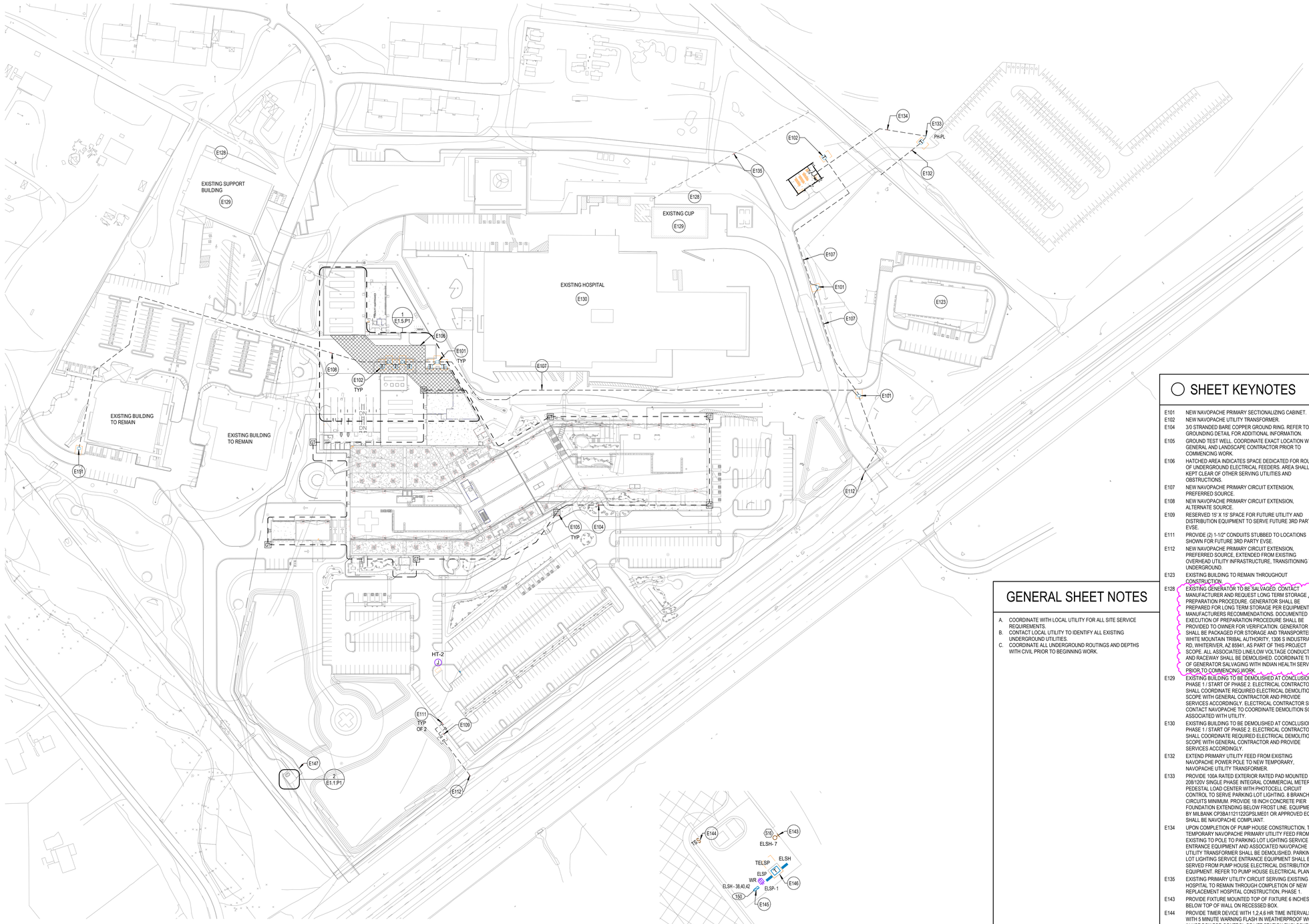
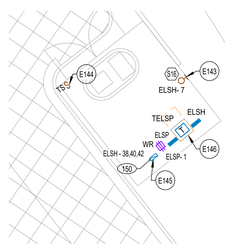


1 ELECTRICAL SITE POWER PLAN PHASE 1
SCALE: 1" = 80'-0"



2 ENLARGED LIFT STATION ELECTRICAL PLAN
SCALE: 1" = 10'-0"

PROJECT NORTH

0 80' 160' 240'
GRAPHIC SCALE: 1" = 80' - 0"

GENERAL SHEET NOTES

A. COORDINATE WITH LOCAL UTILITY FOR ALL SITE SERVICE REQUIREMENTS.
B. CONTACT LOCAL UTILITY TO IDENTIFY ALL EXISTING UNDERGROUND UTILITIES.
C. COORDINATE ALL UNDERGROUND ROUTINGS AND DEPTHS WITH CIVIL PRIOR TO BEGINNING WORK.

SHEET KEYNOTES

E101 NEW NAVOPACHE PRIMARY SECTIONALIZING CABINET.
E102 NEW NAVOPACHE UTILITY TRANSFORMER.
E104 3/0 STRANDED BARE COPPER GROUND RING. REFER TO GROUNDING DETAIL FOR ADDITIONAL INFORMATION.
E105 GROUND TEST WELL. COORDINATE EXACT LOCATION WITH GENERAL AND LANDSCAPE CONTRACTOR PRIOR TO COMMENCING WORK.
E106 HATCHED AREA INDICATES SPACE DEDICATED FOR ROUTING OF UNDERGROUND ELECTRICAL FEEDERS. AREA SHALL BE KEPT CLEAR OF OTHER SERVING UTILITIES AND OBSTRUCTIONS.
E107 NEW NAVOPACHE PRIMARY CIRCUIT EXTENSION, PREFERRED SOURCE.
E108 NEW NAVOPACHE PRIMARY CIRCUIT EXTENSION, ALTERNATE SOURCE.
E109 RESERVED 15' X 15' SPACE FOR FUTURE UTILITY AND DISTRIBUTION EQUIPMENT TO SERVE FUTURE 3RD PARTY EVSE.
E111 PROVIDE (2) 1-1/2" CONDUITS STUBBED TO LOCATIONS SHOWN FOR FUTURE 3RD PARTY EVSE.
E112 NEW NAVOPACHE PRIMARY CIRCUIT EXTENSION, PREFERRED SOURCE. EXTENDED FROM EXISTING OVERHEAD UTILITY INFRASTRUCTURE. TRANSITIONING TO UNDERGROUND.
E123 EXISTING BUILDING TO REMAIN THROUGHOUT CONSTRUCTION.
E128 EXISTING GENERATOR TO BE SALVAGED. CONTACT MANUFACTURER AND REQUEST LONG TERM STORAGE PREPARATION PROCEDURE. GENERATOR SHALL BE PREPARED FOR LONG TERM STORAGE PER EQUIPMENT MANUFACTURERS RECOMMENDATIONS. DOCUMENTED EXECUTION OF PREPARATION PROCEDURE SHALL BE PROVIDED TO OWNER FOR VERIFICATION. GENERATOR SHALL BE PACKAGED FOR STORAGE AND TRANSPORTED TO WHITE MOUNTAIN TRIBAL AUTHORITY, 1306 S INDUSTRIAL RD, WHITERIVER, AZ 85941, AS PART OF THIS PROJECT SCOPE. ALL ASSOCIATED LINE/LOW VOLTAGE CONDUCTORS AND RACEWAY SHALL BE DEMOLISHED. COORDINATE TIMING OF GENERATOR SALVAGING WITH INDIAN HEALTH SERVICES PRIOR TO COMMENCING WORK. H
E129 EXISTING BUILDING TO BE DEMOLISHED AT CONCLUSION OF PHASE 1 / START OF PHASE 2. ELECTRICAL CONTRACTOR SHALL COORDINATE REQUIRED ELECTRICAL DEMOLITION SCOPE WITH GENERAL CONTRACTOR AND PROVIDE SERVICES ACCORDINGLY. ELECTRICAL CONTRACTOR SHALL CONTACT NAVOPACHE TO COORDINATE DEMOLITION SCOPE ASSOCIATED WITH UTILITY.
E130 EXISTING BUILDING TO BE DEMOLISHED AT CONCLUSION OF PHASE 1 / START OF PHASE 2. ELECTRICAL CONTRACTOR SHALL COORDINATE REQUIRED ELECTRICAL DEMOLITION SCOPE WITH GENERAL CONTRACTOR AND PROVIDE SERVICES ACCORDINGLY.
E132 EXTEND PRIMARY UTILITY FEED FROM EXISTING NAVOPACHE POWER POLE TO NEW TEMPORARY, NAVOPACHE UTILITY TRANSFORMER.
E133 PROVIDE 100A RATED EXTERIOR RATED PAD MOUNTED 208/120V SINGLE PHASE INTEGRAL COMMERCIAL METER PEDESTAL LOAD CENTER WITH PHOTOCELL CIRCUIT CONTROL TO SERVE PARKING LOT LIGHTING. 8 BRANCH CIRCUITS MINIMUM. PROVIDE 18 INCH CONCRETE PIER FOUNDATION EXTENDING BELOW FROST LINE. EQUIPMENT BY MILBANK CP3BA1121122GPSLMED1 OR APPROVED EQUAL. SHALL BE NAVOPACHE COMPLIANT.
E134 UPON COMPLETION OF PUMP HOUSE CONSTRUCTION, THE TEMPORARY NAVOPACHE PRIMARY UTILITY FEED FROM EXISTING TO POLE TO PARKING LOT LIGHTING SERVICE ENTRANCE EQUIPMENT AND ASSOCIATED NAVOPACHE UTILITY TRANSFORMER SHALL BE DEMOLISHED. PARKING LOT LIGHTING SERVICE ENTRANCE EQUIPMENT SHALL BE SERVED FROM PUMP HOUSE ELECTRICAL DISTRIBUTION EQUIPMENT. REFER TO PUMP HOUSE ELECTRICAL PLANS.
E135 EXISTING PRIMARY UTILITY CIRCUIT SERVING EXISTING HOSPITAL TO REMAIN THROUGH COMPLETION OF NEW REPLACEMENT HOSPITAL CONSTRUCTION, PHASE 1.
E143 PROVIDE FIXTURE MOUNTED TOP OF FIXTURE 6 INCHES BELOW TOP OF WALL ON RECESSED BOX.
E144 PROVIDE TIMER DEVICE WITH 1,2,4,6 HR TIME INTERVALS WITH 5 MINUTE WARNING FLASH IN WEATHERPROOF WHILE IN USE BOX FOR CONTROL OF LIFT STATION ENCLOSURE FIXTURE.
E145 PROVIDE 480V/200A/3PNEMA 3R STAINLESS STEEL FUSED DISCONNECT TO 72HP LIFT STATION MAINS POWER. TERMINATE LINE CONNECTIONS. LOAD SIDE CONNECTION PROVIDED BY SYSTEM PROVIDER. PROVIDE FUSING PER SYSTEM PROVIDER. COORDINATE FINAL REQUIREMENTS WITH SYSTEM PROVIDER.
E146 PROVIDE EQUIPMENT SURFACE MOUNTED TO CONCRETE SCREEN WALL. TOP OF EQUIPMENT NO HIGHER THAN 6 INCHES FROM TOP OF WALL. TYPICAL.
E147 PROPOSED ROUTING FOR LIFT STATION UNDERGROUND POWER FEEDER TO SOURCE PANEL IN MAIN BUILDING. FIELD COORDINATE FINAL LOCATION WITH CIVIL. REFER TO SES-E SINGLE LINE FOR ADDITIONAL INFORMATION.
E151 NEW NAVOPACHE PRIMARY SECTIONALIZING CABINET TO SERVE AS ALTERNATE UTILITY CIRCUIT PATH.

IHS Whiteriver Hospital

200 W Hospital Drive
Whiteriver, Arizona, 85941

IHS Project #: 131445
IHS Contract #: 75H70123R00008
IHS Award Date: 02/02/2024

BASED ON PROGRAM OF REQUIREMENTS DATED [**03/26/22**], POR AMENDMENT DATED [**02/03/25**], AND ON SCHEMATIC DRAWINGS APPROVED [**11/19/24**].

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ISSUED FOR	DATE
BID ADDENDUM-H	18JUN26
FINAL CONSTRUCTION DOCUMENTS	23JAN26

SEALS AND SIGNATURES

Registered Professional Engineer (Electrical)
CERTIFICATE NO. 54673
DANIEL L. PETERSON
Date Signed 06-18-26
ARIZONA U.S.A.
EXPIRES: 6-30-28

ELECTRICAL SITE POWER PLAN PHASE 1

Drawn By: Whittington Checked By: Baca

14904.000

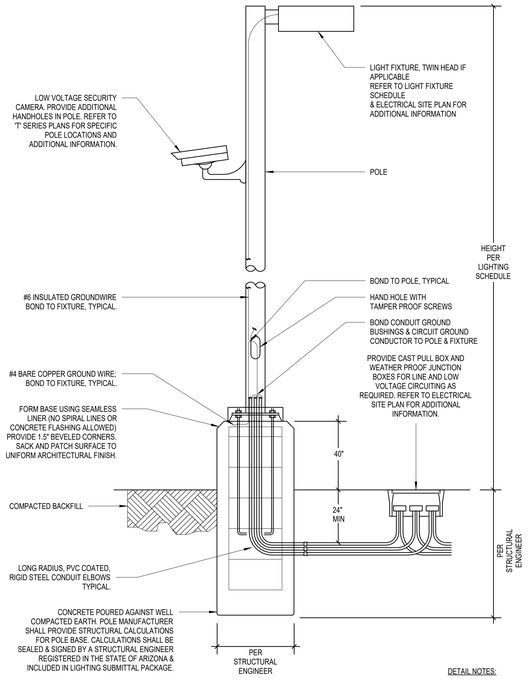
PROJECT NUMBER

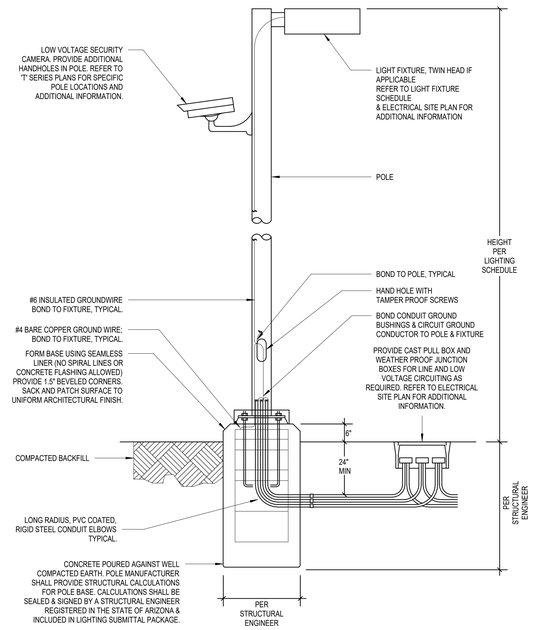
CD

SHEET NUMBER

E1.1.P1

Plot Date: 6/18/2026 3:48:06 PM Whittington

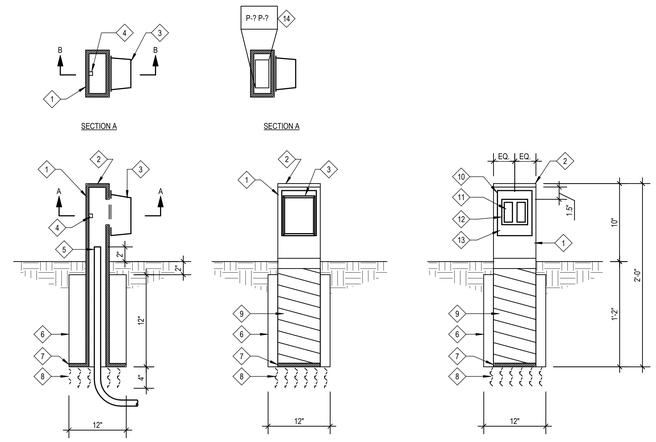




DETAIL NOTES:

1. PROVIDE UNDERGROUND PULL BOXES AS REQUIRED. COORDINATE LOCATION WITH CIVIL ENGINEER AND ARCHITECT.

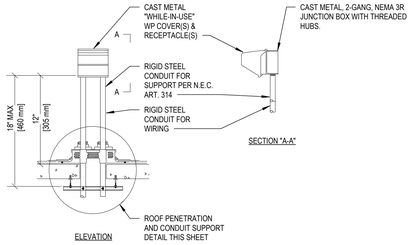
1 SITE LIGHTING POLE AND POLE BASE DETAIL
SCALE: NONE



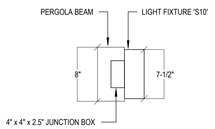
KEYED NOTES

1. RECTANGULAR STRAIGHT STEEL TUBE 3"x6"x24" LONG, 3/16" THICK. PRIME AND PAINT, COLOR TO BE DETERMINED BY OWNER.
2. 1/8" THICK STEEL TOP. PROVIDE CONTINUOUS WELD ALONG PERIMETER OF CAP. PRIME AND PAINT BLACK.
3. QUADRUPLEX WEATHERPROOF WHILE IN USE OUTLET COVER WITH STAINLESS STEEL LOCKING MECHANISM FLUSH IN HINGED COVER EQUAL TO INTERMATIC #WP1010MC WITH DOUBLE GFCI BASE CONFIGURATION. PAINT COVER TO MATCH STEEL TUBE.
4. WELD 1/4" STEEL NUT ONTO THE INSIDE FACE OF THE STEEL TUBE OPPOSITE THE CONVENIENCE RECEPTACLES FOR ATTACHING SYSTEM GROUND WIRING.
5. STUB UNDERGROUND CONDUITS 2" ABOVE FINISHED GRADE INSIDE STEEL TUBE.
6. CLASS 'A' CONCRETE (3000 PSI).
7. TWO 3"x6"x3/16" STEEL PLATES (ONE EACH SIDE) WELDED TO THE BASE OF THE STEEL TUBE.
8. 1" WASHED RIVER ROCK.
9. PROVIDE 1/8" THICK BITUMINOUS COATING ON THE INSIDE AND OUTSIDE OF THE STEEL TUBE AS INDICATED. WRAP THE OUTSIDE OF THE TUBE WITH 10 MIL PLASTIC TAPE, HALF LAPPED.
10. OUTLINE OF WEATHERPROOF COVER.
11. OUTLINE OF QUADRA-PLEX GFCI CONVENIENCE RECEPTACLE FORM.
12. OUTLINE OF RECTANGULAR HOLE IN THE STEEL TUBE FOR QUADRA-PLEX GFCI CONVENIENCE RECEPTACLE.
13. DRILL AND TAP HOLES IN STEEL TUBE FOR MOUNTING RECEPTACLES AND WEATHERPROOF COVER.
14. CONTRACTOR IS TO STAMP CORRECT CIRCUIT NUMBER DIRECTLY ON THE TOP OF EACH RECEPTACLE PEDESTAL WITH 1/2" LETTERS.

2 QUADPLEX RECEPTACLE PEDESTAL DETAIL
SCALE: NONE



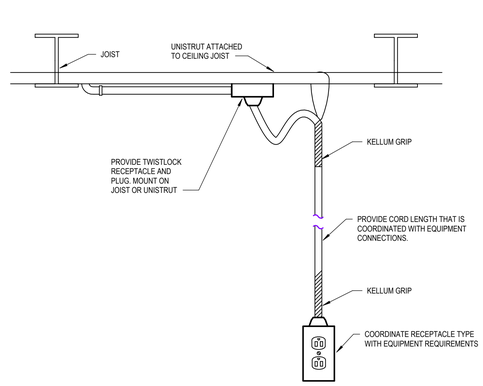
3 ROOF RECEPTACLE MOUNTING DETAIL
SCALE: N.T.S.



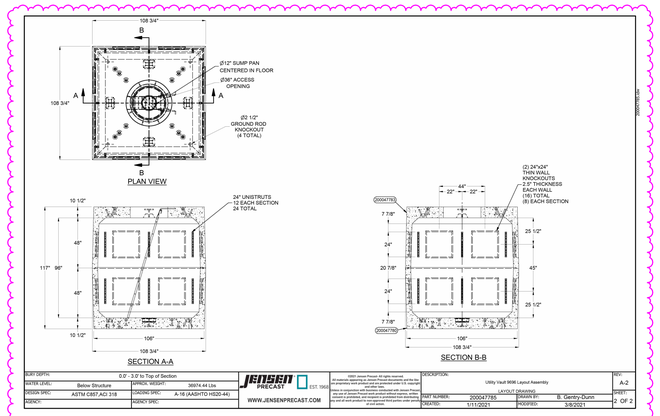
DETAIL NOTES:

1. LIGHT FIXTURE TO BE AIMED DOWNWARD.
2. JUNCTION BOX TO BE INSTALLED IN PRE-CUT POCKET AT END OF BEAM AND FED BY PRE-INSTALLED 1/2" CONDUIT THAT RUNS THROUGH CENTER OF BEAM. COORDINATE BEAM DETAILS WITH ARCHITECTURAL PRIOR TO WORK.

4 PERGOLA BEAM MOUNTED LIGHT FIXTURE DETAIL
SCALE: N.T.S.



5 DROP CORD DETAIL
SCALE: NONE



SUMP DEPTH:	0.0' - 3.0' to Top of Section				
ENTER LEVEL:	Below Structure	APPROX. WEIGHT:	3697#/4.44 Lbs		
DESIGN SPEC:	ASTM C857,ACI 318	LOADING SPEC:	A-16 (AASHTO HS20-44)		
AGENCY:		AGENT SPEC:			

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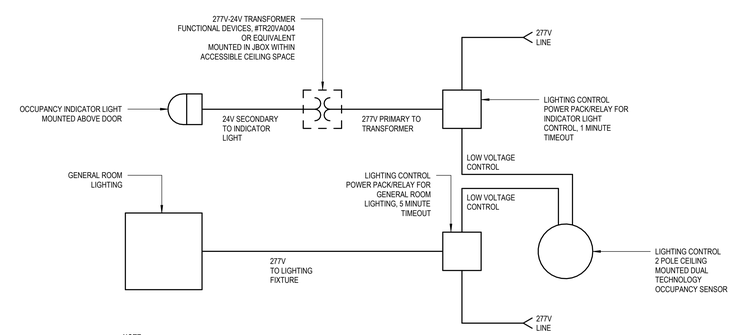
DESCRIPTION: Utility Vault 9X9K Layout Assembly
LAYOUT DRAWING
PART NUMBER: 2000047785 | DESIGNER: B. Gentry-Dunn
CREATED: 1/11/2021 | MODIFIED: 3/3/2021
REV: A-2
SHEET: 2 OF 2

NOTES :

1. COORDINATE WITH VENDOR TO OMIT THIN WALL KNOCKOUTS SHOWN. PROVIDE PENETRATIONS TO ACCOMMODATE DUCT BANKS AS DETAILED ON UNDERGROUND COORDINATION PLAN.
2. COORDINATE WITH VENDOR TO PROVIDE PULLING IRONS ON EACH WALL OPPOSITE CONDUIT ENTRIES. IRONS SHALL BE RATED FOR AT LEAST 10,000LBS PULLING FORCE MINIMUM.
3. CONTRACTOR SHALL PROVIDE FIBERGLASS CABLE MANAGEMENT LADDERS COMPATIBLE WITH THE VENDOR-SUPPLIED CABLE MANAGEMENT SYSTEM. SECURE ALL CABLES TO THE LADDERS TO PREVENT MOVEMENT, INCLUDING MOVEMENT RESULTING FROM FAULT CONDITIONS.
4. EQUIVALENT EQUIPMENT FROM APPROVED MANUFACTURERS IS ACCEPTABLE, PER DIV 26 SPECIFICATIONS.

7 GENERATOR FEEDER MANHOLE DETAIL
SCALE: NONE



NOTE
DETAIL IS DIAGRAMMATIC. INSTALL PER LIGHTING CONTROL MANUFACTURER SPECIFICATIONS.

6 OCCUPANCY INDICATOR LIGHT WIRING DETAIL
SCALE: NONE

IHS Whiteriver Hospital

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Whiteriver, Arizona, 85941

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FINAL CONSTRUCTION DOCUMENTS	23JAN26

SEALS AND SIGNATURES

Registered Professional Engineer (Electrical) CERTIFICATE NO. 54673 DANIEL L. PETERSON Date Signed 06-18-26 ARIZONA U.S.A.
EXPIRES: 6-30-28

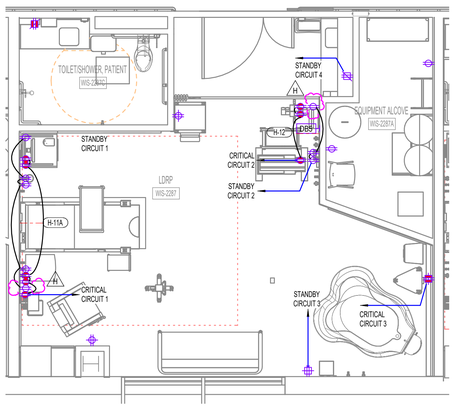
ELECTRICAL DETAILS

Drawn By: Whittington Checked By: Baca

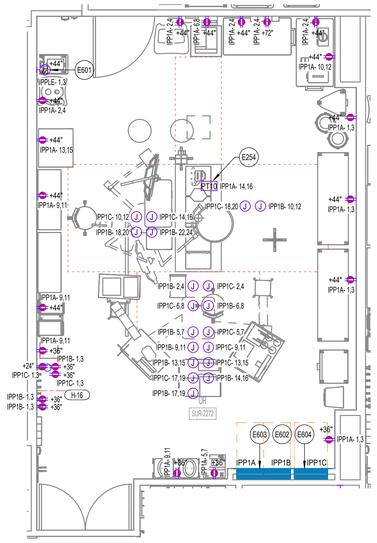
14904.000
PROJECT NUMBER

CD **E6.0.6**
SHEET NUMBER

Plot Date: 6/18/2026 3:48:07 PM Whittington

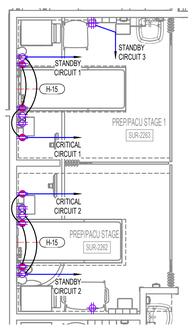


1 BEDROOM, LDRP POWER PLAN
SCALE: 1/4" = 1'-0"

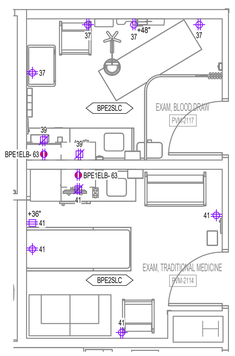


2 LARGE PROCEDURE, OR POWER PLAN
SCALE: 1/4" = 1'-0"

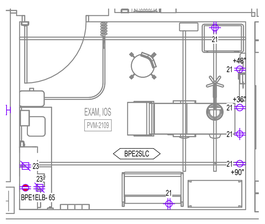
3 SIM LAB POWER PLAN
SCALE: 1/4" = 1'-0"



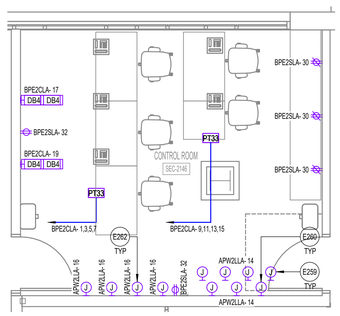
4 RECOVERY STAGE 1 POWER PLAN
SCALE: 1/4" = 1'-0"



5 EXAM BLOOD DRAW & TRADITIONAL MEDICINE POWER PLANS
SCALE: 1/4" = 1'-0"



6 EXAM, IOS POWER PLAN
SCALE: 1/4" = 1'-0"



7 CONTROL ROOM SEC-2146
SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

A. SEE DRAWING E0.1 FOR ABBREVIATIONS, SYMBOLS, GENERAL NOTES AND DEVICE MOUNTING HEIGHT OF WALL MOUNTED DEVICES, UON.
B. ALL BRANCH CIRCUIT WIRING SHALL BE A MINIMUM SIZE OF #10 AWG. REFER TO SHEET E0.2 FOR ADDITIONAL SIZING INFORMATION.
C. COORDINATE ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
D. COORDINATE ALL HEADWALL DEVICE LOCATIONS WITH ARCHITECTURAL HEADWALL ELEVATIONS PRIOR TO ROUGH-IN.
E. THE CONTRACTOR SHALL COORDINATE EXACT LOCATION OF EQUIPMENT POWER CONNECTIONS WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
F. CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING ANY REQUIRED TRANSFORMER/POWER SUPPLIES FOR DOOR HARDWARE. COORDINATE WITH ARCHITECTURAL AND SECURITY DRAWINGS FOR DOOR HARDWARE. PROVIDE 120V POWER AS REQUIRED.
G. CONTRACTOR SHALL COORDINATE AND FIELD VERIFY REQUIREMENT OF NEUTRAL CONDUCTOR FOR ALL EQUIPMENT AND PROVIDE NEUTRAL CONDUCTOR AS NECESSARY.
H. ALL CIRCUITS SHALL HAVE DEDICATED NEUTRAL CONDUCTOR, UNLESS NOTED OTHERWISE.
I. ALL CONDUCTORS SHALL BE COPPER, UNLESS NOTED OR SCHEDULED OTHERWISE.
J. TRIPPING OF GFCI RECEPTACLES SHALL NOT AFFECT THE DOWNSTREAM RECEPTACLES.
K. NO MORE THAN 3 CIRCUITS MAY SHARE A HOMERUN.
L. PROVIDE 120V CIRCUITS FOR CONTROL PANELS AS REQUIRED BY CONTROL VENDOR. CIRCUIT TO MECHANICAL PANEL WITHIN THE SPACE.
M. ALL UNUSED WALL OUTLETS TO BE COVERED WITH BLANK PLATE. ALL BLANK PLATE COLORS TO MATCH WALL COLOR.
N. REFER TO 'T' SERIES PLANS FOR LOW VOLTAGE BACK BOX AND RACEWAY REQUIREMENTS.
O. ALL CONDUIT ROUTED WITHIN SLAB SHALL COMPLY WITH GUIDELINES LISTED IN STRUCTURAL DRAWINGS.
P. FOR DEVICES LABELED WITH RECTANGULAR TAG, REFER TO KITCHEN EQUIPMENT SCHEDULE ON E7 SERIES FOR CONNECTIONS, CIRCUITS AND DEVICE TYPES.
Q. WALL MOUNTED AND SUSPENDED TRANSFORMERS SHALL BE MOUNTED SUCH THAT THE TRANSFORMER ENCLOSURE AND ALL ELEMENTS OF THE HANGER SUPPORT SYSTEM ARE LOCATED ABOVE THE MINIMUM WORKING SPACE HEIGHT IN COMPLIANCE WITH NEC 110.26.
R. TAMPER RESISTANT RECEPTACLES SHALL BE PROVIDED IN COMPLIANCE WITH 2023 NEC ARTICLES 406.18 AND 517.18(C) AND IN LOCATIONS DEEMED PRUDENT FOR SAFE FACILITY OPERATION. ENGINEER SHALL PROVIDE DOCUMENTATION INDICATING AREAS REQUIRING TAMPER RESISTANT RECEPTACLES DURING SUBMITTAL PROCESS.
S. ELECTRICAL ROOM & UPS ROOM PERSONNEL DOORS SHALL SWING OUTWARD AND BE EQUIPPED WITH LISTED PANIC HARDWARE OR LISTED FIRE EXIT HARDWARE.
T. EXTEND LINE SIDE OF NEAREST 120V GENERAL RECEPTACLE POWER CIRCUIT TO ELECTRONIC PLUMBING VALVES. COORDINATE ELECTRONIC PLUMBING VALVE INFRASTRUCTURE REQUIREMENTS AND LOCATION WITH PLUMBING CONTRACTOR AND EQUIPMENT MANUFACTURER PRIOR TO COMMENCING WORK. INSTALL PER EQUIPMENT MANUFACTURERS SPECIFICATIONS.
U. DUPLEX RECEPTACLE SHOWN AT +90" IN PATIENT CARE AREAS IS INTENDED TO SERVE MOTORIZED PATIENT LIFT. COORDINATE MOUNTING LOCATION AND VERIFY REQUIREMENTS WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
V. PROVIDE GROUND FAULT CIRCUIT INTERRUPTER PROTECTION FOR PERSONNEL IN A READILY ACCESSIBLE LOCATION FOR EACH RECEPTACLE LOCATED IN THE AREAS REQUIRED BY NEC 210.8(B).

SHEET KEYNOTES

E254	COORDINATE EXACT LOCATION OF FLOOR DEVICE WITH EQUIPMENT PROVIDER PRIOR TO ROUGH-IN.
E259	PROVIDE FLUSH MOUNTED JUNCTION BOX WITH SPECIFIED CIRCUIT TO SERVE GENERATOR ANNUNCIATOR PANEL. MOUNT AT +54" AFF. COORDINATE MOUNTING LOCATION WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
E260	PROVIDE FLUSH MOUNTED JUNCTION BOX WITH SPECIFIED CIRCUIT TO SERVE ATS ANNUNCIATOR PANEL. MOUNT AT +38" AFF. COORDINATE MOUNTING LOCATION WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
E262	PROVIDE FLUSH MOUNTED JUNCTION BOX WITH SPECIFIED CIRCUIT TO SERVE SYSTEMS PANEL. COORDINATE MOUNTING LOCATION WITH EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
E601	PROVIDE SURGICAL LASER OUTLET MODULE WITH INTEGRAL REMOTE LINE ISOLATION MONITOR AND ANNUNCIATOR, PG LIFELINK, #DLO-R, EQUIVALENT. DEVICE SHALL BE SERVED BY PANEL IPPLE AND INSTALLED PER MANUFACTURER SPECIFICATIONS.
E602	ALL BRANCH CIRCUIT CONDUCTORS ORIGINATING FROM ISOLATED POWER PANELS SHALL BE TYPE XHHW-2, AND IN COMPLIANCE WITH 2023 NEC ARTICLE 517.160. BRANCH CIRCUITS SHALL BE ROUTED FROM ISOLATED POWER PANEL TO ELECTRICAL DEVICE AS DIRECT AS POSSIBLE, AND WITH NO SPLICES OR PULLING COMPOUND.
E603	PROVIDE DUPLEX ISOLATED POWER PANEL SYSTEM, (2)10KVA 480V/1PH-120V, (32) BRANCH CIRCUITS TOTAL, PGE LIFELINK #IPX-P, OR EQUIVALENT.
E604	PROVIDE ISOLATED POWER PANEL SYSTEM, 10KVA 480V/1PH-120V, (16) BRANCH CIRCUITS, PGE LIFELINK #IPP-P, OR EQUIVALENT.

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SEALS AND SIGNATURES

Registered Professional Engineer (Electrical) CERTIFICATE NO. 54673 DANIEL L. PETERSON Date Signed 06-18-26 ARIZONA, U.S.A.

EXPIRES: 6-30-28

ENLARGED / TYPICAL ROOM POWER PLANS - SECOND LEVEL (UPPER GROUND)

Drawn By: Whittington Checked By: Baca

14904.000

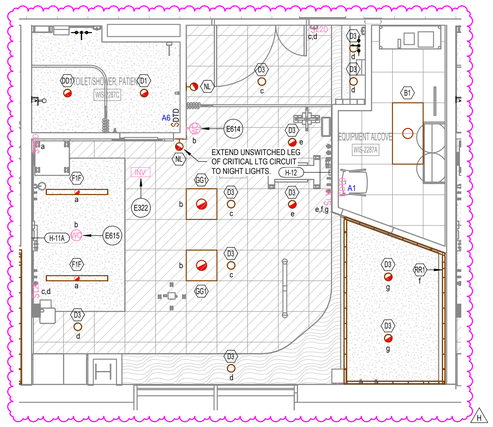
PROJECT NUMBER

CD

SHEET NUMBER

E6.2.4

Plot Date: 6/18/2026 3:48:20 PM Whittington



1 BEDROOM / LDRP LIGHTING PLAN

SCALE: 1/4" = 1'-0"

GENERAL SHEET NOTES

A. SEE DRAWING E0.1 FOR ABBREVIATIONS, SYMBOLS, AND GENERAL NOTES.
B. SEE LIGHTING AND LIGHTING CONTROL SCHEDULES / SxO, E7 SERIES PLANS FOR ADDITIONAL NFORMATION.
C. COORDINATE ALL DEVICE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECTURAL DRAWINGS PRIOR TO ROUGH-IN.
D. ALL CIRCUITS SHALL HAVE DEDICATED NEUTRAL CONDUCTOR, UNLESS NOTED OTHERWISE.
E. ALL LIGHTING BRANCH CIRCUIT WIRING SHALL BE A MINIMUM SIZE OF #10 AWG. REFER TO SHEET E0.2 FOR ADDITIONAL SIZING INFORMATION.
F. ALL CONDUCTORS SHALL BE COPPER, UNLESS NOTED OR SCHEDULED OTHERWISE.
G. WHERE EMERGENCY LIGHTING FIXTURES SERVED FROM LIFE SAFETY OR CRTICAL BRANCH POWER ARE CONNECTED TO A COMMON LIGHTING CONTROL ZONE WITH LIGHT FIXTURES SERVED FROM OTHER BRANCHES OF POWER, A UL924 AUTOMATIC TRANSFER DEVICE SHALL BE PROVIDED. EMERGENCY LIGHTING FIXTURES SHALL BE CONTROLLED BY SPECIFIED LIGHTING CONTROL DEVICE WHEN NORMAL UTILITY POWER IS AVAILABLE AND TRANSFER TO RESPECTIVE EMERGENCY BRANCH POWER UPON LOSS OF NORMAL POWER. LIGHTING CONTROL DEVICE SHALL BE OVERRIDDEN UPON TRANSFER TO EMERGENCY BRANCH POWER FOR 100% LIGHTING FIXTURE OUTPUT. PROVIDE QUANTITY OF DEVICES, ALL ACCESSORIES AND WIRING REQUIRED PER MANUFACTURER'S SPECIFICATIONS. LOCATE TRANSFER DEVICE IN AN ACCESSIBLE LOCATION. LOCATION SHALL BE REFLECTED IN AS-BUILT DOCUMENTATION.
H. LOWERCASE ALPHABETICAL SUBSCRIPT ON FIXTURES/DEVICES INDICATES SWITCHING ZONE WITHIN SPACE.
I. WHERE MORE THAN ONE SWITCH IS SHOWN AT ANY ONE LOCATION, GANG ALL SWITCHES UNDER ONE PLATE. PROVIDE BARRIERS BETWEEN SWITCHES CONNECTED TO DIFFERENT CIRCUITS. WHERE MORE THAN ONE DIMMER IS SHOWN AT ANY ONE LOCATION, MOUNT IN A MANNER TO GIVE THE APPEARANCE OF GANG MOUNTED UNDER ONE PLATE. FOLLOW MANUFACTURERS INSTRUCTIONS FOR DISTANCES AND DERATING.
J. COORDINATE FIXTURES WITH ARCHITECTURAL CEILING AND WALL TYPES.
K. ARCHITECT HAS FINAL APPROVAL OVER ALL FINISHES.
L. FOR ALL CEILING MOUNTED OCCUPANCY SENSORS AND EXIT SIGNS MOUNTED IN OPEN CEILINGS, LOCATE AT HEIGHT SO THAT TOP OF DEVICE IS ALIGNED WITH LOWEST ADJACENT CEILING TO MAINTAIN INTENDED OPERATIONAL RANGE AND VISIBILITY.
M. WHERE GENERAL PURPOSE RECEPTACLES ARE SHOWN WITHIN 2' OF A LIGHTING CONTROL DEVICE, ALIGN DEVICES VERTICALLY IN ELEVATION. COORDINATE LOCATIONS OF MECHANICAL THERMOSTATS AND ALIGN WITH LIGHTING CONTROL.
N. FOR ALL LIGHTING CONTROL DEVICE SYMBOLS SHOWN ON PLANS, SEE SHEET E0.1 FOR LIGHTING CONTROL DESCRIPTION AND TYPE/FUNCTIONALITY OF DEVICE(S) TO BE PROVIDED WITHIN ROOM. FOR ALL LOW VOLTAGE WALL SWITCH DIMMERS, PROVIDE SEPARATE BUTTONS FOR EACH DIMMING ZONE TO ALLOW FULL RANGE DIMMING OF EACH ZONE.
O. FIELD COORDINATE LIGHT FIXTURE LOCATIONS IN ELECTRICAL, MECHANICAL AND TELECOM ROOMS WITH EQUIPMENT, DUCTS, PIPING, TELECOM, SECURITY, AND ALL UTILITIES IN SPACE.
P. EXIT SIGNS ARE REQUIRED TO BE READILY VISIBLE. ENSURE THE EXIT SIGNS ARE NOT OBSTRUCTED.
Q. ALL EXIT SIGNS ARE TYPE "X1" UNLESS NOTED OTHERWISE.
R. EXIT SIGNS SHALL BE CONNECTED TO UNSWITCHED LEG OF SPECIFIED CIRCUIT.
S. PROVIDE CENTRALIZED CONTROL OF ALL LIGHTING IN BUILDING WITH ALL REQUIRED ACCESSORIES AND SOFTWARE FOR REMOTE CONTROLLABILITY/MANAGEMENT AND MONITORING OF ALL LIGHTING. ALL CONTROL PANELS WITHIN PROJECT TO TIE INTO CENTRAL SYSTEM SOFTWARE. SOFTWARE TO BE INSTALLED ON DEVELOPER'S COMPUTERS. QUANTITY AND LOCATION OF SOFTWARE INSTALL AS REQUIRED OR DIRECTED BY DEVELOPER.
T. PROVIDE CONTROL TIE-IN TO BMS FROM LIGHTING CONTROL SYSTEM. PROVIDE ALL SOFTWARE AND DATA CONNECTIONS FOR TIE-IN AS REQURED BY SELECTED MANUFACTURER. FINAL LOCATION TO BE DETERMINED BY DEVELOPER.
U. COMMON AREA CONTROL ZONES OUTLINED WITH DASHED LINE ARE TO BE CONTROLLED BY RELAY PANEL WITH OCCUPANCY SENSORS TO ACTIVATE LIGHTING AFTER HOURS. OCCUPANCY SENSORS SHALL ACTIVATE ALL LIGHTING WITHIN MARKED CONTROL ZONE. REFER TO LIGHTING CONTROL SCHEDULE AND MATRIX ON E7 SHEETS FOR ADDITIONAL INFORMATION.
V. AT ALL IN-PATIENT BED LOCATIONS, PROVIDE INTERFACE FROM OVER-BED LIGHTING FIXTURE(S) TO PILLOW SWITCH CONTROLLER, FOR CONTROL OF AMBIENT AND READING FUNCTIONS. PROVIDE ALL NECESSARY HARDWARE AND CONNECTIVITY FOR A FUNCTIONAL SYSTEM. H

SHEET KEYNOTES

E322 PROVIDE EMERGENCY INVERTER MYERS ILLUMINATOR LVM-250-G OR EQUIVALENT. INVERTER SHALL INTERFACE WITH BIRTHING LIGHT SYSTEM. WHEN BIRTHING LIGHTS ARE IN USE (ON) AND UNDER A LOSS OF UTILITY POWER, INVERTER SHALL PROVIDE BATTERY POWER TO MAINTAIN LIGHTING OUTPUT UNTIL THE GENERATOR SYSTEM HAS BEEN ESTABLISHED AS THE POWER SOURCE. THE INVERTER SHALL NOT OVERRIDE CONTROL AND SHALL NOT ILLUMINATE BIRTHING LIGHTS WHEN THE SYSTEM IS NOT IN USE (OFF).

E614 PROVIDE REQUIRED WALL CONTROL PANEL (KIRLIN PRO-WALLC) FOR BIRTHING LIGHTS. COORDINATE LOCATION PRIOR TO ROUGH IN.

E615 PROVIDE REMOTE SENSOR (KIRLIN PRO-SENSR) FOR BIRTHING LIGHTS.

SENSOR PROGRAMMING

A1 AUTOMATIC ON/OFF, 100% OUTPUT, 5 MINUTE TIME-OUT
A2 AUTOMATIC ON/OFF, 50% OUTPUT, 5 MINUTE TIME-OUT
A3 AUTOMATIC ON/OFF, 50% OUTPUT, 10 MINUTE TIME-OUT
A4 AUTOMATIC ON/OFF, 50% OUTPUT, 20 MINUTE TIME-OUT
A5 AUTOMATIC ON/OFF, 100% OUTPUT, 10 MINUTE TIME-OUT
A6 AUTOMATIC ON/OFF, 100% OUTPUT, 20 MINUTE TIME-OUT
M1 MANUAL ON, AUTOMATIC OFF, 100% OUTPUT, 5 MINUTE TIME-OUT
M2 MANUAL ON, AUTOMATIC OFF, 100% OUTPUT, 10 MINUTE TIME-OUT
M3 MANUAL ON, AUTOMATIC OFF, 100% OUTPUT, 20 MINUTE TIME-OUT

IHS Whiteriver Hospital

200 W Hospital Drive
Whiteriver, Arizona, 85941

IHS Project #:	131445
IHS Contract #:	75H70123R00008
IHS Award Date:	02/02/2024

BASED ON PROGRAM OF REQUIREMENTS DATED [**03/26/22**], POR AMENDMENT DATED [**02/03/25**], AND ON SCHEMATIC DRAWINGS APPROVED [**11/19/24**].

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ISSUED FOR	DATE
BID ADDENDUM-H	18JUN26
FINAL CONSTRUCTION DOCUMENTS	23JAN26

SEALS AND SIGNATURES

Registered Professional Engineer (Electrical) CERTIFICATE NO. 54673 DANIEL L. PETERSON Date Signed 06-18-26 ARIZONA, U.S.A.
EXPIRES: 6-30-28

ENLARGED / TYPICAL ROOM LIGHTING PLANS - SECOND LEVEL (UPPER GROUND)

Drawn By: Whittington Checked By: Baca

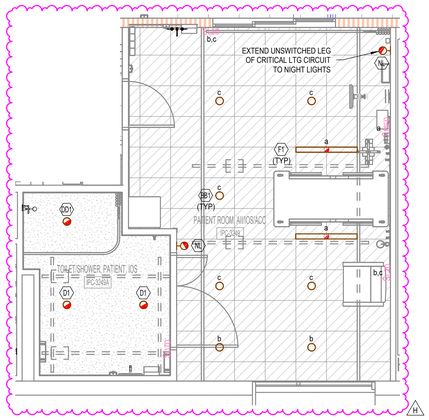
14904.000

PROJECT NUMBER

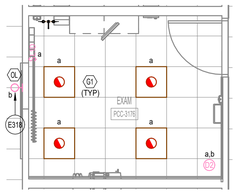
CD **E6.2.5**

SHEET NUMBER

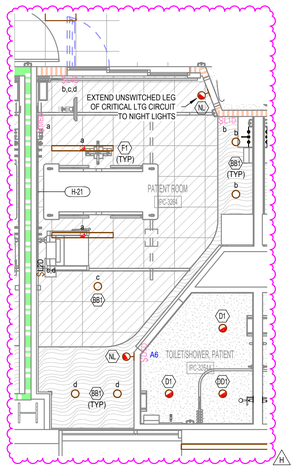
Plot Date: 6/18/2026 3:48:24 PM Whittington



1 AII / IOS / ADA PATIENT ROOM LIGHTING PLAN
SCALE: 1/4" = 1'-0"



2 EXAM LIGHTING PLAN
SCALE: 1/4" = 1'-0"



3 PATIENT ROOM LIGHTING PLAN
SCALE: 1/4" = 1'-0"

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G. WHERE EMERGENCY LIGHTING FIXTURES SERVED FROM LIFE SAFETY OR CRTICAL BRANCH POWER ARE CONNECTED TO A COMMON LIGHTING CONTROL ZONE WITH LIGHT FIXTURES SERVED FROM OTHER BRANCHES OF POWER, A UL924 AUTOMATIC TRANSFER DEVICE SHALL BE PROVIDED. EMERGENCY LIGHTING FIXTURES SHALL BE CONTROLLED BY SPECIFIED LIGHTING CONTROL DEVICE WHEN NORMAL UTILITY POWER IS AVAILABLE AND TRANSFER TO RESPECTIVE EMERGENCY BRANCH POWER UPON LOSS OF NORMAL POWER. LIGHTING CONTROL DEVICE SHALL BE OVERRIDDEN UPON TRANSFER TO EMERGENCY BRANCH POWER FOR 100% LIGHTING FIXTURE OUTPUT. PROVIDE QUANTITY OF DEVICES, ALL ACCESSORIES AND WIRING REQUIRED PER MANUFACTURER'S SPECIFICATIONS. LOCATE TRANSFER DEVICE IN AN ACCESSIBLE LOCATION. LOCATION SHALL BE REFLECTED IN AS-BUILT DOCUMENTATION.
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○ SHEET KEYNOTES

E318 LIGHT FIXTURE 'OL' IS AN OCCUPANCY INDICATOR LIGHT INSTALLED ABOVE EXAM ROOM DOORS ON TEAM ROOM SIDE. PROVIDE 277V-24V TRANSFORMER. USE ASSOCIATED EXAM ROOM LIGHTING CRITICAL BRANCH CIRCUIT FOR POWER. REFER TO LIGHT FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. REFER TO DETAIL 6 ON SHEET E6.0.6 AND DETAIL 7 ON SHEET E6.0.15 FOR ADDITIONAL INFORMATION.

SENSOR PROGRAMMING

A1 AUTOMATIC ON/OFF, 100% OUTPUT, 5 MINUTE TIME-OUT
A2 AUTOMATIC ON/OFF, 50% OUTPUT, 5 MINUTE TIME-OUT
A3 AUTOMATIC ON/OFF, 50% OUTPUT, 10 MINUTE TIME-OUT
A4 AUTOMATIC ON/OFF, 50% OUTPUT, 20 MINUTE TIME-OUT
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A6 AUTOMATIC ON/OFF, 100% OUTPUT, 20 MINUTE TIME-OUT
M1 MANUAL ON, AUTOMATIC OFF, 100% OUTPUT, 5 MINUTE TIME-OUT
M2 MANUAL ON, AUTOMATIC OFF, 100% OUTPUT, 10 MINUTE TIME-OUT
M3 MANUAL ON, AUTOMATIC OFF, 100% OUTPUT, 20 MINUTE TIME-OUT

IHS Whiteriver Hospital

200 W Hospital Drive
Whiteriver, Arizona, 85941

IHS Project #: 131445
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FINAL CONSTRUCTION DOCUMENTS	23JAN26

SEALS AND SIGNATURES

Registered Professional Engineer (Electrical) CERTIFICATE NO. 54673 DANIEL L. PETERSON Date Signed 06-18-26 ARIZONA, U.S.A.
EXPIRES: 6-30-28

ENLARGED / TYPICAL ROOM LIGHTING PLANS - THIRD LEVEL

Drawn By: Whittington Checked By: Baca
14904.000
PROJECT NUMBER

CD **E6.3.4**
SHEET NUMBER

Plot Date: 6/18/2026 3:48:30 PM Whittington