

GENERAL

- EXISTING ELECTRICAL TO BE REMOVED
EXISTING ELECTRICAL TO REMAIN
NEW ELECTRICAL WORK
MATCHLINE OR PROPERTY LINE
ENLARGED PLAN BOUNDARY

DETAIL/PLAN IDENTIFIER

SECTION IDENTIFIER

ELEVATION IDENTIFIER

REVISION DEFINITION AREA, AREA ENCIRCLED CONTAINS CHANGES MADE SUBSEQUENT TO PREVIOUS ISSUE

REVISION CALLOUT

FLAG NOTE TAG

EQUIPMENT TAG

MECHANICAL EQUIPMENT TAG

NORTH ARROW

LIGHTING

DEVICE SUBSCRIPTS
(LIGHT FIXTURE TYPE)
(CIRCUIT NUMBER/SWITCHED)

FLUORESCENT LIGHTING FIXTURE
(SIZES VARY, REFER TO FIXTURE TYPE)

EMERGENCY FLUORESCENT LIGHTING FIXTURE
(SIZES VARY, REFER TO FIXTURE TYPE)

FLUORESCENT STRIP LIGHTING FIXTURE
(SIZES VARY, REFER TO FIXTURE TYPE)

EMERGENCY FLUORESCENT STRIP LIGHTING
FIXTURE
(SIZES VARY, REFER TO FIXTURE TYPE)

UNDERCABINET FLUORESCENT LIGHTING FIXTURE

HID, FLUORESCENT OR INCANDESCENT LIGHTING
FIXTURE

EMERGENCY HID, FLUORESCENT OR
INCANDESCENT LIGHTING FIXTURE

WALL MOUNTED HID, FLUORESCENT OR
INCANDESCENT LIGHTING FIXTURE

POLE MOUNTED LIGHTING FIXTURE, QUANTITY
OF HEADS AS INDICATED.

DOUBLE HEAD, POLE MOUNTED, LIGHTING
FIXTURE

LIGHTING TRACK WITH FIXTURES

SELF-CONTAINED BATTERY POWERED
EMERGENCY LIGHTING FIXTURE

EXIT SIGN, UNIVERSAL MOUNTING
(SHADED AREA INDICATES DIRECTION ARROWS)

EXIT SIGN, WALL MOUNTED
(SHADED AREA INDICATES DIRECTION ARROWS)

OCCUPANCY SENSOR, CEILING MOUNTED
WHERE INDICATED, SUBSCRIPT INDICATES TYPE

OCCUPANCY SENSOR, WALL MOUNTED

ENERGY CODE DAYLIGHTED ZONE:
DZ = DAYLIGHTED ZONE
DZ1 = PRIMARY DAYLIGHTED ZONE
DZ2 = SECONDARY DAYLIGHTED ZONE

PHOTO-CELL

SWITCHES

SWITCH, SPST UON OR AS DEFINED BY
SUBSCRIPT
S = SWITCH LEG
3 = THREE WAY
4 = FOUR WAY
K = KEYED
D = DIMMER
LVM = LOW VOLTAGE PROGRAMMABLE
T = TIMER
MC = MOMENTARY CONTACT
P = PILOT LIGHT
LV = LOW VOLTAGE
OS = OCCUPANCY SENSOR

(a,b,c) OR (a-c) CAN BE USED TO DESIGNATE
MULTIPLE SWITCHES.

ANY COMBINATION OF SWITCH TYPES CAN BE
USED. (i.e. 3K = 3 WAY KEYED SWITCH)

POWER

SWITCHBOARD/SWITCHGEAR

PANELBOARD, FLUSH MOUNTED

PANELBOARD, SURFACE MOUNTED

MOTOR CONNECTION.

DISCONNECT SWITCH, NON FUSED

DISCONNECT SWITCH, FUSED

MANUAL MOTOR STARTER WITH THERMAL
OVERLOADS

COMBINATION STARTER/DISCONNECT

MAGNETIC STARTER

EQUIPMENT CONNECTION, CONFIRM CONNECTION
WITH EQUIPMENT MANUFACTURER

FIRE/SMOKE DAMPER

PUSHBUTTON CONTROLLER
(SINGLE OR MULTIPLE BUTTONS)

RECEPTACLES

DEVICE SUBSCRIPTS
(GFCI, WP, IG OR OTHER SUBSCRIPT)
(CIRCUIT NUMBER)
(NON-STANDARD MOUNTING HEIGHT)

SPECIAL RECEPTACLE

DUPLEX RECEPTACLE

FOURPLEX RECEPTACLE

DUPLEX RECEPTACLE, ABOVE COUNTER
(MOUNTED 4" TO CENTERLINE ABOVE BACKSPLASH)

FOURPLEX RECEPTACLE, ABOVE COUNTER
(MOUNTED 4" TO CENTERLINE ABOVE BACKSPLASH)

DROP CORD RECEPTACLE

RACEWAYS AND BOXES

JUNCTION BOX

FURNITURE WALL FEED OUTLET BOX

PULL BOX
(WHERE INDICATED, SUBSCRIPT INDICATES PULL BOX NUMBER)
FLOORBOX (SUBSCRIPT INDICATES TYPE, WHERE NO
SUBSCRIPT, SEE SPECIFICATIONS)

POWER POLE, FLOOR TO CEILING

SURFACE METAL RACEWAY

RACEWAY CONCEALED IN WALL OR IN CEILING
(EXPOSED IN UNFINISHED AREAS)

RACEWAY RUN BELOW FLOOR OR BELOW GRADE

FLEXIBLE RACEWAY

RACEWAY INSTALLED VERTICALLY OR TURNING
UP

RACEWAY CONTINUATION

RACEWAY STUB WITH BUSHING

RACEWAY SLEEVE WITH BUSHINGS

EZ-PATH FIRE STOPPING SLEEVE

CABLE TRAY, 12"W x 4"H OVERHEAD, UNLESS
OTHERWISE NOTED

CABLE TRAY, OVERHEAD LADDER TYPE

HOMERUN TO PANEL
HA-3 (INDICATES PANEL DESIGNATION AND CIRCUIT NUMBER)

(GAUGE OF WIRE OTHER THAN AWG#12)
NUMBER OF CONDUCTORS
(GROUND CONDUCTOR)
(PHASE CONDUCTORS)
(NEUTRAL CONDUCTOR)

ONE LINE DIAGRAM

EQUIPMENT ENCLOSURE

BUS

WIRE

TERMINAL / LUG

CONNECTION

DELTA

WYE

POWER TRANSFORMER

CURRENT TRANSFORMER

CIRCUIT BREAKER, FIXED

DISCONNECT SWITCH

FUSED SWITCH

FUSE

CIRCUIT BREAKER WITH SHUNT TRIP OPERATOR

MOTOR CONNECTION

METER

SHUNT TRIP

ELECTRONIC POWER METER

SURGE SUPPRESSION DEVICE

GROUND

AVAILABLE FAULT CURRENT (SYMMETRICAL) TAG

FEEDER TAG

PAD MOUNT TRANSFORMER

PANELBOARD - MAIN LUGS ONLY

PANELBOARD - MAIN CIRCUIT BREAKER

PANELBOARD - MAIN LUGS ONLY

PANELBOARD - MAIN CIRCUIT BREAKER

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TELECOMMUNICATIONS SYSTEM SYSTEM

FLUSH MOUNT/FURNITURE DEVICE
(X = REPRESENTS THE # OF TELECOMMUNICATION JACKS.)
(W = TELECOMMUNICATIONS WALL PHONE MTD AT +44" AFF.)
(P = PAYPHONE.)
(B = BLANK COVER PLATE.)

CEILING MOUNTED WIRELESS DATA DEVICE
(X = REPRESENTS THE # OF TELECOMMUNICATION JACKS.)

FLOOR BOX DEVICE
(X = REPRESENTS THE # OF TELECOMMUNICATION JACKS.)

FIRE RESISTANT 3/4" PLYWOOD BACKBOARD

FLOOR MOUNTED SERVER ENCLOSURE

110 BLOCK WITH LEGS

66 BLOCK

IP CLOCK, CEILING MOUNTED

PROVIDE (1) CATEGORY 6 CABLE, TERMINATE
ON MODULAR PLUG

GROUNDING

GROUNDING CONDUCTOR

GROUND ROD

GROUNDING BUSBAR

EQUIPMENT GROUNDING CONNECTION

GROUNDING STRAP

SECURITY SYSTEM

SECURITY SYSTEM PANEL

CONTROLLER, WALL MOUNTED
(K- KEYPAD INDICATOR)
(CR- PROXIMITY CARD READER INDICATOR)

PIR MOTION DETECTOR, WALL MOUNTED

MAGNETIC DOOR CONTACT

IP CAMERA, WALL MOUNTED

IP CAMERA, CEILING MOUNTED

AUDIO VISUAL SYSTEM

HDMI AND AUDIO, WALL MOUNTED

VGA AND AUDIO, WALL MOUNTED

SYSTEM CONTROLLER, MOUNT AT +44"

SOUND SYSTEM, POWERED SPEAKER

SOUND SYSTEM, PASSIVE SPEAKER

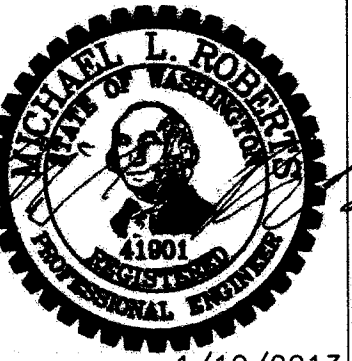
SOUND ENHANCEMENT SPEAKER

CEILING MOUNTED VIDEO PROJECTOR LOCATION
WITH UNIVERSAL PROJECTOR MOUNT/MAST AND
CEILING MOUNT

DRAWING INDEX

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NOT ALL SYMBOLS MAY APPEAR ON THE DRAWINGS



1/10/2013

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DATE
12/19/2012

JOB NUMBER
1278

SHEET NAME

ELECTRICAL
LEGEND &
DRAWING
INDEX

SHEET

E0.01