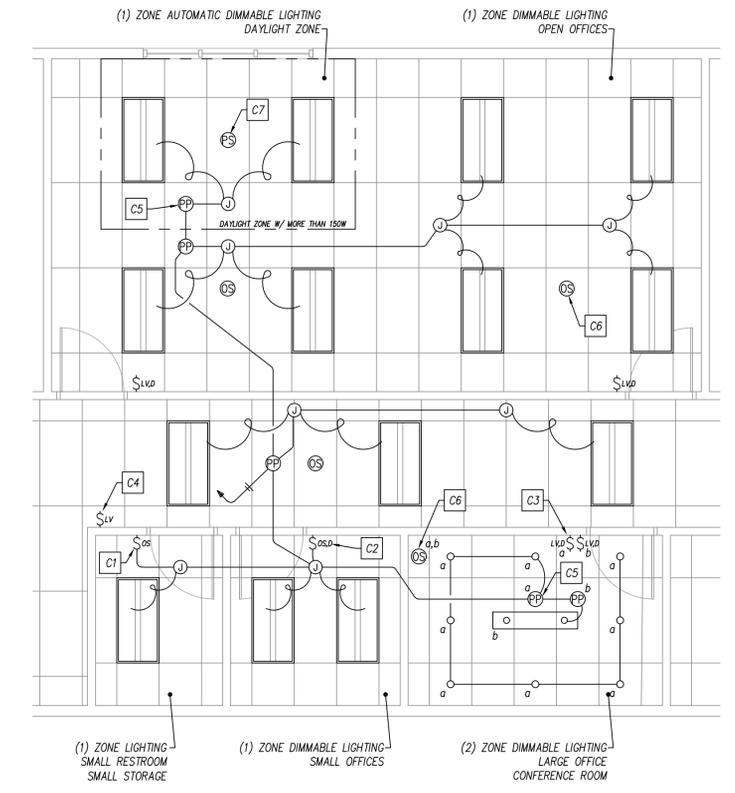


LIGHTING CONTROL CONCEPTS DETAIL

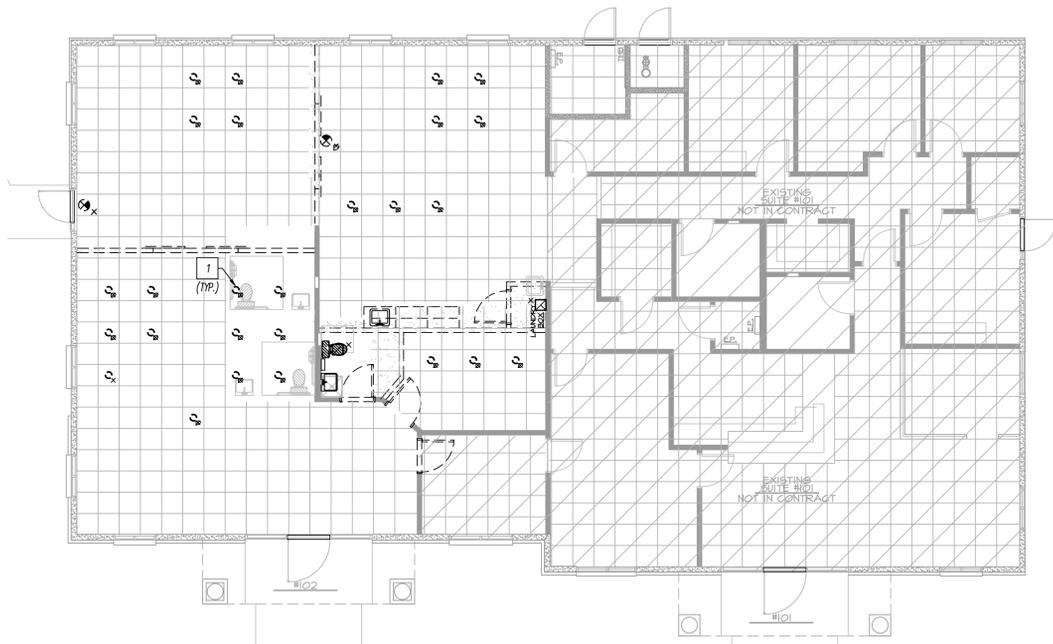
- C1 OCCUPANCY SENSOR SWITCH (LINE VOLTAGE) FOR "AUTOMATIC-OFF/MANUAL-ON" OPERATION.
- C2 OCCUPANCY SENSOR SWITCH (0-10V DIMMING) FOR "AUTOMATIC-OFF/MANUAL-ON" OPERATION AND LOW-VOLTAGE DIMMING CONTROL.
- C3 LOW-VOLTAGE DIMMER SWITCH (0-10V DIMMING) FOR MANUAL DIMMING CONTROL OF LIGHTING ZONE AS SHOWN. TIE INTO POWER-PACK PER MANUFACTURER'S INSTALLATION INSTRUCTIONS (TYPICAL U.N.O.).
- C4 LOW-VOLTAGE SWITCH FOR MANUAL CONTROL OF LIGHTING ZONE AS SHOWN. TIE INTO POWER-PACK PER MANUFACTURER'S INSTALLATION INSTRUCTIONS (TYPICAL U.N.O.).
- C5 POWER-PACK FOR CONTROL OF LINE-VOLTAGE LIGHTING WITHIN SPACE (ZONES AS INDICATED). PROVIDE CONNECTION TO INPUT SIGNAL DEVICES (OCCUPANCY SENSOR, PHOTOSENSOR, DIMMING WALL SWITCH, ETC.) AS NECESSARY AND PER MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE SUFFICIENT QUANTITY TO POWER ALL LOW-VOLTAGE DEVICES AND PROVIDE CONTROL PER CODE REQUIREMENTS (TYPICAL U.N.O.).
- C6 OCCUPANCY SENSOR (LOW-VOLTAGE, CEILING MOUNTED) FOR "AUTOMATIC-OFF" OPERATION UPON VACANCY FOR NOT LONGER THAN 30 MIN. TIE INTO POWER-PACK FOR POWER AND CONTROL OF LIGHTING, PER MANUFACTURER'S INSTALLATION INSTRUCTIONS (TYPICAL U.N.O.).
- C7 PHOTOSENSOR (LOW-VOLTAGE, CEILING MOUNTED) FOR "AUTOMATIC DIMMING" OPERATION OF LIGHTING WITHIN THE PRIMARY SIDELIT DAYLIGHT ZONE. TIE INTO POWER-PACK FOR POWER AND CONTROL OF LIGHTING, PER MANUFACTURER'S INSTALLATION INSTRUCTIONS (TYPICAL U.N.O.).



ALL FIXTURES ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.

ELECTRICAL LIGHTING PLAN

1/8" = 1'-0"



ELECTRICAL DEMO LIGHTING PLAN

1/8" = 1'-0"

KEYED NOTES

- 1 DEMOLISH DEVICE, RETURN TO OWNER'S STOCKPILE, AND REMOVE CONDUIT BACK TO COMMON POINT FOR REUSE. REMOVE BACK TO PANEL IF NOT REUSED. ENSURE PANEL IS RELABELLED WITH NEW USE, PER NEC 408.4(A) (TYPICAL OF ALL MARKED "X").
- 2 REUSE DEVICE FROM OWNER'S STOCKPILE FED FROM CIRCUIT PREVIOUSLY FEEDING DEMOLISHED DEVICE. REWIRE LIGHTING CONTROL AS NECESSARY. DO NOT CONNECT MORE THAN 16AMPS TO ANY SINGLE CIRCUIT. ENSURE PANEL IS RELABELLED WITH NEW USE, PER NEC 408.4(A) (TYPICAL OF ALL LIGHTS MARKED "R").
- 3 NEW LIGHT SWITCH TO MATCH EXISTING TENANT DEVICES. VERIFY FINISH AND STYLE PRIOR TO ORDERING. REWIRE AS NECESSARY, FOR INDEPENDENT CONTROL OF NEWLY CREATED SPACE (TYPICAL OF ALL SWITCHES SHOWN). REFER TO LIGHTING CONTROL CONCEPTS DETAIL, THIS PAGE.
- 4 REUSE CEILING MOUNTED EXHAUST FAN FROM OWNER'S STOCKPILE, CONTROL WITH LIGHTING IN RESTROOM.
- 5 RELOCATE EXISTING, 1400-LUMEN, 90-MIN. EMERGENCY BATTERY BACK-UP AND REWIRE AS NECESSARY. PROVIDE NEW IF NONE ARE AVAILABLE TO BE RELOCATED (TYPICAL OF ALL MARKED "EM").

EMERGENCY LIGHTING AND EXIT SIGNAGE:
 THE ELECTRICAL CONTRACTOR SHALL PROVIDE EXIT SIGNAGE ALONG THE PATH OF EGRESS AS DEFINED BY THE ARCHITECT. THE ELECTRICAL CONTRACTOR SHALL ALSO PROVIDE A 1.0 FOOT-CANDLE AVERAGE WITH A 0.1 FOOT-CANDLE MINIMUM EMERGENCY ILLUMINATION LEVEL ALONG THE PATH OF EGRESS. ADD ADDITIONAL FIXTURES WHERE REQUIRED TO COMPLY WITH IBC 1006 FOR JURISDICTIONS CURRENTLY USING PRE-2018 IBC, OR 1008 FOR POST 2018 IBC.

2018 IECC EXEMPTION NOTE:
 1. NO LIGHTING LOAD WAS ADDED UNDER THIS SCOPE OF WORK.
 2. THIS PROJECT IS CLASSIFIED AS AN ADDITION, ALTERATION, RENOVATION, OR REPAIR PER 2018 IECC C501.2.
 3. IN ADDITION, LESS THAN 10% OF THE LIGHT FIXTURES ARE BEING REPLACED THEREFORE NO INTERIOR ENERGY CALCULATIONS ARE REQUIRED PER C503.6, EXCEPTION 1.

GENERAL DEMOLITION NOTES - LIGHTING:
 1. DEVICES, FIXTURES AND OUTLETS SHOWN AS DASHED OR DENOTED "X" SHALL BE REMOVED.
 2. ANY DEVICE, FIXTURE OR OUTLET NOT SHOWN AND AFFECTED BY DEMOLITION SHALL BE REMOVED. NOTIFY ENGINEER, IN WRITING, OF ADDITIONAL REMOVAL.
 3. ELECTRICAL CONTRACTOR SHALL ENSURE EXTERIOR LIGHTING IS NOT ALTERED FROM DEMOLITION.
 4. UNUSED CONDUIT AND WIRE SHALL BE REMOVED.
 5. ELECTRICAL CONTRACTOR SHALL RETAIN LIGHTS TO BE RELOCATED. SEE ELECTRICAL LIGHTING SHEET FOR NEW LOCATIONS.

LIGHT FIXTURE SCHEDULE

TAG	VOLTS	MANUFACTURER	PART #	LAMPING CCT/WATTS	DESCRIPTION/NOTES
L1	MVOLT	PRESCOLITE	LOGLED 120 6LCLD 7 8 DM	LED (1400 lumens) 3500K/ 26W	6" RECESSED LED DOWNLIGHT WITH 0-10 VOLT DIMMING & 90-MINUTE EMERGENCY BATTERY BACK-UP WHERE NOTED.
L2	MVOLT	AS SELECTED BY TENANT	-	60W MAX	BATHBAR PROVIDED BY OWNER, CONNECTED BY ELEC. CONTRACTOR
⊗	MVOLT	DUAL LITE	LES C S R X W	L.E.D. <5W PER SIDE	L.E.D. EXIT SIGN WITH 90-MINUTE EMERGENCY BATTERY BACK-UP.

SCHEDULE NOTES:
 1. ALL EMERGENCY FIXTURE SHALL PROVIDE MINIMUM OF 90-MINUTE BATTERY BACK-UP. IF THE GENERAL LIGHTING IN THE AREA IS HID, ALL FIXTURES IN THE AREA SHALL HAVE A MINIMUM OF A 10-MINUTE TIME DELAY.
 2. ELECTRICAL CONTRACTOR SHALL PROVIDE A BASE BID OFF THIS LIGHT FIXTURE SCHEDULE. ALTERNATES MAY BE SUBMITTED AFTER AWARD OF CONTRACT. PROVIDING THEY ARE SUBMITTED WITH WRITTEN OWNER APPROVAL AND ITEMIZED DEDUCT FROM THE BASE BID. ANY RE-DESIGN REQUIRED BY AN ALTERNATE PACKAGE SHALL BE BILLED TO THE ELECTRICAL CONTRACTOR.
 3. MODULAR WIRING IS ACCEPTABLE.
 4. ALL DIMMED EMERGENCY FIXTURES SHALL BE PROVIDED WITH UL924 SHUNT RELAY DEVICE WHEN NOT PROVIDED INTEGRAL TO LIGHT FIXTURE.
 5. ALL DIMMED LIGHTING ZONES SHALL HAVE DEDICATED NEUTRAL.

PINAL PROFESSIONAL VILLAGE
 BLDG 16: 36457 N. GANTZEL RD. SAN TAN VALLEY, AZ 85140

2nd CHANCE TREATMENT CENTER
ELECTRICAL LIGHTING & DEMOLITION PLAN

PROJECT: PINAL PROFESSIONAL VILLAGE
 SHEET TITLE: ELECTRICAL LIGHTING & DEMOLITION PLAN

PROJECT NO: 2125.01
 DATE: 10-22-2021
 REVISED:

DRAWN BY: WB

SHEET

E3.0

OF



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