REPLACE 911 UPS AND TEMPORARY GENERATOR PROVISION

SHERIFF OFFICE COUNTY OF MENDOCINO 589 LOW GAP ROAD **UKIAH, CA**

OWNER:

WIREMOLD

DOOR CONTACT

CLOCK/ BELL/ INTERCOM DEVICE

DOUG ANDERSON COUNTY OF MENDOCINO 841 LOW GAP ROAD UKIAH, CA 95482 andersond@co.mendocino.ca.us PROJECT MANAGER:

MICHAEL BURKE BROKAW DESIGN P.O. BOX 3103 ROHNERT PARK, CA 94928 (707) 536-6635 mike.burke@brokawdesign.com

PANEL 1LA CIRCUIT BREAKER UTILITY FUSE **GROUND ROD** MMETER CT $\sum_{XXXA} XXXA$ SIZE STARTER TRANSFORMER EOLIDMENT REVISION DELTA $\langle 1 \rangle$

EQUIPMENT MANUFACTURER'S IDENTIFICATION NUMBER

DIAGRAMS

ALTERNATING CURRENT AMP FRAME AFD ADJUSTABLE FREQUENCY DRIVE A.F.F. ABOVE FINISHED FLOOR AFG ABOVE FINISHED GRADE **AUTHORITY HAVING JURISDICTIO** AIR HANDLING UNIT AMPS INTERRUPTING CAPACITY **ANNUNCIATOR APPROXIMATE** ARF ABOVE RAISED FLOOR AUTOMATIC TRANSFE SWITCH ATS AWG BAT BFG **BELOW FINISH GRADE** CATV CABLE TELEVISION CENTERLINE CONDUIT CIRCUIT BREAKER CB CCTV **CLOSED CIRCUIT TELEVISION** CKT CO CONDUIT ONLY COMM COMMUNICATIONS CONST CONSTRUCTION CONT CONTINUED CONTROL PANEL CONTROL POWER TRANSFORMER CONTROLLED SWITCHED RECEPTACLE **DEMOLITION** DRAWING **EXISTING** EXHAUST FAN **ENGINE GENERATOR UNIT EMERGENCY LIGHT W/BATTERY BACKUP** ELECTRICAL METALLIC CONDUIT **ELECTRICAL NON-METALLIC CONDUIT EXPLOSION PROOF EQUIV EQUIVALENT EWC** ELECTRIC WATER COOLER **FUTURE** FIRE ALARM FACP FIRE ALARM CONTROL PANEL FAN COIL FDR **FEEDER FLUOR** FLUORESCENT **FUSE** GROUND FAULT CIRCUIT INTERRUPTER GROUND FAULT INTERRUPTER GROUND FAULT RELAY HIGH INTENSITY DISCHARGE CONTROL SWITCH, "HAND - OFF- AUTO" HIGH PRESSURE SODIUM HIGH VOLTAGE HEATING, VENTILATION & AIR-COND. INTERRUPTING CAPACITY ISOLATED GROUND INTERMEDIATE METAL CONDUIT JUNCTION BOX KILO VOLT KILO VOLT-AMP KILO WATT KILO WATT-HOUR KWH LPS LOW PRESSURE SODIUM LTG LIGHTING LOW VOLTAGE MAXIMUM METAL-CLAD MCC MOTOR CONTROL CENTER MCP MOTOR CIRCUIT PROTECTOR MFR, MFGR MANUFACTURER METAL HALIDE MINIMUM MLO MAIN LUGS ONLY MAIN DISTRIBUTION BOARD MAIN SWITCHBOARD MOUNTED MANUAL TRANSFER SWITCH MEDIUM VOLTAGE NEUTRAL NOT APPLICABLE NORMALLY CLOSED NOT IN CONTRACT NIGHT LIGHT NORMALLY OPEN NOT TO SCALE ON CENTER POTENTIAL TRANSFORMER POLYVINYL CHLORIDE PULL BOX, ELECTRICAL RELOCATE RECP RECEPTACLE, OUTLET REQ REQUIRED RGS, RSG RIGID GALVANIZED STEEL CONDUIT REMOTE TERMINAL UNIT SPACE, SPARE STAINLESS STEEL STD STANDARDS, APPLICABLE SWBD **SWITCHBOARD** SWGR SWITCHGEAR TAMPER PROOF TELEVISION **TVSS** TRANSIENT VOLT. SURGE SUPPRESSOR TYP **UNDER FLOOR** UNDER GROUND U.O.N. UNLESS OTHERWISE NOTED UPS UNINTERRUPTABLE POWER SUPPLY

VOLT-AMP

WITHOUT WATER HEATER

WATT-HOUR METER

WEATHER PROOF

VARIABLE FREQUENCY DRIVE

VFD

WHM

ABBREVIATIONS

ELECTRICAL SHEET INDEX

E001 ELECTRICAL LEGEND AND ABBREVIATIONS

E101 ELECTRICAL PLAN

E-501 ELECTRICAL DIAGRAMS

CONSULTANT:

DESCRIPTION

INITIAL DATE

BrokawDesign

ROHNERT PARK, CA 94928

WWW.BROKAWDESIGN.COM

PROJECT:

SHERIFF - OFFICE 911 **UPS REPLACEMENT** AND TEMPORARY GENERATOR **PROVISIONS**

589 LOW GAP ROAD UKIAH, CA.

ASSESSORS PARCEL NO x

ELECTRICAL LEGEND **ABBREVIATIONS**

ISSUE DATE: NOVEMBER 18, 2019 PREPARATION AND REVIEW DRAWN BY: DESIGNER: PROJ MGR: CLB

SHEET NUMBER:

E-001

Progress:

DEVICES		CONTROLS		EQUIPMENT	
	JUNCTION BOX - WALL MOUNTED +18" A.F.F. U.O.N. JUNCTION BOX - FLOOR MOUNTED JUNCTION BOX - CEILING MOUNTED POWER OUTLET, DUPLEX - WALL MOUNTED +18" A.F.F. U.O.N. POWER OUTLET, DEDICATED DUPLEX - WALL MOUNTED +18" A.F.F. U.O.N. POWER OUTLET, SWITCHED DUPLEX - +18" A.F.F. U.O.N. POWER OUTLET, FOURPLEX - WALL MOUNTED +18" A.F.F. U.O.N. POWER OUTLET, DEDICATED FOURPLEX - WALL MOUNTED +18" A.F.F. U.O.N. POWER OUTLET, SIMPLEX - WALL MOUNTED +18" A.F.F. U.O.N. POWER OUTLET, DEDICATED SIMPLEX - WALL MOUNTED +18" A.F.F. U.O.N. POWER OUTLET, DUPLEX - FLOOR MOUNTED, FLUSH LID U.O.N. POWER OUTLET, DEDICATED DUPLEX - FLOOR MOUNTED, FLUSH LID U.O.N. POWER OUTLET, DEDICATED FOURPLEX - FLOOR MOUNTED, FLUSH LID U.O.N. POWER OUTLET, DEDICATED FOURPLEX - FLOOR MOUNTED, FLUSH LID U.O.N. POWER OUTLET, DEDICATED DUPLEX - CEILING MOUNTED POWER OUTLET, DEDICATED DUPLEX - CEILING MOUNTED POWER OUTLET, DEDICATED DUPLEX - CEILING MOUNTED POWER OUTLET, DEDICATED FOURPLEX - CEILING MOUNTED	\$ \$ \$ \$ \$ \$ \$ \tag{\text{D}} \text{SX} S	SWITCH, SINGLE CONTROL - WALL MOUNTED +42" A.F.F. U.O.N. SWITCH, 3-WAY CONTROL - WALL MOUNTED +42" A.F.F. U.O.N. SWITCH, 4 WAY CONTROL - WALL MOUNTED +42" A.F.F. U.O.N. SWITCH, MOTOR RATED - NOTED MOUNTING SWITCH, DIMMER CONTROL - WALL MOUNTED +42" A.F.F U.O.N. SWITCH, VACANCY CONTROL - SINGLE POLE - WALL MOUNTED +42" A.F.F U.O.N. SWITCH, VACANCY CONTROL - DUAL POLE - WALL MOUNTED +42" A.F.F U.O.N. (FAN CONTROL SHALL BE PROVIDED WITH TIME DELAY) LV SWITCH, SINGLE ON/OFF WITH DIMMER - WALL MOUNTED +42" A.F.F U.O.N. (NUMBER OF SCENE BUTTONS AS INDICATED) LV MASTER CONTROL - WALL MOUNTED +42" A.F.F U.O.N. LV VACANCY SENSOR CONTROL - CEILING MOUNTED LV DAYLIGHTING SENSOR CONTROL - DUAL ZONE - CEILING MOUNTED PLUG LOAD CONTROLLER - MOUNT IN ACCESSIBLE LOCATION (NUMBER OF ZONES AS INDICATED) SWITCH, PHOTO CELL ASTRONOMICAL TIME CLOCK		DISCONNECT, NON-FUSED DISCONNECT, WITH FUSE STARTER, NON-FUSED STARTER, WITH FUSE DIVISION 15 FAN STARTER, WITH CIRCUIT BREAKER PANELBOARD FLUSH PANELBOARD SURFACE ENCLOSURE FLUSH ENCLOSURE SURFACE DISTRIBUTION BOARD METER SECTION MOTOR MTTB SITE PULL BOX / VAULT TRANSFORMER
Y	VOICE/DATA OUTLET - WALL MOUNTED +18" A.F.F. U.O.N. DATA OUTLET - FLOOR MOUNTED VOICE OUTLET - FLOOR MOUNTED		CIRCUITING		MISCELLANEOUS
	VOICE/DATA OUTLET - FLOOR MOUNTED VOICE OUTLET - CEILING MOUNTED VOICE/DATA OUTLET - CEILING MOUNTED DATA OUTLET - CEILING MOUNTED TV OUTLET, WALL MOUNTED SIGNAL - WALL MOUNTED SPEAKER BACK BOX - WALL MOUNTED SPEAKER BACK BOX - CEILING MOUNTED		ELECTRICAL CIRCUIT - CONCEALED ELECTRICAL CIRCUIT - EXPOSED ELECTRICAL CIRCUIT - UNDER FLOOR, GROUND OR SLAB ELECTRICAL CIRCUIT - HOME RUN ELECTRICAL CIRCUIT - STUB OUT ELECTRICAL CIRCUIT - STUB DOWN ELECTRICAL CIRCUIT - STUB UP ELECTRICAL CIRCUIT - COMPLETE CONNECTION OF EQUIPMENT OR	XXXXX 1 (XXXXX) (XXXXX) (XXXXX)	DEMO KEYED NOTE TAG ELECTRICAL EQUIPMENT TAG KEYED NOTE TAG LIGHT FIXTURE TAG MECHANICAL EQUIPMENT TAG
	WIREMOID		DEVICE	\bigwedge 1	REVISION DELTA

• MIN UNOBSTRUCTED FORWARD REACH 15-INCHES TO BOTTOM OF • MAX OBSTRUCTED FORWARD REACH 44-INCHES TO TOP OF DEVICE. • MAX OBSTRUCTED SIDE REACH 46-INCHES TO TOP OF DEVICE. APPLICABLE CODES AND STANDARDS INCORPORATED DOCUMENTS A. Requirements of the general conditions, supplementary conditions, and division 1. sections apply to all work in this section, unless modified herein. B. Published specifications, standard tests or recommended methods of trade, industry or government organizations apply to work of this section where cited by abbreviations noted below, unless modified herein. 1. NATIONAL ELECTRICAL CODE, LATEST EDITION, (NEC). 2. NEMA STANDARDS 3. UNDERWRITERS' LABORATORIES, INC. (UL). 4. LOCAL UTILITY COMPANY REGULATIONS. 5. NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

ADA REQUIREMENTS

• MAX UNOBSTRUCTED FORWARD REACH 48-INCHES TO TOP OF

A. ALL HEIGHTS ARE TO CENTERLINE OF DEVICE

B. FOLLOW ALL ADA REQUIREMENTS FOR DEVICE MOUNTING:



