GENERAL NOTES

1. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATION OF CEILING MOUNTED ELECTRICAL EQUIPMENT (LIGHT FIXTURES, OCCUPANCY SENSORS, ETC.)

2. REFER TO ARCHITECTURAL DRAWINGS FOR ELEVATION DRAWINGS INDICATING THE EXACT LOCATION OF WALL MOUNTED INTERIOR AND EXTERIOR LIGHT FIXTURES.

3. IN GENERAL, CONDUIT ROUTING SHOWN ON THE DRAWINGS IS DIAGRAMMATIC. ACTUAL CONDUIT ROUTING SHALL BE DETERMINED IN THE FIELD.

4. WALL MOUNTED STARTERS, DISCONNECT SWITCHES, COMBINATION STARTERS, ETC. SHALL BE INSTALLED AT 48" TO THE CENTERLINE OF THE DEVICE UNLESS OTHERWISE NOTED ON

5. AT THE ROUGH-IN FOR ALL WALL HEIGHT PHONES, PROVIDE A BLANK COVER PLATE ON THE OUTLET BOX.

6. NOT ALL SYMBOLS ARE USED IN EACH PHASE OF THIS

<u>ABBREVIATIONS</u>	
Α	AMPERE(S)
AIC	AMPERE INTERRUPTING CAPACITY
AC	ALTERNATING CURRENT
AF	AMP FUSE
AWG	AMERICAN WIRE GUAGE
AS	AMP SWITCH
CATV	CABLE TELEVISION
CCTV	CLOSED CIRCUIT TELEVISION
CKT	CIRCUIT
CONTR	CONTRACTOR
C/B	CIRCUIT BREAKER
COND	CONDUCTOR
CONN	CONNECTION
C	CONDUIT
CONT	CONTROL
ELEC	ELECTRICAL
EMER	EMERGENCY
EWC	ELECTRIC WATER COOLER
F	FUSED
FACP	FIRE ALARM CONTROL PANEL
FLA .	FULL LOAD AMPS
FURN	FURNISHED
G	GROUND
GFI	GROUND FAULT INTERRUPTING
HD	HEAVY DUTY
HID	HIGH INTENSITY DISCHARGE
HPS	HIGH PRESSURE SODIUM
IMC	INTERMEDIATE METAL CONDUIT
INC	INCANDESCENT
INST	INSTALLED
KW	KILOWATTS
KVA	KILOVOLT AMPERES
MCA	MINIMUM CIRCUIT AMPACITY
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCM MLO	THOUSAND CIRCULAR MILS MAIN LUGS ONLY
MTD	MOUNTED
NEC	NATIONAL ELECTRICAL CODE
NF	NON FUSED
NL .	NIGHT LIGHT
P	POLE
PF.	POWER FACTOR
PH	PHASE
PNL	PANEL
PRI	PRIMARY
PVC	POLYVINYLCHLORIDE
REC	RECEPTACLE
RECEP	RECEPTACLE
SEC .	SECONDARY
SURF	SURFACE
SWBD	SWITCHBOARD
SWBT	SOUTHWESTERN BELL TELEPHONE
SYM	SYMMETRICAL
TELE	TELEPHONE
TEMP	TEMPORARY
THD	TOTAL HARMONIC DISTORTION
TRANS	TRANSFORMER
TTB	TELEPHONE TERMINAL BOARD
TV	TELEVISION
UH	UNIT HEATER
V VA	VOLTS VOLTAMPS
VA VTB	VIDEO TERMINAL BOARD
M AIR	WATTS
WP	WEATHERPROOF
XFMR	TRANSFORMER

LIGHT FIXTURE DESIGNATION MATRIX

LIGHTING

EMERGENCY PANEL

- FLUORESCENT STRIP LIGHT

TRANSFORMER

CONDUIT UP

CONDUIT DOWN

CONDUIT CAPPED

CONDUIT STUB

TRANSFORMER

FUSE

SWITCH

GROUND BUS

NEUTRAL BUS

ADJUSTABLE SPEED DRIVE

PRE WIRED CONTROL PANEL

GROUND FAULT PROTECTION

CURRENT TRANSFORMERS

COMBINATION MAGNETIC STARTER/DISCONNECT SWITCH

MOTOR - NUMBER WITHIN SYMBOL DENOTES HORSEPOWER RATING

DISCONNECT SWITCH

MAGNETIC STARTER

GROUND

느

—<u>—</u>—

6

 \boxtimes

ឪ

 $\geq \leq$

(GFP)

⑤

DISTRIBUTION PANELBOARD

_____ CONDUIT INSTALLED BELOW GRADE, SLAB OR FLOOR

WIRING HOMERUN TO PANELBOARD -

SHORT STROKE INDICATES PHASE CONDUCTOR, LONG STROKE INDICATES NEUTRAL CONDUCTOR,

LONG STROKE WITH DOT INDICATES EQUIPMENT GROUND

0

Ю

0

(O

0

T

CEILING MOUNTED DOWNLIGHT

WALL MOUNTED LIGHT FIXTURE

CEILING MOUNTED FLUORESCENT FIXTURE

POLE MOUNTED SITE LIGHTING LUMINAIRE

DISTRIBUTION EQUIPMENT

BRANCH CIRCUIT PANELBOARD (SINGLE SECTION)

BRANCH CIRCUIT PANELBOARD (TWO SECTION)

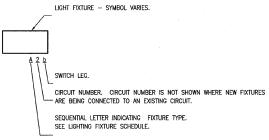
ONE LINE/WIRING/CONDUIT

CONDUIT INSTALLED CONCEALED WITHIN WALLS AND ABOVE CEILING.

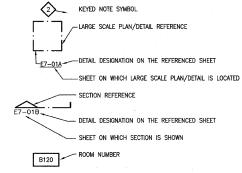
CEILING MOUNTED FLUORESCENT FIXTURE CONNECTED TO

CEILING MOUNTED EXIT SIGN WITH EMERGENCY BATTERY PACK

EXTERIOR FLOODLIGHT - ARROW INDICATES AIMING DIRECTION



MISCELLANEOUS



TOTAL SHEET SHEETS NO. COUNTY SECTION MADISON 03-00026-00-P 06-00026-01-MS 97331

FEDERAL AID PROJECT

WIRING DEVICES

ď DISCONNECT SWITCH - "WP" DENOTES WEATHERPROOF

Ó ELECTRIC MOTOR

θ-SINGLE RECEPTACLE

DUPLEX RECEPTACLE DUPLEX RECEPTACLE INSTALLED ABOVE COUNTERTOP

(42" WHERE NO COUNTERTOP) DUPLEX RECEPTACLE - "GFI" INDICATES GROUND FAULT

DOUBLE DUPLEX RECEPTACLE

DOUBLE DUPLEX RECEPTACLE INSTALLED ABOVE COUNTERTOP (42"

PROTECTED" BY UPSTREAM GFI DEVICE ON SAME CIRCUIT.

INTERRUPTING WITH TEST AND RESET BUTTONS, "P" INDICATES "GFI

WHERE NO COUNTERTOP)

0 JUNCTION BOX SINGLE POLE SWITCH

43-3 3-WAY LIGHT SWITCH

DIMMER SWITCH

CEILING MOUNTED OCCUPANCY SENSOR

С LIGHTING CONTACTOR

R LIGHTING CONTROL RELAY PANEL

М MOTORIZED DAMPER \Box INTERCOM

PS POWER SUPPLY

VOICE/DATA

TELEPHONE JACK OUTLET ROUGH-IN - "W" ADJACENT TO DEVICE DENOTES WALL HEIGHT PHONE

VOICE/DATA JACK OUTLET ROUGH-IN - DESK HEIGHT

VOICE/DATA JACK OUTLET ROUGH-IN - ABOVE COUNTER

FIRE ALARM

FIRE ALARM STROBE LIGHT - NUMBER INDICATES CANDELA SETTING

FIRE ALARM COMBINATION HORN/STROBE LIGHT - NUMBER

INDICATES CANDELA SETTING -FIRE ALARM PULL STATION

F

FACP FIRE ALARM CONTROL PANEL

DUCT MOUNTED SMOKE DETECTOR WITH SAMPLING TUBE

CEILING MOUNTED SMOKE DETECTOR

Θ HEAT DETECTOR

(3)

TS TAMPER SWITCH

FS FLOW SWITCH

СМ CONTROL MODULE

ММ MONITOR MODULE

<u>NOTE</u>

NOT ALL SYMBOLS AND ABBREVIATIONS ARE USED IN EACH PHASE OF THIS PROJECT.

ઝ

0 ILLINOI ORIAL

MEM

ARK

5

⋖

S

ш

HARTFORD, ō ш

S TRICAL SYMBOL ABBREVIATIONS ELECT AND A

KENNEDY PROJECT NO KAI* 10-02048

ISSUE DATE 12-JULY-05

SHEET NO E1-01