



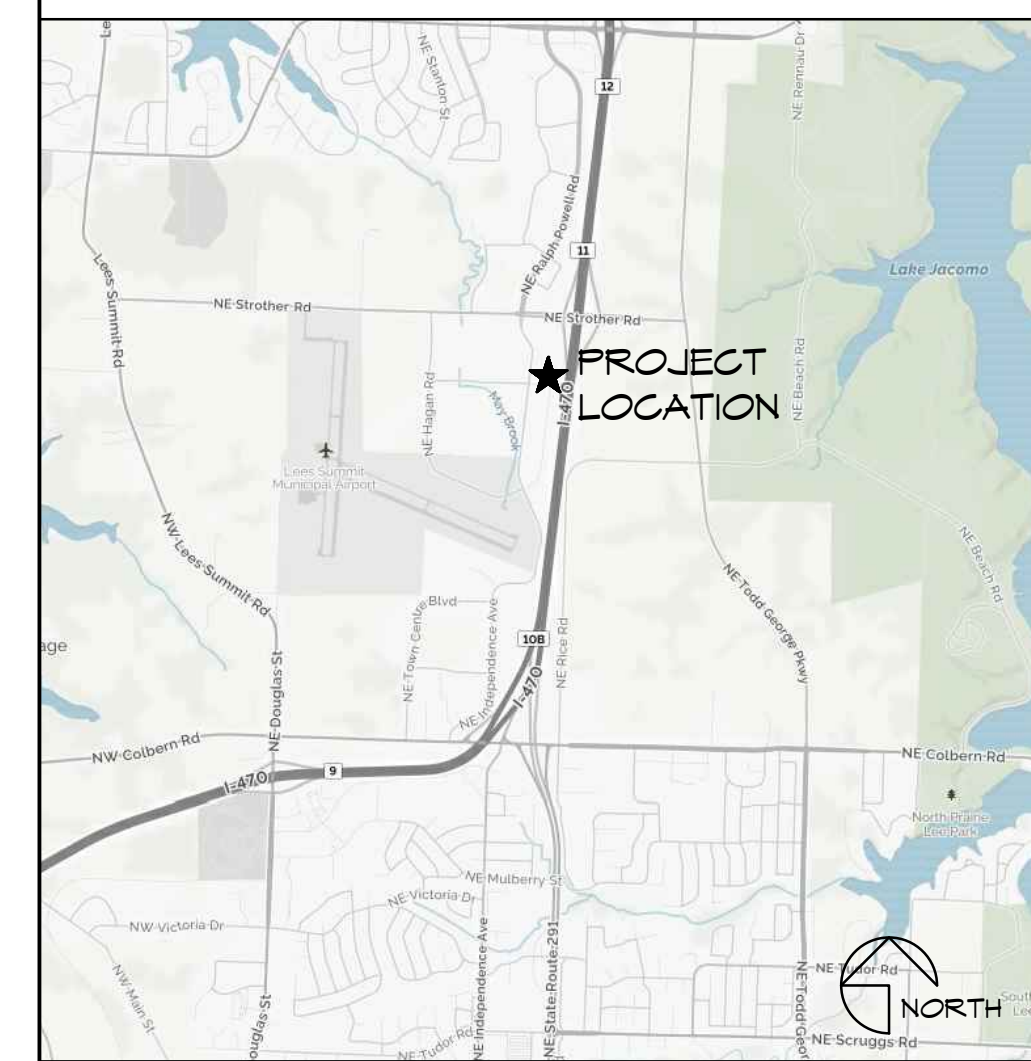
KANSAS CITY BONE & JOINT

2737 NORTHEAST
McBAINE DRIVE
LEE'S SUMMIT
MISSOURI, 64064

CODE NOTES

- A. TENANT FINISH
- B. ALL CONSTRUCTION FOR THIS PROJECT SHALL CONFORM TO THE FOLLOWING BUILDING CODES AND REQUIREMENTS ADOPTED AND AS AMENDED BY THE CITY OF LEE'S SUMMIT, MISSOURI:
 - B.1. 2010 International Building Code
 - B.2. 2010 International Plumbing Code
 - B.3. 2010 International Mechanical Code
 - B.4. 2010 International Fuel Gas Code
 - B.5. 2010 International Residential Code
 - B.6. 2010 International Fire Code
 - B.7. 2011 National Electrical Code
 - B.8. ICC/ANSI A111-2009, Accessible and Usable Buildings and Facilities
- C. OCCUPANCY GROUP: B
- D. CONSTRUCTION TYPE: IIB
- E. NONE-SPRINKLED
FIRE ALARM PROVIDED
- F. OCCUPIED AREA:
 - F.1. FIRST FLOOR: 5001 SF
- G. OCCUPANT LOAD (TABLE 1003.2.2.2):
 - G.1. FIRST FLOOR OCCUPIED AREA = 5001 SF / 150 = 33.36
- H. SPACES WITH ONE EXIT OR EXIT ACCESS DOORWAY (TABLE 1006.2.1):
 - H.1. COMMON PATH OF EGRESS TRAVEL IN GROUP B OCCUPANCY WITHOUT SPRINKLER SYSTEM IN A SPACE WITH OCCUPANT LOAD OF ≤ 30, THE LENGTH OF COMMON EGRESS TRAVEL SHALL NOT BE MORE THAN 100 FEET.

LOCATION MAP



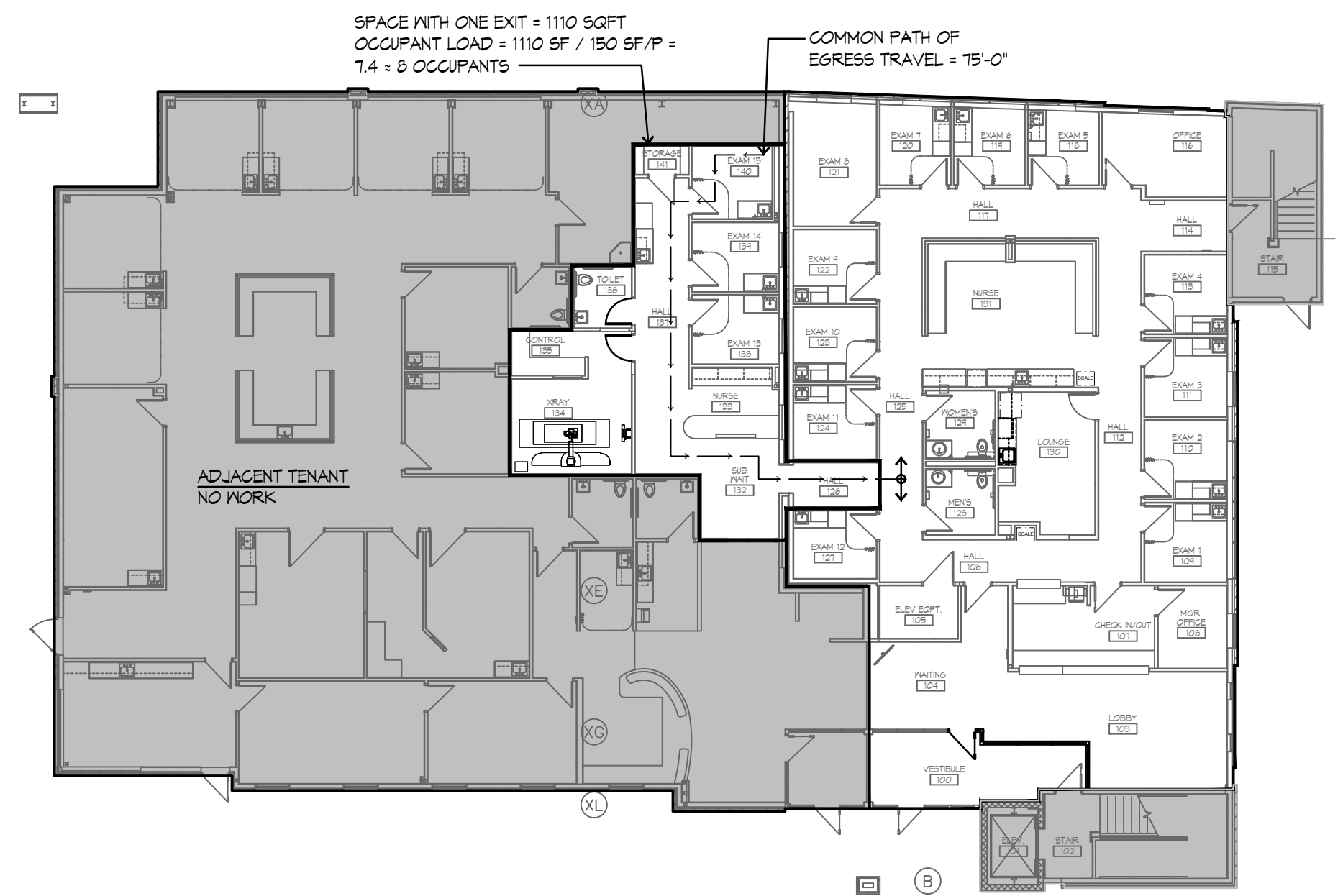
GENERAL NOTES

1. MAINTAIN ACCESS TO EXISTING WALKWAYS, CORRIDORS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT WALKWAYS, CORRIDORS, OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM TENANT.
2. DEFINITIONS:
 - 2.1. REMOVE AND DISCARD: DETACH ITEMS FROM EXISTING CONSTRUCTION AND LEGALLY DISPOSE OF THEM OFF-SITE.
 - 2.2. REMOVE AND SALVAGE: DETACH ITEMS FROM EXISTING CONSTRUCTION AND TURN OVER TO TENANT UNDAMAGED.
 - 2.3. RELOCATE: DETACH ITEMS FROM EXISTING CONSTRUCTION, MOVE ITEMS INTACT AND UNDAMAGED, AND REINSTALL THEM WHERE INDICATED.
 - 2.4. EXISTING TO REMAIN: EXISTING ITEMS OF CONSTRUCTION THAT ARE NOT TO BE REMOVED, BUT ARE TO REMAIN IN PLACE AND BE UNDAMAGED.
 - 2.5. REMOVE AND RECLAIM: DETACH ITEMS FROM EXISTING CONSTRUCTION. AT CONTRACTOR'S OPTION ITEM MAY BE REUSED AS PART OF NEW WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO INVENTORY ITEMS TO DETERMINE IF ITEMS WILL FUNCTION AND APPEAR LIKE THE NEW ITEMS SPECIFIED AND CALLED OUT ON THESE DOCUMENTS. IF ITEMS ARE REUSED, CONTRACTOR IS TO CLEAN, REPAIR, OR OTHERWISE BRING ITEMS TO LIKE NEW CONDITION. MODIFY REUSED ITEMS AS REQUIRED AND SUPPLEMENT WITH MATERIALS, AND INCIDENTALS NECESSARY TO EXECUTE A COMPLETE WORKMANLIKE JOB. IF CONTRACTOR CHOOSES TO NOT REUSE ITEM, LEGALLY DISPOSE OF ITEM OFF-SITE AND REPLACE WITH NEW TO MATCH EXISTING.
 - 2.6. PROVIDE: THE MEANING OF THE WORD "PROVIDED" INCLUDES, BUT IS NOT LIMITED TO, FURNISHED, DELIVERED, INSTALLED, FINISHED, MADE FULLY OPERABLE AND COMPLETE. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL WORK DESCRIBED IN THESE DOCUMENTS IS TO BE PROVIDED BY THE CONTRACTOR.
3. CONTRACTOR IS TO INCLUDE AS PART OF HIS SCOPE ALL CUTTING AND PATCHING REQUIRED THROUGH CAREFUL EVALUATION OF THE EXISTING SITE AND THE CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL COORDINATE THE CUTTING AND PATCHING OF EXISTING CONSTRUCTION NECESSARY TO PERMIT INSTALLATION OR PERFORMANCE OF THE WORK INDICATED IN THESE CONSTRUCTION DOCUMENTS. SAW-CUT CONCRETE SLAB AS REQUIRED FOR UTILITIES, FOR EQUIPMENT AND SINKS. VERIFY ROUTE AND TRENCH DEPTH IN FIELD. PATCH BACK WITH MATCHING SLAB THICKNESS OVER SAME MATERIAL, COMPACT UNDERLYING MATERIALS TO MEET BEST PRACTICES. DOVEL NEW TO EXISTING WITH #4 REBAR AT 30" OC.
4. WHERE WALLS, CASEWORK, FINISHES, EQUIPMENT OR OTHER ITEMS AND CONSTRUCTIONS HAVE BEEN REMOVED EXPOSING UNDERLYING WALL AND/OR FLOOR SURFACES, SUCH SURFACES ARE TO BE PATCHED AND REPAIRED AS REQUIRED TO ACCEPT NEW FINISHES. ALL HOLES, DAMAGES, DEFECTS, ETC. IN EXISTING SURFACES ARE TO BE PATCHED TO MATCH EXISTING CONDITIONS.
5. EXISTING CONDITIONS SHOWN ON THESE DRAWINGS ARE BASED UPON BASE BUILDING OR OTHER CONSTRUCTION DOCUMENTS MADE AVAILABLE TO THE DESIGNER BY THE BUILDING MANAGEMENT. ALL AS-BUILT ARCHITECTURAL CONDITIONS HAVE NOT BEEN FIELD VERIFIED AND MAY VARY FROM THOSE SHOWN.
6. PRIOR TO BID: FIELD VERIFY ALL EXISTING CONSTRUCTION TO REMAIN AND INCLUDE COSTS FOR REPAIR AND RECONDITION OF ALL EXISTING CONSTRUCTION TO REMAIN SO THAT IT MEETS THE AESTHETIC AND FUNCTIONAL STANDARD OF QUALITY FOR NEW CONSTRUCTION. BLEND AND MATCH EXISTING CONSTRUCTION WITH NEW CONSTRUCTION PRIOR TO BID, ADVISE TENANT OF ANY CONDITIONS WHICH CANNOT BE REPAIRED OR RECONDITIONED, BLENDED AND MATCHED. NOTE CONTRACT DOCUMENT REQUIREMENTS FOR EXISTING CONSTRUCTION AND INCLUDE COSTS FOR THIS WORK IN BID PROPOSAL.
7. THE GENERAL CONTRACTOR SHALL, IN THE BIDDING PROCESS, REQUIRE THAT MECHANICAL AND ELECTRICAL SUBCONTRACTORS MAKE A THOROUGH FIELD INSPECTION OF AS-BUILT CONDITIONS OF EXISTING SYSTEMS. AFTER SUCH FIELD VERIFICATION HAS BEEN COMPLETED, THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL PROVIDE IN THEIR BIDS, ANY MODIFICATIONS TO THE EXISTING SYSTEMS WHICH MAY BE REQUIRED TO ACCOMMODATE THE PROPOSED REQUIREMENTS FOR THIS TENANT. IF A DETERMINATION OF SUCH MODIFICATIONS CANNOT BE MADE, THE GENERAL CONTRACTOR SHALL NOTIFY THE TENANT, AND AT THE DIRECTION OF THE TENANT, PROVIDE AN AGREED UPON ALLOWANCE TO COVER SUCH WORK.
8. COMMENCING WORK BY A CONTRACTOR OR SUBCONTRACTOR CONSTITUTES ACCEPTANCE OF THE UNDERLYING CONDITIONS AND SURFACES. PRIOR TO PROCEEDING WITH THE WORK, PREPARE EXISTING AND NEW UNDERLYING CONDITIONS AND SUBSTRATE TO COMPLY WITH THE CONTRACT DOCUMENTS, INDUSTRY STANDARDS AND MANUFACTURER'S RECOMMENDATION.
9. FIELD VERIFY ALL ROUGH OPENINGS AND WALL WIDTHS PRIOR TO ORDERING OR FABRICATION OF MATERIALS.
10. DIMENSIONS ARE NOMINAL AND TO THE FACE OF PARTITIONS.
11. CLEAN-UP OF RUBBISH AND DEBRIS RESULTING FROM DEMOLITION AND NEW WORK SHALL BE COLLECTED REGULARLY FROM PROJECT SITE AND LEGALLY DISPOSED.
12. ALL WEATHER EXPOSED SURFACES SHALL HAVE A WEATHER RESISTIVE BARRIER TO PROTECT THE INTERIOR WALL COVERING AND EXTERIOR OPENINGS SHALL BE FLASHED IN SUCH A MANNER AS TO MAKE THEM WEATHERPROOF.
13. BUILDING ADDRESS NUMBERS TO BE PROVIDED ON THE FRONT AND STREET SIDE OF THE BUILDING. SAID NUMBERS SHALL BE A MIN. OF 1" HIGH WITH 1" WIDE STROKES CONTRASTING WITH THEIR BACKGROUND.
14. CONTRACTORS ARE RESPONSIBLE FOR ALL MATERIALS AND QUANTITIES SHOWN IN THESE DRAWINGS GRAPHICALLY AS WELL AS THOSE CALLED FOR BY NOTE.
15. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS TO COMPLETE THE PROPOSED WORK AND SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
16. THE TENANT OR THE TENANT'S DESIGNATED REPRESENTATIVE WILL PROVIDE SERVICES IN CONNECTION WITH ADMINISTRATION OF THE CONTRACT.
17. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL LOCAL LAWS, ORDINANCES, RULES AND REGULATIONS OF THE GOVERNING AGENCIES.

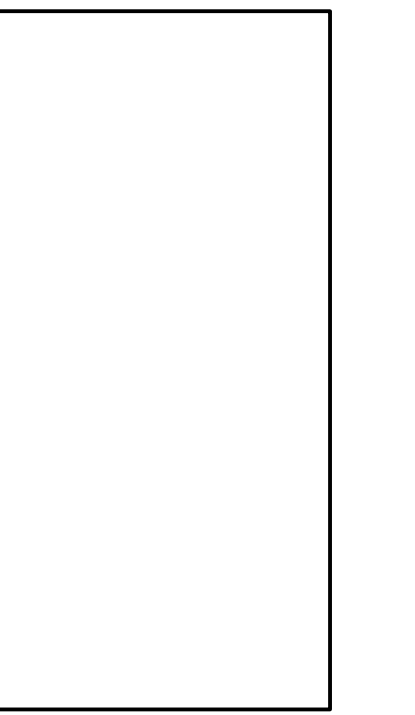
HAVING JURISDICTION

18. THE CONTRACTOR MUST TAKE ADEQUATE CARE TO PROTECT ALL AREAS OF THE BUILDING WHERE THE WORK OF THIS PROJECT IS LOCATED AS WELL AS THE AREAS ADJACENT TO THE AREA OF THE WORK OF THIS PROJECT SO AS TO PREVENT DAMAGE TO LIFE OR PROPERTY AS A RESULT OF THIS CONSTRUCTION PROJECT.
19. ONLY MATERIALS THAT ARE NEW, UNUSED, FREE FROM DEFECTS, AND THE BEST OF THEIR RESPECTIVE KINDS SHALL BE USED. THE BASIS OF QUALITY SHALL BE THE LATEST STANDARDS OF ASTM, ASA OR ASHRA.
20. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES INCLUDING THOSE OF THE TENANT WHO MAY BE ENGAGED UNDER A SEPARATE CONTRACT.
21. INSTALL ALL WORK IN SUCH A MANNER AS TO BE READILY ACCESSIBLE FOR OPERATION, MAINTENANCE AND/OR REPAIRS.
22. ALL WORK AND EQUIPMENT SHALL BE CLEANED TO THE SATISFACTION OF THE TENANT BEFORE BEING TURNED OVER FOR USE.
23. A COPY OF THE LATEST SET OF CONSTRUCTION DOCUMENTS SHALL BE KEPT AT THE JOB SITE AT ALL TIMES.
24. THE CONTRACTOR AND EACH SUBCONTRACTOR SHALL KEEP ACCURATE RECORDS OF ANY MODIFICATION OR DEVIATIONS FROM THE CONTRACT DRAWINGS.
25. PROJECT CLOSE OUT DOCUMENTS SHALL BE PROVIDED TO THE TENANT. INCLUDE AS-BUILT DRAWINGS, WARRANTY/MAINTENANCE MANUALS AND TESTING AND SUPERVISION AS REQUIRED. PRESERVE ALL PRINTED INSTRUCTIONS AND WARRANTIES THAT ARE PROVIDED WITH EQUIPMENT OR MATERIALS USED, AND DELIVER SAID PRINTED MATTER TO THE TENANT AT THE TIME OF SUBSTANTIAL COMPLETION. IF REQUESTED BY THE TENANT, INSTRUCT THE MANAGEMENT IN THE PROPER USE AND MAINTENANCE OF ALL ITEMS OF WORK PROVIDED.
26. PROVIDE WORK IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATION, EXCEPT IN THE CASE WHERE THE CONTRACT DOCUMENTS ARE MORE STRINGENT. PROVIDE ANY MISCELLANEOUS ITEMS OR MATERIALS NOT SPECIFICALLY NOTED, BUT REQUIRED FOR PROPER INSTALLATION OF THE WORK.
27. ALL WORK SHALL BE WARRANTED BY THE CONTRACTOR TO BE SATISFACTORY, IN MATERIALS AND WORKMANSHIP, FOR A MINIMUM PERIOD OF ON (1) YEAR, OR FOR THE PERIOD OF WARRANTY CUSTOMARY, SPECIFIED FOR, THE TRADE, CRAFT OR PRODUCT, WHICHEVER IS LONGER.
28. SUBMIT REQUESTS FOR SUBSTITUTIONS OF SPECIFIED ITEMS IN WRITING, ACCOMPANIED BY THE ALTERNATIVE PRODUCT INFORMATION, TO THE TENANT. SUBSTITUTIONS MAY BE CONSIDERED ONLY IF THEY DO NOT SACRIFICE QUALITY, APPEARANCE AND FUNCTION. ACCEPTANCE OF SUBSTITUTIONS IS AT THE SOLE DISCRETION OF THE TENANT.

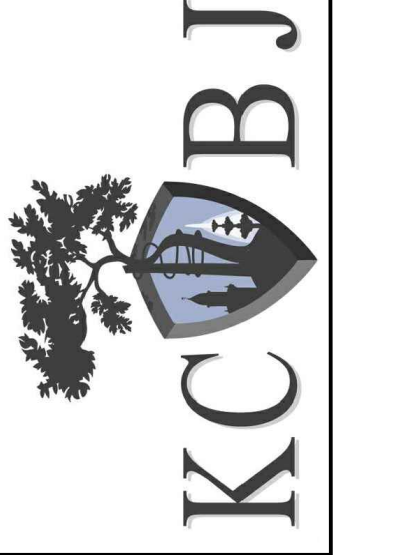
FIRST FLOOR CODE PLAN



**GUY GRONBERG
ARCHITECTS, P.C.**
113 S. 24th St.
Lee's Summit, MO 64063
Phone: 816.524.0870
Fax: 816.524.0570



KANSAS CITY
BONE & JOINT
2737 NORTHEAST
McBAINE DRIVE
LEE'S SUMMIT
MISSOURI, 64064

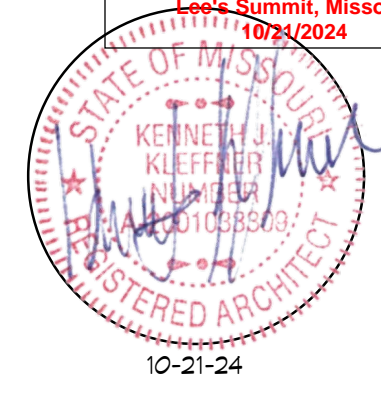


This drawing has been prepared by the architect or engineer and is to be used for the construction of the project only. It is not to be used for any other purpose without the written consent of the architect or engineer. The architect or engineer is not responsible for any errors or omissions in this drawing or for any consequences arising therefrom. The architect or engineer is not responsible for any information contained herein that is not derived from the architect or engineer's files. 2023.614
GUY GRONBERG ARCHITECTS, P.C.

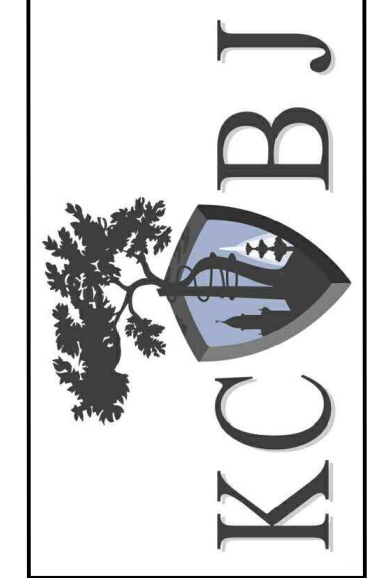
REV#	DATE	DESCRIPTION

Issue Date: 10-10-24
Project #: 24001

A1



KANSAS CITY
BONE & JOINT
2737 NORTHEAST
MGBAINE DRIVE
LEE'S SUMMIT
MISSOURI, 64064

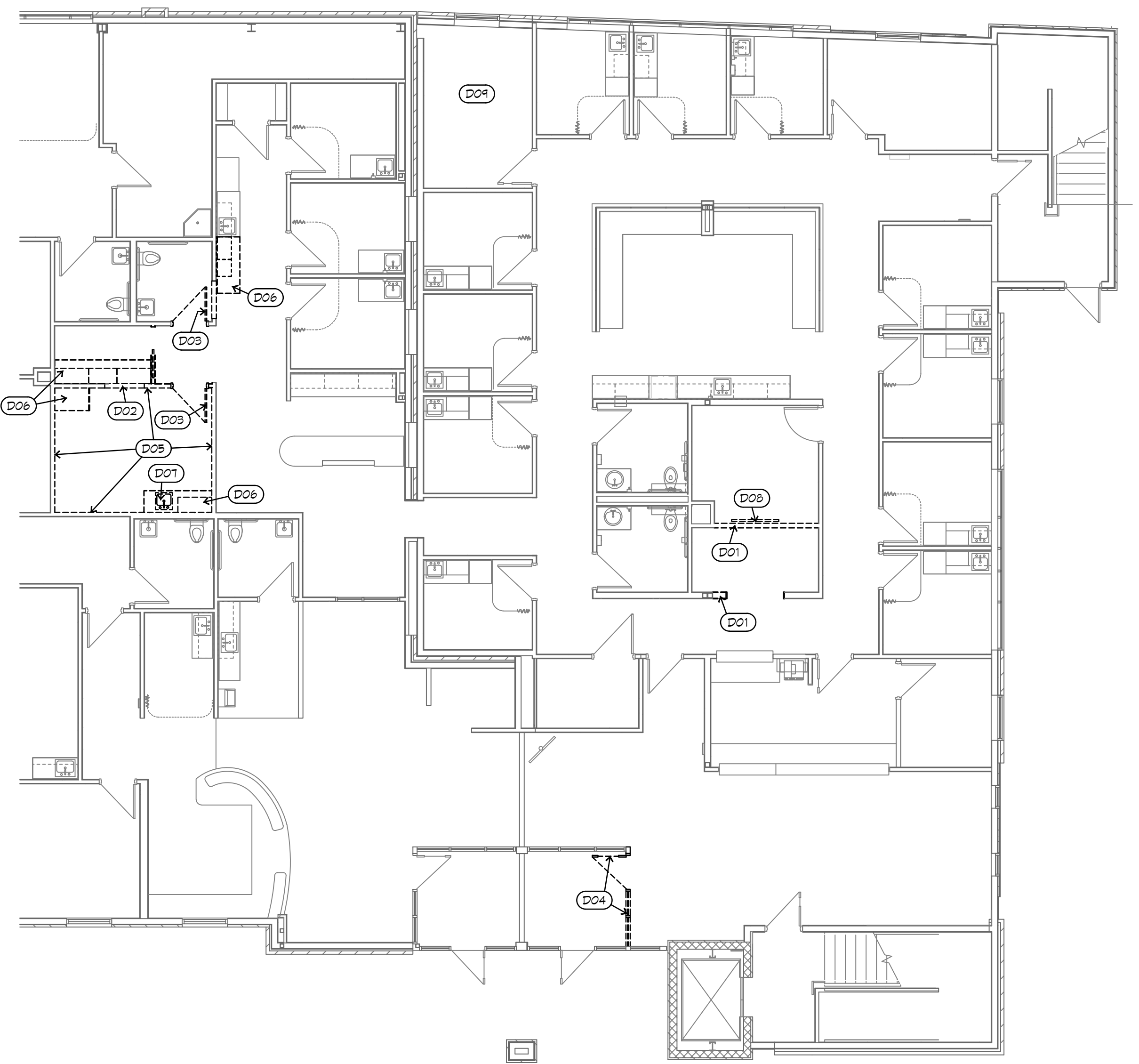


This drawing has been prepared by the architect or its duly licensed professional staff. It is to be used for the purpose of construction only. It is not to be used for any other purpose without the written consent of the architect. The architect assumes no responsibility for the accuracy of the information contained herein or for the construction of the project. GUY GRONBERG ARCHITECTS, P.C.

REV#	DATE	DESCRIPTION	CITY COMMENTS
1	10-21-24		

Issue Date: 10-10-24
Project #: 24001

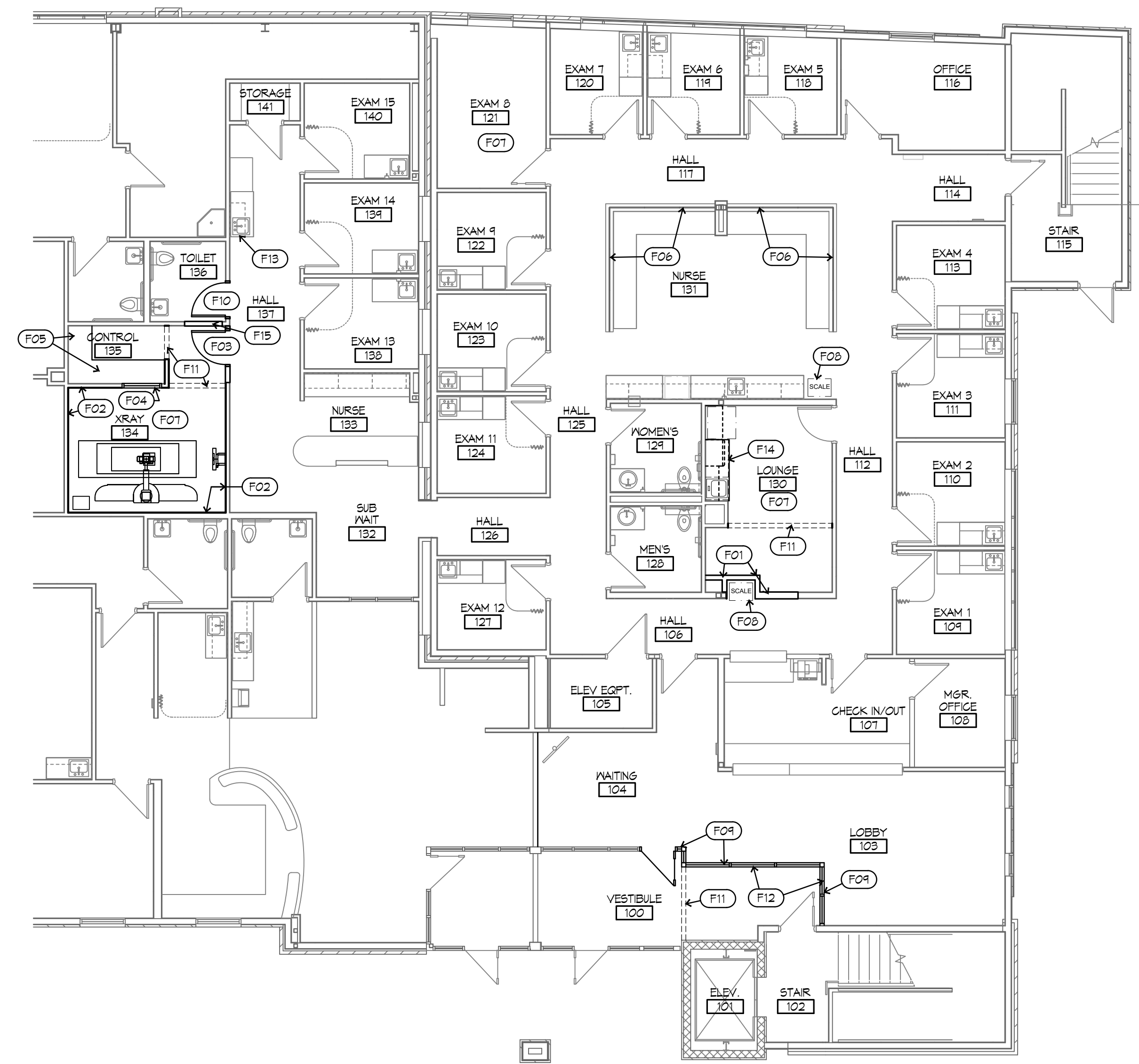
A2



2 DEMOLITION PLAN
1/4"=1'-0"
PLAN NORTH

DEMOLITION PLAN NOTES

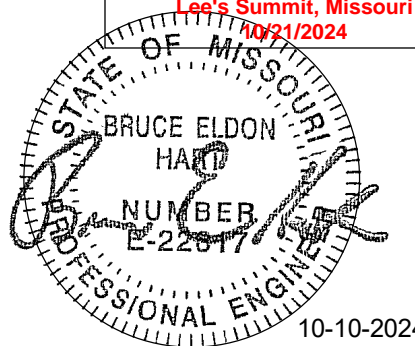
- (D01) REMOVE DISCARD WALL AND FRAMING.
- (D02) REMOVE AND DISCARD PORTION OF WALL AND REFRAME AS REQUIRED FOR NEW XRAY VIEW OPENING.
- (D03) REMOVE AND RECLAIM DOOR, FRAME, AND HARDWARE
- (D04) REMOVE AND RECLAIM ALUMINUM STOREFRONT FRAMING, DOOR HARDWARE, GLAZING ECT.
- (D05) REMOVE AND DISCARD GYPSUM BOARD FROM FACE OF WALL. WALL FRAMING IS EXISTING TO REMAIN EXCEPT REFRAME AS REQUIRED FOR INSTALLATION OF NEW EQUIPMENT AND OPENINGS.
- (D06) REMOVE AND DISCARD CASEWORK AND COUNTERTOPS.
- (D07) REMOVE AND DISCARD PLUMBING FIXTURES. REMOVE AND DISCARD PLUMBING LINES BACK TO MAIN LINES AND CAP.
- (D08) REMOVE AND SALVAGE TV AND MOUNT.
- (D09) REMOVE AND DISCARD FLOORING AND BASE FROM ROOM OR AREA.



1 FLOOR PLAN
1/4"=1'-0"
PLAN NORTH

FLOOR PLAN NOTES

- (F01) NEW WALL OF 3/8" GYPSUM BOARD ON EACH SIDE OF 3/4" METAL STUDS FROM FLOOR TO UNDERSIDE OF DECK ABOVE. PROVIDE DEEP LEAD DEFLECTION TRACK AT TOP OF WALL. FILL ALL VOIDS WITH 3/4" UNFACED ACOUSTICAL BATT INSULATION.
- (F02) ON FACE OF EXISTING TO REMAIN FRAMING INSTALL 3/8" THICK LEAD LINED GYPSUM BOARD. FOR THICKNESSES OF LEAD SHIELDING PROTECTION REFER TO INTEGRATED SCIENCE SUPPORT, INC. DOCUMENT DATED JULY 10, 2024 PREPARED FOR THIS LOCATION.
- (F03) PROVIDE NEW DOOR, FRAME, AND ADA LEVER HARDWARE THAT PROVIDES THE EQUIVALENT OR GREATER LEAD SHIELDING PROTECTION THEN INDICATED IN THE INTEGRATED SCIENCE SUPPORT, INC. DOCUMENT DATED JULY 10, 2024 PREPARED FOR THIS LOCATION. VENEER, STAIN AND FINISH ON DOOR TO MATCH EXISTING DOORS. PAINT FRAME TO MATCH EXISTING FRAMES.
- (F04) PROVIDE NEW FRAME, AND GLAZING THAT PROVIDES THE EQUIVALENT OR GREATER LEAD SHIELDING PROTECTION THEN INDICATED IN THE INTEGRATED SCIENCE SUPPORT, INC. DOCUMENT DATED JULY 10, 2024 PREPARED FOR THIS LOCATION. PAINT FRAME TO MATCH EXISTING FRAMES.
- (F05) NEW 25" DEEP PLASTIC LAMINATE CLAD COUNTER AND BACKSPASH. PROVIDE WALL BRACETS AT MAX 3'-0" O.C.
- (F06) APPLY PRIVACY FILM TO GLASS
- (F07) PROVIDE NEW LUXURY VINYL TILE FLOORING, WALL BASE, AND PAINT ON WALLS THROUGHOUT ROOM OR AREA. COORDINATE EXACT FINISH SELECTIONS WITH OWNER.
- (F08) SCALE TO BE OWNER PROVIDED. CONTRACTOR TO COORDINATE AND PROVIDE ELECTRICAL, DATA, BLOCKING ECT.
- (F09) NEW ALUMINUM STOREFRONT TO MATCH EXISTING.
- (F10) PROVIDE NEW (OR AT CONTRACTOR OPTION RECLAIM EXISTING) DOOR, FRAME, AND ADA LEVER HARDWARE. VENEER, STAIN AND FINISH ON DOOR TO MATCH EXISTING DOORS. PAINT FRAME TO MATCH EXISTING FRAMES.
- (F11) PROVIDE 5" WIDE GYPSUM BOARD HEADER AT LOCATION OF REMOVED WALL AT 1' BELOW LOWEST ADJACENT CEILING HEIGHT. PAINT TO MATCH CEILINGS. ADJUST 3/8" EXPOSED T GRID, ACOUSTICAL CEILING GRID AND LIGHTING TO ACCOMMODATE NEW LAYOUT.
- (F12) PROVIDE 5" WIDE GYPSUM BOARD HEADER AT HEAD OF ALUMINUM STOREFRONT. BRACE HEADER WITH 45° KICKERS UP TO STRUCTURE ABOVE AT 4'-0" O.C. PAINT TO MATCH CEILINGS. ADJUST 3/8" EXPOSED T GRID, ACOUSTICAL CEILING GRID AND LIGHTING TO ACCOMMODATE NEW LAYOUT.
- (F13) ON A DESIGN BUILD BASIS PROVIDE NEW COUNTERTOP AND FINISHED END PANEL AT LOCATION OF MODIFIES CASEWORK.
- (F14) ON A DESIGN BUILD BASIS PROVIDE PLASTIC LAMINATE CLAD BASE CABINETS, COUNTERTOP, AND UPPERS. COORDINATE LAYOUT WITH TENANT. RIM OF SINK TO BE MAXIMUM OF 34" AFF.
- (F15) INFILL WALL AT REMOVED DOOR LOCATION WITH 3/8" GYPSUM BOARD ON METAL STUD FRAMING TO PROVIDE FLUSH WALL SURFACE EACH SIDE.



VIEW KEY

NAME — LEVEL NAME
10'-0" — HEIGHT ABOVE PROJECT 0'-0"

1 — KEYNOTE: INDICATES NOTE USED TO DESCRIBE ADDITIONAL INFORMATION ABOUT WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL

INDICATES DIRECTION OF TRUE NORTH

PLAN OR DETAIL NUMBER

PLAN OR DETAIL NAME

VIEW NAME

1/8" = 1'-0"

PLAN OR DETAIL SCALE

INDICATES SIMILAR DETAIL REFERENCED IN MULTIPLE LOCATIONS

DETAIL REFERRED TO BY SECTION CUT

SHEET DETAIL IS LOCATED ON

LINE TYPE AND TAG KEY:

NEW WORK BY THIS CONTRACTOR (WIDE LINE)

NEW

----- EXISTING TO BE REMOVED (SHORT DASHED PATTERN)

----- NEW UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

EXISTING TO REMAIN OR WORK BY OTHERS (NARROW LINE)

EXISTING

----- EXISTING TO BE REMOVED BY OTHERS (SHORT DASHED PATTERN)

----- EXISTING UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

HALFTONING DOES NOT MODIFY SCOPE.

'TAG-E TAGS WITH DASH 'E' INDICATES THE REFERENCED OBJECT IS EXISTING

TAG-1 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

CONTRACTOR ABBREVIATION KEY

ABBR:	DESCRIPTION:
A.C.	ASBESTOS ABATEMENT CONTRACTOR
A.V.C.	AUDIOVISUAL 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 SYMBOL LIST

NOT ALL SYMBOLS MAY APPLY.

SYMBOL:	DESCRIPTION:
—AV—	ACID VENT
—AW—	ACID WASTE
—CA—	COMPRESSED AIR
—CW—	COLD WATER - POTABLE
—D—	DRAIN - PLUMBING
—DI—	DEIONIZED WATER
—DPP—	DRAIN - PIPING
—FP—	FIRE PROTECTION
—G—	NATURAL GAS
—GSAN—	SANITARY DRAINAGE (GREASE SANITARY DRAINAGE)
—HW—	HOT WATER - POTABLE
—HWC—	HOT WATER CIRCULATING - POTABLE
—JA—	INSTRUMENT AIR
—MA—	MEDICAL AIR
—MPG—	MEDIUM PRESSURE GAS
—MV—	MEDICAL VACUUM
—N—	NITROGEN
—NO—	NITROUS OXIDE
—O—	OXYGEN
—PCWS/PCWR—	PROCESS COOLING WATER SUPPLY/RETURN
—PD—	PUMPED DISCHARGE
—PW—	PURE WATER
—RO—	REVERSE OSMOSIS WATER
—SAN—	SANITARY DRAINAGE
—SCW—	SOFT COLD WATER
—SHW—	SOFT HOT WATER
—ST(1,000)—	STORM DRAINAGE (ROOF SQUARE FOOTAGE)
—STS—	STORM DRAINAGE (SECONDARY)
—STW—	SOFT TEMPERED WATER
—TW—	TEMPERED WATER
—V—	VENT
—VAC—	LAB VACUUM
—W—	SERVICE WATER - POTABLE
—WAGD—	WASTE ANESTHESIA GAS DISPOSAL
—>—	PIPE CONTINUATION
— —	PIPE CAP
—>—	PIPE DOWN
—○—	PIPE UP OR UP/DOWN
—○ FD—	PIPE SERVING FIXTURE ON FLOOR ABOVE (EXAMPLE: FD = FLOOR DRAIN)
—>—	PITCH PIPE IN DIRECTION
—>—	DIRECTION OF FLOW IN PIPE
—└—	ROUTE TO DRAIN
RD-1 6"(1000)	ROOF DRAIN PROPERTIES SYMBOL SIZE (ROOF SQ. FT.)
— —	DIELECTRIC CONNECTION
— —	UNION/FLANGE
— —	SHUTOFF VALVE NORMALLY OPEN
— —	SHUTOFF VALVE NORMALLY CLOSED
— —	BALANCING VALVE (NUMBER INDICATES GPM)
— —	CHECK VALVE

PLUMBING ROUGH-IN SCHEDULE

NOTES: (APPLIES TO ALL PLUMBING FIXTURES LISTED BELOW)
1) 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 MINIMUM 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).

TAG NAME	DESCRIPTION	TRAP	COLD WATER	HOT WATER	SANITARY	VENT
SK-1	SINK	1 1/2"	1/2"	1/2"	1 1/2"	1 1/2"

PLUMBING ABBREVIATION KEY

ABBR:	DESCRIPTION:
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
BFP	BACKFLOW PREVENTER
C	COMMON
CO	CLEANOUT
DN	DOWN
DPG (0-2")	DIFFERENTIAL PRESSURE GAUGE (RANGE)
DPS	DIFFERENTIAL PRESSURE SWITCH
E	EXISTING
EA	EXHAUST/RELIEF AIR
EFD	EXISTING FIRE DAMPER
EFSD	EXISTING FIRE SMOKE DAMPER
EP	ELECTRICAL TO PNEUMATIC VALVE
ESD	EXISTING SMOKE DAMPER
FCO	FLOOR CLEANOUT
FD	FIRE DAMPER
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
FS	FLOOR SINK
FSD	FIRE/SMOKE DAMPER
L or LAV	LAVATORY
MB	MOP BASIN
MV	MIXING VALVE
N.C.	NORMALLY CLOSED
NIC	NOT IN CONTRACT
N.O.	NORMALLY OPEN
OA	OUTSIDE AIR
PS	PRESSURE SWITCH
RA	RETURN AIR
SA	SUPPLY AIR
SD	SMOKE DAMPER
SK	SINK
SS	SERVICE SINK
TAB	TERMINAL AIR BOX
TD	TRANSFER DUCT
TYP	TYPICAL
UB	UTILITY BOX
UC-1	DOOR UNDERCUT BY OTHERS (1" TYPICAL)
UON	UNLESS OTHERWISE NOTED

- ### PLUMBING GENERAL NOTES:
- 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.
 - 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.
 - CONTRACTOR SHALL VERIFY THAT FIXTURES SUPPLIED ARE APPROVED PER ALL APPLICABLE STATE, LOCAL AND GOVERNING AUTHORITIES.
 - ALL FIXTURES SHALL CONFORM TO FEDERAL ACT S.3874
 - INVERT ELEVATIONS ARE FROM EXISTING DRAWINGS AND MAY NOT BE ACCURATE. VERIFY ALL ELEVATIONS BEFORE BEGINNING WORK.
 - VERIFY UNDERGROUND PIPE SIZES, INVERT ELEVATIONS, AND LOCATIONS PRIOR TO BEGINNING ANY WORK.
 - REFER TO THE PLUMBING ROUGH-IN SCHEDULE FOR THE SIZES OF BRANCH PIPES TO PLUMBING FIXTURES.
 - EXISTING CONDITIONS ON DEMOLITION PLANS ARE PROVIDED TO INDICATE THE GENERAL SCOPE OF ITEMS TO BE REMOVED. REFER TO SPECIFICATION SECTION 22 05 05 FOR ADDITIONAL DEMOLITION INFORMATION.
 - P.C. SHALL CUT AND PATCH EXISTING AS REQUIRED FOR NEW OR DEMOLITION WORK UNLESS NOTED OTHERWISE. REFER TO SPECIFICATION SECTION 22 05 05 FOR ADDITIONAL INFORMATION.

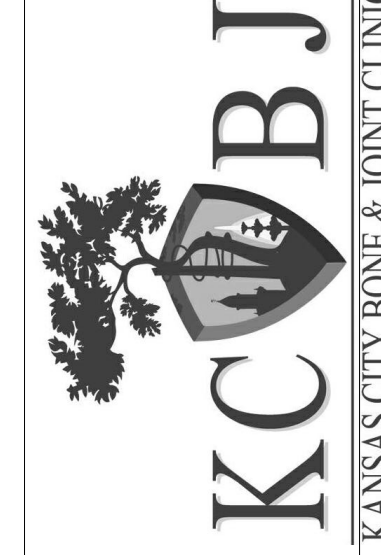
GUY GRONBERG ARCHITECTS, P.C.

100 BALTIMORE SUITE 300
118 SE 24TH ST.
LEE'S SUMMIT, MO 64063
Phone: 816.524.0219
Fax: 816.524.9570

IMEG

1000 BALTIMORE SUITE 300
118 SE 24TH ST.
LEE'S SUMMIT, MO 64063
PROJECT #24000931.00

KANSAS CITY BONE & JOINT
2737 NORTHEAST McBAINE DRIVE
LEE'S SUMMIT MISSOURI, 64064



This drawing has been provided as an instrument of service. It is not to be used for any other project without the written consent of IMEG. It is the property of IMEG and shall not be reproduced, copied, or transmitted in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without the prior written permission of IMEG. The original copy of this drawing, and the reproduction of information on this drawing, is the property of IMEG. ©2024 IMEG CONSULTANTS CORP. GUY GRONBERG ARCHITECTS, P.C.

REV#	DATE	DESCRIPTION

Issue Date: **10/10/2024**
Project #: **24001**

IMEG

1000 BALTIMORE SUITE 300
KANSAS CITY, MO 64108
P: 816.842.8437
www.imegcorp.com

IMEG RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO 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. ©2024 IMEG CONSULTANTS CORP. Missouri Certificate of Authority #0203010035

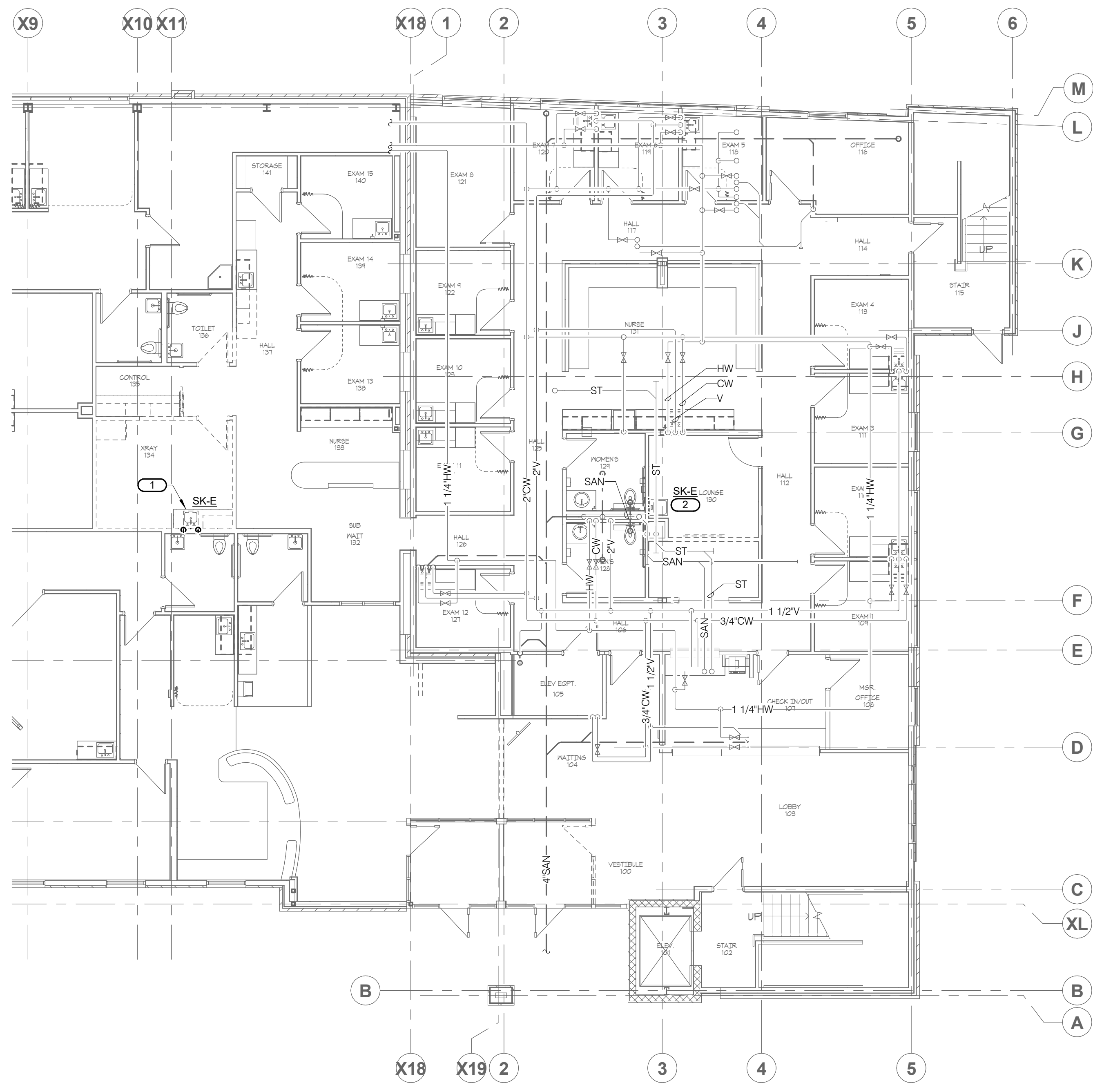
TAG NAME	DESCRIPTION	MANUFACTURER AND MODEL
SK-1	SINK - SELF-RIMMING SINGLE COMPARTMENT WITH FAUCET DECK, 18 GAUGE TYPE 304 STAINLESS STEEL, 19" (SIDE-TO-SIDE) x 18" (FRONT-TO-BACK) OVERALL SIZE, SOUND DEADENING ON BOTTOM OF BASIN, 3-1/2" DIAMETER DRAIN OUTLET LOCATION CENTERED IN BOWL, PERFORATED TYPE 304 STAINLESS STEEL GRID STRAINER. SINK TRIM - SENSOR ACTIVATED MIXING FAUCET, BATTERY POWERED, BRASS CONSTRUCTION, CHROME-PLATED FINISH, DECK MOUNTED, RIGID GOOSENECK SPOUT WITH NOMINAL 6" REACH AND AERATOR, SINGLE HOLE, SOLID BRASS SOLENOID WITH BUILT-IN FILTER, WATERPROOF CONNECTORS AND CABLE. CHICAGO FAUCET NO 895-GN2FC-317-XK FAUCET, 4" CENTERS, NO. 317 4" WRIST BLADE HANDLES CERAMIC CARTRIDGE & "FC" FLOW CONTROL DEVICE, ELKAY NO. LK18 C.P. BRASS GRID STRAINER AND 1-1/2" C.P. BRASS TAILPIECE, DEARBORN NO. 510-17 GAUGE 1-1/2" "P" TRAP WITH CLEANOUT AND ESCUTCHEON, DEARBORN NO. 2712 KCW HOT AND COLD WATER COMPRESSION INLET SUPPLIES AND STOPS.	SINK - ELKAY (LR/LK18B), JUST (SL/J-35-SSF), FRANKLE (LBS)

SHEET NOTES:

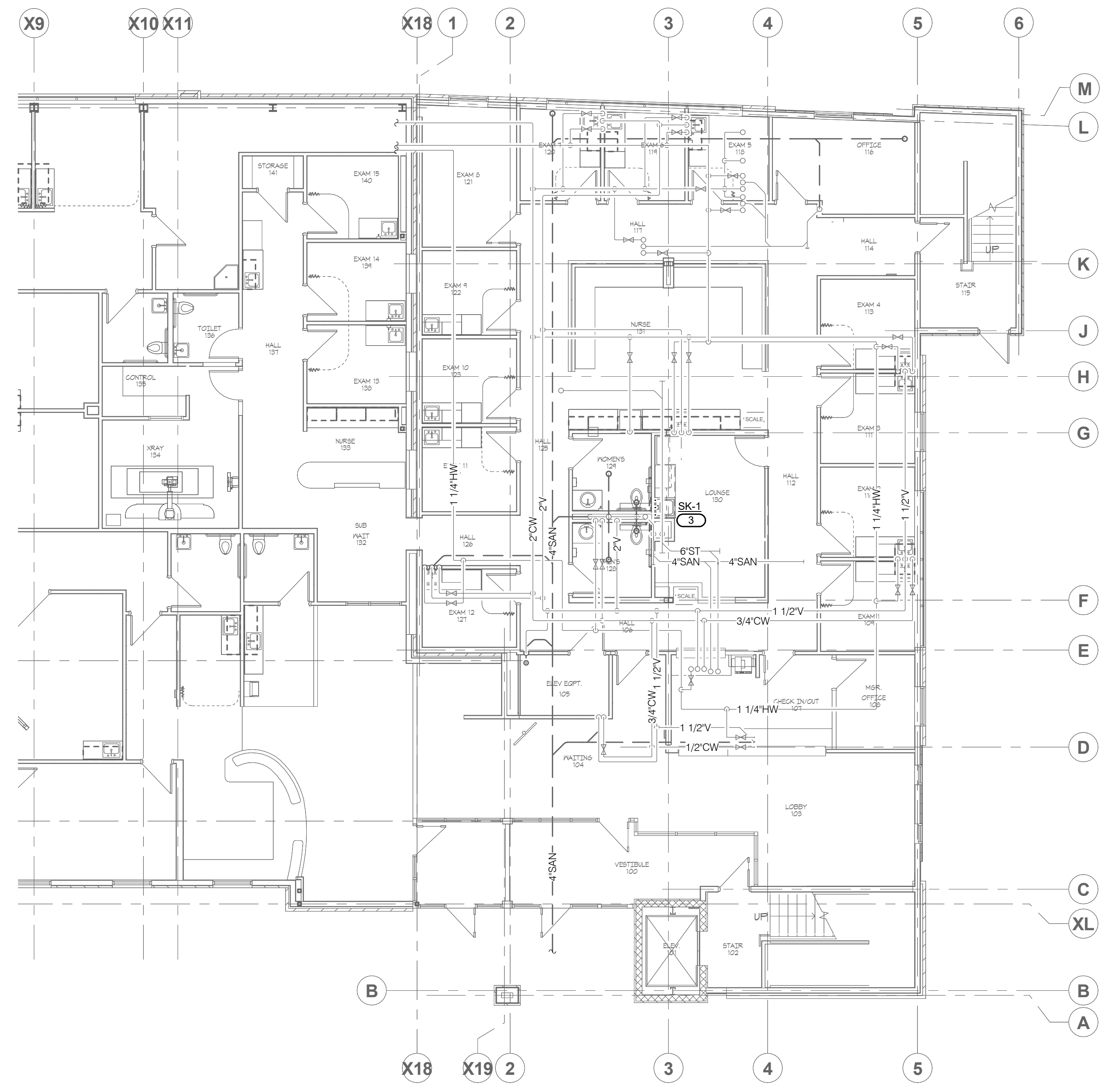
- REFER TO SHEET M000 FOR GENERAL NOTES AND SYMBOLS LIST.
- SYSTEM SHUTDOWNS SHALL BE MINIMIZED AND SHALL BE COORDINATED WITH THE OWNER A MINIMUM OF 2 WEEKS BEFORE PLANNED SHUTDOWNS.

KEYNOTES: (F)

- REMOVE EXISTING SINK AND CAP PIPING BEHIND THE WALL.
- REMOVE EXISTING SINK. MAINTAIN WATER, WASTE & VENT PIPING FOR NEW SINK.
- RE-USE EXISTING ROUGH-IN. ROUTE PIPING AS NECESSARY IN WALL OR BELOW COUNTER TO SERVE NEW SINK.



1 LEVEL 01 DEMOLITION PLAN - PLUMBING
1/8" = 1'-0"



2 LEVEL 01 PLAN - PLUMBING
1/8" = 1'-0"

IMEG
1600 BALTIMORE SUITE 300
KANSAS CITY, MO 64108
P: 816.842.8437
www.imegcorp.com

IMEG RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO 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.
©2024 IMEG CONSULTANTS CORP.
Missouri Certificate of Authority #0203010035
PROJECT #24001003

REF. SCALE IN INCHES PROJECT #24001003

GUY GRONBERG ARCHITECTS, P.C.
118 SE 37th St.
Lee's Summit, MO 64043
Phone 816.524.9513
Fax 816.524.9510

IMEG
1600 BALTIMORE SUITE 300
KANSAS CITY, MO 64108
P: 816.842.8437
www.imegcorp.com

KANSAS CITY BONE & JOINT
2737 NORTHEAST McBAINE DRIVE
LEE'S SUMMIT MISSOURI, 64064

KC B J
KANSAS CITY BONE & JOINT CLINIC

This drawing has been provided as an advisory service only. It is not intended to be used for construction purposes. The user of this drawing assumes all liability for any errors or omissions. The original copy of this drawing is the only valid version. All other copies are void. If you have any questions, please contact the architect at the address above.

REV#	DATE	DESCRIPTION

Issue Date: 10/10/2024
Project #: 24001

SHEET NUMBER
P101

VIEW KEY

NAME → LEVEL NAME
10'-0" → HEIGHT ABOVE PROJECT 0'-0"

KEYNOTE: INDICATES NOTE USED TO DESCRIBE ADDITIONAL INFORMATION ABOUT WORK REQUIRED, SPECIFIC TO THE SHEET AND/OR DETAIL

INDICATES DIRECTION OF TRUE NORTH
PLAN OR DETAIL NUMBER
PLAN OR DETAIL NAME
PLAN OR DETAIL SCALE

VIEW NAME
1/8" = 1'-0"

INDICATES SIMILAR DETAIL REFERENCED IN MULTIPLE LOCATIONS
DETAIL REFERRED TO BY SECTION CUT
SHEET DETAIL IS LOCATED ON

LINE TYPE AND TAG KEY:

NEW WORK BY THIS CONTRACTOR (WIDE LINE)
NEW
EXISTING TO BE REMOVED (SHORT DASHED PATTERN)
NEW UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

EXISTING TO REMAIN OR WORK BY OTHERS (NARROW LINE)
EXISTING
EXISTING TO BE REMOVED BY OTHERS (SHORT DASHED PATTERN)
EXISTING UNDERFLOOR OR UNDERGROUND (LONG DASHED PATTERN)

HALFTONING DOES NOT MODIFY SCOPE.

'TAG'-E TAGS WITH DASH 'E' INDICATES THE REFERENCED OBJECT IS EXISTING

TAG-1 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

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

MECHANICAL SYMBOL LIST

NOT ALL SYMBOLS MAY APPLY.

SYMBOL:	DESCRIPTION:
	DIRECTION OF AIR FLOW
	FLEXIBLE DUCT
	MANUAL VOLUME DAMPER
	RISE IN DIRECTION OF AIR FLOW
	DROP IN DIRECTION OF AIR FLOW
	DUCT CAP
	DUCT DOWN
	DUCT UP
	SUPPLY/OUTSIDE AIR DUCT SECTION
	RETURN AIR DUCT SECTION
	EXHAUST/RELIEF AIR DUCT SECTION
	4-WAY DIFFUSER WITH BLANKOFF IN ONE DIRECTION
	AIR TERMINAL PROPERTIES SYMBOL NECK SIZE/CFM
	VARIABLE AIR VOLUME BOX (REFER TO SCHEDULE)
	FAN POWERED TERMINAL AIR BOX w/REHEAT COIL (REFER TO SCHEDULE)
	OPPOSED BLADE DAMPER (REFER TO SCHEDULE)
	PARALLEL BLADE DAMPER (REFER TO SCHEDULE)
	AIRFLOW MEASUREMENT SYMBOL XX - AHU SYMBOL Y - SEQUENTIAL NUMBER
	DIFFERENTIAL PRESSURE SENSOR
	THERMOSTAT/SENSOR

MECHANICAL ABBREVIATION KEY

ABBR:	DESCRIPTION:
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
BFP	BACKFLOW PREVENTER
C	COMMON
CO	CLEANOUT
DN	DOWN
DPG (0-2")	DIFFERENTIAL PRESSURE GAUGE (RANGE)
DPS	DIFFERENTIAL PRESSURE SWITCH
E	EXISTING
EA	EXHAUST/RELIEF AIR
EFD	EXISTING FIRE DAMPER
EFS	EXISTING FIRE SMOKE DAMPER
EP	ELECTRICAL TO PNEUMATIC VALVE
ESD	EXISTING SMOKE DAMPER
FCO	FLOOR CLEANOUT
FD	FIRE DAMPER
FOB	FLAT ON BOTTOM
FOT	FLAT ON TOP
FS	FLOOR SINK
FSD	FIRE/SMOKE DAMPER
L or LAV	LAVATORY
MB	MOP BASIN
MV	MIXING VALVE
N.C.	NORMALLY CLOSED
NIC	NOT IN CONTRACT
N.O.	NORMALLY OPEN
OA	OUTSIDE AIR
PS	PRESSURE SWITCH
RA	RETURN AIR
SA	SUPPLY AIR
SD	SMOKE DAMPER
SK	SINK
SS	SERVICE SINK
TAB	TERMINAL AIR BOX
TD	TRANSFER DUCT
TYP	TYPICAL
UB	UTILITY BOX
UC-1	DOOR UNDERCUT BY OTHERS (1" TYPICAL)
UON	UNLESS OTHERWISE NOTED

- ### MECHANICAL RENOVATION NOTES:
- THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, VENTILATION, PIPING AND TEMPERATURE CONTROL.
- 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.
 - 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 CONDITIONS.
 - 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.
 - 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 BIDDING.
 - 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.
 - PROVIDE TEMPORARY CONNECTIONS TO MAINTAIN EXISTING SYSTEMS IN SERVICE DURING CONSTRUCTION. MAINTAIN ACCESS TO EXISTING MECHANICAL INSTALLATIONS THAT REMAIN ACTIVE.
 - 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.
 - 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 CHANGEVER TO NEW SYSTEMS WITH MINIMUM OUTAGE.

- ### TAB PRE-DEMOLITION NOTES:
- BEFORE ANY DEMOLITION WORK IS BEGUN A COMPLETE AIR BALANCE TEST SHALL BE PERFORMED BY THE TESTING, ADJUSTING AND BALANCING (TAB) CONTRACTOR ON EXISTING AIR HANDLERS AND EXHAUST FANS SERVING THE AREAS AFFECTED BY CONSTRUCTION. EQUIPMENT TO BE DEMOLISHED DOES NOT REQUIRE TESTING. PROVIDE AIR BALANCE TESTING ONLY ON EQUIPMENT THAT WILL CONTINUE TO BE USED TO SERVE RENOVATED AREAS AFTER THE CONSTRUCTION PHASE IS COMPLETED.
 - IN THE EVENT A DUCT TRAVERSE LOCATION AS MARKED ON THIS PLAN IS INACCESSIBLE FOR MEASUREMENT, THE TAB CONTRACTOR SHALL PERFORM THE TRAVERSE AT AN ALTERNATE LOCATION OR SHALL TAKE MULTIPLE DUCT TRAVERSES AND/OR READINGS AS REQUIRED TO DETERMINE THE AIRFLOW READING WHERE THE DUCT TRAVERSE SYMBOL IS SHOWN. IN THE EVENT TRAVERSES ARE TAKEN AT ALTERNATE LOCATION(S), TAB CONTRACTOR SHALL INCLUDE A DRAWING THAT SHOWS THE LOCATIONS WHERE THE ACTUAL MEASUREMENTS WERE TAKEN.
 - TAKE A DUCT STATIC PRESSURE READING AT EACH LOCATION WHERE A DUCT TRAVERSE READING IS TAKEN AND INCLUDE IN THE FINAL PRE-DEMOLITION TAB REPORT.
 - TAB CONTRACTOR SHALL COMPILER AND SUBMIT FOUR COPIES OF THE FINAL PRE-DEMOLITION REPORT WITHIN 10 WORKING DAYS AFTER THE FIELD MEASUREMENTS ARE COMPLETED. FINAL TAB REPORT SHALL BE SUBMITTED FOR REVIEW TO THE ARCHITECT/ENGINEER. TESTING SHALL INCLUDE ALL ITEMS REQUIRED IN THE SPECIFICATIONS.
 - BALANCING CONTRACTOR SHALL PRE-BALANCE ALL EXISTING SYSTEMS TO REMAIN PER SPECIFICATION SECTION 23 05 93. BALANCE READINGS WILL BE REQUIRED AT AIR OUTLETS AND DUCT TRAVERSES TO VERIFY EXISTING AIRFLOW TO UNAFFECTED SPACES.

- ### VENTILATION GENERAL NOTES:
- UNLESS NOTED OTHERWISE, THE SIZE OF EACH BRANCH DUCT TO A VARIABLE AIR VOLUME BOX (VAV) SHALL MATCH THE INLET SIZE UNLESS THE BRANCH IS GREATER THAN 6 FEET IN LENGTH, IN WHICH CASE THE BRANCH DUCT SHALL BE SIZED AT A PRESSURE DROP OF 0.07" W.C. PER 100' OF DUCTWORK.
 - UNLESS NOTED OTHERWISE, THE SIZE OF EACH BRANCH DUCT TO AN AIR TERMINAL SHALL MATCH THE INLET SIZE.
 - ALIGN TEMPERATURE SENSORS WITH LIGHT SWITCHES AND WHEN IN CLOSE PROXIMITY TO EACH OTHER.
 - PROVIDE ACCESS DOORS AT ALL DUCT MOUNTED EQUIPMENT.
 - EXISTING AIR INLET AND OUTLET CFM SHOWN ON DRAWINGS ARE FROM EXISTING DRAWINGS, AND ARE FOR REFERENCE ONLY. CONTRACTOR SHALL USE PRE-BALANCE VALUES, AND NOT EXISTING CFM SHOWN ON DRAWINGS.
 - CONTRACTOR MAY REUSE PORTIONS OF EXISTING DUCT PROVIDED SIZES AND PRESSURE CLASSES ARE CORRECT, DUCT IS THOROUGHLY CLEANED AND FREE OF DEFECTS, AND ALL TRANSVERSE JOINTS, LONGITUDINAL SEAMS, AND DUCT WALL PENETRATIONS ARE ALL AS SPECIFIED FOR NEW DUCTWORK.
 - CLEAN ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK UPSTREAM OF ALL NEW CONNECTIONS PER SPECIFICATION SECTION 23 31 00.

- ### MECHANICAL GENERAL NOTES:
- THESE NOTES APPLY TO ALL MECHANICAL SHEETS AND TRADES, INCLUDING BUT NOT LIMITED TO, FIRE PROTECTION, PLUMBING, VENTILATION, PIPING AND TEMPERATURE CONTROL.
- 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.
 - 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.
 - 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.
 - 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.
 - 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 OR CONFLICTS TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH FABRICATION OR EQUIPMENT ORDERS.
 - REVIEW SPACE REQUIREMENTS OF EQUIPMENT SPECIFIED OR SUBSTITUTED AND MAKE REASONABLE ACCOMMODATIONS IN LAYOUT AND POSITIONING TO PROVIDE PROPER ACCESS.
 - 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.
 - EACH CONTRACTOR IS RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH ELECTRICAL CHANGES REQUIRED FOR EQUIPMENT PROPOSED THAT DIFFERS FROM THE BASIS OF DESIGN.
 - 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.
 - 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 FINISH.
 - 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.
 - SEAL ALL WALL PENETRATIONS AIRTIGHT WHERE CONDUITS, PIPING, AND DUCTS PENETRATE.
 - 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 WITHIN ROOMS.
 - 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.
 - DO NOT BLOCK TUBE PULL OR EQUIPMENT SERVICE CLEARANCES.
 - 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.
 - 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.
 - DO NOT EXCEED 25 LBS PER HANGER AND A MINIMUM SPACING OF 2'-0" ON CENTER WHEN ATTACHING TO METAL ROOF DECKING (LIMITATION NOT REQUIRED WITH CONCRETE ON METAL DECK). THIS 25 LBS. LOAD AND 2'-0" SPACING INCLUDE ADJACENT ELECTRICAL AND ARCHITECTURAL ITEMS HANGING FROM DECK. IF THE HANGER RESTRICTIONS CANNOT BE ACHIEVED, SUPPLEMENTAL FRAMING OFF STEEL FRAMING SHALL BE ADDED. ANCHORS EMBEDDED IN CONCRETE SHALL BE CRACKED CONCRETE APPROVED IN ACCORDANCE WITH SPECIFICATIONS.

- ### TAB POST-CONSTRUCTION NOTES:
- AFTER CONSTRUCTION ACTIVITIES ARE COMPLETE, TESTING, ADJUSTING (TAB) AND BALANCING CONTRACTOR SHALL REBALANCE AIR HANDLING UNITS AND EXHAUST FANS AS REQUIRED TO ACHIEVE THE NEW AIRFLOW VALUES SHOWN ON THE CONSTRUCTION DRAWINGS.
 - AREAS SERVED BY THIS EQUIPMENT WHICH WERE NOT RENOVATED SHALL BE RE-BALANCED TO THE AIRFLOW RATES MEASURED BEFORE THE RENOVATION OCCURRED (REFER TO THE FINAL PRE-DEMOLITION REPORT).
 - IF DUCT TRAVERSE LOCATION AS MARKED ON THE DRAWINGS IS INACCESSIBLE FOR MEASUREMENT, THE TAB CONTRACTOR SHALL PERFORM THE TRAVERSE AT AN ALTERNATE LOCATION OR SHALL TAKE MULTIPLE DUCT TRAVERSES AND/OR GRILLE READINGS AS REQUIRED TO DETERMINE THE FLOW RATE. IN THE EVENT TRAVERSES ARE TAKEN AT AN ALTERNATE LOCATION(S), TAB CONTRACTOR SHALL INCLUDE A DRAWING THAT SHOWS THE LOCATIONS WHERE THE ACTUAL MEASUREMENTS WERE TAKEN.
 - DUCT STATIC PRESSURE READING SHALL BE TAKEN AT EACH LOCATION WHERE A DUCT TRAVERSE READING IS TAKEN AND SHALL BE INCLUDED IN THE FINAL POST-CONSTRUCTION TAB REPORT.
 - TAB CONTRACTOR SHALL COMPILER AND SUBMIT COPIES OF THE FINAL POST-CONSTRUCTION TAB REPORT AS REQUIRED BY SECTION 23 05 93.
 - THE FINAL POST CONSTRUCTION REPORT SHALL INCLUDE ALL ITEMS REQUIRED IN THE SPECIFICATIONS.

1600 BALTIMORE SUITE 300 KANSAS CITY, MO 64108 P: 816.842.8437

www.imegcorp.com

IMEG RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO 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.

©2024 IMEG CONSULTANTS CORP.

Missouri Certificate of Authority #0203010035

0 1 2 3
REF. SCALE IN INCHES PROJECT #240005931.00

GUY GRONBERG ARCHITECTS, P.C.
119 S.E. 372ND ST.
Lee's Summit, MO 64083
Phone: 816.524.0219
Fax: 816.524.9570

IMEG
www.imegcorp.com

1600 BALTIMORE SUITE 300 KANSAS CITY, MO 64108 P: 816.842.8437

KANSAS CITY BONE & JOINT
2737 NORTHEAST McBAINE DRIVE
LEE'S SUMMIT MISSOURI, 64064

KANSAS CITY BONE & JOINT CLINIC

This drawing has been provided as a courtesy and is not to be used for any other project without the express written approval of IMEG. The original copy of this drawing, including all attachments, shall remain the property of IMEG. The reproduction of this drawing for any other project without the express written approval of IMEG is strictly prohibited.

PROJECT #240005931.00
DATE: 10/10/2024
BY: GUY GRONBERG ARCHITECTS, P.C.

REV#	DATE	DESCRIPTION

Issue Date: 10/10/2024
Project #: 24001

SHEET NUMBER

M000

AIR TERMINAL SCHEDULE

NOTES:
1. CONTRACTOR SHALL DETERMINE PROPER BORDER TYPE TO MATCH CEILING CONSTRUCTION
2. REFER TO DRAWINGS FOR NECK SIZE. ALL BRANCH DUCTWORK TO AIR TERMINALS SHALL BE NECK SIZE UNLESS NOTED OTHERWISE.

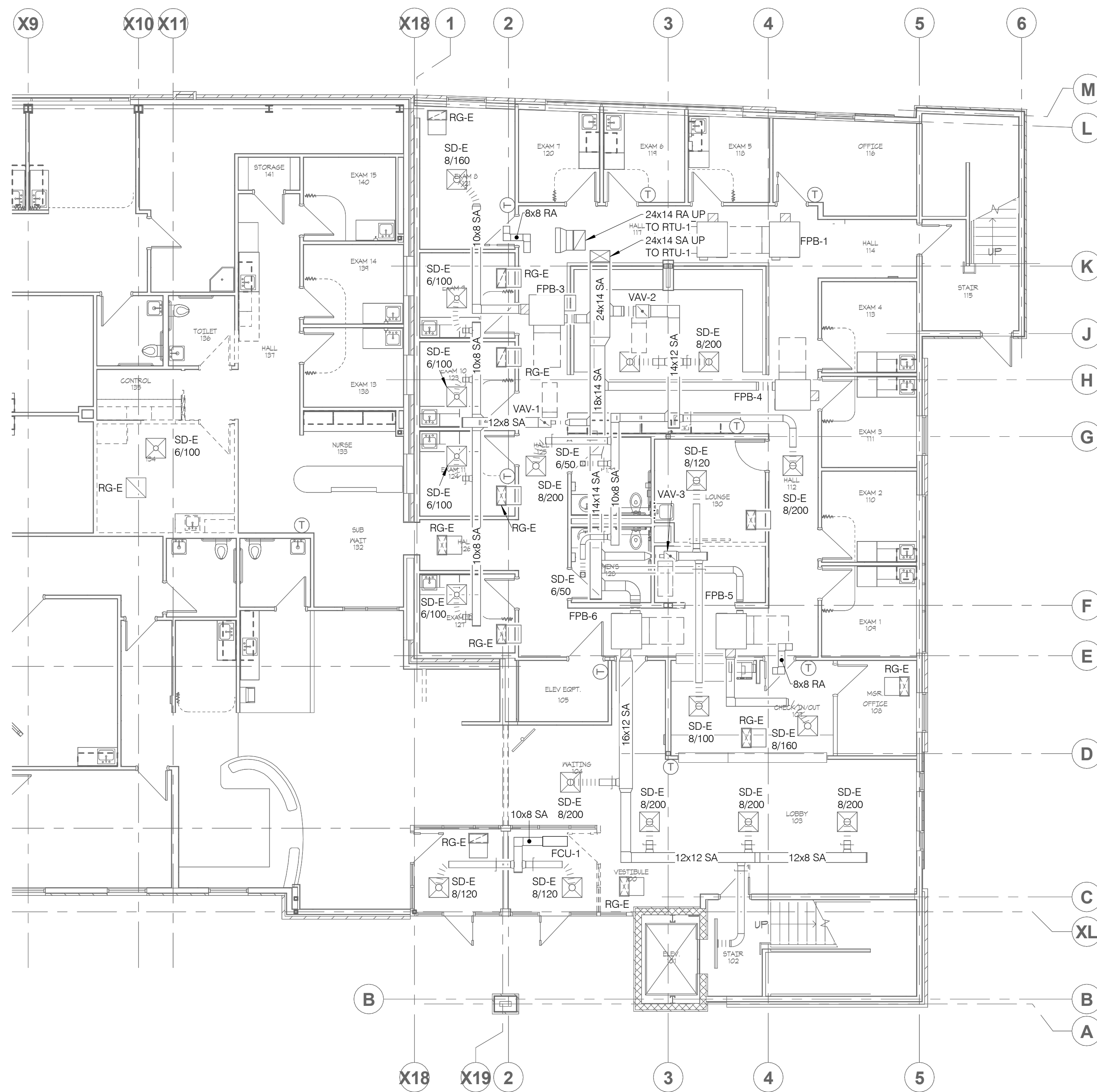
TAG NAME	FACE SIZE (IN.) (NOTE 2)	TYPE	BORDER (NOTE 1)	MATERIAL	FINISH	VOLUME DAMPER REQUIRED	MANUFACTURER	MODEL	NOTES
RG-1	INLET #2	35 DEGREE DEFLECTION	1 1/4"	STEEL	WHITE	NO	TITUS	350R	
SD-1	24x24	PLAQUE	LAY-IN	STEEL	WHITE	NO	TITUS	OMNI	

SHEET NOTES:

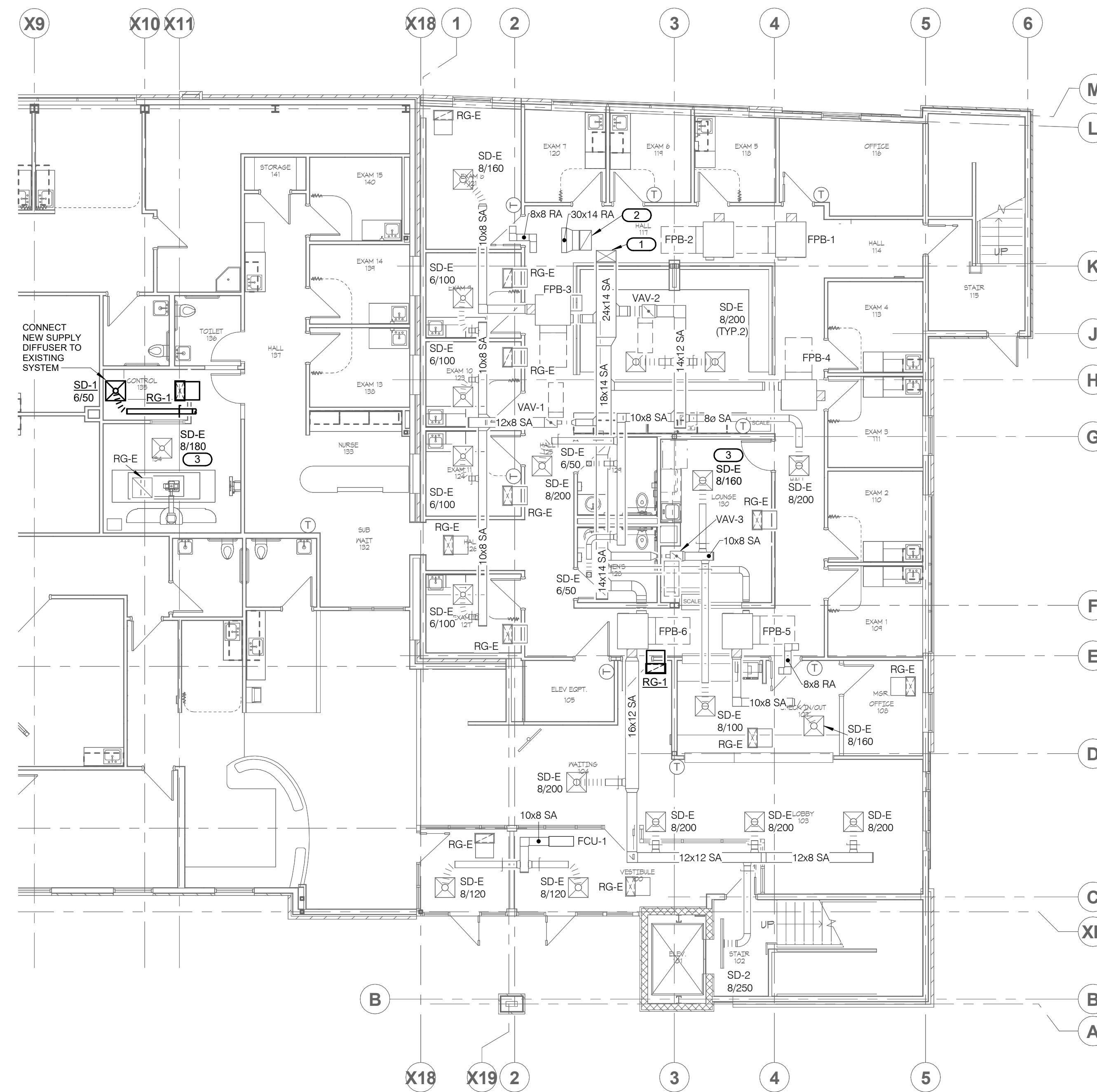
- REFER TO SHEET M000 FOR GENERAL NOTES AND SYMBOLS LIST.
- SYSTEM SHUTDOWNS SHALL BE MINIMIZED AND SHALL BE COORDINATED WITH THE OWNER A MINIMUM OF 2 WEEKS BEFORE PLANNED SHUTDOWNS.

KEYNOTES:

- EXISTING 24x14 SA UP TO RTU-1.
- EXISTING 24x14 RA UP TO RTU-1.
- REBALANCE EXISTING SUPPLY GRILLE TO CFM LISTED.



1 LEVEL 01 DEMOLITION PLAN - MECHANICAL
1/8" = 1'-0"



2 LEVEL 01 PLAN - MECHANICAL
1/8" = 1'-0"

GUY GRONBERG ARCHITECTS, P.C.
1835 S.E. 272ND ST.
LEE'S SUMMIT, MO 64083
Phone: 816.524.0219
Fax: 816.524.9570

IMEG
1000 BALTIMORE SUITE 300
KANSAS CITY, MO 64108
P: 816.842.8437
PROJECT #2400931.00

KANSAS CITY BONE & JOINT
2737 NORTHEAST MCBAIN DRIVE
LEE'S SUMMIT MISSOURI, 64064

KC B J
KANSAS CITY BONE & JOINT CLINIC

This drawing has been provided as an advisory service only. It is not intended to be used for construction without the approval of the architect. The architect shall be responsible for the coordination of all trades and the completion of all work. The original copy of this drawing shall be retained by the architect. GUY GRONBERG ARCHITECTS, P.C.

REV#	DATE	DESCRIPTION

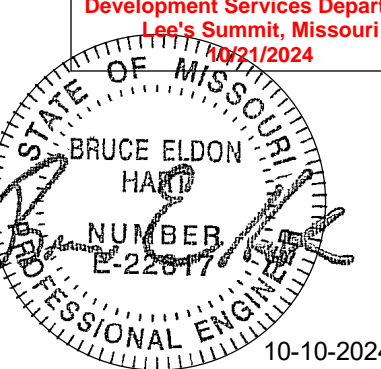
Issue Date: 10/10/2024
Project #: 24001

SHEET NUMBER
M101

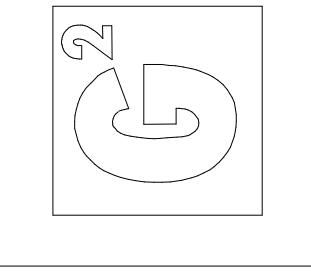
IMEG
1000 BALTIMORE SUITE 300
KANSAS CITY, MO 64108
P: 816.842.8437
www.imegcorp.com

IMEG RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO 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.
©2024 IMEG CONSULTANTS CORP.
Missouri Certificate of Authority #0203010035

REF. SCALE IN INCHES PROJECT #2400931.00



GUY GRONBERG ARCHITECTS, P.C. 118 53E 3724 St. Lee's Summit, MO 64083 Phone: 816.524.0219 Fax: 816.524.9570



IMEG 1000 BALTIMORE SUITE 500 KANSAS CITY, MO 64108 P: 816.842.8437 F: 816.842.8437 www.imegcorp.com

KANSAS CITY BONE & JOINT 2737 NORTHEAST McBAINE DRIVE LEE'S SUMMIT MISSOURI, 64064

This drawing has been provided as a service to the architect, or engineer. It is not to be used for any other project without the express written approval of the architect or engineer. The original copy of this drawing, and the reproduction of information contained herein, is the property of GUY GRONBERG ARCHITECTS, P.C.

Table with columns: REV#, DATE, DESCRIPTION. Includes Issue Date: 10/10/2024 and Project #: 24001.

Issue Date: 10/10/2024 Project #: 24001

SHEET NUMBER

E000

ELECTRICAL RENOVATION 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. EXISTING CONDITIONS ARE SHOWN BASED ON INFORMATION OBTAINED FROM FIELD SURVEYS...

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...

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...

RECEPTACLE SUBSCRIPT KEY:

Table with columns: DEVICE KEY, ELECTRICAL MOUNTING SUBSCRIPT KEY. Includes: # = MOUNTING (IF APPLICABLE), 1 = CIRCUIT NUMBER, A MOUNT AT +6" TO CENTERLINE ABOVE COUNTER OR BACKSPASH...

ELECTRICAL SHEET INDEX

Table with columns: E000, E101, E111, E121, E400, E500, E900, E901. Includes GRAND TOTAL: 8.

IMEG logo and contact information: 1000 BALTIMORE SUITE 500 KANSAS CITY, MO 64108 P: 816.842.8437 F: 816.842.8437 www.imegcorp.com

ELECTRICAL SYMBOL LIST table with columns: SYMBOL, TAG, SPEC SECTION, DESCRIPTION. Includes: REC-TAMP-QUAD, REC-QUAD, REC-QUAD-GFI, REC-QUAD-USB, REC-QUAD-WP, REC-DUP-PED, REC-PED-QUAD, REC-ZH, PP#.

ELECTRICAL EQUIPMENT TAGS table with columns: TAG, DESCRIPTION, RELATED SPECIFICATION. Includes: ATS-#, BAT-#, C-#, CR-#, CT-#, CUP-#, DIM-#, DP-#, DR-#, DT-#, DTR-#, EVCS-#, GCC-#, GCP-#, GEN-#, GPS-#, GANN-#, HH-#, HT-#, INV-#, M-#, MC-#, MCC-#, MH-#, MPC-#, MVS-#, MX-#, PDU-#, PS-#, R-#, RA-AATS-#, RFFS-#, SB-#, SC-#, SG-#, SMP-#, SMS-#, SPD-#, UD-#, UPS-#, VFD-#, WD-#.

ELECTRICAL ABBREVIATION KEY table with columns: ABBR, DESCRIPTION. Includes: ABV ABOVE, AFC ABOVE FINISHED CEILING, AFF ABOVE FINISHED FLOOR, AFG ABOVE FINISHED GRADE, ASR ARCHITECTURAL SURFACE RACEWAY, BC BELOW COUNTER, C CONDUIT (BRANCH CIRCUIT OR FEEDER CONTEXT)...

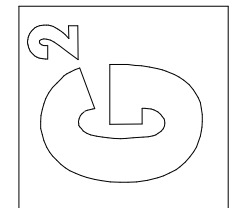
ELECTRICAL SYMBOL LIST table with columns: SYMBOL, TAG, SPEC SECTION, DESCRIPTION. Includes: HD ARCH HAND DRYER, PP ARCH PUSH PAD, REC-DUP-O DUPLEX RECEPTACLE CONTROLLED BY OCCUPANCY, REC-QUAD-O QUAD RECEPTACLE CONTROLLED BY OCCUPANCY, REC-DUP DUPLEX RECEPTACLE, 125V, REC-DUP-GFI DUPLEX GFI RECEPTACLE, 125V, REC-DUP-GFI-R GROUND FAULT DEVICE, REC-DUP-WP DUPLEX GFI WEATHERPROOF RECEPTACLE 125V, REC-XP DUPLEX RECEPTACLE, EXPLOSION PROOF, 125V, REC-ISO ISOLATED GROUND RECEPTACLE, 125V, REC-ISO-SUR ISOLATED GROUND RECEPTACLE WITH SURGE SUPPRESSION, 125V, REC-ISO-SUR-QUAD ISOLATED GROUND QUAD RECEPTACLE WITH SURGE SUPPRESSION, 125V, REC-USB DUPLEX RECEPTACLE, USB CHARGING, REC-ARC ARC FAULT CIRCUIT INTERRUPTER RECEPT 125V, REC-AFG REC AFCI, GFCI, TAMPER RESISTANT, REC-SIM-520R SIMPLEX RECEPTACLE, 125V, REC-SIM-530R RECEPTACLE, 125V, REC-SIM-550R RECEPTACLE 125V, 50A, 125V, REC-SIM-620R RECEPTACLE, 6-20R, 250V, REC-SIM-630R RECEPTACLE, 6-30R, 250V, REC-SIM-650R RECEPTACLE, 6-50R, 250V, REC-SIM-720R RECEPTACLE, 7-20R, 277V, REC-SIM-730R RECEPTACLE, 7-30R, 277V, REC-SIM-750R RECEPTACLE, 7-50R, 277V, REC-SIM-1420R RECEPTACLE, 14-20R, 125/250V, REC-SIM-1430R RECEPTACLE, 14-30R, 125/250V, REC-SIM-1450R RECEPTACLE, 14-50R, 125/250V, REC-SIM-1460R RECEPTACLE, 14-60R, 125/250V, REC-SIM-1520R RECEPTACLE, 15-20R, 250V, 3PH, REC-SIM-1530R RECEPTACLE, 15-30R, 250V, 3PH, REC-SIM-1550R RECEPTACLE, 15-50R, 250V, 3PH, REC-SIM-1620R RECEPTACLE, 16-20R, 250V, 3PH, REC-SIM-1630R RECEPTACLE, 16-30R, 250V, 3PH, REC-SIM-1720R RECEPTACLE, 17-20R, 277V, REC-SIM-1730R RECEPTACLE, 17-30R, 277V, REC-SIM-1420R RECEPTACLE, 14-20R, 125/250V, REC-SIM-1430R RECEPTACLE, 14-30R, 125/250V, REC-SIM-1520R RECEPTACLE, 15-20R, 250V, 3PH, REC-SIM-1530R RECEPTACLE, 15-30R, 250V, 3PH, REC-SIM-1620R RECEPTACLE, 16-20R, 480V, 3PH, REC-SIM-1630R RECEPTACLE, 16-30R, 480V, 3PH, REC-SIM-L2120R RECEPTACLE, LOCKING L21-20R, 120/208V, 3PH, REC-SIM-L2130R RECEPTACLE, LOCKING L21-30R, 120/208V, 3PH, REC-SIM-XP RECEPTACLE, EXPLOSION PROOF, 125V, REC-TAMP DUPLEX RECEPTACLE, TAMPER RESISTANT, 125V, REC-TAMP-GFI GFI DUPLEX RECEPTACLE, TAMPER RESISTANT, 125V.

VIEW KEY and VIEW NAME diagrams. Includes: VIEW KEY with NAME, LEVEL NAME, KEYNOTE, and VIEW NAME with NORTH, PLAN OR DETAIL NUMBER, PLAN OR DETAIL NAME, and PLAN OR DETAIL SCALE. Includes: LINE TYPE AND TAG KEY with NEW WORK BY THIS CONTRACTOR (WIDE LINE), EXISTING TO BE REMOVED (SHORT DASHED PATTERN), EXISTING TO REMAIN OR WORK BY OTHERS (NARROW LINE), HALF-TONING DOES NOT MODIFY SCOPE, TAG-E TAGS WITH DASH 'E' INDICATES THE REFERENCED OBJECT IS EXISTING, TAG-1 UNDERLINED TAG INDICATES OBJECT IS IN-SCOPE...

ELECTRICAL SYMBOL LIST table with columns: SYMBOL, TAG, SPEC SECTION, DESCRIPTION. Includes: GB GROUND BUS, IBT INTERSYSTEM BONDING TERMINATION, ECONN ELECTRICAL CONNECTION, JB JUNCTION BOX, FB-# or PT-# FLOOR BOX or POKE THROUGH, RI-TECH TECHNOLOGY OUTLET ROUGH-IN, RI-TECH-C TECHNOLOGY ROUGH-IN, CEILING, RI-TECH-W TECHNOLOGY ROUGH-IN, WALL PHONE, RL-TV TV ANTENNA OUTLET ROUGH-IN, WM-# MULTI OUTLET SYSTEM, WW-# ELECTRICAL WIREWAY w/ DEVICES SHOWN, DEM ENERGY METER, DPM DIGITAL POWER METER, ITDM IMPULSE-TOTALIZING DEMAND, EEM EXTERNAL ENERGY METER, PQM POWER QUALITY METER, CPC CONTROL POWER CABINET, EPO EMERGENCY STOP / POWER OFF (N.C. AND N.O CONTACT), ES EMERGENCY STOP, N.C. CONTACT, FA-LA LAMP ANNUNCIATOR, PB MOMENTARY PUSHBUTTON OPERATOR, PANEL-### PANELBOARD - RECESS MOUNT, PANEL-#### PANELBOARD - SURFACE MOUNT, MX-#/MS-# SURFACE OR RECESS MOUNTED MANUAL SWITCH / STARTER / COMBINATION STARTER / CIRCUIT BREAKER, CB-#/CS-# FUSED SWITCH (PLUG FUSE) / AUTOMATIC STARTER / SOLID STATE - SOFT STARTER / COMBINATION STARTER / MOTOR CIRCUIT PROTECTOR / ASSEMBLED MOTOR STARTER, IAS-#/SS-# MGS-# AMS-# FUSED COMBINATION STARTER REFER TO DISC/STA SCHEDULE, FCS-# ISOLATED POWER PANEL, IPP-# MASTER GROUND STATION MODULE, MG OPERATING ROOM POWER MODULE, PM REMOTE LINE ISOLATION MONITOR, RIM REMOTE ANNUNCIATOR STATION, RAS INTEGRATED POWER CENTER, TR-#/DTR-# TRANSFORMER, REFER TO TRANSFORMER SCHEDULE, MPC-# PACKAGED POWER CENTER, DS-#/FDS-#/DSS-# DISCONNECT SWITCH FUSED DISCONNECT SWITCH INTERLOCKED RECEPTACLE DISCONNECT. REFER TO DISC/STA SCHEDULE, MD-SD-# MOBILE DIAGNOSTICS SERVICE DISCONNECT. REFER TO DISC/STA SCHEDULE, BD-# BUSSWAY, BCS-# BUSS PLUG - COMBINATION STARTER. REFER TO DISC/STA SCHEDULE, BP-# BUSS PLUG - CIRCUIT BREAKER. REFER TO DISC/STA SCHEDULE, BFP-# BUSS PLUG - FUSIBLE DISCONNECT. REFER TO DISC/STA SCHEDULE, BD-REC-# BUSSWAY RECEPTACLE UNIT. REFER TO DISC/STA SCHEDULE, GANN-# GENERATOR ANNUNCIATOR PANEL, DB ARCH DOOR BELL.

HEALTHCARE EQUIPMENT ABBREVIATION KEY table with columns: ABBR, DESCRIPTION. Includes: AED AUTOMATIC EXTERNAL DEFIBRILLATOR - CRASH CART, BSC BIOSAFETY CABINET, BW BLANKET WARMER, DIS MEDICAL EQUIPMENT DISINFECTOR, INF INFUSION PUMP, LIFT PATIENT LIFT, MAB MEDICAL ANESTHESIA BOOM, MEB MEDICAL EQUIPMENT BOOM, MED MEDICATION DISPENSING CABINETS, MEL MEDICAL EXAM LIGHT (BOOM LIGHT), PASS MEDICAL PASS THRU CABINET, PEG PORTABLE MEDICAL EQUIPMENT (X-RAY), PNTU PNEUMATIC TUBE, SSK SURGICAL SCRUB SINK, STER MEDICAL EQUIPMENT STERILIZER, UCL MEDICAL ULTRASONIC CLEANER.

GUY GRONBERG ARCHITECTS, P.C.
118 SE 272ND ST.
LEE'S SUMMIT, MO 64093
Phone: 816.524.0219
Fax: 816.524.9570



IMEG
1000 BALTIMORE SUITE 300
KANSAS CITY, MO 64108
P: 816.842.8437
www.imegcorp.com

KANSAS CITY BONE & JOINT
2737 NORTHEAST McBAINE DRIVE
LEE'S SUMMIT MISSOURI, 64064

KC B J
KANSAS CITY BONE & JOINT CLINIC

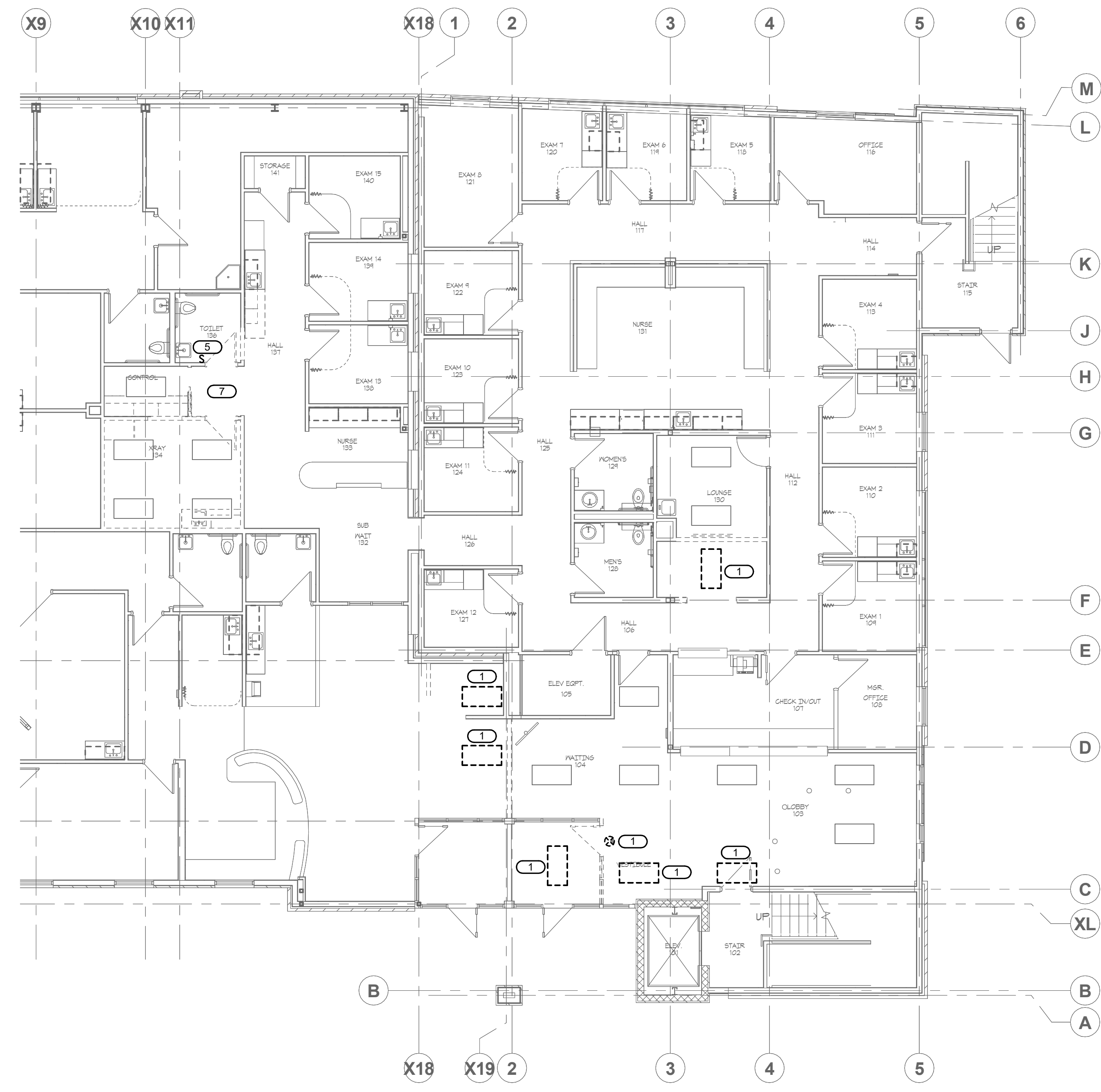
This drawing has been provided as an advisory service only. It is not intended to be used for construction purposes. The user assumes all responsibility for the accuracy and completeness of the information shown on this drawing. The original copy of this drawing, including all attachments, shall remain the property of Guy Gronberg Architects, P.C. ©2024 IMEG CONSULTANTS CORP.

REV#	DATE	DESCRIPTION

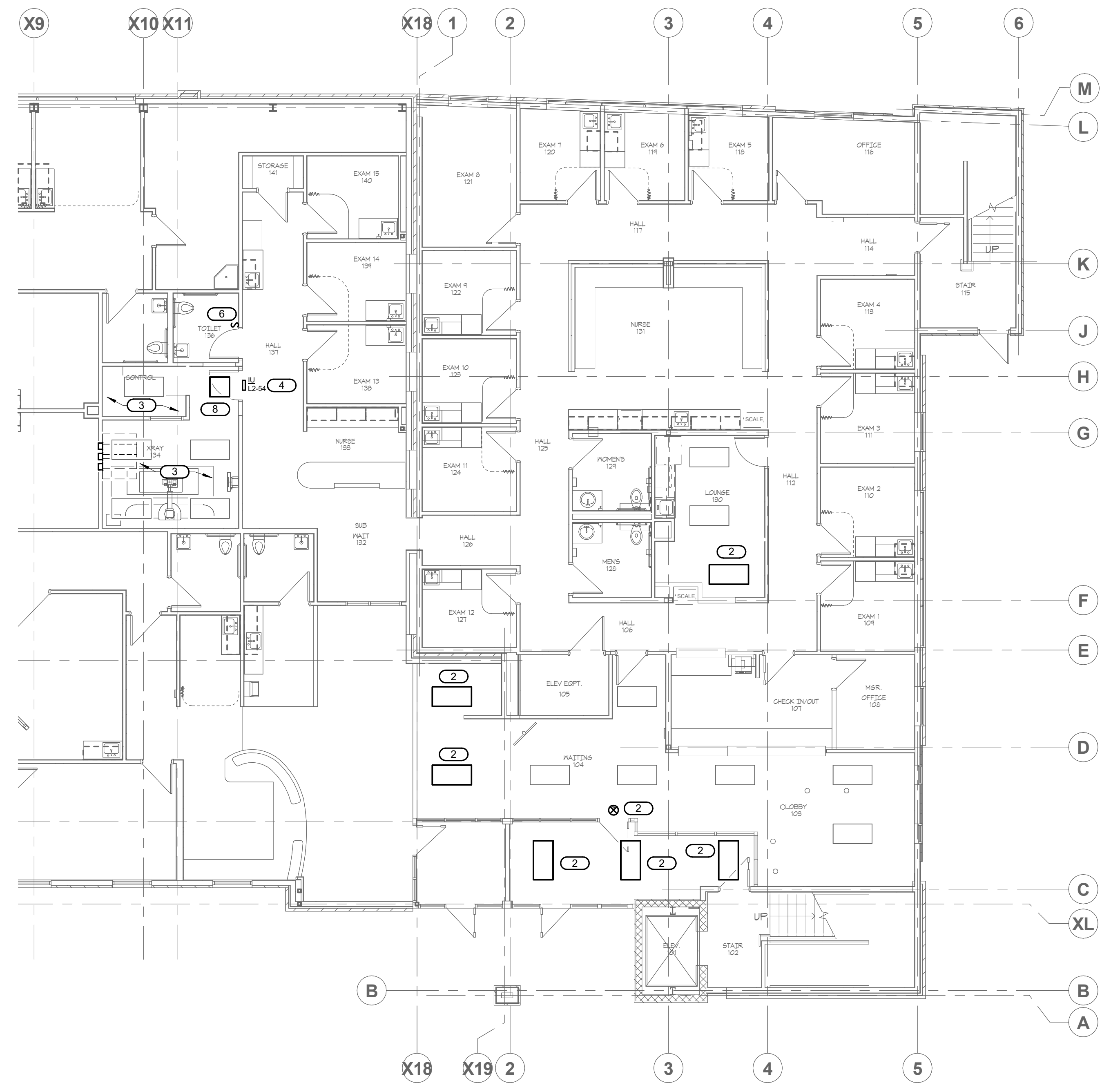
Issue Date: 10/10/2024
Project #: 24001

SHEET NUMBER
E101

- KEYNOTES:**
1. REMOVE EXISTING LUMINAIRE/EXIT SIGN AND PRESERVE FOR REUSE IN NEW WORK. EXISTING BRANCH LIGHTING CIRCUIT TO REMAIN TO SERVE LUMINAIRES SHOWN IN NEW WORK.
 2. REUSE EXISTING LUMINAIRE/EXIT SIGN IN LOCATION SHOWN. COORDINATE EXACT LOCATION WITH CEILING GRID. EXTEND EXISTING CIRCUIT AND CONTROLS TO REUSED LUMINAIRE USING 2#12 & 1#12 GND IN 3/4" CONDUIT.
 3. REUSE EXISTING CONTROLS. PROVIDE NEW COVERPLATES FOR CONTROLS AND COORDINATE WITH NEW ARCHITECTURAL FINISHES.
 4. PROVIDE IN USE XRAY SIGN CIRCUIT AS SHOWN. REFER TO DETAIL 2 SHEET E111 AND LIGHTING FIXTURE SCHEDULE SHEET E500 FOR MORE INFORMATION.
 5. DEMOLISH EXISTING WALL MOUNTED LIGHTING CONTROL AND ASSOCIATED CONDUIT AND CONDUCTORS BACK TO NEAREST JUNCTION BOX. PRESERVE LIGHTING CONTROL DEVICE FOR FUTURE USE.
 6. INSTALL EXISTING WALL MOUNTED LIGHTING CONTROL IN NEW LOCATION AS SHOWN.
 7. DEMOLISH EXISTING LUMINAIRE AND RETURN TO OWNER. MAINTAIN CONTINUITY OF UPSTREAM AND DOWNSTREAM FIXTURES.
 8. PROVIDE 2'X2' LUMINAIRE TO MATCH EXISTING LUMINAIRES IN ROOM. CONNECT TO EXISTING CIRCUITING IN ROOM DOWNSTREAM OF CONTROLS.



1 LEVEL 01 DEMOLITION PLAN - LIGHTING
1/8" = 1'-0"



2 LEVEL 01 PLAN - LIGHTING
1/8" = 1'-0"

IMEG
1000 BALTIMORE SUITE 300
KANSAS CITY, MO 64108
P: 816.842.8437
www.imegcorp.com

IMEG RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO 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. ©2024 IMEG CONSULTANTS CORP.
Missouri Certificate of Authority #0203010035

REF. SCALE IN INCHES PROJECT #24000931.00

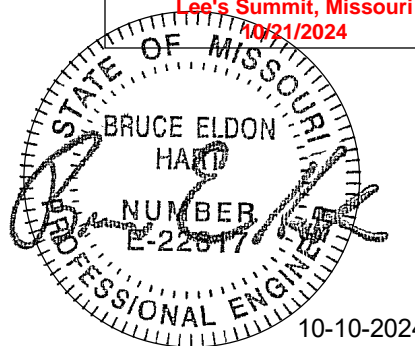
SHEET NOTES:

- BRANCH CIRCUITS, 208/120 VOLT SERVED BY PANEL L2 IN ELECTRICAL ROOM 208 UNLESS OTHERWISE NOTED.
- REFER TO X-RAY DRAWINGS FROM KONICA MINOLTA FOR MORE INFORMATION.

KEYNOTES:

- RACEWAY SYSTEMS SHALL BE CONCEALED IN EXISTING WALLS IN THIS SPACE.
- CONNECT RECEPTACLE TO EXISTING NORMAL CIRCUIT SERVING THAT ROOM USING MINIMUM 2#12 & 1#12 IN 3/4" CONDUIT.
- PROVIDE 6"X6" JUNCTION BOX AT 18" AFF. PROVIDE 2" CHASE NIPPLE IN THE CENTER OF COVER.
- PROVIDE 6"X6" JUNCTION BOX AT 48" AFF. FLUSH WITH THE WALL. PROVIDE 2" CHASE NIPPLE IN THE CENTER OF COVER.
- PROVIDE 8"X8"X4" JUNCTION BOX AT 18" AFF. PROVIDE A 2" CHASE NIPPLE IN THE CENTER OF COVER.
- PROVIDE SURFACE MOUNTED JUNCTION BOX FOR TABLE BASE OPENING. SURFACE MOUNTED RACEWAY FROM JUNCTION BOX ON WALL WILL BE PROVIDED BY CLIENT AT THE TIME OF THE X-RAY EQUIPMENT INSTALLATION.
- PROVIDE 2" CONDUIT FROM "JB1" TO "JB4".
- PROVIDE 2" CONDUIT FROM "JB2" TO "JB4".
- PROVIDE 3/4" CONDUIT RUN FROM X-RAY WARNING LIGHT TO "JB5".
- EPO TO BE CONNECTED TO 3 POLE BREAKER. RUN CONDUIT AS SHOWN BETWEEN EPO AND BREAKER.
- (2) 120VAC/20A BREAKERS AT 44" AFF FOR SUPPLY TO "JB5" AND "JB3". LEAVE 6FT PIGTAIL AT "JB3".
- PROVIDE WIRE AND CONDUIT FROM 3 POLE BREAKER TO "JB5" LEAVE 8' PIGTAIL AT "JB5".

- DEMOLISH ALL ELECTRICAL DEVICES AND REMOVE CONDUIT AND CONDUCTORS TO UPSTREAM PANELBOARDS.
- DEMOLISH ALL ELECTRICAL DEVICES ON WALLS AND DEMOLISH CONDUIT AND CONDUCTORS TO NEAREST JUNCTION BOX.
- DISCONNECT PROVIDED WITH X-RAY. INSTALL DISCONNECT AND CIRCUIT TO 480V/3 PHASE CIRCUIT IN PANEL H2. REFER TO PANEL SCHEDULE FOR WIRE SIZES.
- DEMOLISH ELECTRICAL DEVICES INDICATED AND REMOVE CONDUIT AND CONDUCTORS TO UPSTREAM PANELBOARDS.
- PROVIDE JUNCTION BOX FOR X-RAY PANEL.



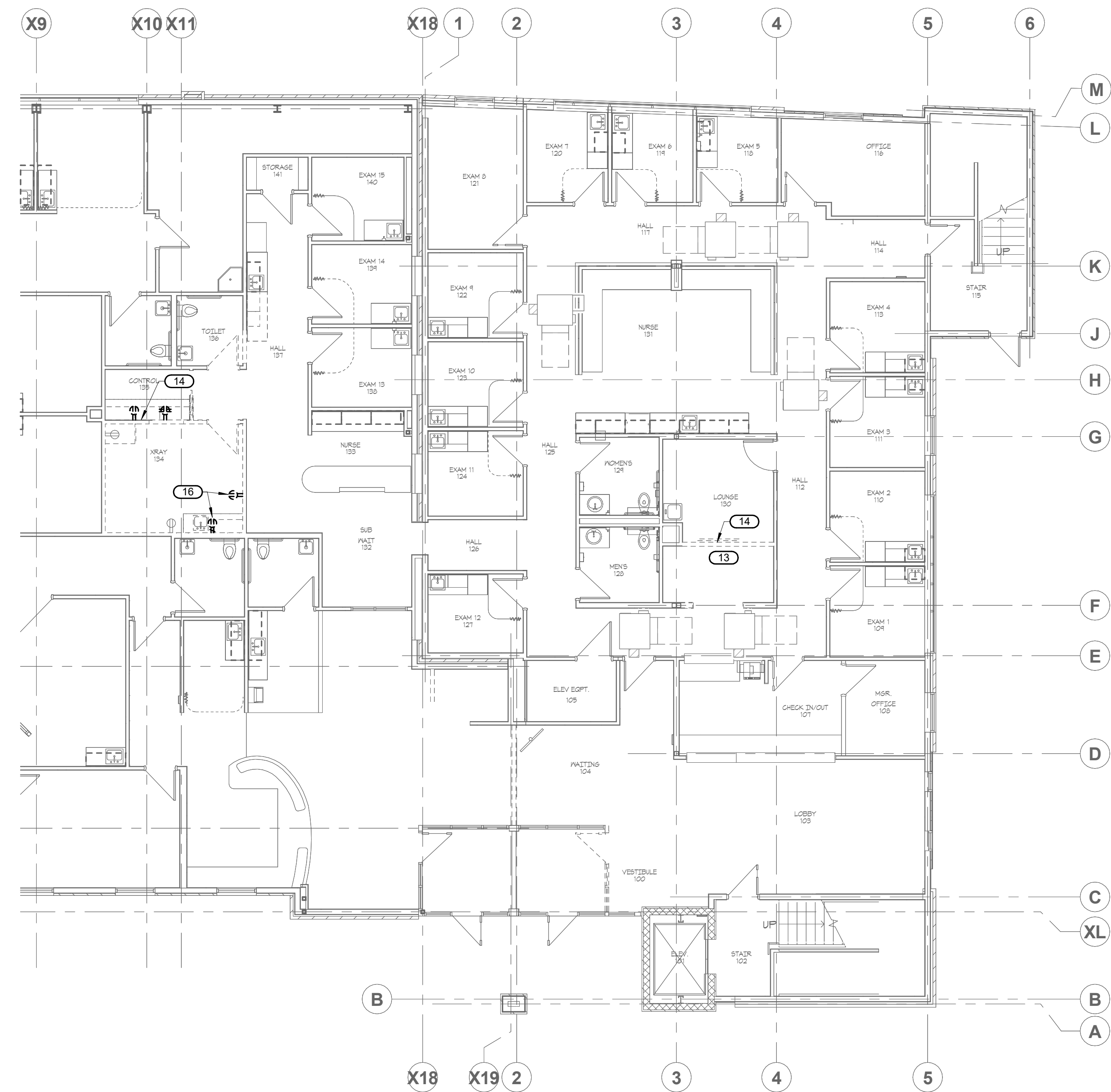
GUY GRONBERG ARCHITECTS, P.C.
185 SE 272 St.
Lee's Summit, MO 64083
Phone 816.524.0219
Fax 816.524.9570

IMEG
1000 BALTIMORE SUITE 300
KANSAS CITY, MO 64108
P: 816.842.8437
www.imegcorp.com

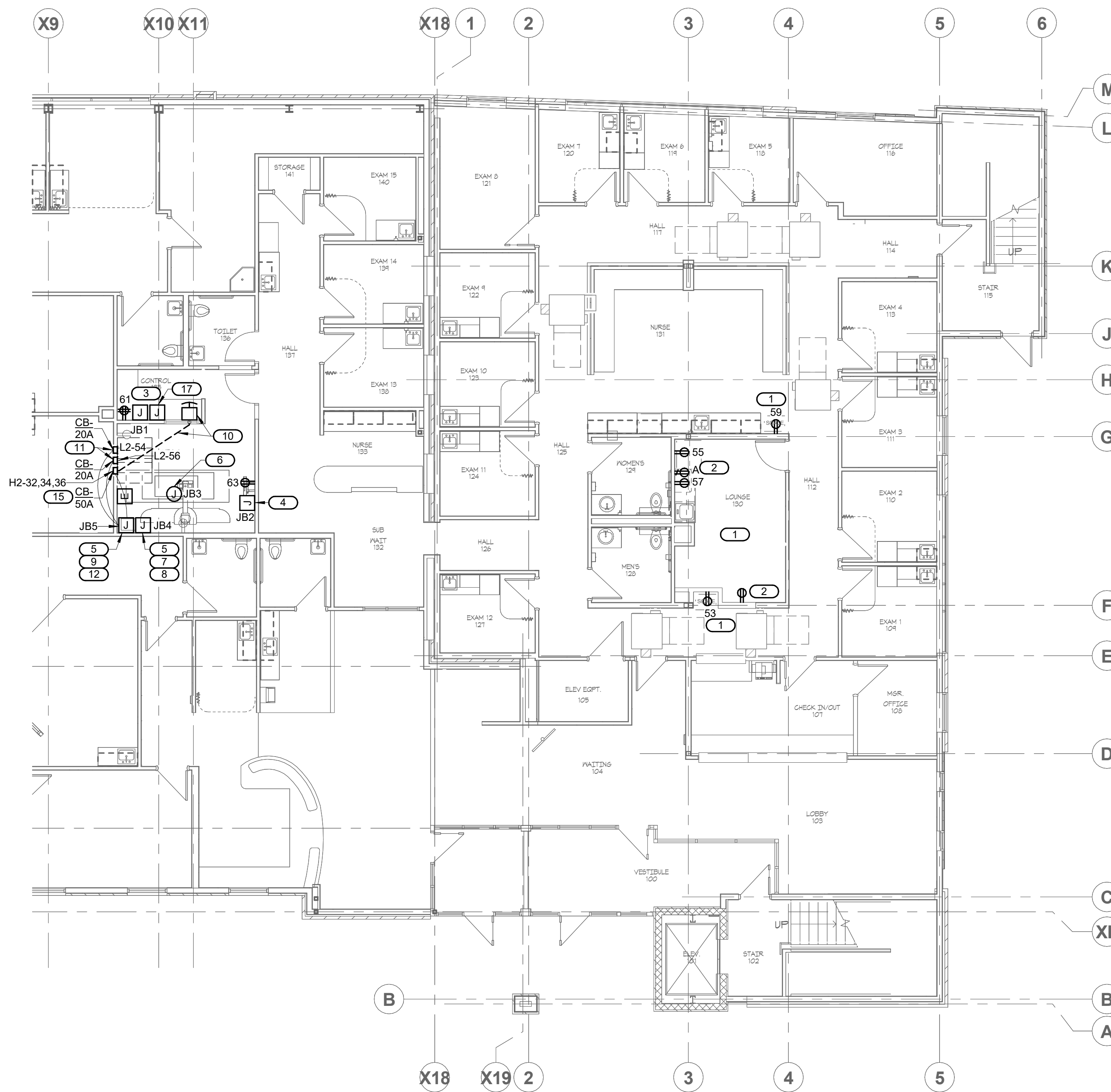
KANSAS CITY BONE & JOINT
2737 NORTHEAST McBAINE DRIVE
LEE'S SUMMIT MISSOURI, 64064

KC B J
KANSAS CITY BONE & JOINT CLINIC

This drawing has been provided as an advisory service only. It is not intended to be used for construction. The user of this drawing assumes all liability for any errors or omissions. The original copy of this drawing is the only valid copy. All other copies are void. ©2024 GUY GRONBERG ARCHITECTS, P.C.



1 LEVEL 01 DEMOLITION PLAN - POWER
1/8" = 1'-0"



2 LEVEL 01 PLAN - POWER
1/8" = 1'-0"

IMEG
1000 BALTIMORE SUITE 300
KANSAS CITY, MO 64108
P: 816.842.8437
www.imegcorp.com

MEG RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO 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.
©2024 IMEG CONSULTANTS CORP.
Missouri Certificate of Authority #0203010035

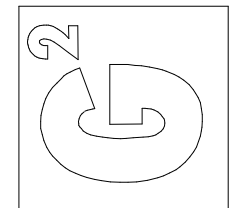
REF. SCALE IN INCHES PROJECT #24003931.00

REV#	DATE	DESCRIPTION

Issue Date: 10/10/2024
Project #: 24001

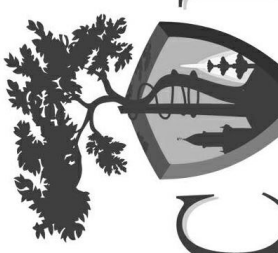
SHEET NUMBER
E111

GUY GRONBERG ARCHITECTS, P.C.
18 SE 24th St.
Lee's Summit, MO 64043
Phone 816.524.9510
Fax 816.524.9510



IMEG
1000 BALTIMORE SUITE 300
KANSAS CITY, MO 64108
P: 816.842.8437
www.imegcorp.com

KANSAS CITY BONE & JOINT
2737 NORTHEAST McBAINE DRIVE
LEE'S SUMMIT MISSOURI, 64064



KANSAS CITY BONE & JOINT CLINIC

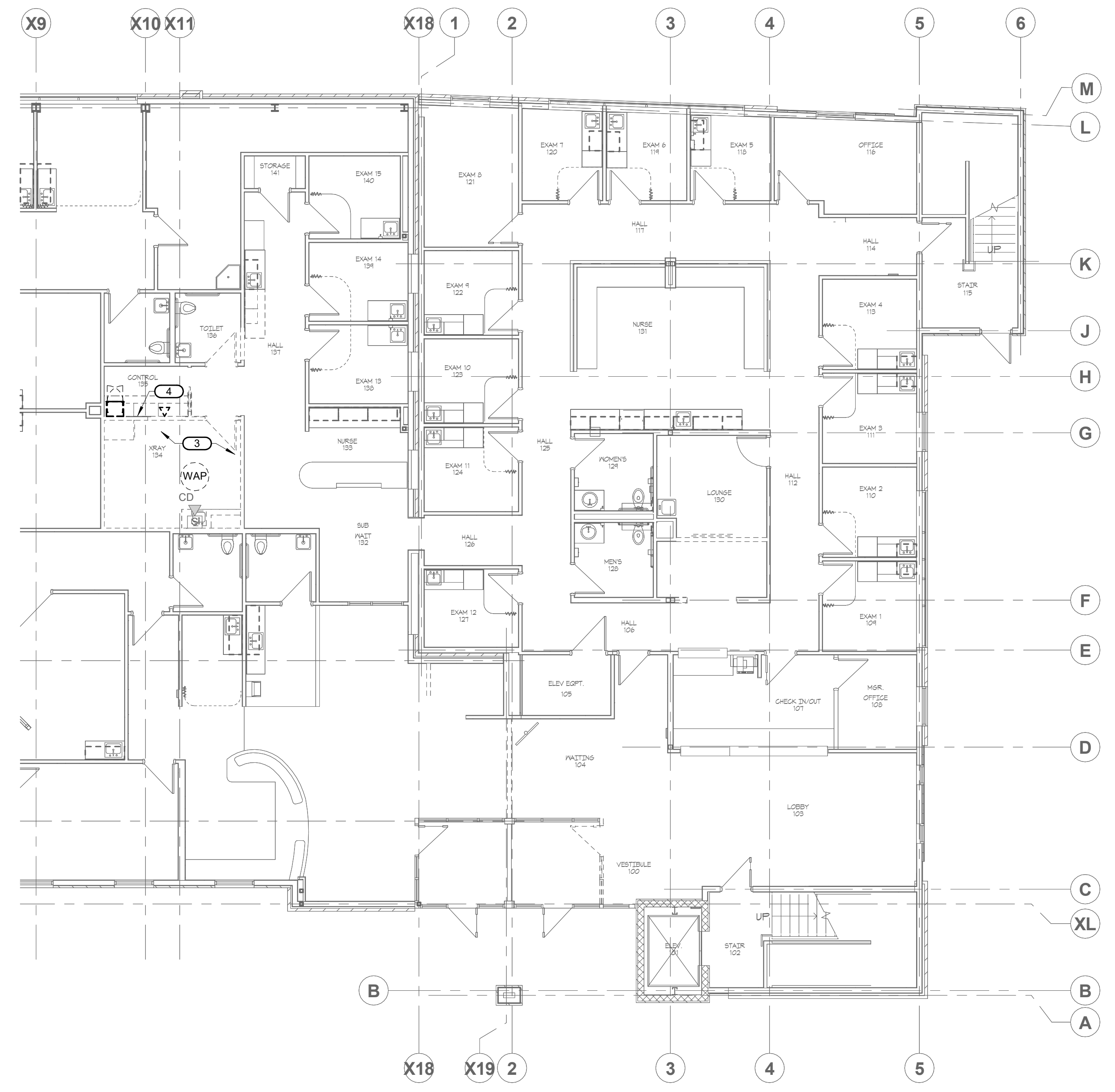
This drawing has been provided as an informational tool only. It is not intended to be used as a contract document. The user of this drawing is responsible for verifying the accuracy of the information shown here. The original copy of this drawing, including all revisions, shall remain the property of GUY GRONBERG ARCHITECTS, P.C.

REV#	DATE	DESCRIPTION

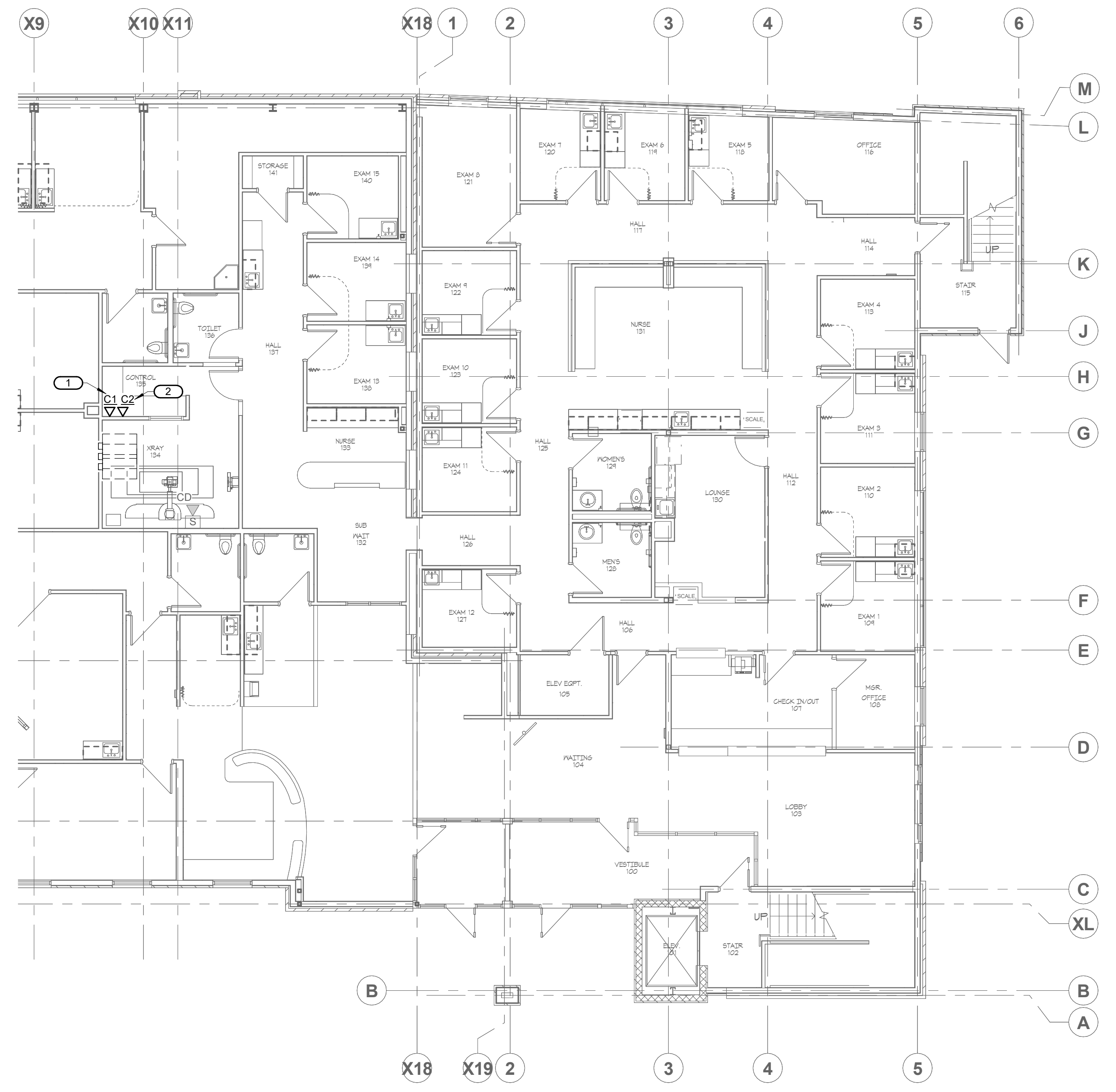
Issue Date: 10/10/2024
Project #: 24001

SHEET NUMBER
E121

- KEYNOTES:**
1. PROVIDE ONE OUTLET WITH (1) RJ-45 JACK FOR REMOTE DIAGNOSTICS. RUN ETHERNET CABLE BACK TO INTERNET SERVICE EQUIPMENT.
 2. PROVIDE ONE OUTLET WITH (2) RJ-45 JACKS. RUN CAT6 CABLES BACK TO THE NEAREST TELECOM ROOM.
 3. DEMOLISH ALL DATA DEVICES INCLUDING WIRELESS ACCESS POINT AND REMOVE CONDUIT AND CABLES TO UPSTREAM TELECOM EQUIPMENT.
 4. DEMOLISH ALL ELECTRICAL DEVICES ON WALLS AND REMOVE CONDUIT AND CABLES TO UPSTREAM TELECOM EQUIPMENT.



1 LEVEL 01 DEMOLITION PLAN - SYSTEMS
1/8" = 1'-0"



2 LEVEL 01 PLAN - SYSTEMS
1/8" = 1'-0"

IMEG
1000 BALTIMORE SUITE 300
KANSAS CITY, MO 64108
P: 816.842.8437
www.imegcorp.com

IMEG RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO 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.
©2024 IMEG CONSULTANTS CORP.
Missouri Certificate of Authority #0203010035

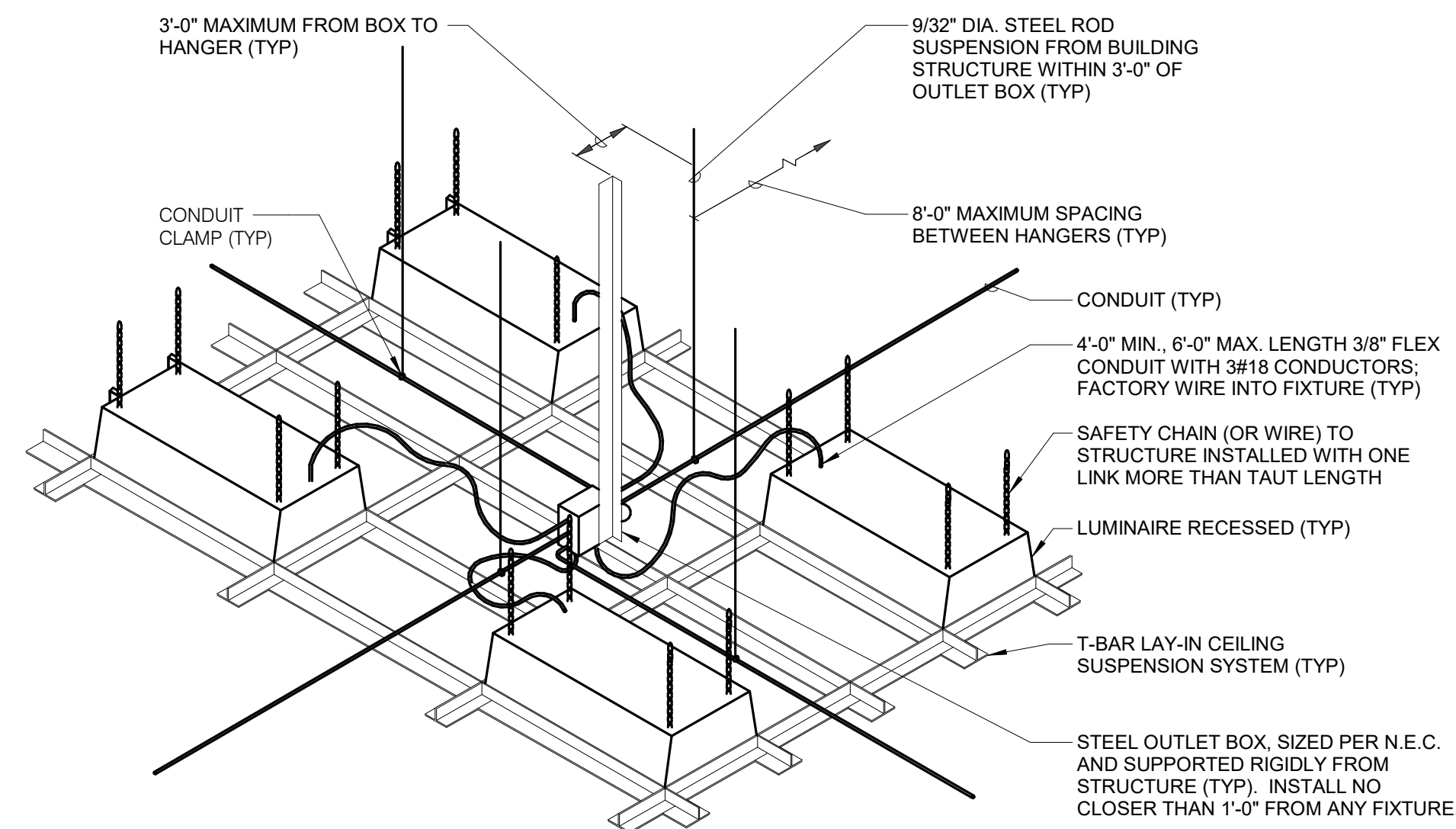
REF. SCALE IN INCHES PROJECT #24000931.00

ELECTRICAL DISTRIBUTION AND PANEL SCHEDULE NOTES:

1. BRANCH PANEL KEY:
 - a. *A = ARC FAULT CIRCUIT INTERRUPT
 - b. *G = GROUND FAULT CIRCUIT INTERRUPT
 - c. *I = ISOLATED GROUND
 - d. *P = PADLOCK HASP
 - e. *R = RED HANDLE
 - f. *S = SHUNT TRIP
 - g. *NB = NEW BREAKER
 - h. *RB = REPLACE EXISTING BREAKER WITH NEW BREAKER
 - i. *EB = EXISTING BREAKER
 - j. *M = [CBM] CIRCUIT BREAKER METER - PROVIDE *EM WHEN NOT AVAILABLE (SPECIFICATION 26.09.13)
 - k. *EM = [DEM] DIGITAL ENERGY METER - ADD ON (SPECIFICATION 26.09.13)

MOUNTING: SURFACE		ENCLOSURE: NEMA 1		FED FROM: 225 A/3P @ H1		LOCATION:														
PANEL H2 (EXISTING)																				
SINGLE TUB SOLID NEUTRAL GROUND BUS				MAIN: 225 A MCB VOLTS: 480/277 Wye PHASE: 3 WIRE: 4 SCRR: EXISTING ISC UNKNOWN 0.00 KA																
NOTES: EXISTING PANEL.																				
K E Y	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	H	N	G	VD %	A	B	C	VD %	WIRE SIZE G	H	WIRE SIZE N	P	OCPD AMPS	LOAD DESCRIPTION	CKT NO.	K E Y
--	1	LTG - SECOND FLOOR EAST	20 A	1	--	--	--	0	0				--	--	3	20 A	ELEVATOR	2	--	
--	3	LTG - SECOND FLOOR WEST	20 A	1	--	--	--			0	0		--	--	--	--	--		4	--
--	5	LTG - FIRST FLOOR EAST	20 A	1	--	--	--				0	0	--	--	--	--	--		6	--
--	7	LTG - FIRST FLOOR WEST	20 A	1	--	--	--	0	0				--	--	3	20 A	RTU-1	8	--	
--	9	FCU-1	20 A	1	--	--	--			0	0		--	--	--	--	--		10	--
--	11	FCU-2	20 A	1	--	--	--				0	0	--	--	--	--	--		12	--
--	13	FCU-3	20 A	1	--	--	--	0	0				--	--	3	20 A	RTU-2	14	--	
--	15	FPB-1	20 A	1	--	--	--			0	0		--	--	--	--	--		16	--
--	17	FPB-2	20 A	1	--	--	--				0	0	--	--	--	--	--		18	--
--	19	FPB-3	20 A	1	--	--	--	0	0				--	--	1	20 A	FPB-12	20	--	
--	21	FPB-4	20 A	1	--	--	--			0	0		--	--	3	20 A	FPB-13	22	--	
--	23	FPB-6	20 A	3	--	--	--				0	0	--	--	--	--	--		24	--
--	25	--	--	--	--	--	--	0	0				--	--	--	--	--		26	--
--	27	--	--	--	--	--	--			0	0		--	--	1	20 A	FPB-14	28	--	
--	29	FPB-7	20 A	1	--	--	--				0	--	--	--	--	--	--		30	--
--	31	FPB-8	20 A	1	--	--	--	0	11.09				0.53	10	4	3	50 A	X-RAY	32	NB
--	33	FPB-9	20 A	1	--	--	--			0	11.09		--	--	--	--	--		34	--
--	35	FPB-10	20 A	3	--	--	--				0	11.09	--	--	--	--	--		36	--
--	37	--	--	--	--	--	--	0	1.76				0.1	--	--	3	175 A	TR-12	38	--
--	39	--	--	--	--	--	--			0	1.56		--	--	--	--	--		40	--
--	41	FPB-11	20 A	1	--	--	--				0	0.56	--	--	--	--	--		42	--
Total Load:									12.85 kVA	12.65 kVA	11.65 kVA									
Total Amps:									46.93	46.21	42.04									
LOAD CLASSIFICATION			CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*														
Lighting			0 kVA	0.00%	0 kVA															
Power			33.255 kVA	100.00%	33.255 kVA	TOTAL CONNECTED LOAD: 36.74 kVA														
Receptacles			3.48 kVA	100.00%	3.48 kVA	TOTAL ESTIMATED DEMAND LOAD: 36.735 kVA														
					TOTAL CONNECTED AMPS: 44.19 A															
					TOTAL ESTIMATED DEMAND AMPS: 44.2 A															
*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.																				
CIRCUIT KEY NOTES: 1. PERFORM 30 DAY METERING PRIOR TO CONNECTION OF X-RAY PANEL. IF LOAD EXCEEDS 175A, CONNECT X-RAY TO PANEL H1-PB IN ADJACENT TENANT SPACE AND ADD METER TO X-RAY LOAD AT THE PANEL.																				

MOUNTING: SURFACE		ENCLOSURE: NEMA 1		FED FROM: 225 A/3P @ TR-12		LOCATION:															
PANEL L2 (EXISTING)																					
DOUBLE TUB SOLID NEUTRAL GROUND BUS				MAIN: 225 A MCB VOLTS: 120/208 Wye PHASE: 3 WIRE: 4 SCRR: EXISTING ISC UNKNOWN 0.00 KA																	
NOTES: EXISTING PANEL.																					
K E Y	CKT NO.	LOAD DESCRIPTION	OCPD AMPS	P	H	N	G	VD %	A	B	C	VD %	WIRE SIZE G	H	WIRE SIZE N	P	OCPD AMPS	LOAD DESCRIPTION	CKT NO.	K E Y	
--	1	REC - RM 116 & 118	20 A	1	--	--	--	0	0				--	--	1	20 A	REC - RM 119 & 120	2	--		
--	3	REC - RM 121 & 122	20 A	1	--	--	--			0	0		--	--	1	20 A	REC - RM 120 & 124	4	--		
--	5	REC - RM 127 & RR'S 128, 129	20 A	1	--	--	--				0	0	--	--	1	20 A	REC - RM 131 (DESKS, XRAY)	6	--		
--	7	REC - RM 130 & 131	20 A	1	--	--	--	0	0				--	--	1	20 A	REC - RM 131 'REFRIG.'	8	--		
--	9	REC - RM 109, 110, & 132	20 A	1	--	--	--			0	0		--	--	1	20 A	REC - RM 107 & 108	10	--		
--	11	REC - RM 104 & 106	20 A	1	--	--	--				0	0	--	--	1	20 A	JBOX/REC - RM 103 'WATER...	12	--		
--	13	REC - RM 103	20 A	1	--	--	--	0	0				--	--	1	20 A	REC - RM 104 'WATER COOLER'	14	--		
--	15	REC/LTG - RM 105	20 A	1	--	--	--			0	0		--	--	1	20 A	REC/LTG - RM 101	16	--		
--	17	REC - RM 202	20 A	1	--	--	--				0	0	--	--	1	20 A	REC - RM 200, 210, 206, 207, 208, 209	18	--		
--	19	REC - RM 203	20 A	1	--	--	--	0	0				--	--	1	20 A	REC - RM 204, PART 205	20	--		
--	21	REC - RM 211, PART 205	20 A	1	--	--	--			0	0		--	--	1	20 A	REC - RM 209	22	--		
--	23	REC - RM 209	20 A	1	--	--	--				0	0	--	--	1	20 A	REC - RM 210 'WASHING MACHINE'	24	--		
--	25	REC - RM 210 'DRYER'	20 A	2	--	--	--	0	0				--	--	1	20 A	REC - RM 211 'REFRIGERATOR'	26	--		
--	27	--	--	--	--	--	--			0	0		--	--	1	20 A	REC - RM 211 'REFRIGERATOR'	28	--		
--	29	REC - RM 211 'GARBAGE DISP.'	20 A	1	--	--	--				0	0	--	--	1	20 A	REC - RM 211 'MICROWAVE'	30	--		
--	31	REC - RM 211 'DISHWASHER'	20 A	1	--	--	--	0	0				--	--	1	20 A	REC - RM 211 'MICROWAVE'	32	--		
--	33	SPARE	20 A	1	--	--	--			0	0		--	--	1	20 A	LTG - RM 103 'PENDANTS'	34	--		
--	35	ELEVATOR MISC.	20 A	1	--	--	--				0	0	--	--	1	20 A	REC - RM 202	36	--		
--	37	REC - RM 205 'COPY MACHINE'	20 A	1	--	--	--	0	0				--	--	1	20 A	REC - RM 211	38	--		
--	39	J-BOX - RM 205 'FURNITURE'	20 A	1	--	--	--				0	0	--	--	1	20 A	REC - ROOF	40	--		
--	41	J-BOX - RM 205 'FURNITURE'	20 A	1	--	--	--				0	0	--	--	1	20 A	VAV - 1, 2, & 3	42	--		
--	43	J-BOX - RM 205 'FURNITURE'	20 A	1	--	--	--	0	0				--	--	1	20 A	EF-1, EF-EL & EF-JT	44	--		
--	45	J-BOX - RM 205 'FURNITURE'	20 A	1	--	--	--			0	0		--	--	1	20 A	J-BOX - EAST EXT. SIGNAGE	46	--		
--	47	J-BOX - RM 205 'FURNITURE'	20 A	1	--	--	--				0	0	--	--	1	20 A	J-BOX - WEST EXT. SIGNAGE	48	--		
--	49	J-BOX - RM 205 'FURNITURE'	20 A	1	--	--	--	0	0				--	--	2	15 A	CU-1	50	--		
--	51	REC - RM 131	20 A	1	--	--	--			0	0		--	--	--	--	--	52	--		
EB	53	REC - RM 106 'SCALE'	20 A	1	12	12	12	0.42			0.18	0.2	1.77	6	6	6	1	20 A	SINGLE POLE DISCONNECT	54	EB
G	55	REFRIGERATOR	20 A	1	12	12	12	2.49	1.2	0.2			1.77	6	6	6	1	20 A	SINGLE POLE DISCONNECT	56	EB
G	57	DISHWASHER	20 A	1	12	12	12	2.58		1.2	0		--	--	1	20 A	SPARE	58	--		
EB	59	REC - RM 112 'SCALE'	20 A	1	12	12	12	0.32			0.18	0	--	--	1	20 A	SPARE	60	--		
EB	61	OPERATOR WORKSTATION	20 A	1	12	12	12	1.23	0.36	0			--	--	1	20 A	SPARE	62	--		
EB	63	REC - ROOM 134	20 A	1	12	12	12	1.16		0.36	0		--	--	1	20 A	SPARE	64	--		
--	65	SPACE	--	1	--	--	--						--	--	1	--	SPACE	66	--		
--	67	SPACE	--	1	--	--	--						--	--	1	--	SPACE	68	--		
--	69	SPACE	--	1	--	--	--						--	--	1	--	SPACE	70	--		
--	71	SPACE	--	1	--	--	--						--	--	1	--	SPACE	72	--		
--	73	SPACE	--	1	--	--	--						--	--	1	--	SPACE	74	--		
--	75	SPACE	--	1	--	--	--						--	--	1	--	SPACE	76	--		
--	77	SPACE	--	1	--	--	--						--	--	1	--	SPACE	78	--		
--	79	SPACE	--	1	--	--	--						--	--	1	--	SPACE	80	--		
--	81	SPACE	--	1	--	--	--						--	--	1	--	SPACE	82	--		
--	83	SPACE	--	1	--	--	--						--	--	1	--	SPACE	84	--		
Total Load:									1.76 kVA	1.56 kVA	0.56 kVA										
Total Amps:									15.95	14.28	4.67										
LOAD CLASSIFICATION			CONNECTED LOAD	DEMAND FACTOR	ESTIMATED DEMAND	TOTALS*															
Lighting			0 kVA	0.00%	0 kVA																
Power			0 kVA	0.00%	0 kVA	TOTAL CONNECTED LOAD: 3.48 kVA															
Receptacles			3.48 kVA	100.00%	3.48 kVA	TOTAL ESTIMATED DEMAND LOAD: 3.48 kVA															
					TOTAL CONNECTED AMPS: 9.66 A																
					TOTAL ESTIMATED DEMAND AMPS: 9.7 A																
*TOTAL DEMAND CALCS SUBTRACT ANY REDUNDANT LOAD AND THE SMALLER OF ANY NONCOINCIDENT HVAC LOADS. THIS CALC IS DONE AT EACH PANEL.																					
CIRCUIT KEY NOTES:																					



- NOTES:
1. DO NOT SUPPORT CONDUIT

REV#	DATE	DESCRIPTION

Issue Date: 10/10/2024
Project #: 24001

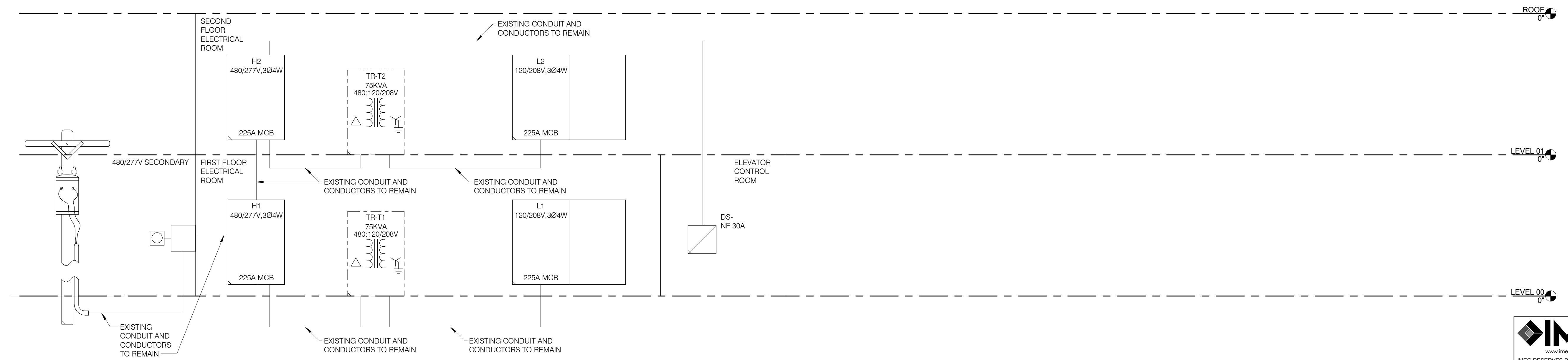
LED LUMINAIRE SCHEDULE

(DESC) DOOR:	DISTRIBUTION:	BEAMWIDTH:	(L/L) LENS/LOUVER:	K19 - KSH19 .156" ACRYLIC
FA - FLAT ALUMINUM	II - ANSI/IES TYPE 2 DISTRIBUTION	NSP - VERY NARROW SPOT	A - .125" ACRYLIC	M - MATTE DIFFUSE CLEAR
FS - FLAT STEEL	III - ANSI/IES TYPE 3 DISTRIBUTION	SP - SPOT	B - BAFFLE/LOUVER	N - NONE
RA - REGRESSED ALUMINUM	IV - ANSI/IES TYPE 4 DISTRIBUTION	MD - MEDIUM	C - CLEAR ALZAK	P - POLYCARBONATE
RS - REGRESSED STEEL	V - ANSI/IES TYPE 5 DISTRIBUTION	WD - WIDE	F - FROSTED ACRYLIC	R - HIGH IMPACT DR ACRYLIC
FINISH:		VWD - VERY WIDE	G - TEMPERED GLASS	SS - SEMI-SPECULAR CLEAR
PAF - PAINT AFTER FABRICATION		WW - WALL WASH	K - KSH12 .125" ACRYLIC	O - OTHER (SEE DESCRIPTION)
CFSA - COLOR-FINISH SELECTION BY ARCHITECT				[DESIGN SPECIFIC BLANKS]
(MTG) MOUNTING:	RE - RECESSED	(WATT) PER:	FIX - FIXTURE, FT - FOOT, LAMP	
CL - CEILING SURFACE	SP - SUSPENDED	(TYPE) LED	RGB - COLOR CHANGING LED	
CV - COVE	SU - SURFACE	LED - LIGHT EMITTING DIODE	RGBW - COLOR CHANGING + WHITE	
FR - FLANGED RECESSED	UC - UNDER CABINET	TLED - TUBULAR LED LAMP	RGBA - COLOR CHANGING + AMBER	
P - PERIMETER	WL - WALL	OLED - ORGANIC LED	RLED - RETROFIT LED	
PL - POLE	O - OTHER (SEE DESCRIPTION)	DLED - DYNAMIC TUNABLE LED	WLED - WARM DIM LED	
(TYPE) DRIVER:				
0-10V - 0-10V DIMMING	EB - ELECTRONIC	HL - HIGH/LOW (100%/50%) STEP DIM		MV - MULTI-VOLTAGE ELECTRONIC
DALI - DIGITAL ADDRESSABLE	ELV - ELECTRONIC LOW VOLTAGE	LINE - LINE VOLTAGE DIMMING		REM - REMOTE
DMX - DIGITAL MULTIPLEX	EM - EMERGENCY BATTERY	ML - MULTI-LEVEL SWITCHING		O - OTHER (SEE DESCRIPTION)


CATALOG NUMBER SHALL NOT BE CONSIDERED COMPLETE AND MATERIAL SHALL NOT BE ORDERED BY MANUFACTURER AND CATALOG NUMBER ONLY. THE COMPLETE DESCRIPTION AND THE SPECIFICATION SHALL BE COORDINATED WITH THE CATALOG NUMBER TO DETERMINE THE EXACT MATERIAL AND ACCESSORIES TO BE ORDERED. THE FIRST MANUFACTURER LISTED IS THE BASIS OF DESIGN.

VERIFY AND COORDINATE ALL CEILING TYPES WITH LUMINAIRE MOUNTING AND TRIM REQUIREMENTS PRIOR TO THE RELEASE OF THE LUMINAIRE ORDER.
CONFIRM ALL COLORS AND FINISHES OF ALL LUMINAIRE COMPONENTS WITH ARCHITECT AND INTERIOR DESIGNER PRIOR TO THE RELEASE OF THE LUMINAIRE ORDER.
UNLESS INDICATED ON LIGHTING PLANS OR BELOW, REFER TO ARCHITECTURAL AND INTERIOR DESIGN ELEVATIONS, SECTIONS AND DETAILS FOR ALL SUSPENDED AND WALL MOUNTED LUMINAIRE MOUNTING HEIGHTS.

ITEM	DESCRIPTION	L/L	MTG	DIMENSIONS				WATT		LED		DRIVER		MANUFACTURER AND MODEL	
				L	W	H	DIA.	ANSI WATTS	PER	TYPE	QTY	DELIVERED LUMENS (MIN)	VOLTS		TYPE
IU	IN USE SIGN, RECESSED, SIGNAGE TO READ "X-RAY IN USE"	O	CL	1'-0"	3 1/2"	9"		0 W	FIX	LED	1	LUMENS	120 V	EM	SIGNIFY CHLORIDE AMS SERIES



1 EXISTING RISER DIAGRAM
NO SCALE



1000 BALTIMORE SUITE 300 KANSAS CITY, MO 64108 P: 816.842.8437
www.imegcorp.com

IMEG RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO 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.
©2024 IMEG CONSULTANTS CORP.
Missouri Certificate of Authority #0203010035
REF. SCALE IN INCHES PROJECT #24000931.00

26 27 26 WIRING DEVICES

SUBMIT SHOP DRAWING PRODUCT DATA INCLUDING ALL DEVICES AND ACCESSORIES.

ALL SWITCH, RECEPTACLE, OUTLET, AND COVERPLATE COLORS SHALL BE WHITE, VERIFIED WITH ARCHITECT, UNLESS INDICATED OTHERWISE.

ALL SWITCHES, RECEPTACLES, AND OUTLET FACEPLATES SHALL BE COMPLETE WITH THERMOPLASTIC COVERPLATES IN FINISHED SPACES WHERE WALLS ARE FINISHED. PROVIDE #302 STAINLESS STEEL COVERPLATES IN UNFINISHED SPACES FOR FLUSH BOXES, AND GALVANIZED STEEL COVERPLATES IN UNFINISHED SPACES FOR SURFACE MOUNTED BOXES.

WHERE SEVERAL DEVICES ARE GANGED TOGETHER, THE COVERPLATE SHALL BE OF THE GANGED STYLE FOR THE NUMBER OF DEVICES USED.

MODULAR CONNECTORS: CONTRACTOR OPTION TO PROVIDE EQUIVALENT MODULAR CONNECTOR-TYPE DEVICES (HUBBELL SNAP CONNECT, PASS & SEYMOUR PLUG TAIL, LEVITON LEV-LOCK, COPPER ARROWLINK) WHERE APPLICABLE.

INSTALL RECEPTACLES VERTICALLY WITH GROUND SLOT UP.

INSTALL DECORATIVE PLATES ON SWITCH, RECEPTACLE, AND BLANK OUTLETS IN FINISHED AREAS, USING JUMBO SIZE PLATES FOR OUTLETS INSTALLED IN MASONRY WALLS. INSTALL GALVANIZED STEEL PLATES ON OUTLET BOXES AND JUNCTION BOXES IN UNFINISHED AREAS, ABOVE ACCESSIBLE CEILINGS, AND ON SURFACE MOUNTED OUTLETS.

INSTALL NAMEPLATE IDENTIFICATION TO RECEPTACLE COVER PLATES INDICATED. IDENTIFICATION SHALL IDENTIFY PANEL NAME AND CIRCUIT NUMBER.

TEST RECEPTACLES FOR PROPER POLARITY, GROUND CONTINUITY, AND COMPLIANCE WITH REQUIREMENTS.

RECEPTACLES

REFER TO ELECTRICAL SYMBOLS LIST FOR DEVICE TYPE.

DEVICES THAT ARE SHADED ON THE DRAWINGS SHALL BE RED.

[REC-DUP]: NEMA 5-20R DUPLEX RECEPTACLE; HUBBELL 5352, LEVITON 5362-S, PASS & SEYMOUR 5362, COOPER 5362.

26 28 16 DISCONNECT SWITCHES

SUBMIT SHOP DRAWINGS INCLUDING PRODUCT DATA, DIMENSIONS, WEIGHTS, PERFORMANCE, RATINGS, ENCLOSURE TYPE, CURRENT, VOLTAGE, AND SHORT-CIRCUIT RATINGS.

REFER TO DISCONNECT SCHEDULE ON DRAWINGS FOR ADDITIONAL INFORMATION.

MOLDED CASE CIRCUIT BREAKERS

ACCEPTABLE MANUFACTURERS: SQUARE D, EATON, ABB, SIEMENS


[CB-#]: MOLDED CASE CIRCUIT BREAKER, INTERRUPTING CAPACITY TO MEET AVAILABLE FAULT CURRENTS.

THERMAL MAGNETIC CIRCUIT BREAKERS SHALL HAVE INVERSE TIME-CURRENT ELEMENT FOR LOW-LEVEL OVERLOADS AND INSTANTANEOUS MAGNETIC TRIP ELEMENT FOR SHORT CIRCUITS. PROVIDE ADJUSTABLE MAGNETIC TRIP SETTING FOR CIRCUIT-BREAKER FRAME SIZES 250 A AND LARGER.

ADJUSTABLE INSTANTANEOUS TRIP CIRCUIT BREAKERS: MAGNETIC TRIP ELEMENT WITH FRONT-MOUNTED, FIELD-ADJUSTABLE TRIP SETTINGS.

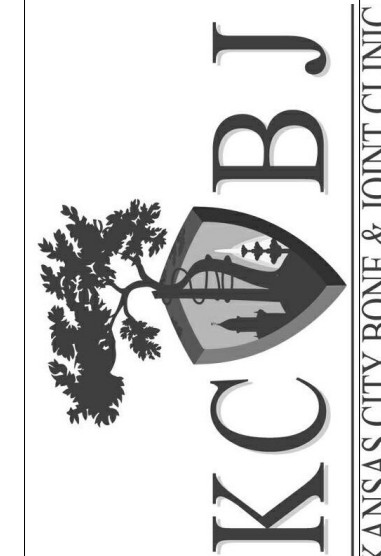
ELECTRONIC TRIP UNIT CIRCUIT BREAKERS: RMS SENSING; FIELD-REPLACEABLE RATING PLUG; WITH THE FOLLOWING FIELD-ADJUSTABLE SETTINGS: INSTANTANEOUS TRIP, LONG- AND SHORT-TIME PICKUP LEVELS, LONG- AND SHORT-TIME ADJUSTMENTS, GROUND-FAULT PICKUP LEVEL, TIME DELAY, AND I2T RESPONSES.

GUY GRONBERG ARCHITECTS, P.C.
19 SE 272 St.
Lee's Summit, MO 64083
Phone 816.524.0219
Fax 816.524.9570

1000 BALTIMORE
SUITE 300
KANSAS CITY, MO 64108
P: 816.842.8437
PROJECT #24000931.00
www.imegcorp.com

KANSAS CITY
BONE & JOINT
2737 NORTHEAST
McBAIN DRIVE
LEE'S SUMMIT
MISSOURI, 64064




This drawing has been provided as an instrument of service to the architect, or engineer, and is not to be used for any other project. It is the property of IMEG and shall not be reproduced, copied, or distributed without the written consent of IMEG. The original copy of this drawing, and all reproductions, shall remain the property of IMEG. If you have any questions, please contact IMEG at 816.842.8437. ©2024 IMEG CONSULTANTS CORP.

REV#	DATE	DESCRIPTION

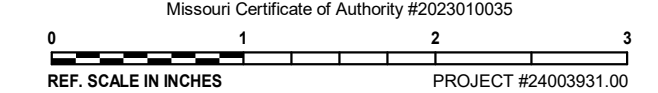
Issue Date: **10/10/2024**
Project #: **24001**

SHEET NUMBER
E901



1000 BALTIMORE
SUITE 300
KANSAS CITY, MO 64108
P: 816.842.8437
www.imegcorp.com

IMEG RESERVES PROPRIETARY RIGHTS, INCLUDING COPYRIGHTS, TO 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.
©2024 IMEG CONSULTANTS CORP.
Missouri Certificate of Authority #2023010035



REF. SCALE IN INCHES PROJECT #24000931.00