEALED IN CEILING OR WALL CONSTRUCTION.

LPN-102 / 1,3,5 — HOME RUN TO BRANCH CIRCUIT PANELBOARD. THE PANELBOARD DESIGNATION IS SHOWN ADJACENT TO THE HOME RUN ARROW AS A NUMERATOR AND THE CIRCUIT DESIGNATION IS SHOWN AS THE DENOMINATOR. CIRCUIT BREAKER SIZES (AMPS/NUMBER OF POLES) ARE SHOWN IN THE PANELBOARD SCHEDULE WITH THE CORRESPONDING PANELBOARD AND CIRCUIT DESIGNATION. EXAMPLE: HOME RUN TO PANELBOARD LPN-102; CIRCUITS 1, 3, 5.

SYMBOL NOTATIONS: UPPER CASE LETTERS ADJACENT TO SYMBOLS INDICATE A UNIT TYPE. SEE APPROPRIATE SCHEDULE OR SPECIFICATIONS.

ELECTRICAL SYMBOL LEGEND

HT AFF	SYMBOL	DESCRIPTION
AS NOTED		SURFACE MOUNTED LIGHT (TYPE DENOTED)
AS NOTED	F	WALL MOUNTED FLOODLIGHT (TYPE DENOTED)
	R	RECESSED LIGHT (TYPE DENOTED)
PER SCHED	AA	POLE MOUNTED LIGHT (TYPE DENOTED)
PER SCHED	BB	POLE MOUNTED FLOODLIGHT (TYPE DENOTED)
	G	SURFACE FLUORESCENT LIGHT (TYPE DENOTED)
	P1 P2	SUSPENDED OR PENDANT LIGHT (TYPE DENOTED)
	H	RECESSED FLUORESCENT LIGHT (TYPE DENOTED)
	ST1	FLUORESCENT STRIP LIGHT (TYPE DENOTED)
AS NOTED	S1 S2 T1	TRACK AND TRACK LIGHT (TYPES DENOTED)
96"	SM	EMERGENCY BATTERY LIGHT (TYPE DENOTED)
12**	H1 H2	EXIT SIGN (TYPE DENOTED)
AS NOTED		LIGHT FIXTURE ON (EM) LIFE SAFETY BRANCH
AS NOTED		LIGHT FIXTURE ON (EM) CRITICAL BRANCH
AS NOTED		LIGHT FIXTURE ON EMERGENCY CIRCUIT
AS NOTED		LIGHT FIXTURE WITH EMERGENCY BALLAST
		LIGHT ON CORD REEL (TYPE DENOTED)
46"	H-P	SINGLE POLE SW.
46"	H-P2	2 POLE SINGLE THROW SW.
46"	H-P3	3-WAY SW.
46"	H-P4	4-WAY SW.
46"	H-P5	KEYED SW.
46"	H-P9	SW. W/PILOT
46"	H-PD	DIMMER SWITCH
46"	H-POS	OCCUPANCY SENSOR SWITCH
46"	H-PMC	MOMENTARY CONTACT SWITCH
46"	H-PT	TIMER SWITCH
46"	H-PTD	TIME DELAY SWITCH
46"	H-PF	FAN SPEED CONTROL
46"	H-PM	MOTOR HORSEPOWER RATED SWITCH
46"	HB	PUSH BUTTON
18"	H	SINGLE RECEPT.
18"	H	DUPLEX RECEPT.
18"	H	SPLIT DUPLEX RECEPT.
18"	H	ISOLATED GROUND RECEPT (DUPLEX SHOWN)
18"	H	RECEPT ON EMERGENCY CKT (DUPLEX SHOWN)
18"	H	FOURPLEX RECEPT.
18"	H	FOURPLEX RECEPTACLE ON EMERGENCY CIRCUIT
	H	FLOOR RECEPT. (DUPLEX SHOWN)
AS NOTED		RECEPT ON DROP CORD (DUPLEX SHOWN)
		RECEPT ON CORD REEL (DUPLEX SHOWN)
	E	EQUIPMENT CONNECTION

HT AFF	SYMBOL	DESCRIPTION
AS NOTED		MULTIOUTLET ASSEMBLY
AS NOTED	X	CLOCK (TYPE DENOTED)
		POWER POLE (OPEN OFFICE STYLE)
		SURGERY SERVICE COLUMN
		UTILITY SERVICE POWER POLE (SITE)
AS NOTED	1	SPECIAL RECEPT. OR CONN. (SEE SCHEDULE)
	2	SPECIAL CONNECTION (SEE SCHEDULE)
AS NOTED	J	JUNCTION BOX
		PULL BOX
72***		CIRCUIT BREAKER PANEL
72***		POWER OR DISTRIBUTION PANEL
72***		SPECIAL CABINET (TYPE DENOTED)
	T1	TRANSFORMER (TYPE DENOTED)
	25 KVA	GENERATOR (KVA DENOTED)
	SF-1	MOTOR (SEE SCHEDULE)
46"		MANUAL MTR. STR. (W/OVERLOADS)
72***		MAG. MOTOR STARTER OR CONTACTOR
72***		COMB. MOTOR STARTER (NON-FUSED)
72***		COMB. MOTOR STARTER (FUSED)
72***		SAFETY DISC. SW. (NON-FUSED)
72***		SAFETY DISC. SW. (FUSED)
AS NOTED		BUS DUCT WITH PLUG UN DISCONNECT (FUSED)
	VFD	VARIABLE FREQUENCY DRIVE
72***	R	RELAY
72***		ENCLOSED CIRCUIT BREAKER
	OS	OCCUPANCY SENSOR
	LS	LIGHT LEVEL SENSOR
AS NOTED	P	PHOTOCELL
48"	T	TIME CONTROL SWITCH (TIME SWITCH)
48"	H	HUMIDISTAT
48"	T	THERMOSTAT
PER SCHED	BB	BASEBOARD HEATER (TYPE DENOTED)
PER SCHED	H	WALL HEATER (TYPE DENOTED)
PER SCHED	DH	HAND OR HAIR DRYER (TYPE DENOTED)
	S	SOLENOID VALVE
		LIGHT SYMBOL INDICATES EXISTING
		DASHED/HEAVY SYMBOL INDICATES REMOVED

HT AFF	SYMBOL	DESCRIPTION
		CONDUIT CONCEALED IN WALL OR OVERHEAD
		CONDUIT CONCEALED BELOW FLOOR
		CONDUIT EXPOSED
	SR	SURFACE RACEWAY
		CONDUIT TRANSITION UP
		CONDUIT TRANSITION DOWN
		CONDUIT STUBBED OUT
	LV	LOW VOLTAGE POWER WIRING
	EX	EXISTING CONDUIT
	UE	UNDERGROUND ELECTRIC
	UHVE	UNDERGROUND HIGH VOLTAGE ELECTRICAL
	UT	UNDERGROUND TELEPHONE
	UCOM	UNDERGROUND COMMUNICATIONS
	UTV	UNDERGROUND CABLE TELEVISION (CATV OR CCTV)
	UFIBR	UNDERGROUND FIBER OPTIC
	OHE	OVERHEAD ELECTRIC
	OHT	OVERHEAD TELEPHONE
		BRANCH CIRCUIT HOME RUN
		FLEXIBLE CONDUIT OR FIXTURE WHIP
		CABLE TRAY (TYPE DENOTED)
		CONDUIT SLEEVE (SIZE DENOTED)
18"		TELEPHONE OUTLET (TYPE DENOTED)
46****	W	WALL TELEPHONE OUTLET (TYPE DENOTED)
18"		DATA OUTLET
18"		COMBINATION VOICE / DATA OUTLET
AS NOTED		WIRELESS ACCESS POINT
46"		INTERCOM OUTLET LOCATION
18"		TELEVISION OUTLET
		OUTLET IN FLOOR (MICROPHONE SHOWN)
		MULTIPLE SERVICE FLR OUTLET (TYPE DENOTED)
84"	1	SINGLE FACE CLOCK WALL MOUNTED
84"	2	DOUBLE FACE CLOCK WALL MOUNTED
18"		EQUIPOTENTIAL GROUND OUTLET
AS NOTED	XFC-AQ	X-RAY FILM VIEWER (SEE SPECIFICATIONS)
84"		BELL / CHIME
84"		BUZZER
84"	S	SPEAKER (WALL OR CEILING MT.)
84"	S	HORN TYPE SPEAKER
		SURFACE MT SPEAKER SUSPENDED FROM CEILING
46"	V	VOLUME CONTROL
18"		MICROPHONE OUTLET
18"		PROJECTOR CONTROL OUTLET
		ANTENNA
		WEATHERHEAD
	1	KEYED NOTE (SEE SCHEDULE)

HT AFF	SYMBOL	DESCRIPTION
90***		FIRE ALARM HORN
90***	15cd	FIRE ALARM HORN W/STROBE (CANDELAS)
90***	15cd	FIRE ALARM STROBE (CANDELAS)
90***		FIRE ALARM CHIME
90***		FIRE ALARM CHIME W/STROBE (CANDELAS)
90***		FIRE ALARM SPEAKER
90***	15cd	FIRE ALARM SPEAKER W/STROBE (CANDELAS)
72***	FA ANNUN.	FIRE ALARM REMOTE ANNUNCIATOR
6*****		SMOKE DETECTOR
	RFT-DL RFP-DL	HEAT DETECTOR (TYPE & TEMP DENOTED)
		LINEAR HEAT DETECTOR
		DUCT SMOKE DETECTOR (TYPE DENOTED)
AS NOTED	RS	REMOTE TEST/STATUS STATION
	CO CO	GAS DETECTOR (TYPE DENOTED)
46****		F.A. PULLSTATION
	DH	F.A. DOOR HOLDER
		FIRE ALARM SHUT DOWN RELAY
		SPRINKLER FLOW SWITCH
		SPRINKLER VALVE TAMPER SWITCH
		ELECTRIC STRIKE
		MAGNETIC LOCK
		REQUEST TO EXIT
		DOOR CONTACTS / DOOR SWITCH
46****		CARD READER
46****		KEYPAD
AS NOTED		MOTION DETECTOR
46"	E	NURSE CALL EMERGENCY PUSH BUTTON STATION
46"	ST	NURSE CALL STAFF TERMINAL
46****	D	NURSE CALL DUTY STATION
46****	S	NURSE CALL STAFF REGISTRY
46"	S	NURSE CALL SINGLE PATIENT STATION
46"	T	NURSE CALL TOILET STATION
12**		NURSE CALL DOME LIGHT
48****	MCM	NURSE CALL MASTER STATION
48****	MCI	NURSE CALL EQUIPMENT CABINET
72***	NC ANNUN.	NURSE CALL ANNUNCIATOR PANEL
AS NOTED		CCTV CAMERA
AS NOTED		CCTV CAMERA WITH PTZ DRIVE

ALL DISTANCES ARE TO CENTER OF DEVICE OR EQUIPMENT UNLESS OTHERWISE NOTED.

* DISTANCE ABOVE TOP OF DOOR FRAME — ** DISTANCE TO TOP OF EQUIPMENT OR DEVICE — *** DISTANCE TO HIGHEST OPERABLE PART OF EQUIPMENT — **** DISTANCE BELOW CEILING — ***** DISTANCE TO BOTTOM OF DEVICE

PANELBOARD IDENTIFICATION

EQUIPMENT DESIGNATION	CODE
HIGH VOLTAGE 304W. 277/480	H
LOW VOLTAGE 304W. 120/208	L
TRANSFER SWITCH	TS

SYSTEMS DESIGNATION	CODE
NORMAL	N
LIFE SAFETY	S
CRITICAL	C
EQUIPMENT	Q
UNINTERRUPTIBLE POWER SOURCE	UPS

SYSTEM DESIGNATION — EQUIPMENT DESIGNATION — FLOOR OF STRUCTURE — PANEL NO. — LN-12

SHEET INDEX - ELECTRICAL

DD Issue	CD Issue	Sheet Number	Sheet Name
•	•	5-E-001	ELECTRICAL SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES
	•	5-ED101	1ST FLOOR ELECTRICAL DEMOLITION PLAN
•	•	5-ED102	2ND FLOOR ELECTRICAL DEMOLITION PLAN
•	•	5-ED103	3RD FLOOR ELECTRICAL DEMOLITION PLAN
•	•	5-EL101	1ST FLOOR LIGHTING PLAN
•	•	5-EL102	2ND FLOOR LIGHTING PLAN
•	•	5-EL103	3RD FLOOR LIGHTING PLAN
•	•	5-EP101	1ST FLOOR POWER PLAN/ELECTRICAL PLANS
•	•	5-EP102	2ND FLOOR POWER PLAN
•	•	5-EP103	3RD FLOOR POWER PLAN
•	•	5-EY101	1ST FLOOR AUXILIARY PLAN
•	•	5-EY102	2ND FLOOR AUXILIARY PLAN
•	•	5-EY103	3RD FLOOR AUXILIARY PLAN
	•	5-FA101	1ST FLOOR FIRE DETECTION & ALARM PLAN
	•	5-FA102	2ND FLOOR FIRE DETECTION & ALARM PLAN
	•	5-FA103	3RD FLOOR FIRE DETECTION & ALARM PLAN
	•	5-E-501	AUXILIARY DETAILS
	•	5-E-502	ELECTRICAL DETAILS
•	•	5-E-601	SECONDARY PARTIAL POWER DISTRIBUTION DIAGRAM
	•	5-E-602	ELECTRICAL SCHEDULES
	•	5-E-603	ELECTRICAL SCHEDULES
	•	5-E-701	LIGHTNING PROTECTION PLAN

FULLY SPRINKLERED
100% CONSTRUCTION DOCUMENTS

MARK	REVISION DESCRIPTION	DATE

CONSULTANTS:

REGISTERED PROFESSIONAL ENGINEER — REG. NO. 5376 — MICHAEL J. JANSSEN — SOUTH DAKOTA — DATE 8/06/2012

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TSP — To Solve. To Excel. Together.

Drawing Title: ELECTRICAL SYMBOLS, ABBREVIATIONS, AND GENERAL NOTES

Approved: Project Director

Project Title: Sioux Falls VA Health Care System Acute Inpatient Medical Unit Addition and Renovation

Location: VA Medical Center, 2501 W. 22nd Street, PO Box 5046, Sioux Falls, SD 57117-5046

Date: 08/06/2012 — Checked: MJJ — Drawn: KAK

Project Number: 04100857

Building Number: 5

Drawing Number: 5-E-001

Dwg. 102 of 123

Office of Construction and Facilities Management

Department of Veterans Affairs

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