

HCA - LEE'S SUMMIT MEDICAL CENTER LAB & PHARMACY RENOVATION

2100 SE BLUE PKWY LEE'S SUMMIT, MO 64063

DGL PROJECT NO HCA PROJECT NO.

6406.24.0001 0972400009

HCA DESIGN MANAGER: MIKAL MALIK HCA CONSTRUCTION MANAGER: ERIC SJODIN

SUBMITTALS:

DATE:

CITY & STATE - 1ST REVIEW

DESIGN COORDINATION

07/17/2025

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MILLERKNOLL (MODULAR FURNITURE)

DONNA DOSS, DONNA_DOSS@MILLERKNOLL.COM

	X = ISSUED SHEET		<u>ر</u> []
	R = REVISED SHEET F = FOR REFERENCE ONLY	7	-
	D = DELETED SHEET	- 05/23/2025	
SHEET NUMBER	SHEET NAME	1ST CITY SUBMITTAL - 05/	
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M06-01	RISER DIAGRAM - MECHANICAL	X	
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T08-01	SCHEDULES - TECHNOLOGY	Х	L
ENDOR(MILLE HM.P01.LAB	R KNOLL)LAB	F	
HM.P01.UTIL E01-LAB	P01-UTIL E01-LAB	F	
E02-LAB	E02-LAB	F	
	R KNOLL)PHARMACY		_
HM.P02-UTIL HM.P02.RX	P02-UTIL P02-RX	F	L
E03-RX	E03-RX	F	
HM. D09 HM. D10	ACUTE CARE AND LAB CO-STRUC SUPPORT PANELS	F	L
	AGE SYSTEMS)	1	
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DATE SIGNED: 07.17.25

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MISSOURI DHSS

FACILITY NUMBER: **0972400009**

AGENCY APPROVALS:

REVISIONS

REV # DESCRIPTION DATE

1 ASI-001 - DESIGN COORDINATION 2025/07/17

05/23/2025

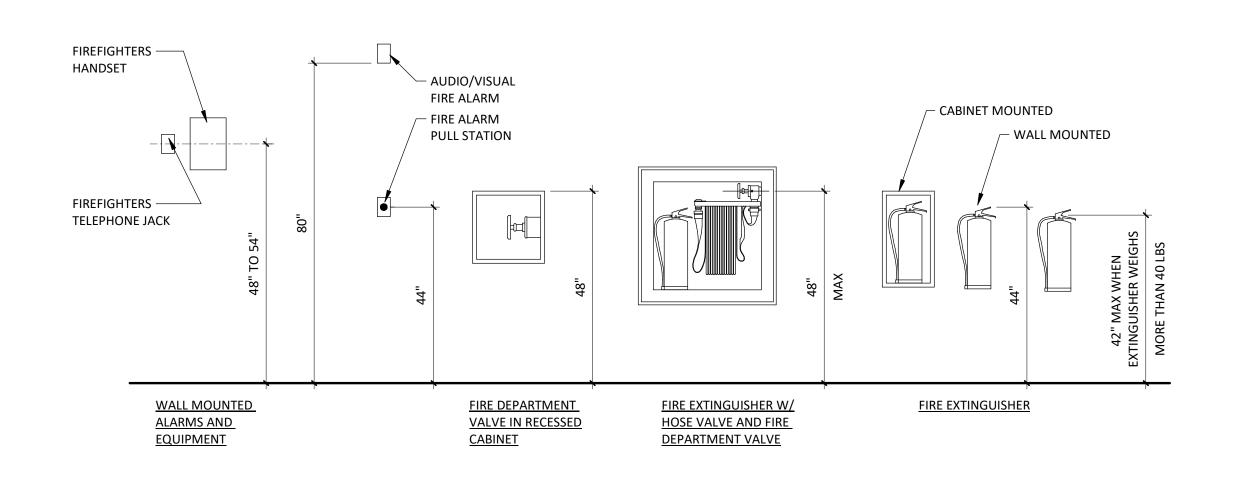
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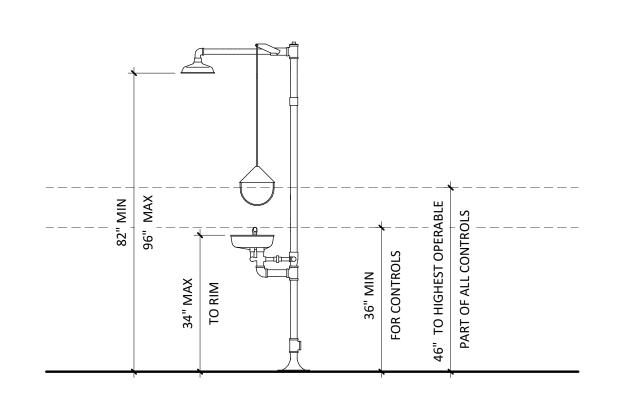
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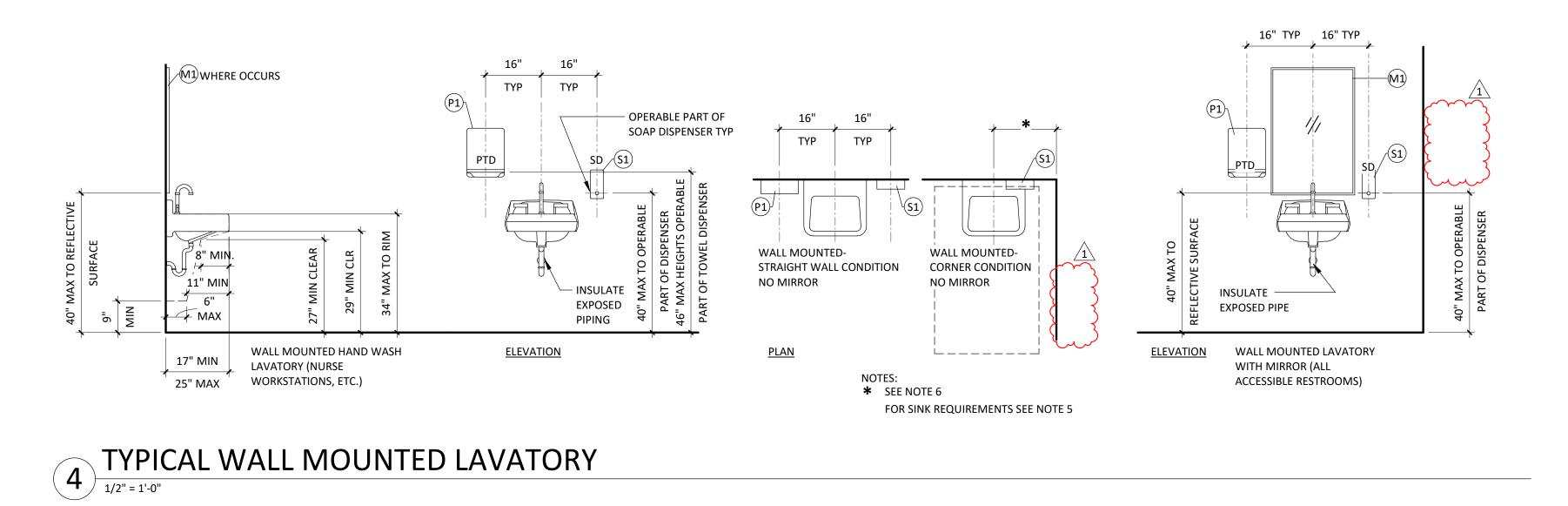
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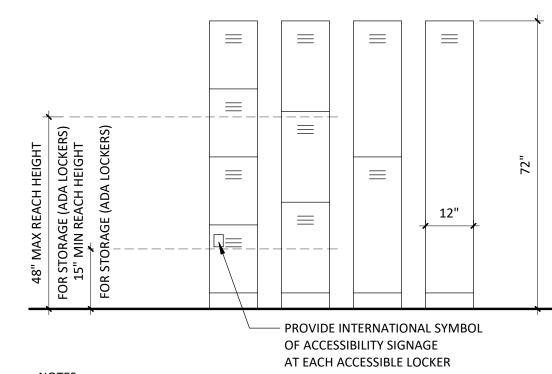
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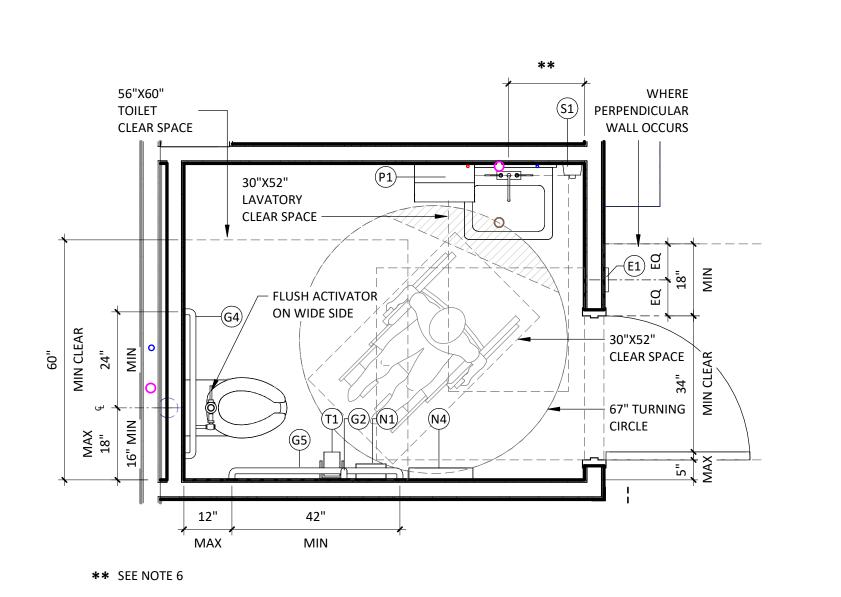


1. 5% OF LOCKERS SHALL BE ADA ACCESSIBLE W/ AT LEAST ONE OF EACH LOCKER TYPE AS ADA ACCESSIBLE.

2. PROVIDE 30"X48" CLEAR FLOOR SPACE FOR EACH ADA LOCKER. 3. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5LBS. MAX.

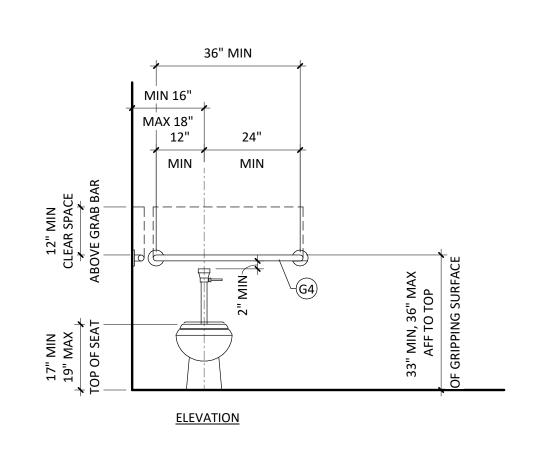
4. REFER TO FLOOR PLAN FOR LAYOUT REQUIREMENTS.

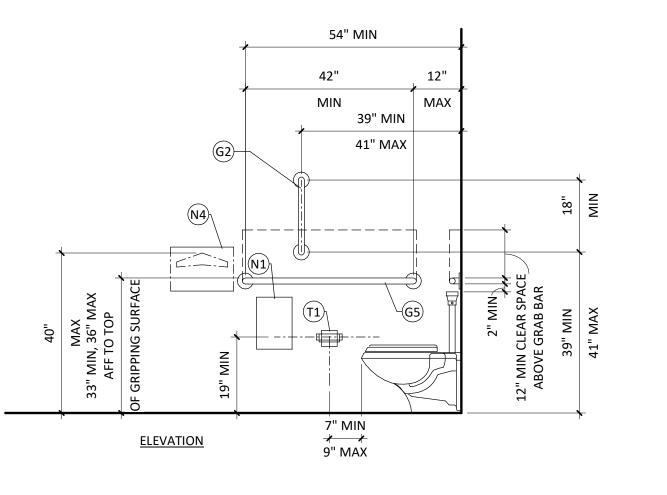
TYPICAL LOCKER WITH BASE 1/2" = 1'-0"

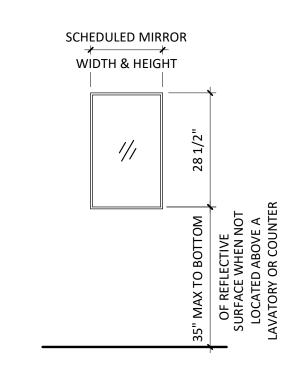


6 TYPICAL FIRE EQUIPMENT

1/2" = 1'-0"







OUT-SWING ACCESSIBLE TOILET ROOM

TYPICAL WATER CLOSET ACCESSORIES ELEVATIONS

1/2" = 1'-0"



TYPICAL MOUNTING GENERAL NOTES

. IT IS THE INTENT OF THE DESIGN THAT ALL ITEMS SHOWN MOUNTED AT TYPICAL

- HEIGHTS BE ACCESSIBLE TO PERSONS WITH DISABILITIES. ITEMS INDICATED AS NON-ACCESSIBLE ARE INTENDED FOR AUTHORIZED STAFF & SHALL BE COORDINATED W/ CLINICAL FUNCTION PER OWNER'S REQUIREMENTS. THE PURPOSE OF THIS SHEET IS TO ILLUSTRATE TYPICAL MOUNTING HEIGHTS AND -WHERE APPLICABLE - TYPICAL MINIMUM OR MAXIMUM CLEARANCES AND/OR
- TYPICAL MOUNTING CONFIGURATIONS WHICH MAY OCCUR AS PART OF THE WORK OF THIS PROJECT. REFER TO THE PLANS, ELEVATIONS, SECTIONS, DETAILS, AND SCHEDULES TO DETERMINE WHICH ITEMS AND CONFIGURATIONS APPLY TO THE WORK OF THIS PROJECT.
- TYPICAL DIMENSIONS SHOWN ON THIS SHEET TAKE PRECEDENCE OVER TYPICAL DIMENSIONS SHOWN ON THE ELECTRICAL OR MECHANICAL DRAWINGS FOR THE MOUNTING OF ITEMS INSTALLED BY THE ELECTRICAL OR MECHANICAL TRADES. WHERE DISCREPANCIES OCCUR ARCHITECT SHALL BE NOTIFIED IN WRITING. MOUNTING HEIGHTS, DIMENSIONS, CLEARANCES, AND ACCESS REQUIREMENTS FOR
- TOILET ACCESSORIES SHOWN ON THIS SHEET ARE GENERIC. SPECIFIC MANUFACTURERS AND MODELS AS INDICATED IN THE PROJECT MANUAL MOUNTING HEIGHTS, DIMENSIONS, CLEARANCES, AND ACCESS REQUIREMENTS OF THE SIMILAR ACCESSORIES MAY VARY FROM THOSE SHOWN HERE. WHEN SIMILAR ACCESSORIES ARE UTILIZED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COORDINATION REQUIRED TO ACHIEVE THE SAME AESTHETIC, FUNCTIONAL, AND ACCESSIBLE DESIGN INTENT ILLUSTRATED BY THE CONFIGURATION SHOWN ON THE DRAWINGS.
- HANDWASH STATION/LAVATORY WITH GOOSENECK FAUCET SHALL HAVE A LAVATORY BASIN AREA NOT LESS THAN 144 SQ. INCHES WITH A MINIMUM 9" WIDTH OR LENGTH. THE WATER DISCHARGE POINT OF THE GOOSENECK FAUCET SHALL BE A MINIMUM 10" ABOVE THE BOTTOM OF THE LAVATORY BASIN. PER FGI GUIDELINES LAVATORIES & HAND WASHING SINKS SHALL BE SECURELY ANCHORED TO WITHSTAND AN APPLIED VERTICAL LOAD NOT LESS THAN 250 POUNDS ON THE
- FIXTURE & MILLWORK FRONT. 18" MIN WHEN USING [P1] (WASTE RECEPTACLE SHALL NOT ENCROACH ON FIXTURE CLEAR SPACE OR TURNING RADIUS. COORDINATE SIZE WITH OWNER) 20" MIN WHEN USING A [P3] COMBINATION UNIT.

ACCESSORY LEGEND

- (T1) SURFACE MOUNTED OR RECESSED TOILET PAPER DISPENSER
- (S1) SOAP DISPENSER (ADULT)
- (P1) SURFACE MOUNTED OR RECESSED PAPER TOWEL DISPENSER (BOBRICK B-262/B-359)
- (N4) TOILET SEAT COVER DISPENSER
- (N1) SURFACE MOUNTED SANITARY NAPKIN DISPOSAL AT FEMALE
- AND UNISEX TOILET ONLY (M1) 24"WX36"H SURFACE MOUNTED MIRROR
- (M6) 18"WX24"H SURFACE MOUNTED MIRROR

(E1) TACTILE ROOM SIGN - WHERE OCCURS

- (H1) SURFACE MOUNTED COAT HOOK
- (G1) 12" LENGTH GRAB BAR (G2) 18" LENGTH GRAB BAR
- (G3) 24" LENGTH GRAB BAR
- G4) 36" LENGTH GRAB BAR
- (G5) 42" LENGTH GRAB BAR



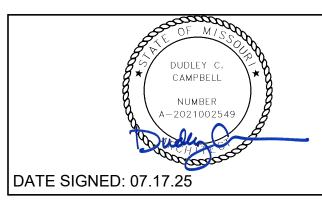
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> PHARMACY RENOVATION

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AUTHORITY HAVING JURISDICTION: CITY OF LEE'S SUMMIT BUILDING DEPT. MISSOURI DHSS

FACILITY NUMBER:

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AGENCY

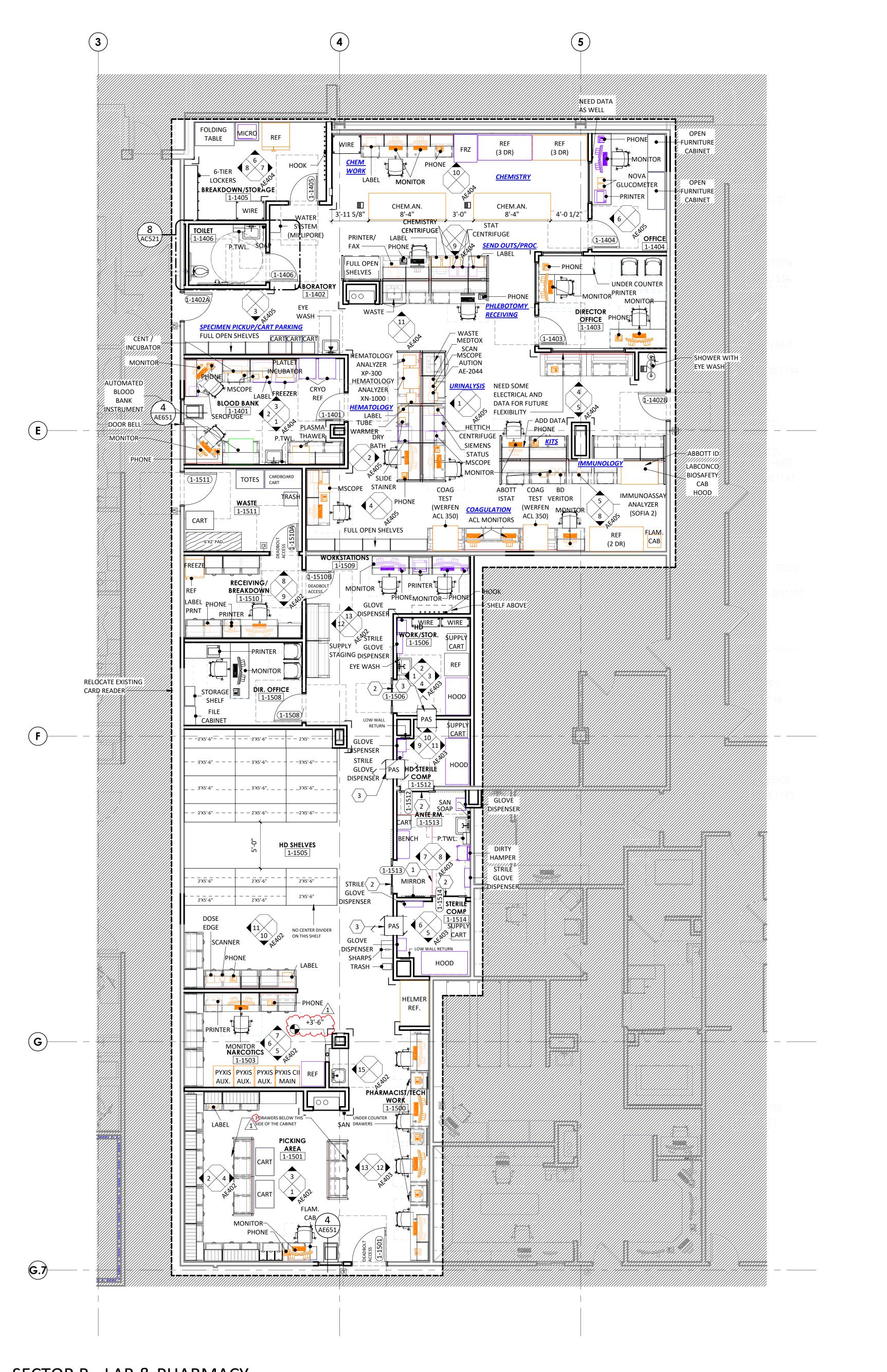
AGENCY APPROVALS:

REVISIONS DESCRIPTION DATE ASI-001 - DESIGN COORDINATION 2025/07/17

DATE:
CHANN:
CHA 1/2" = 1'-0" JOB NUMBER:

ĕ TYPICAL MOUNTING HEIGHTS

AC521



ANNOTATION PLAN GENERAL NOTES

THE WORD "CLEAR" INDICATES CRITICAL DIMENSIONS FOR ACCESSIBLE EQUIPMENT OR FUNCTIONAL CLEARANCES FROM FACE OF FINISH TO FACE OF FINISH.
 DIMENSIONS MEASURE FROM THE EXPOSED SURFACE OF EXISTING WALLS, PARTITIONS, COLUMNS, ETC.; NEW PARTITIONS ARE DIMENSIONED TO THE FACE OF THE FRAMING; MEASURE AND VERIFY DIMENSIONS IN FIELD.
 ALL INFORMATION GRAYED-OUT INDICATES EXISTING.

PARTITION LEGEND

EXISTING

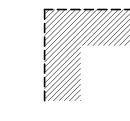
NON-RATED PARTITION

2-HOUR FIRE BARRIER

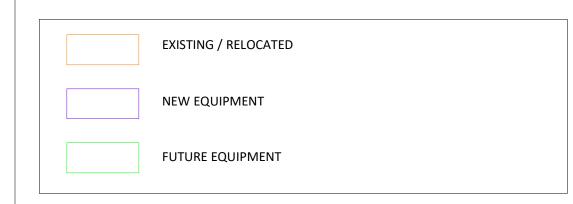
1-HOUR SMOKE BARRIER

SMOKE PARTITION

1-HOUR FIRE PARTITION



LIMITS OF CONSTRUCTION
(SHADE INDICATES AREA OUTSIDE OF SCOPE)



KEYNOTE LEGEND

KEY NOTE

EDGE OF FLOOR COVERING DESIGNATING CLEAR DEMARCATION AREA.

ASSA ABLOY SL500 SA-PP SURFACE APPLIED, P-PANEL NARROW STILE SINGLE SLIDE DOOR SYSTEM. REMOVE OVERHEAD MOTION SENSOR DOOR ACTUATOR AND REPLACE WITH WALL MOUNTED WAVE PLATE ON BOTH INTERIOR AND EXTERIOR SIDE OF DOOR.

KEY PLAN

LEVEL 1 - KEYPLAN

PASS - THROUGH BY CLEAN AIR PRODUCTS (CAP18WFB) 24X24X24 FULLY WELDED) - INSTALL PER MANUFACTURERS WRITTEN SPECIFICATIONS.



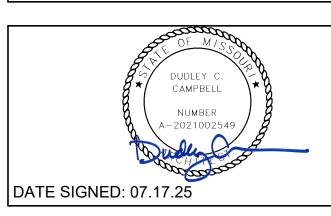
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1 ASI-001 - DESIGN COORDINATION 2025/07/17

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SCALE: As indicated DRAWN: PL, JV
REVIEWED:

9 JOB NUMBER:

ANNOTATION FLOOR PLAN LEVEL 1 - SECTOR B - LAB & PHARMACY

AE131B

ANNOTATION FLOOR PLAN - LEVEL 1 - SECTOR B - LAB & PHARMACY

3/16" = 1'-0"

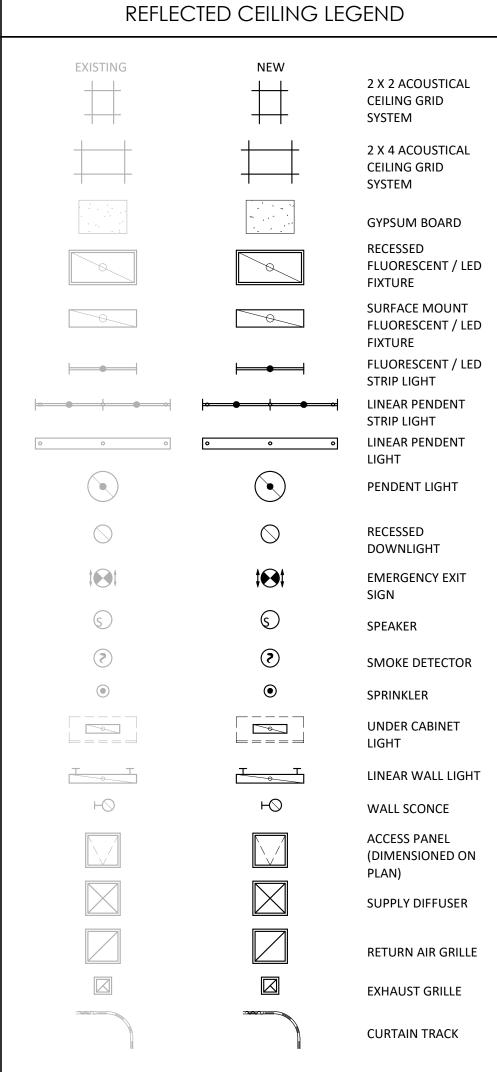


REFLECTED CEILING GENERAL NOTES

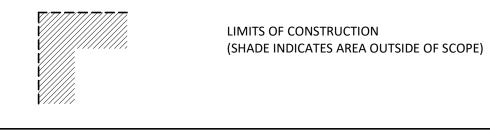
- 1. CEILING HEIGHTS 9'-0" AFF UNLESS NOTED OTHERWISE. ALL SOFFIT HEIGHTS 8'-0" AFF UNLESS NOTED OTHERWISE.
- CENTER CEILING SYSTEMS IN ROOMS UNLESS NOTED OTHERWISE. CENTER SPRINKLER HEADS, SPEAKERS, RECESSED LIGHTS, AND SMOKE OR THERMAL
- DETECTORS IN CEILING TILE UNLESS NOTED OTHERWISE.
- 4. EXTEND SOFFIT GYPSUM BOARD TO 6" ABOVE FINISHED CEILING. 5. IF SPECIFIED HEIGHT OF FINISHED CEILING NEEDS TO BE LOWERED DUE TO
- 6. PROVIDE ACCESS PANELS AS NECESSARY FOR VALVES AND DAMPERS IN GYPSUM

CONDITIONS FOUND DURING CONSTRUCTION OR DEMOLITION, CONTACT ARCHITECT

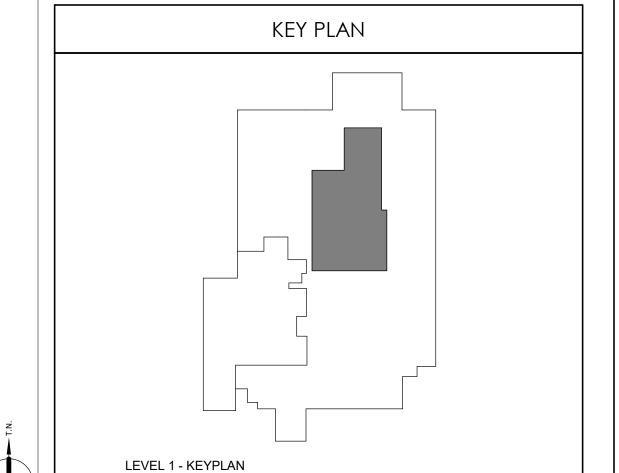
BOARD CEILINGS. ALL SOFFIT FACES SHALL RECIEVE SAME PAINT COLOR. SEE PLAN FOR COLOR **ASSIGNMENTS**



	PARTITION LEGEND									
EXISTING	NEW									
		NON-RATED PARTITION								
		2-HOUR FIRE BARRIER								
		1-HOUR FIRE BARRIER								
		1-HOUR SMOKE BARRIER								
		SMOKE PARTITION								
		1-HOUR FIRE PARTITION								



		KEYNOTE LEGEND	
KEY	NOTE		





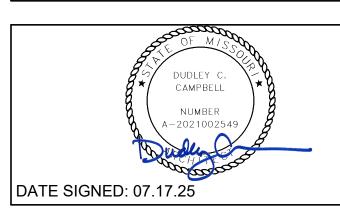
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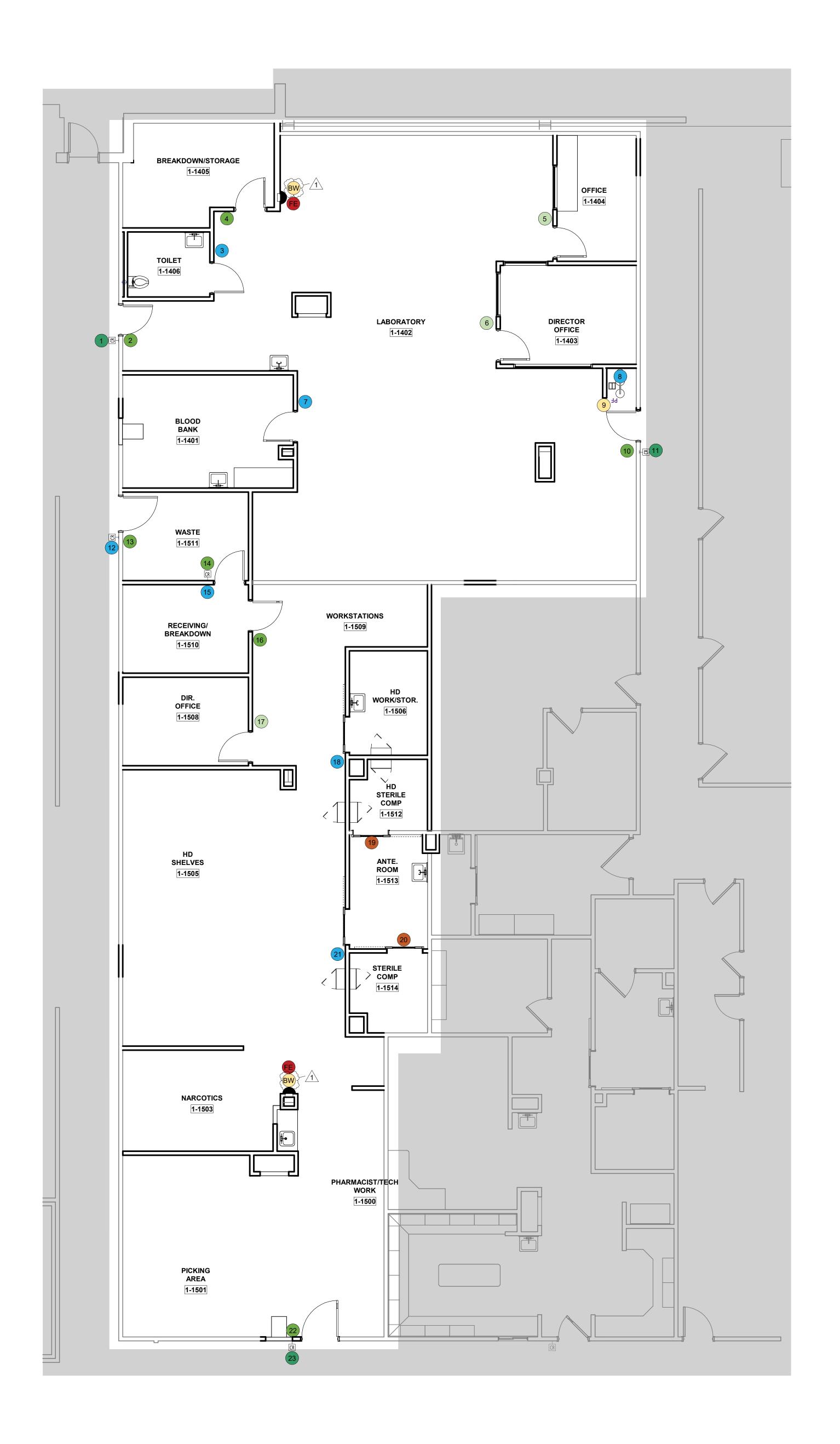
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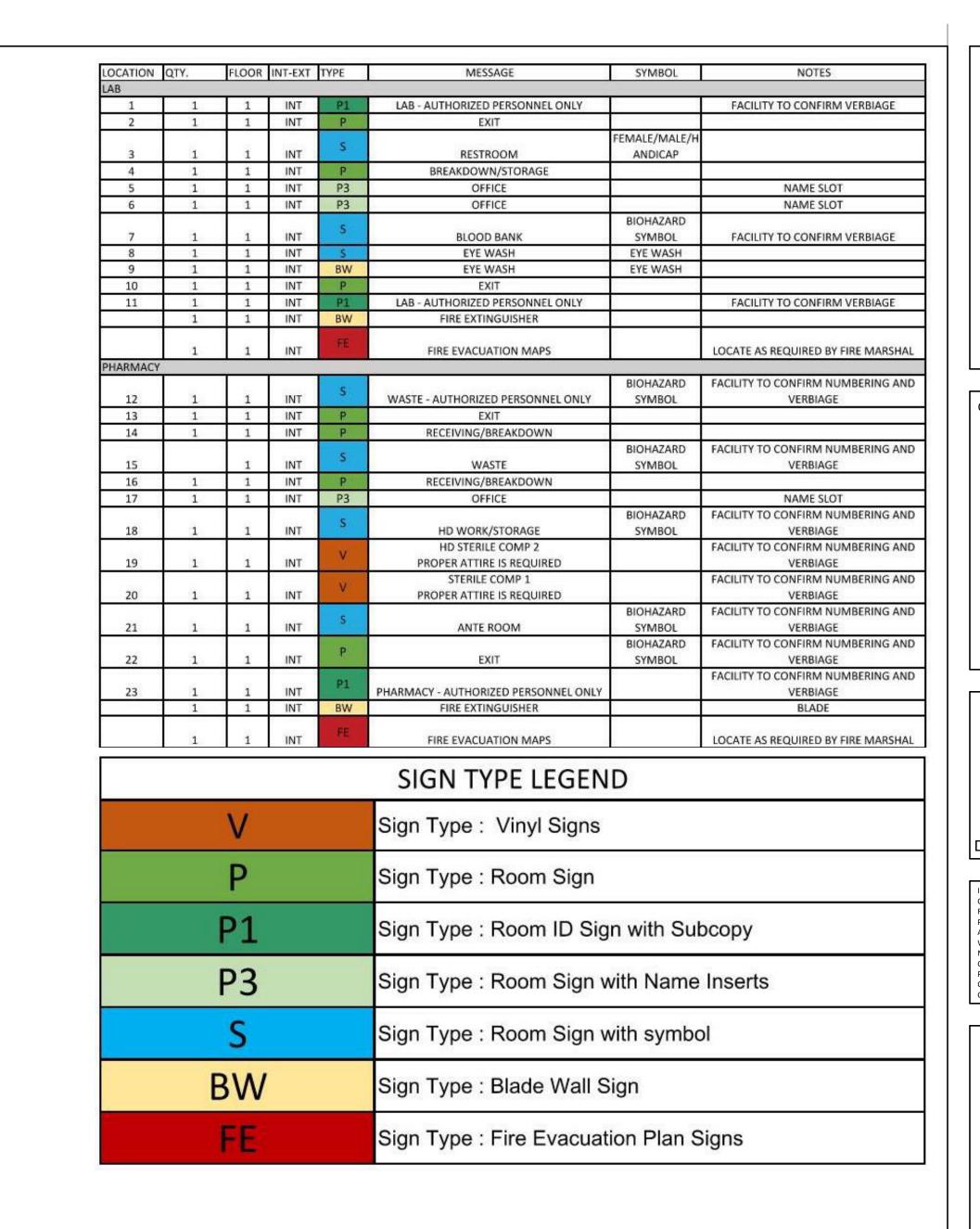
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DATE:
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REVIEWED: 05/23/2025 3/16" = 1'-0" JOB NUMBER:

REFLECTED CEILING PLAN -ទ្រី LEVEL 1 - SECTOR B - LAB & PHARMACY

AE181B





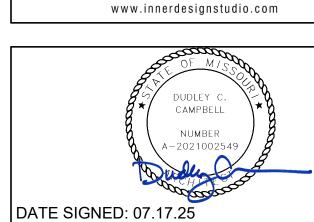


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Brentwood, TN 37027
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LAB & PHARMACY RENOVATION

HCA - LEE'S SUMMIT

MEDICAL CENTER

2100 SE BLUE PKWY

LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:

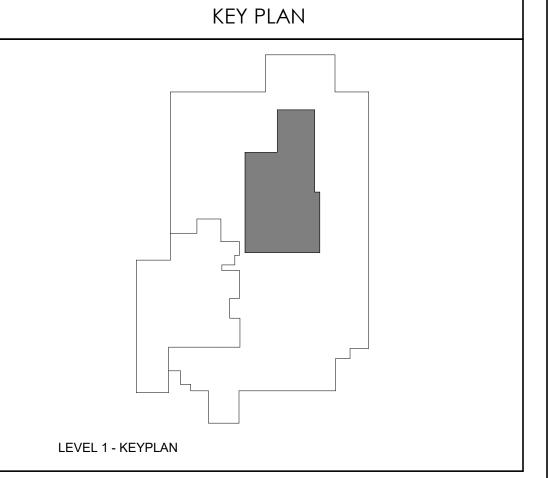
REVISIONS
REV # DESCRIPTION DATE

1 ASI-001 - DESIGN COORDINATION 2025/07/17

DATE: 05/20/2025
SCALE: 3/16" = 1'-0"
DRAWN: PC
REVIEWED: TG
JOB NUMBER: 6406.24

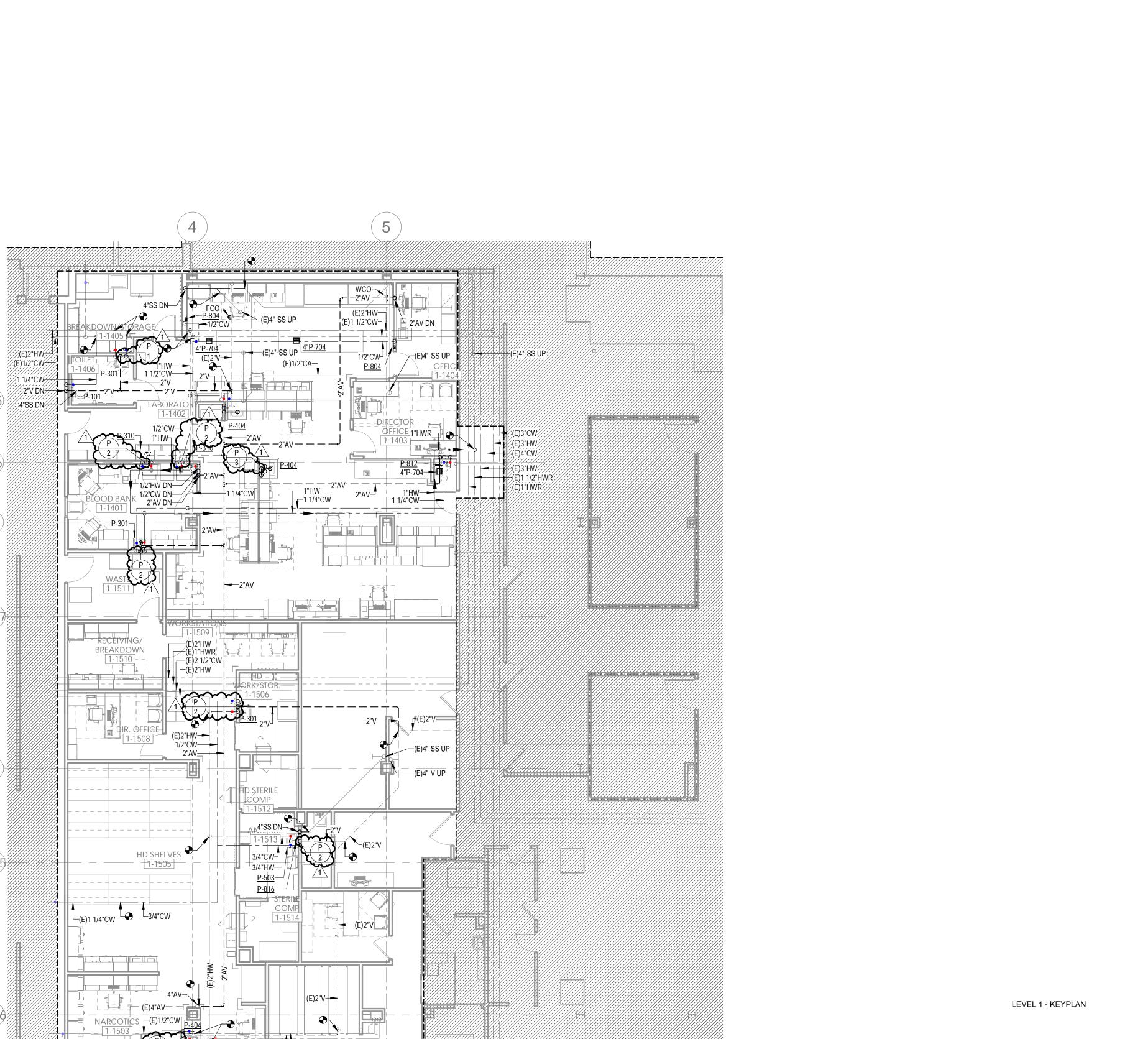
SIGNAGE PLAN - LEVEL 1

AF105



GENERAL NOTES

A. REFER TO P00-00 FOR GENERAL PLUMBING NOTES AND SYMBOLS.



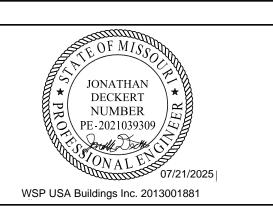
1) FLOOR PLAN - LEVEL 1 - SECTOR B - LAB, PHARMACY & EVS - PLUMBING 1/8" = 1'-0"



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LAB & PHARMACY RENOVATION

HCA - LEE'S SUMMIT MEDICAL CENTER 2100 SE BLUE PKWY LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:

CITY OF LEE'S SUMMIT BUILDING DEPT.

MISSOURI DHSS

FACILITY NUMBER: 0972400009

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1 ASI-001 - DESIGN COORDINATION 2025/07/17

DATE:
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05/23/2025 1/8" = 1'-0" WSP WSP 6406.24

FLOOR PLAN - LEVEL 1 - SECTOR B - LAB, PHARMACY & EVS - PLUMBING

P02-01

/30"X42"/UP/// /TO/AHU-8// V (E) 46"x16" SA 12.5 OFFICE 3 DEMOLITION PLAN - LEVEL 1 - SECTOR B - LAB & PHARMACY- HVAC 1/8" = 1'-0"

GENERAL DEMO NOTES

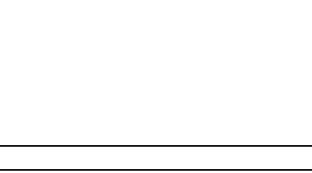
- A. REFER TO M00-00 FOR GENERAL MECHANICAL NOTES AND SYMBOLS.
 B. ALL EXISTING CONDITIONS INDICATED ON THESE DRAWINGS ARE APPROXIMATE AND BASED UPON A COMBINATION OF AVAILABLE RECORD DESIGN AND
- AND BASED UPON A COMBINATION OF AVAILABLE RECORD DESIGN AND AS-BUILT DOCUMENTS. CONTRACTOR TO VERIFY EXISTING CONDITIONS.

 C. ALL EXISTING DUCT SIZES AND AIRFLOW VALUES ON PLAN ARE PER THE DESIGN DOCUMENTS AVAILABLE.
- D. CONTRACTOR TO PRE-TAB ALL SUPPLY, RETURN, AND EXHAUST DUCTWORK SERVED BY EXISTING SYSTEMS MODIFIED AS A PART OF THIS SCOPE. PRE-TAB TO INCLUDE CURRENT CONSTRUCTION SCOPE AREAS AND ALL OUT OF SCOPE AREAS SERVED BY THE MODIFIED SYSTEMS. CONTRACTOR TO DOCUMENT PRECONSTRUCTION VALUES AND PROVIDE TO ENGINEER OF RECORD. UPON COMPLETION OF CONSTRUCTION, REBALANCE ALL EXISTING AREAS TO PRE-TABBED CONSTRUCTION VALUES.

LEGEND NOTES

- DEMOLISH EXISTING FAN POWERED BOX AND ASSOCIATED DUCTWORK, PIPING, ACCESSORIES/FITTINGS, INSULATION, VALVES, SUPPORTS, ELECTRICAL, CONTROL
- WIRING, ETC.
- 14"X12" EXISTING EXHAUST DUCT UP TO GEF-22.
 DEMOLISH EXISTING CAV AND ASSOCIATED DUCTWORK, PIPING,
- ACCESSORIES/FITTINGS, INSULATION, VALVES, SUPPORTS, ELECTRICAL, CONTROL WIRING, ETC.

 4. EXISTING 12"X12" EXHAUST DUCT UP TO EXISTING LEF-2.



Devenney

GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road

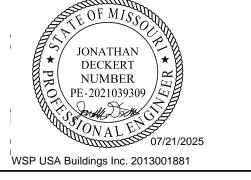
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Suite 500

Consultant:



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LAB & PHARMACY RENOVATION

HCA - LEE'S SUMMIT MEDICAL CENTER 2100 SE BLUE PKWY LEE'S SUMMIT, MO 64063

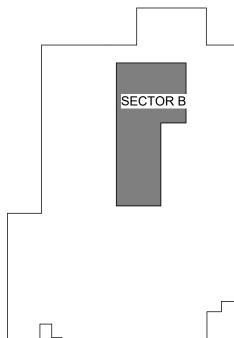
AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

FACILITY NUMBER:

AGENCY APPROVALS:

REVISIONS
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. ASI-001 - DESIGN COORDINATION 2025/07/17

LEVEL 1 - KEYPLAN



DATE: 05/23/2025
SCALE: 1/8" = 1'-0"
DRAWN: HO
REVIEWED: JD
JOB NUMBER: 6406.24

DEMOLITION PLAN - LEVEL

1 - SECTOR B - LAB &

PHARMACY - HVAC

MD02-01

A. SUPPLEMENTAL GENERAL CONDITIONS 1. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND IT IS THE INTENT AND MEANING OF THE CONTRACT ITEMS AND APPURTENANCES NECESSARY, REASONABLE INCIDENTAL, OR CUSTOMARILY INCLUDED, EVEN THOUGH EACH AND EVERY ITEM IS NOT SPECIFICALLY CALLED OUT OR SHOWN. THE CONTRACTOR SHALL PROVIDE ALL

FUNCTIONING ELECTRICAL SYSTEM IN SAFE WORKING ORDER. REGARDING THE MEANING OR INTENT OF THE SYMBOLS USED, AN INTERPRETATION SHALL BE OBTAINED FROM

EQUIPMENT, MATERIALS, LABOR, SUPERVISION AND SERVICE NECESSARY SO AS TO PROVIDE A COMPLETE,

- THE ARCHITECT IN WRITING. THE DECISION OF THE ARCHITECT SHALL BE FINAL. 3. IT SHALL BE THE RESPONSIBILITY OF EACH CONTRACTOR TO EXAMINE THE CONTRACT DOCUMENTS CAREFULLY BEFORE SUBMITTING THEIR BID, WITH PARTICULAR ATTENTION TO ERRORS, OMISSIONS, CONFLICTS WITH PROVISIONS OF LAWS AND CODES HAVING JURISDICTION. CONFLICTS BETWEEN DRAWINGS OR DRAWINGS AND SPECIFICATIONS, AND AMBIGUOUS DEFINITION OF THE EXTENT OF COVERAGE BETWEEN CONTRACTS. ANY SUCH DISCREPANCY SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ARCHITECT FOR CORRECTION. SHOULD ANY OF THESE ERRORS, OMISSIONS, CONFLICTS, OR AMBIGUITIES EXIST, THE CONTRACTOR SHALL HAVE THEM EXPLAINED AND ADJUSTED IN WRITING BEFORE SIGNING THE CONTRACT OR PROCEEDING WITH THE WORK; OTHERWISE, THE CONTRACTOR SHALL, AT THEIR OWN EXPENSE, SUPPLY THE PROPER MATERIALS AND LABOR TO MAKE GOOD ANY DAMAGE OR DEFECTS IN THEIR WORK OR THE RESULTS OBTAINED THEREFROM, CAUSED BY
- 4. WHEREVER CONFLICTS OCCUR BETWEEN DIFFERENT PARTS OF THE CONTRACT DOCUMENTS, THE GREATER QUANTITY, THE BETTER QUALITY, OR LARGER SIZE SHALL PREVAIL UNLESS THE ARCHITECT INFORMS THE CONTRACTOR OTHERWISE IN WRITING.
- 5. THE SCALE OF EACH DRAWING IS RELATIVELY ACCURATE; ANY DIMENSIONS SHOWN ARE APPROXIMATE TO CENTERLINE FROM ASSUMED BUILDING PERIMETER. THE CONTRACTOR SHALL OBTAIN THE NECESSARY DIMENSIONS FOR ANY EXACT TAKEOFFS FROM THE ARCHITECT. NO ADDITIONAL COST TO THE OWNER WILL BE CONSIDERED FOR FAILURE TO OBTAIN EXACT DIMENSIONS WHERE NOT CLEAR OR IN ERROR ON THE DRAWINGS. ANY DEVICE OR FIXTURE ROUGHED IN IMPROPERLY AND NOT POSITIONED ON IMPLIED CENTER-LINES OR AS
- REQUIRED BY GOOD PRACTICE MUST BE REPOSITIONED AT NO COST TO THE OWNER. 6. THE CONTRACTOR IS RESPONSIBLE FOR FILING AND PAYING ALL FEES AND OBTAINING NECESSARY PERMITS AND CERTIFICATES OF INSPECTION. THE CONTRACTOR SHALL DELIVER ALL CERTIFICATES OF INSPECTION TO OWNER/CONSTRUCTION MANAGER INCLUDING COPIES WITH MAINTENANCE MANUALS.
- 7. ONLY EXPERIENCED CRAFTSMEN KNOWLEDGEABLE IN THEIR RESPECTIVE TRADE SHALL PERFORM THE WORK DESCRIBED IN THE CONSTRUCTION DOCUMENTS. 8. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF NFPA STANDARD 70 (NATIONAL
- ELECTRICAL CODE). CONTRACTOR SHALL ALSO CONFORM TO ALL APPLICABLE LOCAL CODES AND AMENDMENTS. 9. UNLESS OTHERWISE INDICATED, ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND SHALL MEET NEMA AND ANSI STANDARDS. THEY SHALL ALSO BE LISTED/LABELED BY A NATIONALLY RECOGNIZED LABORATORY IN ACCORDANCE WITH NFPA 70. EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S
- RECOMMENDATIONS, AND WITHIN THEIR LISTING/LABELING REQUIREMENTS AND RESTRICTIONS. 10. PROVIDE SHOP DRAWINGS FOR ENGINEER'S REVIEW FOR ALL ELECTRICAL EQUIPMENT, DEVICES, AND MATERIALS PROPOSED TO BE PROVIDED UNDER THIS CONTRACT. ANY DEVIATIONS FROM ITEMS SPECIFIED SHALL BE CLEARLY IDENTIFIED AND SEPARATELY SUBMITTED WITH A FORMAL SUBSTITUTION REQUEST. REFER TO SPECIFICATIONS (PROJECT MANUAL) FOR REQUIREMENTS.

- 1. PROVIDE AN IDENTIFICATION NAMEPLATE FOR EACH ELECTRICAL EQUIPMENT, APPURTENANCE DEPICTING THE DESIGNATION INDICATED ON THE DRAWINGS. REFER TO SPECIFICATIONS FOR FURTHER REQUIREMENTS. 2. WEATHERPROOF ENCLOSURES SHALL BE PROVIDED FOR ALL ELECTRICAL EQUIPMENT, DEVICES AND
- APPURTENANCES (ALL SYSTEMS) INSTALLED OUTDOORS. 3. COORDINATE AND SCHEDULE ALL POWER OUTAGES WITH OWNER. REFER TO SPECIFICATIONS FOR FURTHER
- 4. SPACE ALLOCATIONS FOR MATERIALS, EQUIPMENT AND DEVICES HAVE BEEN MADE ON THE BASIS OF PRESENT AND KNOWN FUTURE REQUIREMENTS AND THE DIMENSIONS OF ITEMS OF EQUIPMENT OR DEVICES OF A PARTICULAR MANUFACTURER. THE CONTRACTOR SHALL VERIFY THAT ALL MATERIALS, EQUIPMENT AND DEVICES
- PROPOSED FOR USE ON THIS PROJECT ARE WITHIN THE CONSTRAINTS OF THE ALLOCATED SPACE. 5. DO NOT USE PERMANENT INK WHEN MAKING FIELD MARKINGS OR TEMPORARY CIRCUIT LABELS ON PANELS. CONTRACTOR SHALL USE REMOVABLE TAPE/TAGS FOR ALL TEMPORARY MARKINGS AND SHALL REMOVE THESE TEMPORARY MARKINGS AT THE CONCLUSION OF THIS PROJECT.

1. COORDINATE WITH THE SITE WORK FOR THE LOCATION, DIMENSIONS AND ELEVATION OF ALL DUCTBANKS/SERVICE

CONDUITS EXTERNAL TO THE BUILDING PRIOR TO INSTALLATION OF ALL DUCTBANKS/SERVICE CONDUITS INTERNAL TO THE BUILDING. 2. COORDINATE ALL ELECTRICAL UTILITY SERVICE REQUIREMENTS WITH UTILITIES REPRESENTATIVE PRIOR TO COMMENCING ANY ELECTRICAL SITE WORK. CONTRACTOR SHALL SCHEDULE ALL NECESSARY MEETINGS BETWEEN UTILITY COMPANIES CONSTRUCTION FOREMAN, ELECTRICAL SUBCONTRACTORS, AND VARIOUS SUBCONTRACTORS RESPONSIBLE FOR SITE CONSTRICTION PRIOR TO ELECTRICAL ROUGH-IN.

1. ALL WORK SHALL BE COORDINATED SO THAT INTERFERENCES ARE AVOIDED. PROVIDE ALL NECESSARY OFFSETS IN CONDUITS, RACEWAYS, ETC., REQUIRED TO PROPERLY INSTALL THE WORK. EXPOSED WORK MUST BE KEPT AS CLOSE AS POSSIBLE TO WALLS, CEILINGS, COLUMNS, ETC., SO AS TO TAKE UP MINIMUM AMOUNT OF SPACE; ALL OFFSETS, FITTINGS, ETC., REQUIRED SHALL BE PROVIDED WITHOUT ADDITIONAL EXPENSE TO THE OWNER. WORK SHALL BE COORDINATED WITH OTHER TRADES.

- 2. CONDUIT RUNS ARE DIAGRAMMATIC IN NATURE. CONTRACTOR IS RESPONSIBLE FOR SIZING AND LOCATING PULL BOXES PER NFPA 70 AND FOR COORDINATION WITH OTHER DISCIPLINES.
- 3. PENETRATIONS OF WALLS, FLOORS, AND ROOFS FOR THE PASSAGE OF ELECTRICAL RACEWAYS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER OF RECORD PRIOR TO THE COMMENCEMENT OF WORK. ALL SUCH PENETRATIONS SHALL BE PROPERLY SEALED OFF AFTER INSTALLATION OF RACEWAY SO AS TO MAINTAIN THE STRUCTURAL, WATER PROOF, AND FIRE PROOF INTEGRITY OF THE WALL, FLOOR, OR ROOF SYSTEM PENETRATED.
- 4. SEAL ALL CONDUITS THAT PENETRATE THE BASEMENT FLOOR SLAB TO MAKE THEM WATER TIGHT. THE CONDUITS SHALL BE DRIED PRIOR TO INSTALLATION OF WIRE/CABLE AND SHALL BE SEALED AT TERMINATIONS. 5. ALL PENETRATIONS THROUGH FIRE RATED WALLS OR PARTITIONS SHALL BE MADE IN ACCORDANCE WITH U.L. "FIRE RESISTANCE DIRECTORY". PENETRATIONS SHALL BE SLEEVED AND SEALED WITH A UL APPROVED FIRE RATED
- SEALANT. REFER TO ARCHITECTURAL PLANS FOR FIRE RATED WALLS. 6. ALL EMPTY CONDUIT SYSTEMS SHALL CONTAIN A PULL WIRE FOR FUTURE PULLING OF CONDUCTORS.

SHALL BE MINIMUM #8 AWG WIRE SIZE.

1. CIRCUITING IS SHOWN DIAGRAMMATICALLY. HOMERUNS SHALL BE COMBINED WHERE POSSIBLE IN ACCORDING TO

- 2. UNLESS OTHERWISE INDICATED, ALL CIRCUITS 100' OR LESS SHALL BE MINIMUM #12 AWG WIRE SIZE. CIRCUITS OVER 100' BUT LESS THAN 200' SHALL BE MINIMUM #10 AWG WIRE SIZE. CIRCUITS OVER 200' BUT LESS THAN 300'
- 3. UNLESS OTHERWISE INDICATED, ALL CONDUCTORS SHALL BE COPPER, 98% CONDUCTIVITY CONTINUOUS FROM OUTLET TO OUTLET.
- 4. UNLESS OTHERWISE INDICATED, CONDUCTOR SIZES #12 AWG AND #10 AWG SHALL BE SOLID. CONDUCTOR SIZES #8 AWG AND LARGER MAY BE STRANDED. 5. A SEPARATE INSULATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE PULLED WITH THE CIRCUIT CONDUCTORS
- SHEATH SHALL NOT BE USED AS THE ONLY EQUIPMENT GROUNDING CONDUCTOR. 6. HOMERUN CIRCUITS FOR ISOLATED GROUND RECEPTACLES SHALL BE SEPARATED FROM OTHER CIRCUITS. EACH CIRCUIT SHALL HAVE ITS OWN NEUTRAL CONDUCTOR AND EACH HOMERUN SHALL CONTAIN AN ISOLATED AND EQUIPMENT GROUND CONDUCTOR.

FOR GROUNDING WHETHER OR NOT INDICATED ON THE DRAWINGS. METAL RACEWAY, OR A CABLE ARMOR OR

1. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATION AND MOUNTING HEIGHT OF ALL WALL AND FLOOR MOUNTED ELEMENTS (OUTLETS, LIGHT SWITCHES, CONTROLLERS, POKE-THRU, ETC). ALL WALL/FLOOR MOUNTED ITEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE ARCHITECTURAL DIMENSIONED DRAWINGS. IF LOCATION FOR AN ITEM IS NOT SHOWN ON THE ARCHITECTURAL DRAWINGS, VERIFY THE EXACT LOCATION OF THE ITEM WITH THE ARCHITECT PRIOR TO INSTALLATION. THESE REQUIREMENTS APPLY TO ALL WALL/FLOOR TYPES IN ALL AREAS. DO NOT SCALE OR DIMENSION LOCATIONS FROM THESE DRAWINGS.

- 2. COORDINATE THE LOCATION AND INSTALLATION DETAIL OF OUTLETS IN MILLWORK WITH ARCHITECTURAL DRAWINGS (WALL ELEVATIONS, MILLWORK DETAILS, ETC.) AND WITH MILLWORK MANUFACTURER PRIOR TO
- ELECTRICAL ROUGH-IN. 3. WALL AND FLOOR MOUNTED POWER RECEPTACLES SHOWN NEAR DATA OUTLETS SHALL BE LOCATED WITHIN SIX (6) INCHES OF THE DATA OUTLET. LOCATE AT SAME MOUNTING HEIGHT UNLESS NOTED OTHERWISE. 4. VERIFY THE EXACT POWER CONNECTION TYPE AND NEMA CONFIGURATION OF RECEPTACLES FOR EQUIPMENT
- ELECTRICAL ROUGH-IN. 5. ALL RECEPTACLES LOCATED OUTSIDE THE BUILDING ENVELOPE SHALL BE HOUSED IN ENCLOSURES THAT ARE
- RATED 'WEATHER-PROOF-WHILE-IN-USE' AND SHALL BE EQUIPPED WITH GFCI FOR PERSONNEL PROTECTION. 6. ALL GFCI RECEPTACLES SHALL BE CONNECTED SO THAT ALL DEVICES ON THE SAME CIRCUIT AS THE GFCI RECEPTACLE DO NOT DE-ENERGIZE UPON TRIPPING. ALL GFCI RECEPTACLES SHALL INCLUDE A LOCK-OUT FUNCTION TO PROTECT AGAINST THE USE OF MISWIRED DEVICES OR DEVICES THAT HAVE BEEN DAMAGED DUE TO

FURNISHED BY THE OWNER, OTHER TRADES, OR UNDER A SEPARATE SECTION OF THIS CONTRACT PRIOR TO

DISABLING SURGES.

- 1. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOCATION OF ALL CEILING ELEMENTS (LIGHTS, SPRINKLERS, DIFFUSERS, ETC). ALL CEILING MOUNTED ITEMS SHALL BE INSTALLED IN ACCORDANCE WITH THE ARCHITECTURAL DIMENSIONED DRAWINGS. IF LOCATION FOR AN ITEM IS NOT SHOWN ON THE ARCHITECTURAL DRAWINGS, VERIFY THE EXACT LOCATION OF THE ITEM WITH THE ARCHITECT PRIOR TO INSTALLATION. THESE REQUIREMENTS APPLY TO ALL CEILING TYPES IN ALL AREAS. DO NOT SCALE OR DIMENSION LOCATIONS FROM THESE DRAWINGS.
- 2. PROVIDE AND INSTALL ALL SUPPORTS FOR LIGHT FIXTURES. SUPPORTS SHALL BE INDEPENDENT OF THE CEILING GRID SUPPORT SYSTEM.
- 3. LIGHT SWITCHES / OCCUPANCY SENSORS LOCATED IN A ROOM SHALL CONTROL ALL THE LIGHT FIXTURES IN THAT ROOM UNLESS NOTED OTHERWISE. CONTRACTOR SHALL GANG TOGETHER ALL SWITCHES/DIMMERS UNDER A SINGLE COVER PLATE IN ALL AREAS THAT REQUIRE MORE THAN ONE SWITCH TO CONTROL ELECTRICAL DEVICES. 4. IN INSTANCES WHERE A TRACK LIGHTING SYSTEM, DIMMING SYSTEM, AND/OR LIGHTING CONTROL SYSTEM IS SPECIFIED, THE CONTRACTOR SHALL COORDINATE ALL NECESSARY COMPONENTS OF SUCH SYSTEM(S) WITH THE

MANUFACTURER PRIOR TO BID AND INCLUDE ALL NECESSARY ACCESSORIES TO INSTALL A COMPLETE AND

FUNCTIONING SYSTEM.

H. MECHANICAL & PLUMBING COORDINATION 1. REFERENCE THE MECHANICAL AND PLUMBING DRAWINGS FOR ALL EQUIPMENT NEEDING ELECTRICAL CONNECTIONS. MAKE ALL CONNECTIONS AND PROVIDE APPROPRIATE WIRE, CONDUIT, AND OVERCURRENT PROTECTION FOR ALL EQUIPMENT.

- 2. VERIFY EXACT LOCATION OF ALL POWER CONNECTIONS AND CONTROL DEVICES WITH OTHER TRADES AND MANUFACTURERS SHOP DRAWINGS BEFORE CONSTRUCTION. COORDINATE ALL REQUIRED ENERGY MANAGEMENT SYSTEM POINTS AND CONTACT CONNECTIONS TO ENSURE THE COMPLETE AND PROPER OPERATION OF ALL
- ALL FUSED SWITCH AND/OR CIRCUIT BREAKERS SERVING EQUIPMENT SHALL HAVE PROVISIONS FOR HANDLE
- 4. ALL CIRCUIT BREAKERS SERVING MECHANICAL EQUIPMENT SHALL BEAR AN 'HACR' RATING. 5. ALL DISCONNECTS DOWN STREAM OF VFDs SHALL BE PROVIDED WITH AUXILIARY CONTACTS TO SHUT DOWN
- UPSTREAM VFD WHEN SWITCH IS OPENED. 6. COORDINATE BETWEEN TRADES AND PROVIDE CONTROL POWER FOR ALL VAV BOXES/DAMPERS/ETC, AS REQUIRED TO ENSURE A COMPLETE, FULLY FUNCTIONAL HVAC SYSTEM. SHOULD AN EXACT CIRCUIT NUMBER NOT BE INDICATED ON ELECTRICAL DRAWINGS. CONTRACTOR SHALL UTILIZE AVAILABLE 20A/1P SPACE FROM THE NEAREST 208V/120V PANEL OR FROM BUILDING CONTROL POWER DISTRIBUTION SYSTEM.

I. SPECIAL SYSTEMS (i.e. DATA/PHONE/SECUITY/CATV)

1. CONTRACTOR SHALL PROVIDE AND INSTALL AN EMPTY CONDUIT RACEWAY SYSTEM FOR SPECIAL SYSTEM. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN VENDOR SHOP DRAWINGS FROM THE VENDOR/INSTALL PRIOR TO ELECTRICAL ROUGH-IN. CONTRACTOR SHALL COORDINATE, PROVIDE AND INSTALL ALL REQUIRED RACEWAYS AND DEVICE BACK BOXES AS REQUIRED BY VENDOR SHOP DRAWINGS. CONTRACTOR TO PROVIDE A LINE ITEM ALLOWANCE IN BID AS NECESSARY TO COVER THIS SCOPE. REFER TO T SERIES AND AV SERIES DRAWINGS FOR ADDITIONAL REQUIREMENTS.

J. DEMO GENERAL NOTES

DOCUMENTS THAT THE CONTRACTOR SHALL PROVIDE AN ELECTRICAL INSTALLATION THAT IS COMPLETE WITH ALL 1. PROVIDE UPDATED, TYPE WRITTEN DIRECTORY OF ALL CORRECT CIRCUITS WITH LOAD DEFINITIONS FOR EACH PANEL BOARD. DIRECTORY SHALL BE LOCATED INSIDE PANEL DOOR. INFORMATION PROVIDED ON THESE DRAWINGS HAVE BEEN TAKEN FROM DESIGN DRAWING AND FIELD OBSERVATIONS CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO PRICING AND COMMENCEMENT

2. SYMBOLS FOR VARIOUS ELEMENTS AND SYSTEMS ARE SHOWN ON THE DRAWINGS. SHOULD THERE BE ANY DOUBT 3. WHERE EXISTING WALLS ARE DEMOLISHED, REMOVE ALL EXISTING ELECTRICAL DEVICES AND THEIR ASSOCIATED CONDUITS AND WIRING BACK TO THE POINT OF ORIGINATION. ENERGIZE ALL EXISTING DEVICES THAT WERE INTERRUPTED DURING DEMOLITION. WHERE ENTIRE CIRCUITS ARE REMOVED, TURN THE CIRCUIT BREAKER OFF

AND LABEL AS "SPARE". 4. PROVIDE FOR ANY AND ALL DEMOLITION WORK NECESSARY TO ACCOMMODATE ALL NEW CONSTRUCTION, INCLUDING ARCHITECTURAL, MECHANICAL, PLUMBING OR ELECTRICAL WORK.

5. IF DEMOLITION IS REQUIRED TO INSTALL AN ITEM, THE CONTRACTOR SHALL RESTORE THE AREA TO PREVIOUS CONDITION, OR REPLACE DAMAGED ITEMS WITH NEW ITEMS TO MATCH EXISTING. 6. DESIGNATION 'EX' REPRESENTS EXISTING DEVICE OR LIGHT FIXTURE TO REMAIN AS CIRCUITED AND SWITCHED UNLESS NOTED OTHERWISE. EXISTING LIGHT FIXTURES SHALL BE CLEANED AND REPAIRED AS REQUIRED.

7. A DEVICE WITH AN 'X' INDICATES EXISTING DEVICE TO BE REMOVED INCLUDING ALL ASSOCIATED CONDUIT AND 8. A DEVICE WITH AN 'R' INDICATES EXISTING DEVICE TO BE RELOCATED INCLUDING ALL ASSOCIATED CONDUIT AND

9. CONTRACTOR SHALL REMOVE ALL CONDUIT AND WIRING ASSOCIATED WITH DEVICES AND EQUIPMENT TO BE REMOVED AND/OR RELOCATED UNLESS NOTED OTHERWISE. PROVIDE AND INSTALL ALL NECESSARY DEVICES, EQUIPMENT AND ACCESSORIES REQUIRED TO MAINTAIN SERVICE TO ALL "EXISTING TO REMAIN" DEVICES AND EQUIPMENT THAT MAY BE INTERRUPTED DURING DEMOLITION.

10. WHERE EXISTING MECHANICAL/PLUMBING EQUIPMENT IS DEMOLISHED, REMOVE ALL RELATED ELECTRICAL FEEDS TO THE EQUIPMENT AND THEIR ASSOCIATED CONDUITS BACK TO THE POINT OF ORIGINATION. 11. REFER TO ARCHITECTURAL PLANS FOR AREAS WHERE CEILING IS DEMOLISHED. REMOVE ALL LIGHTING FIXTURES

12. ALL RECEPTACLES WITHIN THE PROJECT SCOPE SHALL BE HOSPITAL GRADE TYPE. IF A DEVICE IS INDICATED AS EXISTING TO REMAIN AND IS NOT A HOSPITAL GRADE RECEPTACLE, REPLACE THE EXISTING DEVICE WITH A HOSPITAL GRADE RECEPTACLE AND RECONNECT TO EXISTING CIRCUIT.

13. ALL LIGHTING FIXTURES DEMOLISHED UNDER THESE DRAWINGS SHALL BE RETURNED TO THE OWNER.

FIRE ALARM SYSTEM

AND ASSOCIATED CONDUIT AND WIRING FROM THESE LOCATIONS.

FIRE ALARM SYSTEMS IS A DELGATED DESIGN. THESE DRAWINGS ARE INTENDED TO SHOW GENERAL GUIDELINES FOR THE PLACEMENT OF FIRE ALARM DEVICES AS THEY RELATE TO OTHER (NON-FIRE ALARM) SYSTEMS AND FOR PERMITTING PURPOSES. THE FINAL FIRE ALARM PLANS TO BE SUBMITTED FOR AHJ APPROVAL SHALL BE PRODUCED AND SEALED BY A NICET LEVEL III CERTIFIED DESIGNER; REFER TO THE SPECIFICATIONS (PROJECT MANUAL) FOR FURTHER REQUIREMENTS. THE DESIGNER SHALL PROVIDE ALL DEVICES SHOWN ON THESE DRAWINGS AND ANY ADDITIONAL DEVICES OR COMPONENTS REQUIRED FOR A COMPLETE SYSTEM. IF OTHER DEVICES ARE ANTICIPATED TO BE REQUIRED FOR SYSTEM FUNCTIONALITY. COMPLIANCE WITH NATIONAL AND LOCAL CODES OR APPROVAL OF THE AHJ, THE CONTRACTOR SHALL QUALIFY THEIR BID AND SHALL PROVIDE AN ADD ALTERNATE PRICE MAKING NOTE OF THE SPECIFIC ANTICIPATED ADDITIONAL REQUIREMENTS.

BUILDING CODE: 2018 IBC FIRE CODE: 2018 IFC ELECTRICAL CODE: 2017 NFPA 70 (NEC) BUILDING CONSTRUCTION TYPE: TYPE 1A - FULLY SPRINKLERED OCCUPANCY: TYPE II

PROJECT DESIGN CRITERIA									
LOCATION:									
CITY/STATE	LEE'S SUMMIT, MO								
APPLICABLE CODES:									
BUILDING MECHANICAL PLUMBING FIRE ELECTRICAL	2018 INTERNATIONAL BUILDING CODE 2018 INTERNATIONAL MECHANICAL CODE 2018 INTERNATIONAL PLUMBING CODE 2018 INTERNATIONAL FIRE CODE 2017 NATIONAL ELECTRICAL CODE								
LATITUDE: 38.9108° DEGREES NORTH									
ELEVATION: FT. ABOVE SEA LEVEL	738 FT								

ELECTR	ICAL ABBREVIATIONS		
AFC	ABOVE FINISHED COUNTER	MDP	MAIN DISTRIBUTION PANEL
AFF	ABOVE FINISHED FLOOR	MH	MANHOLE
AHJ	AUTHORITY HAVING JURISDICTION	MLO	MAIN LUGS ONLY
ATS	AUTOMATIC TRANSFER SWITCH	MTD	MOUNT OR MOUNTED
BFC	BELOW FINISHED CEILING	MW	MICROWAVE
BOF	BOTTOM OF FIXTURE	N	NEW DEVICE
С	CONDUIT	NC (N.C.)	NORMALLY CLOSED
CB,C/B OR	CIRCUIT BREAKER	NEC	NATIONAL ELECTRIC CODE
CKT BKR		NF	NONFUSED
CKT	CIRCUIT	NIC	NOT IN CONTRACT
CCTV	CLOSED CIRCUIT T.V.	NL	NIGHT LIGHT
CLG	CEILING	NO (N.O.)	NORMALLY OPEN
CR	CRITICAL (EMERGENCY SYSTEM)	PB	PULL BOX
CUH	CABINET HEATER	PLGMLD	PLUGMOLD
EC	EMPTY CONDUIT	PNL	PANEL
ELEC	ELECTRIC	PWR	POWER
Е	EMERGENCY	R	RELOCATED DEVICE
EMS	ENERGY MANAGEMENT SYSTEM	RCPT(S) OR	RECEPTACLE(S)
EP	EXPLOSION PROOF	RECEPT	
EWC	ELECTRIC WATER COOLER	REF	REFRIGERATOR
EX	EXISTING	RF	RETURN AIR FAN
F.	FUSE	SEF	SMOKE EXHAUST FAN
FA FAR	FIRE ALARM	SF (2.2.)	SUPPLY AIR FAN
FACP, FAP		SO (S.O.)	SPACE ONLY
FCU	FAN COIL UNIT	SP	SPARE
FIXT	FIXTURE	ST (S.T.)	SHUNT TRIP
FLR	FLUORESCENT	SW	SWITCH
FLUOR	FLUORESCENT FAN TERMINAL UNIT	TEL TF	TELEPHONE TRANSFER FAN
FTU	FAIN LERIVIIVAL OINTI	TP	TAMPER PROOF
FUT	FUTURE	TV	TELEVISION
G, GND	GROUND (EQUIPMENT)	TVSS	TRANSIENT VOLTAGE SURGE
GEF	GENERAL EXHAUST FAN	1 700	SUPPRESSION
GEN	GENERATOR	UF	UDERFLOOR
GFCI, GFI	GROUND FAULT CIRCUIT INTERRUPTER		UNDERGROUND
HOA	HAND-OFF-AUTO	UH	UNIT HEATER
HP	HORSE POWER	UNO (U.N.O.)	UNLESS NOTED OR INDICATED
HV	HIGH VOLTAGE	- ()	OTHERWISE
HWAT	HEAT TRACE	V	VOLTAGE
IC	INTERRUPTING CAPACITY	VFD	VARIABLE FREQUENCY DRIVE
ICAND	INCANDESCENT	VP	VAPOR PROOF
IG	ISOLATED GROUND	VV	VARIABLE VOLUME UNIT
IGF	GROUND FAULT INDICATION ONLY	W	WIRE
JB	JUNCTION BOX	W/	WITH
KEF	KITCHEN EXHAUST FAN	WG	WIRE GUARD
LBL PRT	LABEL PRINTER	WP	WEATHER PROOF
LTG	LIGHTING	WT	WATER TIGHT
LTS	LIGHTS	XFMR	TRANSFORMER MOUNTING
LV	LOW VOLTAGE	+XX	HEIGHT IN INCHES. AFF UNO.
MATV	MASTER ANTENNA	UCR	UNCER CABINET REFRIGERATOR
MCB	MAIN CIRCUIT BREAKER		
MCC	MOTOR CONTROL CENTER		

	FIRE ALARM SYMBOLS LEGEND	
ALL SYMBO	DLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY	NOT BE TO SCALE.
SYMBOL	DESCRIPTION	MNTG. HT. UNO
F	FIRE ALARM PULL STATION WALL MOUNTED	48" AFF
⊠⊲ _X	FIRE ALARM AUDIBLE VISUAL SIGNAL WALL MOUNTED (X: H=HORN, S=SPEAKER)	80" AFF
$\square \triangleleft_{\chi}$	FIRE ALARM AUDIBLE SIGNAL WALL MOUNTED (X: H=HORN, S=SPEAKER)	80" AFF
¤	FIRE ALARM VISUAL SIGNAL WALL MOUNTED	80" AFF
⊠⊲ ^{CLG}	FIRE ALARM AUDIBLE VISUAL SIGNAL CEILING MOUNTED (X: H=HORN, S=SPEAKER)	
□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□□	FIRE ALARM AUDIBLE SIGNAL CEILING MOUNTED (X: H=HORN, S=SPEAKER)	
¤ ^{CLG}	FIRE ALARM VISUAL SIGNAL CEILING MOUNTED	
(FS)	FIRE ALARM SPRINKLER FLOW SWITCH	
TS	FIRE ALARM SPRINKLER TAMPER SWITCH	
PS	FIRE ALARM SPRINKLER PRESSURE SWITCH	
©	SMOKE DETECTOR WALL MOUNTED	9" BFC
②	SMOKE DETECTOR CEILING MOUNTED	
0 _P	PATIENT ROOM SMOKE DETECTOR	
© =⊐	DUCT SMOKE DETECTOR	
FSD -	FIRE AND SMOKE DAMPER	
Φ	HEAT DETECTOR WALL MOUNTED	9" BFC
(1)	HEAT DETECTOR CEILING MOUNTED	
맺	ELECTRO-MAGNETIC DOOR HOLDER	AS REQUIRED
M	ELECTRO-MAGNETIC SMOKE DOOR HOLDER (INTERFACED WITH FIRE ALARM SYSTEM. DC POWER PROVIDED BY FIRE ALARM WIRING	AS REQUIRED
分	FIRE ALARM BELL	108" AFF
MM	MONITOR MODULE	AS REQUIRED
FACP	FIRE ALARM CONTROL PANEL	AS REQUIRED
FAAP	FIRE ALARM ANNUNCIATOR PANEL	AS REQUIRED
FPAP	FIRE PUMP ANNUNCIATOR PANEL	AS REQUIRED
FCP	FIREFIGHTER'S CONTROL PANEL	AS REQUIRED
NAC	NOTIFICATION APPLIANCE CIRCUIT FOUR CIRCUIT FIRE ALARM INDICATING CIRCUIT POWER EXTENDER	AS REQUIRED
FP	TELEPHONE JACK FOR FIREMAN'S PHONE (BY FIRE ALARM CONTRACTOR)	48" AFF
FPH	WARDEN STATION TELEPHONE FOR FIREMAN'S PERMANENT HANDSET (BY FIRE ALARM CONTRACTOR)	48" AFF

	• · · · · · · · · · · · · · · · · · · ·	AGRAM & RISER LS LEGEND					
	AUTOMATIC / MANUAL TRANSFER SWITCH - PROGRAMMED OR DELAYED TRANSITION		AUTOMATIC / MANUAL TRANSFER SWITCH - BYPASS ISOLATION				
XX/XX/X	DISCONNECT AMPS / FUSE / POLES	AAAA BBBB	FEEDER TAG. REFER TO FEEDER SCHEDULE FOR NUMBER AND SIZE OF CONDUCTORS AND CONDUIT. A-ALUMINUM C-COPPER				
XX	MOTOR XX = HORSE POWER	<u></u>	GROUNDING ELECTRODE				
xxx	BRANCH PANEL XXX = PANEL NAME	T-XXX XXkVA	TRANSFORMER				
L = LONG TIMI S = SHORT TII	ME SETTING	AF AT	DRAW OUT CIRCUIT BREAKER AT = TRIP RATING AF = FRAME SIZE				
G = GROUND A = INDICATIO	NEOUS SETTING FAULT SETTING IN GROUN FAULT D FAULT ALARM ONLY)		711 TIV WIL SIZE				

GENERAL NOTATIONS AND MOUNTING HEIGHTS

NOTE 1: ALL MOUNTING HEIGHTS REFER TO CENTERLINE OF DEVICE, UNLESS OTHERWISE INDICATED.

A) 48" AFF INDICATES TO TOP OF DEVICE; B) 15" AFF INDICATES TO BOTTOM OF DEVICE;

C) 60" AFF INDICATES TO BOTTOM OF DEVICE; D) 80" AFF INDICATES TO BOTTOM OF DEVICE;

NOTE 2: CONFIRM ALL BACKBOX SIZE WITH VENDOR SHOP DRAWINGS PRIOR TO ELECTRICAL ROUGH-IN.

2 - LEGEND NOTES: DENOTES "SEE LEGEND NOTE NO. 2" $\overline{}$ - Equipment (id) number for food service equipment. Refer to food service documents $\overline{}$ FOR DEFINITION AND REQUIREMENTS.

- DENOTES: REFERENCE DETAIL 02 ON DRAWING (SHEET) E7.01

DENOTES: REFERENCE ENLARGED DETAIL PLAN 02 ON DRAWING (SHEET) E5.01

EQUIPMENT (ID) NUMBER FOR OWNER PROVIDED EQUIPMENT. REFER TO OWNER'S EQUIPMENT BOOK / FF&E DOCUMENTS FOR DEFINITION AND REQUIREMENTS.

SYMBOL	DLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY N DESCRIPTION	MNTG. HT. UNO
SYMBOL	SINGLE RECEPTACLE - 20A/125V/2P/3W/G NEMA 5-20R	MNTG. HT. UNO
∪ ⊕	DUPLEX RECEPTACLE - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF
•	DUPLEX RECEPTACLE - 20A/125V/2P/3W/G NEWA 5-20R DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT	18" AFF
₽	DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT DUPLEX RECEPTACLE GFCI - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF
	DUPLEX RECEPTACLE GFCI ABOVE COUNTERTOP - 20A/125V/2P/3W/G NEMA 5-20R	8" AFC OR
₽		42" AFF
	EMEREGENCY DUPLEX RECEPTACLE GFCI - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF
⊕ _H	DUPLEX RECEPTACLE MOUNTED HORIZONTALLY DUPLEX RECEPTACLE, GFCI, TAMPER RESISTANT, WEATHER RESISTANT, HOUSED IN A	18" AFF
⇔ _{WP}		18" AFF 8" AFC OR
•	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP	42" AFF 8" AFC OR
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP ON EMERGENCY CIRCUIT QUADRAPLEX RECEPTACLE	42" AFF
 	(TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE)	18" AFF
+	QUADRAPLEX RECEPTACLE ON EMERGENCY CIRCUIT (TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE)	18" AFF
 	QUADRAPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP (TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE)	8" AFC OR 42" AFF
 	QUADRAPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP ON EMERGENCY CIRCUIT (TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE)	8" AFC OR 42" AFF
9	EMERGENCY SPECIAL PURPOSE RECEPTACLE (NEMA NO. AS INDICATED)	18" AFF
⊗	SPECIAL PURPOSE RECEPTACLE (NEMA NO. AS INDICATED)	18" AFF
•	FLOOR MOUNTED RECEPTACLE IN FLOOR BOX OR POKE-THRU DEVICE - FLUSH MOUNTED, UNO	FLUSH W/ FLR SURFACE
ф-	CEILING MOUNTED RECEPTACLE - CONFIGURATION UNO	FLUSH W/ CLG SURFACE
ОЮ	JUNCTION BOX - SIZE & MOUNTING AS REQUIRED	AS REQUIRED
	POWER POLE	
	PLUGMOLD	AS REQUIRED
\ \ \ \ \ \ \ \ \ \ \ \ \ \	DISCONNECT SWITCH (X=FRAME SIZE, Y=FUSE SIZE, Z=NUMBER OF POLES)	AS REQUIRED
└ ☐ X/-/Z	DISCONNECT SWITCH NON-FUSED (X=FRAME SIZE, Z=NUMBER OF POLES)	AS REQUIRED
свЧ□х/z	ENCLOSED CIRCUIT BREAKER (X=TRIP RATING, Z=NUMBER OF POLES)	AS REQUIRED
⊠#	MOTOR STARTER FVNR UNO (#=NEMA SIZE)	AS REQUIRED
свЧ⊠	COMBINATION MOTOR CONTROLLER / DISCONNECT SWITCH	AS REQUIRED
\$ _M	MANUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD AND PILOT LIGHT	AS REQUIRED
<u> </u>	EMERGENCY POWER OFF BUTTON - WALL MOUNTED	AS REQUIRED
	CIRCUIT CONDUCTOR INDICATION (EQUIPMENT GROUND, NEUTRAL, PHASE)	
	CIRCUIT HOMERUN TO PANELBOARD (2#12, 1#12G, 3/4"C. 20A/1P CB UNO)	
	CONDUIT INSTALLED IN CEILING SPACE OF FLOOR BELOW.	
X,X,X	THREE SINGLE POLE DEVICE CIRCUIT NUMBERS. REFER TO PANEL SCHEDULES FOR	
X,X,X	ADDITIONAL INFORMATION. MULTI-POLE DEVICE CIRCUIT NUMBERS. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION.	
	208Y/120V PANELBOARD	
	480Y/277V PANELBOARD	
	208Y/120V DISTRIBUTION PANELBOARD	
	480Y/277V DISTRIBUTION PANELBOARD	
	ISOLATION PANEL	
	SWITCHBOARD	
Т	STEP-DOWN TRANSFORMER	
	AUTOMATIC TRANSFER SWITCH	
*	BY-PASS / ISOLATION AUTOMATIC TRANSFER SWITCH	
11	GROUND BAR	
PG	PATIENT GROUND BAR	
BAS	BUILDING AUTOMATION SYSTEM	AS REQUIRED

POWER SYMBOLS LEGEND				LIGHTING SYMPOLS LEGEND	
SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY N	OT BE TO SCALE.	ALL SY	YMBOLS	LIGHTING SYMBOLS LEGEND SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY N	OT BE TO SCALI
DESCRIPTION	MNTG. HT. UNO		MBOL	DESCRIPTION	MNTG. HT. UNG
NGLE RECEPTACLE - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF			2'x4' LIGHT FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
PLEX RECEPTACLE - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF			2'x4' LIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
PLEX RECEPTACLE ON EMERGENCY CIRCUIT	18" AFF			2'x4' LIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
PLEX RECEPTACLE GFCI - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF			2'x4' LIGHT FIXTURE WITH BI-LEVEL SWITCHING. PROVIDE DUAL BALLAST/DRIVERS. BOTH	SEE FIXTURE
PLEX RECEPTACLE GFCI ABOVE COUNTERTOP - 20A/125V/2P/3W/G NEMA 5-20R	8" AFC OR 42" AFF			BALLAST/DRIVERS ON NORMAL CIRCUIT. 2'x4' LIGHT FIXTURE WITH BI-LEVEL SWITCHING. PROVIDE DUAL BALLAST/DRIVERS. ONE	SEE FIXTURE
EREGENCY DUPLEX RECEPTACLE GFCI - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF			BALLAST/DRIVER ON NORMAL CIRCUIT AND ONE BALLAST/DRIVER ON LIFE SAFETY CIRCUIT 2'x4' LIGHT FIXTURE WITH BI-LEVEL SWITCHING. PROVIDE DUAL BALLAST/DRIVERS. ONE	SCHEDULE SEE FIXTURE
PLEX RECEPTACLE MOUNTED HORIZONTALLY	18" AFF			BALLAST/DRIVER ON NORMAL CIRCUIT AND ONE BALLAST/DRIVER ON CRITICAL CIRCUIT 2'x2' LIGHT FIXTURE ON NORMAL CIRCUIT.	SCHEDULE SEE FIXTURE
PLEX RECEPTACLE, GFCI, TAMPER RESISTANT, WEATHER RESISTANT, HOUSED IN A EATHERPROOF-WHILE-IN-USE" ENCLOSURE - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF			2'x2' LIGHT FIXTURE ON NORWAL CIRCUIT. 2'x2' LIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SCHEDULE SEE FIXTURE
PLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP	8" AFC OR				SCHEDULE SEE FIXTURE
PLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP ON EMERGENCY CIRCUIT	42" AFF 8" AFC OR			2'x2' LIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM. 2'x2' LIGHT FIXTURE WITH BI-LEVEL SWITCHING. PROVIDE DUAL BALLAST/DRIVERS. BOTH	SCHEDULE SEE FIXTURE
ADRAPLEX RECEPTACLE	42" AFF 18" AFF	I		BALLAST/DRIVERS ON NORMAL CIRCUIT. 2'x2' LIGHT FIXTURE WITH BI-LEVEL SWITCHING. PROVIDE DUAL BALLAST/DRIVERS. ONE	SCHEDULE SEE FIXTURE
VO DUPLEX RECEPTACLES UNDER ONE COVERPLATE) ADRAPLEX RECEPTACLE ON EMERGENCY CIRCUIT	18" AFF			BALLAST/DRIVER ON NORMAL CIRCUIT AND ONE BALLAST/DRIVER ON LIFE SAFETY CIRCUIT	SCHEDULE
VO DUPLEX RECEPTACLES UNDER ONE COVERPLATE) ADRAPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP	8" AFC OR			2'x2' LIGHT FIXTURE WITH BI-LEVEL SWITCHING. PROVIDE DUAL BALLAST/DRIVERS. ONE BALLAST/DRIVER ON NORMAL CIRCUIT AND ONE BALLAST/DRIVER ON CRITICAL CIRCUIT	SEE FIXTURE SCHEDULE
VO DUPLEX RECEPTACLES UNDER ONE COVERPLATE) ADRAPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP ON EMERGENCY CIRCUIT	42" AFF 8" AFC OR			WALL MOUNTED LINEAR FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
VO DUPLEX RECEPTACLES UNDER ONE COVERPLATE)	42" AFF		<u>////</u>	WALL MOUNTED LINEAR FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
ERGENCY SPECIAL PURPOSE RECEPTACLE (NEMA NO. AS INDICATED)	18" AFF		<u> </u>	WALL MOUNTED LINEAR FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
ECIAL PURPOSE RECEPTACLE (NEMA NO. AS INDICATED)	18" AFF			RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON NORMAL CIRCUIT.	SEE NOTE 2
DOR MOUNTED RECEPTACLE IN FLOOR BOX OR POKE-THRU DEVICE - FLUSH MOUNTED, UNO	FLUSH W/ FLR SURFACE	7777		RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE NOTE 2
ILING MOUNTED RECEPTACLE - CONFIGURATION UNO	FLUSH W/ CLG SURFACE		××××	RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE NOTE 2
NCTION BOX - SIZE & MOUNTING AS REQUIRED	AS REQUIRED	0		RECESSED/SURFACE DOWNLIGHT FIXTURE ON NORMAL CIRCUIT.	SEE NOTE 2
WER POLE				RECESSED/SURFACE DOWNLIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE NOTE 2
JGMOLD	AS REQUIRED		\boxtimes	RECESSED/SURFACE DOWNLIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL	SEE NOTE 2
CONNECT SWITCH (X=FRAME SIZE, Y=FUSE SIZE, Z=NUMBER OF POLES)	AS REQUIRED			STANDBY SYSTEM. WALL MOUNTED FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE
CONNECT SWITCH NON-FUSED (X=FRAME SIZE, Z=NUMBER OF POLES)	AS REQUIRED		<u> </u>	WALL MOUNTED FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY	SCHEDULE SEE FIXTURE
CLOSED CIRCUIT BREAKER (X=TRIP RATING, Z=NUMBER OF POLES)	AS REQUIRED			SYSTEM. WALL MOUNTED FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SCHEDULE SEE FIXTURE
TOR STARTER FVNR UNO (#=NEMA SIZE)	AS REQUIRED		<u>₽</u>		SCHEDULE SEE NOTE 2
MBINATION MOTOR CONTROLLER / DISCONNECT SWITCH	AS REQUIRED		①> ②>	RECESSED DOWNLIGHT FIXTURE WITH WALL WASH ON NORMAL CIRCUIT. RECESSED DOWNLIGHT FIXTURE WITH WALL WASH ON LIFE SAFETY CIRCUIT OR LEGALLY	
NUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD AND PILOT LIGHT	AS REQUIRED		3)>	REQUIRED STANDBY SYSTEM. RECESSED DOWNLIGHT FIXTURE WITH WALL WASH ON CRITICAL CIRCUIT OR NON-	SEE NOTE 2
ERGENCY POWER OFF BUTTON - WALL MOUNTED	AS REQUIRED		(1)	ESSENTIAL STANDBY SYSTEM.	SEE NOTE 2
CUIT CONDUCTOR INDICATION (EQUIPMENT GROUND, NEUTRAL, PHASE)				HANGING RECTANGULAR PENDANT FIXTURE ON NORMAL CIRCUIT.	SEE NOTE 3
				HANGING RECTANGULAR PENDANT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE NOTE 3
RCUIT HOMERUN TO PANELBOARD (2#12, 1#12G, 3/4"C. 20A/1P CB UNO)				HANGING RECTANGULAR PENDANT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE NOTE 3
NDUIT INSTALLED IN CEILING SPACE OF FLOOR BELOW. REE SINGLE POLE DEVICE CIRCUIT NUMBERS. REFER TO PANEL SCHEDULES FOR				HANGING CIRCULAR PENDANT FIXTURE ON NORMAL CIRCUIT.	SEE NOTE 3
DITIONAL INFORMATION. LTI-POLE DEVICE CIRCUIT NUMBERS, REFER TO PANEL SCHEDULES FOR				HANGING CIRCULAR PENDANT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE NOTE 3
DITIONAL INFORMATION.				HANGING CIRCULAR PENDANT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE NOTE 3
SY/120V PANELBOARD		4	4	EMERGENCY LIGHTING UNIT. WALL MOUNTED BATTERY-POWERED LIGHTING. CONNECT TO NORMAL CIRCUIT IN AREA SERVED	SEE FIXTURE SCHEDULE
Y/277V PANELBOARD		⊗ ₫	≅	CEILING MOUNTED EXIT SIGN. SHADING INDICATES DOUBLE OR SINGLE FACE. ARROW INDICATES CHEVRON DIRECTIONS.	SEE FIXTURE SCHEDULE
SY/120V DISTRIBUTION PANELBOARD			⊗ t ⊗ t	END MOUNTED EXIT SIGN. SHADING INDICATES DOUBLE OR SINGLE FACE. ARROW INDICATES CHEVRON DIRECTIONS.	SEE FIXTURE SCHEDULE
Y/277V DISTRIBUTION PANELBOARD				WALL MOUNTED EXIT SIGN. SHADING INDICATES DOUBLE OR SINGLE FACE. ARROW INDICATES CHEVRON DIRECTIONS.	SEE FIXTURE SCHEDULE
DLATION PANEL			-	WALL PACK LIGHT FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE
/ITCHBOARD			<u>+</u>	WALL PACK LIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY	SEE FIXTURE
			X	SYSTEM. WALL PACK LIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SCHEDULE SEE FIXTURE
EP-DOWN TRANSFORMER					SCHEDULE SEE FIXTURE
TOMATIO TRANSFER CHUTCH			~	BOLLARD LIGHT FIXTURE ON NORMAL CIRCUIT. BOLLARD LIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY	SCHEDULE SEE FIXTURE
TOMATIC TRANSFER SWITCH			Ø+	SYSTEM.	SCHEDULE SEE FIXTURE
-PASS / ISOLATION AUTOMATIC TRANSFER SWITCH			Ø-	BOLLARD LIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SCHEDULE
OLIND BAD		<u>о</u>	 	EXTERIOR LIGHT POLE FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
OUND BAR		0-	 Ø	EXTERIOR LIGHT POLE FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
TIENT GROUND BAR		0-	₩	EXTERIOR LIGHT POLE FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
ILDING AUTOMATION SYSTEM	AS REQUIRED		?	SPOT/FLOOD LIGHT FIXTURE.	SEE FIXTURE SCHEDULE
		LIGHT	LING NOT	FS [.]	

REFER TO LIGHT FIXTURE SCHEDULE FOR SPECIFIC FIXTURE INFORMATION.

REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR MOUNTING HEIGHTS. IT IS THE INTENT, UNLESS NOTED OTHERWISE, THAT SURFACE AND RECESSED FIXTURES ARE TO BE MOUNTED AT ARCHITECTS CEILING PLANE.

REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS FOR MOUNTING HEIGHTS OF PENDANT FIXTURES. REFER TO LIGHTING FIXTURE SCHEDULE FOR PENDANT MATERIAL.

	LIGHTING CONTROLS SYMBOLS LEGEND							
LL SYMBOLS	SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY I	NOT BE TO SCAL						
SYMBOL	DESCRIPTION							
#	# IN DIAMOND REFERS TO HIGHTING CONTROLS REQUIREMENTS AND SEQUENCE OF OPERATIONS SCHEDULE REFER TO SHEET E08-01.							
\$	WALL SWITCH SPST, 20A, 120/277V	48" AFF						
\$3	3-WAY WALL SWITCH, 20A, 120/277V	48" AFF						
\$ _D	WALL DIMMER SWITCH, 20A, 120/277V	48" AFF						
\$ _{3D}	3-WAY WALL DIMMER SWITCH, 20A, 120/277V	48" AFF						
\$ ₀	OCCUPANCY SENSOR WALL SWITCH, 20A, 120/277V, AUTO 'ON' TO 100%, AUTO 'OFF'	48" AFF						
\$ _{OSBI,D}	BI-LEVEL OCCUPANCY SENSOR DIMMING WALL SWITCH, 20A, 120/277V, AUTO 'ON' TO 50%, MANUAL 'ON' TO 100%, AUTO 'OFF', WITH RAISE/LOWER	48" AFF						
1	1 ZONE, LOW VOLTAGE SWITCH, ON/OFF	48" AFF						
<u>1D</u>	1 ZONE, LOW VOLTAGE DIMMING SWITCH, ON/OFF WITH RAISE/LOWER BUTTONS	48" AFF						
2	2 ZONE, LOW VOLTAGE SWITCH, SEPARATE ON/OFF BUTTONS FOR EACH ZONE	48" AFF						
<u>2D</u>	2 ZONE, LOW VOLTAGE DIMMING SWITCH, ON/OFF WITH RAISE/LOWER BUTTONS, SEPARATE BUTTONS PROVIDED FOR EACH ZONE	48" AFF						

REFER TO ARCHITECTURAL DRAWINGS FOR TYPICAL MOUNTING HEIGHTS. WHERE MOUNTING HEIGHT IS NOT

INDICATED BY ARCHITECT, PROVIDE AT 48" AFF. ANY SINGLE LOW VOLTAGE WALL STATION CONTROLLING BOTH A NORMAL LIGHTING CIRCUIT AND EMERGENCY LIGHTING CIRCUIT SHALL BE PROVIDED WITH DIFFERENT COLOR BUTTONS (NORMAL - WHITE, EMERGENCY -RED). REFER TO SPECIFICATIONS FOR MORE INFORMATION.



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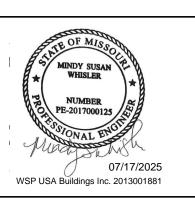
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HCA - LEE'S SUMMIT MEDICAL 2100 SE BLUE PKWY LEE'S SUMMIT, MO 64063

് AUTHORITY HAVING JURISDICTION: CITY OF LEE'S SUMMIT BUILDING DEPT **♀** | MISSOURI DHSS

FACILITY NUMBER: 0972400009

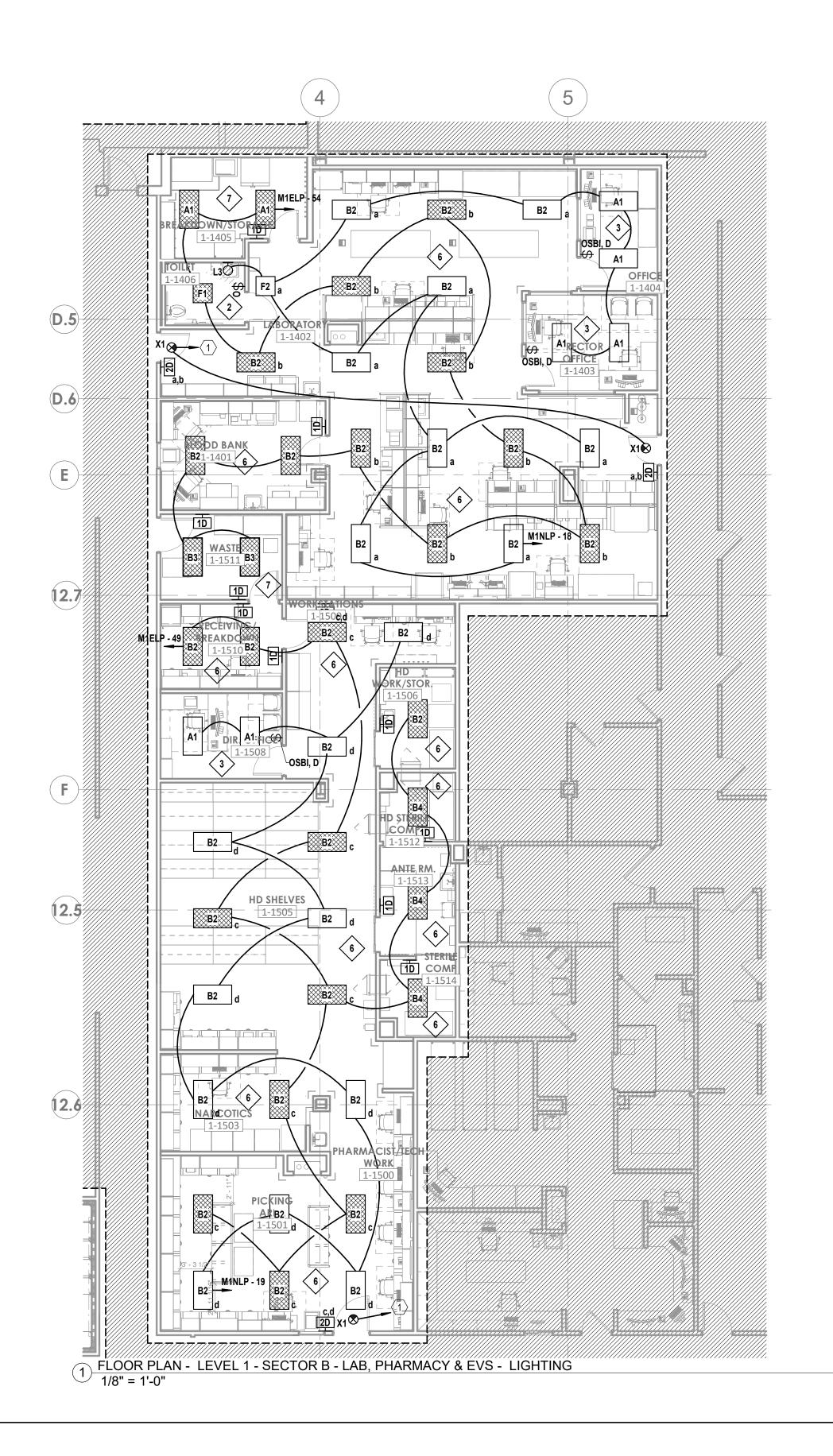
AGENCY APPROVALS:

REVISIONS DESCRIPTION DATE ASI-001 - DESIGN COORDINATION 2025/07/17

DATE: SCALE: As indicated 커 DRAWN: REVIEWED: S JOB NUMBER:

GENERAL INFORMATION -ELECTRICAL

E00-00



GENERAL NOTES

- A. REFER TO AND COORDINATE WITH ARCHITECTURAL PLANS, ELEVATIONS, EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING HEIGHT OF
- ALL WIRING DEVICES

 B. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES.
- ADDITIONAL GENERAL NOTES.

 C. REFER TO SHEET E08-01 FOR LIGHT SCHEDULES

 D. CONTRACTORS SHALL USE FMC TRANSITIONS FROM EMT AT BUILDING EXPANSION JOINTS WHEN APPLICABLE. FMC ROUTING SHALL BE PROVIDED TO ALLOW LATERAL AND VERTICAL ADJUSTMENTS IN LINE WITH COORDINATE EXACT LOCATIONS OF EXPANSION JOINTS WITH ARCHITECTURAL DRAWINGS

LEGEND NOTES

1. CIRCUIT ON NEARBY 120V EXISTING CORRIDOR LIFE SAFETY CIRCUIT.



Devenney Group Ltd., Architects

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www.devenneygroup.com

ultant:



IF THESE PLANS DO NOT BEAR THE SEAL OF A REGISTRANT, THEY ARE TO BE CONSIDERED "PRELIMINARY" AND ARE NOT TO BE USED FOR CONSTRUCTION OR RECORDING. THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT PROTECTION AS AN "ARCHITECTURAL WORK" UNDER SEC. 102 OF THE COPYRIGHT ACT, 17 U.S.O. AS AMENDED DECEMBER 1990 AND KNOWN AS ARCHITECTURAL WORKS COPYRIGHT PROTECTION ACT OF 1990. THE PROTECTION INCLUDES BUT IS NOT LIMITED TO THE OVERALL FORM AS WELL AS THE ARRANGEMENT AND COMPOSITION OF SPACES AND ELEMENTS OF THE DESIGN. UNDER SUCH PROTECTION, UNAUTHORIZED USE OF THESE PLANS CAN LEGALLY RESULT IN THE CESSATION OF CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY COMPENSATION TO DEVENNEY GROUP LTD.

LAB &
PHARMACY
RENOVATION

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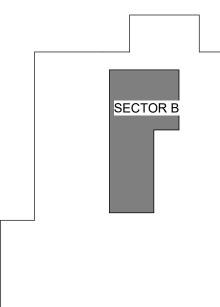
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DESCRIPTION DATE

ASI-001 - DESIGN COORDINATION 2025/07/17

LEVEL 1 - KEYPLAN



DATE: 05/23/2025
SCALE: 1/8" = 1'-0"
DRAWN: WSP
REVIEWED: WSP
JOB NUMBER: 6406.24

FLOOR PLAN - LEVEL 1 SECTOR B - LAB, PHARMACY
& EVS - LIGHTING

E03-01

GENERAL NOTES

- A. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES
- B. REFER TO SHEET E08 SERIES FOR FEEDER AND PANELBOARD SCHEDULES.
 C. REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS,
- EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL WIRING DEVICES

 D. COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT, INCLUDING BUT NOT
- LIMITED TO: SMOKE DAMPERS, FIRE/SMOKE DAMPERS, VAV BOXES, FCU'S, ETC. WITH MECHANICAL DRAWINGS AND DIVISION 23 CONTRACTOR

 E. COORDINATE LOCATIONS OF ALL DISCONNECTS, CONTROL PANELS, AND ELECTRICAL CONNECTIONS FOR MECHANICAL AND PLUMBING EQUIPMENT TO MAINTAIN NEC REQUIRED CLEARANCES.

LEGEND NOTES

- PROVIDE 120V POWER CONNECTION TO VAV'S IN THIS AREA TO EMERGENCY EQUIPMENT CIRCUIT INDICATED. PROVIDE 20A 1P SWITCH AT CONTROL TRANSFORMER(S). REFER TO MECHANICAL DRAWINGS FOR BOX LOCATIONS. MAXIMUM OF 15 TERMINAL UNITS PER CIRCUIT. QUANTITY OF VAV'S SHALL BE BALANCED BETWEEN THE CIRCUITS INDICATED IN THE SAME SMOKE ZONE. TERMINAL UNITS IN DIFFERENT SMOKE ZONES SHALL NOT BE ON THE SAME CIRCUIT.
- DEVICE(S) TO BE LOCATED IN TV BACK-BOX; REFER TO TECHNOLOGY DRAWINGS FOR SPECIFICATION AND DETAILS. COORDINATE EXACT LOCATION WITH MONITOR/ TV MOUNTING BRACKET. REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR BRACKET MOUNTING HEIGHT AND EXACT LOCATIONS PRIOR TO ROUGH-IN.
- DEVICES LOCATED WITHIN BOUNDARY ARE TO BE INSTALLED IN HERMAN MILLER CHASE RAIL SYSTEM. COORDINATE ALL REQUIREMENTS PRIOR TO ROUGH-IN.



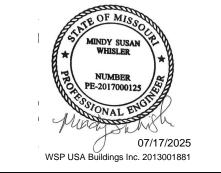
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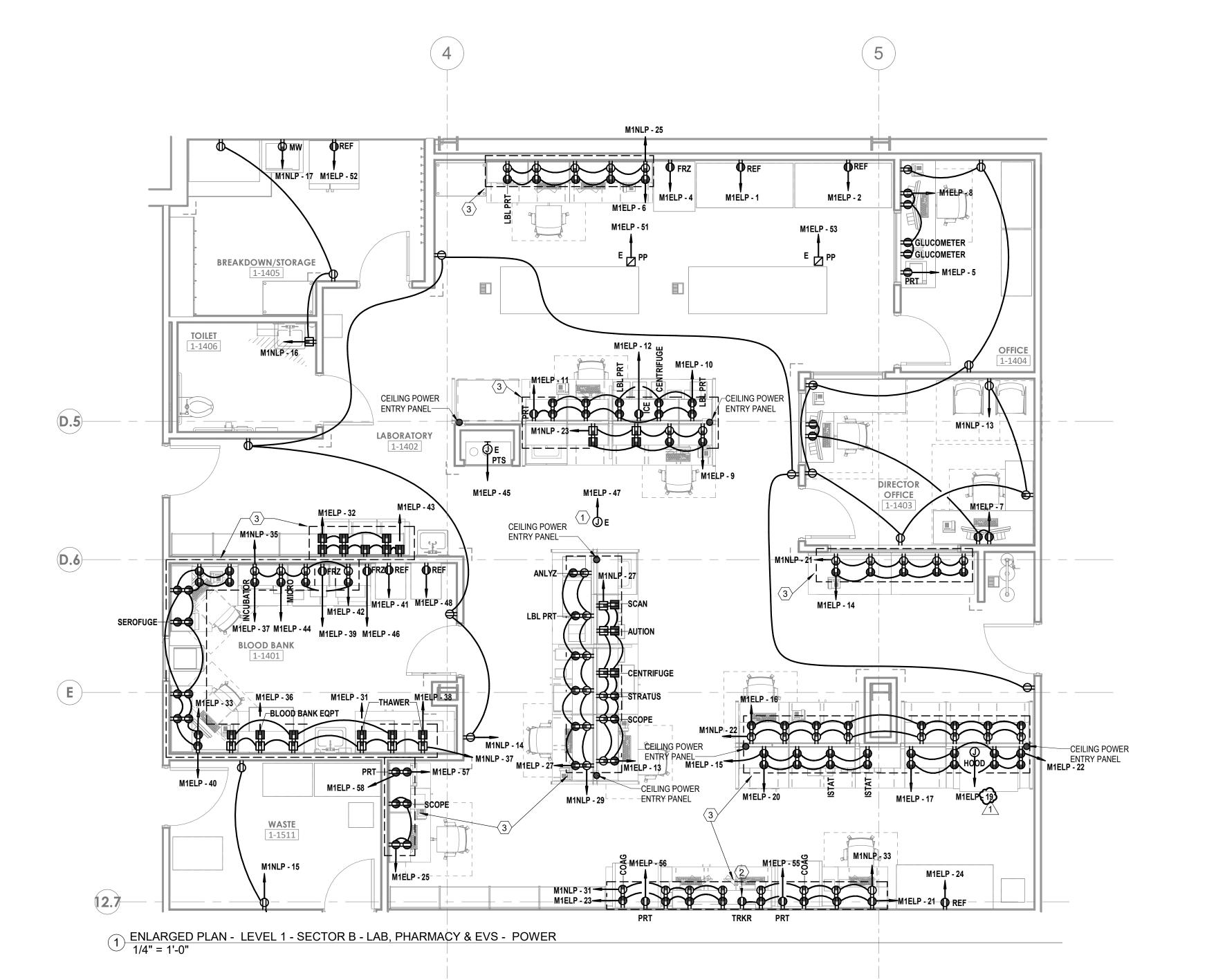
DRAWN: WSP

REVIEWED: WSP

JOB NUMBER: 6406.24

ENLARGED PLANS -

E05-01



	COPPER FEEDER SCHEDULE 600V MAX.							
FEEDER TAG &	&							
AMPERE RATING 15.3, 20.3	#12, 1#12 G, 3/4" C							
15.4, 20.4 25.3, 30.3	3#12, 1#12 N, 1#12 G, 3/4" C 3#10, 1#10 G, 3/4" C							
25.4, 30.4 35.3, 40.3	3#10, 1#10 N, 1#10 G, 3/4" C 3#8, 1#10 G, 3/4" C							
35.4, 40.4	3#8, 1#8 N, 1#10 G, 3/4" C							
45.3, 50.3	3#6, 1#10 G, 3/4" C							
45.4, 50.4	3#6, 1#6 N, 1#10 G, 1" C							
60.3	3#4, 1#10 G, 1" C							
60.4	3#4, 1#4 N, 1#10 G, 1 1/4" C							
70.3	3#4, 1#8 G, 1" C							
70.4	3#4, 1#4 N, 1#8 G, 1-1/4" C							
80.3	3#3, 1#8 G, 1-1/4" C							
80.4	3#3, 1#3 N, 1#8 G, 1-1/4" C							
90.3	3#2, 1#8 G, 1-1/4" C							
90.4	3#2, 1#2 N, 1#8 G, 1-1/4" C							
100.3	3#1, 1#8 G, 1-1/4" C							
100.4	3#1, 1#1 N, 1#8 G, 1-1/2" C							
110.3	3#1, 1#6 G, 1-1/4" C							
110.4	3#1, 1#1 N, 1#6 G, 1-1/2" C							
125.3, 150.3	3#1/0, 1#6 G, 1-1/2" C							
125.4, 150.4	3#1/0, 1#1/0 N, 1#6 G, 2" C							
175.3	3#2/0, 1#6 G, 2" C							
175.4	3#2/0, 1#2/0 N, 1#6 G, 2" C							
200.3	3#3/0, 1#6 G, 2" C							
200.4	3#3/0, 1#3/0 N, 1#6 G, 2" C							
225.3	3#4/0, 1#4 G, 2" C							
225.4	3#4/0, 1#4/0 N, 1#4 G, 2-1/2" C							
250.3	3#250KCM, 1#4 G, 2-1/2" C							
250.4	3#250KCM, 1-250KCM N, 1#4 G, 2-1/2" C							
300.3	3#350KCM, 1#4 G, 2-1/2" C							
300.4	3#350KCM, 1-350KCM N, 1#4 G, 3" C							
350.3	3#500KCM, 1#3 G, 3" C							
350.4	3#500KCM, 1-500KCM N, 1#3 G, 3-1/2" C							
400.3	2 SETS EACH OF [3#3/0, 1#3 G, 2" C]							
400.4	2 SETS EACH OF [3#3/0, 1#3/0 N, 1#3 G, 2-1/2" C]							
450.3	2 SETS EACH OF [3#4/0, 1#2 G, 2" C]							
450.4	2 SETS EACH OF [3#4/0, 1#4/0 N, 1#2 G, 2-1/2" C]							
500.3	2 SETS EACH OF [3#250KCM, 1#2 G, 2-1/2" C]							
500.4	2 SETS EACH OF [3#250KCM, 1#250KCM N, 1#2 G, 2-1/2" C]							
600.3	2 SETS EACH OF [3#350KCM, 1#1 G, 2-1/2" C]							
600.4	2 SETS EACH OF [3#350KCM, 1#350KCM N, 1#1 G, 3" C]							
700.3	2 SETS EACH OF [3#500KCM, 1#1/0 G, 3" C]							
700.4	2 SETS EACH OF [3#500KCM, 1#500KCM N, 1#1/0 G, 3-1/2" C]							
800.3	3 SETS EACH OF [3#300KCM, 1#1/0 G, 3" C]							
800.4	3 SETS EACH OF [3#300KCM, 1#300KCM N, 1#1/0 G, 3" C]							
900.3	3 SETS EACH OF [3#350KCM, 1#2/0 G, 3" C]							
900.4	3 SETS EACH OF [3#350KCM, 1#350KCM N, 1#2/0 G, 3" C]							
1000.3	3 SETS EACH OF [3#400KCM, 1#2/0 G, 3" C]							
1000.4	3 SETS EACH OF [3#400KCM, 1#400KCM N, 1#2/0 G, 3" C]							
1200.3	4 SETS EACH OF [3#350KCM, 1#3/0 G, 3" C]							
1200.4	4 SETS EACH OF [3#350KCM, 1#350KCM N, 1#3/0 G, 3" C]							
1400.3	4 SETS EACH OF [3#500KCM, 1#4/0 G, 3" C]							
1400.4	4 SETS EACH OF [3#500KCM, 1#500KCM N, 1#4/0 G, 3-1/2" C]							
1600.3	5 SETS EACH OF [3#400KCM, 1#4/0 G, 3" C]							
1600.4	5 SETS EACH OF [3#400KCM, 1#4/0 G, 3" C]							
2000.3	6 SETS EACH OF [3#400KCM, 1#450KCM G, 3" C] 6 SETS EACH OF [3#400KCM, 1#250KCM G, 3" C] 6 SETS EACH OF [3#400KCM, 1#400KCM N, 1#250KCM G, 3" C]							
2500.3	7 SETS EACH OF [3#400KCM, 1#350KCM G, 3-1/2" C]							
2500.4	7 SETS EACH OF [3#500KCM, 1#350KCM G, 3-1/2" C]							
3000.3	8 SETS EACH OF [3#500KCM, 1#400KCM G, 3" C]							
3000.4	8 SETS EACH OF [3#500KCM, 1#500KCM N, 1#400KCM G, 3-1/2" C]							

11 SETS EACH OF [3#500KCM, 1#500KCM G, 3-1/2" C]

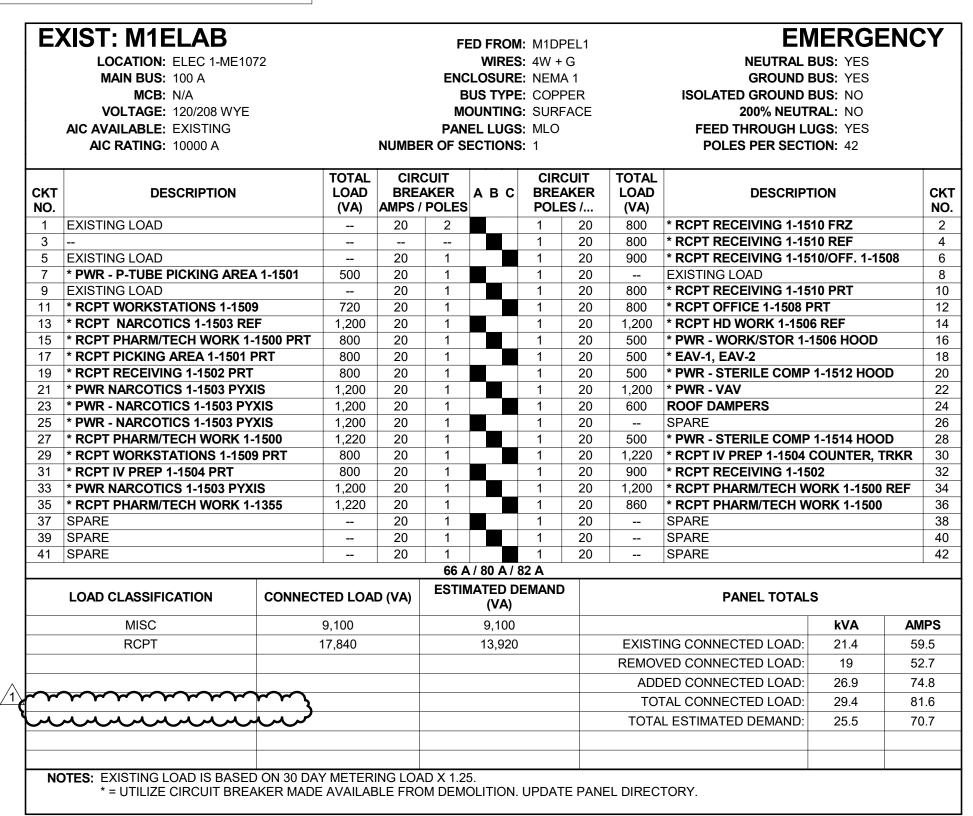
11 SETS EACH OF [3#500KCM, 1#500KCM N, 1#500KCM G, 3-1/2" C]

4000.4

					ELECTR	ICAL LU	MINAIRE FIXT	URE SC	HEDUL	E							
			PHYSIC	CAL DESCRIPTION							E	ELECTRICAL SPECIFIC	CATIONS				MANUFACTURER INFORMATION
TYPE	DESCRIPTION	LOCATION	HOUSING	REFLECTOR	SHIELDING	FINISH	MOUNTING	COLOR TEMP.	LAMP	LUMEN:	S HOURS	S VA	UNITS	BALLAST / DRIVER	VOLTAGE	MANUFACTURER	CATALOG NUMBER
\1	2' x 4' LED VOLUMETRIC TROFFER	PUBLIC AND CORRIDOR	ONE PIECE STEEL	ACRYLIC LINEAR PRISMATIC DIFFUSER	N/A	MATTE WHITE POWDERCOAT	RECESSED GYPSUM BOARD OR LAY IN CEILING	4000 K	LED	4000 lm	60000	32	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120 V	LITHONIA	#2VTL4 40L ADP EZ1 LP840
2	2' x 4' LED ACRYLIC LENSED PREMIUM TROFFER	PREP/REC, IV/TH	22 GA. STEEL HOUSING	#12 TRANSMISSIVE 0.125" LENS	HINGED AND LATCHED FROM EITHER SIDE, ENCLOSED SPRING LOADED CAM LATCH, WHITE REGRESSED ALUMINUM DOOR WITH MITERED CORNERS	PAINTED AFTER FABRICATION	RECESSED GYPSUM BOARD OR LAY IN CEILING	4000 K	LED	10000 lm	72000	83	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120 V	LITHONIA	#2GTL 4 100L RW EZ1 LP840 PAF
3	2' x 4' LED ACRYLIC LENSED PREMIUM TROFFER	STAFF WORKING	22 GA. STEEL HOUSING	#12 TRANSMISSIVE 0.125" LENS	HINGED AND LATCHED FROM EITHER SIDE, ENCLOSED SPRING LOADED CAM LATCH, WHITE REGRESSED ALUMINUM DOOR WITH MITERED CORNERS	PAINTED AFTER FABRICATION	RECESSED GYPSUM BOARD OR LAY IN CEILING	4000 K	LED	4800 lm	72000	83	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120 V	LITHONIA	#2GTL 4 48L RW EZ1 LP840 PAF
4	2' x 4' LED LENSED TROFFER, CLEANROOM ISO5-9, WET LOCATION LISTED, IP66	CLEANROOM	20 GA COLD ROLLED STEEL, OVERLAPPING ALUMINUM WHITE DOOR FRAME	DIFFUSE ACRYLIC LENS		ATIMICROBIAL WHITE, PAINTED AFTER FABRICATION	RECESSED CEILING, VERIFY CEILING TYPE PRIOR TO ORDERING	4000 K	LED	17563 lm	60000	149	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120 V	LITHONIA	#2SRTL * L48 18000LM OAW AFL MVOLT EZ1 40K 80CRI DWAM #2SRTL * L48 18000LM OAW AFL MVOLT EZ1 40K 80CRI DWAM
1	2' x 2' LED ACRYLIC LENSED PREMIUM TROFFER	RESTROOM	22 GA. STEEL HOUSING	#12 TRANSMISSIVE 0.125" LENS	HINGED AND LATCHED FROM EITHER SIDE, ENCLOSED SPRING LOADED CAM LATCH, WHITE REGRESSED ALUMINUM DOOR WITH MITERED CORNERS	PAINTED AFTER FABRICATION	RECESSED GYPSUM BOARD OR LAY IN CEILING	4000 K	LED	3300 lm	72000	29	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120 V	LITHONIA	#2GTL X 2 33L RW EZ1 LP840
2	2' x 2' LED ACRYLIC LENSED PREMIUM TROFFER	PREP/REC, IV/TH	22 GA. STEEL HOUSING	#12 TRANSMISSIVE 0.125" LENS	HINGED AND LATCHED FROM EITHER SIDE, ENCLOSED SPRING LOADED CAM LATCH, WHITE REGRESSED ALUMINUM DOOR WITH MITERED CORNERS	PAINTED AFTER FABRICATION	RECESSED GYPSUM BOARD OR LAY IN CEILING	4000 K	LED	4139 lm	72000	42	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120 V	LITHONIA	#2GTL X 2 48L RW EZ1 LP840
.3	LED VANITY SCONCE, 24" LENGTH, DIRECT-INDIRECT LIGHT	TOILET ROOMS	N/A	N/A	N/A	BRUSHED ALUMINU FINISH	M WALL MOUNTED, REFER TO ARCHITECTURAL FOR MOUNTING HEIGHT	4000 K	LED	1932 lm	60000	14	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120 V	WINONA	#WFW4608 24LONG LEDX2 40K MVOLT OAE BA MEZ126783-MOD
(1	LED DECORATIVE RECESSED EDGE-LIT EXIT LIGHT, SINGLE FACE	EGRESS	20 GA. GALVANIZED STEEL, EXTRUDED ALUMINUM HOUSING	SATIN ALUMINUM TRIM PLATE, MOLDED TEXTURED LETTERS	N/A		BACK / CEILING / END MOUNTING AS REQUIRED PER PLANS	0 K	LED	10 lm	87600	1	EACH	N/A	120 V	LITHONIA	#LRP 1 RMR 120/277

LIGHTING CONTROL REQUIREMENTS AND SEQUENCE OF OPERATIONS											
	CONTROL		MANUAL CONTROL/OVE	RRIDE	OCCUPANCY SENSOR						
AG SPACE TYPES	CONTROL DESCRIPTION	CONTROL SYSTEM TYPE	DEVICE	DURIATION TYPE/LOCATION	SET POINT	PHOTOCELL CONTROL					
RESTROOMS/TOILET	AUTO ON TO 100%, AUTO OFF, MANUAL ON/OFF/DIM	STAND-ALONE	LINE VOLTAGE SWITCH	20 MIN DUAL-TECH, WALL	AUTO ON/DIM; 20 MIN SET POINT	CEILING MOUNTED IN DAYLIGHT ZONES OVER 150W, 1 MIN FAD RATE					
ENCLOSED ROOMS (OFFICE, BREAK, SUPPORT, ETC)	AUTO ON TO 50%, MANUAL ON TO 100%/OFF/DIM, AUTO OFF	STAND-ALONE	LINE VOLTAGE SWITCH	20 MIN DUAL-TECH, WALL	AUTO ON 50%, AUTO OFF; 20 MIN SET POINT	CEILING MOUNTED IN DAYLIGHT ZONES OVER 150W, 1 MIN FAD RATE					
DEPARTMENT AREAS (KITCHEN, LAB)	AUTO ON TO 50%, MANUAL ON TO 100%/OFF/DIM, AUTO OFF	STAND-ALONE	LOW VOLTAGE WALL STATION	20 MIN DUAL-TECH, CEILING	AUTO ON 50%, AUTO OFF; 20 MIN SET POINT	CEILING MOUNTED IN DAYLIGHT ZONES OVER 150W, 1 MIN FAD RATE					
ENCLOSED ROOMS (LARGE OFFICE, BREAK, SUPPOR ETC)	AUTO ON TO 50%, MANUAL ON TO 100%/OFF/DIM, AUTO OFF	STAND-ALONE	LOW VOLTAGE WALL STATION	20 MIN DUAL-TECH, CEILING	AUTO ON 50%, AUTO OFF; 20 MIN SET POINT	CEILING MOUNTED IN DAYLIGHT ZONES OVER 150W, 1 MIN FAD RATE					

NEW: M1ELP LOCATION: ELEC 1-ME1072 MAIN BUS: 225 A MCB: 225A VOLTAGE: 120/208 WYE AIC AVAILABLE: 6210 A AIC RATING: 10000 A				NUMBE	B M	WIRE LOSUR US TYP DUNTIN EL LUG	S: 4W + E: NEM E: COP G: SURI S: MCB	A-1 PER					
CKT NO.	DESCRIPTION		TOTAL LOAD (VA)	BRE	CUIT AKER POLES	АВС	BRE	CUIT AKER ES /					CK1
1	RCPT REF LAB A 1-1402		1,200	20	1		1	20		RCPT REF LAB A 1-1402			2
	JB - PRESSURE MON PHARM		600	20	1		1	20		RCPT FRZ LAB A 1-1402			4
	RCPT OFFICE 1-1404		800	20	1		1	20		RCPT LAB A 1-1402			6
	RCPT OFFICE 1-1403 RCPT LAB A 1-1402		720 720	20	1		1	20 20		RCPT OFFICE 1-1404 RCPT LAB A 1-1402			10
	RCPT LAB A 1-1402		1,700	20	1		1	20		RCPT LAB A 1-1402			12
	RCPT LAB A 1-1402		1,200	20	1		1	20	-,	RCPT LAB A 1-1402			14
_	RCPT LAB A 1-1402		720	20	1		1	20		RCPT LAB A 1-1402			16
	RCPT LAB A 1-1402		720	20	1		1	20		SPARE			18
19	PWR - WORK/STOR 1-1402 H	OOD	500	20	1		1	20	720	RCPT LAB A 1-1402			20
21	RCPT LAB A 1-1402		900	20	1		1	20	720	RCPT LAB A 1-1402			22
23	RCPT LAB A 1-1402		720	20	1		1	20	1,200	RCPT LAB A 1-1402			24
	RCPT LAB A 1-1402		720	20	1		1	20		SPARE			26
	RCPT LAB A 1-1402		1,080	20	1		1	20		SPARE			28
	RCPT BLOOD BANK 1-1401	(540	20	1		1	20		SPARE DODILAR A 4 4400			30
	RCPT THAWER BLOOD BANK RCPT BLOOD BANK 1-1401	(1-1401	1,200 1,260	20	1		1	20 20		RCPT LAB A 1-1402			32
	JB - PRESSURE MON PHARM		600	20	1		1	20		SPARE RCPT BLOOD BANK 1-1401			
	RCPT INCUBATOR BLOOD BA		1,200	20	1		1	20		RCPT THAWER BLOOD I		1	36
	RCPT FRZ BLOOD BANK 1-13		1,200	20	1		1	20		RCPT BLOOD BANK 1-14		•	40
	RCPT REF BLOOD BANK 1-14		1,200	20	1		1	20		RCPT BLOOD BANK 1-1401			42
43	RCPT LAB A 1-1402		900	20	1		1	20	500	RCPT MICRO BLOOD BANK 1-1401			44
_	JBOX -PTS LAB A 1-1402		500	20	1		1	20		RCPT FRZ BLOOD BANK 1-1401			46
	JBOX -VAV LAB A 1-1402		500	20	1			20	,				48
	LGHT RM		1,360	20	1		1	20		RCPT SEROFUGE BLOOD BANK 1-1401			50
	POWER POLE LAB A 1-1402 POWER POLE LAB A 1-1402		1,500 1,500	20	1 1		1	20 20		RCPT REF BREAKDOWN LGHT RM 1-1401,02,03,0			52 54
	RCPT PRT LAB B 1-1402		800	20	1		1	20		RCPT PRT LAB A 1-1402			56
	RCPT PRT LAB A 1-1402		500	20	1		1	20		RCPT PRT LAB A 1-1402			58
	PWR - FIRE/SMOKE DAMPER		100	20	1		3	15	1,581				60
	LEF-1		2,288	20	3								62
63													64
65							3	15	1,581	LEF-2			66
	SPARE SPARE			20	1 1								68 70
	SPARE			20	1		1	20		SPARE			70
	SPARE			20	1		1	20		SPARE			74
	SPARE			20	1		1	20		SPARE			76
77	SPARE			20	1		1	20		SPARE			78
	SPARE			20	1		1	20		SPARE			80
	SPARE			20	1		1	20		SPARE			82
83	SPARE			20	1 1	/ 163 A	1	20		SPARE			84
	LOAD CLASSIFICATION	CONNEC	TED LOA	D (VA)	E9111	NATED L (VA)	DEMAND	'		PANEL TOTALS	S		
	LGHT		2,449			3,061					kVA	AM	1PS
	MISC										NVA	— Aivi	
			5,800			5,800		-				-	
	MTRS		5,450			6,022		_					
	RCPT		41,480			25,740	J	_		TAL OOM !! COTED : 0:5			
							\perp		TAL CONNECTED LOAD:	55.2		3.2	
								\perp	TOTA	L ESTIMATED DEMAND:	40.6	112	2.8
	OTES:				_								



<u> </u>	NEW: M1NLP					ED EBON	N. T 1/14	NI D			NOF	RMAL	
•	LOCATION: ELEC 1-ME1	FED FROM: T-M1NLP											
	MAIN BUS: 225 A	012		WIRES : 4W + G ENCLOSURE : NEMA-1					NEUTRAL BUS : YES Ground Bus : Yes				
	MCB: 225A	_		BUS TYPE: COPPER MOUNTING: SURFACE PANEL LUGS: MCB NUMBER OF SECTIONS: 1									
	VOLTAGE: 120/208 WYE												
	AIC AVAILABLE: 4488 A									FEED THROUGH LU			
	AIC RATING: 10000 A			NUMBE	K OF S	ECTIONS	5: 1			POLES PER SECT	ION: 42		
			TOTAL	CIRC	CUIT		CIR	CUIT	TOTAL				
CKT	DESCRIPTION		LOAD	BREA	BREAKER		A B C BREAK		LOAD			С	
NO.			(VA)	AMPS /	POLES		POL	ES /	(VA)			N	
1	RCPT WORKSTATIONS 1-1357	,	360	20	1		1	20	540	RCPT RECEIVING 1-1510)		
3	RCPT OFFICE 1-1508		900	20	1		1	20	540	RCPT CORRIDOR CONV			
5	RCPT ROOM 1-1506, 1-1512, 1	-1514	540	20	1		1	20	720	RCPT ROOM 1-1504, 1-15	502 CONV		
7	RCPT PHARM/TECH WORK 1-	1500	720	20	1		1	20	360	RCPT PICKING AREA 1-1501			
9	PWR - STERILE COMP 1-1514	PAS	500	20	1		1	20	500	PWR - HD STERILE 1-15°	12 PAS		
11	FFU-6, FFU-7		1,104	20	1		1	20	1,104	FFU-4, FFU-5			
13	RCPT OFFICE 1-1403 & 1-1404		1,440	20	1		1	20	1,080	RCPT LAB A 1-1402			
15	RCPT WASTE 1-1511		360	20	1		1	20	540	RCPT STORAGE1-1405 8	R TOILET 1-1	-	
17	RCPT MW BREAKDOWN STOR	RAGE 1-1405	1,500	20	1		1	20	848	LGHT RM 1-1402,03,04			
19	LGHT RM 1-1500,01,02,03,04,0	5,,08,09,12	894	20	1		1	20	720	RCPT - PICKING AREA 1-1501 CT		2	
21	RCPT LAB A 1-1402		900	20	1		1	20	1,440	RCPT LAB A 1-1402		2	
23	RCPT LAB A 1-1402		720	20	1		1	20		SPARE			
	RCPT LAB A 1-1402		900	20	1		1	20		SPARE			
27	RCPT LAB A 1-1402		1,080	20	1		1	20		SPARE		2	
29	RCPT LAB A 1-1402		1,080	20	1		1	20		SPARE		(
31	RCPT LAB A 1-1402	720	20	1		1	20		SPARE				
33	RCPT LAB A 1-1402	720	20	1		1	20		SPARE				
	RCPT BLOOD BANK 1-1401	720	20	1		1	20		SPARE				
	RCPT BLOOD BANK 1-1401		1,080	20	1		1	20		SPARE		;	
	SPARE			20	1		1	20		SPARE		4	
41	SPARE			20	1 1	/ 00 1 /	1	20		SPARE			
						/ 62 A /							
	LOAD CLASSIFICATION	CONNECT	ED LOA	D (VA)	LOTIN	STIMATED DEMAND (VA)				PANEL TOTALS	EL TOTALS		
	LGHT	1,742			2,178					kVA	AMPS		
	MISC		3,208			3,208			· ·				
	RCPT	1	9,680			14,840							
									то-	TAL CONNECTED LOAD	24.6	60.4	
										TAL CONNECTED LOAD:	24.6	68.4	
									IOIA	L ESTIMATED DEMAND:	20.2	56.1	

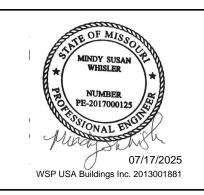


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LAB & PHARMACY RENOVATION

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AUTHORITY HAVING JURISDICTION:
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

FACILITY NUMBER: **0972400009**

AGENCY APPROVALS:

REV # DESCRIPTION DATE

1 ASI-001 - DESIGN COORDINATION 2025/07/17

DATE: 05/23/2025
SCALE: N.T.S
DRAWN: WS
REVIEWED: WS
JOB NUMBER: 6406.24

SCHEDULES - ELECTRICAL

E08-01