EAST HOSPITAL

SAINT LUKE'S EAST HOSPITAL SUITE 300 REMODEL 20 NE SAINT LUKE'S BLVD. LEE'S SUMMIT, MO 64086

PROJECT TEAM

QUARRY BASE TILE

QUARRY TILE QUARTZ

RISER, RISERS

RESILIENT BASE

RESINOUS FLOOR

ROUGH OPENING

RESINOUS WALLCOVERING

RESILIENT SHEET FLOOR

RUBBER STAIR TREAD

STAINLESS STEEL SINK

SHOWER CURTAIN TRACK

SHOWER CURTAIN

SPECIALTY CEILING

SPECIFICATION

SPORTS FLOOR

SOLID SURFACE

STRUCTURE

SYSTEM

SUSPENDED

TACK BOARD

TOP OF CURB

TACK FABRIC

TEMPERED GLASS

TOILET PARTITION

TRANSITION STRIP

UPHOLSTERY

TERRAZZO FLOORING

TOP OF STEEL DECK

TEACHERS WARDROBE

VITREOUS CLAY PIPE

VINYL ENHANCED TILE

VINYL WALLCOVERING

VINYL QUARTZ TILE

VERTICAL GRAIN

VERTICAL

VESTIBULE

WAINSCOT

WOOD BASE WOOD CEILING

WOOD FLOOR WOOD PANELS

WOOD STAIN

WINDOW

WOOD VENEER

WINDOW FILM

WALK OFF MAT WALL PROTECTION

WINDOW WALL

WITHOUT

W/O

WATER HEATER

WALK OFF CARPET

WINDOW TREATMENT

WELDED WIRE MESH

WOOD

VINYL COMPOSITION TILE

UNLESS NOTED OTHERWISE

SWITCHBOARD

STAINI ESS STEFI

STAINED CONCRETE

STAINLESS STEEL CARINFT

STAINLESS STEEL COUNTERTOP

TEXTILE COMPOSITE FLOORING

SCHEDULE

SECTION

SHEET

SLIDING

RUBBER FLOOF

ROOF DRAIN REFER TO

REGISTER

REQUIRED

ROOFING

SCHED SCR

ARCHITECT ACI BOLAND, INC.

1710 WYANDOTTE STREET KANSAS CITY, MO 64108 PHONE 816.763.9600

MEP CONSULTANT

1600 Baltimore Ave, Suite 300 Kansas City, MO 64108 816.842.8437

ABBREVIATIONS AGGREGATE BASE COURS! AIR CONDITIONING GALVANIZED ABOVE FINISH FLOOR ARCHITECTURAL GLASS **GLASS WALL TILE ALTERNATE** ALUMINUM GYPSUM BOARD ACRYLIC PANEL ARCHITECTURAL SURFACE HOSE BIB HARDENER ACOUSTIC WALLCOVERING HARDWARE HARDWOOD **HOLLOW META** HOT WATER **BOTTOM OF** INTEGRAL BASE **BUMPER RAILS** BRUSHED CONCRETE INCH / INCHES INSULATION BASEMENT INTERIOR CERAMIC BASE TILE CUBICLE CURTAIN INTEGRAL SINK CUBICLE CURTAIN TRACK **JANITOR** CEMENT/CEMENTITIOUS JOIST CERAMIC FLOOR TILE KICK PLATE CONTROL JOINT LAVATORY CONSTRUCTION JOINT POUND CENTER LINE LINOLEUM LOCATION CLOSET COMPACT LAMINATE PANEL LOUVER CENTIMETER LUXURY VINYL TILE CONCRETE MASONRY UNIT LIGHT WEIGHT CONCRETE **CLEAN OUT** CONCRETE CONSTRUCTION MAXIMUM MECHANICAL MANUFACTURER **CULTURED STONE** CERAMIC WALL TILE MOULDING MASONRY OPENING MOVEABLE PARTITION DECORATIVE GLASS PANEL MFTAL TRIM METAL BASE DIAGONAL DIMENSION METAL LATH DISPENSER DAMP PROOFING DYED AND POLISHED NATURAL GRADE OBSCURE ON CENTER ELECTRIC FI EVATION OPENING OVFRALL **EXPANSION JOINT** OVERFLOW SCUPPER FOUIPMENT OVERELOW DRAIN EXISTING TO REMAIN OVERHEAD DOOR ELECTRIC WATER COOLER PORCELAIN BASE TILE

POLISHED CONCRETE

PORCELAIN FLOOR TILE

PLASTIC LAMINATE

POUNDS PER SQ FT

POUNDS PER SQ IN

PORCELAIN WALL TILE

PLYWOOD

PLASTER

PAINT DETAIL / PAINT WALL GRAPHIC

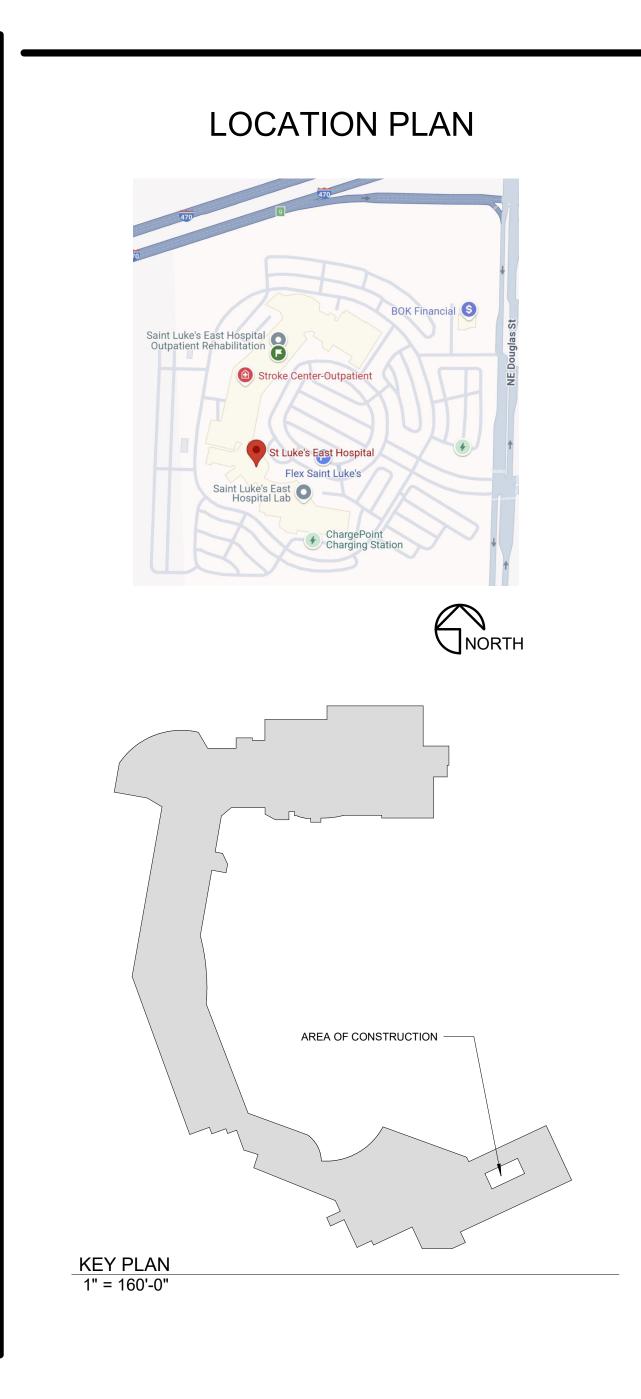
PAINT (No acronym after number always stands for

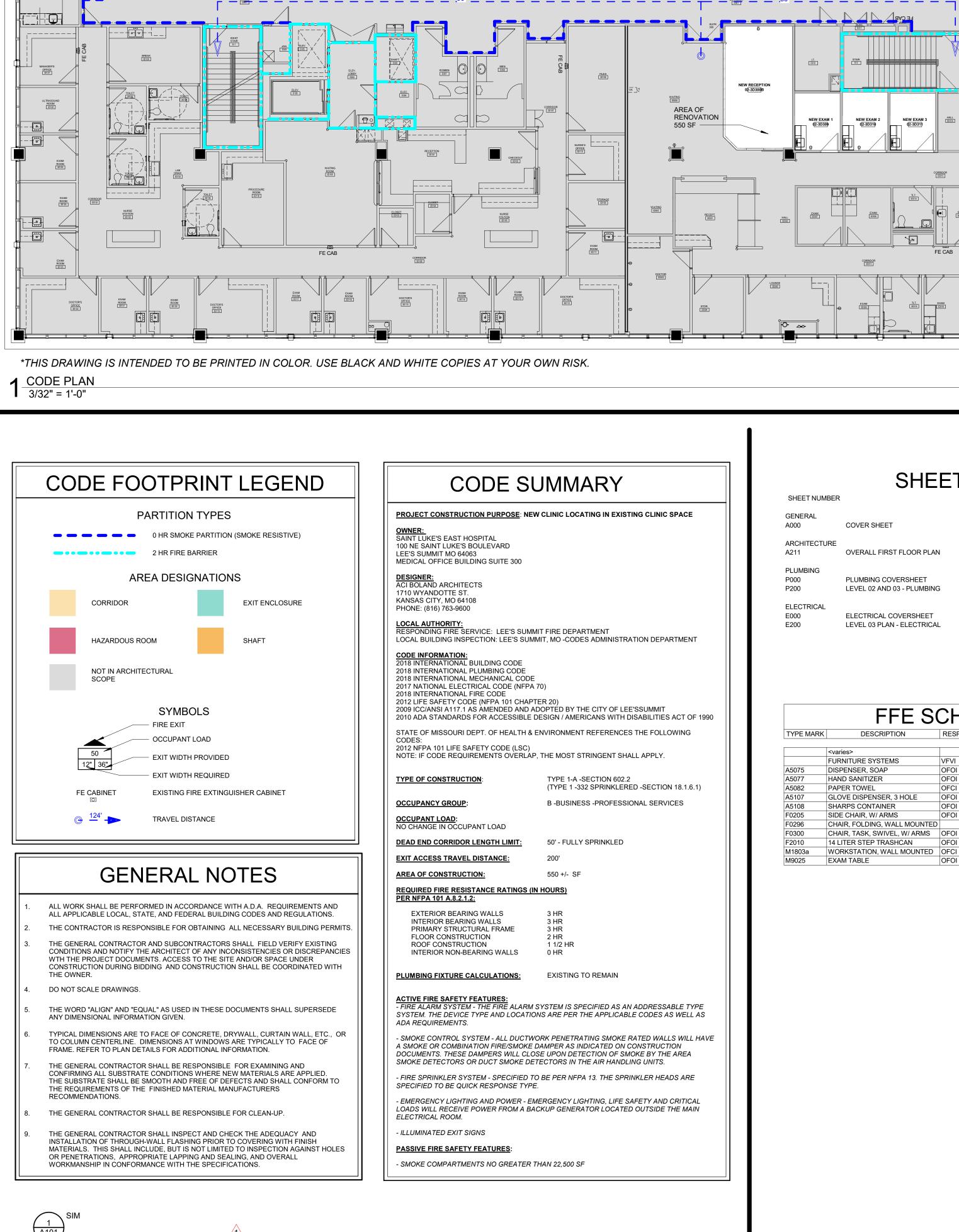
PAINT ('D' as needed per project if not listed above)

PAINT ('B' always stands for semi-gloss finish)

PAINT ('A' always stands for epoxy finish)

PAINT ('C' always stands for flat finish)





INTERIOR ELEVATION NORTH ARROW SYMBOL STANDARD VIEW TITLE

REVISION CLOUD

EXAMPLE

WALL SECTION SYMBOL

DETAIL BUBBLE

SYMBOLS

1/4" = 1'-0"

NUMBER SYMBOL

SECTIONAL DETAIL SYMBOL

BOLAND

MEP CONSULTAN

SHEET INDEX

OVERALL FIRST FLOOR PLAN PLUMBING COVERSHEET LEVEL 02 AND 03 - PLUMBING

> FFE SCHEDULE RESPONSIBILITY **BLOCKING AS REQUIRED** BLOCKING AS REQUIRED BLOCKING AS REQUIRED BLOCKING AS REQUIRED GLOVE DISPENSER, 3 HOLE BLOCKING AS REQUIRED BLOCKING AS REQUIRED BLOCKING AS REQUIRED

> > BLOCKING AS REQUIRED

 \circ \vee \supset $\supset \bigcirc$ \square

Job Number Drawn By Checked By

09.02.2025

3-25069

COVER SHEET

FIRE ALARM

FLOOR DRAIN

FIXTURE

FOUNDATION

FIELD VERIFY

FABRIC WALL PANEL

FIRE HOSE CAB

FIRE ALARM CONTROL PANEL

FIRE EXTINGUISHER CABINET

FIBERGLASS REINFORCED

2025 ACI/BOLAND, Inc

CONSTRUCTION

ARCHITECTS ACI/Boland, Inc.

1710 Wyandotte Kansas City, MO 64108 T: 816.763.9600 Licensee's Certificate of Authority Number:

Kansas City | St. Louis

Missouri: #000958

MEP CONSULTANT

1600 Baltimore Ave, Suite 300 Kansas City, MO 64108 816.842.8437 Licensee's Certificate of Authority Number:

#00127265

 \Box

Job Number

Drawn By Checked By

0

09.02.2025 3-25069

BRD

© 2025 ACI/BOLAND, Inc OVERALL FIRST FLOOR PLAN **VIEW KEY**

PROJECT 0'-0"

LINE TYPE AND TAG KEY:

NEW WORK BY THIS CONTRACTOR (WIDE LINE)

---- EXISTING TO BE REMOVED (SHORT DASHED PATTERN) — — NEW UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

EXISTING TO REMAIN OR WORK BY OTHERS (NARROW LINE)

---- EXISTING TO BE REMOVED BY OTHERS (SHORT DASHED PATTERN) — — EXISTING UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

ackslashM101egtharpoonupSHEET DETAIL IS LOCATED ON -------T101--

HALFTONING DOES NOT MODIFY SCOPE.

'TAG'-E TAGS WITH DASH 'E' INDICATES THE REFERENCED OBJECT IS EXISTING UNDERLINED TAG INDICATES OBJECT IS IN-SCOPE, IF NEW, ADDITIONAL INFORMATION IS AVAILABLE IN A SCHEDULE, MATERIAL LIST, OR SYMBOL LIST

INDICATES AN EXISTING SYSTEM'S POINT OF CONNECTION/REMOVAL

FIRE / SMOKE BARRIER DESIGNATIONS

FIRE AND SMOKE SEPARATIONS ARE NOT SHOWN ON THESE DOCUMENTS. CONTRACTOR SHALL REVIEW THE ARCHITECTURAL PLANS AND DETERMINE THE LOCATIONS OF ALL FIRE AND SMOKE PARTITIONS, BARRIERS, AND WALLS. THIS INCLUDES FLOOR RATINGS. PRICING SHALL INCLUDE ALL MATERIALS AND LABOR REQUIRED TO MAINTAIN THE RATINGS OF ALL RATED SEPARATIONS. WHETHER SHOWN ON THE ENGINEERING PLANS OR NOT.

	CONTRACTOR ABBREVIATION KEY		
ABBR:	DESCRIPTION:		
A.C.	ASBESTOS ABATEMENT CONTRACTOR		
A.V.C.	AUDIO/VISUAL CONTRACTOR		
C.C.	CIVIL CONTRACTOR		
C.M.	CONSTRUCTION MANAGER		
E.C.	ELECTRICAL CONTRACTOR		
F.P.C.	FIRE PROTECTION CONTRACTOR		
F.S.C.	FOOD SERVICE CONTRACTOR		
G.C.	GENERAL CONTRACTOR		
H.C.	HEATING CONTRACTOR		
M.C.	MECHANICAL CONTRACTOR		
N.C.C.	NURSE CALL CONTRACTOR		
P.C.	PLUMBING CONTRACTOR		
S.C.	SECURITY CONTRACTOR		
T.C.	TECHNOLOGY CONTRACTOR		
T.C.C.	TEMPERATURE CONTROLS CONTRACTOR		
V.C.	VENTILATION CONTRACTOR		

	PLUMBING ABBREVIATION KEY			
ABBR:	DESCRIPTION:			
AD	ACCESS DOOR			
AFF	ABOVE FINISHED FLOOR			
BFP	BACKFLOW PREVENTER			
ВТ	BATHTUB			
СВ	CATCH BASIN			
CI	CAST IRON			
CO	CLEANOUT			
CS	CLINICAL SINK			
DB	DIALYSIS BOX			
DF	DRINKING FOUNTAIN			
DI	DUCTILE IRON			
DN	DOWN			
Е	EXISTING			
EE	EMERGENCY EYEWASH			
ES	EMERGENCY SHOWER			
ESE	EMERGENCY SHOWER/EYEWASH			
EWC	ELECTRIC WATER COOLER			
FCO	FLOOR CLEANOUT			
FD	FLOOR DRAIN			
FM	FLOW METER			
FS	FLOOR SINK			
GD	GARBAGE DISPOSER			
GI	GREASE INTERCEPTOR			
НВ	HOSE BIBB			
I.E.	INVERT ELEVATION (FOR REFERENCE ONLY)			
L or LAV	LAVATORY			
MB	MOP BASIN			
МН	MANHOLE			
MV	MIXING VALVE			
NIC	NOT IN CONTRACT			
NT	NEUTRALIZATION TANK			
os	OIL SEPARATOR			
RD	ROOF DRAIN			
SCCR	SHORT CIRCUIT CURRENT RATING			
SH	SHOWER			
SK	SINK			
SS	SERVICE SINK			
TD	TRENCH DRAIN			
TP	TRAP PRIMER			
TYP	TYPICAL			
UR	URINAL			
VTR	VENT THROUGH ROOF			
WC	WATER CLOSET			
WCO	WALL CLEANOUT			
WF	WASH FOUNTAIN			
WH	WATER HEATER			
WMF	WATER REATER WASHING MACHINE FIXTURE			
	WASHING MACHINE FIXTURE WATER METER			
\//N/I	VVAILN WEIEN			
WM WS	WATER SOFTENER			
WS	WATER SOFTENER			
	WATER SOFTENER UTILITY BOX UNLESS OTHERWISE NOTED			

SYMBOL LIST - PIPE ACCESSORIES		
SYMBOL	DESCRIPTION	
岧	BALANCING VALVE	
→-	PIPE DOWN AND PIPE UP / UP AND DOWN	
D	REDUCER	
×	SHUTOFF VALVE	

	SYMBOL LIST - PLUMBING SYSTEMS			
SYMBOL	IBOL DESCRIPTION			
CW	COLD WATER - POTABLE			
HW	HOT WATER - POTABLE			
HWC	HOT WATER CIRCULATING - POTABLE			
SAN	SANITARY DRAINAGE			
V	VENT			

PLUMBING MATERIAL LIST

TAG NAME

SK-1 SINK

TAG NAME	DESCRIPTION	MANUFACTURER AND MODE
	SINK - PROVIDED AND INSTALLED BY GENERAL CONTRACTOR; TRIM, STRAINER AND TAILPIECE PROVIDED AND INSTALLED BY PLUMBING CONTRACTOR.	SINK TRIM - CHICAGO FAUCE (895-317GN2FCXKABCP)
	SINK TRIM - TWO HANDLE MIXING FAUCET, BRASS CONSTRUCTION, INTEGRAL CAST BODY, CHROME-PLATED FINISH, GOOSENECK RIGID/SWING SPOUT, NOMINAL 6" REACH, LAMINAR FLOW OUTLET, 4" WRISTBLADE HANDLES AT 4" CENTERS, 1/4-TURN OPERATION CERAMIC DISC CARTRIDGES.	
	MAXIMUM FLOW TO BE 1.5 GPM. PROVIDE RESTRICTIVE DEVICE AS REQUIRED.	
	ACCESSORIES - 1-1/2" 17 GAUGE CHROME-PLATED BRASS TAILPIECE AND P-TRAP, PERFORATED TYPE 304 STAINLESS STEEL GRID STRAINER, QUARTER-TURN BALL VALVE TYPE 3/8" CHROME-PLATED BRASS ANGLE SUPPLIES WITH LOOSE KEY STOPS, CHROME-PLATED SOFT COPPER SUPPLY	

PLUMBING ROUGH-IN SCHEDULE

DESCRIPTION

NOTES: (APPLIES TO ALL PLUMBING FIXTURES LISTED BELOW) I) SIZES SHOWN ARE MINIMUMS. LARGER SIZES SHOWN ON THE DRAWING SHALL DICTATE THE ROUGH-IN SIZE. 2) SANITARY RISERS UP IN WALL TO FIXTURES SHALL BE A MINUMUM OF 2". 3) DOMESTIC WATER BRANCH PIPING OUTSIDE OF THE WALL/CHASE SHALL BE A MINIMUM OF 3/4" UNLESS NOTED OTHERWISE. ONLY THE FINAL RISE-DROP SHALL BE SMALLER. 4) FINAL SANITARY SIZE SHALL MATCH P-TRAP SIZE (REFER TO MATERIAL LIST).

TRAP CW HW SAN VENT

1/2" 1/2" 1 1/2" 1 1/2"

MECHANICAL RENOVATION NOTES:

THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, MEDICAL GAS, VENTILATION, PIPING AND TEMPERATURE

- 1. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS, EXISTING BUILDING DOCUMENTS, AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS BEFORE PROCEEDING.
- 2. NOT ALL EXISTING DUCTWORK AND PIPING IS SHOWN. VERIFY EXISTING CONDITIONS BEFORE STARTING WORK. NOTIFY ENGINEER OF ANY CONFLICTS WITH NEW WORK. FIELD VERIFY THE AVAILABLE CLEARANCES FOR DUCTWORK AND PIPING BEFORE

FABRICATION. RISES AND DROPS MAY BE NECESSARY BECAUSE OF EXISTING FIELD

- 4. EACH CONTRACTOR SHALL FIELD VERIFY ACCESSIBILITY TO THE AREA OF THEIR WORK AND SHALL NOTIFY THE GENERAL CONTRACTOR PRIOR TO BIDDING IF OTHER UTILITIES ARE
- REQUIRED TO BE REMOVED OR RELOCATED TO ALLOW ACCESS TO THEIR AREA OF WORK. 5. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CUTTING, REMOVAL AND PATCHING OF ROOFS, WALLS, AND FLOORS ASSOCIATED WITH WORK BY ALL CONTRACTORS.
- CONTRACTORS SHALL NOTIFY THE GC OF AFFECTED AREAS PRIOR TO BIDDING. 6. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF CEILINGS, CEILING TILES, AND CEILING GRIDS ASSOCIATED WITH AREAS OF WORK BY ALL
- CONTRACTORS. NOTIFY THE GENERAL CONTRACTOR OF AFFECTED AREAS PRIOR TO 7. WHERE EXISTING MECHANICAL SYSTEMS ARE LOCATED IN AREAS THAT CONFLICT WITH
- NEW EQUIPMENT, PIPING, OR DUCTWORK TO BE INSTALLED, EACH CONTRACTOR SHALL EITHER ARRANGE NEW EQUIPMENT. PIPING. OR DUCTWORK IN SUCH A FASHION THAT IT DOES NOT CONFLICT WITH EXISTING SYSTEMS, OR REWORK EXISTING MECHANICAL SYSTEMS TO ALLOW FOR INSTALLATION OF NEW EQUIPMENT, PIPING, OR DUCTWORK. 8. PROVIDE TEMPORARY CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING
- CONSTRUCTION. MAINTAIN ACCESS TO EXISTING MECHANICAL INSTALLATIONS THAT REMAIN ACTIVE 9. OBTAIN PERMISSION FROM OWNER BEFORE SHUTTING DOWN ANY SYSTEM FOR ANY
- REASON. MAINTAIN SERVICE TO ALL COMPONENTS THAT ARE TO REMAIN UNTIL NEW SYSTEMS ARE INSTALLED. 10. MAINTAIN EXISTING SYSTEM IN SERVICE UNTIL NEW SYSTEM IS COMPLETE AND READY FOR TIE IN AND SWITCHOVER. DRAIN SYSTEM ONLY TO MAKE SWITCHOVERS AND
- CONNECTIONS. OBTAIN PERMISSION FROM OWNER BEFORE PARTIALLY OR COMPLETELY DRAINING SYSTEM. MAKE CHANGEOVER TO NEW SYSTEMS WITH MINIMUM OUTAGE. 11. PROPERLY RECLAIM AND DISPOSE OF ALL REFRIGERANT IN REMOVED EQUIPMENT/ REFRIGERANT PIPING. RECLAIMED REFRIGERANT SHALL HAVE DOCUMENTATION AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION (AHJ).

MECHANICAL PHASING NOTES:

THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, MEDICAL GAS, VENTILATION, PIPING AND TEMPERATURE

- 1. REFER TO ARCHITECTURAL DRAWINGS FOR GENERAL DESCRIPTION OF PHASES. REFER TO GENERAL CONTRACTOR'S INSTRUCTIONS FOR MORE DETAILS AND PHASING SCHEDULES AND FOR CONCURRENT WORK. MECHANICAL, ELECTRICAL AND TECHNOLOGY DRAWINGS DEPICT THE INTENT OF THE FINAL DESIGN. THE MECHANICAL, ELECTRICAL, AND TECHNOLOGY DRAWINGS DO NOT DEPICT THE MEANS AND METHODS TO MEET THE
- REQUIREMENTS OF THE PHASING CRITERIA. 2. REVIEW PROJECT PHASING PLANS TO COORDINATE DEMOLITION WORK, OUTAGES, ETC. WITH AFFECTED ADJACENT AREAS.
- 3. PROVIDE TEMPORARY DUCTWORK, PIPING, SHUTOFF VALVES, ZONE VALVES, ZONE
- ALARMS, ETC. AS NEEDED TO MAINTAIN SERVICE TO ALL AREAS DURING ALL PHASES OF
- 4. INSTALL TEMPORARY DUCTWORK, PIPING, SHUTOFF VALVES, ETC. AS NECESSARY TO KEEP
- ALL OCCUPIED SPACES OPERATIONAL THROUGHOUT ALL PHASES OF THE PROJECT 5. PHASE DEMOLITION WORK TO MINIMIZE DOWNTIME.

FIRE PROTECTION GENERAL NOTES:

- 1. CENTER SPRINKLERS IN CEILING TILES IN BOTH DIRECTIONS IN ALL AREAS. IN AREAS WITH 2'X4' CEILING TILES CENTERING USING A 2'X2' CEILING PATTERN IS ACCEPTABLE.
- SPRINKLER HEADS SHALL BE ALIGNED WITH OTHER SPRINKLER HEADS, LIGHTING, DIFFUSERS, AND ANY OTHER FEATURES IN THE CEILING. 2. NEW SPRINKLERS SHALL BE QUICK RESPONSE TYPE, UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL NOT MIX STANDARD RESPONSE SPRINKLERS WITH QUICK RESPONSE SPRINKLERS IN UNPARTITIONED SPACES. 3. PROVIDE COVERAGE ABOVE AND BELOW ALL EXPOSED DUCTWORK GREATER THAN 48"
- 4. PROVIDE COVERAGE ABOVE (IF APPLICABLE) AND BELOW FLOATING CEILINGS, REFER TO
- ARCHITECTURAL PLANS. 5. THE FIRE PROTECTION SYSTEM SHALL BE DESIGNED TO MEET OWNER'S INSURANCE COMPANY STANDARDS WHERE APPLICABLE. THE MORE STRINGENT OF THE OWNER'S
- INSURANCE UNDERWRITER'S DESIGN CRITERIA AND THE NFPA STANDARDS SHALL BE 6. ALL BUILDING AREA SHALL BE FULLY SPRINKLERED INCLUDING CANOPIES, WALKWAYS,
- OVERHANGS, SOFFITS, AND BUILDING PROJECTIONS. ALL ACCESSIBLE COMBUSTIBLE
- CONCEALED SPACES SHALL BE FULLY PROTECTED BY THE SPRINKLER SYSTEM. 7. WHERE FEASIBLE INSTALL PIPES HIGH AS POSSIBLE TO AVOID CONFLICT WITH OTHER
- DISCIPLINES. 8. INSTALL SYSTEM DRAINS AT LOW POCKET AREAS CONTAINING FIVE GALLONS OF WATER OR MORE, PROVIDE WITH ISOLATION VALVE AND THREADED HOSE CONNECTION.
- 9. PROVIDE INTERMEDIATE TEMPERATURE SPRINKLER HEADS WHERE REQUIRED BY NFPA 13
- UNLESS OTHERWISE NOTED. 10. FINAL HEAD LOCATION, TYPE AND FINISH SHALL BE REVIEWED AND APPROVED BY THE
- 11. THE OWNER MUST BE NOTIFIED PRIOR TO EACH AND EVERY DRAINING OR RECHARGING OF
- THE SPRINKLER SYSTEM. 12. THE CONTRACTOR SHALL PREPARE A COORDINATED SET OF SHOP DRAWINGS AND SHALL OBTAIN APPROVAL FROM THE AUTHORITIES HAVING JURISDICTION AND THE LOCAL FIRE DEPARTMENT PRIOR TO ANY INSTALLATION.
- 13. WHERE PIPE PASSES THROUGH HOLES IN PLATFORMS, FOUNDATIONS, WALL, OR FLOORS, THE HOLES SHALL BE SIZED SUCH THAT DIAMETER OF THE HOLE IS NOMINALLY 2 INCHES LARGER THAN THE PIPE FOR 1" NOMINAL TO 3 ½" NOMINAL AND 4" LARGER THAN THE PIPE FOR PIPE 4" AND LARGER.
- 14. VERIFY ALL DIMENSIONS AND CLEARANCES FROM ARCHITECTURAL, STRUCTURAL, SUBMITTALS, AND OTHER APPROPRIATE DRAWINGS OR PHYSICALLY AT SITE. REVIEW ALL
- DRAWINGS, INCLUDING THOSE OF OTHER TRADES. 15. SPRINKLERS ARE PERMITTED TO BE RELOCATED AND REINSTALLED WHEN THE SPRINKLER BEING REMOVED FROM THE SYSTEM REMAINS ATTACHED TO THE ORIGINAL FITTING OR WELDED OUTLET, PROVIDED CARE HAS BEEN TAKEN TO ENSURE THE SPRINKLER HAS NOT BEEN DAMAGED. PER NFPA 13, WHEN A SPRINKLER HAS BEEN REMOVED FROM A FITTING OR WELDED OUTLET, IT SHALL NOT BE RE-INSTALLED. PROVIDE NEW SPRINKLERS AS

PLUMBING GENERAL NOTES:

- 1. THE SYMBOLS AND THE MATERIAL LIST ARE FOR THE CONVENIENCE OF THE CONTRACTOR. CONTRACTOR SHALL VERIFY QUANTITIES AND FURNISH ALL MATERIALS REQUIRED FOR
- FULLY OPERATIONAL SYSTEMS, WHETHER SPECIFIED OR NOT. 2. CATALOG NUMBERS SHALL NOT BE CONSIDERED COMPLETE, BUT ARE GIVEN AS AN AID TO THE CONTRACTOR AND TO INDICATE THE QUALITY REQUIRED. CONTRACTOR IS RESPONSIBLE FOR A COMPLETE DESCRIPTION OF MATERIAL ON THESE DRAWINGS AND IN THE SPECIFICATIONS BEFORE ORDERING. THE DESCRIPTION OF THE MATERIAL TAKES PRECEDENCE OVER THE CATALOG NUMBER. THE FIRST MANUFACTURER LISTED IS THE
- BASIS OF DESIGN. 3. CONTRACTOR SHALL VERIFY THAT FIXTURES SUPPLIED ARE APPROVED PER ALL APPLICABLE STATE, LOCAL AND GOVERNING AUTHORITIES.
- 4. ALL FIXTURES SHALL CONFORM TO FEDERAL ACT S.3874 5. INVERT ELEVATIONS ARE FROM EXISTING DRAWINGS AND MAY NOT BE ACCURATE. VERIFY
- ALL ELEVATIONS BEFORE BEGINNING WORK. 6. VERIFY UNDERGROUND PIPE SIZES, INVERT ELEVATIONS, AND LOCATIONS PRIOR TO BEGINNING ANY WORK.
- 7. REFER TO THE PLUMBING ROUGH-IN SCHEDULE FOR THE SIZES OF BRANCH PIPES TO PLUMBING FIXTURES

8. EXISTING CONDITIONS ON DEMOLITION PLANS ARE PROVIDED TO INDICATE THE GENERAL

SCOPE OF ITEMS TO BE REMOVED. 9. P.C. SHALL CUT AND PATCH EXISTING AS REQUIRED FOR NEW OR DEMOLITION WORK UNLESS NOTED OTHERWISE.

MECHANICAL GENERAL NOTES:

THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, MEDICAL GAS, VENTILATION, PIPING AND TEMPERATURE

- 1. DRAWINGS SHOWING LOCATIONS OF EQUIPMENT, DUCTWORK, PIPING, ETC. ARE DIAGRAMMATIC AND MAY NOT ALWAYS REFLECT EXACT INSTALLATION CONDITIONS. DRAWINGS SHOW THE GENERAL ARRANGEMENT OF DUCTWORK, PIPING, EQUIPMENT, ETC., AND MAY NOT INCLUDE ALL OFFSETS AND FITTINGS REQUIRED FOR COMPLETE
- INSTALLATION. THE DRAWINGS SHALL BE FOLLOWED AS CLOSELY AS ACTUAL BUILDING CONSTRUCTION AND THE WORK OF OTHERS WILL PERMIT. 2. CATALOG AND MODEL NUMBERS SHALL NOT BE CONSIDERED COMPLETE. BUT ARE GIVEN
- AS AN AID TO THE CONTRACTOR AND TO INDICATE THE QUALITY REQUIRED. CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE DESCRIPTION OF MATERIAL SCHEDULED ON THESE DRAWINGS AND IN THE SPECIFICATIONS BEFORE ORDERING. THE DESCRIPTION OF THE MATERIAL AND SCHEDULED PERFORMANCE TAKES PRECEDENCE OVER THE MODEL
- NUMBER. THE FIRST MANUFACTURER SCHEDULED IS THE BASIS OF DESIGN. 3. DETERMINATION OF QUANTITIES OF MATERIAL AND EQUIPMENT REQUIRED SHALL BE MADE BY THE CONTRACTOR FROM THE DOCUMENTS. WHERE MATERIAL AND/OR QUANTITY
- DISCREPANCIES ARISE BETWEEN DRAWINGS, SCHEDULES AND/OR SPECIFICATIONS, THE HIGHER QUALITY/ GREATER NUMBER SHALL GOVERN. 4. DO NOT SCALE DRAWINGS. VERIFY ALL DIMENSIONS AND CLEARANCES FROM
- ARCHITECTURAL, STRUCTURAL, SUBMITTALS, AND OTHER APPROPRIATE DRAWINGS OR PHYSICALLY AT SITE. REVIEW ALL DRAWINGS, INCLUDING THOSE OF OTHER TRADES. 5. COORDINATE ALL WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION TO PROVIDE CLEARANCES REQUIRED FOR OPERATION, MAINTENANCE, CODE COMPLIANCE, AND TO VERIFY NON-INTERFERENCE WITH OTHER WORK. DO NOT FABRICATE PRIOR TO VERIFICATION OF NECESSARY CLEARANCES FOR ALL TRADES. BRING ANY INTERFERENCES
- WITH FABRICATION OR EQUIPMENT ORDERS. 6. REVIEW SPACE REQUIREMENTS OF EQUIPMENT SPECIFIED OR SUBSTITUTED AND MAKE REASONABLE ACCOMMODATIONS IN LAYOUT AND POSITIONING TO PROVIDE PROPER

OR CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING

- ACCESS. 7. ANY CHANGES REQUIRED TO ELIMINATE CONFLICTS OR THAT RESULT FROM A FAILURE TO
- COORDINATE SHALL BE MADE BY THE CONTRACTOR WITHOUT ADDITIONAL COST OR EXPENSE TO OTHERS.
- 8. EACH CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH ELECTRICAL CHANGES REQUIRED FOR EQUIPMENT PROPOSED THAT DIFFERS FROM THE BASIS OF
- 9. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN, ELECTRICAL, TECHNOLOGY AUDIO/VISUAL, AND OTHER MECHANICAL PLANS FOR EXACT LOCATIONS OF ALL CEILING
- MOUNTED DEVICES, OTHER THAN SPRINKLERS. 10. EACH CONTRACTOR IS RESPONSIBLE FOR DAMAGE CAUSED BY THEIR ACTIONS TO WALLS, FLOORS, CEILINGS, AND ROOFS. THE CONTRACTOR WHOSE WORK CAUSES DAMAGE IS RESPONSIBLE FOR PATCHING TO MATCH ORIGINAL CONSTRUCTION, FIRE RATING, AND
- 11. IN AREAS WITH DRYWALL CEILINGS COORDINATE LOCATIONS OF ACCESS PANELS WITH THE GC FOR ACCESS TO VALVES, DUCTWORK ACCESSORIES, DAMPERS, ETC. COORDINATE PANEL TYPE AND COLOR WITH ARCHITECT. NOTIFY THE GC OF THE REQUIRED ACCESS
- PANELS PRIOR TO BIDDING. 12. SEAL ALL FLOOR AND WALL PENETRATIONS AIRTIGHT WHERE CONDUITS, PIPING, AND
- DUCTS PENETRATE. 13. CAULK ALL PIPE AND DUCT PENETRATIONS OF FULL HEIGHT NON-FIRE RATED WALL. PARTITION, FLOOR, AND ROOF ASSEMBLIES. THIS IS ESSENTIAL TO PREVENT NOISE
- TRANSMISSION FROM ONE ROOM TO ANOTHER AND TO PROVIDE THE DESIRED NC LEVELS 14. WHERE PIPES AND DUCTS ARE SHOWN TO PENETRATE FLOORS, PROVIDE SLEEVED
- OPENINGS WITH THE TOP EDGE RAISED ABOVE FLOOR SURFACE IN ACCORDANCE WITH ALL RELEVANT SPEC SECTIONS. SEAL SLEEVE PERIMETER TO BE WATERTIGHT. 15. EQUIPMENT SIZES AND SERVICE CLEARANCE REQUIREMENTS VARY AMONG DIFFERENT
- MANUFACTURERS. CONSULT APPROVED SHOP DRAWINGS FOR EQUIPMENT SIZES AND REQUIRED SERVICE CLEARANCES. COORDINATE WITH LAYOUT OF EQUIPMENT PADS, PIPING, DUCTWORK, ETC.
- 16. DO NOT BLOCK TUBE PULL OR EQUIPMENT SERVICE CLEARANCES. 17. MAINTAIN A MINIMUM WORKING CLEARANCE OF 3'-6" IN FRONT OF ALL ELECTRICAL EQUIPMENT REQUIRING MAINTENANCE, INSPECTION, AND TESTING INCLUDING BUT NOT LIMITED TO PANELS, DISTRIBUTION PANELS, SWITCHBOARDS, MOTOR CONTROL CENTERS,
- TRANSFORMERS, EQUIPMENT DISCONNECTS AND STARTERS. 18. MAINTAIN THE DEDICATED ELECTRICAL EQUIPMENT SPACE DEFINED BY THE WIDTH / DEPTH OF ELECTRICAL EQUIPMENT MEASURED FROM THE FLOOR TO A HEIGHT 6'-0" ABOVE THE EQUIPMENT OR THE STRUCTURAL CEILING, WHICHEVER IS LOWER. SYSTEMS FOREIGN TO THE ELECTRICAL DISTRIBUTION SYSTEM ARE NOT ALLOWED IN THE DEDICATED
- ELECTRICAL SPACE INCLUDING: DUCTWORK, PIPING, ETC. 19. PROVIDE CONCRETE EQUIPMENT PAD FOR ALL FLOOR MOUNTED EQUIPMENT. PAD SHALL EXTEND MINIMUM 6" BEYOND ALL SIDES OF EQUIPMENT EXCEPT WHERE PAD EXTENSION WOULD INTERFERE WITH WORKING SPACE AT EQUIPMENT CONTROL PANELS AND

PLUMBING SLOPE REQUIREMENTS:

SANITARY WASTE:

DOMESTIC WATER:

ELECTRICAL PANELS.

SANITARY AND GREASE VENT:

GREASE WASTE: STORM (GRAVITY): **CONDENSATE AND INDIRECT DRAINAGE:**

1/8" PER FOOT NO SPECIFIC PITCH, PITCH TO FIXTURES NO SPECIFIC PITCH, PITCH TO FIXTURES

≤2-1/2"ø=1/4" PER FOOT

≥3"ø = 1/8" PER FOOT ≥8"ø = 1/16" PER FOOT

1/4" PER FOOT

1/8" PER FOOT

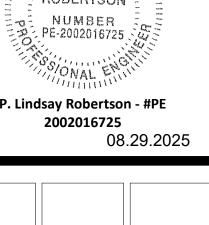
BASED ON PLUMBING CODE: IPC-2018

PLUMBING SHEET INDEX

PLUMBING COVERSHEET LEVEL 02 AND 03 PLANS - PLUMBING

GRAND TOTAL: 2

ROBERTSON NUMBER PE-2002016725 P. Lindsay Robertson - #PE 2002016725



CONSTRUCTION



ACI/Boland, Inc. Kansas City | St. Louis 1710 Wyandotte Kansas City, MO 64108 T: 816.763.9600 Licensee's Certificate of Authority Number:

MEP CONSULTANT

Missouri: #000958

S

1600 Baltimore Ave, Suite 300

Kansas City, MO 64108 816.842.8437 Licensee's Certificate of Authority Number: #00127265

08.29.2025 Job Number Checked By Number Date

Drawn By

3-25069

ОЩО

 \circ \triangleleft \supset

P000 © 2025 ACI/BOLAND, Inc

PLUMBING COVERSHEET

MEG RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO HIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG AND SHALL NO BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG. 2025 IMEG CONSULTANTS CORP. Missouri Certificate of Authority #2023010035 0 1 2 3

PROJECT #25004922 00

REF. SCALE IN INCHES

SHEET NOTES: REFER TO GENERAL NOTES ON SHEET P000. THIS IS A 24 HOUR OPERATIONAL FACILITY, THEREFORE WORK MAY NEED TO BE COMPLETED AFTER NORMAL WORKING HOURS OR DURING WEEKENDS AT NO ADDITIONAL COST TO OWNER. ALL SHUTDOWNS SHALL BE COORDINATED AND SCHEDULED WITH OWNER A MINIMUM OF TWO WEEKS BEFORE WORK FIELD VERIFY ALL EXISTING PIPE SIZES AND LOCATIONS PRIOR TO STARTING WORK.

SPRINKLER NOTE: SPRINKLER CONTRACTOR SHALL DISCONNECT, RELOCATE AND/OR REMOVE ANY AND/OR ALL SPRINKLER PIPING AND SPRINKLER HEADS AS REQUIRED BY MECHANICAL, ELECTRICAL AND GENERAL CONTRACTORS. REMOVE ALL SPRINKLER HEADS THAT ARE NOT CONCEALED TYPE. AFTER ALL LARGER DUCTWORK AND PIPING HAVE BEEN INSTALLED, SPRINKLER CONTRACTOR SHALL REINSTALL SPRINKLER HEADS AND/OR PIPING REQUIRED TO SPRINKLER REMODELED SPACE. SPRINKLER CONTRACTOR SHALL ALSO INSTALL NEW HEADS AND/OR PIPING AS REQUIRED BY

REMODEL OF SPACE. ALL SPRINKLER HEADS SHALL BE CONCEALED TYPE.

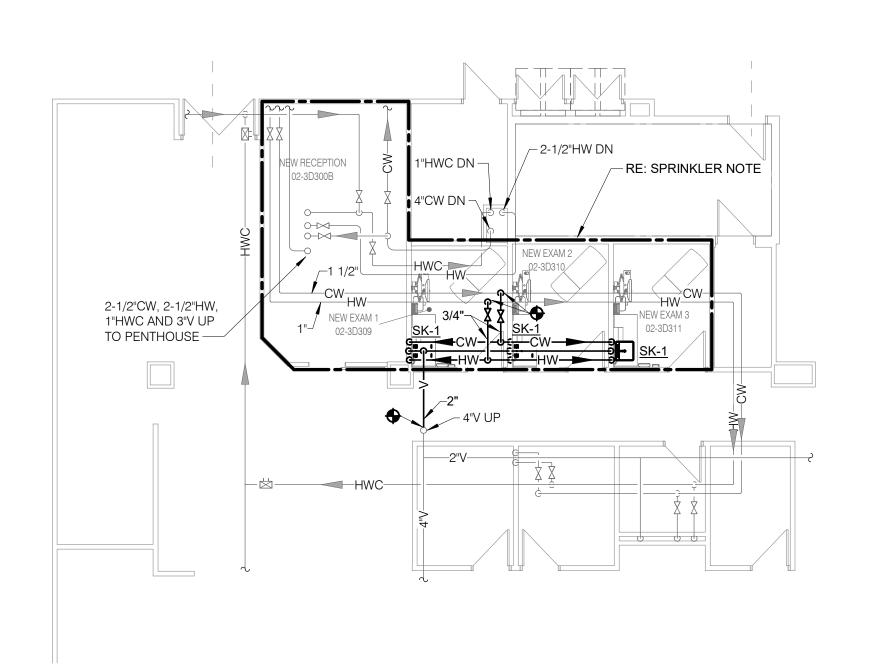
LEVEL 03 DEMOLITION PLAN - PLUMBING

1/8" = 1'-0"

2-1/2"CW, 2-1/2"HW,

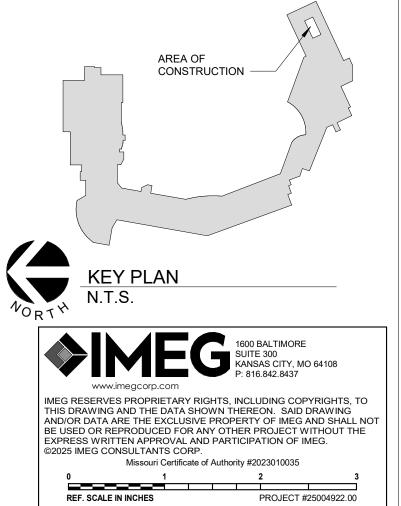
1"HWC AND 3"V UP TO PENTHOUSE -

RE: SPRINKLER NOTE



3 LEVEL 03 PLAN - PLUMBING

1/8" = 1'-0"



HOSPITAL SAINT LUSUMMIT, SUITE 20 NE LEE'S

CONSTRUCTION

08.29.2025

ROBERTSON

NUMBER PE-2002016725

P. Lindsay Robertson - #PE

2002016725

BOLAND

ARCHITECTS

Licensee's Certificate of Authority Number:

ACI/Boland, Inc.

1710 Wyandotte

T: 816.763.9600

Kansas City | St. Louis

Kansas City, MO 64108

MEP CONSULTANT

1600 Baltimore Ave, Suite 300

Licensee's Certificate of Authority Number:

Kansas City, MO 64108

816.842.8437

#00127265

08.29.2025 3-25069 WM MJL Drawn By Checked By

P200 © 2025 ACI/BOLAND, Inc

> LEVEL 02 AND 03 PLANS -PLUMBING

LEVEL 02 PLAN - PLUMBING

LUMINAIRE SCHEDULE SOURCE LUMENS WATTS SUPPLY **DESCRIPTION** OPTICS MTG MANUFACTURER - SERIES NOTES DIMENSIONS SHALLOW PLENUM TROFFER WITH RE 48"L X 24"W X 2 3/8"H LED, 3500K 5,078 lm 37 / FIX 277 HE WILLIAMS - PT SERIES (L49) CENTER DIFFUSE LINEAR RIBBED CCT, 80 CRI ACRYLIC LENS, STEEL HOUSING, PAF SHALLOW PLENUM TROFFER WITH RE 24"L X 24"W X 2 3/8"H LED, 3500K | 2,924 lm | 22 / FIX | 277 HE WILLIAMS - PT SERIES (L26) CENTER DIFFUSE RIBBED ACRYLIC LENS, 0-10V/1% CCT, 80 CRI STEEL HOUSING, PAF

LUMINAIRE SCHEDULE NOTES:

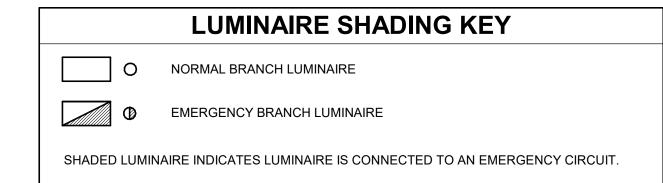
1. BASE BID - EXISTING LIGHT FIXTURES TO REMAIN. LTERNATE BID - EXISTING LIGHT FIXTURES TO BE REMOVED, PROVIDE NEW LIGHT FIXTURES AS INDICATED

LUMIN	IAIRE SCHEDU	LE LEGEND		
DESCRIPTION:				
PAF - PAINT AFTER FAE	BRICATION			
CFSA - COLOR FINISH SELECTION BY ARCHITECT				
CCFSA - CUSTOM COLO	CCFSA - CUSTOM COLOR FINISH SELECTED BY ARCHITECT			
	S AND FINISHES OF ALL LUM		/ITH ARCHITECT	
	ER PRIOR TO THE RELEASE			
OPTICS:				
BEAM ANGLE				
##° or ## DEG - BEAM A	NGLE IN DEGREES			
VNSP - VERY NARROW	SPOT N	FL - NARROW FLOOD		
NSP - NARROW SPOT	F	L - FLOOD		
SP - SPOT	v	/FL - WIDE FLOOD		
WSP - WIDE SPOT	v	WF - VERY WIDE FLOOD	•	
VWSP - VERY WIDE SP	ОТ			
MOUNTING (MTG):				
CL - CEILING	P - PERIMETER	SU - SUF	RFACE	
CV - COVE	PL - POLE		DER CABINET	
G - GROUND SURFACE	RE - RECESSED	WL - WA	LL	
IG - IN GRADE	SP - SUSPENDED			
		(SEE	DESCRIPTION)	
REQUIREMENTS. REFE	ATE ALL CEILING TYPES WIT R TO ARCHITECTURAL AND LS FOR LUMINAIRE MOUNTII	INTERIOR DESIGN ELEV	ATIONS,	
	NDICATED IN THE SCHEDULE	ARE TO THE BOTTOM	OF FIXTURE	
UNLESS NOTED OTHER	RWISE.			
DIMENSIONS:				
L - LENGTH W -	WIDTH H - HEIGHT	D - DEPTH	Ø - DIAMETER	
VAR DIMENSION VAR	RIES, SEE ARCHITECTURAL P	LANS.		
LIGHT SOURCE:				
	LED - INTEGRAL LIGHT EMIT	TING DIODE		
	DLED - DYNAMIC TUNABLE RLED - RETROFIT LED LAMP WLED - WARM DIM LED	WHITE LED		
207/27/	INTERIOR CORRELATED CO	OR TEMPERATURE (27)	00 3000 3500	
	4000/4100]K, COLOR RENDEI UNLESS NOTED OTHERWISE	RING INDEX (CRI) AT OR		
	EXTERIOR CORRELATED CO	LOR TEMPERATURE [27		
	4000/4100]K, COLOR RENDEI UNLESS NOTED OTHERWISI		ABOVE [80, 85, 90],	
DELIVERED LUMEN	IS:			
	RE MINIMUM INITIAL DELIVER	ED LUMENS AT SPECIFII	ED CCT AND CRI.	
WATTS:				
MAXIMUM ANSI WATTS	PER: (BLANK) = PER LUMINA	AIRE FT = LINEAR FOO	T LAMP POLE	
POWER SUPPLY:				
	(BLANK) - INTEGRAL UNLESS	NOTED OTHERWISE		
	REM - REMOTE EM - EMERGENCY BATTERY			
	0-10V - 0 TO 10V DIMMING			
	10%, 1%, 0.1%, 0 DALI - DIGITAL ADDRESSABL	E LIGHTING INTERFACE	(IEC 62386)	
	DMX - USITT DMX512-A (ANS UPC - UNIVERSAL PHASE CO	NTROL DIMMING (PHAS	E ADAPTIVE)	
	SWC - SWITCHED CONTROL O - OTHER (SEE DESCRIPTION			
	RE DRIVER DIMMING METHO D CONTROL MANUFACTURE			
MANUFACTURER - S	SERIES:			
	ER AND MODEL LISTED IS T	HE BASIS OF DESIGN		
2. THE MODEL NUMB SHALL NOT BE OR	ER SHOWN SHALL NOT BE C DERED BY MANUFACTURER UPTION AND THE SPECIFICA	ONSIDERED COMPLETE AND MODEL NUMBER C	NLY. THE	
	O DETERMINE THE EXACT M			

ORDERED.

ELECTRICAL SYMBOL LIST			
SYMBOL:	TAG:	SPEC SECTION:	DESCRIPTION:
			LINEAR LUMINAIRES
			TROFFER
\triangle	REFER TO LUMINAIRE SCHEDULE		WALL SCONCE LUMINAIRE
0			DOWNLIGHT LUMINAIRE
<0			AIMABLE OR WALL WASH LUMINAIRE
			INDUSTRIAL LUMINAIRE
YY			WALL BRACKET LUMINAIRE
\Box			POLE MOUNTED LUMINAIRE
\otimes			SINGLE FACE EXIT SIGN
			DOUBLE FACE EXIT SIGN
₩			WALL/CEILING EMERGENCY EXIT SIGN
			EMERGENCY UNIT

L	LUMINAIRE CIRCUIT AND CONTROL KEY		
LUMINAIRI	E1 = FIXTURE TAG 1 = CIRCUIT NUMBER a = SWITCH DESIGNATION z1=ZONE DESIGNATION "NL" INDICATES LUMINAIRE IS UNSWITCHED FOR NIGHT LIGHT. "SE" INDICATES LUMINAIRE IS SWITCHED/CONTROLLED DURING NORMAL OPERATION AND OPERATES FROM [EMERGENCY BATTERY (EXTEND UNSWITCHED CIRCUIT LEG TO BATTERY)] [EMERGENCY CIRCUIT] UPON LOSS OF POWER. *IF LABEL IS ORIENTED HORIZONTALLY A SLASH WILL SEPARATE THIS INFORMATION. EX: F1/1/a/NL		



FIRE / SMOKE BARRIER DESIGNATIONS

FIRE AND SMOKE SEPARATIONS ARE NOT SHOWN ON THESE DOCUMENTS. CONTRACTOR SHALL REVIEW THE ARCHITECTURAL PLANS AND DETERMINE THE LOCATIONS OF ALL FIRE AND SMOKE PARTITIONS, BARRIERS, AND WALLS, THIS INCLUDES FLOOR RATINGS, PRICING SHALL INCLUDE ALL MATERIALS AND LABOR REQUIRED TO MAINTAIN THE RATINGS OF ALL RATED SEPARATIONS, WHETHER SHOWN ON THE ENGINEERING PLANS OR NOT.

ELECTRICAL ABBREVIATION KEY		
ABBR:	DESCRIPTION:	
ABV	ABOVE	
AFC	ABOVE FINISHED CEILING	
AFF	ABOVE FINISHED FLOOR	
AFG	ABOVE FINISHED GRADE	
ASR	ARCHITECTURAL SURFACE RACEWAY	
ВС	BELOW COUNTER	
С	CONDUIT (BRANCH CIRCUIT OR FEEDER CONTEXT)	
CO	CONDUIT AND BOX ROUGH-IN ONLY (ROUGH-IN ONLY)	
EG	EQUIPMENT GROUND	
EGC	EQUIPMENT GROUNDING CONDUCTOR	
EOL	END OF LINE	
EPO	EMERGENCY POWER OFF	
GFR	GROUND FAULT REMOTE	
HOA	HAND/OFF/AUTO	
ITR	IT RACK MOUNTED RECEPTACLE	
N	NEW DEVICE IN EXISTING OUTLET BOX	
NC	NORMALLY CLOSED	
NEMA#	NEMA RATING	
NIC	NOT IN CONTRACTED SCOPE	
NO	NORMALLY OPEN	
RN	EXISTING DEVICE TO BE REMOVED AND OUTLET BOX REUSED FOR NEW DEVICE	
ROOF	EQUIPMENT LOCATED ON ROOF ABOVE	
SM	SURFACE MOUNTED	
TYP	TYPICAL	
UG	UNDERGROUND	
UON	UNLESS OTHERWISE NOTED	

THE LABEL FOR THIS DROP IN

ELECTRICAL PHASING NOTES:

THESE NOTES APPLY TO ALL ELECTRICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, LIGHTING, POWER, FIRE ALARM, AND OTHER LOW VOLTAGE SYSTEMS. 1. REFER TO ARCHITECTURAL DRAWINGS FOR GENERAL DESCRIPTION OF PHASES. REFER TO CONSTRUCTION MANAGER'S/GENERAL CONTRACTOR'S/ARCHITECT'S INSTRUCTIONS FOR MORE DETAILS AND PHASING SCHEDULES AND FOR CONCURRENT WORK. MECHANICAL, ELECTRICAL AND TECHNOLOGY DRAWINGS DEPICT THE INTENT OF THE FINAL DESIGN. THE MECHANICAL, ELECTRICAL, AND TECHNOLOGY DRAWINGS DO NOT DEPICT THE MEANS AND METHODS TO MEET THE REQUIREMENTS OF THE PHASING CRITERIA.

4. INSTALL TEMPORARY LIGHTING, CIRCUITS, ETC. AS NECESSARY TO KEEP ALL OCCUPIED

2. REVIEW PROJECT PHASING PLANS TO COORDINATE DEMOLITION WORK, OUTAGES, ETC. WITH AFFECTED ADJACENT AREAS. 3. PROVIDE TEMPORARY LIGHTING, POWER, SYSTEMS, ETC. AS NEEDED TO MAINTAIN SERVICE TO ALL AREAS DURING ALL PHASES OF PROJECT.

SPACES OPERATIONAL THROUGHOUT ALL PHASES OF THE PROJECT PHASE DEMOLITION WORK TO MINIMIZE DOWNTIME.

RECEPTACLE SUBSCRIPT KEY: DEVICE KEY: DEVICE # = MOUNTING (IF APPLICABLE) 1 = CIRCUIT NUMBER *IF LABEL IS ORIENTED HORIZONTALLY A SLASH WILL SEPARATE THIS INFORMATION. EX: A / 1 MOUNT AT +6" TO CENTERLINE ABOVE COUNTER OR BACKSPLASH MOUNT AT CEILING (DEVICE OR ROUGH-IN CONTEXT) MOUNT ORIENTED HORIZONTALLY MOUNT IN CASEWORK MOUNT IN MODULAR FURNITURE MOUNT IN SURFACE RACEWAY SURFACE MOUNTED WG WIRE GUARD +#" MOUNT AT #" TO CENTERLINE ABOVE FINISHED FLOOR SHADED DEVICE INDICATES DEVICE IS CONNECTED TO AN EMERGENCY CIRCUIT. DEVICE P

ELECTRICAL SYMBOL LIST - RECEPTACLES		
SYMBOL	DESCRIPTION	
# P	DUPLEX RECEPTACLE, 125V	
#	DUPLEX RECEPTACLE, GROUND FAULT CIRCUIT INTERUPTING, 125V	
# 	QUAD RECEPTACLE, 125V	

ELECTRICAL SYMBOL LIST - POWER		
SYMBOL	DESCRIPTION	
J	JUNCTION BOX - WALL	
O	ELECTRICAL POKE THROUGH	
	PANELBOARD - SURFACE MOUNT	

ELECTRICAL SYMBOL LIST - FIRE ALARM			
SYMBOL	TAG	DESCRIPTION	
(S)		SMOKE DETECTOR - PHOTOELECTRIC, CEILING MOUNT	
#		VISUAL ALARM DEVICE, WALL MOUNTED	
# DE		COMBINATION AUDIO (HORN/CHIME) AND VISUAL ALARM DEVICE, WALL MOUNTED	

ELECTRICAL SYMBOL LIST - LIGHTING CONTROLS		
SYMBOL	TAG	DESCRIPTION
S		SWITCH - SINGLE POLE
	D	LED DIMMER, 0-10 VOLT, COMPATIBLE WITH FIXTURE DRIVER, WATTSTOPPER - #RH4FBL3PTC SERIES

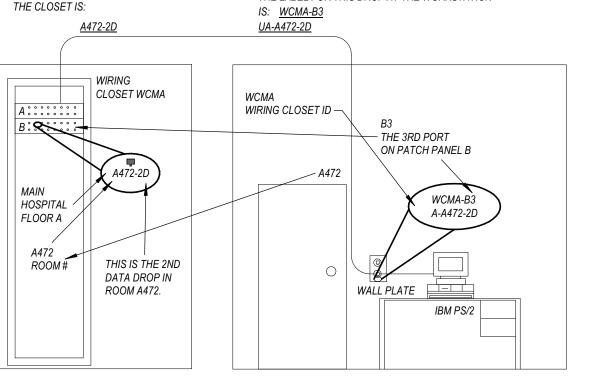
TECH. ROUGH-IN AND CABLE SYMBOL LIST			
SYMBOL	TAG	DESCRIPTION	
C#		INFORMATION OUTLET (WALL)	
	C2	INFORMATION OUTLET CABLE QUANTITY	
∇		INFORMATION OUTLET (WALL) EXISTING	

WORKSTATION

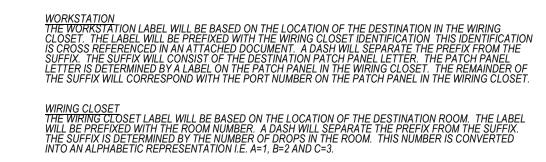
 \oslash

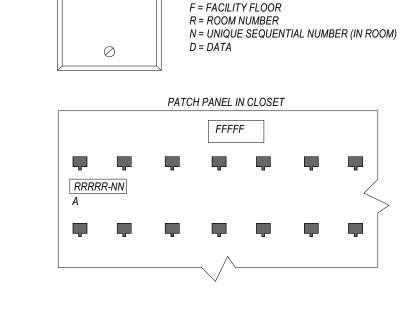
WCCCCCC-APP

(FFFFF-RRRRR-NN-D)



THE LABEL FOR THIS DROP AT THE WORKSTATION





B = BUILDING ID

C = WIRING CLOSET ID

A = PATCH PANEL LETTER

P = PATCH PANEL PORT NUMBER

TYPICAL SLHS DATA CABLE LABELING STANDARD
NO SCALE

ELECTRICAL INSTALLATION NOTES:

- 1. THE COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE ADA STANDARDS FOR ACCESSIBLE DESIGN. REFER TO THE ADA GUIDELINES FOR ALL CONFIGURATION DETAILS ON
- THIS PAGE FOR ADDITIONAL INFORMATION. 2. CIRCUIT NUMBERS ARE SHOWN FOR CIRCUIT IDENTIFICATION. CIRCUITING SHALL AGREE WITH NUMBERING ON THE PANEL PROVIDED. COMMON NEUTRALS MAY NOT BE USED FOR BRANCH CIRCUITS. BALANCE THE LOAD ON PANEL AS EVENLY AS POSSIBLE BETWEEN EACH 3. EMERGENCY LIFE SAFETY AND CRITICAL, EQUIPMENT BRANCH WIRING FOR FEEDERS AND
- BRANCH CIRCUITS SHALL BE ROUTED IN SEPARATE RACEWAY. JUNCTION BOXES. PULL BOXES. AND CABINETS. WIRING FOR EACH BRANCH SHALL BE INDEPENDENT FROM OTHER BRANCHES, INCLUDING THE NORMAL BRANCH. 4. FLUSH MOUNT ALL LIGHTING CONTROL DEVICES AT +42" FROM FLOOR (CENTERLINE
- WHEN CONDUIT IS SPECIFIED EXPOSED. 5. FLUSH MOUNT ALL DUPLEX RECEPTACLES AND TECHNOLOGY OUTLETS AT +18" FROM FLOOR (CENTERLINE DIMENSION), EXCEPT WHERE OTHERWISE NOTED. RECEPTACLES AND

DIMENSION), EXCEPT WHERE OTHERWISE NOTED. DEVICES MAY BE SURFACE MOUNTED

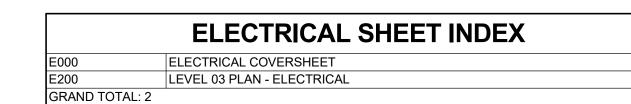
- OUTLETS MAY BE SURFACE MOUNTED WHEN CONDUIT IS SPECIFIED EXPOSED. 6. ALL MATERIALS USED TO SEAL PENETRATIONS OF FIRE RATED WALLS AND FLOORS SHALL
- BE TESTED AND CERTIFIED AS A SYSTEM PER ASTM E814 STANDARDS FOR FIRE TESTS OF THROUGH-PENETRATION FIRESTOPS. REFER TO ARCHITECTURAL SPECIFICATIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS SPECIFIC TO FIRESTOPPING.
- . CONNECTION FOR ELECTRIC WATER COOLERS (EWC) SHALL BE A JUNCTION BOX CONCEALED BEHIND WATER COOLER ACCESS PLATÉ OR BE A GFI RECEPTACLE LOCATED DIRECTLY BELOW AND CENTERED ON EWC. CONTRACTOR SHALL VERIFY TYPE OF EWC TO RE INSTALLED.
- . MOUNT ALL FIRE ALARM PULL STATIONS AT +42" FROM FLOOR (CENTERLINE DIMENSION) EXCEPT WHERE OTHERWISE NOTED. 9. INSTALL ALL WALL MOUNTED FIRE ALARM NOTIFICATION DEVICES AT 90" ABOVE FINISHED FLOOR OR 6" BELOW THE CEILING, WHICHEVER IS LOWER, EXCEPT WHERE OTHERWISE
- NOTED. HEIGHT SHALL BE MEASURED TO THE TOP OF THE DEVICE. 10. CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL CEILING MOUNTED DEVICES AND EQUIPMENT WITH LUMINAIRES. SPRINKLER, AND CEILING DIFFUSERS. CENTER ALL DEVICES IN CEILING TILE PATTERN. SMOKE DETECTORS AND OCCUPANCY/VACANCY SENSORS SHALL
- BE LOCATED NO CLOSER THAN 3 FEET TO AN AIR SUPPLY DIFFUSER OR RETURN GRILLE. 11. CONTRACTOR SHALL VERIFY ALL FURNITURE, MODULAR FURNITURE, AND EQUIPMENT LOCATIONS WITH ARCHITECTURAL PLANS, ELEVATIONS, AND REVIEWED SHOP DRAWINGS. PRIOR TO MAKING THE ACTUAL ELECTRICAL INSTALLATION. THIS CONTRACTOR SHALL
- ADJUST RECEPTACLES, OUTLETS, OR CONNECTION LOCATIONS TO ACCOMMODATE FURNITURE AND/OR EQUIPMENT. 12. ELECTRICAL AND TECHNOLOGY EQUIPMENT SHALL BE MOUNTED TO AVOID IMPEDANCE OF, OPERATION OF, AND/OR ACCESS TO ELECTRICAL AND MECHANICAL EQUIPMENT. ALL MOUNTING OF ELECTRICAL AND TELECOMMUNICATIONS EQUIPMENT, ON EQUIPMENT
- SUPPLIED BY ANOTHER CONTRACTOR, SHALL BE APPROVED IN ADVANCE BY THE OTHER 13. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL OPENINGS REQUIRED IN WALLS. ALL OPENINGS SHALL BE REPAIRED TO MATCH EXISTING BY A QUALIFIED CONTRACTOR AT THE
- EXPENSE OF THIS CONTRACTOR. ALL CONDUITS THROUGH WALLS SHALL BE GROUTED OR SEALED INTO OPENINGS. 14. ALL WELDING SHALL BE ACCORDING TO AMERICAN WELDING SOCIETY STANDARDS. CONTRACTOR SHALL FURNISH TO THE ARCHITECT/ENGINEER CERTIFICATES QUALIFYING
- RIGHT TO REQUIRE QUALIFYING DEMONSTRATION, AT THE CONTRACTOR'S EXPENSE, OF ANY WELDERS ASSIGNED TO THE JOB. 15. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN, ELECTRICAL, TECHNOLOGY

EACH WELDER, PRIOR TO START OF WORK. THE ARCHITECT/ENGINEER RESERVES THE

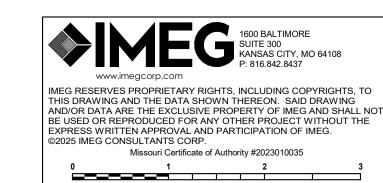
- AUDIO/VISUAL, AND OTHER ELECTRICAL PLANS FOR EXACT LOCATIONS OF ALL CEILING MOUNTED DEVICES, OTHER THAN SPRINKLERS.
- 16. ALL EXISTING BRANCH CIRCUITS REQUIRE FIELD VERIFICATION AND SHALL BE TRACED FROM SOURCE PANEL TO DEVICES, LIGHT FIXTURES AND EQUIPMENT REQUIRED TO REMAIN OR RELOCATE. UTILIZE INFORMATION TO PROVIDE ACCURATE UPDATED TYPE-WRITTEN PANEL
- SCHEDULES. 17. ALL ELECTRICAL WORK SHALL COMPLY WITH NEC 2017 ARTICLE 517 FOR HEALTHCARE
- FACILITIES. 18. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO BEGINNING
- 19. THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL ON ALL EQUIPMENT BEING REMOVED. ALL EQUIPMENT DESIGNATED BY OWNER TO BE RETAINED IS TO BE REMOVED IN GOOD
- CONDITION, LABELED, BOXED AND DELIVERED TO OWNER. 20. MINIMUM CONDUIT SIZE SHALL BE 3/4" NOMINAL, UNLESS NOTED OTHERWISE. 21. PROTECT ALL EXISTING SITE UTILITIES REQUIRED TO REMAIN IN OPERATION AND AS
- REQUIRED FOR JOB SITE SAFETY. ANY DEVIATIONS FOUND SHALL BE MADE KNOWN TO THE ARCHITECT PRIOR TO WORK COMMENCING. COMMENCEMENT OF WORK INDICATES ACCEPTANCE OF DRAWINGS AND SITE CONDITIONS.
- 22. COORDINATE ALL WORK WITH OTHER TRADES, OFFSET PANELS, LIGHTS, RECEPTACLES AND CONDUIT AS REQUIRED. APPROVAL MUST BE OBTAINED FROM ARCHITECT PRIOR TO
- OFFSETTING ANY DEVICE OR EQUIPMENT 23. CONTRACTOR SHALL RELABEL AND UPDATE SCHEDULES IN ALL REPLACED AND EXISTING TO REMAIN PANELBOARDS AND DISTRIBUTION PANELS AT THE COMPLETION OF THE PROJECT.
- 24. AFTER COMPLETION OF NEW WORK, REMOVE ALL TEMPORARY EQUIPMENT, CONDUIT, AND WIRING NOT REQUIRED TO REMAIN.
- 25. CONTRACTOR SHALL ENSURE THAT ALL PENETRATIONS IN FLOORS, WALLS AND CEILINGS THAT ARE ABANDONED OR LEFT UNUSED BECAUSE OF DEMOLITION, ARE FILLED WITH RATED MATERIAL TO MEET THE DESIGNATED CODE REQUIREMENTS. FIRE-STOPPING REQUIRED AT ALL FIREWALL CONDUIT AND/OR CABLE PENETRATIONS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 26. ALL GFI DUPLEX RECEPTACLES SHALL BE CONNECTED DOWNSTREAM ON ALL SHARED BRANCH CIRCUITS HAVING GENERAL DUPLEX RECEPTACLES.
- 27. ALL EMPTY CONDUITS INDICATED SHALL BE FURNISHED AND INSTALLED WITH PULLWIRES AND INSULATED BUSHINGS. 28. VERIFY ALL OUTLETS, J-BOXES, PULLBOXES AND LIGHTING LOCATIONS AND MOUNTING
- HEIGHTS WITH ARCHITECTURAL CASEWORK AND REFLECTED CEILING PLANS, INCLUDING OWNER FURNISHED EQUIPMENT AND/OR FURNITURE, PRIOR TO ROUGH-IN. 29. ALL OUTLET BOXES SHALL BE PROVIDED AS FLUSH MOUNTING HAVING CONDUIT CONCEALED IN CONSTRUCTION AS REQUIRED, UNLESS NOTED OTHERWISE. ALL BOXES
- UTILIZED SHALL BE COMPATIBLE WITH ALL WALL CONSTRUCTION. PROVISION SHALL BE MADE FOR "SHALLOW-TYPE" AND "STANDARD" OUTLET BOXES AS REQUIRED FOR FLUSH 30. ALL CONDUIT SHALL BE CONCEALED IN CONSTRUCTION IN FINISHED AREAS. EXPOSED
- CONDUIT SHALL BE ROUTED AT BUILDING STRUCTURE ABOVE AT CEILING, THEN DROP TO EACH FIXTURE OR DEVICE LOCATION INDICATED AS DIRECTED BY ARCHITECT. 31. FOR PURPOSES OF VOLTAGE DROP, PROVIDE #10 WIRE FOR 120 VOLT BRANCH CIRCUIT
- HOMERUN BEYOND 70 FT FROM SOURCE PANEL AND #8 WIRE FOR 120 VOLT BRANCH CIRCUIT HOMERUNS BEYOND 120FT FROM SOURCE PANEL. 32. VERIFY EXACT LOCATION AND CONNECTION REQUIREMENTS OF ALL HVAC, HVAC CONTROL, PLUMBING, FIRE ALARM, FIRE PROTECTION, I.T., SECURITY, COMMUNICATIONS AND OWNER
- FURNISHED EQUIPMENT PER EQUIPMENT MANUFACTURER INSTRUCTIONS AND COORDINATE WITH ASSOCIATED EQUIPMENT CONTRACTORS. PROVIDE ALL NECESSARY DEVICES AND CONNECTIONS AS REQUIRED.
- 33. ALL EXISTING EQUIPMENT, CONDUIT AND WIRING SHOWN LIGHTLY AND NOTED ARE EXISTING TO REMAIN AND SHALL BE PROTECTED FROM DAMAGE DURING CONSTRUCTION. ALL EXISTING EQUIPMENT, CONDUIT AND WIRING SHOWN DARK AND DASHED TO BE REMOVED BY ELECTRICAL CONTRACTOR UNLESS NOTED OTHERWISE.
- 34. ALL EQUIPMENT, CONDUIT AND WIRING SHOWN DARK AND SOLID IS NEW WORK TO BE FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR. 35. IN EXISTING RENOVATED FINISHED AREAS WHERE NEW CONDUIT AND WIRING ARE NOT ABLE TO BE INSTALLED CONCEALED IN CONSTRUCTION, FURNISH AND INSTALL SURFACE MOUNTED RACEWAY AS MANUFACTURERED BY LEGRAND/WIREMOLD, OR APPROVED
- EQUIVALENT. RACEWAY SIZE AND USAGE SHALL BE KEPT TO A MINIMUM. VERIFY EXISTING CONDITIONS AND COORDINATE WITH ARCHITECT PRIOR TO ROUGH-IN. 36. PROVIDE NEW BREAKERS IN EXISTING PANELBOARDS, IF REQUIRED. MATCH RATINGS AND MATE WITH EXISTING SIZE, IF REQUIRED.
- 37. UPON COMPLETION OF DEMOLITION WORK, CONFIRM QUANTITIES OF 'SPARE' 20 AMP, 1-POLE BREAKERS IN EXISTING 120 AND 277 VOLT PANELS FOR REUSE IN NEW WORK. PROVIDE LIST TO ARCHITECT AND ENGINEER FOR REVIEW, PRIOR TO ROUGH-IN.
- 38. EXISTING PANELBOARDS TO REMAIN. ASSOCIATED EXISTING BRANCH CIRCUITS TO BE TRACED AND VERIFIED FOR REMOVAL, TO REMAIN AND/OR TO BE EXTENDED/RE-ROUTED. PROVIDE NEW BRANCH CIRCUITS, AS REQUIRED. 39. EXISTING ELECTRICAL EQUIPMENT, DEVICES AND LIGHTING ARE TAKEN FROM AS-BUILT
- DRAWINGS. VERIFY EXISTING CONDITIONS. 40. PROVIDE A MINIMUM OF 2 #12 W, 1 #12 GROUND IN 3/4" CONDUIT FOR HOMERUN BRANCH CIRCUITS, UNLESS DETERMINED OTHERWISE BY VOLTAGE DROP.
- 41. ALL CONDUCTORS SHALL BE COPPER HAVING THHN/THWN AND XHHW INSULATION IN COMPLIANCE WITH NEMA WC 70 AND SUITABLE FOR WET LOCATION.

ELECTRICAL RENOVATION NOTES:

- 1. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM EXISTING BUILDING DOCUMENTS AND STAFF. VERIFY EXISTING CONDITIONS AND REPORT ANY
- CONFLICTS BEFORE PROCEEDING. 2. NOT ALL EXISTING EQUIPMENT, LUMINAIRES, AND CONDUIT ARE SHOWN. VERIFY EXISTING CONDITIONS AND REPORT ANY CONFLICTS WITH NEW WORK BEFORE STARTING WORK. 3. FIELD VERIFY THE AVAILABLE CLEARANCES FOR CABLE TRAY, BUSWAY AND CONDUITS BEFORE FABRICATION. RISES AND DROPS MAY BE NECESSARY BECAUSE OF EXISTING
- FIELD CONDITIONS. 4. EACH CONTRACTOR SHALL FIELD VERIFY ACCESSIBILITY TO THE AREA OF THEIR WORK AND SHALL NOTIFY THE GENERAL CONTRACTOR AND ARCHITECT/ENGINEER PRIOR TO BIDDING IF OTHER UTILITIES ARE REQUIRED TO BE REMOVED OR RELOCATED TO ALLOW ACCESS TO
- 5. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR CUTTING, REMOVAL AND PATCHING OF ROOFS, WALLS, AND FLOORS ASSOCIATED WITH WORK BY ALL CONTRACTORS. CONTRACTORS SHALL NOTIFY THE GC OF AFFECTED AREAS PRIOR TO BIDDING.
- 6. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR REMOVAL AND REPLACEMENT OF CEILINGS, CEILING TILES, AND CEILING GRIDS ASSOCIATED WITH AREAS OF WORK BY ALL CONTRACTORS. NOTIFY THE GENERAL CONTRACTOR OF AFFECTED AREAS PRIOR TO
- 7. WHERE EXISTING ELECTRICAL SYSTEMS ARE LOCATED IN AREAS THAT CONFLICT WITH NEW EQUIPMENT, PIPING, OR DUCTWORK TO BE INSTALLED, EACH CONTRACTOR SHALL EITHER ARRANGE NEW EQUIPMENT, CONDUIT, OR DUCTWORK IN SUCH A FASHION THAT IT DOES NOT CONFLICT WITH EXISTING SYSTEMS, OR REWORK EXISTING ELECTRICAL SYSTEMS TO



ALLOW FOR INSTALLATION OF NEW EQUIPMENT, PIPING, OR DUCTWORK.



REF. SCALE IN INCHES

ROBERTSON NUMBER 户E-2002016725 S P. Lindsay Robertson - #PE 2002016725 08.29.2025

CONSTRUCTION

ARCHITECTS ACI/Boland, Inc. Kansas City | St. Louis

1710 Wyandotte Kansas City, MO 64108 T: 816.763.9600 Licensee's Certificate of Authority Number: Missouri: #000958

MEP CONSULTANT

#00127265

1600 Baltimore Ave, Suite 300 Kansas City, MO 64108 816.842.8437 Licensee's Certificate of Authority Number:

> \Box \Box \Box \circ \triangleleft \supset

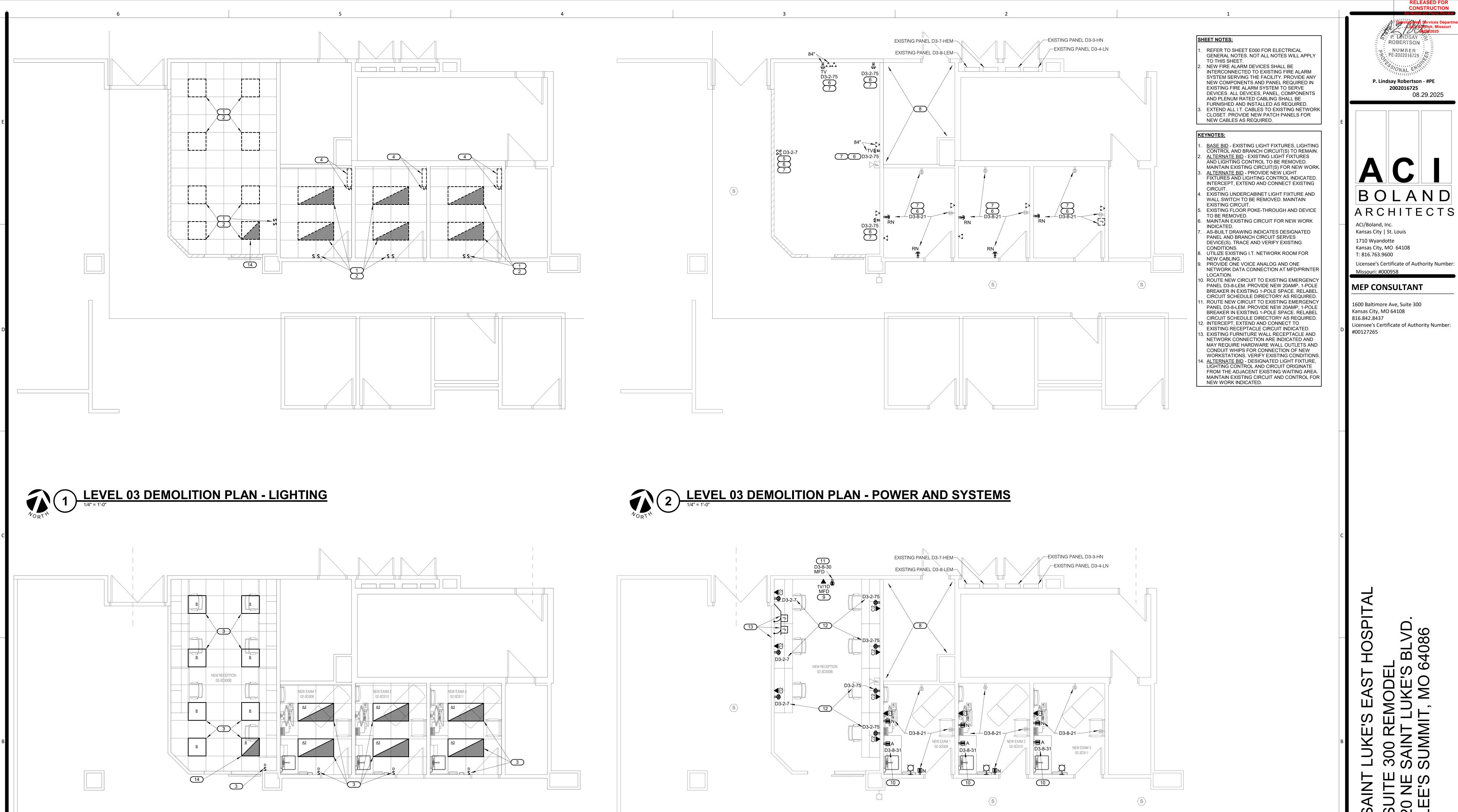
08.29.2025 Job Number 3-25069 MSA Drawn By Checked By

E000

PROJECT #25004922.00

ELECTRICAL COVERSHEET

© 2025 ACI/BOLAND, Inc



CONSTRUCTION

08.29.2025

ROBERTSON

NUMBER

2002016725

08.29.2025 3-25069 MSA PLR Job Number Drawn By Checked By

THIS DRAWING AND THE DATA SHOWN THEREON. SAID DRAWING AND/OR DATA ARE THE EXCLUSIVE PROPERTY OF IMEG AND SHALL NOT BE USED OR REPRODUCED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF IMEG. 2025 IMEG CONSULTANTS CORP. Missouri Certificate of Authority #2023010035 0 1 2 3

REF. SCALE IN INCHES PROJECT #25004922.00

AREA OF CONSTRUCTION —

LEVEL 03 PLAN - POWER AND SYSTEMS

1/4" = 1'-0"

E200 © 2025 ACI/BOLAND, Inc

LEVEL 03 PLAN - ELECTRICAL

3 LEVEL 03 PLAN - LIGHTING