



P.O. Box 1026
Crossville, TN 38557
Ph. 931-484-7541

www.uplanddesigngroup.com

Addendum No. 2, Oct. 23, 2026

Re: Tech Pride Room Renovation
Roaden University Center
Tennessee Technological University
TTU Project #27-009

From: Upland Design Group, PLLC
P.O. Box 1026 (38557)
362 Industrial Blvd.
Crossville, TN 38555
Telephone (931) 484 7541



To: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated Sept. 4, 2026, as noted below. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject Bidder to disqualification.

This Addendum consists of 1 page and 4 pages of attachments (5 pages total).

A copy of the Pre-Bid Meeting sign-in sheet is attached.

Clarifications

- 1) New roller shades are to be included at all windows.
- 2) The small storage room and vestibule plan south of Sp. 101 will receive the same finishes as Sp. 101.
- 3) Owner furnished flooring:
 - LVT Mannington Commercial, Collection: Color Anchor
 - Carpet: Interface Style: Circuit Board Plank, Ashlar Install
 - Contractor to verify prep and glue compatibility with existing terrazzo floor prior to installation

Changes to Drawings:

- 4) Refer to Drawing A1.1 Detail 2. Omit the 5/8" drywall on the cafeteria side of the new stud wall. Assume distance from top of existing CMU wall to underside of concrete slab above is 5'-0".
- 5) Refer to Drawing E0.1. Replace with attached Drawing E0.1, revised date 10/23/26.
- 6) Refer to Drawing E1.1. Replace with attached Drawing E1.1, revised date 10/23/26.
- 7) Refer to Drawing E0.1 Detail 2 TV Backbox Mounting DTL. The contractor is to provide and install the box only. The mounting arm will be provided by the Owner.

END OF ADDENDUM

Thursday, October 15, 2026
 Tech Pride Room Renovation Roaden University
 Center TTU
 Cookeville, Tennessee



PRE-BID MEETING SIGN-IN

	Name	Company	Phone	Email Address	GC✓
1	Jhn Sklbh	Sklb, Const	931-767-1313	jlsklsklb@llc.com	✓
2	G. Jones	Smith Electric	931-418-0332 ~~865-244-5229~~ ~~931-418-0332~~	Gernit@SmithElectricLLC.Com	
3	Philip Carmichael	Skilled Services	~~931-418-0332~~	Philip @ Skilled Services	
4	Bailey Phillips	Mid-Stat	931-357-1837	bailey@mid-statconstruction.com	
5	Tom McCarthy	FTm	931-528-1137	tmccarthy@ftmcontracting.com	
6	Joe Fur	Brick House Electric	931-488-8855	joe@brickhouseelectric.com	
7	ED Jolley	ICIM Builders	423-203-4524	ed@icimbuildersllc.com	
8	Stefanie Leznick	TTU	931-377-3447	stefanie@tn.techned	
9	Nick Sims	TTU			
10	Steven Matlock	Resolute	865-816-0377	smatlock@resolute.com.com	
11	Jake Larsen	W&O Construction	931-357-1994	j.larsen@woc.com	✓
12	Seth Hudson	HD Commercial	931-544-9312	seth@hudson475@gmail.com	
13	Shawn Barzoff	Cherry Creek Elec	931-432-8893	estimating@cherrycreekelec.com	

	Name	Company	Phone	Email Address	GC✓
14	Jaxson Lynes	WellSpring Builders		Estimating@wellspringbuilders.com	
15	EDDIE WILSON	EDIFIEDELECTRIC	931-979-4087	EDDIE@EDIFIEDELECTRIC,LLC	
16	Caelo Radlman	CR Electric	931-644-6913	Cradlman@crelectricservices.com	
17	Chase Jones	CR Electric	931-265-2251	Cjones@crelectricservices.com	
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					

ELECTRICAL LEGEND

GENERAL	
	PANEL
	HOT LEG
	HOT LEG WITH NEUTRAL
	HOT LEG WITH GROUND
	SWITCH LEG
	THREE-WAY CIRCUIT
	CIRCUIT HOME RUN
POWER	
	NON-FUSED DISCONNECT TRANSFORMER
	120V DUPLEX RECEPTACLE
	120V QUAD RECEPTACLE
	240V RECEPTACLE
	RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTER
	RECEPTACLE, IN-FLOOR BOX & COVER
	WEATHER-RESISTANT RECEPTACLE, IN-USE, METAL, HEAVY-DUTY, WITH GROUND FAULT CIRCUIT INTERRUPTER
	ABOVE COUNTER RECEPTACLE, COORDINATE WITH ARCHITECTURE
	UNDER COUNTER RECEPTACLE, COORDINATE WITH ARCHITECTURE
	120V DUPLEX RECEPTACLE SWITCHED WITH LIGHTING CONTROLS
	120V DUPLEX RECEPTACLE WITH USB PORT
	TAMPER-RESISTANT RECEPTACLE
	JUNCTION BOX
	NORMALLY CLOSED CONTACT
	NORMALLY OPEN CONTACT
	CONTACT
	DELAY OFF
	THERMOSTAT
	TIMER
	FUSE
LIGHTING	
	SWITCH
	20A DOUBLE-POLE SINGLE-THROW SWITCH
	3-4 WAY SWITCH
	DIMMER SWITCH
	OCCUPANCY SENSOR SWITCH, TIME SETTING OF 30 MIN. ICON
	CEILING-MOUNTED OCCUPANCY SENSOR, TIME SETTING OF 30 MIN. ICON - HATCHING ON PLANS INDICATES AIMING OF SENSOR
	EXTERIOR PHOTO-ELECTRIC CELL SWITCH
	LIGHTING CONTACTOR

WIRING COLOR CODE

CONDUCTOR	COLOR
120/208 (240)	
PHASE A	BLACK
PHASE B	RED
PHASE C (3Ø ONLY)	BLUE
NEUTRAL	WHITE
GROUND	GREEN
277/480	
PHASE A	BROWN
PHASE B	ORANGE
PHASE C (3Ø ONLY)	YELLOW
NEUTRAL	GRAY
GROUND	GREEN

ELECTRICAL ABBREVIATIONS

A / AB	ABOVE
AF	AMPERE FRAME
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AFI	ARC FAULT INTERRUPTER
AHJ	AUTHORITY HAVING JURISDICTION
AIC	AVAILABLE FAULT CURRENT
AMP	AMPERE
AP	ANNUNCIATOR PANEL
AT	AMPERE TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
BFG	BELOW FINISHED GRADE
BOD	BASIS OF DESIGN
CKT	CIRCUIT
COM	COMMUNICATION
CT	CURRENT TRANSFORMER
DN	DOWN
DWG	DRAWING
EDC	ENCLOSED CIRCUIT BREAKER
EDP	ELECTRICAL DATUM PLANE
EMG	EMERGENCY
ERMS	ENERGY REDUCING MAINTENANCE SWITCH
FACP	FIRE ALARM CONTROL PANEL
FAP	FIRE ALARM PANEL
GAP	GENERATOR ANNUNCIATOR PANEL
GEC	GROUNDING ELECTRODE CONDUCTOR
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
GFM	GROUND FAULT MONITOR
GFPE	GROUND FAULT PROTECTION OF EQUIPMENT
HP	HORSEPOWER
HZ	HERTZ
KVA	KILOVOLT-AMPERE
KW	KILOWATT
LEUD	LOCAL ELECTRICAL AND UTILITY DEPARTMENT
MCB	MAIN CIRCUIT BREAKER
MCS	MOLDED CASE SWITCH
MDP	MAIN DISTRIBUTION PANEL
MFG	MANUFACTURING
MFR	MANUFACTURER
MLO	MAIN LUG ONLY
MOCP	MAIN OVERCURRENT PROTECTION
N.C.	NORMALLY CLOSED
N.O.	NORMALLY OPEN
OH	OVERHEAD
PH / Ø	PHASE
PNL	PANEL
PPC	PORTABLE POWER CABLE
RECIRC	RECIRCULATING / RECIRCULATION
RECPCT	RECEPTACLE
SCH	SCHEDULE
SER	SERVICE ENTRANCE RATED
SPD	SURGE PROTECTIVE DEVICE
ST	SHUNT TRIP
TEL	TELEPHONE
TYP	TYPICAL
U / UC	UNDER / UNDER CABINET
UG	UNDERGROUND
UN	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
US	UNDERSLAB
UW	UNDERWATER
V	VOLT
VA	VOLT-AMPERE
W	WATT
WR	WEATHER-RESISTANT
WRI	WEATHER-RESISTANT, IN-USE

CALL BEFORE YOU DIG

THE CONTRACTOR SHALL NOTIFY ALL UTILITIES INCLUDING AND NOT LIMITED TO GAS, WATER, ELECTRIC, CABLE, AND TELEPHONE COMPANIES PRIOR TO ANY EXCAVATION. THE CONTRACTOR SHALL NOTIFY ONE-CALL SERVICE (CALL 811) SEVENTY-TWO (72) HOURS AS REQUIRED BY LAW BEFORE ANY EXCAVATION, AT ANY LOCATION.



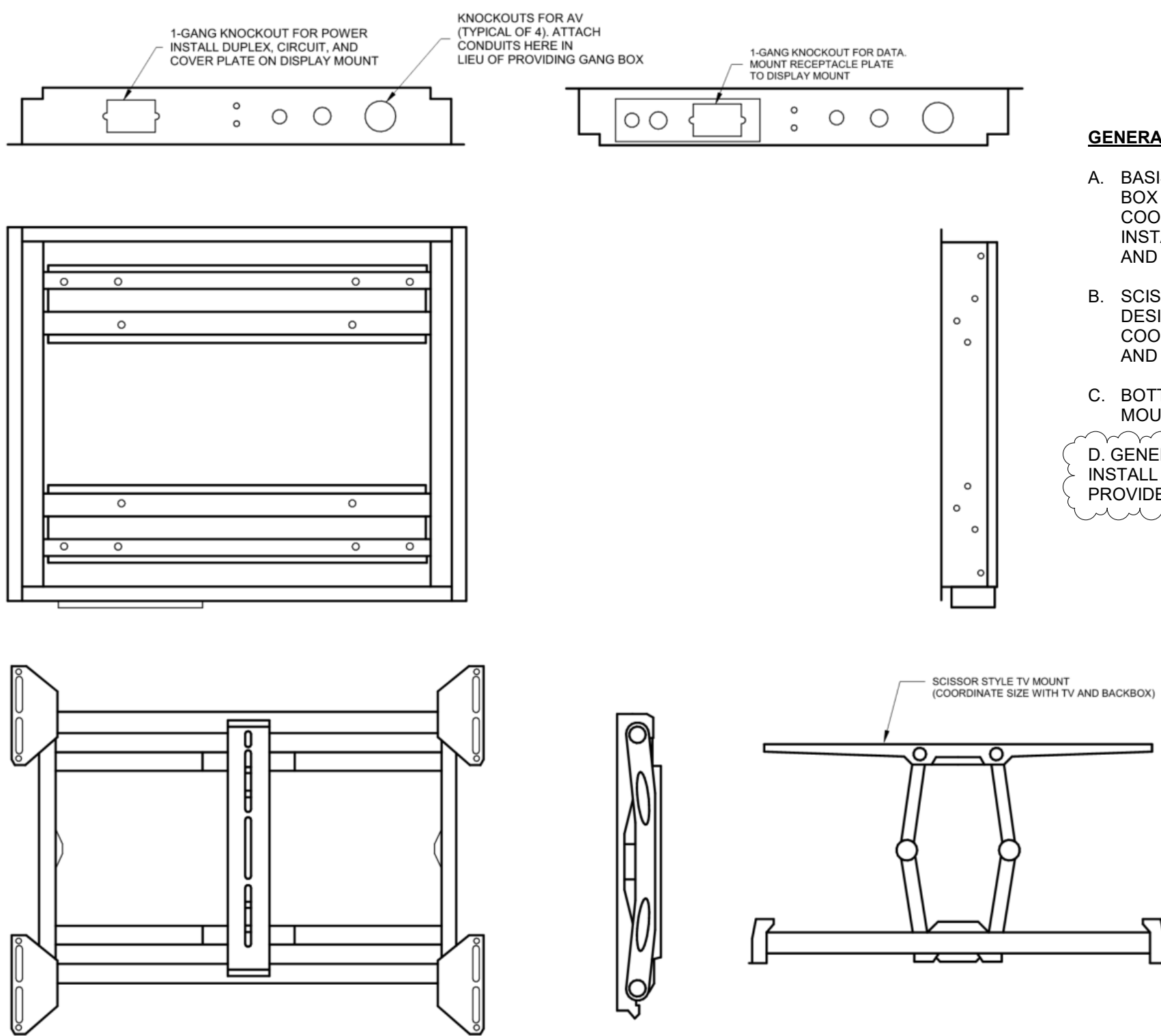
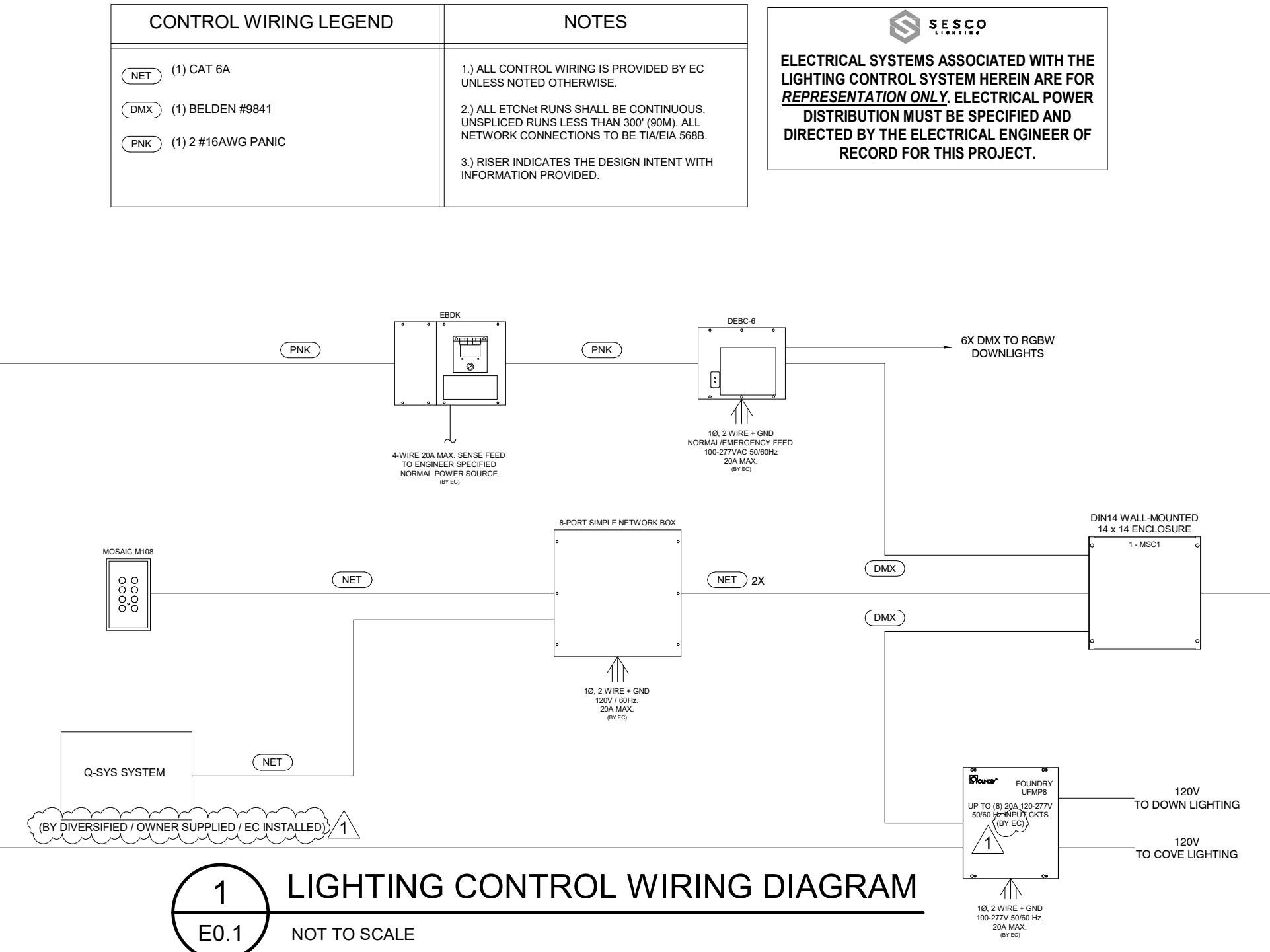
ELECTRICAL GENERAL NOTES

- INSTALLATION SHALL COMPLY WITH ALL APPLICABLE CURRENTLY ADOPTED CODES AT THE TIME OF THE PLAN DATE, INCLUDING (BUT NOT LIMITED TO) THE FOLLOWING:
 - NFPA 70 NATIONAL ELECTRIC CODE (NEC)
 - NFPA 72 NATIONAL FIRE ALARM CODE
 - INTERNATIONAL ENERGY CONSERVATION CODE (IECC)
 - INTERNATIONAL BUILDING CODE (IBC)
 - APPROVED INDEPENDENT TESTING LABORATORY
 - NEMA
- ELECTRICAL SYSTEM(S) SHALL BE INSTALLED COMPLETE WITH ALL WORK, MATERIALS, AND EQUIPMENT CUSTOMARILY CONSIDERED PART OF SUCH WORK FOR A FULLY OPERATIONAL, COMPLETE, AND CODE COMPLIANT SYSTEM.
- PLANS ARE DIAGRAMATIC AND ARE PROVIDED ONLY TO SHOW GENERAL SYSTEM. CONTRACTOR SHALL CONSIDER ACTUAL FIELD CONDITIONS DURING INSTALLATION. ANY GROSS INTERFERENCE SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE CONTINUING.
- COMPLETE ELECTRICAL SYSTEMS SHALL BE TESTED FOR COMPLIANCE AND FUNCTION IN ACCORDANCE WITH LOCAL INSPECTIONS AND NATIONAL CODE REQUIREMENTS.
- PROVIDE COMPLETE AND COMPLIANT EQUIPMENT AND SYSTEM GROUNDING THROUGHOUT ELECTRICAL INSTALLATION. INSTALL BONDING JUMPERS TO OUTLET BOXES IN METALLIC CONDUIT SYSTEMS.
- ALL 3Ø CIRCUITS SHALL HAVE A-B-C PHASE ROTATION. ALL 3Ø ELECTRICAL SWITCHGEAR, SWITCHBOARDS, MCC'S, AND SIMILAR EQUIPMENT SHALL HAVE A-B-C PHASE ROTATION FROM LEFT TO RIGHT. REFER TO THE POWER WIRING COLOR CODE ON THIS SHEET.
- WITH ALL LIGHTING AND MOTOR LOADS OPERATING, CONTRACTOR SHALL VERIFY THAT THE PHASE BALANCE IN EACH PANEL IS WITHIN 5%.
- VERIFY AVAILABLE CIRCUIT CURRENT WITH ELECTRICAL POWER SUPPLIER.
- VERIFY ALL ELECTRICAL REQUIREMENTS WITH EQUIPMENT MANUFACTURERS. COORDINATE WITH MECHANICAL, PLUMBING, AND GENERAL CONTRACTORS.
- ALL EXTERIOR EQUIPMENT SHALL BE NEMA 3R RAINTIGHT.
- FIRE-STOPPING SYSTEM SHALL BE INSTALLED AT ALL PIPING PENETRATIONS THROUGH FIRE-RATED WALLS, CEILINGS, OR CONSTRUCTION.
- CONTRACTOR SHALL FIELD VERIFY THAT ALL RUNS OF SERVICE ENTRANCE OR FEEDER CONDUCTORS FOR EACH CIRCUIT FOLLOW THE SAME PATH AND ARE OF EQUAL LENGTH.
- CONDUIT SUBJECT TO THERMAL EXPANSION OF MORE THAN 1/4" OVER A TEMPERATURE RANGE OF 100° F SHALL BE INSTALLED WITH AN EXPANSION FITTING. ALL SUPPORTS SHALL BE LOOSE ENOUGH TO ALLOW THE CONDUIT TO EXPAND AND CONTRACT WITH TEMPERATURE CHANGE. CAREFUL CONSIDERATION SHALL BE MADE TO THE TEMPERATURE AT THE TIME OF INSTALLATION AND THE POSITION OF THE EXPANSION FITTING. FOR EXAMPLE:
 - IF THE TEMPERATURE IS 30° F, THEN THE EXPANSION FITTING SHOULD BE INSTALLED IN THE CLOSED POSITION.
 - IF THE TEMPERATURE IS 85° F, THEN THE EXPANSION FITTING SHOULD BE INSTALLED MORE IN THE OPEN POSITION. FOR PVC CONDUIT, REFER TO NEC ARTICLE 352.44 FOR EXPANSION CHARACTERISTICS.
- WHERE A20 BRANCH CIRCUIT HOME RUNS ARE LONGER THAN 50', USE A30 WIRE FROM PANEL TO FIRST OUTLET OR FIXTURE.
- THE DESIGN INTENT OF THE ENGINEER IS FOR EACH CIRCUIT TO BE INSTALLED IN A SINGLE CONDUIT OR RACEWAY. IT SHALL BE PERMITTED TO INSTALL MULTIPLE CIRCUITS CONSISTING OF #10 OR SMALLER IN A SINGLE CONDUIT OR RACEWAY, CONTINGENT UPON THE CODE COMPLIANCE OF THE INSTALLATION.
- LOCATE DEVICE BOXES ON OPPOSITE SIDES OF FIRE WALLS A MINIMUM HORIZONTAL DISTANCE OF 24" APART. IF MOUNTED CLOSER, FIRE RATING SHALL BE MAINTAINED.
- CONTRACTOR SHALL LABEL ALL RECEPTACLES WITH THE PANEL AND CIRCUIT NUMBER POWERING THE DEVICE. USE THE FORMAT " [PANEL NAME] - [CIRCUIT #] ". THE LABEL SHALL BE PLACED ON THE FACEPLATE AS PRACTICAL.
- COORDINATE FINAL LOCATIONS OF ALL SWITCHES AND OUTLETS WITH OWNER. OWNER SHALL RETAIN RIGHT TO MAKE MINOR LOCATION ADJUSTMENTS PRIOR TO EQUIPMENT INSTALLATION WITHOUT ADDITIONAL COST.
- LOCATE ALL LIGHT FIXTURES ACCORDING TO REFLECTED CEILING PLAN. COORDINATE MOUNTING REQUIREMENTS WITH CEILING TYPE SPECIFIED BY ARCHITECT. MAINTAIN ALL WALL AND CEILING FIRE RATINGS.
- ELECTRICAL WORK SHALL INSTALL CIRCUITS TO HVAC CONTROLLERS AND HVAC EQUIPMENT. MECHANICAL WORK SHALL TERMINATE CONDUCTORS WITHIN HVAC EQUIPMENT.
- THE AMPACITY, VOLTAGE, AND PHASE OF ALL DISCONNECTS SHALL BE RATED PER THE SPECIFIED CIRCUIT AND UPSTREAM OVERCURRENT PROTECTION UON. THE ENCLOSURE NEMA RATING SHALL BE COORDINATED AS REQUIRED BY THE ENVIRONMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UTILITY FEES AND CHARGES FOR INSTALLATION AND UTILITY UPGRADES FOR PROJECT. COORDINATE EXACT SIZES AND QUANTITIES OF LUGS WITH CONDUCTORS THAT WILL BE INSTALLED.
- IF DISCREPANCIES EXIST WITHIN THE PLANS AND/OR SPECIFICATIONS, THE MOST STRINGENT SHALL APPLY AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BRING IT TO THE ATTENTION OF THE ENGINEER BEFORE WORK IS STARTED OR MATERIAL/EQUIPMENT IS ORDERED.
- THE PLANS AND SPECIFICATIONS FOR THIS WORK HAVE BEEN PREPARED WITH THE INTENT TO BE AS ACCURATE AND COMPLETE AS PRACTICAL, BUT ERRORS, OMISSIONS, AND CONFLICTS MAY EXIST. PRIOR TO SUBMITTING A BID FOR CONSTRUCTING THE WORK, THE CONTRACTOR SHALL REVIEW THE PLANS AND SPECIFICATIONS IN DETAIL. ANY QUESTIONS OR COMMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO SUBMITTING A BID. BY SUBMITTING A BID FOR THE WORK, THE CONTRACTOR ACKNOWLEDGES THAT HE HAS REVIEWED THE PLANS AND SPECIFICATIONS, UNDERSTANDS THE DESIGN INTENT, AND DOES NOT HAVE ANY FURTHER QUESTIONS OR COMMENTS.
- CONTRACTOR SHALL WARRANTY ALL SYSTEMS FOR PARTS, EQUIPMENT, MATERIAL, AND LABOR FOR A MINIMUM PERIOD OF ONE YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION UNLESS OTHERWISE NOTED IN THE PLANS AND/OR SPECIFICATIONS.
- THE OWNER AND/OR OWNER'S REPRESENTATIVE SHALL INSPECT THE INSTALLATION AT SUBSTANTIAL COMPLETION AND AT ONE YEAR FROM SUBSTANTIAL COMPLETION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORRECTIONS THAT DO NOT CONFORM TO THE CODE AND/OR THE CONTRACT DOCUMENTS.
- SUBMITTAL REQUIREMENTS: CONTRACTOR SHALL PREPARE AND SUBMIT TO THE ENGINEER FOR REVIEW AND APPROVAL DETAILED PRODUCT INFORMATION ON ALL EQUIPMENT INCORPORATED IN THE PROJECT RELATED TO THE SPECIFIC CONTRACTOR TRADE. SUBMITTAL SHALL BE PROVIDED, AND ENGINEER SHALL REVIEW AND APPROVE. PRIOR TO EQUIPMENT PURCHASE, FOUR COPIES OF SUBMITTALS SHALL BE PROVIDED TO THE ENGINEER. TWO COPIES SHALL BE RETURNED TO THE CONTRACTOR. CONTRACTOR OR OWNER SHALL REVIEW AND CERTIFY BY SIGNATURE THE SUBMITTED EQUIPMENT MEETS SPECIFICATION. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DIMENSIONS, FITTINGS, AND CONSTRUCTION FEATURES RELATIVE TO EQUIPMENT. APPROVAL OF SUBMITTAL INFORMATION BY THE ENGINEER ONLY REFERS TO MATERIALS, DESIGN, AND ADHERENCE TO SPECIFICATIONS. "APPROVED EQUAL" MEANS THE CONTRACTOR SHALL SUBMIT A REQUEST FOR ALTERNATE EQUIPMENT AND/OR MATERIAL FOR ENGINEER'S REVIEW AND APPROVAL. THE CONTRACTOR SHALL NOT ASSUME THE ALTERNATE WILL BE APPROVED.
- WHERE CONDUCTORS HAVE BEEN UPSIZED FOR VOLTAGE DROP, IT IS THE CONTRACTOR'S RESPONSIBILITY TO DOWNSIZE THE CONDUCTOR AT THE TERMINATION POINT IN ORDER TO LAND ON THE LUGS OF THE BREAKER.

ELECTRICAL MATERIALS SCHEDULE

- ALL NONMETALLIC MATERIAL TO BE UV-RESISTANT
- MC-MX PERMITTED AS FOLLOWS:
 1. WHEN USED FOR P WIRING TO EXTEND BRANCH CIRCUITS TO LIGHTING

DESCRIPTION	MATERIAL	STANDARDS	REMARKS
SWITCHES	SAFETY SWITCHES	GENERAL DUTY TYPE #	UL 98
BOXES	PULL / JUNCTION / OUTLET BOX	GALVANIZED STEEL	UL 731A
RECEPTACLES	DUPLEX RECEPTACLES	NEMA 5-20R 20-AMP 125-VOLT	UL 498
WIRE / CABLE	#10 & SMALLER	600-VOLT THHN / THWN	UL 83
	#8 & LARGER	600-VOLT 3THHN / THWN	UL 83
	FIXTURE CONDUCTORS	105°C 600-VOLT THHN / THWN	UL 83
	MC-MX	METAL-CLAD CABLE	
CONDUIT	RIGID	GALVANIZED STEEL	HH 9359
	PVC	RIGID POLYVINYL CHLORIDE SCHEDULE 40 & 80	NEMA TC-2
	EMT	ELEC. METALLIC TUBING GALVANIZED DUCTILE STEEL	HE 8141
CONDUIT HANGERS	UP TO 3/4"	GALVANIZED STEEL	
	1" TO 1-1/2"		
	1-3/4" & UP		

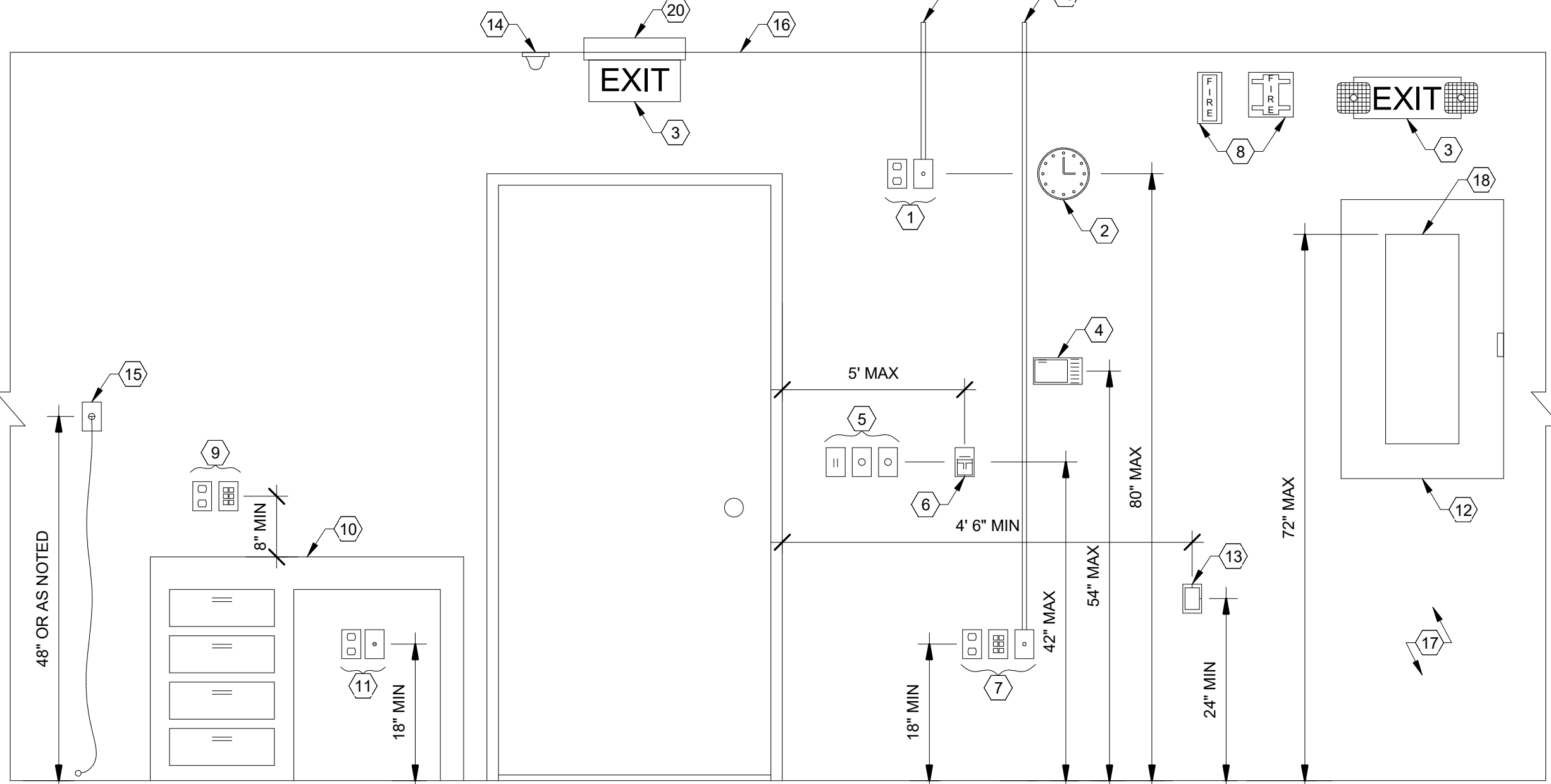


2 TV BACKBOX MOUNTING DTL

E0.1 NOT TO SCALE

ELECTRICAL NOTES

- GENERAL NOTES
- MOUNTING HEIGHTS OF DEVICE BOXES MAY BE ADJUSTED IN MASONRY WALLS TO HAVE TOP OR BOTTOM EDGE OF DEVICE TO LINE UP WITH A JOINT.
 - SEE FLOOR PLANS FOR LOCATION OF DEVICES.
 - FOR REFERENCE ONLY. NOT ALL DEVICES INCLUDED IN THIS PROJECT. COORDINATE WITH PLANS.
- NUMBERED NOTES
- 120V RECEPTACLE, TELEVISION OUTLET.
 - CLOCK, COORDINATE WITH ARCHITECTURAL AND POWER REQUIREMENTS.
 - EXIT AND/OR EMERGENCY LIGHTING.



3 DEVICE MOUNTING DTL

E0.1 NOT TO SCALE

INVERTER SCHEDULE					
LABEL	MANUFACTURER	MODEL	RATING	ENCLOSURE	INPUT
I1	BEGHELLI	V5TMAX375WUNV	375W	TYPE 1	120V



P.O. BOX 1026
CROSSVILLE, TN 38557
Ph. 931-484-7541
www.uplanddesigngroup.com

113 JEFFERSON AVE., STE 101
COOKEVILLE, TN 38501
TEL. (931) 526-5143
www.maffett-loftis.com

Tech Pride Room Renovation
Roaden University Center
Tennessee Technological University
TTU Project No. 27-009

LOCATION
Cookeville, Tennessee

OWNER
Tennessee Technological University

SEAL

COPYRIGHT
THIS DRAWING, THE STYLIZED "UDG" LOGO, AND THE DISTINCTIVE TYPEFACE & ARRANGEMENT COPYRIGHT (C) 2023 BY UPLAND DESIGN GROUP, INC. ALL RIGHTS RESERVED. THIS DRAWING IS THE PROPERTY OF UPLAND DESIGN GROUP, INC. AND MAY NOT BE USED, REUSED, COPIED IN ANY FORM, SOLD, DISPLAYED, MODIFIED WITHOUT WRITTEN PERMISSION.

REVISIONS

NO.	DESCRIPTION	DATE
1	ADDENDUM 1	2026-10-23

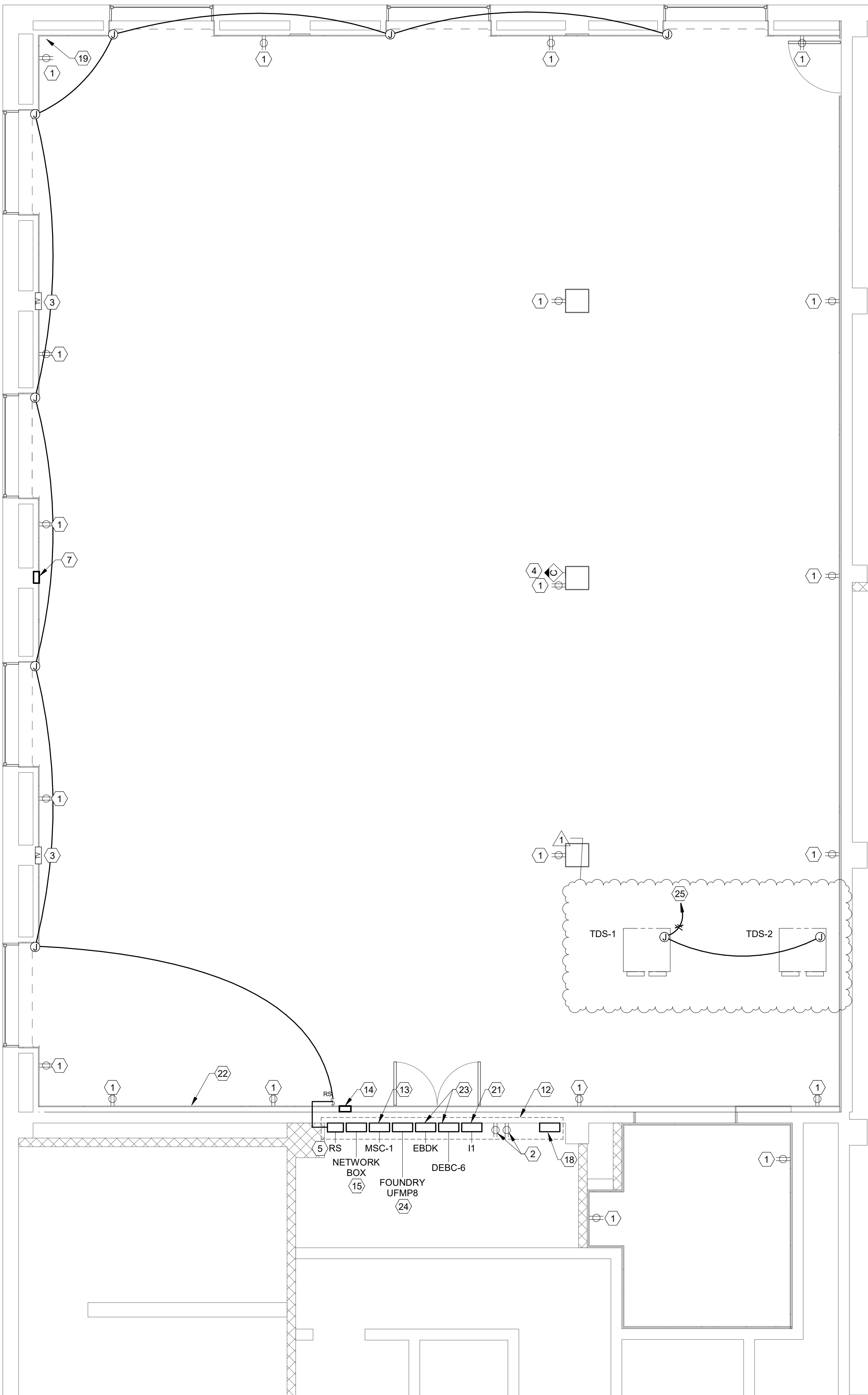
JOB NO. 2346i
MLE: 25027

ISSUE DATE 2026-09-04

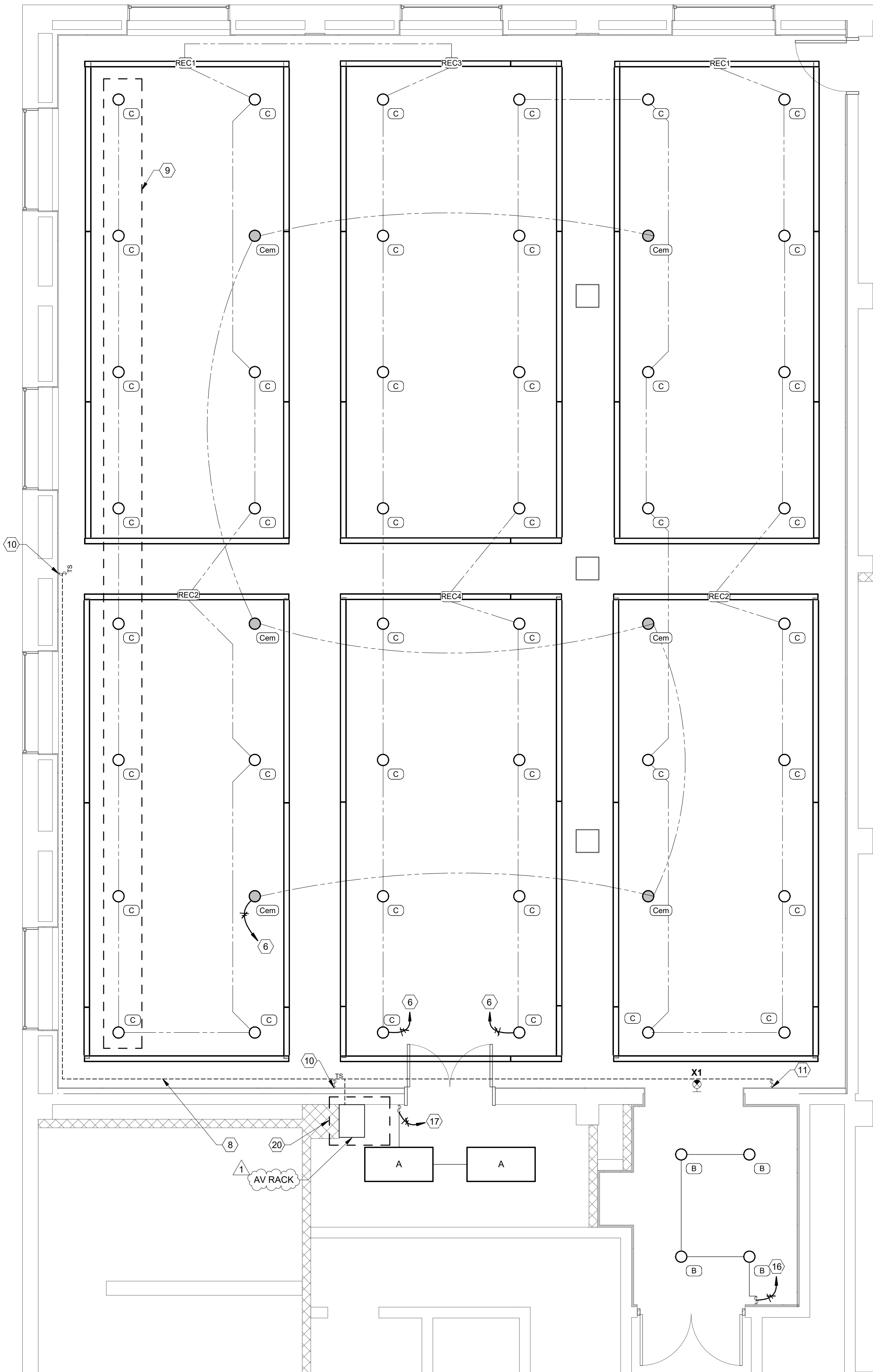
SHEET TITLE ELECTRICAL NOTES, SCHEDULES, AND LEGENDS

DRAWN JLC
REVIEW GDL

E0.1



1 TECH PRIDE ROOM POWER PLAN
SCALE: 1/4" = 1'-0" (WHEN PRINTED FULL SCALE ON 30"x42")



2 TECH PRIDE ROOM LIGHTING PLAN
SCALE: 1/4" = 1'-0" (WHEN PRINTED FULL SCALE ON 30"x42")

LIGHTING FIXTURE SCHEDULE

NOTES: A. HATCHING ON PLANS INDICATES ILLUMINATED SIDES OF EXIT LIGHT - SEE PLANS FOR CHEVRONS						
LABEL	MANUFACTURER	MODEL	MOUNTING	LAMP	DESCRIPTION	WATTS
A	DAY-BRITE	2FPZ30L840-4-DS-UNV-DIM	RECESSED	LED	2'x4' LINEAR FIXTURE 3000lm 4000K	30
B	LIGHTOLIER	M6RDL109CSMCDZ10U-4RNSR	RECESSED	LED	6" CAN LIGHT	13
C	METEOR LIGHTING	RS4R-50-308C-120-DMXP-55-WHT	RECESSED	LED	RGBW CAN LIGHT	50
Cem	METEOR LIGHTING	RS4R-50-308C-120-DMXP-55-WHT	RECESSED	LED	RGBW CAN LIGHT WITH EMERGENCY INVERTER CONNECTION	50
REC1	FINELITE	HP-4-R-D-REC12X28-S-RGBW8-F-96LG-120-SC-ELD-DMX-SW8-C3F-FE-SW	RECESSED	LED	RGBW LINEAR FIXTURE	292
REC2	FINELITE	HP-4-R-D-REC12X27-S-RGBW8-F-96LG-120-SC-ELD-DMX-SW8-C3F-FE-SW	RECESSED	LED	RGBW LINEAR FIXTURE	281
REC3	FINELITE	HP-4-R-D-REC13X28-S-RGBW8-F-96LG-120-SC-ELD-DMX-SW8-C3F-FE-SW	RECESSED	LED	RGBW LINEAR FIXTURE	296
REC4	FINELITE	HP-4-R-D-REC13X27-S-RGBW8-F-96LG-120-SC-ELD-DMX-SW8-C3F-FE-SW	RECESSED	LED	RGBW LINEAR FIXTURE	289
X1	BEGHELLI	BRUHTLGUM		LED	EDGE-LIT EXIT LIGHT WITH EMERGENCY INVERTER CONNECTION COORDINATE SIDES AND CHAMFERS WITH PLANS	5

ELECTRICAL NOTES

NUMBERED NOTES

- PROVIDE AND INSTALL MUD RINGS AS REQUIRED TO EXTEND THE RECEPTACLE FACEPLATE FLUSH WITH THE NEW GYPSUM WALL SURFACE. EXTEND EXISTING CONDUCTORS AS NEEDED AND RECONNECT TO EXISTING CIRCUITRY WHERE PRACTICAL. FIELD VERIFY EXACT LOCATIONS.
- DEDICATED DUPLEX RECEPTACLE FOR AV RACK. ROUTE A20 CONDUCTORS FROM NEAREST 120V PANEL WITH ADEQUATE SPACE AND AMPACITY. INSTALL 20A 1 POLE BREAKER.
- TV BACKBOX, SEE DETAIL 2 E0.1 FOR ADDITIONAL INFORMATION. STUB UP (2) 1-1/4" CONDUIT FROM BACKBOX TO ABOVE ACCESSIBLE CEILING AS WELL AS INSTALL NEW DUPLEX RECEPTACLE AT TV BACKBOX.
- PTZ CAMERA. INSTALL SINGLE GANG BOX AT 84" AFF. STUB UP (1) 1" CONDUIT TO ABOVE ACCESSIBLE CEILING. COORDINATE EXACT POWER REQUIREMENTS WITH MANUFACTURER. ADD RECEPTACLE MOUNTED HIGH IF NECESSARY. INSTALL CAT6A CABLE BACK TO NEAREST IT SPACE THAT HAS THE REQUIRED CAMERA EQUIPMENT. ROLLER SHADE POWER PANEL. CONTRACTOR SHALL VERIFY EXACT QUANTITIES OF POWER PANELS AND REQUIRED CIRCUITS WITH ARCHITECT AND ROLLER SHADE MANUFACTURER. ALL EXISTING ROLLER SHADES SHALL BE DEMOED AND REPLACED.
- CONTRACTOR SHALL INSTALL A20 CONDUCTORS FROM FOUNDRY PANEL TO LIGHT FIXTURES AS SHOWN. SEE CONTROL DIAGRAM ON E0.1 FOR ADDITIONAL INFORMATION. DMX CABLE AND POWER WIRING SHALL BE INSTALLED IN SEPARATE EMT CONDUITS.
- 8"x8" RECESSED BOX. STUB UP (2) 1-1/4" CONDUITS FROM BOX TO ABOVE ACCESSIBLE CEILING. COORDINATE EXACT LOCATION WITH ARCHITECTURAL AND DIVERSIFIED. COVER PLATE SHALL BE PROVIDED AND INSTALLED BY DIVERSIFIED. BID ALTERNATE TO MOVE 8"x8" TO FLOOR BOX.
- CAT6A CABLE ROUTED IN EMT CONDUIT ABOVE CEILING.
- ROW OF DOWNLIGHTS NEAREST PROJECTOR SCREEN SHALL BE PROGRAMMED TO TURN OFF AND SERVE AS TEACHING ZONE.
- QSYS TOUCHPAD FOR CONTROL OF LIGHTING PROVIDED BY DIVERSIFIED. COORDINATE WITH TTU FOR EXACT LOCATION ON WALL AND PODIUM. ELECTRICAL CONTRACTOR TO CONNECT NETWORK BOX TO QSYS SYSTEM. COORDINATE WITH MANUFACTURER.
- 8-BUTTON SCENE SWITCH. BASIS OF DESIGN IS MOSAIC MODEL NO. M108. COORDINATE SCENE PROGRAMMING WITH TTU.
- ALL EQUIPMENT WITHIN DASHED BORDER SHALL BE MOUNTED WITHIN UNDERNEATH AV RACK. EQUIPMENT SHOWN SIDE BY SIDE FOR CLARITY. COORDINATE EXACT MOUNTING REQUIREMENTS WITH FIELD CONDITIONS AND OWNER. EQUIPMENT MUST MAINTAIN ADEQUATE ELECTRICAL WORKSPACES.
- MOSAIC SHOW CONTROLLER. BASIS OF DESIGN IS ETC MSC1. COORDINATE EXACT MOUNTING LOCATION INSIDE AV RACK WITH TTU AND DIVERSIFIED. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
- INSTALL 8"x8" RECESSED BOX WITH (2) 1-1/4" CONDUITS. COORDINATE EXACT REQUIREMENTS WITH ARCHITECTURAL AND DIVERSIFIED. COVER PLATE SHALL BE PROVIDED AND INSTALLED BY DIVERSIFIED.
- SIMPLE NETWORK BOX. BASIS OF DESIGN IS ETC SNB8FP 4262A1008. COORDINATE EXACT MOUNTING LOCATION WITH TTU. PROVIDE 20A 120V CONNECTION FROM NEAREST PANEL WITH ADEQUATE SPACE.
- REUSE EXISTING CIRCUITRY AS PRACTICAL FOR VESTIBULE LIGHTING. REWORK AND EXTEND CIRCUITS AS REQUIRED.
- REUSE EXISTING CIRCUITRY AS PRACTICAL FOR STORAGE RM LIGHTING. REWORK AND EXTEND CIRCUITS AS REQUIRED.
- EXISTING SERVER RACK AND ASSOCIATED CABLING AND POWER SHALL BE MOVED TO THE SAME WALL AS THE OTHER EQUIPMENT.
- REMOVE SECURITY CAMERA AND RETURN TO OWNER. EXISTING DATA CABLE SHALL REMAIN.
- COORDINATE MOUNTING HEIGHT AND LOCATIONS OF EQUIPMENT.
- INVERTER FOR EMERGENCY LIGHTING. INSTALL PER MANUFACTURER'S INSTRUCTIONS. SEE INVERTER SCHEDULE ON E0.1.
- EXISTING CLOCK TO BE MOVED TO FUROUT. EXTEND WIRING AS REQUIRED.
- EMERGENCY BYPASS PROTECTION KIT AND CONTROLLER. INSTALL 120V NORMAL POWER SENSE. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
- FOUNDRY UFM8 LIGHTING RELAY PANEL.
- CONTRACTOR SHALL INSTALL A20 CONDUCTORS FROM 120V PANEL TO MECHANICAL EQUIPMENT CONTROL TRANSFORMER. INSTALL 20A SINGLE POLE BREAKER IN PANEL. COORDINATE EXACT INSTALLATION REQUIREMENTS WITH MECHANICAL PLANS AND EQUIPMENT MANUFACTURER.

GENERAL NOTES

- WIRE EXISTING EMERGENCY FIXTURES TO INVERTER I1.
- COORDINATE EXACT FIXTURE LOCATIONS WITH ARCHITECTURAL CEILING PLANS.
- CONTRACTOR SHALL REPLACE ALL LIGHT SWITCH AND RECEPTACLE FACE PLATES. COORDINATE ALL DEVICE FACE PLATE COLORS WITH ARCHITECT.
- MOVE FIRE ALARM DEVICES TO FUROUTS AND NEW CEILINGS.

P.O. BOX 1026
CROSSVILLE, TN 38557
Ph. 931 484 7541
www.uplanddesigngroup.com

**MAFFETT
LOFTIS
ENGINEERING, LLC**
15 JEFFERSON AVE. STE 101
COOKEVILLE, TN 38501
TEL: (931) 526-5143
www.maffett-loftis.com

Tech Pride Room Renovation
Roden University Center
Tennessee Technological University
TTU Project No. 27-009

LOCATION
Cookeville, Tennessee

OWNER
Tennessee Technological University

SEAL

COPYRIGHT
THIS DRAWING, THE STYLIZED "UDG" LOGO, AND THE DISTINCTIVE TYPEFACE & ARRANGEMENT COPYRIGHT (C) 2023 BY UPLAND DESIGN GROUP, INC. ALL RIGHTS RESERVED. THIS DRAWING IS THE PROPERTY OF UPLAND DESIGN GROUP, INC. AND MAY NOT BE USED, REUSED, COPIED IN ANY FORM, SOLD, DISPLAYED, MODIFIED WITHOUT WRITTEN PERMISSION.

NO.	DESCRIPTION	DATE
1	ADDENDUM 1	2026-10-23

JOB NO.
2346i
MLE: 25027

ISSUE DATE
2026-09-04

SHEET TITLE
ELECTRICAL POWER AND LIGHTING PLANS

DRAWN JLC	E1.1
REVIEW GDL	