

HCA - LEE'S SUMMIT MEDICAL CENTER ADMINISTRATION RELOCATION

2100 SE BLUE PKWY LEE'S SUMMIT, MO 64063

DGL PROJECT NO HCA PROJECT NO. 6406.24.0001 0972400009 DATE: 04/18/2025

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

CITY AND STATE - 1ST REVIEW



Devenney Group Ltd., Architects

6900 E. Camelback Road, Suite #500 Phoenix, Arizona 85013

T: 602.943.8950 F: 602.943.7645

www.devenneygroup.com

HCA VENDOR INFORMATION

REMAR (TV)
DARRELL LEFTWICH, DLEFTWICH@REMARINC.COM

STORAGE SYSTEMS UNLIMITED (STORAGE)
LANCE MCCORMICK, LMCCORMICK@STORAGESYSTEMSUL.COM

DEVENNEY GROUP, LTD.
ARCHITECTS

ARCHITECTS

6900 E CAMELBACK RD, SUITE #500 SCOTTSDALE, AZ 85251

PROJECT MANAGER: KEVIN COOK

DUDLEY C.
CAMPBELL

NUMBER
A-2021002549

DATE SIGNED: 04.18.25

602.541.7287

WSP

MECHANICAL, PLUMBING & ELECTRICAL ENGINEERS

300 WYANDOTTE, SUITE 200 KANSAS CITY, MO 64105

PROJECT MANAGER: MINDY WHISLER 816.702.4247

INNER DESIGN STUDIO

INTERIOR DESIGNER

7103 BAKER'S BRIDGE AVE, SUITE 106

BRENTWOOD, TN 37027

PROJECT MANAGER: BEVERLY PHILLEY

615.321.0696

NABHOLZ

GENERAL CONTRACTOR

6640 CAROTHERS PARKWAY, STE 150 FRANKLIN, TN 37067 PROJECT EXECUTIVE: JEREMY BRANSON

913.393.6552

	R = REVISED SHEET
	F = FOR REFERENCE ONLY
	D = DELETED SHEET
SHEET NUMBER	SHEET NAME
	_
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ARCHITECTURAL	
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AC501	PARTITION TYPES & DETAILS
AC521 ARCHITECTURAL	TYPICAL MOUNTING HEIGHTS DEMOLITION
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AD171	DEMOLITION RCP - LEVEL 1
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AE111 AE131	ANNOTATION FLOOR PLAN - LEVEL 1 - ADMIN
AE181	REFLECTED CEILING PLAN - LEVEL 1 - ADMIN
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T06-01	
T06-01 T07-01 T07-02	DETAILS - TECHNOLOGY DETAILS - TECHNOLOGY DETAILS - TECHNOLOGY SCHEDULES - TECHNOLOGY

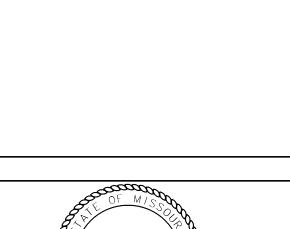


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6900 East Camelback Road

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Suite 500 Scottsdale, AZ 85251 T: 602.943.8950

Consultant:



NUMBER A-2021002549

DATE SIGNED: 04.18.25

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.

ADMINISTRATION RELOCATION

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:

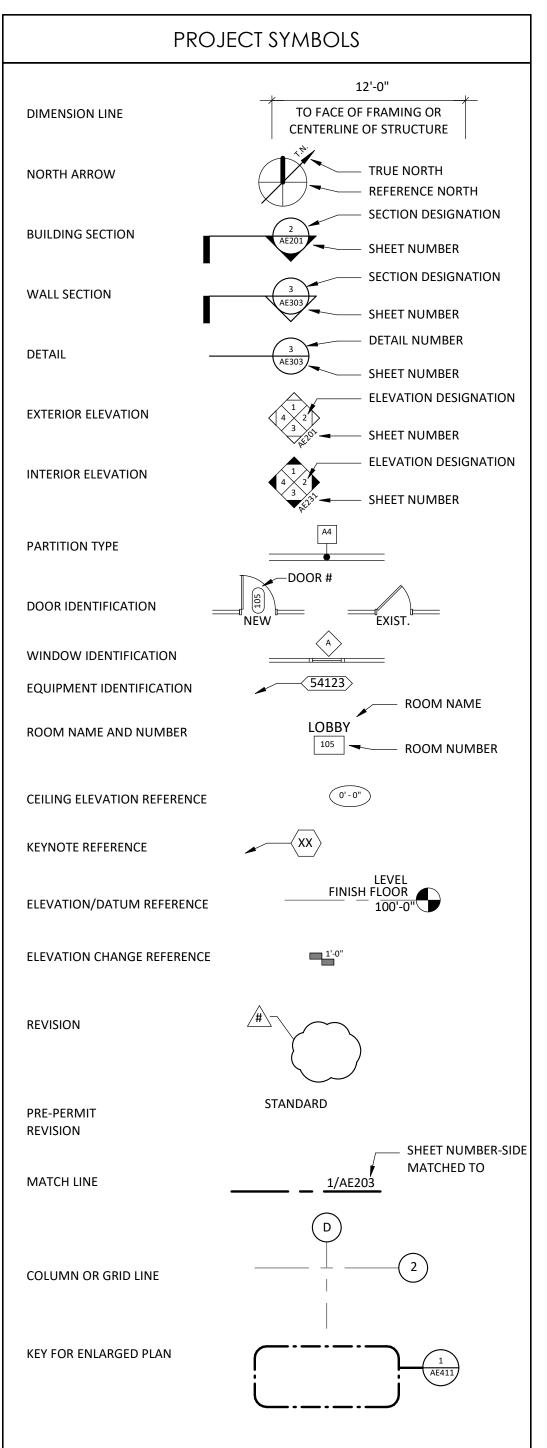
REV# DESCRIPTION

DATE

DATE: 04/18/2025
SCALE:
DRAWN: JV
REVIEWED: MM/DP
JOB NUMBER: 6406.24

SHEET INDEX

G1001





PROJECT GENERAL NOTES

- . GENERAL NOTES APPLY TO ALL DRAWINGS. LABOR, MATERIALS, CONSTRUCTION METHODS AND WORK TO CONFORM TO THE LATEST GOVERNING CODES, RULES AND REGULATIONS FOR THIS PROJECT AND
- JURISDICTION. THE MOST STRINGENT SHALL PREVAIL. WHEN REQUIRED BY CODE, RULES OR REGULATIONS, WORK MUST BE INSPECTED AND APPROVED BY AUTHORITY HAVING JURISDICTION.
- VERIFY EXISTING SITE CONDITIONS PRIOR TO STARTING WORK AND NOTIFY ARCHITECT OF ANY DISCREPANCIES. VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION AND/OR
- CONSTRUCTION; NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THESE DRAWINGS WHICH AFFECT THE SCOPE AND INTENT OF THE WORK DESCRIBED IN THE CONSTRUCTION DOCUMENTS. DO NOT MEASURE DRAWINGS. DIMENSIONS TO BE FIELD MEASURED AND VERIFIED.
- NOTIFY ARCHITECT OF ANY DISCREPANCIES. FIELD VERIFY DIMENSIONS OF OPENINGS FOR DOORS AND WINDOWS PRIOR TO
- FIELD VERIFY SPACES REQUIRING CABINETS, COUNTERS, CASEWORK, ETC. PRIOR TO
- FABRICATION. . COORDINATE MECHANICAL, PLUMBING AND ELECTRICAL CHASE SIZES AND
- 10. GYPSUM BOARD TO BE 5/8" TYPE 'X' FIRE RATED UNLESS NOTED OTHERWISE.
- 11. GYPSUM BOARD AT NON-RATED INTERIOR PARTITIONS TERMINATES 6" (MINIMUM) ABOVE THE HIGHEST ADJACENT CEILING UNLESS NOTED OTHERWISE. 12. SCRIBE GYPSUM BOARD TO IRREGULARITIES OF ADJACENT SURFACES; SEAL TIGHT
- AROUND PENETRATIONS. 13. SEAL PENETRATIONS THROUGH FIRE RATED ASSEMBLIES WITH APPROVED MATERIALS AND METHODS MEETING REQUIREMENTS OF AGENCY HAVING
- JURISDICTION. .4. NEW WORK TO ALIGN WITH AND MATCH EXISTING EXCEPT WHERE OTHERWISE
- DIMENSIONED OR DETAILED. .5. WHEN EXISTING EQUIPMENT, FIXTURES, PIPING, DUCTS, ETC. ARE REMOVED SUCH REMOVAL SHALL INCLUDE ANCHORS, HANGERS, BASE, ETC.; AFTER REMOVAL, PATCH FLOORS, WALLS AND CEILINGS TO MATCH ADJACENT SURFACES IN MATERIAL, TEXTURE AND COLOR.
- .6. PATCH EXISTING PARTITIONS AND WALLS WITHIN THE SCOPE OF THE PROJECT THAT ARE DENTED OR DAMAGED AND FILL ALL NAIL HOLES, ETC. TO PREPARE FOR FINISH AS PER NEW FINISHES REQUIREMENTS.
- 7. PATCH AND REPAIR PARTITIONS, WALLS AND FLOORS CUT OUT FOR MECHANICAL, PLUMBING OR ELECTRICAL WORK.
- 18. PROVIDE GYPSUM BOARD BARRIER (FIRE RATED ASSEMBLIES WHERE REQUIRED) WITH ACCESS BETWEEN CONSTRUCTION AREA AND EXISTING AREA TO REMAIN. NO FUMES, DUST OR DEBRIS IS PERMITTED OUTSIDE OF THE CONSTRUCTION BARRIER.

DISCLAIMER

THESE COMPOSITION PLANS WERE DEVELOPED USING THE RECORD CONSTRUCTION PLANS PROVIDED BY THE CLIENT. RECORD DRAWINGS WERE UTILIZED TO GENERATE THE COMPOSITE PLANS. VERIFICATIONS WERE MADE FOR MINOR ALTERATION AND DEVIATIONS FROM THE ORIGINAL CONSTRUCTION PLANS. EXTENSIVE AS-BUILT VERIFICATION WAS NOT PERFORMED FOR THE COMPOSITE PLANS. THE COMPOSITE PLANS WERE UTILIZED FOR THE BASE PLANS FOR THE DEVELOPMENT OF THE MECHANICAL AND ELECTRICAL COMPOSITE PLANS. LIMITED FIELD VERIFICATION OF MECHANICAL AND ELECTRICAL SYSTEMS WERE PERFORMED TO DETERMINE LOCATIONS OF MAJOR COMPONENTS, FIRE PROTECTION AND LIFE SAFETY SYSTEMS

DEFERRED SUBMITTALS

1. TOILET FACILITIES FOR EMPLOYEES SHALL BE SEPARATE FROM FACILITIES FOR INMATES OR CARE RECIPIENTS

- FIRE/SMOKE ALARM DESIGN AND ENGINEERING
- FIRE SUPPRESSION DESIGN AND ENGINEERING SPRAY APPLIED FIRE PROOFING DESIGN AND ENGINEERING
- FIRE RESISTANT JOINT SYSTEM DESIGN AND ENGINEERING INTERIOR SIGNAGE DESIGN AND ENGINEERING
- LIGHT GAGE METAL STUD FRAMING DESIGN AND ENGINEERING

	PRO	JECT DATA				
PROJECT NAME	HCA - LEE'S	S SUMMIT MEI	DICAL CENTER -	ADMINISTRATION TEI	NANT IMPROVEMENT	
ADDRESS	2100 SE BL	UE PKWAY				
	LEE'S SUM	MIT, MO 6406	3			
BRIEF PROJECT DESCRIPTION						
	THIS PROJE	ECT INCLUDES	THE FOLLOWIN	G COMPONENT:		
	On level 1, area. The p	the existing O project won't in	P infusion will b	al square footage to th	mmodate the new adine overall existing MO	
	Building In	formation (M	OB I)			
OVERALL BUILDING HEIGHT	2 STORIES	(EXISTING)		45 FE	ET	
OVERALL BUILDING AREA (GROSS)	66,296 SF	(EXISTING)				
TOTAL PROJECT AREA (GROSS)	LEVEL 1:		ADMINISTRAT	TION		
			3,845 (SF)			
TOTAL BUILDING AREA (GROSS)	3,845 (SF)					
CONSTRUCTION TYPE (MOB I)	IIB					
Fire Sprinklers	Full Per NF	PA 13				
Fire Alarms	Provided					
Emergency Lighting	Provided					
Fire Resistance	e Rating Re	quirements fo	r Building Elem	ents		
Building Element / Occupancy Type	TYPE IIB CO	ONSTRUCTION	(MOB I) / B - O	CCUPANCY		
Primary Structural Frame	0	Hours				
Bearing walls: Exterior	0	Hours				
Bearing walls: Interior	0	Hours				
Nonbearing walls and partitions: Exterior	Varies by d	listance from p	property line. Se	ee IBC table 602.		
Nonbearing walls and partitions: Interior	0	Hours				
Floor construction and associated secondary members	0	Hours				
Roof construction and associated secondary members	0c	Hours				

Except in Group F-1, H, M and S-1 occupancies, fire protection of structural members shall not be required, including protection of roof framing and decking where every part of the roof construction is 20 feet or more above any floor immediately below. Fire-retardant-treated wood members shall be allowed to be used for such unprotected members. c. In all occupancies, heavy timber complying with section 2304.11 shall be allowed where 1-hour or less fire-resistance rating is required.

Governing Codes (Local)	Life Safety, Building Code, & Accessibility Review - City of Lee's Summit, MO
	2018 International Building Code.
	2017 National Electrical Code.
	2018 International Mechanical Code.
	2018 International Plumbing Code.
	2018 Fuel Gas Code.
	2018 International Fire Code.
	ICC/ANSI A117.1-2009, Accessible and Usable Buildings and Facilities
Governing Codes (Jurisdictional)	Missouri Dept. of Health and Senior Services

a. NFPA 70 National Electrical Code b. NFPA 101 Life Safety Code

c. 2012 Supplements

Governing Codes (Jurisdictional) Missouri Dept. of Health and Senior Services 2014 Guidelines for Design and Construction of Health Care Facilities The following 2012 National Fire Codes (NFPA)

CLASSIFICATION	OCCUPANCY DESCRIPTION		WATER CLOSETS		LAVATORIES		BATHTUBS OR SHOWERS	DRINKING FOUNTAINS	OTHER
			MALE	FEMALE	MALE	FEMALE			
						· · · · · · · · · · · · · · · · · · ·			
BUSINESS	В	BUSINESS OPERATIONS (B OCCUPANCY)	1 PER 25 FOR FIRST 50 & 1 PER 50 FOR REMAINING	1 PER 25 FOR FIRST 50 & 1 PER 50 FOR REMAINING	1 PER 40 FOR FIRST 80 & 1 PER 80 FOR REMAINING	1 PER 40 FOR FIRST 80 & 1 PER 80 FOR REMAINING	N/A	1 PER 100	1 SERVICE SINK
							,		
		REQUIRED	2	2	1	1		1	
		PROVIDED		6	ĺ		_	2	1

*TOTAL OCCUPANTS FOR LEVEL 1 TENANT IMPROVEMENT IS 72 OCCUPANTS. REFER TO SHEET AC101 FOR ADDITIONAL INFORMATION ON OCCUPANT LOAD CALCULATIONS.

2. THE OCCUPANT LOAD FOR SEASONAL OUTDOOR SEATING AND ENTERTAINMENT AREAS SHALL BE INCLUDED WHEN DETERMINING THE MINIMUM NUMBER OF FACILITIES REQUIRED

AGENCY

MISSOURI DHSS

FACILITY NUMBER: 0972400009

AGENCY APPROVALS:

REVISIONS DATE DESCRIPTION

Devenney

GROU

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Scottsdale, AZ 85251

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COMPENSATION TO DEVENNEY GROUP LTD.

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RELOCATION

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.

RECORDING. THESE PLANS ARE COPYRIGHTED AND ARE SUBJECT TO COPYRIGHT

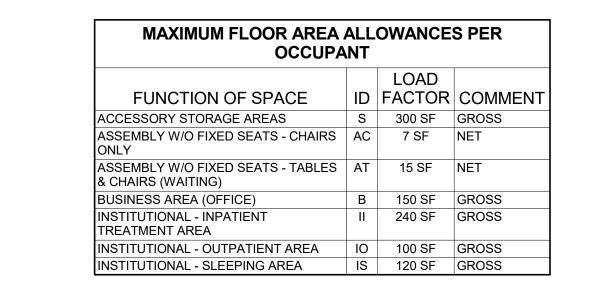
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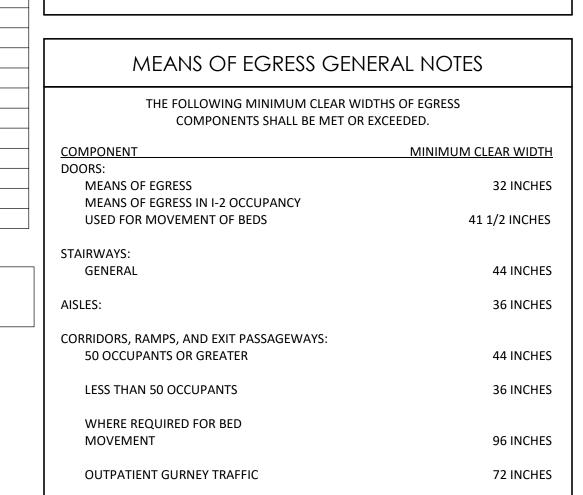
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PROJECT INFORMATION, ब्ध्व AREA MAPS, SYMBOLS

G1101



	ROOM C	CCUPA	NCY - LE	VEL 1	
NUMBER	NAME	AREA	OCC ID	LOAD FACTOR	OCC LOAD
1-1335	(E) VESTIBULE	78 SF			
2-2000	WAITING	102 SF	AT	15 SF	7
2-2001	RECEPTION	139 SF	В	150 SF	1
2-2002	CEO OFFICE	198 SF	В	150 SF	2
2-2003	CNO OFFICE	139 SF	В	150 SF	1
2-2004	COO OFFICE	139 SF	В	150 SF	1
2-2005	CFO OFFICE	137 SF	В	150 SF	1
2-2006	CMO OFFICE	132 SF	В	150 SF	1
2-2007	PHYSICIAN PROVIDER RELATIONSHIP OFFICE	106 SF	В	150 SF	1
2-2008	MARKETING OFFICE	106 SF	В	150 SF	1
2-2009	SHARED OFFICE	143 SF	В	150 SF	1
2-2010	CONFERENCE	213 SF	AT	15 SF	15
2-2011	BOARD ROOM	552 SF	AT	15 SF	37
2-2012	COPY/WORK	124 SF	В	150 SF	1
2-2013	STORAGE	46 SF	S	300 SF	1
2-2014	STORAGE	45 SF	S	300 SF	1
2-2015	BREAK/NOURISH	114 SF	В	150 SF	1
2-2016	СОММ	75 SF	S	300 SF	1
2-2017	STORAGE	56 SF	S	300 SF	1
2-2018	TLT	51 SF	S	300 SF	1
2-2019	TLT	54 SF	S	300 SF	1

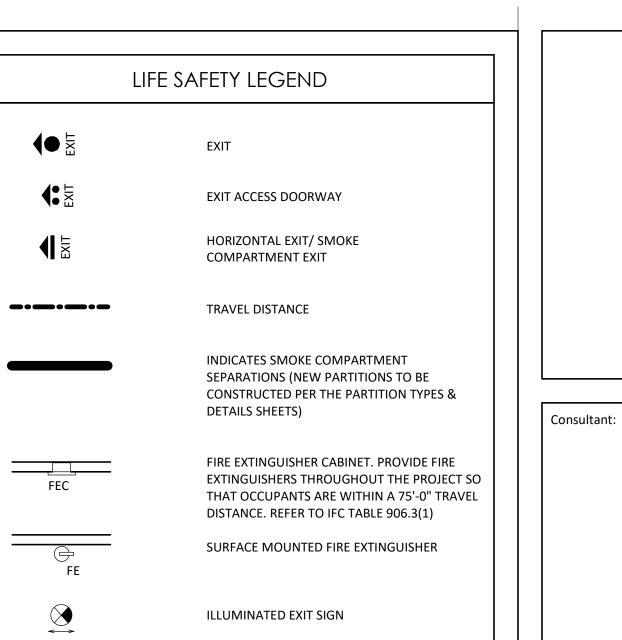


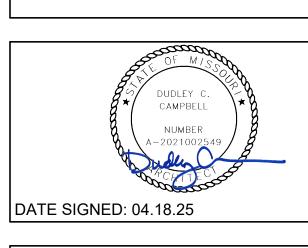
PARTITION LEGEND						
EXISTING	NEW					
		NON-RATED PARTITION				
		2-HOUR FIRE BARRIER				
		1-HOUR FIRE BARRIER				
		1-HOUR SMOKE BARRIER				
		SMOKE PARTITION				
		1-HOUR FIRE PARTITION				
		LIMITS OF CONSTRUCTION (SHADE INDICATES AREA OUTSIDE OF SCOP				

EXIT ACCESSS TRAVEL DISTANCE	E - LEVEL 1
PER IBC 1016.1 THE MAX LENGTH OF EXIT ACCESS TRAV 300FT (B OCCUPANCY)	EL SHALL NOT EXCE
PATH NAME	DISTANCE
LEVEL 1	
A PATH	102'-3"
B PATH	263'-7"

MINIMUN	MINIMUM EGRESS WIDTH REQUIRED IS THE GREATER WIDTH CALCULATED							
PER IBC	SECTION 1005.3 A	ND 1010.1.1.	AND MINIMUN	M EGRESS WIDTH				
PRO	PROVIDED ASSUMES LEAF THICKNESS OF 2", INCLUDING HINGES							
	EXIT		WIDTH	WIDTH				
DOOR #	DESCRIPTION	OCC. LOAD	REQUIRED	PROVIDED				
LEVEL 1	LEVEL 1							
DOOR #2	@ MOB ENT.	76	31 3/4"	36"				
DOOR #5	@ REAR	76	31 3/4"	60"				

SMOKE COMPARTMENT PLAN
(E) INDUSTRIAL OCCUPANCY SC-1.6 2,294 SF SC-1.4 12,483 SF 12,483 SF 21,414 SF 21,414 SF 21,414 SF





Devenney

GROUF

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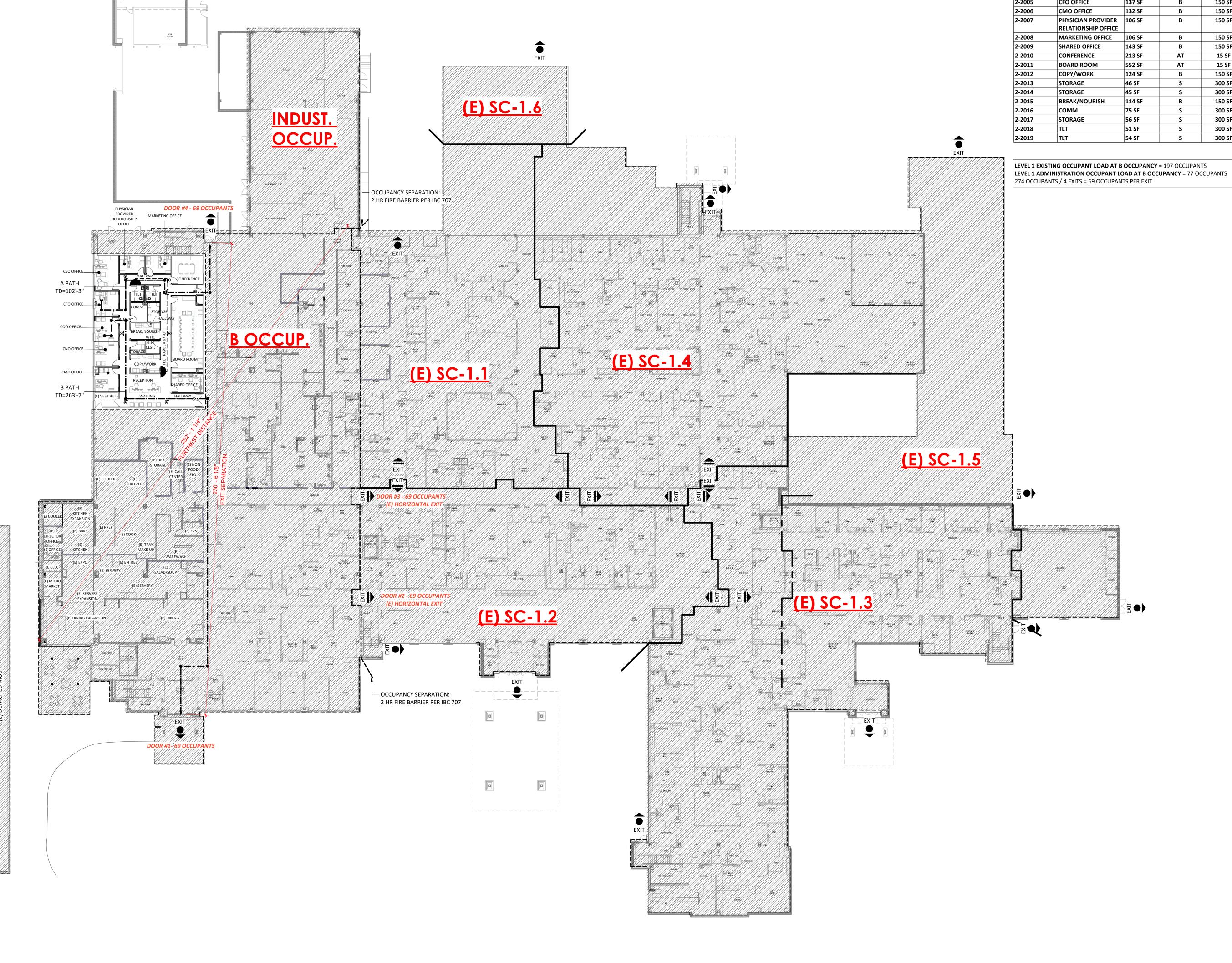
CITY OF LEE'S SUMMIT BUILDING DEPT.
MISSOURI DHSS

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LIFE SAFETY FLOOR PLAN – LEVEL 1

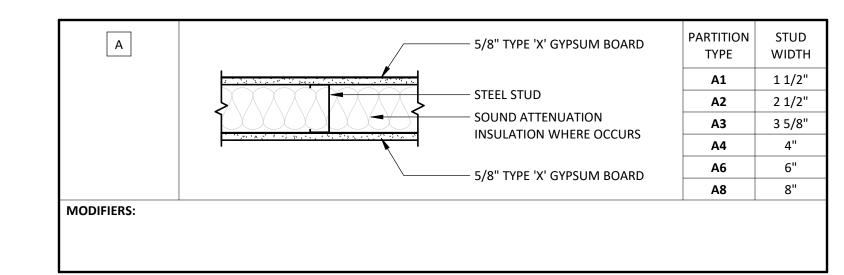
AC101



LIFE SAFETY FLOOR PLAN - LEVEL 1

3/64" = 1'-0"

CATEGORY	FUNCTION	DESCRIPTION	REQUIRED RATING	TYPE OF PROTECTION	BASIS OF DESIGN PRODUCT	LISTED DETAIL	NOTES
ARTITIONS	SEPARATION OF ACCESSORY USE	RATED PARTITIONS	1-HOUR	GYPSUM BOARD / STEEL STUD	US GYPSUM	UL DESIGN U419	SEE "LISTED DETAILS" SHEETS FOR FUL
	AREAS PER NFPA			ASSEMBLY	PRODUCTS		DETAIL DESCRIPTION
DINTS	INTERIOR STUD PARTITION BASE & HEAD TERMINATION @ RATED DECK	RATED WALL JOINT	1-HOUR & 2-HOUR	FIRE RESISTIVE JOINT MATERIAL ASSEMBLY FOR STUD ASSEMBLIES	US GYPSUM PRODUCTS	BW-S-0002 BW-S-0013 BW-S-0020 BW-S-0023 BW-S-0039 HW-D-0181 HW-D-0294 HW-D-0259 HW-D-0264 HW-D-0324 HW-D-0324 HW-D-0338 HW-D-0303 HW-D-0538 HW-D-0571 HW-D-0571 HW-D-0572 HW-D-0579 HW-D-0579 HW-D-0646 HW-D-0871 HW-D-0871	SEE "LISTED DETAILS" SHEETS FOR FUI DETAIL DESCRIPTION
	INTERIOR SHAFT STUD WALL HEAD / SILL TERMINATION	RATED WALL JOINT	1-HOUR & 2-HOUR	FIRE RESISTIVE JOINT MATERIAL ASSEMBLY FOR STUD ASSEMBLIES	US GYPSUM PRODUCTS	BW-S-023, HW-D-0646	SEE "LISTED DETAILS" SHEETS FOR FUL
	PENETRATION OF RATED STUD PARTITIONS BY STRUCTURAL FRAMING MEMBERS	RATED PENETRATION JOINT	1-HOUR & 2-HOUR	FIRE RESISTIVE JOINT MATERIALS FOR STUD ASSEMBLIES	VARIES - SEE UL DETAIL	HW-D-0218	SEE "LISTED DETAILS" SHEETS FOR FUL DETAIL DESCRIPTION
	EDGE OF 2ND FLOOR SLAB AT CURTAIN WALLS	RATED SLAB EDGE JOINT	1-HOUR	FIRE RESISTIVE JOINT MATERIAL ASSEMBLY FOR DISSIMILAR MATERIALS	VARIES - SEE UL DETAIL	CEJ 421 P CW-D-1003	SEE "LISTED DETAILS" SHEETS FOR FUL DETAIL DESCRIPTION
	INTERIOR RATED EXPANSION JOINT AT SMOKE BARRIER WALLS	RATED EXPANSION JOINT	1-HOUR	FIRE RESISTIVE JOINT MATERIAL ASSEMBLY FOR GYPSUM BOARD	FIRELINE 520	CSI/EJCA-120-01 CSI/EJCA-120-02 UL FF-D-3006 UL WW-D-3007 UL FF-D-4002	SEE "LISTED DETAILS" SHEETS FOR FUL DETAIL DESCRIPTION
ENETRATIONS	RATED PARTITION PENETRATIONS FOR MECHANICAL, PLUMBING, OR ELECTRICAL ITEMS	VARIOUS PENETRATIONS THROUGH RATED PARTITIONS AS REQUIRED	1-HOUR & 2-HOUR	FIRE RESISTIVE JOINT MATERIAL / ASSEMBLY	VARIES	W-L-1001 W-L-1146 W-L-1166 W-L-1054 W-L-1206 W-L-3161 W-L-3334 W-L-3414 W-L-5001 W-L-7130 W-L-7154 W-L-7155 W-L-8023	SEE "LISTED DETAILS" SHEETS FOR FUL DETAIL DESCRIPTION
	RATED DECK PENETRATIONS FOR MECHANICAL, PLUMBING, OR ELECTRICAL ITEMS	VARIOUS PENETRATIONS THROUGH RATED DECKING AS REQUIRED	1-HOUR	FIRE RESISTIVE JOINT MATERIAL / ASSEMBLY	VARIES	UL DESIGN C-AJ-5156	SEE "LISTED DETAILS" SHEETS FOR FU DETAIL DESCRIPTION



F	— 5/8" TYPE 'X' GYPSUM BOARD	PARTITION TYPE	STU WIDT
		F1	1 1/2
	— STEEL STUD	F2	2 1/2
	— SOUND ATTENUATION	F3	3 5/8
	INSULATION WHERE OCCURS	F4	4"
		F6	6"
		F8	8"

PARTITIONS GENERAL NOTES

- ALL PARTITIONS TO EXTEND TO DECK ABOVE UNLESS NOTED OTHERWISE.
- BRACE PARTITION TO STRUCTURE ABOVE.PROVIDE MOISTURE RESISTANT GYPSUM BOARD (OR CEMENT BOARD) AT WALL TILE
- LOCATIONS IN LIEU OF STANDARD GYPSUM BOARD.

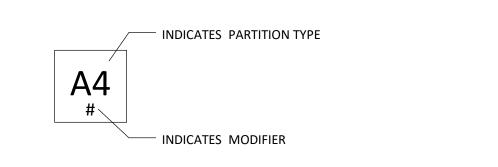
 4. PROVIDE STEEL STUD SILL AND HEADER AT ALL INTERIOR PARTITION PENETRATIONS
- 4. PROVIDE STEEL STUD SILL AND HEADER AT ALL INTERIOR PARTITION PENETRATIONS FOR CONDUIT AND CABLE TRAYS AS REQUIRED.

PROVIDE FIRE BATTS AND FIRE SAFING AND SEALANT ASSEMBLIES AT ALL

PENETRATIONS THROUGH RATED PARTITIONS AS REQUIRED.

- 6. FOR STC RATINGS SEE DIMENSION PLANS. PROVIDE CONTINUOUS ACOUSTICAL SEALANT AT THE BOTTOM TRACK AND AT TOP TRACK WHERE PARTITION EXTENDS
- 7. STUD DEPTHS, HEIGHTS AND LIMITS TO BE ENGINEERED BY THE STUD DESIGN ENGINEER

PARTITIONS LEGEND



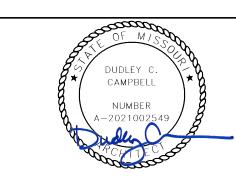


Devenney Group Ltd., Architects

6900 East Camelback Road Suite 500 Scottsdale, AZ 85251

T: 602.943.8950
www.devenneygroup.com

Consultant:



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ADMINISTRATION RELOCATION

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**

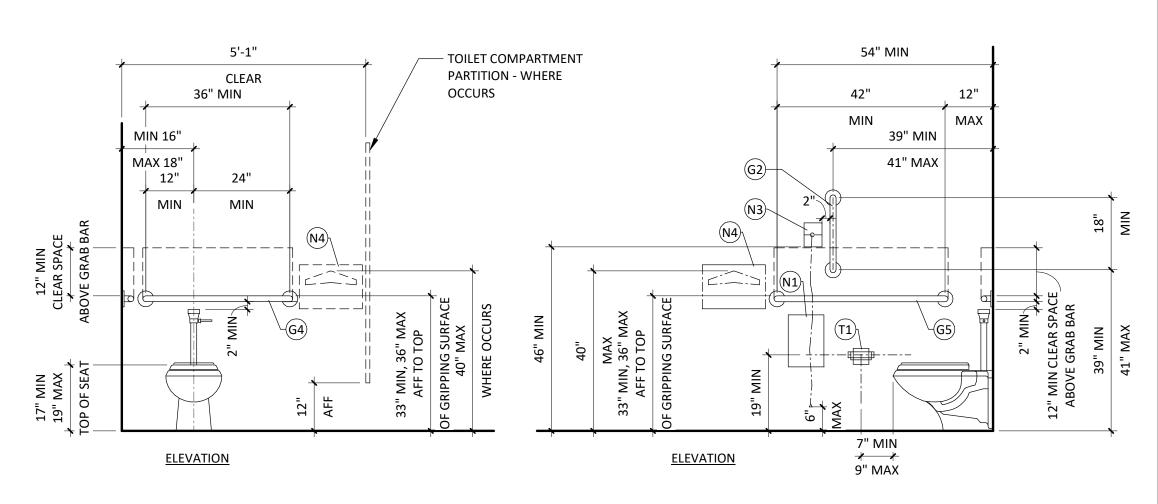
AGENCY APPROVALS:
AGENCY

REVISIONS
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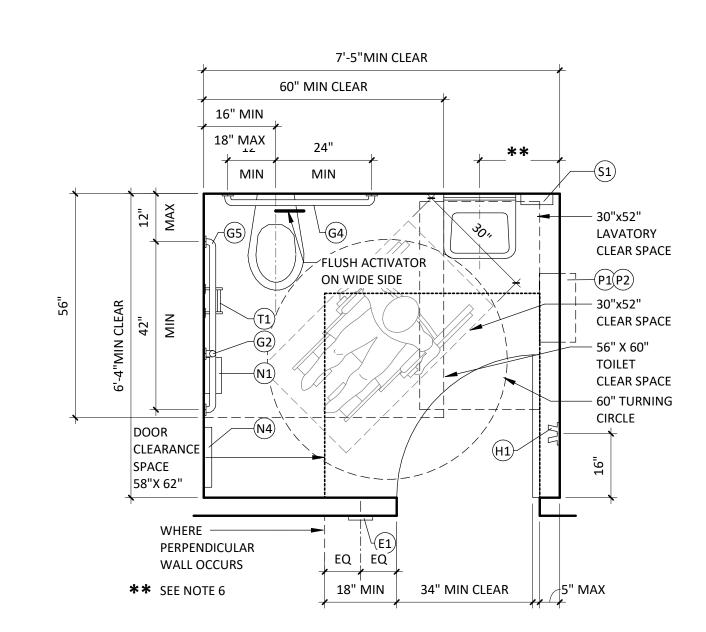
| DATE: 04/18/2025 | SCALE: 11/2" = 1'-0" | DRAWN: JV | REVIEWED: MM/DP | JOB NUMBER: 6406.24

PARTITION TYPES & DETAILS

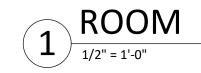
AC501



TYPICAL WATER CLOSET ACCESSORIES ELEVATIONS 1/2" = 1'-0"



TYPICAL IN-SWING DOOR ACCESSIBLE TOILET



TYPICAL MOUNTING GENERAL NOTES

- L. 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

- (Y1) SURFACE MOUNTED FOLDING SHOWER SEAT- 'L' SHAPE
- (Y2) SURFACE MOUNTED FOLDING SHOWER SEAT- RECTANGULAR
- (X1) SHOWER CURTAIN ROD
- (X2) TRENCH DRAIN @TOE OF COVE
- (W1) HAND HELD FLEXIBLE SHOWER SPRAY & HOSE 59" LONG MIN.
- (T1) SURFACE MOUNTED OR RECESSED TOILET PAPER DISPENSER
- (S1) SOAP DISPENSER (ADULT)
- (S2) SOAP DISPENSER (CHILD)
- (S3) SOAP DISH
- (S4) COUNTER MOUNTED SOAP DISPENSER (P1) SURFACE MOUNTED OR RECESSED PAPER TOWEL DISPENSER
- (BOBRICK B-262/B-359) (P2) PAPER TOWEL DISPENSER (CHILD)
- (P3) SEMI RECESSED PAPER TOWEL DISPENSER & WASTE
- RECEPTACLE (BOBRICK B-3944) (N3) NURSE CALL PULL CORD
- (N4) TOILET SEAT COVER DISPENSER
- (N5) BEDPAN WASH
- (N1) SURFACE MOUNTED SANITARY NAPKIN DISPOSAL AT FEMALE AND UNISEX TOILET ONLY
- (N2) RECESSED SANITARY NAPKIN DISPOSAL AT FEMALE AND UNISEX TOILET ONLY
- (M1) 24"WX36"H SURFACE MOUNTED MIRROR
- (M6) 18"WX24"H SURFACE MOUNTED MIRROR
- (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 (E1) TACTILE ROOM SIGN - WHERE OCCURS



Devenney Group Ltd., Architects

www.devenneygroup.com

6900 East Camelback Road Suite 500 Scottsdale, AZ 85251

T: 602.943.8950

Consultant:

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ADMINISTRATION RELOCATION

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FACILITY NUMBER:

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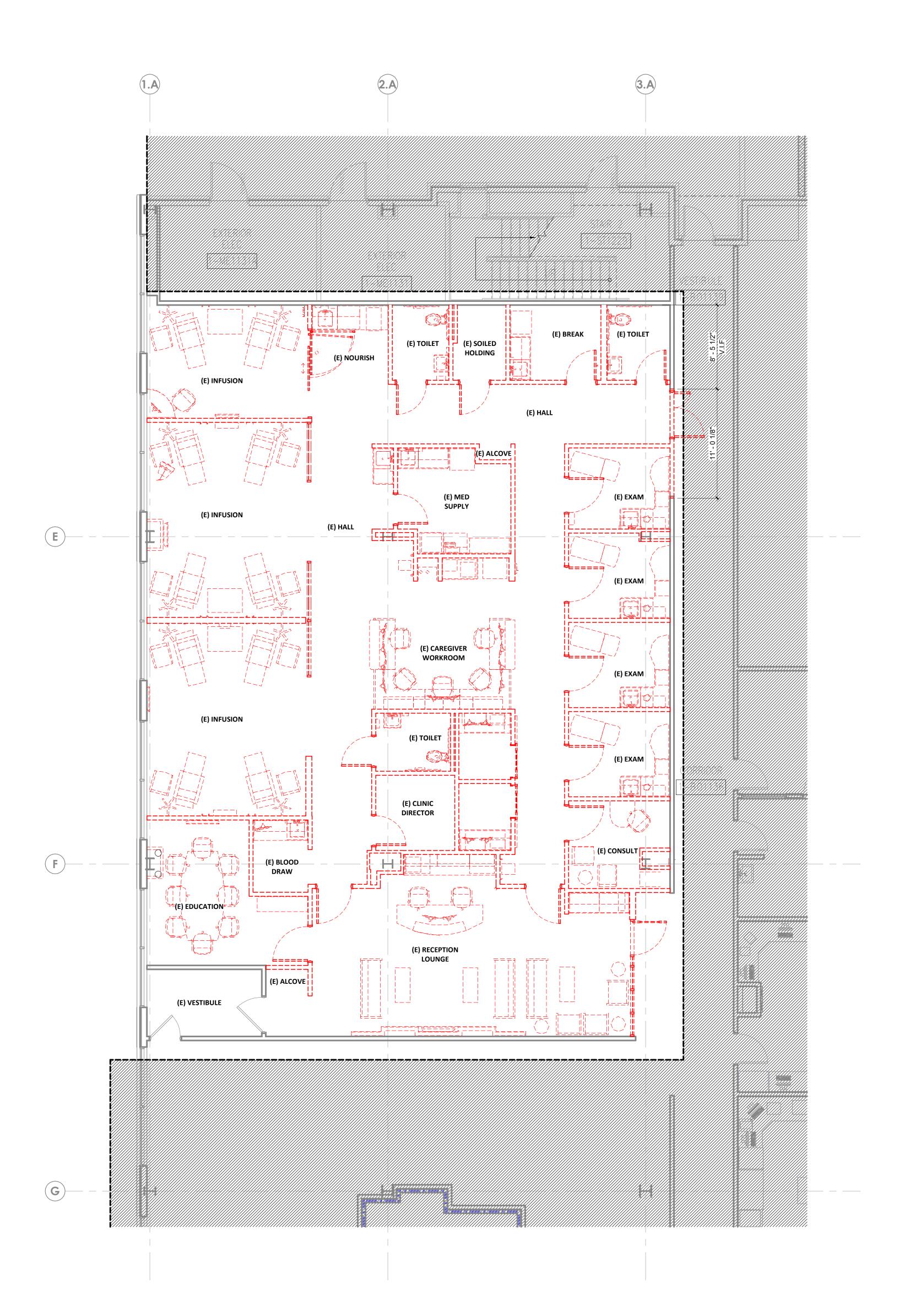
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TYPICAL MOUNTING HEIGHTS

JOB NUMBER:

AC521



DEMOLITION GENERAL NOTES

- DELIVER SALVAGED ITEMS TO THE OWNER AS DESIGNATED BY THE OWNER'S REPRESENTATIVE. THIS MAY INCLUDE BUT IS NOT LIMITED TO CASEWORK, FURNITURE, DOORS, DOOR HARDWARE, DISPENSERS, MARKERBOARDS, MEDICAL EQUIPMENT, MEDICAL GAS ITEMS, PLUMBING FIXTURES, LIGHT FIXTURES, AND
- MECHANICAL EQUIPMENT. ALL OTHER ITEMS SHALL BE DISPOSED OF BY CONTRACTOR. PATCH AND REPAIR FLOOR, WALL, AND CEILING PENETRATIONS WHERE ITEMS HAVE BEEN REMOVED TO MATCH EXISTING FINISH. SEAL RATED ASSEMBLIES WITH
- APPROVED U.L. RATED MATERIALS. PROTECT ADJACENT ITEMS THAT ARE TO REMAIN INCLUDING, BUT NOT LIMITED TO, FINISHES, CASEWORK, FURNITURE, DOORS, PLUMBING FIXTURES, CEILING
- ASSEMBLIES, AND MECHANICAL EQUIPMENT. PROTECT STRUCTURAL COLUMNS, BEAMS, AND FRAMING. MAINTAIN SPRAYED ON FIREPROOFING RATING AT STRUCTURAL MEMBERS. DAMAGE TO FIREPROOFING SHALL BE PATCHED AND/OR REPLACED TO BRING TO ORIGINAL AND/OR REQUIRED PROTECTION RATING.
- REMOVE EXISTING FLOOR FINISHES AND PREPARE EXISTING SLAB FOR NEW FINISH INSTALLATION, U.N.O.

DEMOLITION LEGEND **DEMO PARTITION** DEMO DOOR AND FRAME ŒĦĦĦĦĐ DEMO WINDOW AND FRAME



EXISTING

PARTITION LEGEND NEW NON-RATED PARTITION 2-HOUR FIRE BARRIER 1-HOUR FIRE BARRIER 1-HOUR SMOKE BARRIER SMOKE PARTITION 1-HOUR FIRE PARTITION LIMITS OF CONSTRUCTION

(SHADE INDICATES AREA OUTSIDE OF SCOPE)

DEMO EXISTING PLUMBING FIXTURE

KEYNOTE LEGEND

KEY NOTE

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Devenney

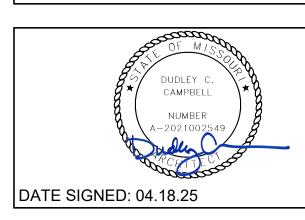
GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road

Scottsdale, AZ 85251

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RELOCATION

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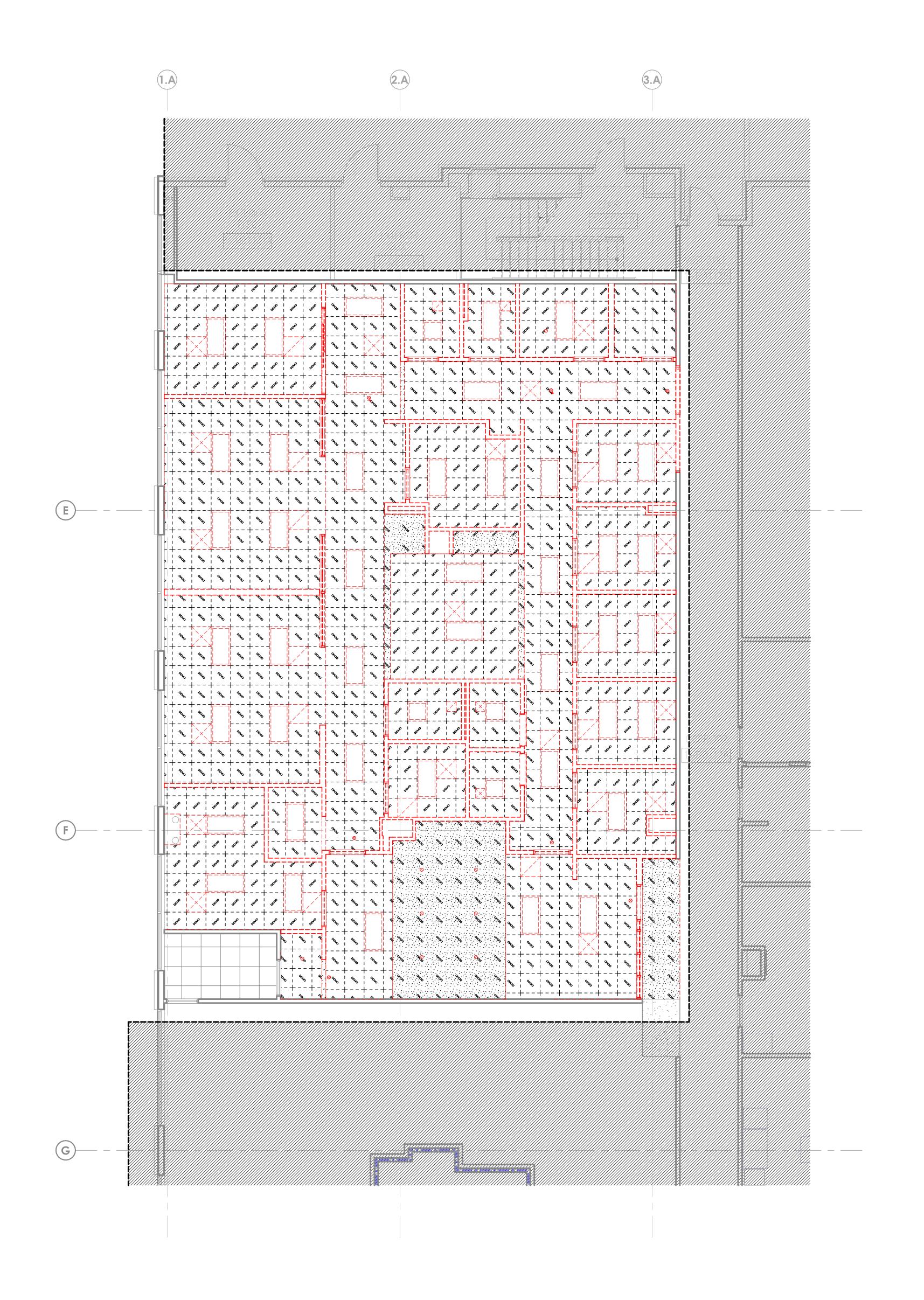
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REVIEWED: 3/16" = 1'-0" 9 JOB NUMBER:

DEMOLITION PLAN - LEVEL 1

AD101



DEMOLITION GENERAL NOTES

- 1. DELIVER SALVAGED ITEMS TO THE OWNER AS DESIGNATED BY THE OWNER'S REPRESENTATIVE. THIS MAY INCLUDE BUT IS NOT LIMITED TO CASEWORK, FURNITURE, DOORS, DOOR HARDWARE, DISPENSERS, MARKERBOARDS, MEDICAL EQUIPMENT, MEDICAL GAS ITEMS, PLUMBING FIXTURES, LIGHT FIXTURES, AND MECHANICAL EQUIPMENT. ALL OTHER ITEMS SHALL BE DISPOSED OF BY
- CONTRACTOR.

 2. PATCH AND REPAIR FLOOR, WALL, AND CEILING PENETRATIONS WHERE ITEMS HAVE BEEN REMOVED TO MATCH EXISTING FINISH. SEAL RATED ASSEMBLIES WITH
- APPROVED U.L. RATED MATERIALS.

 3. PROTECT ADJACENT ITEMS THAT ARE TO REMAIN INCLUDING, BUT NOT LIMITED TO, FINISHES, CASEWORK, FURNITURE, DOORS, PLUMBING FIXTURES, CEILING
- ASSEMBLIES, AND MECHANICAL EQUIPMENT.

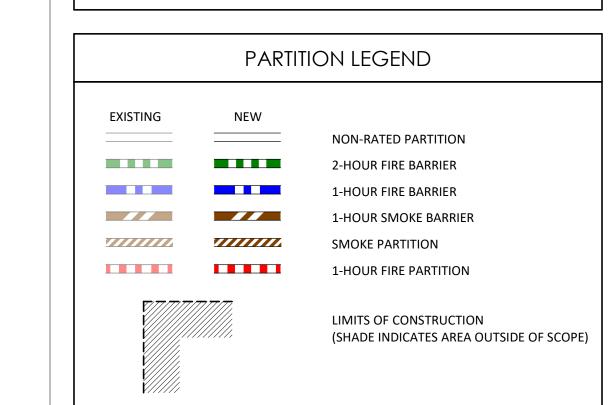
 4. PROTECT STRUCTURAL COLUMNS, BEAMS, AND FRAMING. MAINTAIN SPRAYED ON FIREPROOFING RATING AT STRUCTURAL MEMBERS. DAMAGE TO FIREPROOFING SHALL BE PATCHED AND/OR REPLACED TO BRING TO ORIGINAL AND/OR REQUIRED
- PROTECTION RATING.

 5. REMOVE EXISTING FLOOR FINISHES AND PREPARE EXISTING SLAB FOR NEW FINISH INSTALLATION, U.N.O.

REFLECTED CEILING LEGEND EXISTING 2 X 2 ACOUSTICAL CEILING GRID +--SYSTEM 2 X 4 ACOUSTICAL CEILING GRID -----SYSTEM otho otho **GYPSUM BOARD** RECESSED FLUORESCENT / LED L====3 FIXTURE SURFACE MOUNT 6,79 FLUORESCENT / LED FIXTURE FLUORESCENT / LED -STRIP LIGHT STRIP LIGHT 0 0 0 LINEAR PENDENT LIGHT PENDENT LIGHT RECESSED DOWNLIGHT **EMERGENCY EXIT** SIGN SPEAKER SMOKE DETECTOR **UNDER CABINET** LINEAR WALL LIGHT $\vdash \bigcirc$ WALL SCONCE ACCESS PANEL (DIMENSIONED ON

RETURN AIR GRILLE

EXHAUST GRILLE



KEYNOTE LEGEND

KEY NOTE



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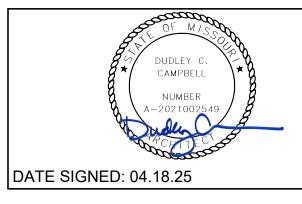
6900 East Camelback Road

Suite 500 Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

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OMPENSATION TO DEVENNEY GROUP LTD.

ADMINISTRATION RELOCATION

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AGENCY APPROVALS:

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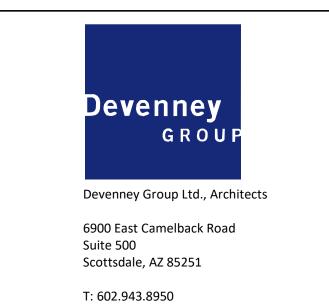
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DEMOLITION RCP - LEVEL 1

AD171

NO CHANGE IN OCCUPANTS, THEREFORE NO CHANGE IN PARKING CALCS.



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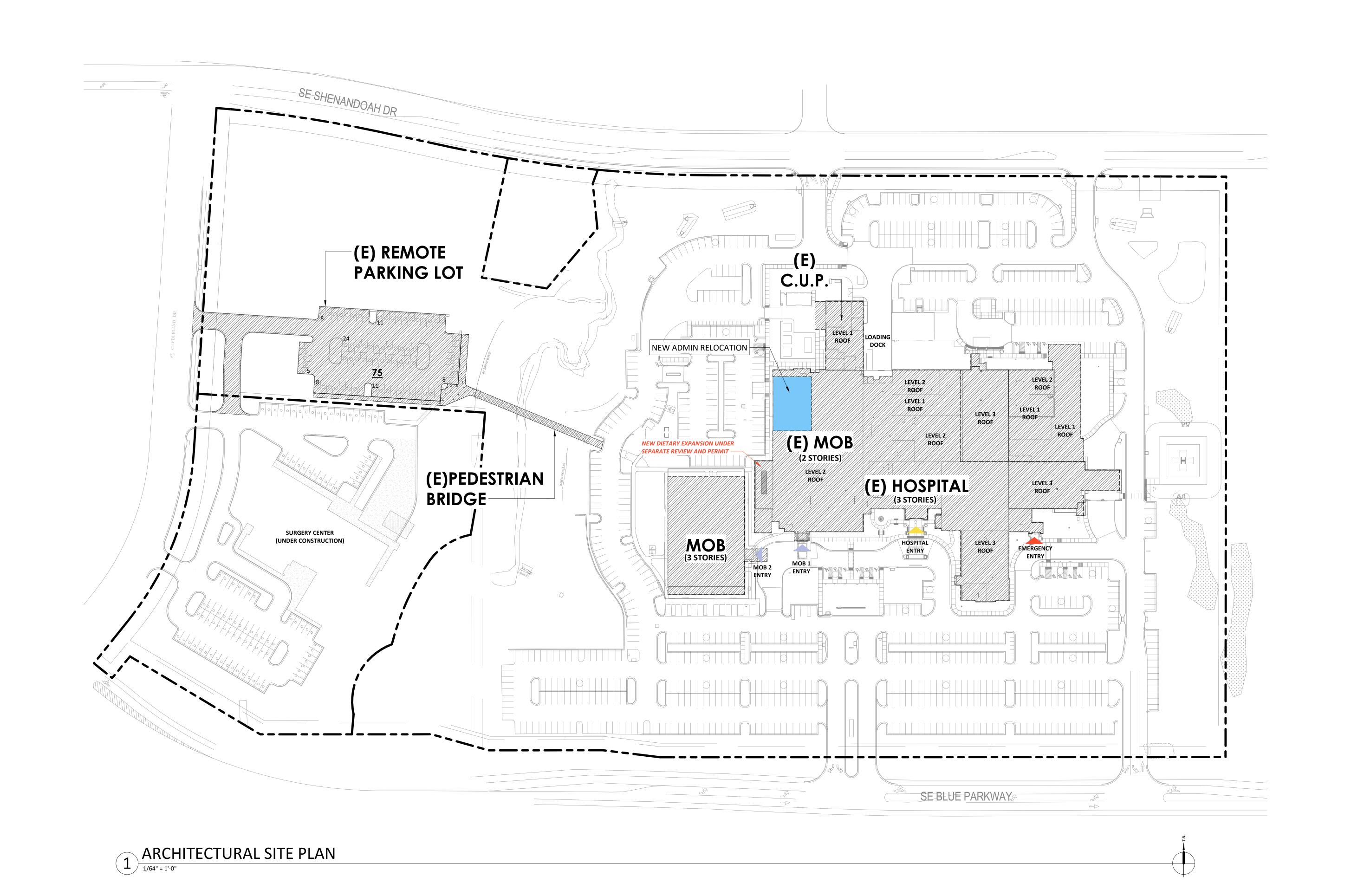
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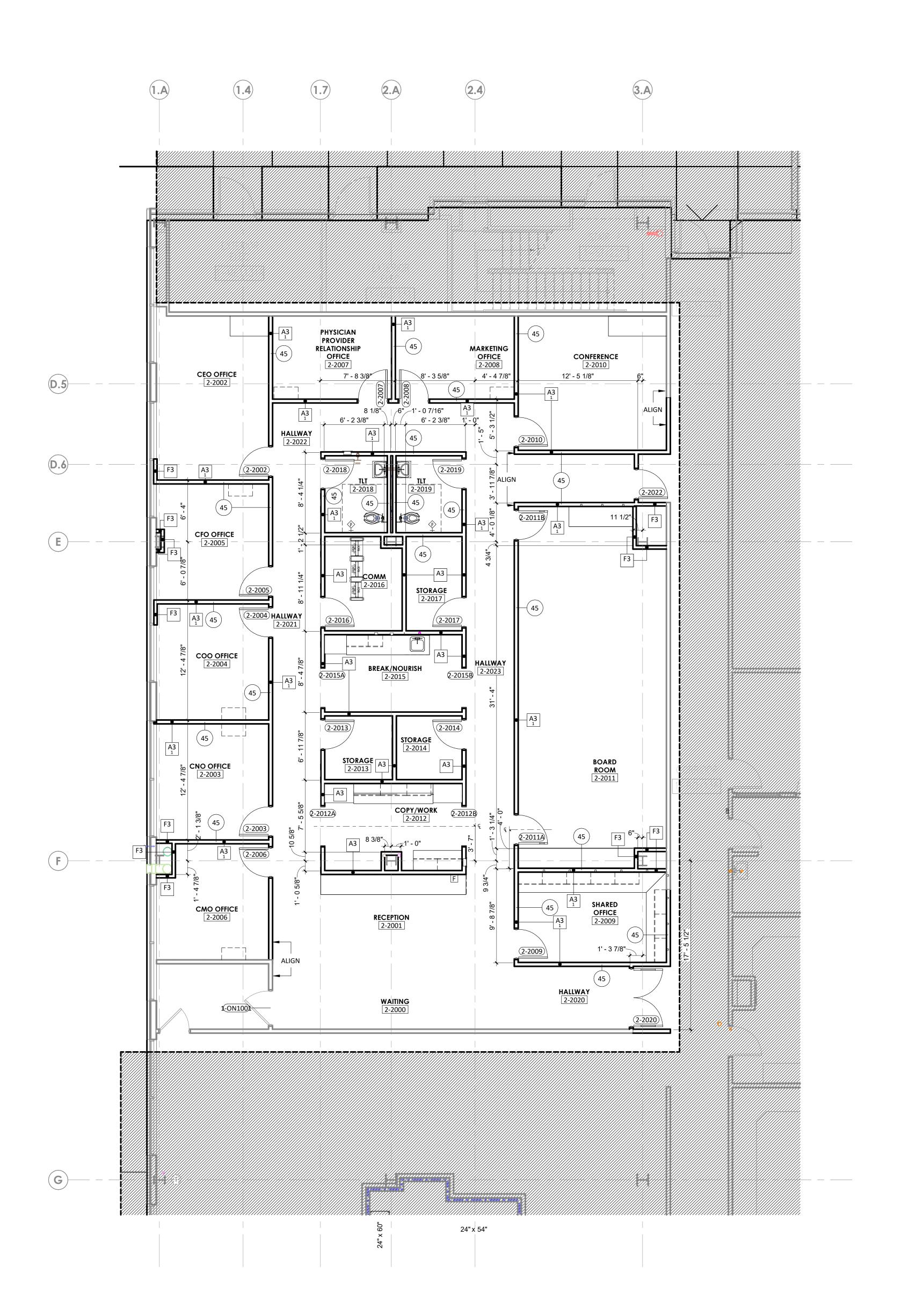
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ARCHITECTURAL SITE PLAN

1/64" = 1'-0"

AS001





DIMENSION PLANS 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 OR SCOPE PROVIDED BY
- WHERE NEW PARTITIONS ABUT EXISTING PARTITIONS, BUILD NEW PARTITION TIGHT TO FACE OF EXISTING PARTITION U.N.O.

PARTITION LEGEND

EXISTING

NON-RATED PARTITION 2-HOUR FIRE BARRIER 1-HOUR FIRE BARRIER 1-HOUR SMOKE BARRIER 1-HOUR FIRE PARTITION

LIMITS OF CONSTRUCTION (SHADE INDICATES AREA OUTSIDE OF SCOPE)

KEYNOTE LEGEND

STC PARTITION RATINGS (##)

DESIGN CRITERIA FOR MIN. SOUND ISOLATION PERFORMANCE BETWEEN ENCLOSED ROOMS¹ PUBLIC SPACE

ADJACENT ROOM

REFER TO SPECIFICATIONS FOR GYP BD REQUIREMENTS AT STC >40 CONDITIONS.

- THE STC VALUES STATED ASSUME THE NEED FOR NORMAL SPEECH PRIVACY AS PER FGI 2018 TABLE 1.2-7 - EXCEPT AT CORRIDOR WALLS WITH DOORS - ASSUMING A BACKGROUND SOUND LEVEL OF AT LEAST 30DBA. WHEN SELECTING ASSEMBLIES BASED ON THEIR TESTED OR PUBLISHED STC RATINGS, IT SHOULD BE NOTED THAT LABORATORY STC TEST REPORTS CAN, IN GENERAL, BE CONSIDERED ACCURATE TO +/- 2 STC POINTS. CONSEQUENTLY, AN ASSEMBLY WITH A TESTED OR PUBLISHED STC RATING AS LOW AS 2 POINTS BELOW THE STATED MINIMUM MAY BE CONSIDERED
- STC 45 RATING AT OFFICE PROVIDED FOR CONVENIENCE, NOT CODE REQUIRED. THIS IS THE PERFORMANCE REQUIRED FOR THE WALL AROUND THE DOOR. NOTE THAT SOUND ISOLATION IN THESE INSTANCES WILL BE LIMITED BY THE DOORS PERFORMANCE (E.G., STC 20 FOR A CLOSE-FITTED 5-PSF DOOR). IT IS UP TO THE FACILITY TO DETERMINE IF DOORS REQUIRE A HIGHER ACOUSTIC PERFORMANCE OR IF FULL PERIMETER GASKETING AND BOTTOM SEALS SHOULD BE REQUIRED. DOORS ARE NOT REQUIRED TO BE SOUND SEALED TO MAINTAIN THE STC RATING, ALTHOUGH A FACILITY MAY CHOOSE TO DO SO FOR SPECIALTY PATIENT ENVIRONMENTS SUCH AS BEREAVEMENT ROOMS, CONSULTATION ROOMS, SLEEP
- THERAPY ROOMS, ETC. RELAXATION OF STC 60 RATINGS SHALL BE PERMITTED IF COMPLIANCE WITH ROOM NOISE REQUIREMENTS IS ACHIEVED WITH LOWER PERFORMANCE CONSTRUCTIONS SEE FGI 2018 TABLE 1.2-5
- . ELECTRONIC MASKING SHALL PROVIDE A MAXIMUM BACKGROUND LEVEL OF 48 DBA

STC GENERAL NOTES

- NOT ALL ADJANCIIES LISTED IN STC PARTITION RATINGS LEGEND MAY OCCUR IN THIS
- . IN PARTITIONS WITH AND STC RATING OF 44 OR GREATER PROVIDE ACOUSTICAL PUTTY PADS AT ELECTRICAL ROUGH-IN BOXES THAT ARE BACK-TO-BACK CONFIGURATOIN OR WHERE ELECTRICAL BOX SEPARATION DISTANCES IS LESS THAN
- PENETRATIONS TRHOUGH FULL HEIGHT STC PARTITIONS SHOULD BE CENTERED IN OPENING AND SEALED AIRTIGHT.
- CALBE TRAY PENTRATIONS IN STC PARTITIONS SHOULD BE PACKED TIGHTLY WITH HEAVY DENSITY PUTTY.

Devenney GROUF

Devenney Group Ltd., Architects

www.devenneygroup.com

6900 East Camelback Road Suite 500 Scottsdale, AZ 85251

T: 602.943.8950

Consultant:

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AGENCY APPROVALS:

AGENCY

REVISIONS DESCRIPTION

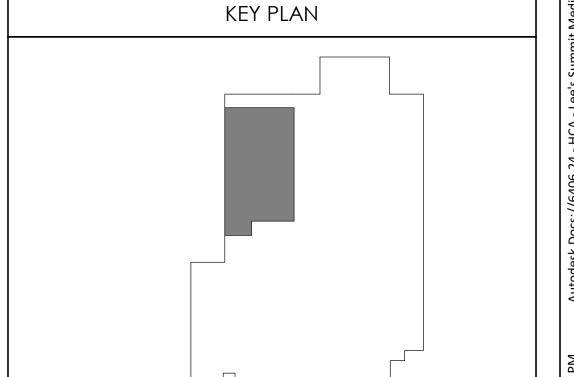
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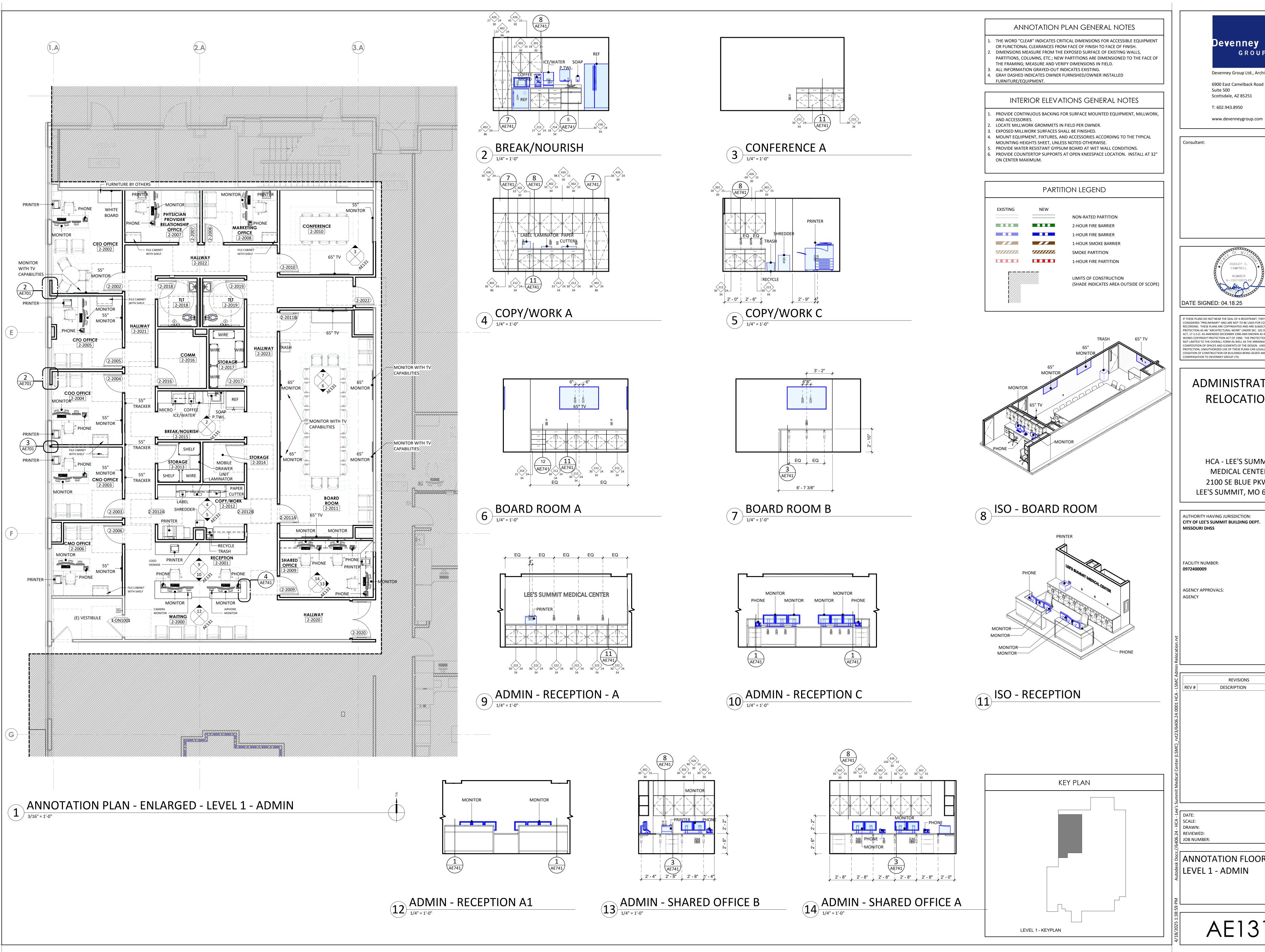
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DIMENSION FLOOR PLAN -LEVEL 1 - ADMIN

AE111



LEVEL 1 - KEYPLAN





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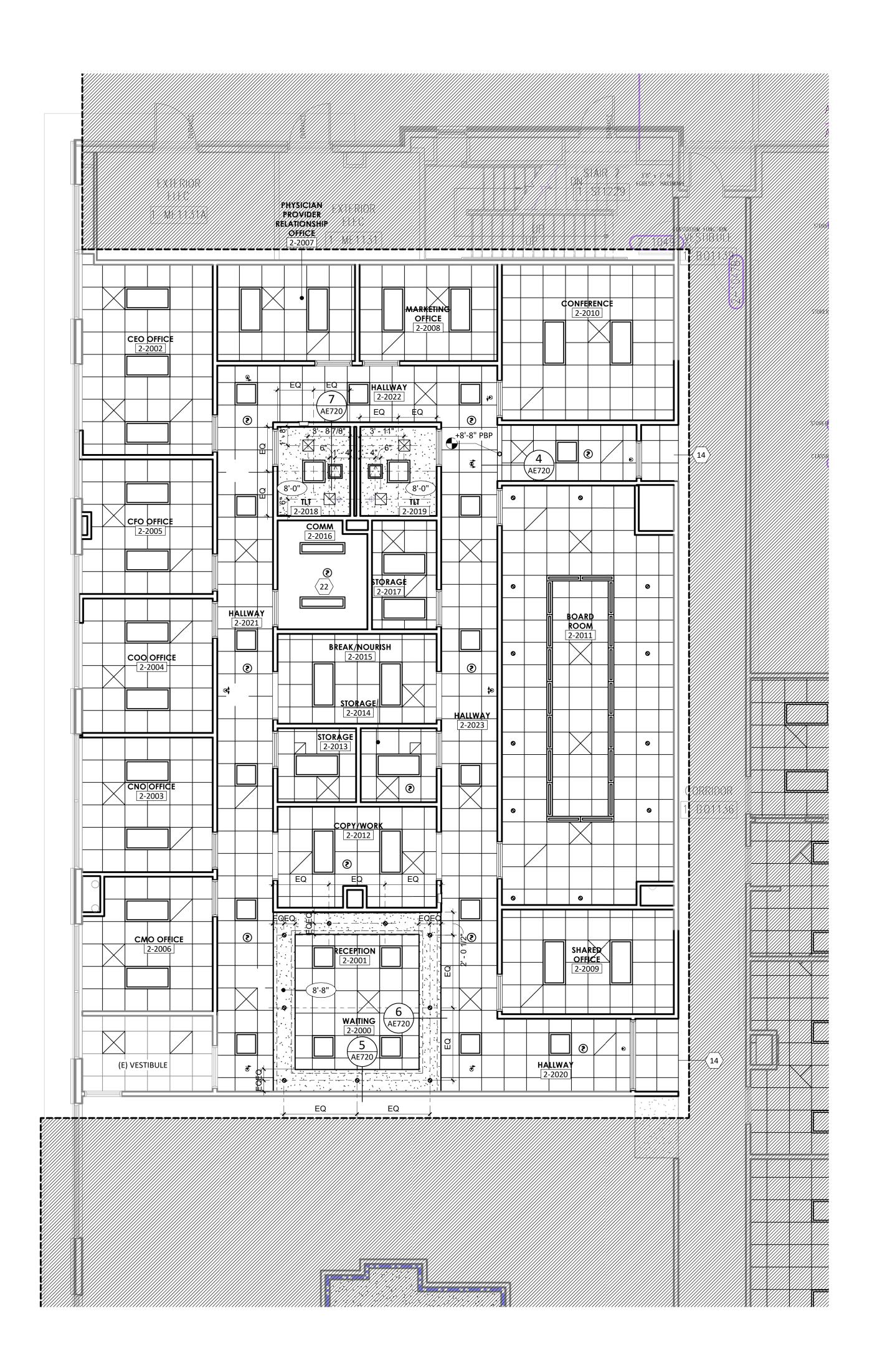
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JTHORITY HAVING JURISDICTION: CITY OF LEE'S SUMMIT BUILDING DEPT

REVISIONS DATE DESCRIPTION

As indicated

ANNOTATION FLOOR PLAN LEVEL 1 - ADMIN



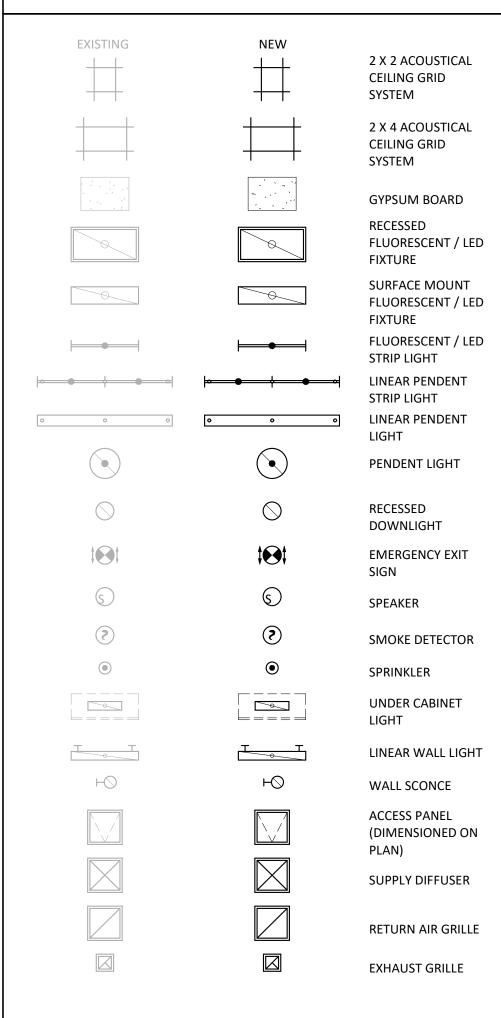
REFLECTED CEILING GENERAL NOTES

- 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
- 3. CENTER SPRINKLER HEADS, SPEAKERS, RECESSED LIGHTS, AND SMOKE OR THERMAL DETECTORS IN CEILING TILE UNLESS NOTED OTHERWISE.

 4. EYTEND SOEELT GYPSLIM BOARD TO 6" ABOVE FINISHED CEILING.
- EXTEND SOFFIT GYPSUM BOARD TO 6" ABOVE FINISHED CEILING.
 IF SPECIFIED HEIGHT OF FINISHED CEILING NEEDS TO BE LOWERED DUE TO CONDITIONS FOUND DURING CONSTRUCTION OR DEMOLITION, CONTACT ARCHITECT
- 6. PROVIDE ACCESS PANELS AS NECESSARY FOR VALVES AND DAMPERS IN GYPSUM
- BOARD CEILINGS.

 7. ALL SOFFIT FACES SHALL RECIEVE SAME PAINT COLOR. SEE PLAN FOR COLOR ASSIGNMENTS

REFLECTED CEILING LEGEND



PARTITION LEGEND

(SHADE INDICATES AREA OUTSIDE OF SCOPE)

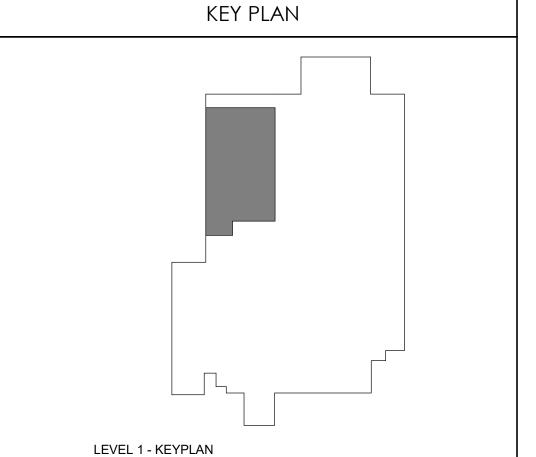
EXISTING	NEW	
		NON-RATED PARTITION
		2-HOUR FIRE BARRIER
		1-HOUR FIRE BARRIER
		1-HOUR SMOKE BARRIER
		SMOKE PARTITION
		1-HOUR FIRE PARTITION
V/77/77/77	7777	
<i>\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\</i>		LIMITS OF CONSTRUCTION

KEYNOTE LEGEND

14 EXTEND EXISTING HALLWAY CEILING INTO NEW ALCOVE ENTRANCE - MATCH EXISTING CONDITIONS

22 NO FINISH CEILING SYSTEM IN THIS ROOM.

KEY NOTE



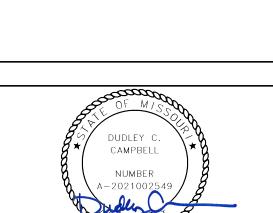


Devenney Group Ltd., Architects

6900 East Camelback Road Suite 500 Scottsdale, AZ 85251

T: 602.943.8950 www.devenneygroup.com

Consultant:



DATE SIGNED: 04.18.25

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ADMINISTRATION RELOCATION

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.

FACILITY NUMBER:

0972400009

MISSOURI DHSS

AGENCY APPROVALS:

AGENCY

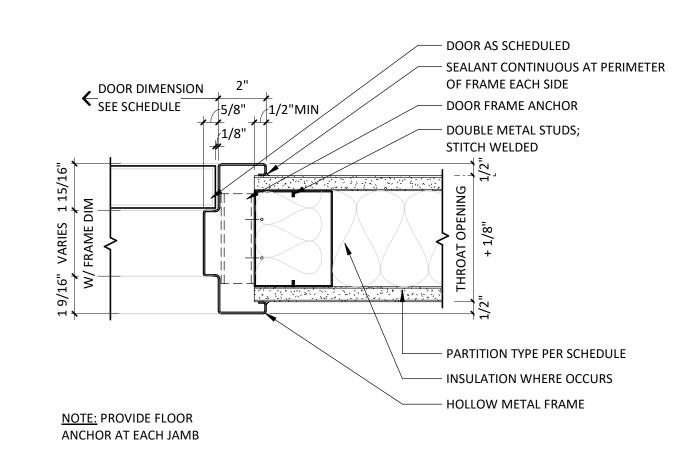
REVISIONS
REV # DESCRIPTION DATE

| S | DATE: 04/18/2025 | SCALE: 3/16" = 1'-0" | DRAWN: JV | REVIEWED: MM/DP

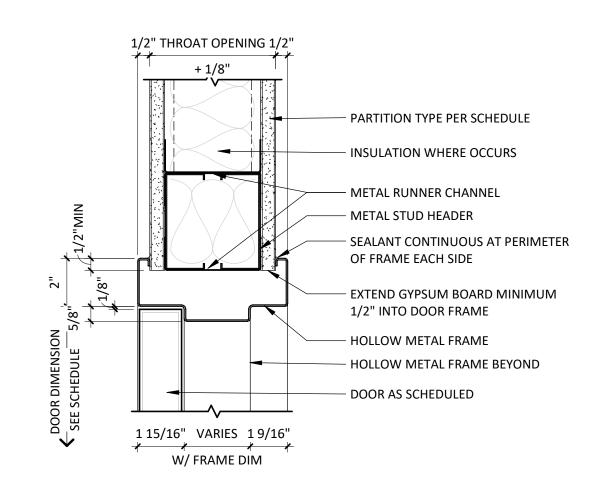
REFLECTED CEILING PLAN LEVEL 1 - ADMIN

		DOOR SCHEDULE		
DOOR MATERIAL	DOOR GLAZING	FRAME MATERIAL	FRAME GLAZING	REMARKS
WD - SOLID CORE WOOD	T - TEMPERED	HM - HOLLOW METAL	T - TEMPERED	1 - CARD READER
WDPL - PLASTIC LAMINATE WOOD	L - LAMINATED	AL - ALUMINUM	L - LAMINATED	
WDIR - IMPACT RESISTANT WOOD	FR - FIRE RESISTIVE	STL - STEEL	FR - FIRE RESISTIVE	
HM - HOLLOW METAL	FP - FIRE PROTECTIVE	EX - EXISTING	FP - FIRE PROTECTIVE	
AL - ALUMINUM	SP - SPANDREL		SP - SPANDREL	
STL - STEEL	IGU - INSULATED GLASS UNIT		IGU - INSULATED GLASS UNIT	
EX - EXISTING	B - BALLISTIC		B - BALLISTIC	

									שטט	R SCHEDUL	<u>. C</u>							
ID	WIDTH	HEIGHT		DOOR PANEL			FRAME		SID	ELITE		DET	AILS		RATING	HARDWARE	REMARKS	CURRENT REVISION
	WIDIN	пыон	MATERIAL	ELEV.	GLAZING	MATERIAL	ELEV.	GLAZING	WIDTH	SILL HEIGHT	HEAD	JAMB	SILL	SIDELITE	FIRE	HANDWANL	RLIVIARRS	CORRENT REVISION
EVEL 1																		
1-ON1001	3'-6"	7'-0"		Α			1									009A-EX	1	
2-2002	3'-0"	7'-0"	WDPL	Α		НМ	1				1/AE601	2/AE601				003A		
2-2003	3'-0"	7'-0"	WDPL	Α		НМ	1				1/AE601	2/AE601				003A		
2-2004	3'-0"	7'-0"	WDPL	Α		НМ	1				1/AE601	2/AE601				003A		
2-2005	3'-0"	7'-0"	WDPL	Α		НМ	1				1/AE601	2/AE601				003A		
2-2006	3'-0"	7'-0"	WDPL	Α		НМ	1				1/AE601	2/AE601				003A		
2-2007	3'-0"	7'-0"	WDPL	Α		НМ	1				1/AE601	2/AE601				003A		
2-2008	3'-0"	7'-0"	WDPL	Α		НМ	1				1/AE601	2/AE601				003A		
2-2009	3'-0"	7'-0"	WDPL	Α		НМ	1				1/AE601	2/AE601				004A		
2-2010	3'-0"	7'-0"	WDPL	Α		НМ	1				1/AE601	2/AE601				004A		
2-2011A	3'-0"	7'-0"	WDPL/GL	С	Т	НМ	1				1/AE601	2/AE601				004A		
2-2011B	3'-0"	7'-0"	WDPL/GL	С	Т	НМ	1				1/AE601	2/AE601				004A		
2-2012A	4'-0"	7'-0"	-	-		НМ	1										CASED OPENING	
2-2012B	4'-0"	7'-0"	-	-		НМ	1										CASED OPENING	
2-2013	3'-0"	7'-0"	WDPL	Α		НМ	1				1/AE601	2/AE601				007C		
2-2014	3'-0"	7'-0"	WDPL	Α		НМ	1				1/AE601	2/AE601				007C		
2-2015A	4'-0"	7'-0"	-	-		НМ	1										CASED OPENING	
2-2015B	4'-0"	7'-0"	-	-		НМ	1										CASED OPENING	
2-2016	3'-0"	7'-0"	WDPL	Α		НМ	1				1/AE601	2/AE601				009A	1	
2-2017	3'-0"	7'-0"	WDPL	Α		НМ	1				1/AE601	2/AE601				007C		
2-2018	3'-0"	7'-0"	WDPL	Α		НМ	1				1/AE601	2/AE601				005A		
2-2019	3'-0"	7'-0"	WDPL	Α		НМ	1				1/AE601	2/AE601				005A		
2-2020	6'-0"	7'-0"	WDPL/GL	CC	Т	НМ	1		0"	0"	1/AE601	2/AE601				009E	1	
2-2022	3'-0"	7'-0"	WDPL	А		НМ	1				1/AE601	2/AE601				009A	1	



JAMB AT HOLLOW METAL FRAME 3" = 1'-0"



HEAD AT HOLLOW METAL FRAME

DOOR GENERAL NOTES

- . THE PURPOSE OF THIS SHEET IS TO DESCRIBE AND ILLUSTRATE DOOR TYPES. NOT ALL DOOR TYPES SHOWN ARE NECESSARILY USED. SEE DOOR MARK SCHEDULE FOR DOOR TYPES USED.
- FIRE DOORS AND FRAMES SHALL HAVE AN APPROVED LABEL OR LISTING MARK INDICATING THE FIRE PROTECTION RATING WHICH IS PERMANENTLY AFFIXED AT THE
- FACTORY WHERE FABRICATION AND ASSEMBLY ARE DONE. SMOKE BARRIER DOORS INSTALLED ACROSS THE CORRIDORS AND EXIT ACCESS DOORS LOCATED AT ZONE BOUNDARIES SHALL BE EQUIPPED WITH APPROVED
- ALL SMOKE BARRIER DOORS LOCATED ON THE FLOOR OR IN THE AFFECTED ZONE SHALL COMPLY WITH CURRENT APPLICABLE CODES AND SHALL BE AUTOMATIC CLOSING UPON ACTIVATION OF THE FIRE ALARM OR FIRE SPRINKLER SYSTEM. ALL DOORS IN SMOKE BARRIERS AND OPENING INTO RATED EXIT WAYS SHALL BEAR AN APPROVED LABEL DISPLAYING THE LETTER "S" PER CURRENT APPLICABLE CODES.
- FIRE ASSEMBLIES REQUIRED TO HAVE 1 ½ HOURS, 1 HOUR OR ¾ HOUR FIRE PROTECTION RATING SHALL BE EITHER AUTOMATIC OR SELF CLOSING FIRE ASSEMBLIES. AUTOMATIC CLOSING FIRE ASSEMBLIES TO BE ACTIVATED BY AN INCREASE IN TEMPERATURE SHALL HAVE HEAT-ACTUATING DEVICES INSTALLED ON EACH SIDE OF THE WALL AT THE CEILING HEIGHT WHERE THE CEILING IS MORE THAN 3 FEET ABOVE THE TOP OF THE OPENING OR BY A SINGLE FUSIBLE LINK IN THE OPENING INCORPORATED IN THE CLOSING DEVICE.
- GLASS: A. INTERIOR DOORS:
- 1. NON-RATED DOORS SHALL HAVE ¼" CLEAR TEMPERED GLASS.
- ALL RATED DOORS SEE SPECIFICATIONS. 3. LEAD LINED DOORS SHALL HAVE LEAD GLASS.
- GLAZING IN THE FOLLOWING LISTED AREAS SHALL BE DEEMED TO BE LOCATED IN HAZARDOUS LOCATIONS AND SUBJECT TO HUMAN IMPACT:
- INGRESS AND EGRESS DOORS. 2. FIXED PANELS IN SWINGING DOORS.
- 3. ALL GLAZING WITHIN 18" OF THE FLOOR AND WITHIN 12" OF A DOOR SHALL BE TEMPERED.
- EACH LITE OF THE GLAZING SHALL BEAR THE MANUFACTURER'S LABEL DESIGNATING THE TYPE AND THICKNESS OF GLASS. WHEN APPROVED BY THE AGENCY, LABELS MAY BE OMITTED FROM OTHER THAN GLAZING MATERIALS, PROVIDED AN AFFIDAVIT IS FURNISHED BY THE GLAZING CONTRACTOR CERTIFYING THAT EACH LIGHT IS GLAZED IN ACCORDANCE WITH APPROVED PLANS AND SPECIFICATIONS. IDENTIFICATION OF GLAZING IN HAZARDOUS LOCATIONS AND SUBJECT TO HUMAN IMPACT SHALL BE ETCHED OR CERAMIC FIRED ON THE GLASS AND READABLE FROM
- THE INSIDE OF THE BUILDING AFTER INSTALLATION. 10. EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR
- ANY SPECIAL KNOWLEDGE OR EFFORT. 11. PANIC HARDWARE SHALL COMPLY WITH THE REQUIREMENTS OF CURRENT APPLICABLE CODES. THE ACTIVATING MEMBER SHALL BE MOUNTED AT A HEIGHT OF NOT LESS THAN 30 INCHES NOR MORE THAN 44 INCHES ABOVE THE FLOOR. THE UNLATCHING FORCE SHALL NOT EXCEED 15 POUNDS WHEN APPLIED IN THE
- DIRECTION OF TRAVEL. 12. DOOR ASSEMBLIES, APPROACHES AND FINISH HARDWARE SHALL BE IN COMPLIANCE WITH ACCESSIBILITY STANDARDS.
- 13. THE MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED THE FOLLOWING:
- A. EXTERIOR DOORS 5.0 POUNDS B. INTERIOR DOORS 5.0 POUNDS
- C. FIRE DOORS 15.0 POUNDS 14. WATER CLOSET ROOMS SHALL BE SEPARATED FROM FOOD PREPARATION AND
- STORAGE AREAS WITH TIGHT FITTING DOORS. 15. DOOR OPENING LOCATIONS: A. IMMEDIATELY (5") ADJACENT TO A FLANKING WALL UNLESS NOTED OTHERWISE
- B. AT THE CENTERLINE OF THE ROOM, UNLESS NOTED OTHERWISE C. CENTERED ON A GRID DOOR OPENINGS IN OTHER LOCATIONS ARE LOCATED BY
- DIMENSIONS 16. SEE SPECIFICATIONS FOR HARDWARE SCHEDULE
- 17. ALL DOOR FRAMES ARE WELDED FRAMES, UNLESS NOTED OTHERWISE. 18. FINISH FLOOR TRANSITIONS OCCUR AT CENTERLINE OF DOORS, UNLESS NOTED
- 19. ALL INTERIOR DOORS WITH FIRE RATINGS GREATER THAN 20 MINUTE SHALL HAVE A NON-COMBUSTIBLE SILL WITH AN UNDERCUT OF 3/8" MAXIMUM ABOVE THE SILL.

20. WEIGHT OF LEAD-LINED DOORS, LEAD STRIPS IN DOOR FRAMES AND LEAD GLAZING WHERE OCCURS SHALL MATCH WEIGHT OF LEAD IN ADJACENT PARTITION, UNLESS

- NOTED OTHERWISE. LEAD LINING SHALL BE INSTALLED SUCH THAT SHIELDING IS CONTINUOUS IN INSTALLED DOORWAY.
- 21. ALL EXTERIOR DOORS SHALL HAVE METAL THRESHOLDS. SEE HARDWARE SCHEDULE. 22. WHERE DOOR HOLD-OPEN DEVICES OR DOOR STOPS OCCUR AT WALLS, PROVIDE
- BACKING PLATE PER BACKING PLATE SCHEDULE. 23. ALL SOLID CORE WOOD DOORS TO BE STAIN GRADE, UNLESS NOTED OTHERWISE (SEE
- DOOR SCHEDULE). 24. DOORS WITH AUTO DOOR OPENINGS SHALL MEET REQUIREMENTS IN CURRENT
- APPLICABLE CODES. 25. THRESHOLDS AT DOORWAYS AND TRANSITION STRIPS SHALL NOT EXCEED 1/2" IN HEIGHT. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES AT ACCESSIBLE DOORWAYS SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.

SEE SCHEDULE

DOUBLE FLUSH w/ NARROW

VISION GLASS

PANEL CC

"\ SEE SCHEDULE

STANDARD

SEE SCHEDULE

SINGLE

FLUSH

SINGLE FLUSH w/ NARROW

VISION GLASS

DOOR PANEL ELEVATIONS



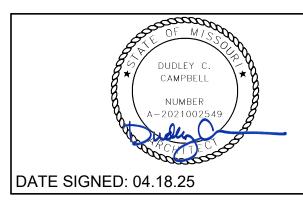
Devenney Group Ltd., Architects

6900 East Camelback Road

Suite 500 Scottsdale, AZ 85251

T: 602.943.8950 www.devenneygroup.com

Consultant:

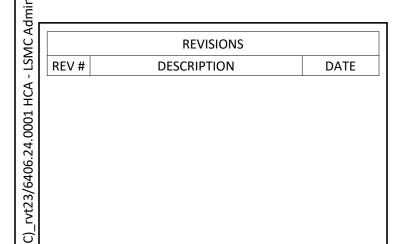


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RELOCATION

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: AGENCY



FRAME ELEVATIONS DATE:

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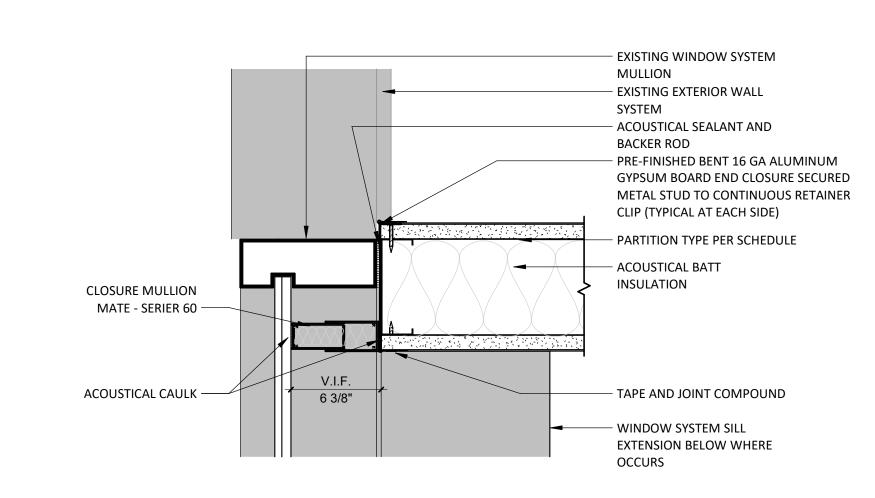
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DOOR SCHEDULES - LEVEL 1

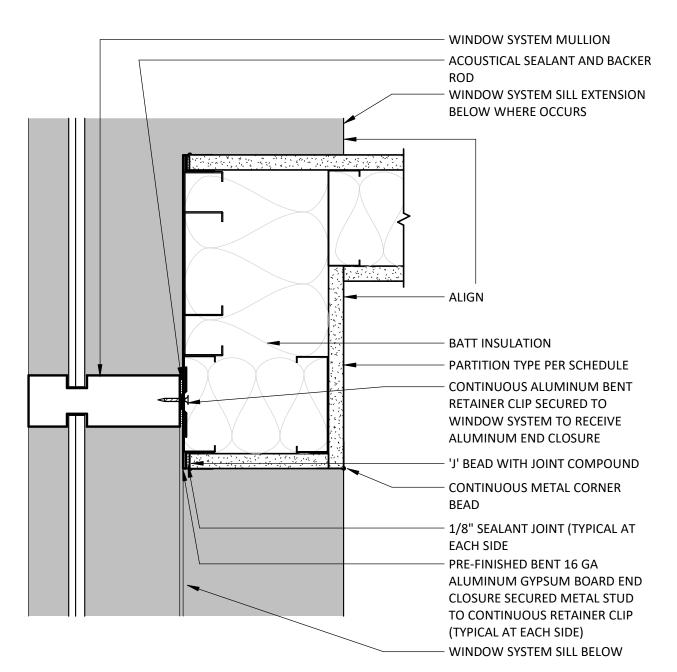
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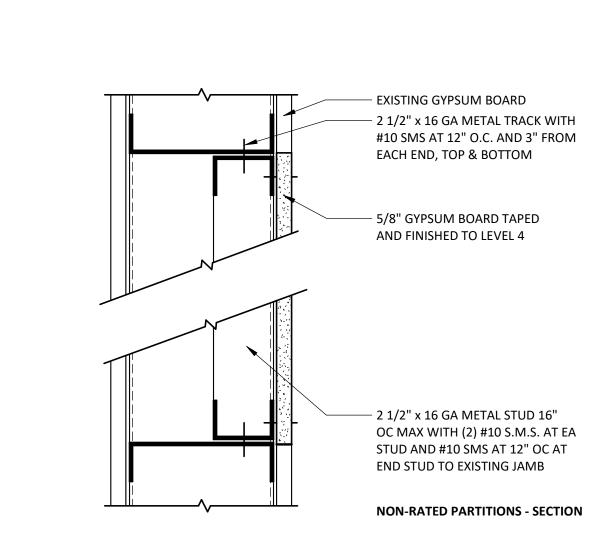
ADMIN



OFFSET PARTITION TERMINATION AT MULLION 3"= 1'-0"



OFFSET PARTITION TERMINATION AT MULLION 3" = 1'-0"



PARTITION OPENING INFILL NON-RATED

3" = 1'-0"



Devenney Group Ltd., Architects
6900 East Camelback Road

T: 602.943.8950 www.devenneygroup.com

Scottsdale, AZ 85251

Suite 500

Consultant:

DUDLEY C.
CAMPBELL
NUMBER
A-2021002549

DATE SIGNED: 04.18.25

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MISSOURI DHSS

FACILITY NUMBER: **0972400009**

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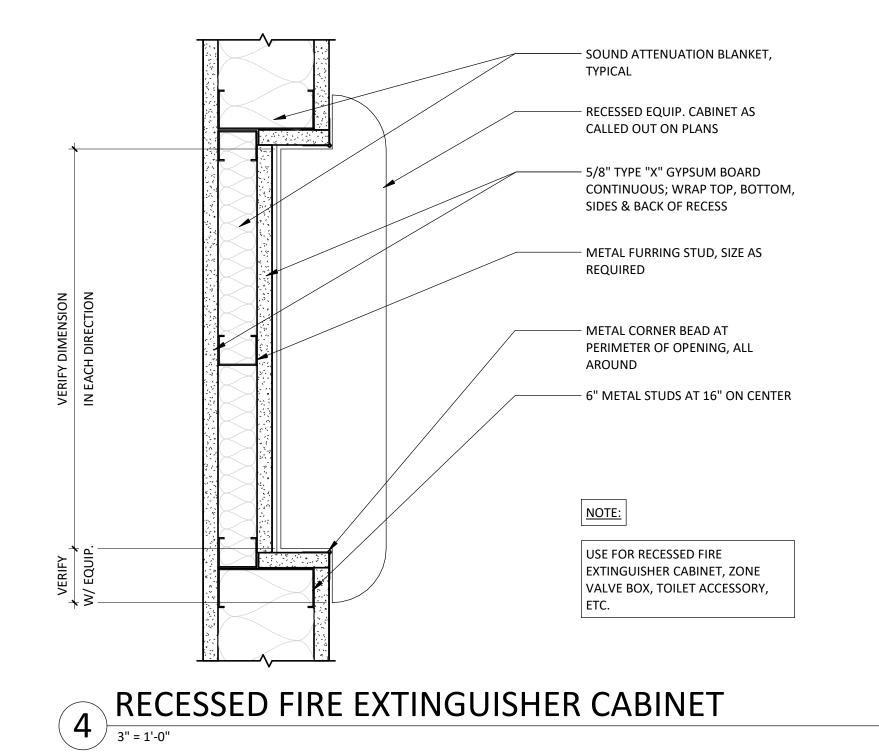
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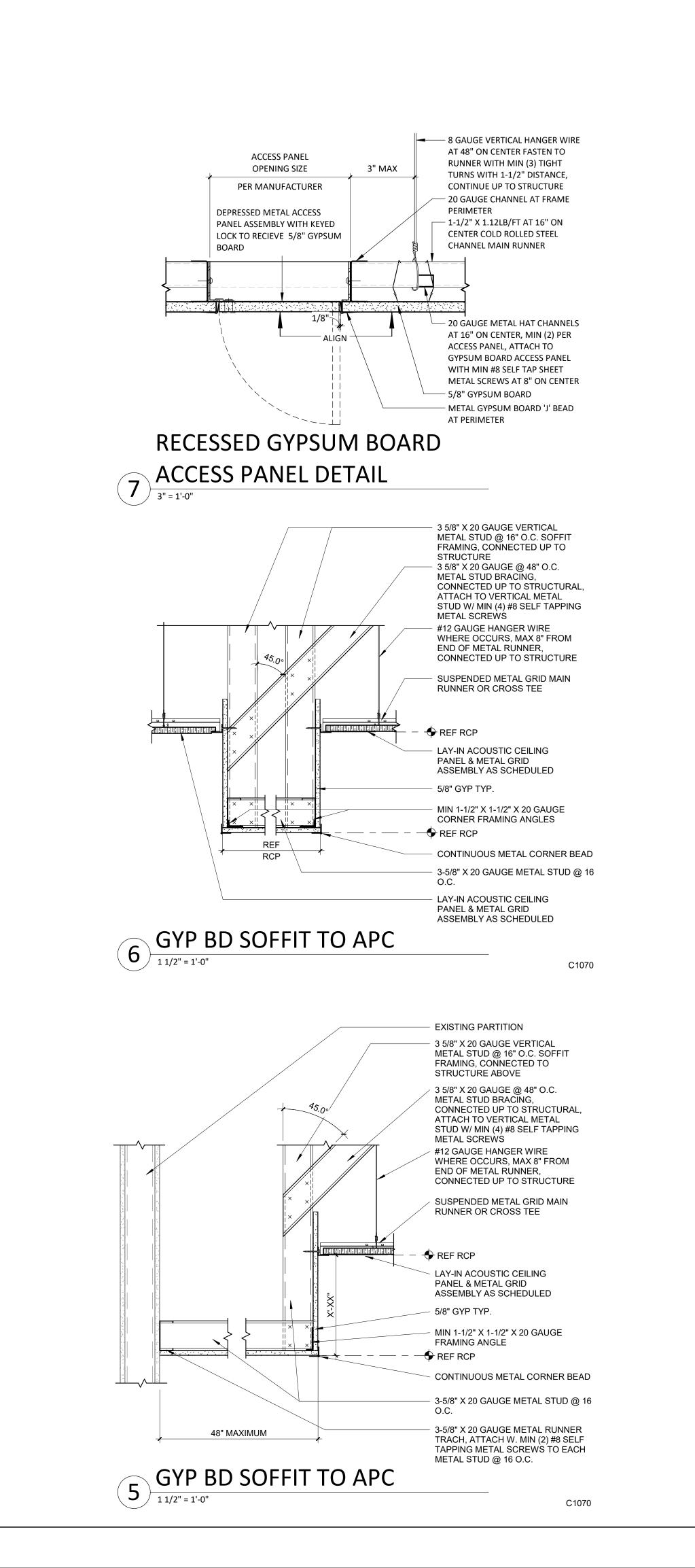
3" = 1'-0"

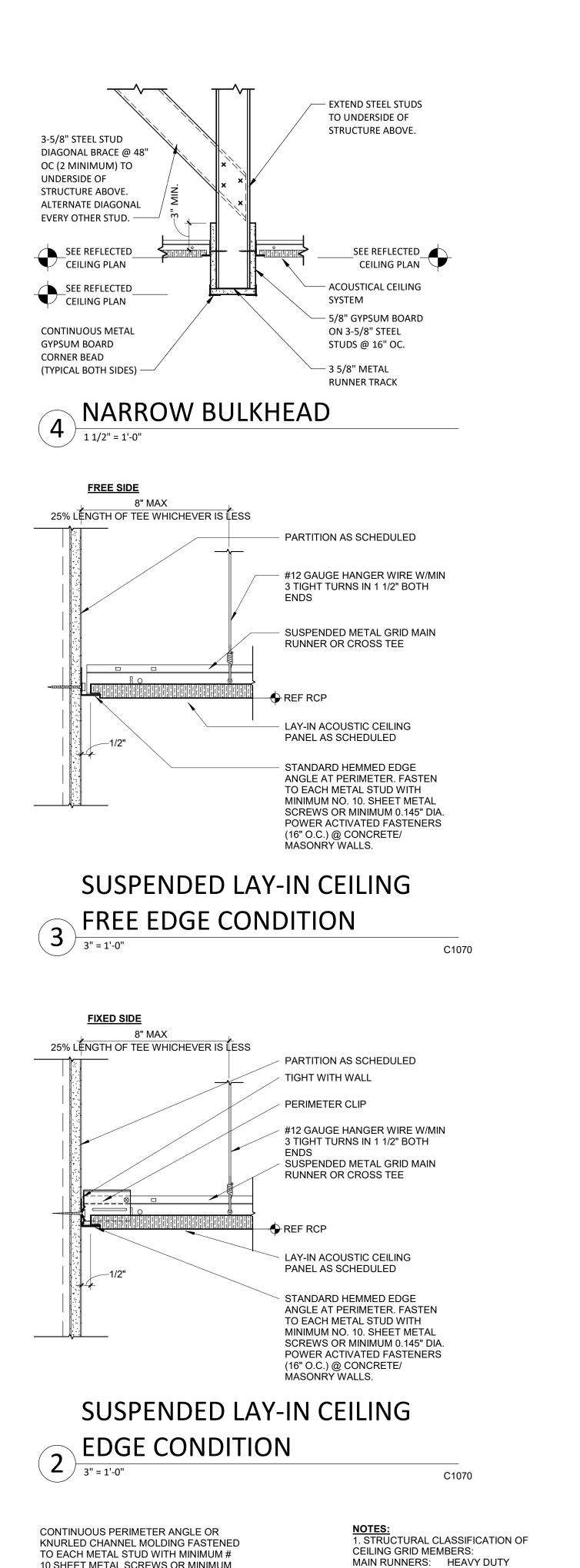
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INTERIOR DETAILS

9 JOB NUMBER:







CROSS-RUNNERS: HEAVY DUTY

UNLESS NOTED OTHERWISE

2. ALL CEILING SYSTEMS ARE TO BE

CENTERED IN DESIGNATED ROOMS

TYPICAL

PERIMETER WALL,

ACOUSTIC LAY-IN

- 12 GAUGE HANGER

HEAVY DUTY MAIN RUNNERS @ 48" O.C.

HEAVY DUTY CROSS

C1070

RUNNERS AT 24"

FREE SIDE

WIRE @ 48" O.C.

CEILING PANELS

10 SHEET METAL SCREWS OR MINIMUM

0.145" DIAMETER ACTUATED FASTENERS

CONCRETE/MASONRY WALLS (MINIMUM

2 AE720

3 AE720

1 APC-SUSPENDED CEILING

1/8" = 1'-0"

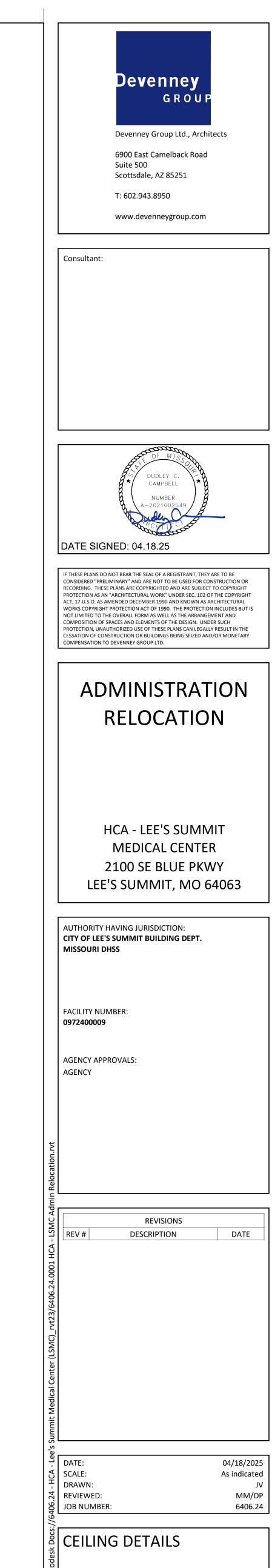
EQ EQUAL SPACING @ 48" O.C. EQ

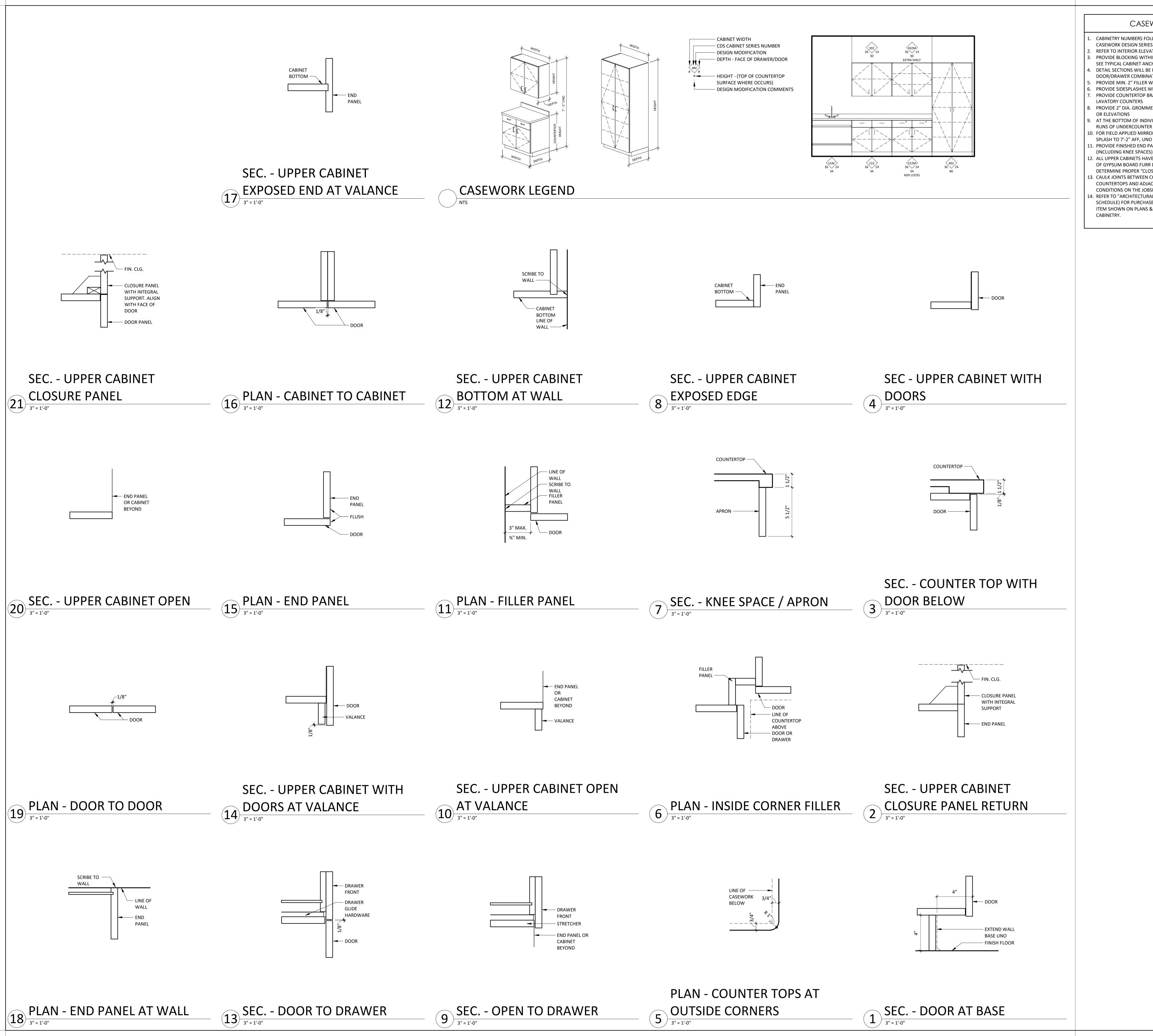
AT 16" ON CENTER AT

FIXED

SIDE -

1-1/4" EMBED) -





CASEWORK GENERAL NOTES

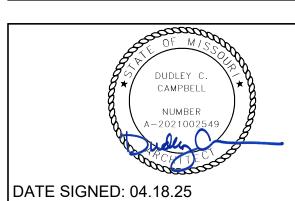
- CABINETRY NUMBERS FOLLOW THE NORTH AMERICAN WOODWORK STANDARDS -
- REFER TO INTERIOR ELEVATIONS FOR CABINETRY INFORMATION PROVIDE BLOCKING WITHIN PARTITION FOR ALL CABINETRY ATTACHED TO WALLS.
- SEE TYPICAL CABINET ANCHORAGE DETAIL FOR MORE INFORMATION. DETAIL SECTIONS WILL BE PROVIDED FOR SPECIALIZED CABINETS. NOT ALL DOOR/DRAWER COMBINATIONS WILL BE DETAILED.
- PROVIDE MIN. 2" FILLER WHERE CABINET ABUTS PARTITION AT SIDE UNO PROVIDE SIDESPLASHES WHERE COUNTERTOPS ABUT PARTITION AT SIDES - UNO PROVIDE COUNTERTOP BRACE SUPPORTS AT 32" OC MAX @ KNEE SPACES &
- LAVATORY COUNTERS PROVIDE 2" DIA. GROMMETS AT BACK OF COUNTERTOPS WHERE SHOWN ON PLANS
- OR ELEVATIONS AT THE BOTTOM OF INDIVIDUAL UPPER CABINET UNITS, ALLOW FOR CONTINUOUS RUNS OF UNDERCOUNTER LIGHTS - REFERENCE ELECTRICAL DRAWINGS
- LO. FOR FIELD APPLIED MIRRORS, EXTEND MIRRORS FROM THE TOP OF COUNTERTOP SPLASH TO 7'-2" AFF, UNO X WIDTH SHOWN
- 1. PROVIDE FINISHED END PANELS AND/OR END RETURNS AT OPEN ENDED CABINETRY
- (INCLUDING KNEE SPACES). 2. ALL UPPER CABINETS HAVE PLASTIC LAMINATE CLAD "FRONT PANELS" ABOVE IN LIEU
- OF GYPSUM BOARD FURR DOWNS -UNO VERIFY THE ROOM CEILING HEIGHT TO DETERMINE PROPER "CLOSURE PANEL" HEIGHT.
- CAULK JOINTS BETWEEN COUNTERTOPS AND BUILDING PARTITIONS AND BETWEEN COUNTERTOPS AND ADJACENT CASEWORK. COORDINATE COLOR OF CAULK TO CONDITIONS ON THE JOBSITE AND WITH THE ARCHITECT.
- 4. REFER TO "ARCHITECTURALLY SIGNIFICANT EQUIPMENT" (MEDICAL EQUIPMENT SCHEDULE) FOR PURCHASE & INSTALLATION RESPONSIBILITIES FOR EQUIPMENT ITEM SHOWN ON PLANS & ELEVATIONS. COORDINATE SIZE OF OPENINGS WITHIN



Devenney Group Ltd., Architects

6900 East Camelback Road Suite 500 Scottsdale, AZ 85251

T: 602.943.8950 www.devenneygroup.com



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

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REVISIONS DATE DESCRIPTION

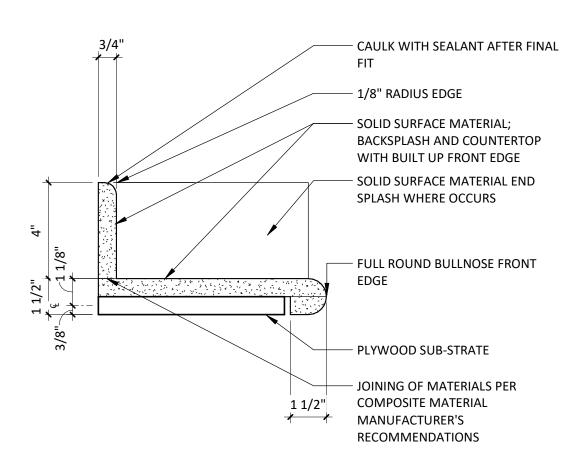
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CASEWORK DETAILS & LEGEND

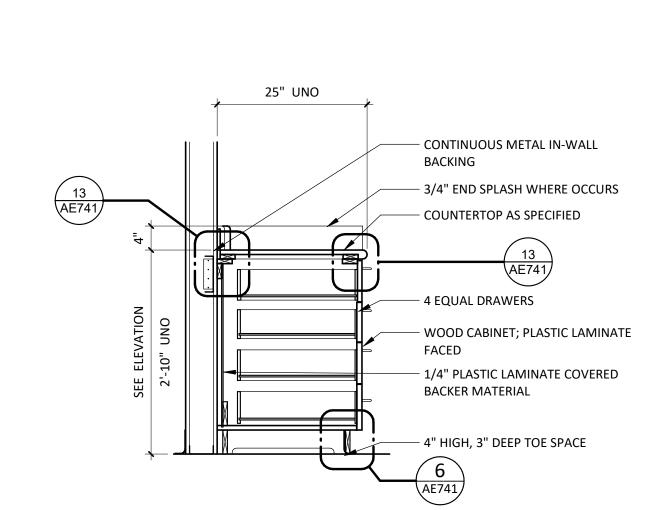
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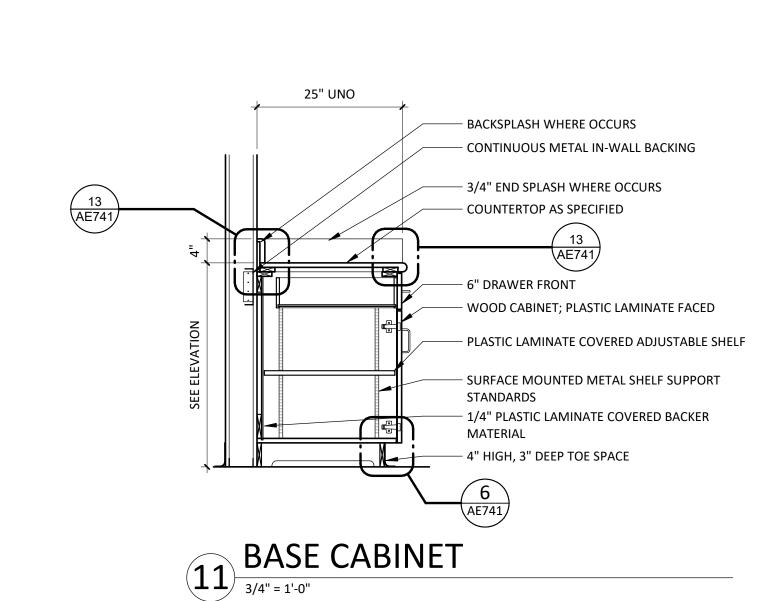
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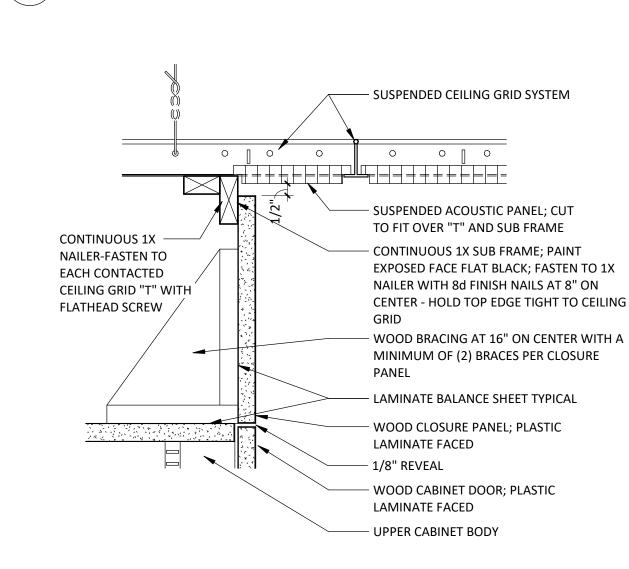


SOLID SURFACE COUNTERTOP 3" = 1'-0"

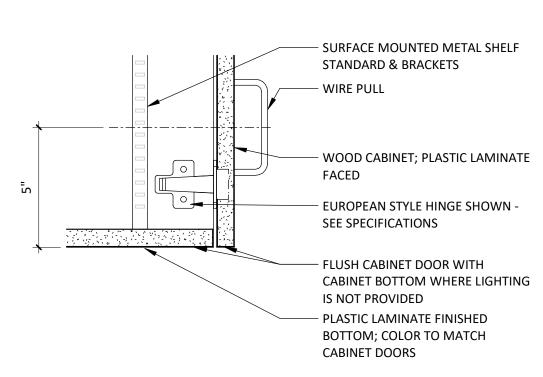


12 BASE CABINET (4 EQ.)

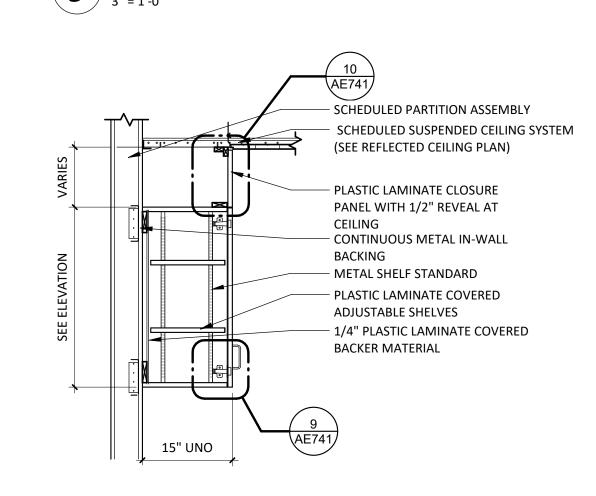




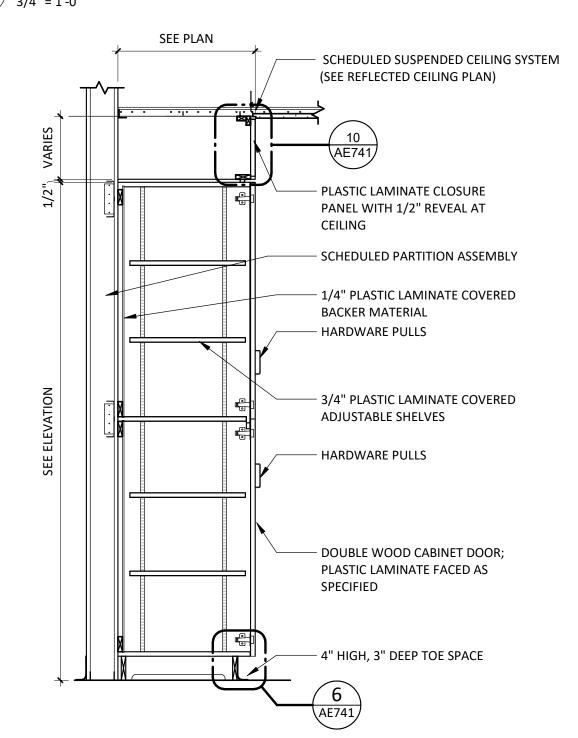




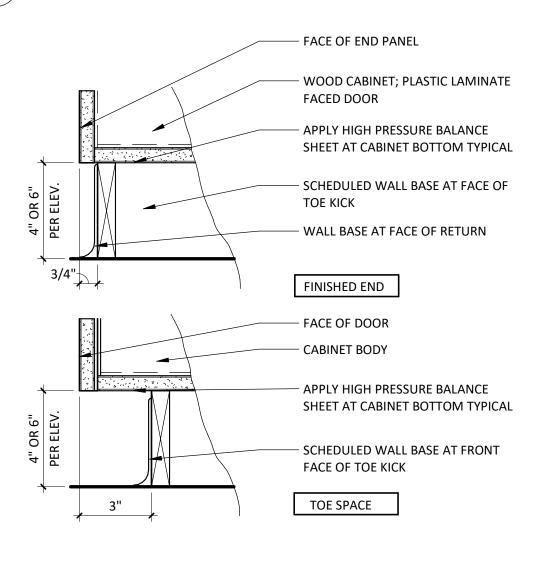
9 UPPER CABINET HARDWARE



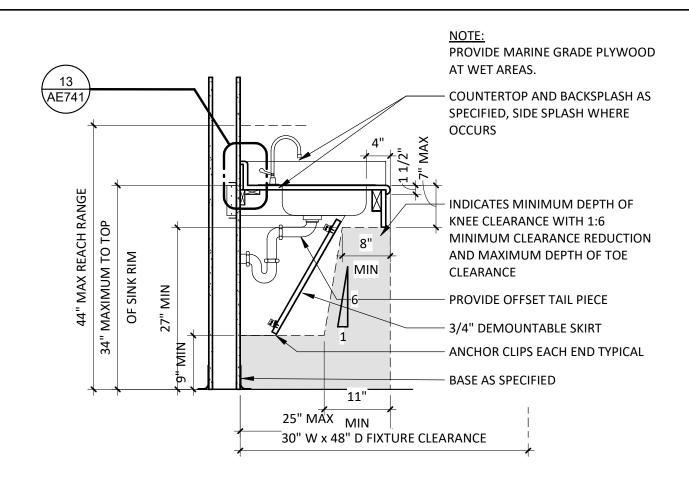




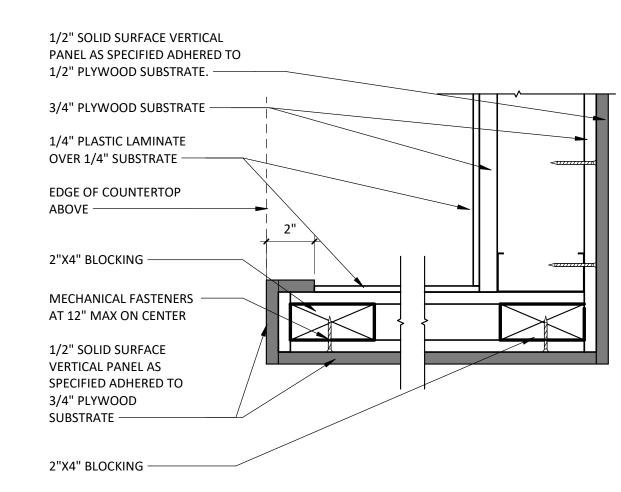
7 FULL HEIGHT CABINET 3/4" = 1'-0"



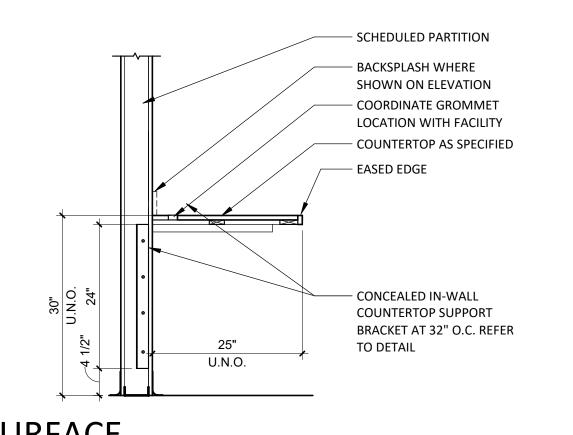




LAV W/ REMOVABLE PLUMBING SHIELD (NON-CAL) 3/4" = 1'-0"



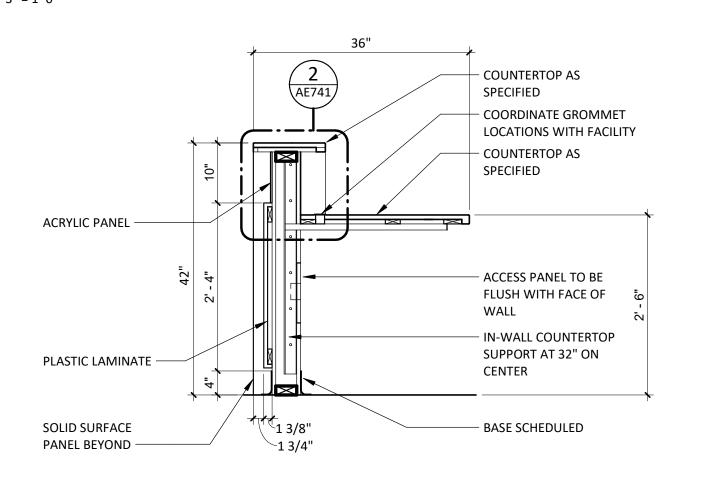
VERTICAL SOLID SURFACE END PANEL 3" = 1'-0"



WORK SURFACE 3/4" = 1'-0" - SOLID SURFACE MATERIAL FRONT EDGE EASED 1/8", BOTH SIDES - 3/4" PLYWOOD SUBSTRATE. **ENCAPSULATE ALL RAW** 1/4" THICK ACRYLIC PANEL. EXPOSED WOOD, PER 1 1/2" SPECIFICATIONS. REFER TO INTERIORS FINISH SCHEDULE. ADHERE DIRECTLY TO PLYWOOD SUBSTRATE FACE. METAL MILLWORK L-ANGLE TRIM (MWRL100), - PLASTIC LAMINATE TOP & BOTTOM EDGES. MITER AT OUTSIDE CORNER. 3/4" PLASTIC LAMINATE — 3/4" PLYWOOD PANEL ATTACHED WITH SUBSTRATE CONCEALED CLEATED FASTENING SYSTEM -

2 12" TRANSACTION TOP - ENLARGED

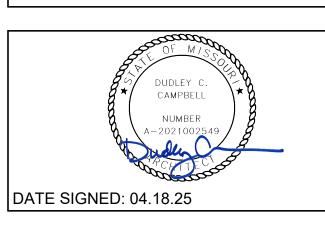
MILLWORK CLEAT -



RECEPTION - HIGH COUNTER 3/4" = 1'-0"



Consultant:



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ADMINISTRATION RELOCATION

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:
AGENCY

REVISIONS
REV # DESCRIPTION DATE

| DATE: 04/18/2025 | SCALE: As indicated DRAWN: JV | REVIEWED: MM/DP | JOB NUMBER: 6406.24

ĕ MILLWORK DETAILS

AE741

SCHEDULE: COUNTER SIZE DEPTH (H x L) T-EXTRUSION CAPACITY(LBS) RESISTANCE RATED TO 13" | 12" X 11" | 2" X 2" X .25" | **ASSEMBLIES SEAL** TO 18" | 12" X 14" | 2" X 2" X .25" | T-EXTRUSION PENETRATION TO 25" | 18" X 20" | 2" X 2" X .25" | 300 WITH FIRE TO 30" | 18" X 26" | 2" X 3" X .188" | SEALANT 300 WEIGHT CAPACITY IS BASED ON EVENLY DISTRIBUTED STATIC LOADS COUNTERTOP SUPPORT

METAL STUDS

NOTCHED FLUSH

MOUNT BACKING

CENTERLINE OF

APPLIANCE.

APPARATUS,

CABINET, OR

MILLWORK

SCHEDULED WALL MOUNTED FIXTURE

#10 SELF TAPPING, PAN

SEE ELEVATION 2'-4 1/2" MAX

C3X5 @ 4' - 0" OC MAX

SEE NOTE

1 1/2" Ø MAX

PENETRATION

(2) 3/8" Ø HILTI KB-

TZ WITH 2" EMBED

CONTINUOUS TRACK

BELOW BASE PLATE

PREFINISHED T-EXTRUSION

FIRE-RETARDANT-

TREATED WOOD BACKING TO BASE

OF PARTITION

METAL STUD

1/4" BOLT THRU

BACKING

EACH SIDE OF

C3X5 - TYP

18 GA MIN

— FLOOR SYSTEM

CENTERED WITHIN WALL,

3 5/8" 18GA STUD MIN W/

THEN 12" OC STAGGERED

(2) #10 SMS AT TOP,

16GA MIN TRACK TO MATCH

STUD DEPTH. SPLICE AS REQUIRED AT CENTERLINE

HEAD, SHEET METAL

SCREWS TYPICAL - 3

AT EACH STUD

NOTE: GC TO COORDINATE IN-WALL BACKING LOCATIONS WITH ALL WALL MOUNTED

EQUIPMENT INSTALLATION REQUIREMENTS.

CONTINUOUS METAL BACKING

1" = 1'-0"

(A) SECTION

3 1/2" 7/8" TYP

01 0 4 4 E

φ <u>*</u> <u>*</u> <u>*</u> <u>*</u> <u>*</u> <u>*</u> <u>*</u> *

´ 3/16" | _

1/2" BASE

NOTE:
WHERE COUNTER OCCURS C3X5 @ 2' - 8" OC MAX CENTERED
WITHIN WALL AND BETWEEN COUNTERTOP SUPPORT BRACKETS

CANTILEVERED PARTIAL

HEIGHT WALL WHERE

COUNTERTOP OCCURS

15 1" = 1'-0"

PLATE -

RAKKS IN-WALL

SUPPORT BRACKET

COUNTER

14 BRACKET

GAUGE - LOCATE AT

6" X 1 1/4" X 16

FINISH SELECTIONS AND GENERAL NOTES

	MATERIAL	CONTACTS				WAL	LS
Please contact the fo	ollowing representatives for sp	pecial pricing	CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
MANUFACTURER Armstrong Ceilings	TYPE OF FINISH Acoustical Ceiling Tile	NAME, EMAIL, PHONE # Hedda Metzler 717.209.2793 hhmetzler@armstrong.com HPG#6924	CWT1	Ceramic Wall Tile	Walls- General	Daltile	Pattern: Vivify Color: Spectra Blue VF03 Size: Mosaic 14-11/16" x 12-13/16",1/8" Thickness Grout: Laticrete, Spectralock Pro Premium Grout Color: Light Pewter Grout Joint: 1/8"
Bennu Enterprises	Signage	Tony Hatchell 615.226.4577 tony@bennusigns.com	EP1	Epoxy Paint	Walls- General	Sherwin Williams	Color: Drift of Mist SW9166 Formula/Finish: Low Gloss Water-Based Epoxy
Carnegie Fabrics	Acoustical Panel Fabric	Tim Butler 615.479.4950 tbutler@mainsolutionsllc.com	EP2 EP3	VOID Epoxy Paint	GYP Ceilings	Sherwin Williams	Color: SW7007 Ceiling Bright White Formula/Finish: Low Gloss Water-Based Epoxy
Daltile	Ceramic Tile	Abby Finnegan 615.519.9672 abby.finnegan@daltile.com	P1	Wall Paint	Walls- General	Sherwin Williams	Color: Drift of Mist SW9166 Formula/Finish: Latex Eggshell
Durasein	Solid Surface	Pam Dervarics 610.360.5825 pam.dervarics@durasein.com	P2	Wall Paint	Walls- Accent	Sherwin Williams	Color: Rain SW6219 Formula/Finish: Latex Eggshell
Emser Tile	Porcelain Tile	Randy Crowder randycrowder@emser.com	P3	Wall Paint	Walls- Accent	Sherwin Williams	Color: Delft SW9134 Formula/Finish: Latex Eggshell
Fry Reglet	Millwork	Nick Green 770.468.2599	P4	Soffit Paint	GYP Soffits- Accent	Sherwin Williams	Color: Riverway SW6222 Formula/Finish: Latex Eggshell
Grifform	Solid Surface Transition	nickgreen@fryreglet.com www.grifform.com	P5	Ceiling Paint	GYP Ceilings	Sherwin Williams	Color: Ceiling Bright White SW7007 Formula/Finish: Latex Eggshell
Ketchum Walton CO. Logistic Solutions	Acoustic Panel - Fabriktrak Floor Purchasing	Kay Reinhardt 312.550.2967 kreinhardt@ketchumandwalton.com Logistics Solutions LLC	P6	Metal Paint	Door Frames Inter. Metal Doors, Metal Door Lite, Laminate Door Lite	Williams	Color: Thunder Gray SW7645 Formula/Finish: Semi Gloss Alkyd Enamel Note: For INTERIOR doors ONLY, See architectural drawings and specifications for all exterior finishes.
	FI : /D	Customersvc@logisolutions.net 615.750.2014	P7	Detail Paint	Storage/	Sherwin	Color: SW6868 Real Red Formula/Finish: Latex Eggshell
Mannington	Flooring/Base	Terri Bailey 615.427.8980 hca@mannington.com HPG#5468	PWT1	Paint Porcelain Wall Tile	Supply Walls- Field	Williams Emser Tile	Pattern: Milestone Color: Moon Size: 12"x24"
MDC Wall Covering	Vinyl Wall Covering	Monica Fox 800.621.4006 mfox@mdcwall.com					Grout: Laticrete, Spectralock Pro Premium Grout Color: Light Pewter 90 Grout Joint: 1/8"
Schluter Systems	Metal Trim	Jack Leblanc 225.483.2758 Jack Leblanc@schluter.com	WC1	Porcelain Wall Tile	Board Rooms	MDC	Pattern: Rafter MRE1744 Color: Blue Cargo Type II
Shaw	Carpet	Ashley Hart 615.878.2293 ashley.hart@shawcontract.com HPG#500169				METAL	TRIM
Sherwin	Interior Paint	Andrew Flippin	CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
Williams	Decorative Mirror	Andrew.flippin@sherwin.com HPG#5893	SCH1	Tile Cove Piece	Walls- Tile	Schluter Systems	Dilex-AHK Finish: Brushed Nickel Anodized Aluminum
Uttermost Wilsonart	Plastic Laminate	www.uttermost.com Chris Fleming	SCH2	Tile Edge Trim	Walls- Tile	Schluter Systems	Jolly Aluminum Finish: Brushed Nickel Anodized Aluminum
		615.292.2188 fleminc2@wilsonart.com					
3form	Poly Resin	Jenna Harris 615.708.3126 jenna.harris@3-form.com	0005	ITEM	LOCATION	BAS	DESCRIPTION
		,	CODE		LOCATION	MANUFACT.	
	CEIL	INGS	RB1	Rubber Base	Walls- General	Mannington	Style: Optimum Edge TP rubber Height: 4"H, 1/8" thick Color: Mocha Adhesive: Manufacturer Recommended Notes: Coved and continuous rolls. Miter

DESCRIPTION

Square Lay-In with 15/16" Prelude XL Grid,

Ultima Healthzone High NRC 1445 Fine Texture 24"x24" Square Lay-In with 15/16" Prelude XL Grid,

RB2 Rubber

Base

Fine Fissured 1754 Medium Texture 24"x24"

Factory Painted White

Factory Painted White

See WALLS section for ceiling

NRC: 0.80, CAC: 35

NRC: 0.75, CAC:35

CODE ITEM TYPE/ LOCATION MANUFACT.

Staff Areas

Areas

Plans

Plans

See Finish

ACT1 Acoustical General,
Ceiling Tile General House,

ACT2 Acoustical Upgraded Public or Patient

EXP Exposed See Finish

Ceiling

Board

Ceiling

GYP Gypsum

CODE/ KEY	ITEM	LOCATION	MANUFACT.	DESCRIPTION
C1	Carpet	Offices	Shaw	Style: Living Systems, Source Tile 5T315 Color: Radiant 05515 Format: Plank Size: 9" x 36" x 0.209 in. thickness Backing: Synthetic/Ecoworx Adhesive: Manufacturer Recommended Installation: Ashlar
C2	Carpet	Conference Room	Shaw	Style: Living Systems, Observe Tile 5T306 Color: Radiant 05515 Format: Plank Size: 9" x 36" x 0.272 in. thickness Backing: Synthetic/Ecoworx Adhesive: Manufacturer Recommended Installation: Ashlar
LVT1	Luxury Vinyl Tile	Floors	Mannington	Style: Amtico Wood Collection Color: Manor Oak AROW7970- Square Ed Size: 9" x 48" x 2.5mm thickness Adhesive: Manufacturer Recommended
PTF1	Porcelain Wall Tile	Walls- Field	Emser Tile	Pattern: Milestone Color: Gray Size: 12" x 24" x 8mm Grout: Laticrete, Spectralock Pro Premium Grout Color: Dusty Grey 60 Grout Joint: 1/8" Installation: 1/3rd Offset
SC	Sealed Concrete	Floors	Sherwin Williams	Style: Armorseal Treadplex Color: Haze Gray Notes: See architectural specifications for information

			MISCELLANEOUS Contractor Provided/Installed Items					
CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION				
AP1	Acoustical Panel - Tackable	Reception Casework	Ketchum Walton Co.	Fabritrak Stretched Fabric Wall System profile: 1", S Square NRC Rating of: 0.75 Fire Rating: Class A Notes: Utilize Tackable Core, Micore Fabric Manufacturer: Carnegie Xorel Pattern: Meteor Color: 2000 Notes: See Acoustical Panel Section for more information				
D1	Doors	New Interior Arch. Doors	See Arch. Specs	Finish: PL1				
MR1	Decor Mirror	Upgraded Toilets	Uttermost	Frame: Aramis 09605 Size: 24"x36"				
#	Signage	See sign plans	Bennu Enterprises	Style: To match Facility Standards Notes: Allow a 5% allowance in bid				
DWP1	Signage Decorative Wall Panel	Walls- Reception	3form	Product: Profile Panel Modular Surface Pattern/Color: TBD Size: 15'5" x 6'-0"				

	F	LOORIN	IG TRA	NSITION STRIPS
TS1	Transition Strip	LVT to SVF	Grifform	Ramping TRT#, 1/8" Beveled Corian Color: Neutral Concrete See Flooring for Detail Note About Ramp Size.
TS2	Transition Strip	1/8" Resilient to Carpet	Schluter Systems	Vinpro- S, Aluminum Finish: Brushed Nickel Anodized Aluminum Backfill with thin set to prevent denting.
TS3	Transition Strip	1/8" Resilient to Concrete	Schluter Systems	Vinpro- U, Aluminum Finish: Brushed Nickel Anodized Aluminum Backfill with thin set to prevent denting.
TS4	Existing	New Floor to Existing Flooring	Schluter Systems	Contractor to submit ADA compliant transition from that is appropriate for new/existing flooring heights. Stainless Steel ONLY

	CASEWORK							
CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION				
DCP1	Decorative Polyresin Panel	Reception Desk	3form	Varia Ecoresin Color: Specialty Wave Sage + Avalanche (D01) LID # 1093997 Size: 3/8" thick Front: Wave Emboss Back: Sandstone				
FR1	Millwork Reveal	Reception Desk	Fry Reglet	Item: Millwork 1/4" Post Finish: Clear Anodized Aluminum				
MC1	Millwork Corner	Misc. Casework Corners	Fry Reglet	Item: Millwork Corner Key Angle: 3/16" wing Finish: Clear Anodized Aluminum				
PL1	Plastic Laminate	Vertical Surfaces/ Interior Doors	Wilsonart	Pattern: Pinnacle Walnut 7992 Finish: 38 Fine Velvet Texture				
SS1	Solid Surface	Transaction/ Countertops	Durasein	Color: Sun Kissed DM5044 Thickness: 1/2" Edge Profile: Eased w/ 1.5" Apron				
SS2	Solid Surface	Window Stools/ Integral Sinks	Durasein	Color: Natural White DM1002				
	Casework Interior Melamine	Casework Interior	See Architectural Specs	Color: White See Architectural Sheets for further details.				

Notes: Coved and continuous rolls. Miter

inside corners. Do NOT use pre-molded

Style: Edge Effects, Sophisticate EESOP rubber wall base

Adhesive: Manufacturer Recommended Notes: Miter cut all joints. Utilize matching caulk when installed on top of hard surface.

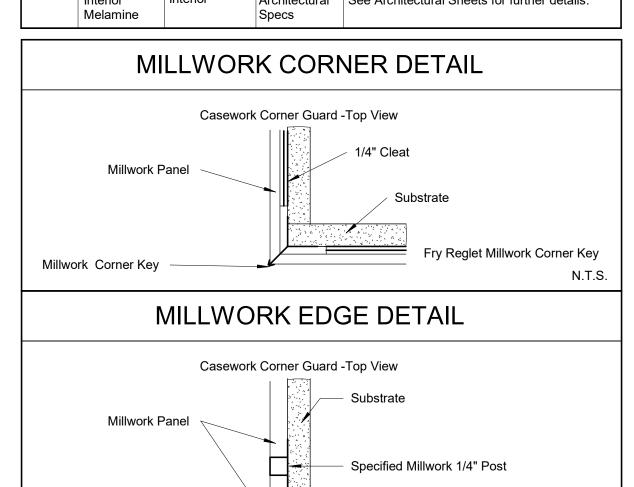
outside corners.

Height: 4.25"H

Color: Mocha

Mannington

upgraded



N.T.S.

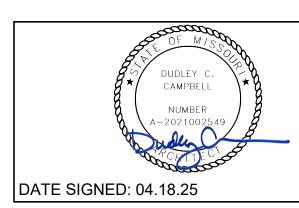


Devenney Group Ltd., Architects 6900 East Camelback Road Suite 500

T: 602.943.8950 www.devenneygroup.com

Scottsdale, AZ 85251





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ADMINISTRATION RELOCATION

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

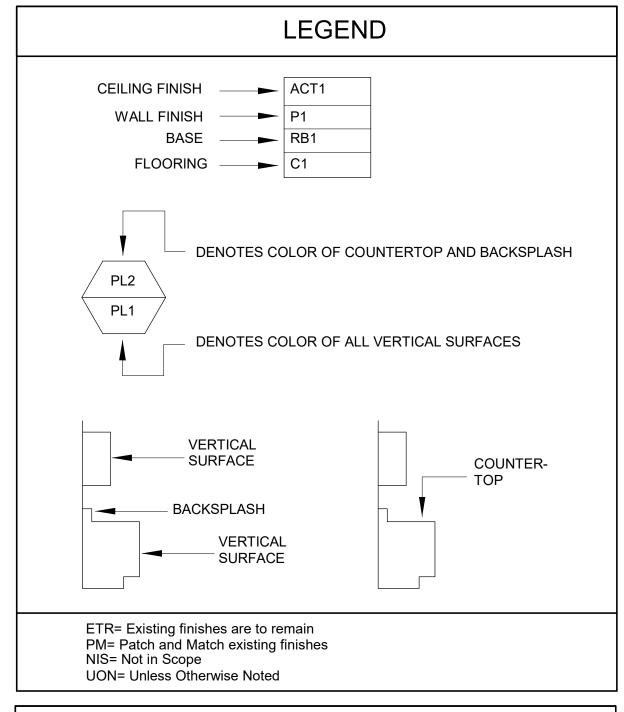
AGENCY APPROVALS:

- 1			
DS.			
_ا		REVISIONS	
Ē	REV#	DESCRIPTION	DATE
ter (LSMC)_rvt23/LSMC Admin Relocation_IDS_			

DATE:
SCALE:
DRAWN:
REVIEWED:
JOB NUMBER: 2025.04.18 1/8" = 1'-0"

ق GENERAL FINISH SPECIFICATIONS AND NOTES

FINISH SELECTIONS AND GENERAL NOTES



GENERAL NOTES

- 1. All work shall be guaranteed against defects for one year.
- All contractors shall visit jobsite and become familiar with existing conditions before submitting bids and/or proceeding with any work. Submission of bid indicates that the contractor has verified existing conditions.
- The drawings attached have been developed from record drawings which may not reflect actual field conditions. In no case shall dimensions be scaled from drawings. The contractor shall verify all conditions architect/designer shall be notified of any subsequent work. Review drawings for clarification prior to proceeding with work.
- Thoroughly clean all light lens and ceiling air diffusers after construction work is
- All parties responsible for delivering finishes to the site should check quantities and delivery dates as soon as bid is awarded to avoid any reselection of material.
- The general contractor shall carefully study and compare the documents and finish plans and shall at once report to the architect any error, inconsistency or omission he may discover.
- 7. Furniture is the be owner furnished, owner installed unless otherwise noted on the
- 8. For all products installed, note industry standards and manufacturer specifications
- 9. All interior wall, ceiling and trim finishes meet a Class A flamespread rating of 25 or less, and shall have a smoke development of 250 or less.
- 10. All interior flooring meets Class I and II flamespread ratings.
- 11. All flooring at means of egress and wet areas shall meet minimum slip resistance requirements of relevant ANSI and ASTM test methods, in accordance with building codes, ADA guidelines, and local and state AHJs.
- make certain that all housekeeping cleanup items are done prior to move-in. This would include wiping down, cleaning glass, washing, waxing, vacuuming, or any other services which would be performed under the contractor's maintenance cleaning programs. Upon completion of work, all waste material, rubbish, tools, construction equipment, machinery and other surplus materials shall be removed from the site.

12. Final Clean Up: The contractor shall coordinate with the project schedule to

NO SUBSTITUTIONS OF SPECIFIED FINISHES WILL BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE INTERIOR DESIGNER.

A: GENERAL FINISHES

- Refer to attached drawings for further clarification of work to be performed and/or for floorplan layout of facility.
- Contractor is to provide "surplus stock" as noted below. Surplus stock shall be provided on each different product manufacturer, style, color and finish specified. Refer to Written Specifications Section in the Project Manual (if applicable) for additional information. Final payment shall not be made until stock is delivered.

Ceiling Tile: Interior Paint: Porcelain Tile: Rubber Base:

Carpet (Modular)

Luxury Vinyl Tile:

Provide 1 (one) gallon per type/color/finish. Each container MUST have the formula clearly indicated. Provide 3% overage per type/color/finish/size. Provide 8 linear feet per type/color for every 500 linear feet installed, or a minimum of 8 linear feet. Provide 5% overage per type/color, or a minimum of 1 box of each used. Provide 1 (one) box per type/color for every 50 boxes installed, or a minimum of 1 (one) box.

Provide 1 (one) full carton for each product type used.

Submittal requirements: Contractor is to provide submittals to the Interior Designer for approval prior to fabricating or purchasing materials. All submittals are to be clearly marked with manufacturer, style color and Finish Material Legend code. 3.1 Electronic submittals are acceptable for all product data, shop drawings and samples. Paint draw downsWallcovering samples require physical samples, no exceptions. For finish samples, a photo of front of sample, as well as manufacturer label, is required.

- 4. Interior Architectural Door material is to be : Plastic Laminate. 4.1 Door finish is to be: D1.
- If casework does not have a finish call-out symbol, the selection will be made in the shop drawings.
- Wood grain laminates are to be installed so that the grain runs in a vertical direction, unless otherwise noted on architectural casework drawings.
- The window stool material is to be: Solid Surface 7.1 The window stool finish is to be: SS2
- To avoid variances and dye lot issues on phased projects, the full amount of project finish materials need to be purchased at one time.

B: CEILING

- When installing lay-in ceilings, lay out grid in room so that cut tiles at perimeter are no less than 9" wide.
- Gypsum (GYP) ceilings are to be painted with the same paint type as adjacent wall. If walls are epoxy, ceilings should be epoxy as well. If walls are latex eggshell, ceilings should be as well. *ALL CEILINGS SHOULD BE COLOR "CEILING BRIGHT WHITE" UNLESS A SOFFIT ACCENT COLOR IS INDICATED*
- Edges of cut ceiling tiles are to be painted with ceiling manufacturer's matching touch up paint.
- For renovation work where not all ceiling tiles are being replaced: Replace all damaged ceiling tiles as necessary. Utilize existing ceiling tiles from one enclosed room for replacement tiles. Provide all new in above-mentioned enclosed room. This ensures ceiling tiles look uniform, avoiding a mismatched look when damaged tiles are sporadically replaced with new.

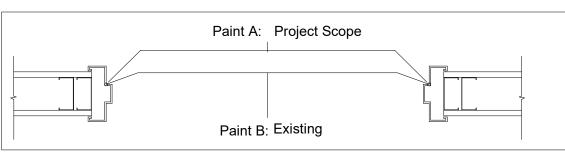
C: PAINT

- Prior to the application of paint, the contractor is to repair new or existing surfaces by patching, smoothing and sanding as needed to achieve a surface acceptable for the application of new finish. Prepare door frames or metal surfaces by sanding by chips/burrs, filling dents and caulking cracks at corners as required.
- Miscellaneous metal (return and air supply grilles, expansion joints, etc) located on wall surface is to be painted to match the adjacent wall color.
- The contractor is to submit one paint sample of each paint color in the appropriate finish to the Interior designer for approval prior to purchasing paint. Samples are to be painted on 8.5"x11" card stock. Each sample should have the Finish Material Legend code and color formula clearly indicated, as well as the store location where the paint is to be purchased.
- When specified in the Finish Plan, provide paint finishes as noted for the surfaces listed below. Refer to written Architectural Paint Specifications section for further information regarding products, primers, etc. If surfaces exist on the job that are not listed, contact the Interior Designer.
- Caulk all plumbing fixtures, millwork and trim to adjacent surfaces. Color of caulk to match adjacent finish.
- Typical Paint Finishes and Locations: These are "typicals" only. For all locations, refer to finish plans.

•	
GYPSUM BOAR	D WALLS AND SOFFITS
Waterbased Epoxy, Low Gloss	Toilets, Water Heater
Latex Eggshell	All Other Areas
GYPSUM	BOARD CEILINGS
Waterbased Epoxy, Low Gloss	Showers, Soiled Areas, Sterile
Latex Eggshell	All Other Areas
INTERIOR	METAL SURFACES
Semigloss Alkyd Enamel	Door Frames, Metal Doors, View Window Sills/Frames, Shelving, Previously painted Wood Trim, Previously painted Metal.
All prefinished store front windows of unless otherwise directed architect	or factory prefinished frames should not be painted or Interior Designer.
unless otherwise noted. Soffits indic	its over upper casework to match the vertical wall cated to receive accent paint are to be painted on THE SOFFIT IS TO BE PAINTED THE SAME SIDES, NOT CEILING WHITE.

In the case where a door frame receives a paint color on one side and another paint

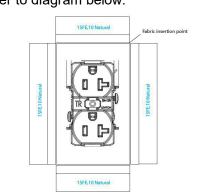
color on the opposite side of the door, the transition shall occur on the inside corner of the jamb stop.



- If rubber base is not used, finish drywall to the floor where sealed concrete is the flooring. Contractor is to install a bead of caulk at drywall/concrete transition.
- All Storage/Supply rooms are to receive a 1" painted horizontal red line 18" from bottom of the sprinkler head around the room, paint color: P7
- In IT, COMM or DATA rooms, do not paint the fire retardant plywood or cover/obstruct the fire rating label in any way.

D: ACOUSTICAL PANELS

Acoustical Panels are to be furnished and installed by the general contractor. All dimensions must be field-verified before production. In locations with outlet in panel locations refer to diagram below.



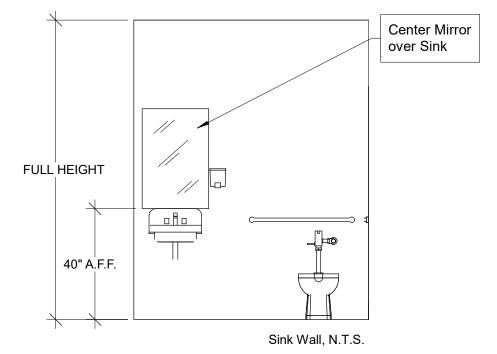
1 SFE 10 FabriTrak® EXTRUSION W/ LOCKING FABRIC JAW

For panel specification and fabric selection and fabric selection(s), see MISCELLANEOUS sections. For locations, see finish plans.

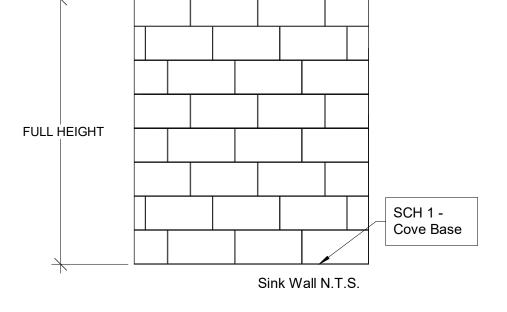
Casework - Panels to be applied between upper transaction top and work surface and run the full length in between. Line up Edges evenly.

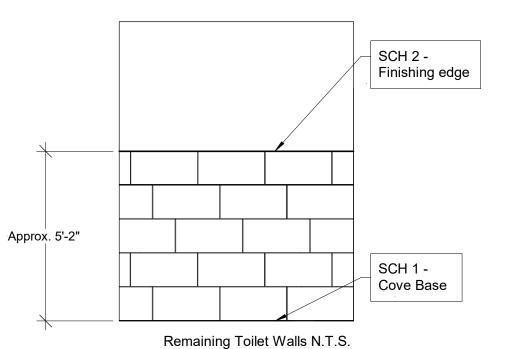
E: TILE

- See Finish Material Legend for grout formulas and colors.
- All transitions between wall tile and paint/wallcovering are to be made with SCH2 along with a bead of wall color matching caulk.
- If floor tile is larger than 2"x2," cut tile to slope to drain.
- Mirror is to be installed so the bottom of the reflective surface is at 40" AFF.



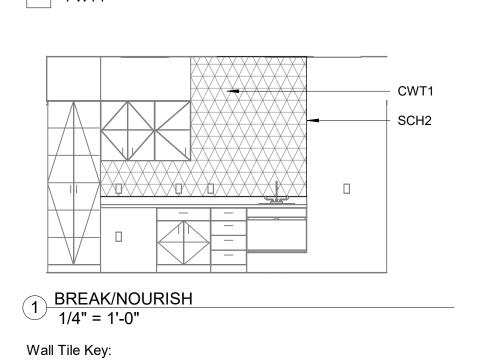
Walls in Toilets are to receive the following tile pattern(s): Install so that tile runs fully behind grab bars and dispensers.





Wall Tile Key: PWT1

CWT1



F: SIGNAGE

Furnish interior signage to the following specifications - See MISCELLANEOUS section for style and color selections:

- See signage sheets for verbiage schedule and location plan.
- GC to review package with end user prior to submittal, Note on submittal whether or not this has been approved/reviewed with end user.
- GC to have a 5% allowance for unforeseen changes to signage during submittals.
- Proposed sign styles and colors are to be submitted by the vendor (to Interior Designer, Architect and Owner) for approval during the C/A submittal process. Contractor should allow adequate time for multiple mark-up/approval cycles before the order is placed.
- It is the sign vendor's responsibility to meet all local, state and federal codes.
- It is the sign vendor's responsibility to create/provide all required vector files.
- 5. It is the sign vendor's responsibility to create/provide all fire evacuation map graphics and inserts.
- Signage Requirements: ADA compliant with Braille where required.
- Recommended contrast between background and verbiage is 70%
- Room/Information signs: Lettering height - minimum 5/8 - 2" maximum
- Pictograms 6" minimum height with Braille below. Non glare finish.
 - Overhead signage: Mounting Height - greater than 70" AFF to bottom of character. Character Height - 70" - 120" = 2" - 3." Non glare finish.

G: FLOORING

- All traditional rubber base is to be 4" H, coved, and continuous rolls. Miter inside corners, wrap outside corners of jobsite. Do NOT use premolded corners.
- All sculptured rubber base is to be 4.25" H, straight sections. Miter inside and outside corners. Do NOT use premolded corners.
- All reducer strips and other thresholds are to be located at the centerline of door
- when in a closed position, unless otherwise noted. Utilize clear caulk to seal where flooring transition meets flooring, to eliminate
- Transition strips are indicated by a bold line on the floor pattern plans. It is the

contractor's responsibility to identify locations and quanities of the material-tomaterial transition strips. If a strip is needed that is not listed in Floor Transisiton, contractor is to submit proposed product via submittal for approval. All transition are required to meet ADA guidelines.

Flooring Transition = TS#

ADA compliant porcelain/ceramic/quarry to resilient floor details: 1/4" MAX VERTICAL 1 MAX RISE/RUN PORCELAIN/CERAMIC TILE

- PORCELAIN/CERAMIC TO HAVE SLIGHT RECESS. NO GREATER THAN 1/4". All floor transitions are to be taped or covered during construction, to protect the material until final completion.
- Where new flooring or base is specified, the same flooring or base should extend into any closets, storage areas, etc. adjacent to that space unless otherwise
- For renovations, existing flooring is to be removed by the contractor prior to applying the specified flooring product.
- 10. Floor pattern shall extend under any open space under casework or kneespace, even when it appears to stop on plan.
- Manufacturer's recommended adhesive is to be based on application and concrete moisture %.

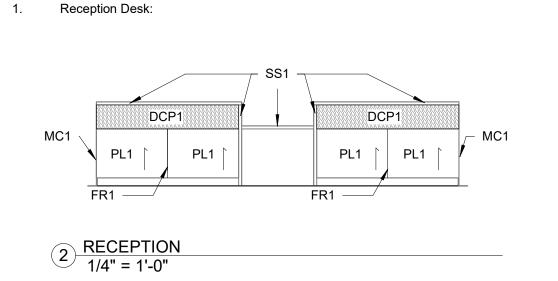
For HCA projects, all flooring should be purchased and tracked through Logistic

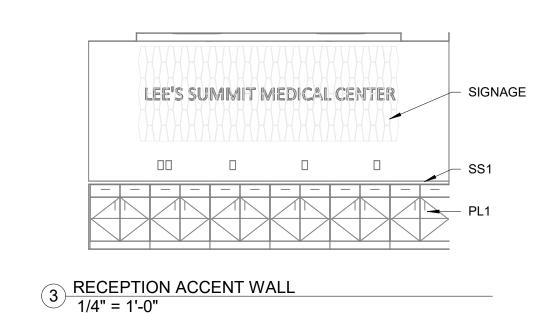
Solutions and Mannington. See material contacts section for contact people.

H: CASEWORK DESIGNS

Typical Casework Designs are to be as shown in elevations below. All Graining to run in the same

direction, unless otherwise noted.







Devenney Group Ltd., Architects 6900 East Camelback Road

T: 602.943.8950

Scottsdale, AZ 85251

www.devenneygroup.com

Suite 500





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ADMINISTRATION RELOCATION

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

FACILITY NUMBER:

0972400009

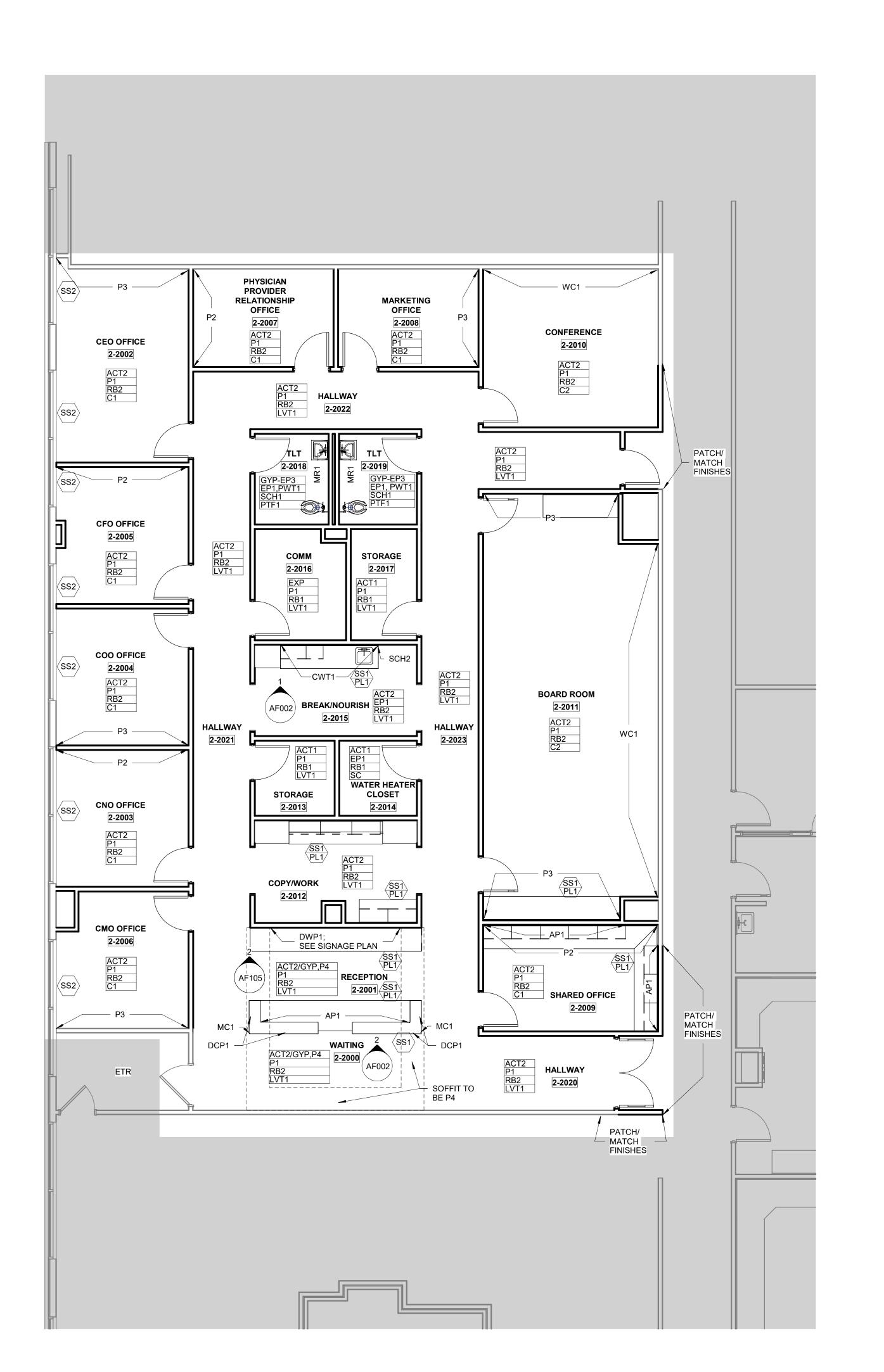
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GENERAL FINISH SPECIFICATIONS AND NOTES





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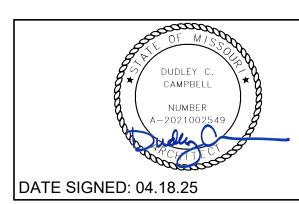
6900 East Camelback Road

Suite 500 Scottsdale, AZ 85251 T: 602.943.8950

www.devenneygroup.com

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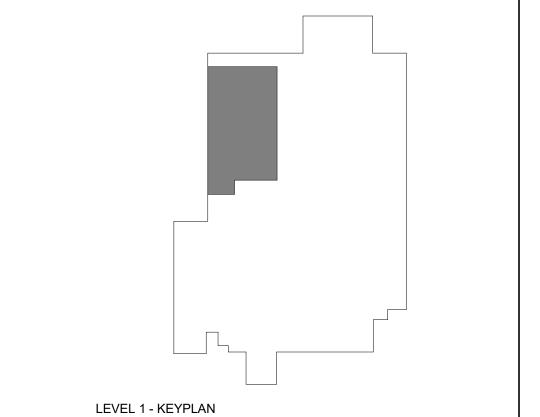
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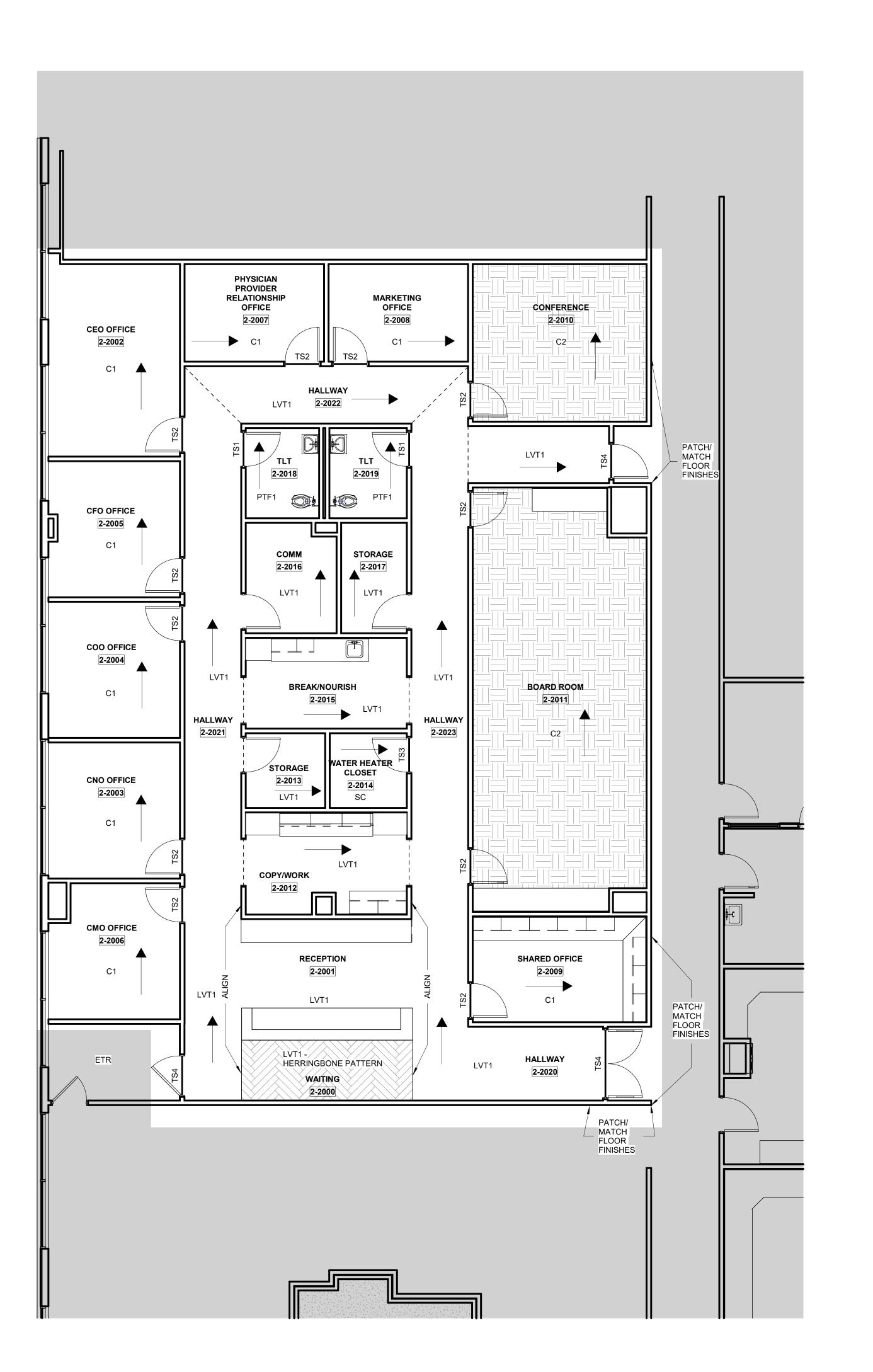
REVIEWED: 2025.04.18 3/16" = 1'-0" 9 JOB NUMBER: 6406.24

FINISH FLOOR PLAN - LEVEL

AF101



KEY PLAN



			FLOOR	RING
CODE/ KEY	ITEM	LOCATION	MANUFACT.	DESCRIPTION
C1	Carpet	Offices	Shaw	Style: Living Systems, Source Tile 5T315 Color: Radiant 05515 Format: Plank Size: 9" x 36" x 0.209 in. thickness Backing: Synthetic/Ecoworx Adhesive: Manufacturer Recommended Installation: Ashlar
C2	Carpet	Conference Room	Shaw	Style: Living Systems, Observe Tile 5T306 Color: Radiant 05515 Format: Plank Size: 9" x 36" x 0.272 in. thickness Backing: Synthetic/Ecoworx Adhesive: Manufacturer Recommended Installation: Ashlar
LVT1	Luxury Vinyl Tile	Floors	Mannington	Style: Amtico Wood Collection Color: Manor Oak AROW7970- Square Ed Size: 9" x 48" x 2.5mm thickness Adhesive: Manufacturer Recommended
PTF1	Porcelain Wall Tile	Walls- Field	Emser Tile	Pattern: Milestone Color: Gray Size: 12" x 24" x 8mm Grout: Laticrete, Spectralock Pro Premium Grout Color: Dusty Grey 60 Grout Joint: 1/8" Installation: 1/3rd Offset
SC	Sealed Concrete	Floors	Sherwin Williams	Style: Armorseal Treadplex Color: Haze Gray Notes: See architectural specifications for information

FLOORING TRANSITION STRIPS ansition LVT to SVF Grifform Ramping TRT#, 1/8" Beveled

TS1	Transition Strip	LVT to SVF	Grifform	Ramping TRT#, 1/8" Beveled Corian Color: Neutral Concrete See Flooring for Detail Note About Ramp Size.
TS2	Transition Strip	1/8" Resilient to Carpet	Schluter Systems	Vinpro- S, Aluminum Finish: Brushed Nickel Anodized Aluminum Backfill with thin set to prevent denting.
TS3	Transition Strip	1/8" Resilient to Concrete	Schluter Systems	Vinpro- U, Aluminum Finish: Brushed Nickel Anodized Aluminum Backfill with thin set to prevent denting.
TS4	Existing	New Floor to Existing Flooring	Schluter Systems	Contractor to submit ADA compliant transition from that is appropriate for new/existing flooring heights. Stainless Steel ONLY

FLOORING LEGEND

TS	FLOORING TRANSITION TYPE
	PLANK OR TILE DIRECTION
	PATTERN DIRECTION CHANGE

KEY PLAN



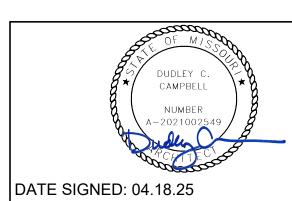
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6900 East Camelback Road

Scottsdale, AZ 85251 T: 602.943.8950

www.devenneygroup.com

Suite 500





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ADMINISTRATION RELOCATION

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:

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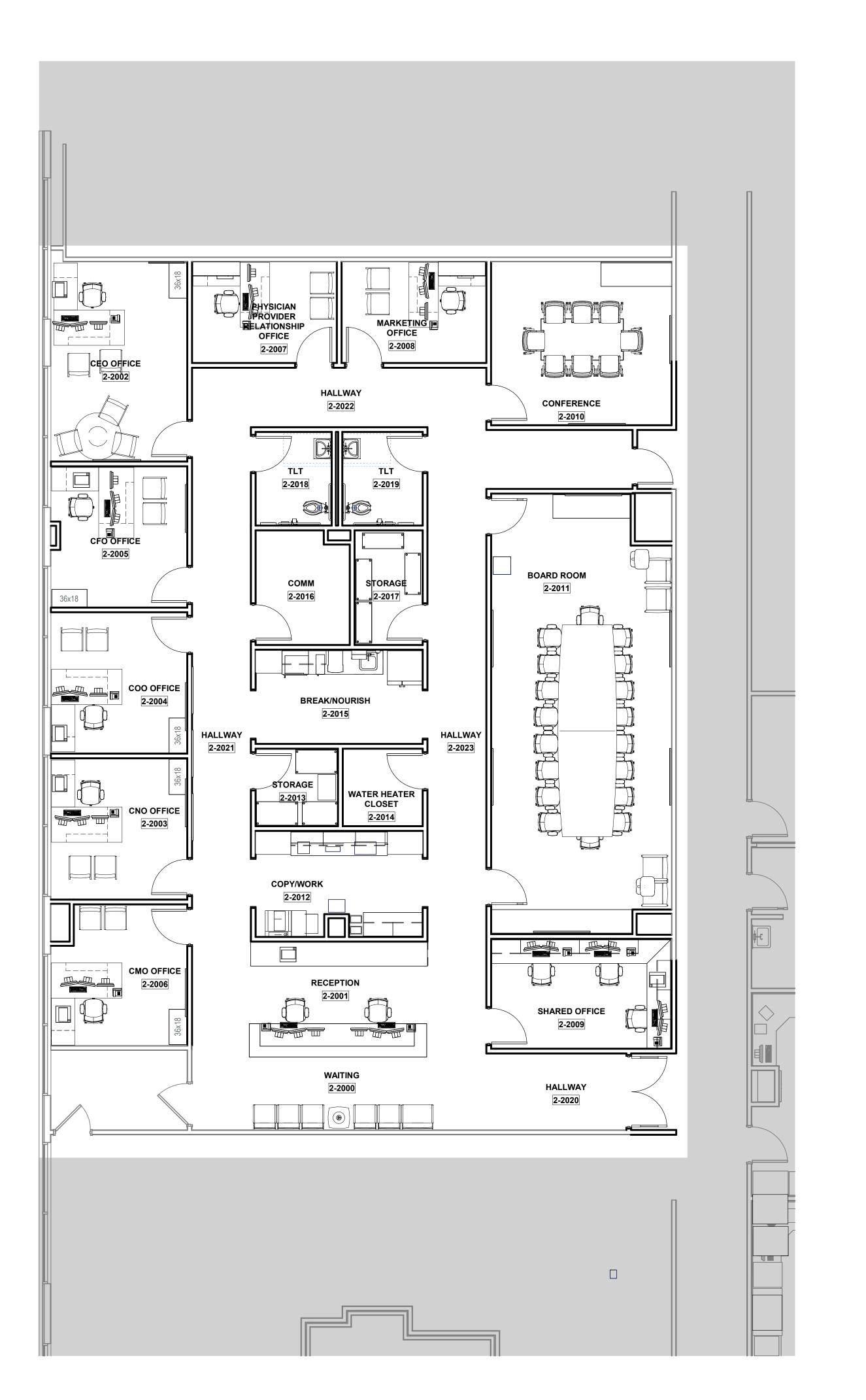
FLOOR PATTERN PLAN LEVEL 1

AF103

FLOOR PATTERN PLAN - LEVEL 1

3/16" = 1'-0"

LEVEL 1 - KEYPLAN





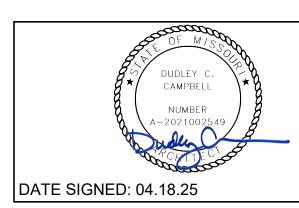
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Suite 500 Scottsdale, AZ 85251 T: 602.943.8950

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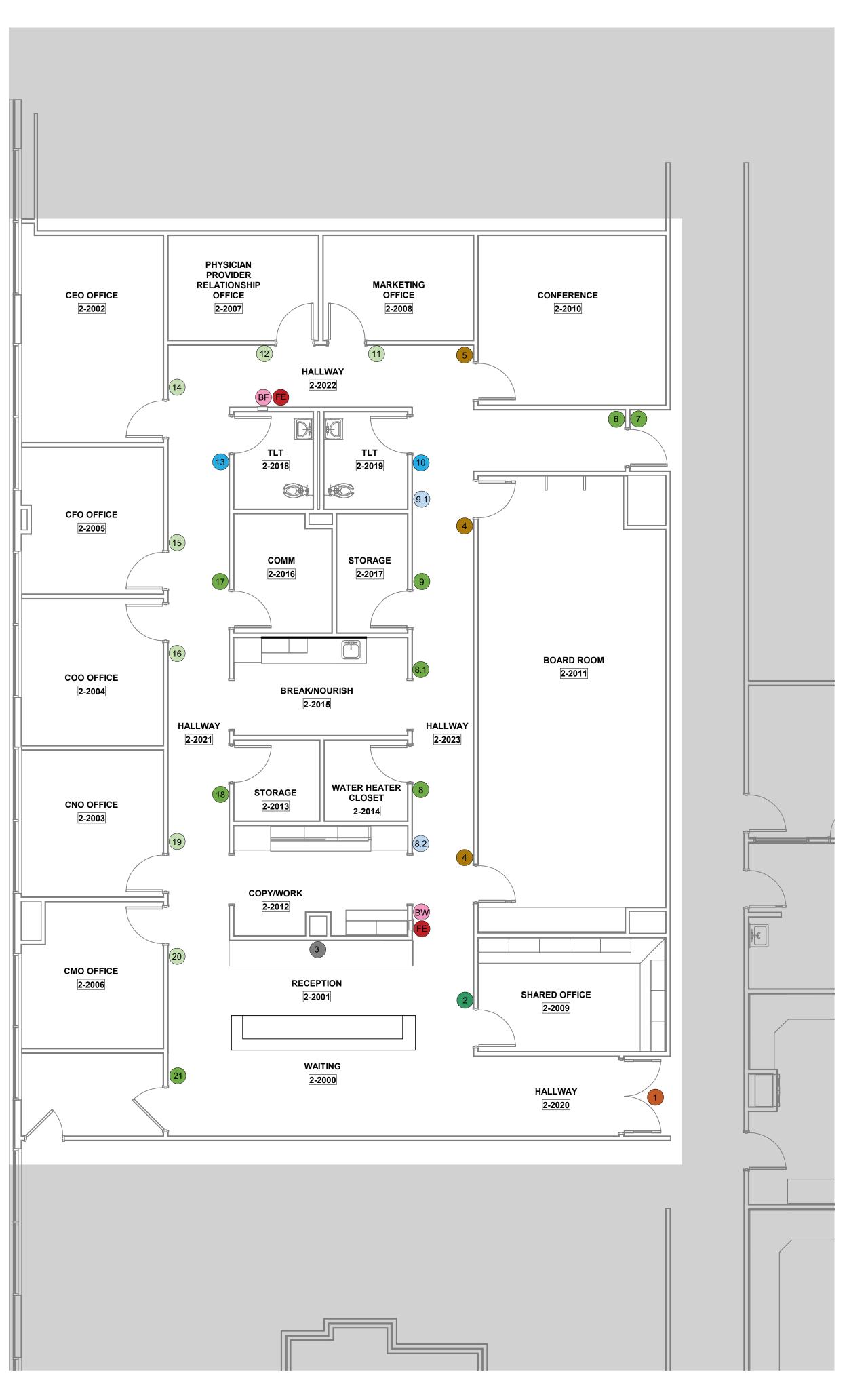
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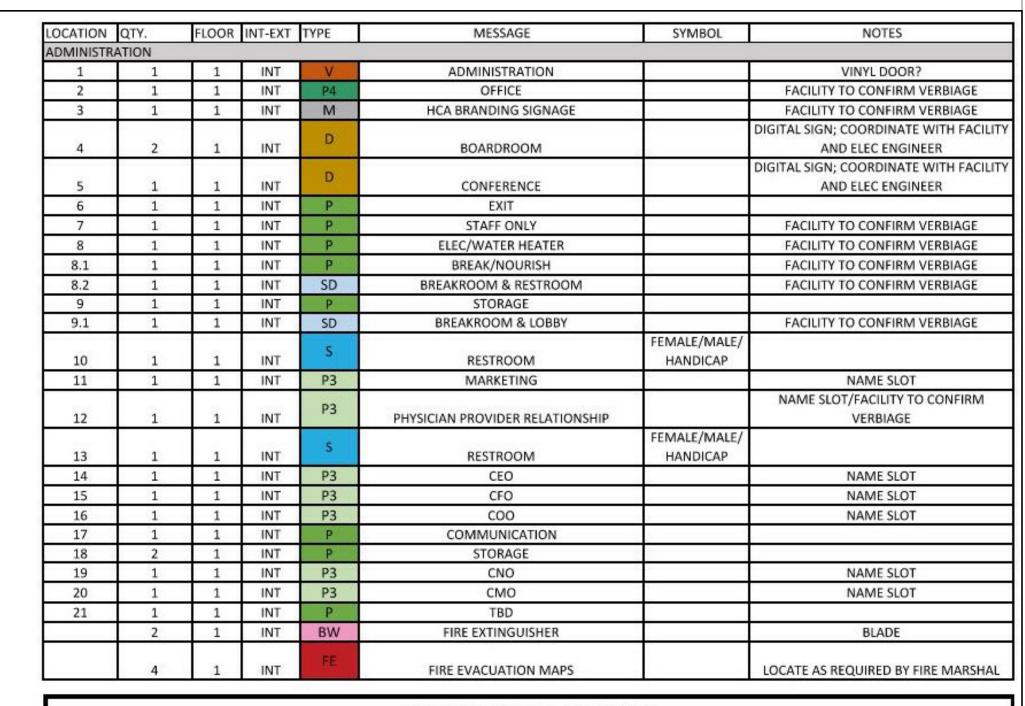
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KEY PLAN

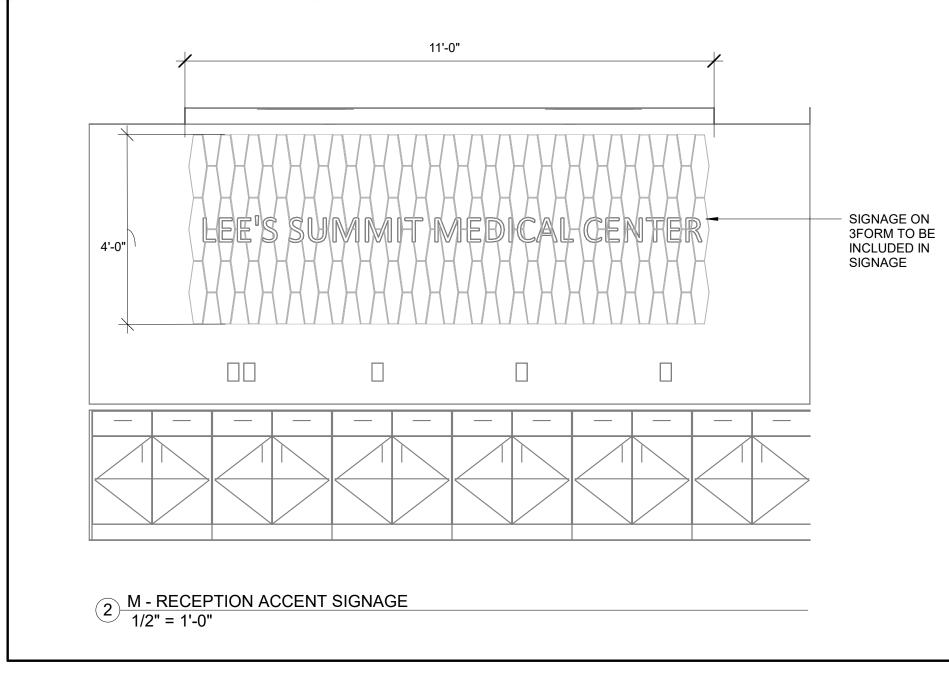
FURNITURE PLAN - LEVEL 1







	SIGN TYPE LEGEND	
V	Sign Type: Vinyl Signs	
D	Sign Type : Digital Room Sign	
P	Sign Type : Room Sign	
P3	Sign Type : Room Sign with Name Inserts	
P4	Sign Type: Room sign with 2-3 Name Inserts	
S	Sign Type : Room Sign with symbol	
BW	Sign Type : Blade Ceilings (Fire Extinguisher signs)	
FE	Sign Type : Fire Evacuation Plan Signs	
M	Sign Type: HCA Branding Metal routed (Logo)	
SD	Sign Type: Small Directional	



KEY PLAN

LEVEL 1 - KEYPLAN



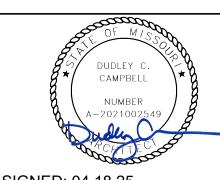
Devenney Group Ltd., Architects
6900 East Camelback Road

Scottsdale, AZ 85251
T: 602.943.8950

www.devenneygroup.com

Suite 500





DATE SIGNED: 04.18.25

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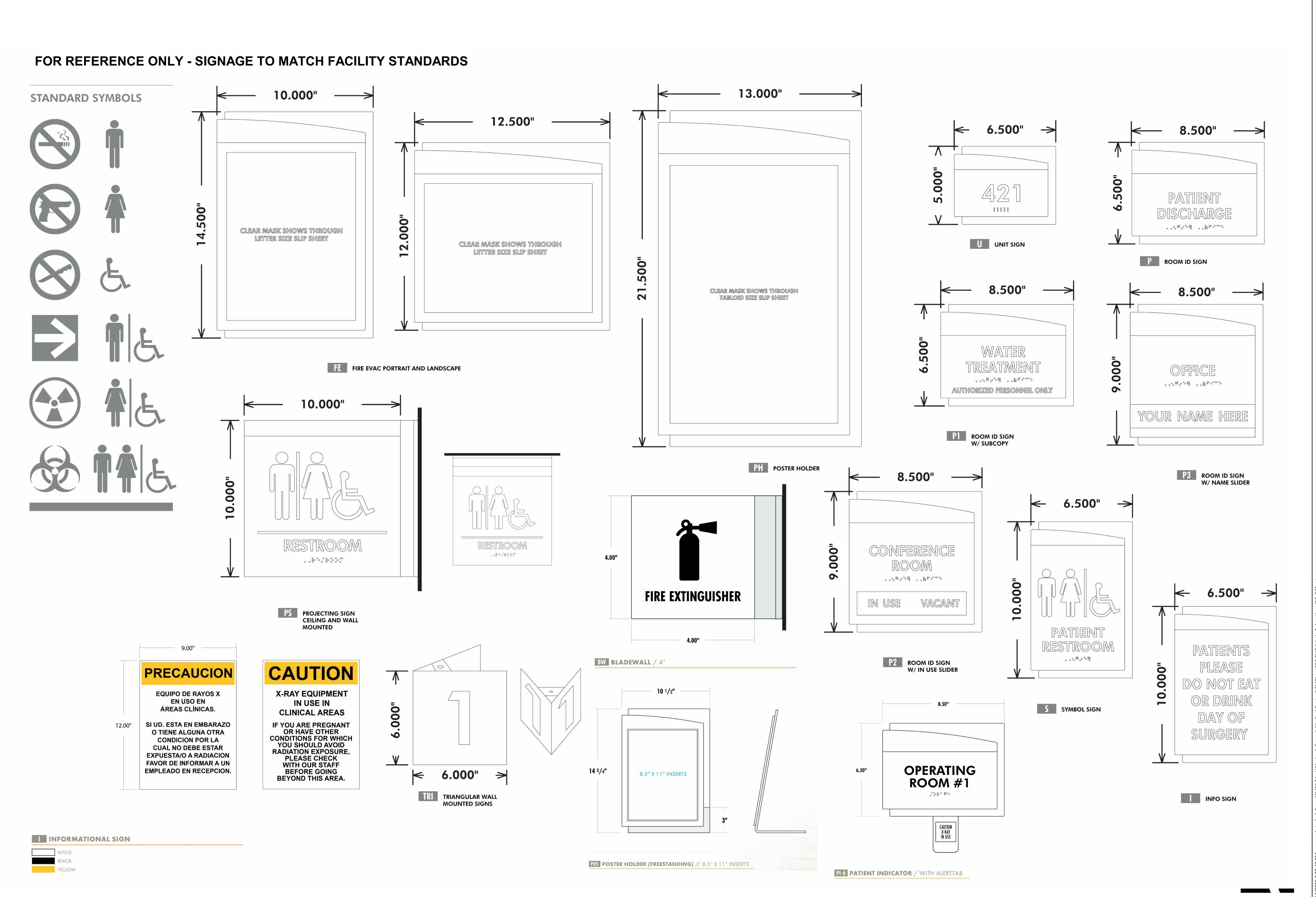
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DATE

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SCALE: As indicated
DRAWN: PC
REVIEWED: PF
JOB NUMBER: 6406.24

SIGNAGE PLAN - LEVEL 1







Devenney Group Ltd., Architects
6900 East Camelback Road

T: 602.943.8950 www.devenneygroup.com

Scottsdale, AZ 85251

Suite 500

INNER DESIGN STUDIO
7 1 0 3 Bakers Bridge
A ve, Suite 1 0 6



Brentwood, TN 37027

6 1 5 . 3 2 1 . 0 6 9 6

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SIGNAGE KEY

FOR REFERENCE ONLY - SIGNAGE TO MATCH FACILITY STANDARDS



PREPARED BY TONY HATCHELL BENNU ENTERPRISES, INC. 615.522.4588

DATED 03-22-2017

STANDARD SYMBOLS













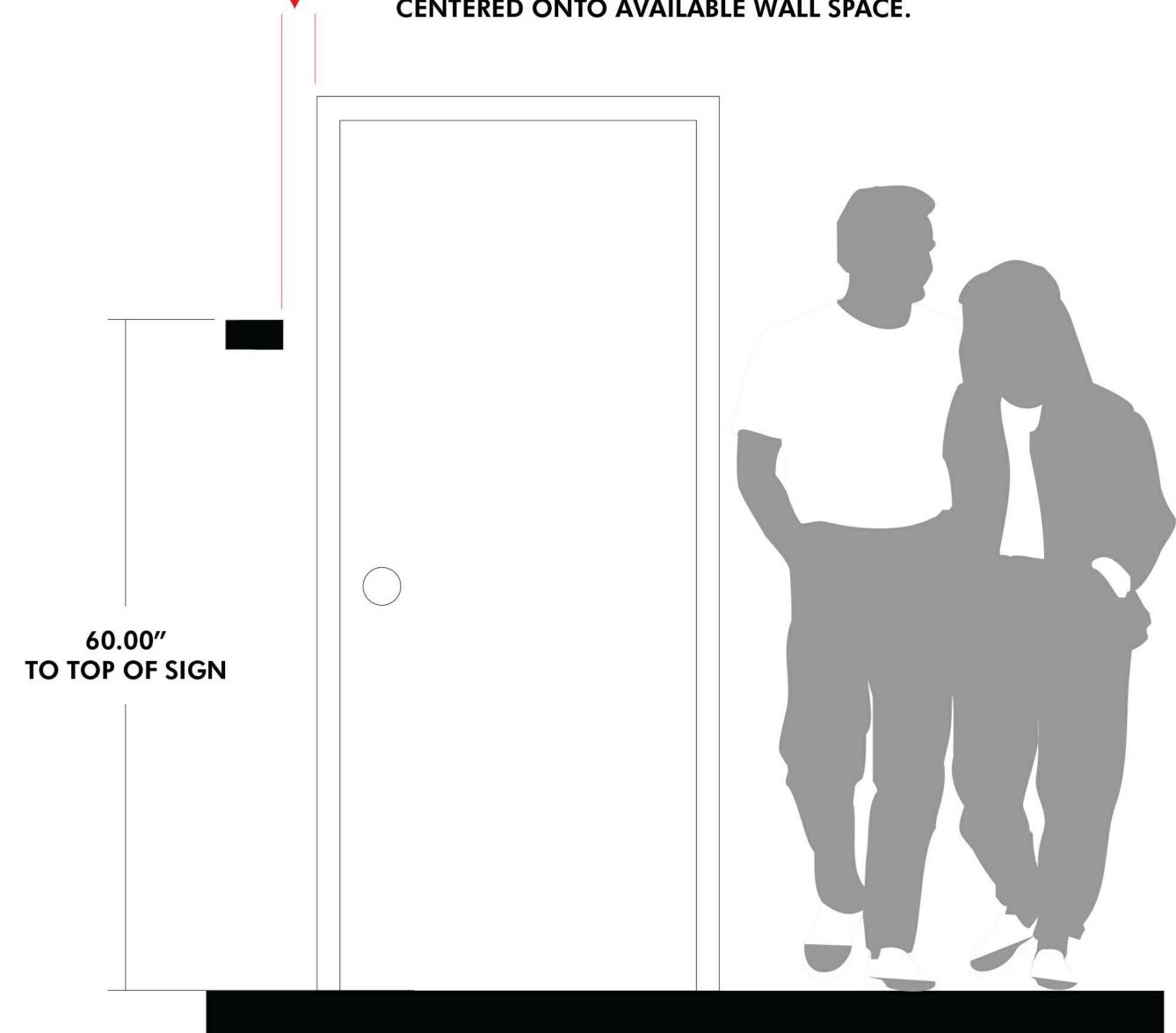


STANDARD TYPEFACE **FUTURA HEAVY BT**

ABCDEFGHI JKLMNOPQ RSTUVWXY

INSTALLATION LOCATIONS

ALL SIGNS TO BE MOUNTED 3" FROM THE EDGE OF THE DOOR FRAME TO THE LEADING EDGE OF THE SIGN UNLESS OTHERWISE OBSTRUCTED BY AN ADJACENT WALL OR OTHER OBSTRUCTION. IN THAT CASE SIGN TO BE CENTERED INTO AREA. IE - IF IT IS TOO TIGHT TO ALLOW THE 3" DISTANCE - AS LONG AS SIGN FITS ON GIVEN WALL AREA IT IS TO GO ON LATCH SIDE AND BE CENTERED ONTO AVAILABLE WALL SPACE.



SCALE 3/4"=1'-0"

ALL ADA SIGNS TO BE INSTALLED ON LATCH SIDE OF DOOR

SIGN FAMILY: ZEUS **INSTALL I.S. SIGNS SO** THAT TOP LINE OF **BRAILLE TO BE AT 60"**





TYPICAL SIGN PROGRAM PLACEMENTS SHOWN

Devenney

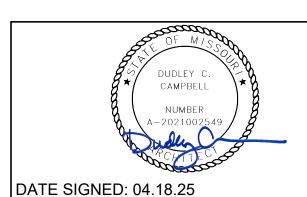
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6900 East Camelback Road Scottsdale, AZ 85251

T: 602.943.8950

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> FACILITY NUMBER: 0972400009

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DRAWN:
REVIEWED:

SIGNAGE KEY

GENERAL NOTES

- A. ALL PLUMBING WORK SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL BUILDING CODES AND ORDINANCES INCLUDING, BUT NOT LIMITED TO. THE LEE'S SUMMIT. MISSOURI, PLUMBING AND BUILDING CODES & ORDINANCES, NFPA 13 & 14, THE AMERICAN DISABILITIES ACT AND THE LIFE SAFETY CODE. IT IS A REQUIREMENT OF THIS CONTRACT THAT THE CONTRACTOR BE EXPERIENCED IN THIS TYPE OF WORK AND BE THOROUGHLY FAMILIAR WITH THE REQUIREMENTS OF THE APPLICABLE CODES, WHETHER SPECIFICALLY REFERRED TO IN THE DOCUMENTS OR NOT.
- B. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS AND PAY ALL
- NECESSARY FEES FOR THE PLUMBING WORK. C. THE CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, AND LABOR REQUIRED TO PROVIDE COMPLETE AND WORKING PLUMBING SYSTEMS, AS DESCRIBED IN THE CONTRACT DOCUMENTS, AND FULLY COORDINATED WITH ALL
- D. REFER TO THE SPECIFICATIONS, THE DRAWINGS AND MANUFACTURER'S CUT SHEETS FOR COMPLETE INFORMATION ON MATERIALS AND METHODS REQUIRED
- TO INSTALL THE PLUMBING SYSTEMS. E. ALL PLUMBING WORK DONE UNDER THIS CONTRACT SHALL BE ACCOMPLISHED IN A SKILLED WORKMANLIKE AND PROFESSIONAL MANNER.
- F ALL PLUMBING AND FIRE PROTECTION PIPING SHALL BE INDEPENDENTLY SUPPORTED, AND EACH SUPPORT SHALL BE INDEPENDENT OF PARTITION AND CEILING SYSTEM SUPPORTS. WHERE INDEPENDENT SUPPORT IS NOT POSSIBLE AN ENGINEERED SUPPORT SYSTEM SHALL BE UTILIZED. HOLD ALL PIPING IN CEILING SPACES HIGH TO STRUCTURE AS POSSIBLE.
- G. ALL WORK SHALL BE SCHEDULED AND PERFORMED IN COORDINATION WITH ARCHITECTURAL PLANS, PROJECT SCHEDULES AND HOSPITAL OPERATIONS & REQUIREMENTS. COORDINATE ALL REQUIRED SHUT DOWN OF SYSTEMS OR OUT OF PHASE WORK WITH THE OWNER'S REPRESENTATIVE & HOSPITAL PERSONNEL.
- H THE CONTRACTOR SHALL PROTECT THE PLUMBING EQUIPMENT AND FIXTURES FROM DAMAGE DURING HANDLING AND INSTALLATION AND UNTIL THE PROJECT IS COMPLETED. ANY EQUIPMENT OR FIXTURE THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED, AT THE ARCHITECT AND ENGINEER'S DISCRETION, AND AT THE CONTRACTOR'S EXPENSE.
- THE CONTRACTOR SHALL REMOVE ALL EXCESS MATERIAL AND DEBRIS AND CLEAN ALL EQUIPMENT AND FIXTURES UPON COMPLETION OF THE PROJECT.
- THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BIDDING TO VERIFY THE EXACT SIZE AND LOCATION OF ALL EXISTING PIPING RELATED TO HIS WORK.
- K. THE CONTRACTOR SHALL COORDINATE THE PLUMBING WORK WITH ALL OTHER TRADES. WORK SHOWN ON THE DRAWINGS IS INTENDED TO PROVIDE THE OVERALL ENGINEERING DESIGN CONCEPT AND MAY REQUIRE RELOCATIONS, FIELD ADJUSTMENTS OR OFFSETS TO COORDINATE WITH OTHER TRADES AND THE BUILDING STRUCTURE. COSTS FOR ALL SUCH MINOR FIELD ADJUSTMENTS SHALL BE INCLUDED IN THE CONTRACTOR'S BID.
- L. IT IS THE REQUIREMENT OF THESE DOCUMENTS TO ALLOW ALL CEILINGS TO BE CONSTRUCTED AT HEIGHTS AS SHOWN ON THE ARCHITECTURAL DRAWINGS. COORDINATE THE LOCATION OF PIPING AND PROVIDE OFFSETS IN PIPING AS REQUIRED TO MEET THIS REQUIREMENT.
- M. THE CONTRACTOR SHALL PROVIDE DETAILED AND DIMENSIONED PIPING FABRICATION DRAWINGS FOR APPROVAL BY THE ARCHITECT/ENGINEER. ONE BLUE-LINE SET OF THE APPROVED DRAWINGS SHALL BE KEPT ON-SITE AT ALL TIMES AND ANY CHANGES REQUIRED IN THE FIELD SHALL BE MARKED ON THESE DRAWINGS. AT THE END OF THE PROJECT, ALL CHANGES SHALL BE TRANSFERRED TO A REPRODUCIBLE DRAWING TO BE GIVEN TO THE OWNER FOR "AS-BUILT" DRAWINGS. REPRODUCTIONS OF THIS DRAWING WILL NOT BE CONSIDERED AS PIPING FABRICATION DRAWINGS.
- N. ALL PLUMBING EQUIPMENT OR VALVES REQUIRING ACCESS THAT ARE LOCATED ABOVE GYP. BOARD OR OTHERWISE INACCESSIBLE CEILINGS SHALL BE PROVIDED WITH A CEILING ACCESS PANEL SUPPLIED AND INSTALLED BY THE GENERAL CONTRACTOR. THE MECHANICAL CONTRACTOR SHALL COORDINATE THE EXACT LOCATION OF THESE ACCESS PANELS WITH THE GENERAL CONTRACTOR.
- O. LOCATE ISOLATION VALVES FOR EQUIPMENT AND FIXTURES AS CLOSE TO THE MAIN AS POSSIBLE. PROVIDE CEILING OR WALL ACCESS PANELS AS NEEDED.

PLUMBING NOTES

GENERAL NOTES, CONT.

- P. COORDINATE ALL WALL MOUNTED DEVICE LOCATIONS WITH ARCHITECTURAL INTERIOR ELEVATIONS.
- Q. ALL CONNECTIONS BETWEEN PIPES OF DISSIMILAR MATERIALS SHALL BE MADE WITH DIELECTRIC UNIONS. R. ALL PLUMBING PIPING SHALL BE IDENTIFIED AS DESCRIBED IN THE
- SPECIFICATIONS. S. ALL PLUMBING VALVES SHALL BE TAGGED AND NOTED ON THE "AS-BUILT" T. SLOPE AND ARRANGE WATER PIPING SYSTEMS TO ESTABLISH HIGH POINTS FOR
- U. COORDINATE ALL PIPING PENETRATIONS THROUGH THE ROOF AND FLOOR WITH THE BUILDING'S STRUCTURE. REFER TO THE PLUMBING PENETRATION DETAILS, THE ARCHITECTURAL DRAWINGS AND THE PLUMBING SPECIFICATIONS FOR

AIR ELIMINATION AND LOW POINTS TO PERMIT PROPER DRAINING OF EACH

- SLEEVING AND SUPPORT INFORMATION. V. PROVIDE CLEANOUTS AT THE BASE OF ALL STORM AND SANITARY STACKS AND
- IN INDIVIDUAL WASTE & VENT STACKS AS SHOWN ON THE RISERS. W. LOCATE VENTS THROUGH THE ROOF AT LEAST 25' AWAY FROM ALL FRESH AIR
- INTAKES OR BUILDING OPENINGS.

X. LOCATE ALL WALL CLEANOUTS 18" ABOVE THE FINISHED FLOOR.

- Y. PROVIDE BACKFLOW PREVENTION DEVICES APPROVED BY THE AHJ FOR ALL ITEMS OF EQUIPMENT THAT ARE REQUIRED BY THE AHJ TO HAVE CROSS CONTAMINATION PROTECTION, WHETHER SHOWN ON THE DRAWINGS OR NOT.
- PROVIDE A PRV AT THE DOMESTIC WATER SERVICE ENTRANCE TO LIMIT WATER SYSTEM PRESSURE TO THE BUILDING TO 80 PSI.
- AA. RUN ALL PIPING IN WALLS, CHASES AND ABOVE THE CEILING. PROVIDE CHROME PLATED PIPING WHERE EVER PIPING HAS TO BE EXPOSED.
- BB. PROVIDE DRIP PANS UNDER PLUMBING LINES WERE REQUIRED BY CODE AND/OR THE OWNER.

CC. PROVIDE ACCESS TO ALL VALVES AND TRAP PRIMERS.

WALL BOX

	PLUMBING ABBREV	IATIONS	
ABV	ABOVE	GPM	GALLONS PER MINUTE
AFF	ABOVE FINISHED FLOOR	GW	GREASE WASTE
AFG	ABOVE FINISH GRADE	HB	HOSE BIBB
AP	ACCESS PANEL	HD	HUB DRAIN
AD	AREA DRAIN	HW	HOT WATER
BFF	BELOW FINISH FLOOR	HWR	HOT WATER RETURN
B/G	BELOW GRADE	I.E.	INVERT ELEVATION
BV	BALANCING VALVE	L	LAVATORY
CA	COMPRESSED AIR	MH	MANHOLE
CO	CLEAN OUT	MS	MOP SINK
CSS	CLINICAL SERVICE SINK	NC	NORMALLY CLOSED VALVE
CW	COLD WATER	NO	NORMALLY OPEN VALVE
DD	DECK DRAIN	NFWH	NON-FREEZE WALL HYDRANT
DF	DRINKING FOUNTAIN	NFYH	NON-FREEZE YARD HYDRANT
DN	DOWN	OS&Y	OUTSIDE STEM AND YOKE
DS	DOWNSPOUT	PD	PLANTER DRAIN
DSN	DOWNSPOUT NOZZLE	PRV	PRESSURE REDUCING VALVE
ESH	EMERGENCY SHOWER	TMV	THERMOSTATIC MIXING VALVE
EW	EYE WASH	T&P	TEMPERATURE AND PRESSURE
EWC	ELECTRIC WATER COOLER		VALVE
FCVA	FLOOR CONTROL VALVE ASSEMBLY	TP	TRAP PRIMER
FCO	FLOOR CLEANOUT	V	VENT PIPING
FD	FLOOR DRAIN	VB	VACUUM BREAKER
FS	FLOOR SINK	VTR	VENT THROUGH ROOF

GENERAL CONTRACTOR

GCO GRADE CLEANOUT

DEMOLITION NOTES

- A. ALL SECTIONS OF PLUMBING PIPING THAT ARE SHOWN TO BE DEMO'D SHALL BE REMOVED BACK BACK TO MAINS, OR NEAREST ACTIVE LINES, AND CAPPED OR PLUGGED SO THAT NO DEAD ENDS ARE CREATED.
- B. ALL DEMOLITION WORK SHALL BE SCHEDULED AND PERFORMED IN STRICT COORDINATION WITH ARCHITECTURAL PHASING PLANS, HOSPITAL SCHEDULES, AREA OCCUPANCIES AND OTHER TRADES.
- C. ALL DEMOLISHED ITEMS THAT ARE NOT RETAINED BY THE OWNER AND ARE NOT CALLED OUT TO BE REINSTALLED BY THE CONTRACT DOCUMENTS SHALL BE DISPOSED OF LEGALLY. D. ANY EXISTING PLUMBING RISERS EXPOSED BY THE REMOVAL OF EXISTING WALLS OR CHASES SHALL
- BE RELOCATED TO A NEARBY LOCATION AS NOTED ON THE DRAWINGS OR AS APPROVED BY THE ARCHITECT.
- THE CONTRACTOR SHALL REPLACE ALL DAMAGED CEILING TILES AND REPAIR ALL DAMAGED WALL FINISHES DURING DEMOLITION WORK.
- PROVIDE ADDITIONAL VALVES, FITTINGS AND/OR PIPING AS NECESSARY TO PROVIDE SERVICE TO AREAS OUTSIDE AND INSIDE OF THE AREA WHERE WORK IS BEING PERFORMED.

PRICING AND COMMENCEMENT OF WORK.

- INFORMATION PROVIDED ON THESE DRAWINGS HAS BEEN TAKEN FROM DESIGN DRAWINGS AND FIELD OBSERVATIONS. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO
- H. ALL EXISTING PIPING THAT IS CAPPED OFF OR PLUGGED DURING DEMOLITION SHALL BE CHECKED FOR LEAKS.
- PROVIDE AND INSTALL ALL NECESSARY PIPING AND ACCESSORIES REQUIRED TO MAINTAIN SERVICE TO ALL "EXISTING TO REMAIN" FIXTURES AND EQUIPMENT THAT MAY BE INTERRUPTED DURING DEMOLITION.
- WHERE EXISTING MECHANICAL EQUIPMENT IS DEMOLISHED, REMOVE ALL RELATED PLUMBING TO THE EQUIPMENT AND THEIR ASSOCIATED PIPING BACK TO THE POINT OF ORIGINATION.
- K. ANY FLOOR DRAIN OR FLOOR SINK INDICATED TO BE REMOVED SHALL BE REMOVED COMPLETELY. L. EXISTING FIXTURES AND EQUIPMENT NOT INDICATED TO BE REMOVED SHALL REMAIN IN USE.

PROJECT DESIGN

LOCATION:
CITY/STATE

BUILDING

PLUMBING

ELECTRICAL

FIRE

MECHANICAL

APPLICABLE CODES:

LEE'S SUMMIT, MO

2018 INTERNATIONAL BUILDING CODE 2018 INTERNATIONAL MECHANICAL CODE 2018 INTERNATIONAL PLUMBING CODE 2018 INTERNATIONAL FIRE CODE 2017 INTERNATIONAL ELECTRICAL CODE

PLUMBING SYMBOLS ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS SYMBOL DESCRIPTION SYMBOL DESCRIPTION —— – DOMESTIC COLD WATER (CW) PRESSURE GAUGE WITH GAUGE COCK —— -- — DOMESTIC HOT WATER (HW) THERMOMETER WITH GAUGE COCK — --- DOMESTIC HOT WATER RETURN (HWR) HOSE BIBB (HB) — NPW — NON-POTABLE WATER FLOOR CLEANOUT OR GRADE CLEANOUT (FCO,GCO) ——TP—— TRAP PRIMER LINE (1/2") WALL CLEANOUT (WCO) — TW — TEMPERED WATER CO CLEANOUT PLUG COLD OR HOT REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER (RPZ) DIRECTION OF SLOPE - GRAVITY PIPING EXISTING PIPING TO REMAIN DIRECTION OF FLOW - PRESSURE PIPING EXISTING PIPING TO BE REMOVED $\times \times \times \times$ SANITARY SEWER/WASTE PIPING — SS —— PIPING CAPPED OFF SANITARY VENT PIPING BALANCING VALVE — IW —— INDIRECT WASTE STRAINER CONNECT NEW TO EXISTING SA SHOCK ARRESTOR STORM DRAIN PIPING - SD -OVERFLOW STORM DRAIN PIPING – OD — HUB DRAIN (HD) — CA — COMPRESSED AIR PIPING FLOOR DRAIN (FD) GREASY WASTE ----GW ----LEGEND NOTE — SSD — SUBSOIL/PERIMETER DRAIN PIPING — FOS — FUEL OIL SUPPLY PIPING **BUTTERFLY VALVE** BALL VALVE — FOR — FUEL OIL RETURN PIPING GLOBE VALVE — DFS — DRY FIRE STANDPIPE PIPING TEMPERATURE AND PRESSURE RELIEF VALVE — SP — SPRINKLER PIPING GAS COCK / PLUG VALVE — DSP — DRY SPRINKLER PIPING SOLENOID VALVE PRESSURE REGULATING VALVE F F FIRE PROTECTION PIPING AQUASTAT AQUASTAT

CHECK VALVE

GATE VALVE

CONNECT TO EXISTING

DEMOLISH TO



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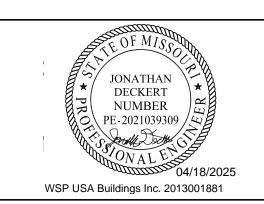
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T: 602.943.8950

www.devenneygroup.com

Scottsdale, AZ 85251

Consultant:



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ADMINISTRATION RELOCATION

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:

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Center (LSMC)_rvt23/MEP_LSMC Admin Relocation			

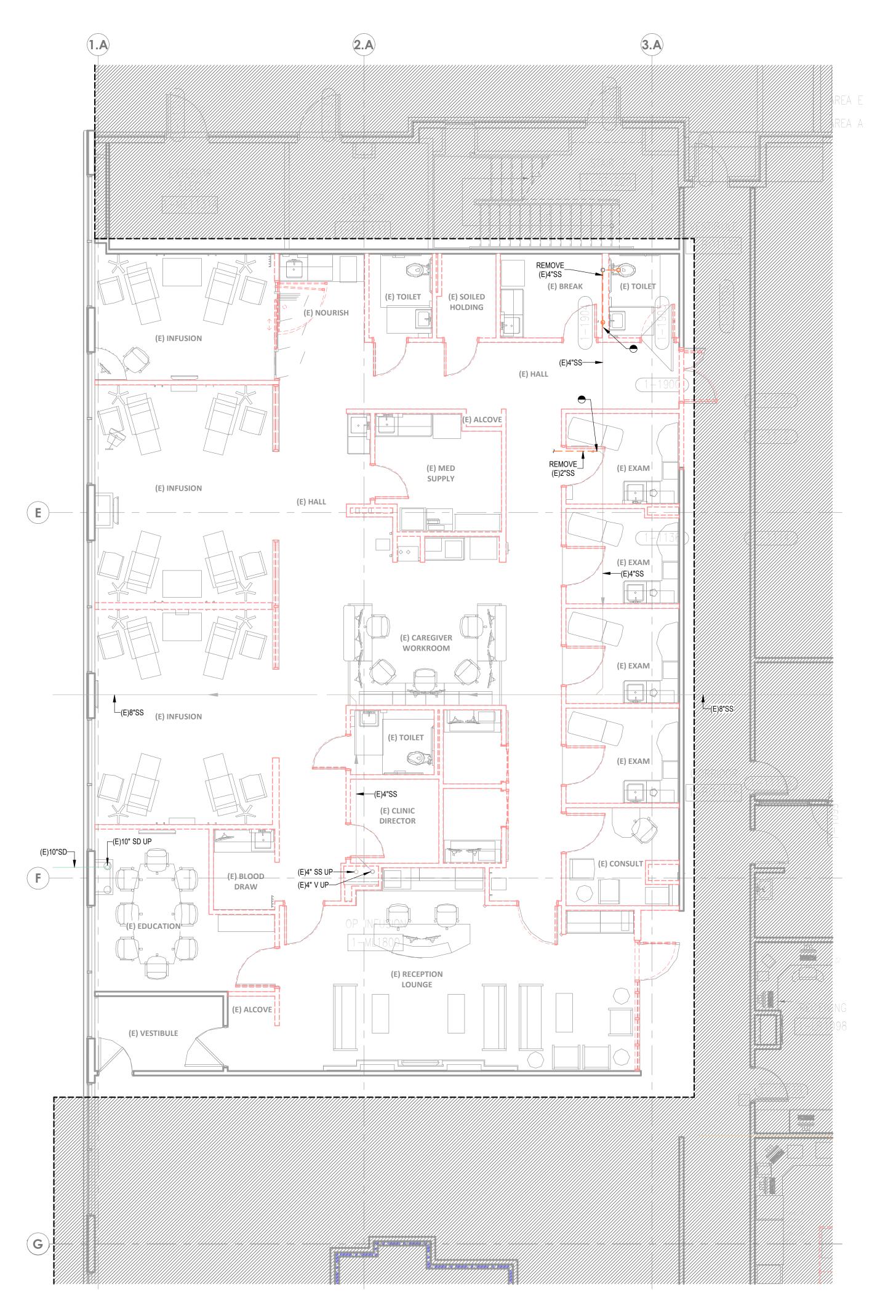
DATE:
SCALE:
DRAWN: 1/8" = 1'-0" REVIEWED: JOB NUMBER:

GENERAL INFORMATION PLUMBING

P00-00

GENERAL NOTES

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



UNDERFLOOR DEMOLITION PLAN - PLUMBING

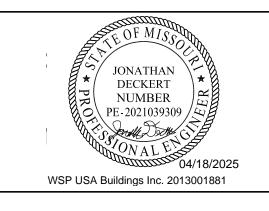
3/16" = 1'-0"



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Suite 500
Scottsdale, AZ 85251
T: 602.943.8950

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FACILITY NUMBER: **0972400009**

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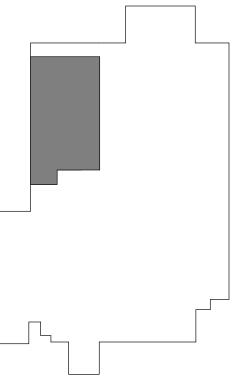
REVISIONS

REV # DESCRIPTION DATE

LEVEL 1 - KEYPLAN

UNDERFLOOR DEMOLITION
PLAN - ADMIN - PLUMBING

PD02-00



THEY 6" FIRE STANDPIPE ///////(E)4"F (E)1 1/2"CW (E)2"HW (E)2" V UP REMOVE REMOVE (E) TOILET (E) SOILED (E)1/2"CW (E) INFUSION /=//(E)2"HW (E)1/2"CW REMOVE (E)1/2"HW (E) INFUSION //(E)2"HW ////(E)2"HW (E)2 1/2"CW (E)1"HWR (E) INFUSION (E) CLINIC DIRECTOR (E)10" SD UP/DN-(E) BLOOD (E) 4" SS UP/DN (E) 4" V UP/DN (E) 2" CW UP (E)10" DOWNSPOUT -NOZZLE (E)10" OD UP-(E) RECEPTION (E) ALCOVE (E) VESTIBULE (E)2" ACID DILUTION BASIN VENT (E)1/2"CW₃ /=///(E)3"CW//

DEMOLITION PLAN - LEVEL 1 - ADMIN - PLUMBING

GENERAL NOTES

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

LEGEND NOTES

 DEMOLISH EXISTING PLUMBING FIXTURE AND ASSOCIATED WATER, WASTE, AND VENT PIPING BACK TO MAIN AND CAP.



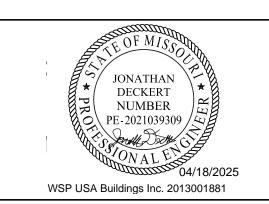
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6900 East Camelback Road

T: 602.943.8950 www.devenneygroup.com

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FACILITY NUMBER: **0972400009**

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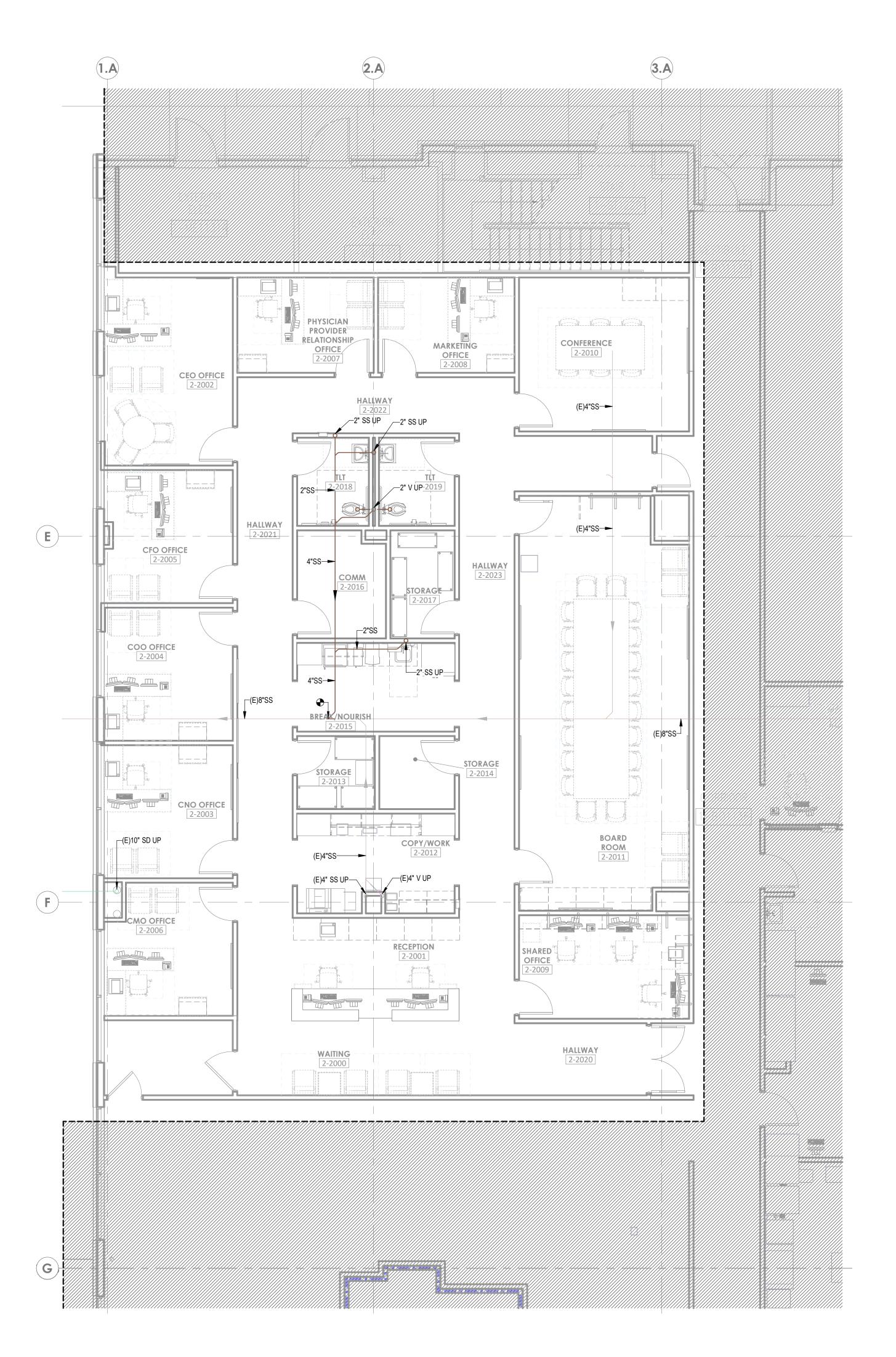
LEVEL 1 - KEYPLAN

DEMOLITION PLAN - LEVEL 1
- ADMIN - PLUMBING

PD02-01

GENERAL NOTES

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

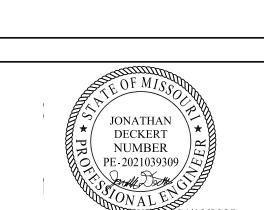


UNDERFLOOR PLAN - ADMIN - PLUMBING



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6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251
T: 602.943.8950

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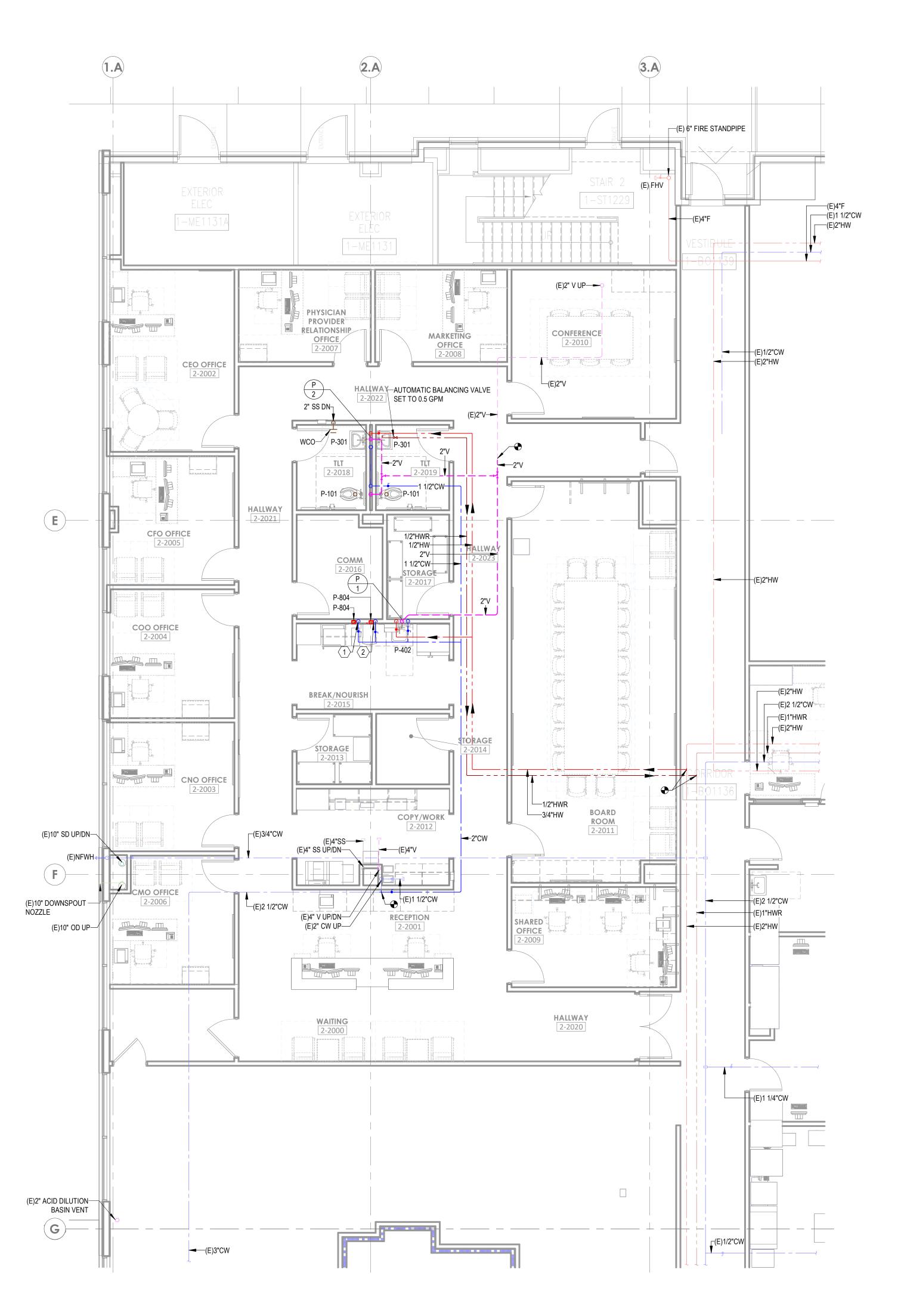
REV# DESCRIPTION DATE

LEVEL 1 - KEYPLAN

| Solution | Solution

UNDERFLOOR PLAN ADMIN - PLUMBING

P02-00



FLOOR PLAN - LEVEL 1 - ADMIN - PLUMBING

GENERAL NOTES

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

LEGEND NOTES

- PROVIDE DOUBLE CHECK VALVE ON COLD WATER SUPPLY TO ICE MAKER.
- PROVIDE DUAL CHECK VALVE ON COLD WATER SUPPLY TO COFFEE MAKER.

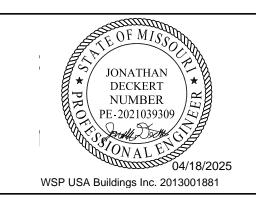


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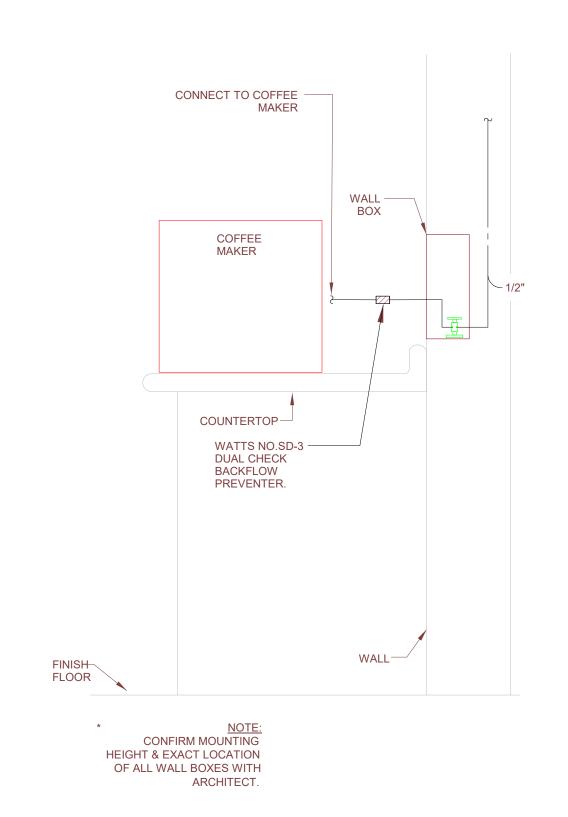
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LEVEL 1 - KEYPLAN

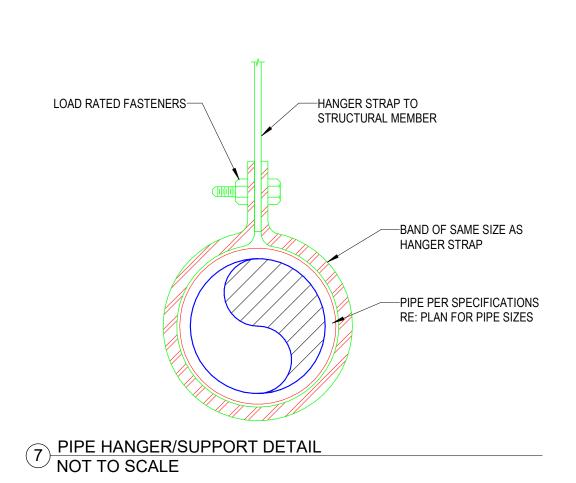
DATE: 04/18/2025
SCALE: As indicated
DRAWN: CD
REVIEWED: LW
JOB NUMBER: 6406.24

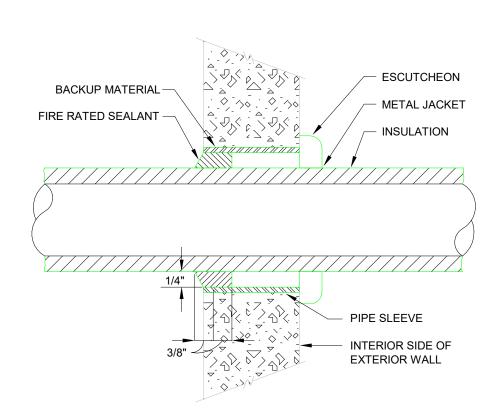
FLOOR PLAN - LEVEL 1 - ADMIN - PLUMBING

P02-01

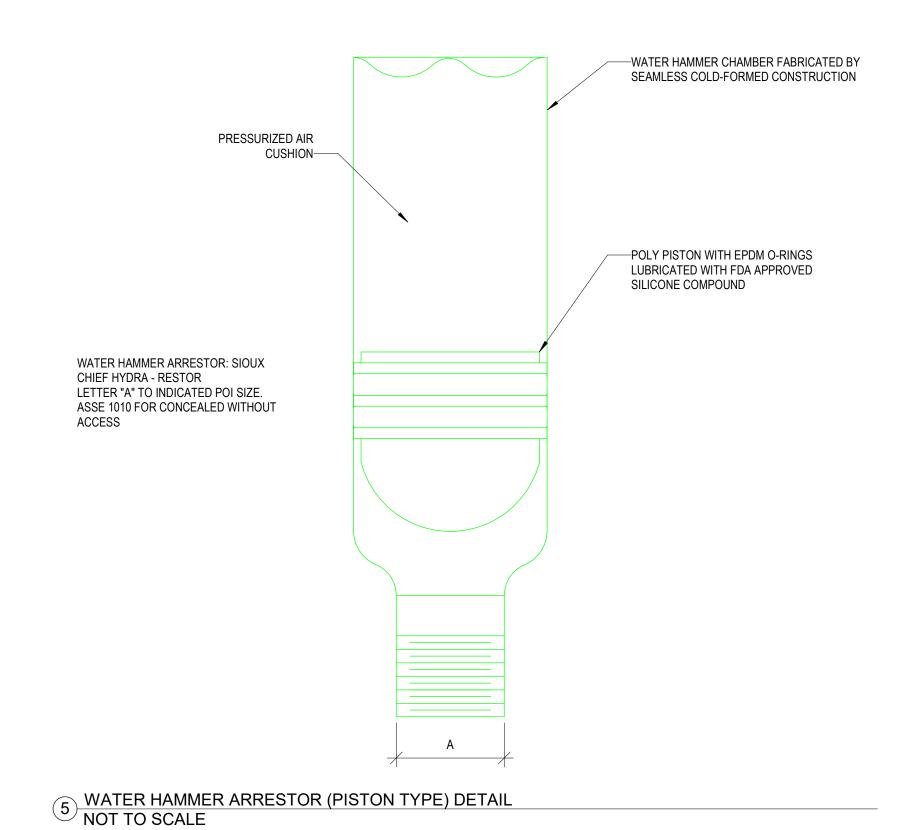


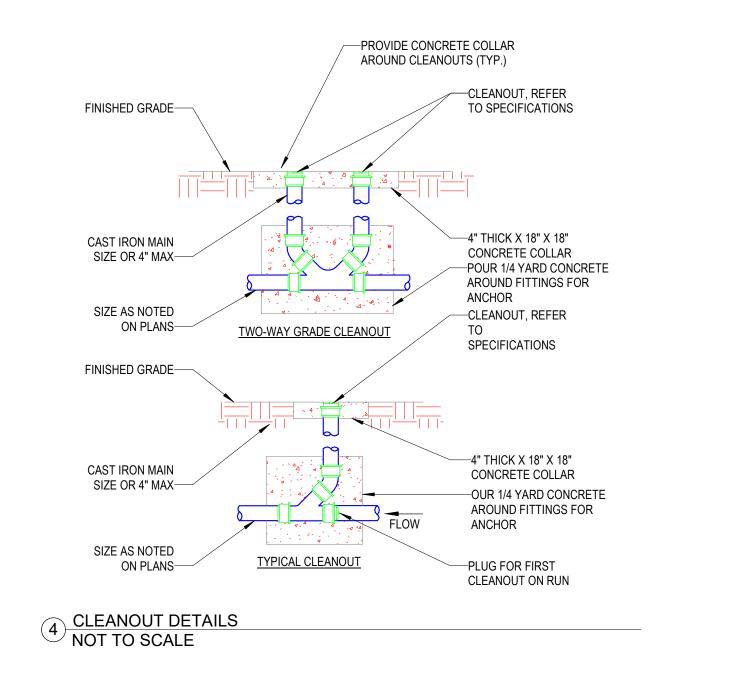
8 COFFEE MAKER DETAIL NOT TO SCALE

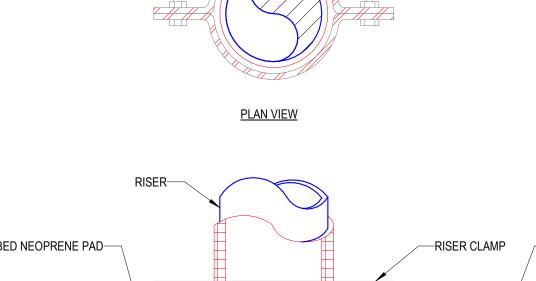


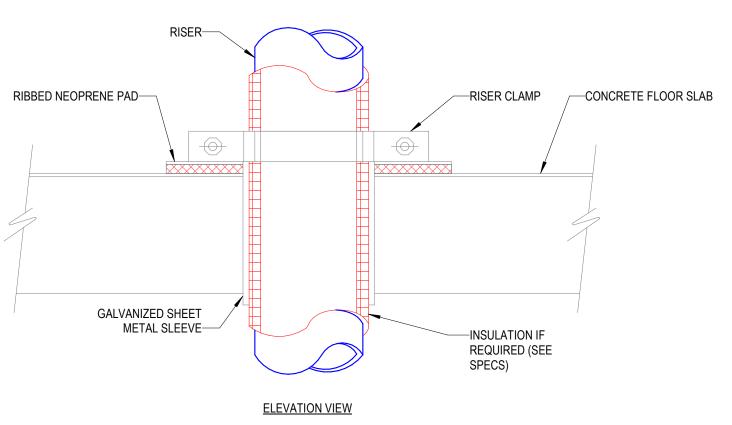


6 INSULATED PIPE THRU WALL - ABOVE GRADE NOT TO SCAKE

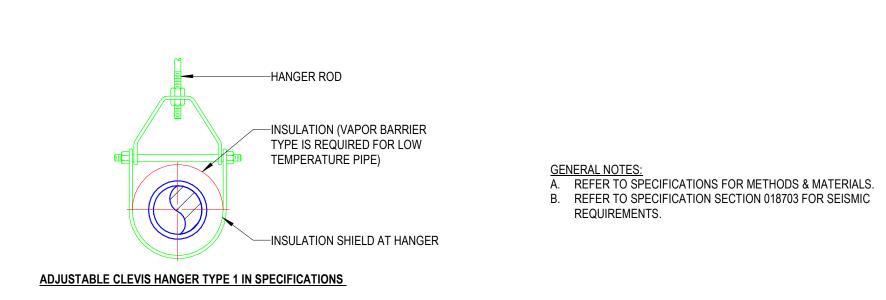


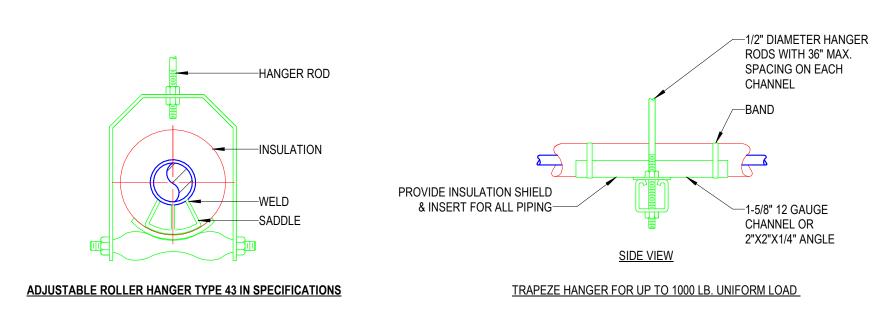




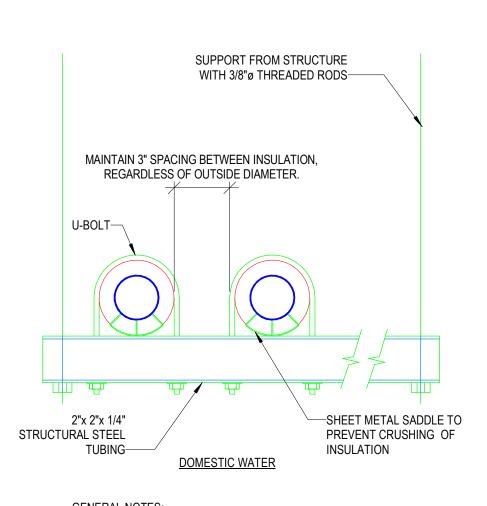


3 TYPICAL FLOOR PENETRATION DETAIL NOT TO SCALE





2 PIPE SUPPORT DETAILS NOT TO SCALE



GENERAL NOTES:

A. REFER TO SPECIFICATIONS FOR METHODS & MATERIALS.
B. REFER TO SPECIFICATION SECTION 018703 FOR SEISMIC REQUIREMENTS.

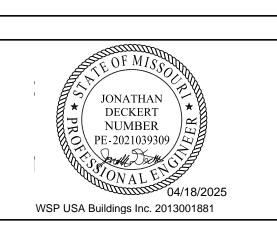
TRAPEZE PIPE HANGER DETAILS
NOT TO SCALE

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Devenney Group Ltd., Architects
6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251
T: 602.943.8950

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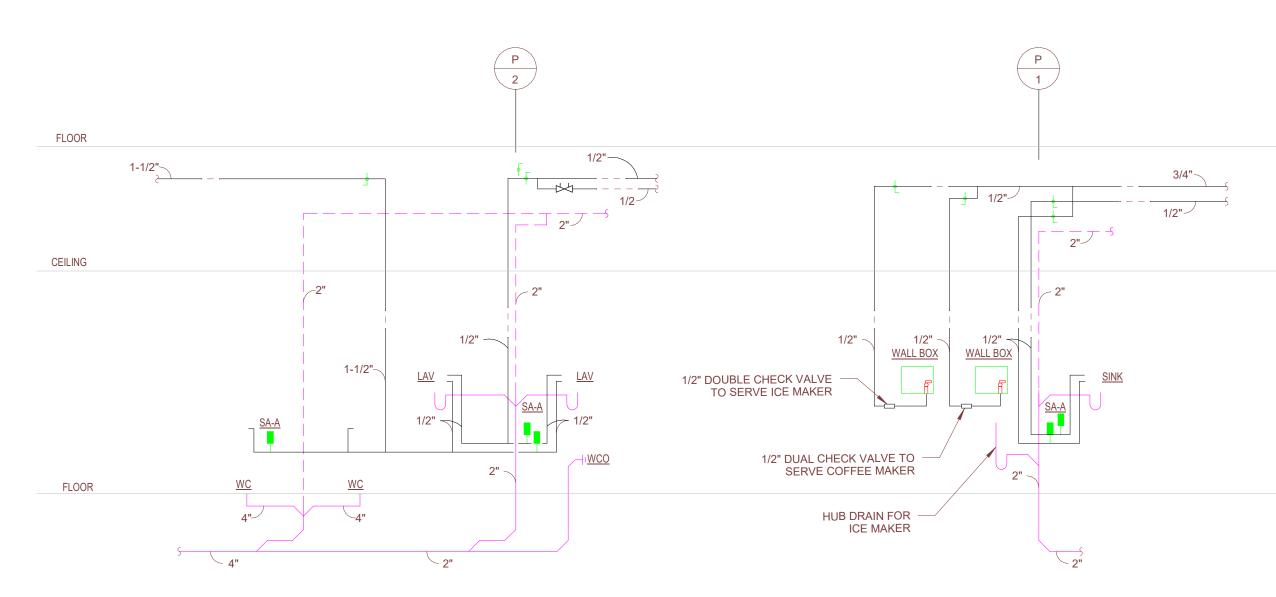
FACILITY NUMBER:
0972400009

AGENCY APPROVALS:

DATE: 04/18/2025
SCALE: NOT TO SCALE
DRAWN: CD
REVIEWED: LW
JOB NUMBER: 6406.24

DETAILS - PLUMBING

P07-01



01 PLUMBING RISER DIAGRAMS
NO SCALE

						PLUMBING FIXTURE
HCA DESIG.	FIXTURE TYPE	SAN.SEWER	VENT	COLD WATER	HOT WATER	DESCRIPTION
P-101	WATER CLOSET ADA COMPLIANT PUBLIC	4"	2"	1 1/2"	-	WATER CLOSET: ZURN MODEL No. Z5665-BWL1 (WHITE) FLUSH VALVE WATER CLOSET, VITREOUS CHINA, 16-3/4" RIM HEIGHT, 10" ROUGHING-IN, LOW CONSUMPTION 1.1 GALLONS PER FLUSH, ELONGATED BOWL, DIRECT FED SIPHON JET ACTION, FULLY GLAZED TRAPWAY, 1½" TOP SPUD. FLUSH VALVE: ZURN MODEL No. Z-6000-AV-HET, HIGH EFFICIENCY (HET) 1.28 GPF, VACUUM BREAKER FLUSH CONNECTION, 1" I.P.S. BACK-CHECK ANGLE STOP, DIAPHRAGM TYPE MANUAL FLUSH VALVE, CHROME PLATED, VANDAL RESISTANT STOP CAP. SEAT: PROFLO MODEL No. PFTSCOF2000WH, WHITE OPEN SEAT FRONT LESS COVER, WITH SELF SUSTAINING CHECK HINGE.
P-301	LAVATORY - WALL HUNG ADA COMPLIANT PUBLIC	2"	2"	1/2"	1/2"	LAVATORY: ZURN MODEL No. Z5344 WALL HUNG LAVATORY, VITREOUS CHINA. FAUCET: ZURN MODEL No. Z812A4-XL-FC-05 4" FIXED CENTERS RIGID OR SWING GOOSENECK SPOUT, WITH 0.5 GPM FLOW CONTROL IN BASE OF SPOUT, WITH 4" WRISTBLADE HANDLES. MIXING VALVE: WILKINS MODEL No. ZW3870XLT-4PC 3/8" POINT OF USE THERMOSTATIC MIXING VALVE 4-PORT, ASSE 1070 LISTED. STRAINER AND TAILPIECE: PROFLO MODEL No. PFGD100 1-1/4" X 6" CP GRID DRAIN AND TAILPIECE P-TRAP: PROFLO MODEL No. PFPTB400 1-1/4" CHROME PLATED CAST BRASS BODY P-TRAP, TUBULAR BRASS WALL BEND AND No. PF202WH TRAP WRAP KIT. STOPS AND RISERS: TWO PFXQAC32C LEAD FREE 1/4 TURN CHROME PLATED BRASS ANGLE STOPS, TWO PFE7 1/2" CP ESCUTCHEONS, TWO PFX146324 20" FLEXIBLE STAINLESS STEEL RISERS, AND TWO PROFLO PFX146342 12" 3/8" FLEX RISERS. CARRIER: ZURN MODEL ZZ1231 FLOOR MOUNTED CARRIER
P-402	SINK SINGLE COMPARTMENT ADA COMPLIANT	2"	2"	1/2"	1/2"	SINK: ELKAY MODEL LRAD1919-55-3 TYPE 304 NICKEL BEARING STAINLESS STEEL, SELF RIMMING. 19-1/2" X 19" X 5-1/2" DEPTH ADA COMPLIANT WITH OFF-CENTERED OUTLET TO THE REAR. BOWL SIZE 16"x 13-1/2". 3-1/2" DRAIN AND "SOUND GUARD" UNDERCOATING. FAUCET: ZURN MODEL No. Z831B4-XL-FC 1.5, 8" FIXED CENTERS RIGID OR SWING GOOSENECK SPOUT, WITH 1.5 GPM FLOW CONTROL IN BASE OF SPOUT AND WITH 4" WRISTBLADE HANDLES. STRAINER/TAILPIECE: PROFLO MODEL No. PFWTS CHROME PLATED BRASS 4-1/2" WIDE STRAINER WITH PROFLO PFTPB100 17 GA FLANGED TAILPIECE. P-TRAP: PROFLO MODEL No. PFPTB403 1-1/2 17 GA CHROME PLATED CAST BRASS BODY P-TRAP, TUBULAR BRASS WALL BEND. STOPS AND RISERS: TWO PFXQAC32C LEAD FREE 1/4 TURN CHROME PLATED BRASS ANGLE STOPS, TWO PFE7 1/2" CP ESCUTCHEONS AND TWO PFX146324 20" FLEXIBLE STAINLESS STEEL RISERS.
P-804	ICE MAKER	-	_	1/2"	_	OATEY MODEL 39140 20 GAUGE STEEL ICE MAKER BOX WITH 1/4 TURN BALL VALVE AND WATER HAMMER ARRESTOR, LOW LEAD COMPLIANT.

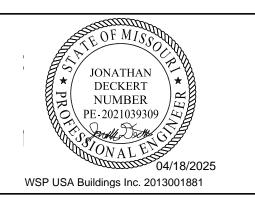


Devenney Group Ltd., Architects

6900 East Camelback Road Suite 500 Scottsdale, AZ 85251

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ADMINISTRATION RELOCATION

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:

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SCHEDULES - PLUMBING

P08-01

GENERAL NOTES - ALL HVAC SHEETS

N. ALL MECHANICAL, ELECTRICAL, AND PLUMBING WORK SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL BUILDING CODES. REFER TO SPECIFICATIONS FOR MATERIALS AND METHODS FOR MECHANICAL AND PLUMBING CONSTRUCTION. B. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, PAY ALL FEES, AND COMPLY WITH ALL NATIONAL, STATE, AND

MUNICIPAL LAWS, CODES, AND ORDINANCES RELATING TO BUILDING AND PUBLIC SAFETY. CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, AND LABOR REQUIRED FOR A COMPLETE WORKING AND

D. COORDINATE THE EXACT LOCATION OF MECHANICAL AND PLUMBING EQUIPMENT WITH THE LOCATIONS OF LIGHT FIXTURES, PIPING, CONDUIT, AND OTHER CONSTRUCTION, TO ALLOW FOR PROPER ACCESS TO SERVICE EQUIPMENT.

E. COORDINATE THE LOCATION OF DUCTWORK AND PIPING WITH OTHER TRADES AND PROVIDE OFFSETS IN DUCTWORK AND PIPING AS REQUIRED.

F. IT IS THE INTENT OF THESE DOCUMENTS TO ALLOW ALL CEILING CONSTRUCTION AND HEIGHTS TO BE AS SHOWN ON THE ARCHITECTURAL DRAWINGS. COORDINATE THE LOCATION OF DUCTWORK AND PIPING AND PROVIDE OFFSETS IN DUCTWORK AND PIPING AS REQUIRED TO MEET THIS INTENT.

G. CONDUIT, PIPING, AND DUCTWORK SHALL BE INDEPENDENTLY SUPPORTED, AND EACH SUPPORT SHALL BE INDEPENDENT OF PARTITION AND CEILING SYSTEM SUPPORTS. WHERE INDEPENDENT SUPPORT IS NOT POSSIBLE AN ENGINEERED SUPPORT SYSTEM SHALL BE UTILIZED.

H. INSTALL ALL FLOOR MOUNTED EQUIPMENT ON PADS AS SPECIFIED. PAD BY GENERAL CONTRACTOR. COORDINATE REQUIREMENTS WITH GENERAL CONTRACTOR.

I. ALL WORK SHALL BE SCHEDULED AND PERFORMED IN STRICT COORDINATION WITH ARCHITECTURAL PHASING PLANS AND WITH HOSPITAL SCHEDULES, OCCUPANCIES, AND WORK.

J. PROTECT EQUIPMENT AND WORK FROM DAMAGE DURING HANDLING AND INSTALLATION UNTIL COMPLETION OF

K. REMOVE ALL EXCESS MATERIAL AND DEBRIS AND CLEAN ALL EQUIPMENT UPON COMPLETION OF WORK. TOUCH UP

L. CONTRACTOR SHALL VISIT JOBSITE AND VERIFY SIZE AND LOCATION OF ALL EXISTING ITEMS AND CONDITIONS.

M. ALL CONNECTION BETWEEN PIPES OF DISSIMILAR MATERIALS SHALL BE MADE WITH DIELECTRIC UNIONS.

N. CONTRACTOR SHALL COORDINATE ALL WORK CLOSELY WITH EXISTING CONDITIONS AND WITH ALL OTHER TRADES.

O. ALL EXISTING FACILITIES SHALL BE PROTECTED DURING THE CONSTRUCTION ACTIVITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE AND STORE ITEMS WHICH ARE SUBJECT TO DAMAGE.

P. ARCHITECT SHALL HAVE FINAL APPROVAL OF ALL GRILLE, DIFFUSER, AND THERMOSTAT LOCATIONS.

Q. COORDINATE ALL AIR DEVICE LOCATIONS AND MOUNTING FRAME STYLES WITH LIGHTING PLANS AND ARCHITECTURAL REFLECTED CEILING PLANS.

R. COORDINATE ALL WALL MOUNTED DEVICE LOCATIONS WITH ARCHITECTURAL INTERIOR ELEVATIONS.

S. DEMOLITION OF EACH PHASE SHALL OCCUR AS PART OF THE WORK FOR THAT PHASE. REMOVE ONLY THE WORK THAT

SERVES THE AREA OF DEMOLITION.

T. PROVISIONS SHALL BE MADE BY THE CONTRACTOR TO PREVENT DISRUPTING ADJACENT AREAS OF THE PHASE IN WHICH WORK IS BEING PERFORMED.

U. PROVIDE ADDITIONAL VALVES, TAPS, TEMPORARY DUCTWORK, ETC. AS NECESSARY TO PROVIDE UNINTERRUPTED SERVICE TO AREAS OUTSIDE OF THE PHASE IN WHICH WORK IS BEING PERFORMED.

V. ALL NECESSARY SHUTDOWNS OR OUT OF PHASE WORK SHALL BE COORDINATED WITH THE HOSPITAL REPRESENTATIVE.

W. DUCT SIZES ARE NET FREE AREA. X. PROVIDE ROUND DUCTS TO ALL AIR DEVICES UNLESS NOTED OTHERWISE. DUCT SIZE SHALL MATCH AIR DEVICE NECK SIZE OR THE TABLE IN AIR DEVICE SCHEDULE, WHICHEVER IS LARGER. FLEXIBLE DUCTS SHALL BE SIZED SIMILARLY. DO NOT

USE FLEXIBLE DUCTS ABOVE NON-LAYIN CEILINGS. Y. TERMINAL BOX INLET DUCTS: SIZE THE RUNOUT DUCT AND ITS TAP AT MAIN TRUCK PER VAV BOX SCHEDULE UNLESS

NOTED OTHERWISE ON PLANS Z. TERMINAL BOX OUTLET DUCTS: SIZE THE LOW PRESSURE OUTLET DUCT TO BE SIZE OF TERMINAL BOX DISCHARGE

UNLESS NOTED OTHERWISE ON PLANS. AA. PROVIDE FRAMED 0.5" BY 0.5" BIRD SCREEN (GALVANIZED STEEL ASSEMBLY) AT ALL DUCTS TERMINATING WITHOUT AN

AIR DEVICE, AND AT UNDUCTED AIR FLOW OPENINGS AT EQUIPMENT. PROVIDE 0.5" BY 0.5" BIRD SCREEN (316 STAINLESS STEEL) AT ALL INDOOR FACE OF LOUVERS AND UNDUCTED AIR FLOW OPENINGS TO EQUIPMENT HANDLING OUTSIDE AIR.

AB. PROVIDE MANUAL VOLUME DAMPER IN EACH AIR DEVICE RUNOUT DUCT AS FAR FROM AIR DEVICE AS POSSIBLE. AC. INSTALL SPACE THERMOSTAT ADJACENT TO LATCH SIDE OF DOOR IN SPACE INDICATED.

AD. INDICATED SPACE THERMOSTAT LOCATIONS ARE APPROXIMATE, AVOID HEAT PRODUCING EQUIPMENT.

AE. FINAL SPACE THERMOSTAT/SENSOR LOCATIONS SHALL BE AS DIRECTED BY THE ARCHITECT.

AF. INSTALL HUMIDISTATS IN SIMILAR FASHION.

PERFORMANCE AFTER CONSTRUCTION.

AG. INSTALL TURNING VANES IN ALL 90 DEGREE SQUARE ELLS IN SUPPLY, RETURN, AND EXHAUST DUCTS. (NONE ALLOWED

AH. LOCATE ISOLATION VALVES FOR EQUIPMENT AS CLOSE TO THE MAIN AS POSSIBLE.

AI. PROVIDE CONDENSATE DRAIN PIPING FROM ALL COOLING COILS TO DRAIN.

AJ. MULTI-BLADE DAMPERS OF ANY TYPE INSTALLED WITHIN 36" OF AN ELL OR OTHER FITTING SHALL BE INSTALLED WITH THE DAMPER BLADE SHAFTS PARALLEL TO THE AIRSTREAM FLOW DIRECTION UPSTREAM OF THE FITTING.

AND PLUMBING EQUIPMENT TO MAINTAIN NEC REQUIRED CLEARANCES OF 42" DEEP AND 30" WIDE IN FRONT OF EQUIPMENT. AL. ALL FIRE AND COMBINATION FIRE/SMOKE DAMPERS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS INSTALLATION DETAILS AND BE U.L. TESTED AND LISTED.

AK. COORDINATE LOCATION OF ALL DISCONNECTS. CONTROL PANELS AND ELECTRICAL CONNECTIONS FOR MECHANICAL

AM. FULLY INTEGRATE ALL NEW CONTROLS WITH ALL EXISTING / MODIFIED EQUIPMENT BACK TO NEW FMS AND ENGINEER'S WORKSTATION IN RENOVATION PROJECT.

AN. PROVIDE FILTER GAUGE ACROSS EACH FILTER BANK SERVING CENTRAL AIR SYSTEMS. THE GAUGE SHALL BE RED LINED OR A FILTER ALARM LIGHT INSTALLED TO SIGNAL WITH THE RECOMMENDED MAXIMUM STATIC PRESSURE DROP HAS BEEN REACHED. USE MAXIMUM STATIC PRESSURE AS RECOMMENDED BY FILTER MANUFACTURER.

AO. PIPE CONNECTIONS LESS THAN 2-1/2" TO HEATING COILS, COOLING COILS, HUMIDIFIERS AND SIMILAR EQUIPMENT SHALL HAVE FLEXIBLE CONNECTORS OR THREE 90-DEGREE OFFSETS IN CLOSE PROXIMITY OF THE CONNECTION. AP. CONTRACTOR SHALL RE-INSPECT RECOMMENDED CONNECTION POINTS AFTER DEMOLITION PHASE TO ENSURE TIE-IN

POINTS ARE ADEQUATE FOR RENOVATION SYSTEMS. AQ. CONTRACTOR SHALL TEST AND BALANCE ALL EXISTING SYSTEMS THAT ARE TO BE CONNECTED TO FOR THE RENOVATION PHASE PRIOR TO INSTALLING NEW WORK AND DOCUMENT VALUES. CONTRACTORS SHALL RE-TEST AND

BALANCE EXISTING SYSTEMS AFTER CONNECTION TO ENSURE ALL DOWN STREAM SYSTEMS ARE PROVIDED THE SAME

AR. ALL DISCONNECTS DOWN STREAM OF VFDS SHALL BE PROVIDED WITH AUXILIARY CONTACTS TO SHUT DOWN UPSTREAM VFD WHEN SWITCH IS OPEN.

GENERAL PIPING NOTES

A. REFER TO THE ARCHITECTURAL PHASING PLAN FOR THE AREAS SHOWN ON THIS SET OF PLANS. WORK SHALL BE SCHEDULED AND PERFORMED IN SEQUENCE WITH THE PHASING PLAN.

B. DEMOLITION OF EACH PHASE SHALL OCCUR AS PART OF THE WORK FOR THAT PHASE. REMOVE ONLY THE WORK THAT SERVES THE AREA OF DEMOLITION.

C. PROVISIONS SHALL BE MADE BY THE CONTRACTOR TO PREVENT DISRUPTING ADJACENT AREAS OF THE PHASE IN WHICH WORK IS BEING PERFORMED.

D. PROVIDE ADDITIONAL VALVES, TAPS, TEMPORARY DUCTWORK AND/OR PIPING AS NECESSARY TO PROVIDE UNINTERRUPTED SERVICE TO AREAS OUTSIDE OF THE PHASE IN WHICH WORK IS BEING PERFORMED.

E. ALL WORK SHALL BE PERFORMED IN STRICT COORDINATION WITH HOSPITAL SCHEDULES, OCCUPANCIES, AND WORK. CONTRACTOR SHALL COORDINATE WITH HOSPITAL REPRESENTATIVE. F. ALL NECESSARY SHUTDOWNS OR OUT OF PHASE WORK SHALL BE SCHEDULED WITH THE HOSPITAL REPRESENTATIVE IN A

TIMELY MANNER AS TO MINIMIZE THE DISRUPTION TO THE FACILITY.

H. G.C. TO PROVIDE ACCESS DOORS IF REQUIRED FOR ACCESS TO VAV'S AND ANY VALVES THAT ARE NOT ACCESSIBLE. VERIFY SIZE AND LOCATIONS WITH MECHANICAL CONTRACTOR.

I. CONTRACTOR SHALL RE-INSPECT RECOMMENDED CONNECTION POINTS AFTER DEMOLITION PHASE TO ENSURE TIE-IN POINTS ARE ADEQUATE FOR RENOVATION SYSTEMS.

J. CONTRACTOR SHALL TEST AND BALANCE ALL EXISTING SYSTEMS THAT ARE TO BE CONNECTED TO FOR THE RENOVATION PHASE PRIOR TO INSTALLING NEW WORK AND DOCUMENT VALUES. CONTRACTORS SHALL RE-TEST AND BALANCE EXISTING SYSTEMS AFTER CONNECTION TO ENSURE ALL DOWN STREAM SYSTEMS ARE PROVIDED THE SAME PERFORMANCE AFTER CONSTRUCTION.

K. CONTRACTOR SHALL COORDINATE ALL SLAB PENETRATIONS WITH EXISTING WAFFLE SLAB RIDGES AND BEAMS.

GENERAL DEMOLITION NOTES

ASSEMBLY SCREWED IN PLACE.

PERFORMED IN SEQUENCE WITH THE PHASING PLAN.

G. ARCHITECT SHALL HAVE FINAL APPROVAL OF ALL THERMOSTAT LOCATIONS.

A. ALL CAPPED DUCT TAPS AND CONNECTING DUCTS THAT ARE NOT BEING USED ARE TO BE REMOVED BACK TO THE MAIN DUCT AND PATCHED AS PER ITEM B BELOW.

B. PATCH OPENINGS IN EXISTING DUCTWORK THAT IS TO REMAIN INCLUDING OPENINGS. WHERE TAPS OR DUCTWORK ARE TO BE REMOVED, THE FOLLOWING SHALL OCCUR:

OPENINGS IN THE MAIN DUCTS ARE TO BE COVERED WITH A SHEET METAL PATCH. THE PATCH IS TO BE LARGER THAN THE EXISTING OPENING AND IS TO BE SECURED WITH SHEET METAL SCREWS FOUR INCHES ON CENTERS.

A LIBERAL QUANTITY OF FIRE RESISTANT ADHESIVE IS TO BE APPLIED TO THE EDGES OF THE METAL PATCH AND THE

C. REFER TO THE ARCHITECTURAL PHASING PLAN FOR THE AREAS SHOWN ON THIS PLAN. WORK SHALL BE SCHEDULED AND

D. DEMOLITION OF EACH PHASE SHALL OCCUR AS PART OF THE WORK FOR THAT PHASE. REMOVE ONLY THE WORK THAT SERVES THE AREA OF DEMOLITION.

E. PROVISIONS SHALL BE MADE BY THE CONTRACTOR TO PREVENT DISRUPTING ADJACENT AREAS OF THE PHASE IN WHICH

F. PROVIDE ADDITIONAL VALVES, TAPS, TEMPORARY DUCTWORK AND/OR PIPING AS NECESSARY TO PROVIDE UNINTERRUPTED SERVICE TO AREAS OUTSIDE OF THE PHASE IN WHICH WORK IS BEING PERFORMED.

G. ALL WORK SHALL BE PERFORMED IN STRICT COORDINATION WITH HOSPITAL SCHEDULES, OCCUPANCIES AND WORK.

CONTRACTOR SHALL COORDINATE WITH HOSPITAL REPRESENTATIVE. H. ALL NECESSARY SHUTDOWNS OR OUT OF PHASE WORK SHALL BE SCHEDULED WITH THE HOSPITAL REPRESENTATIVE.

I. FOR ALL MINOR RENOVATION AREAS, THE CONTRACTOR IS TO UNDERTAKE A FULL PRE-TAB OF ALL GRILLES AND DIFFUSERS WITHIN THE AREAS PRIOR TO DEMOLITION. THE REPORT SHOULD BE SENT TO THE EOR. UPON COMPLETION OF THE GRILLE/DIFFUSER REPLACEMENTS IN THESE AREAS. THE CONTRACTOR IS REQUIRED TO RE-BALANCE THE SYSTEM BACK TO THE VALUES DOCUMENTED WITHIN THE PRE-TAB REPORT. PLEASE NOTE THE PRE-TAB IS TO BE PERFORMED PRIOR TO ANY WORK ASSOCIATED WITH THE RESPECTIVE SYSTEMS BEING UNDERTAKEN.

FIRE ALARM SEQUENCE OF OPERATION

ON THEIR RESPECTIVE SMOKE COMPARTMENTS. ALL ISOLATION EXHAUST FANS TO REMAIN IN OPERATION. ALL ASSOCIATED SMOKE AND COMBINATION FIRE/SMOKE DAMPERS SERVING SYSTEMS THAT SHUT OFF UPON FIRE ALARM SHALL CLOSE DURING FIRE ALARM.

LIFE SAFETY SYSTEM

MEDICAL GAS ALARM

SMOKE DAMPER/ACTUATOR

DUCT SMOKE DETECTOR

FIRE SPRINKLER SYSTEM

WATERFLOW SWITCHES

SUPERVISORY CONTACTS

MOTOR STARTERS (NON-INTEGRAL TO EQUIP.)

DISCONNECT SWITCHES (NON-INTEGRAL TO EQUIP.)

COMBINATION MOTOR STARTER/DISCONNECT (INTEGRAL TO EQUIP.)

COMBINATION MOTOR STARTER/DISCONNECT (NON-INTEGRAL TO EQUIP.)

TAMPER SWITCHES

MOTOR STARTERS (INTEGRAL TO EQUIP.)

VARIABLE FREQUENCY DRIVES (VFD'S)

FIRE/SMOKE DAMPER/ACTUATOR

NURSE CALL/FIRE ALARM INTERFACE

DES	SIGN CRITERI	Α
LOCATION: CITY/STATE	LEE'S SUMMIT	Γ, MISSOURI
APPLICABLE CODES BUILDING MECHANICAL PLUMBING ENERGY ELECTRICAL FIRE	S: 2018 IBC 2018 IMC 2018 IPC 2018 IECC 2017 NEC 2018 IFC	
<u>LATITUDE:</u> DEG. N. LAT.		38.9
LONGITUDE: DEG. W. LONG.	,	94.3
ELEVATION: FT. ABOVE SEA LEV	/EL 9	997
ASHRAE SUMMER D 0.4% DRY BULB 0.4% WET BULB		39.9 °F 79.5 °F
ASHRAE WINTER DI 99% WET BULB HCA DESIGN CRITE		3.9 °F ·10 °F
BUILDING SPACE D SUMMER DB WINTER DB	·	72°F 68°F
SUPPLY AIR TEMPE DEG. F. DRY BULB		55°F

	MECHANICAL	ABE	BREVIATIONS
AC	ABOVE CEILING	GEF	GENERAL EXHAUST FAN
AFF	ABOVE FINISHED FLOOR	HW	HEATING HOT WATER
AHU	AIR HANDLING UNIT	IBT	INVERTED BUCKET TRAP
Al	ANALOG INPUT	IN HG	INCHES MERCURY (PRESSURE)
AO	ANALOG OUTPUT	IN WC	INCHES WATER COLUMN (PRESSURE)
BF	BELOW FLOOR, BLIND FLANGE	LE	LAUNDRY EQUIPMENT
BFC	BELOW FINISHED CEILING	MA	MIXED AIR
BG	BELOW GRADE	MVD	MOTORIZED VOLUME DAMPER
BV	BUTTERFLY VALVE	N	NEW
CHW	CHILLED WATER	OA	OUTSIDEAIR
CRU	COMPUTER ROOM UNIT	OBD	OPPOSED BLADE DAMPER
CRU	CONDENSATE RETURN UNIT	PRV	PRESSURE RELIEF VALVE
CU	CONDENSING UNIT	R	RELOCATED
DI	DIGITAL INPUT	RA	RETURN AIR
DO	DIGITAL OUTPUT	RCA	RECIRCULATED (RETURN) AIR
DS	DISCONNECT SWITCH	RLA	RELIEF AIR
E	EXISTING	SA	SUPPLY AIR
EDH	ELECTRIC DUCT HEATER	SF	SUPPLY FAN
EUH	ELECTRIC UNIT HEATER	SV	SAFETY VALVE
EA	EXHAUST AIR	TAV	THERMOSTATIC AIR VENT (STEAM SYSTEM
EF	EXHAUST FAN	UH	UNIT HEATER
FCU	FAN COIL UNIT	UNO	UNLESS NOTED OTHERWISE
FMB	FILTER MIXING BOX	VAV	VARIABLE AIR VOLUME
FPB	FAN POWERED BOX	VD	VOLUME DAMPER
FPI	FINS PER INCH	WH	WATER HEATER
GC	GENERAL CONTRACTOR	WHP	WATER-SOURCE HEAT PUMP

YMBOLS	DESCRIPTION
Al	ANALOG INPUT
AO	ANALOG OUTPUT
DI	DIGITAL INPUT
DO	DIGITAL OUTPUT
TT-X	TEMPERATURE TRANSMITTER #X
HT-X	RELATIVE HUMIDITY TRANSMITTER #X
V-X	CONTROL VALVE #X
SPT-X	STATIC PRESSURE TRANSMITTER #X
ESC-X	END SWITCH, NORMALLY CLOSED #X
ESO-X	END SWITCH, NORMALLY OPEN #X
TS-X	TEMERATURE SENSOR #X
SD-X	SMOKE DETECTOR #X
OL	OVERLOAD RELAY #X
DPS-X	DIFFERENTIAL PRESSURE SENSOR #X
CSR-X	CURRENT SENSING RELAY #X
FM-X	FLOW METER #X
FS-X	FLOW SWITCH #X
EAS-X	EMERGENCY AIR HANDLER SHUT DOWN BUTTON #X

MECHANICAL/ELECTRICAL SYSTEM COORDINATION SCHEDULE

SYSTEM

NOTE 1: CONTROL OR SUPERVISORY WIRING FOR DISCONNECT SWITCHES WITH AUXILLARY CONTACTS FOR USE WITH VFD'S BY DIV. 23

THIS TABLE IS PROVIDED AS A GUIDE TO THE DOCUMENT PREPARATION AND IN NO WAY INDICATES CONTRACTOR MEANS AND METHODS.

NOTE 2: DIVISION OF SCOPE BETWEEN TRADES IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.

FURNISHED

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DIV 23

DIV 23

DIV 28

DIV 28

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DIV 22

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SUPERVISION

WIRING BY

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DIV 28

DIV 23

DIV 23

DIV 23

DIV 23

DIV 23

XXXXX

		EXISTING SLUT DIFFUSER
		EXISTING SLOT DIFFUSER TO BE REMOVED OR RELOCATED
	T	THERMOSTAT W/ BACKBOX AND CONDUIT TO ABOVE CEILING
	T	EXISTING THERMOSTAT TO BE REMOVED OR RELOCATED
		45 DEGREE PRESSURE TAP W/ VOLUME DAMPER
		CONICAL TAP W/ VOLUME DAMPER
		CONICAL TAP W/O VOLUME DAMPER
		MANUAL DAMPER
	□ FD	FIRE DAMPER
	SD	SMOKE DAMPER
J	FSD	FIRE/SMOKE DAMPER
	<u> </u>	MOTORIZED DAMPER
	₩BD	BAROMETRIC DAMPER
	—CHS—	CHILLED WATER SUPPLY PIPE
	—CHR—	CHILLED WATER RETURN PIPE
	cs	CONDENSER WATER SUPPLY PIPE
	——CR——	CONDENSER WATER RETURN PIPE
	RL	REFRIGERANT LIQUID PIPE
	RG	REFRIGERANT GAS PIPE
	——HWS—	HEATING WATER SUPPLY
	—HWR—	HEATING WATER RETURN
	—HPS—	HIGH PRESSURE STEAM
	——HPR——	HIGH PRESSURE CONDENSATE RETURN
	LPS	LOW PRESSURE STEAM
	—LPR—	LOW PRESSURE CONDENSATE RETURN
	——PCR——	PUMPED CONDENSATE RETURN
		DOMESTIC COLD WATER
		DOMESTIC HOT WATER
		DOMESTIC HOT WATER RETURN
	SS	SANITARY WASTE LINE
	CD	CONDENSATE DRAIN
	P———	PUMPED SANITARY LINE
		VENT LINE
		DIRECTION OF SLOPE
		DIRECTION OF FLOW
		EXPANSION LOOP
	→	GATE VALVE
	——————————————————————————————————————	BUTTERFLY VALVE
	→	GLOBE VALVE
		TEMPERATURE AND PRESSURE RELIEF VALVE
		BALANCING VALVE
	─	AUTOMATIC 2-WAY CONTROL VALVE
		AUTOMATIC 3-WAY CONTROL VALVE
	——	PLUG VALVE/BALANCING COCK
		SOLENOID VALVE
		CHECK VALVE
		HYDRAULIC SHOCK ARRESTOR
	0>+	VALVE VERTICAL
	——————————————————————————————————————	UNION
		VACUUM BREAKER
		P-TRAP
		FLOOR DRAIN W/ P-TRAP
	● HD	HUB DRAIN
	FCO GCO	FLOOR CLEANOUT OR GRADE CLEANOUT
	WCO_	CLEANOUT OR WALL CLEANOUT
	•	PETE'S PLUG
	+	GAUGE COCK
		THERMOMETER
		THERMOMETER WELL
		STRAINER W/ BLOW-OFF VALVE
		F&T STEAM TRAP
	•	CONNECT TO EXISTING
	(EP)	ELECTRIC PNEUMATIC SWITCH
	lacksquare	POINT OF DEMOLITION

MECHANICAL SYMBOLS

DESCRIPTION

NEW EQUIPMENT DESIGNATION (TOP - EQUIP. ABBREV., BOTTOM - MARK)

NEW DIFFUSER DESIGNATION (TOP - SCHEDULE DESIGN., BOTTOM - CFM)

ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS.

EQUIPMENT

NEW DUCT

_ _ _ +

HHHHH

EXISTING DUCT

RELOCATED

NEW R/A GRILLE

EXISTING R/A GRILLE

NEW EXHAUST GRILLE

NEW SLOT DIFFUSER

EXISTING SLOT DIFFUSER

FLEXIBLE DUCT

EXISTING EXHAUST GRILLE

NEW SUPPLY DIFFUSER

EXISTING SUPPLY DIFFUSER

EXISTING EQUIPMENT

EXISTING DUCT TO BE REMOVED OR

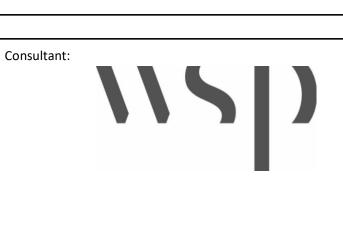
EXISTING SUPPLY DIFFUSER TO BE REMOVED OR RELOCATED

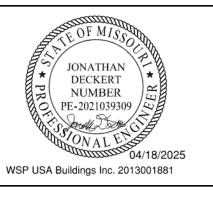
EXISTING R/A GRILLE TO BE REMOVED OR RELOCATED

EXISTING EXHAUST GRILLE TO BE REMOVED OR RELOCATED

SYMBOLS ARE SHOWN SCHEMATICALLY AND MAY NOT BE TO SCALE.







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RELOCATION

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

っしょう | AUTHORITY HAVING JURISDICTION: CITY OF LEE'S SUMMIT BUILDING DEPT. MISSOURI DHSS

FACILITY NUMBER: 0972400009

AGENCY APPROVALS:

REVISIONS DESCRIPTION REV#

DATE

SCALE: REVIEWED: 9 JOB NUMBER

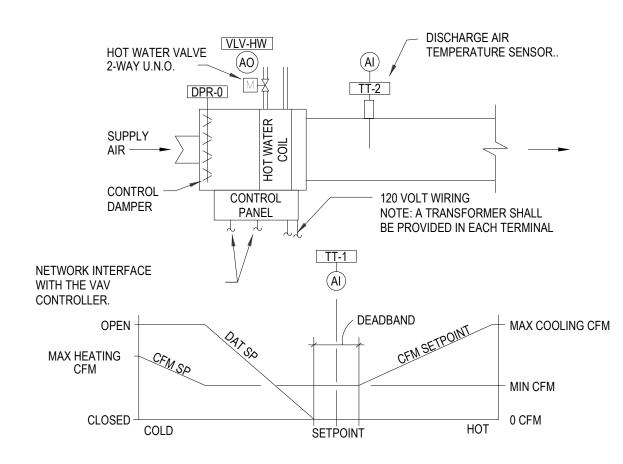
GENERAL INFORMATION MECHANICAL

M00-00

THE DDC SYSTEM SHALL CONNECT TO ANY ALARM RELAY AVAILABLE ON THE SPLIT SYSTEMS TO ECHO THE ALARMS THROUGH THE DDC SYSTEM. ALL POINTS TO BE TRENDED. SPLIT SYSTEMS SHALL RUN UNDER ITS OWN CONTROL TO MAINTAIN ROOM TEMPERATURE SETPOINT. TEMPERATURE OF THE ROOMS SERVED BY SPLIT SYSTEMS SHALL BE MONITORED BY BMS AND SHALL ALARM FOR ROOM TEMPERATURE HIGH (85 F) AND LOW (60 F) LIMITS.

FOR SPLIT SYSTEMS IN ROOMS ALSO SERVED BY A VAV BOX THE SPLIT SYSTEM'S TEMPERATURE SETPOINT SHALL BE SET 3 DEGREES ABOVE THE VAV BOX'S TEMPERATURE SETPOINT. THE SPLIT SYSTEM SHALL FUNCTION AS BACKUP COOLING FOR THE FIRE COMMAND ROOM, AND IDF ROOMS IN THE EVENT THE VAV BOX IS UNABLE TO COOL THE ROOM.

2 SPLIT SYSTEM CONTROL SEQUENCE NOT TO SCALE



TYPICAL VARIABLE VOLUME BOX WITH HOT WATER REHEAT COIL (DUAL PID LOOP)

COOLING AND HEATING
WHEN THE SPACE TEMPERATURE, AS SENSED BY SPACE TEMPERATURE TRANSMITTERS
(TT-1), IS BETWEEN THE HEATING AND COOLING SETPOINTS (FROM THE BAS) THE PRIMARY
CFM SETPOINT WILL BE AT MINIMUM CFM AND THERE WILL BE NO MECHANICAL HEATING.
ON A RISE IN ZONE TEMPERATURE ABOVE THE COOLING SETPOINT, THE PRIMARY CFM
SETPOINT WILL INCREASE THE CFM AND THERE WILL BE NO MECHANICAL HEATING. ON A
DROP IN ZONE TEMPERATURE BELOW THE HEATING SETPOINT, THE REHEAT COIL WILL
MODULATE TO MAINTAIN THE DISCHARGE AIR TEMPERATURE SETPOINT. THE DISCHARGE AIR
TEMPERATURE SETPOINT WILL RESET AS THE ZONE TEMPERATURE CHANGES. AFTER THE
DISCHARGE AIR TEMPERATURE SETPOINT REACHES THE HIGH LIMIT SETPOINT (95F, ADJ),
THE BOX AIR FLOW IS INCREASED TO THE HEATING MAX FLOW SETPOINT.

THE CONTROL DAMPER SHALL MODULATE TO MAINTAIN THE CFM SETPOINT. THE CFM SETPOINT SHALL BE RESET FROM MINIMUM AIR FLOW TO A MAXIMUM AIR FLOW.

GAIN OF VAV DAMPER CONTROL SHALL NOT EXCEED 20%.

THE DEADBAND SHALL NOT EXCEED +/-0.5°F.
THE FOLLOWING POINTS SHALL BE MAPPED AND TRENDED FROM THE OPERATORS
WORKSTATION. A VAV BOX SUMMARY SHALL BE PROGRAMMED TO ALLOW THE OPERATOR
TO VIEW THE FOLLOWING POINTS IN TABULAR FORM:
- SPACE TEMPERATURE SETPOINT

- SPACE TEMPERATURE SETPOINT
- CURRENT SPACE TEMPERATURE
- CFM SETTING
- CURRENT CFM
- DAMPER POSITION
- VALVE POSITION
- VALVE POSITION

- VAV DISCHARGE AIR TEMP ALL POINTS SHALL BE TRENDED.

1 DUAL PID LOOP VARIABLE VOLUME AND CONSTANT VOLUME BOX WITH HEATING WATER COIL NOT TO SCALE



Devenney Group Ltd., Architects
6900 East Camelback Road

Scottsdale, AZ 85251 T: 602.943.8950

Suite 500

www.devenneygroup.com





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ADMINISTRATION RELOCATION

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**

DISCHARGE AIR

120 VOLT WIRING

EACH TERMINAL.

NOTE: A TRANSFORMER SHALL BE PROVIDED IN

HOT WATER VALVE

2-WAY U.N.O.

CONTROL

DAMPER

NETWORK INTERFACE

COOLING AND HEATING

WITH THE VAV

CONTROLLER.

OPEN +

CONTROL

PANEL

TYPICAL CONSTANT VOLUME BOX WITH HOT WATER REHEAT COIL

THROUGH THE DDC, MODULATE OPEN THE HOT WATER VALVE.

THE MINIMUM CFM AS INDICATED ON THE DRAWINGS.

BE ADJUSTABLE THROUGH THE DDC CONTROL SYSTEM.

GAIN OF VAV DAMPER CONTROL SHALL NOT EXCEED 20%.

THE DEADBAND SHALL NOT EXCEED +/-0.5°F.

- SPACE TEMPERATURE SETPOINT - CURRENT SPACE TEMPERATURE

- VAV DISCHARGE AIR TEMPERATURE

- CFM SETTING - CURRENT CFM

- DAMPER POSITION - VALVE POSITION

ON A RISE IN SPACE TEMPERATURE TRANSMITTERS (TT-1) SETPOINT (75 DEG. ADJ.), TT-1 SHALL, THROUGH THE DDC, MODULATE THE HOT WATER VALVE CLOSED. ON A FALL IN SPACE TEMPERATURE (70 DEG. ADJ.), TT-1 SHALL,

THE DAMPER SHALL MODULATE TO MAINTAIN THE CFM SETTING AS INDICATED

ON THE DRAWINGS AT ALL TIMES. UNDER NO CIRCUMSTANCES (EXCEPT SMOKE CONTROL IF APPLICABLE) SHALL THE CFM SETTING BE BELOW THAT OF

TEMPERATURE SETPOINT SHALL BE ADJUSTABLE THROUGH THE DDC CONTROL SYSTEM AND SHALL HAVE USER ADJUSTABLE OFFSETS. THE DEADBAND SHALL

THE FOLLOWING POINTS SHALL BE MAPPED TO BE TRENDED FROM THE OPERATORS WORKSTATION. A VAV BOX SUMMARY SHALL BE PROGRAMMED TO

ALLOW THE OPERATOR TO VIEW THE FOLLOWING POINTS IN TABULAR FORM:

TEMPERATURE SENSOR...

✓ MAX CFM✓ MIN CFM

AGENCY APPROVALS:

REVISIONS

REVISIONS

DESCRIPTION

DATE

DATE:
SCALE:
DRAWN:
REVIEWED:

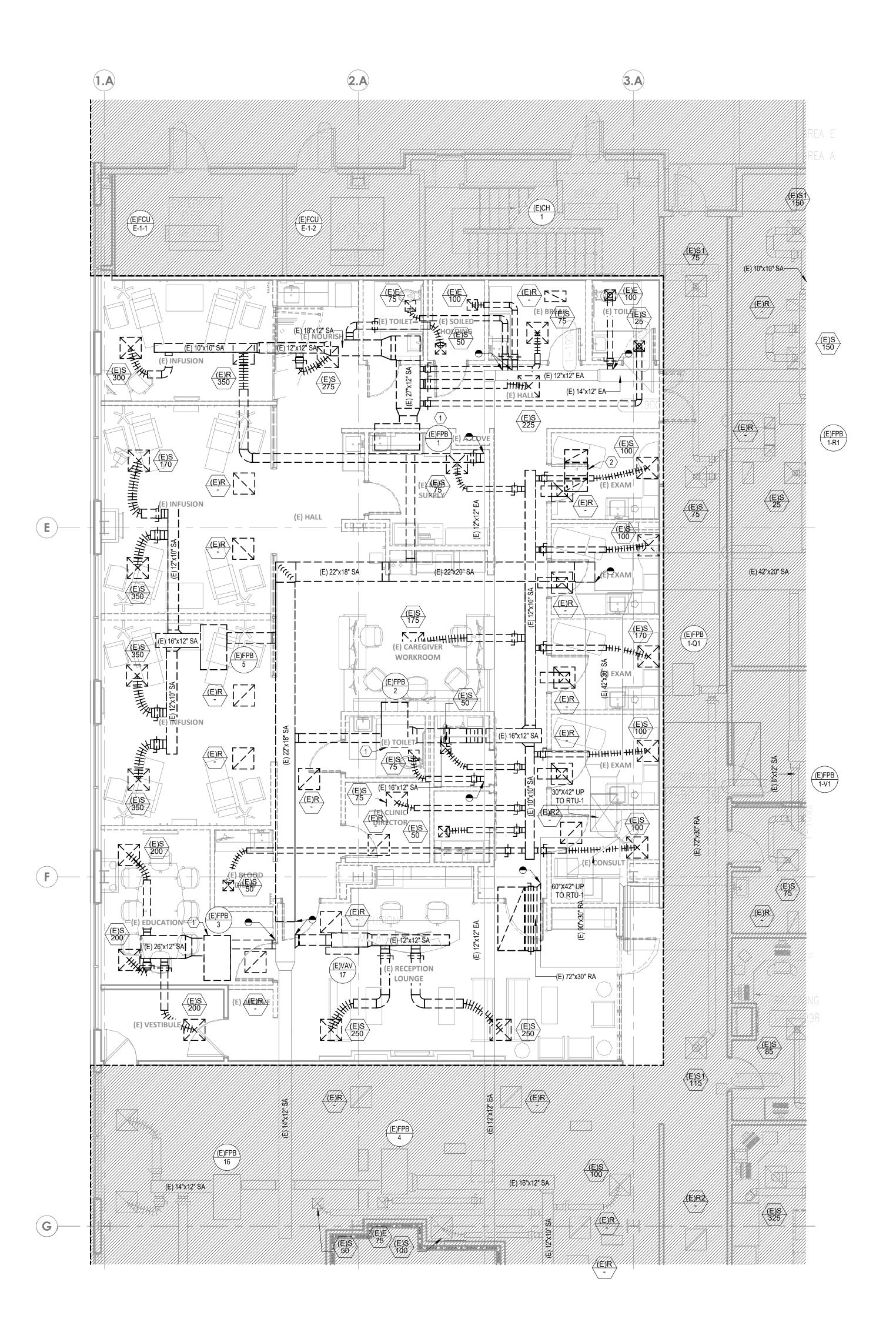
3 JOB NUMBER:

CONTROLS - MECHANICAL

04/18/2025 NOT TO SCALE

6406.24

NAO1-01



DEMOLITION PLAN - LEVEL 1 - ADMIN - HVAC

3/16" = 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 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 THE FAN POWERED BOX AND ASSOCIATED INLET AND LOW PRESSURE DUCTWORK.
- 2. DEMOLISH RETURN TRANSFER DUCT.



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6900 East Camelback Road

Suite 500 Scottsdale, AZ 85251 T: 602.943.8950

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ADMINISTRATION RELOCATION

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AUTHORITY HAVING JURISDICTION:
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MISSOURI DHSS

FACILITY NUMBER: **0972400009**

AGENCY APPROVALS:

REV#

REVISIONS

DESCRIPTION

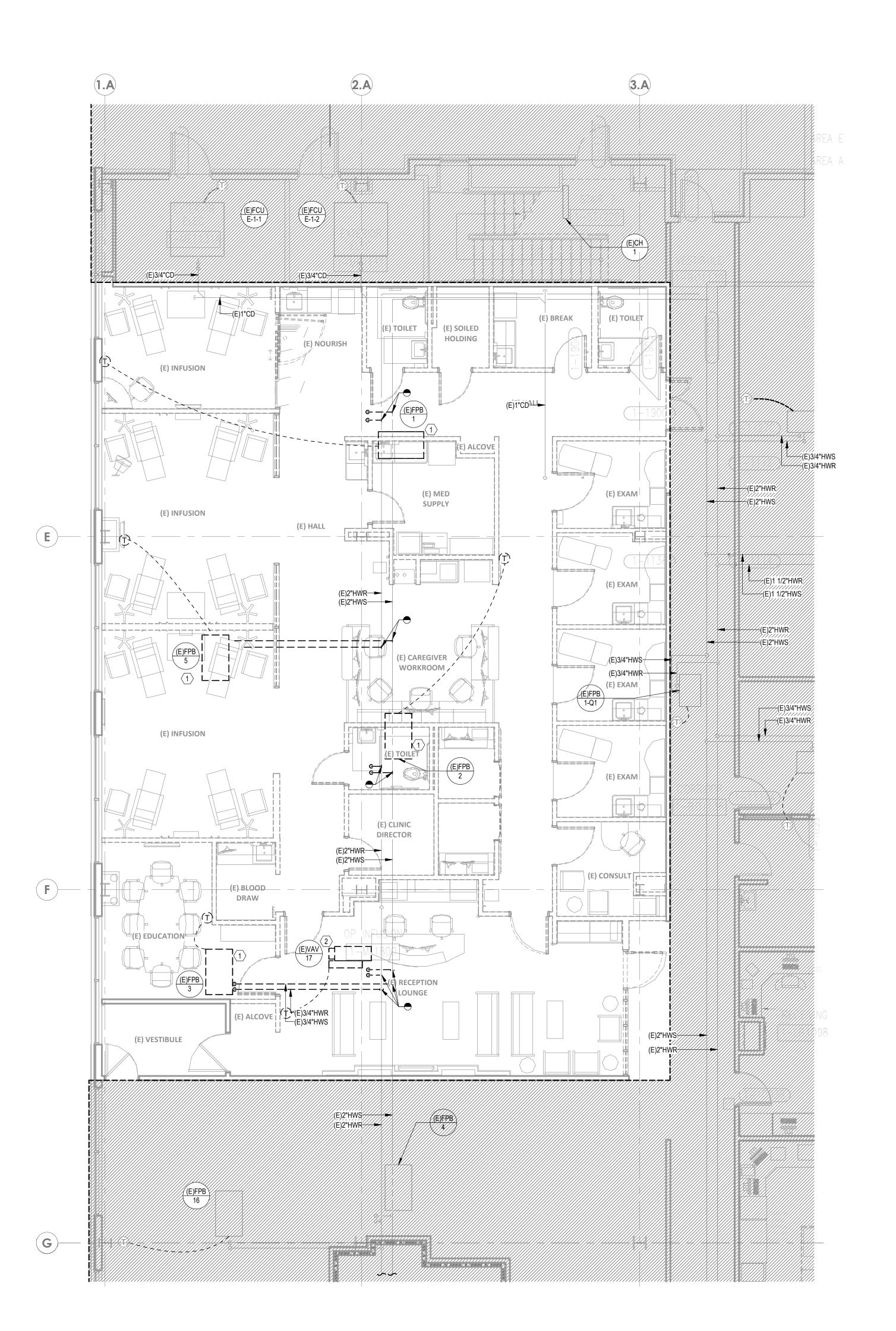
DATE

LEVEL 1 - KEYPLAN

DATE: 04/18/2025
SCALE: As indicated
DRAWN: HO
REVIEWED: JD
JOB NUMBER: 6406.24

DEMOLITION PLAN - LEVEL 1

MD02-01



DEMOLITION PLAN - LEVEL 1 - ADMIN - HVAC PIPING

3/16" = 1'-0"

GENERAL NOTES

- A. REFER TO M00-00 FOR GENERAL MECHANICAL NOTES, SYMBOLS AND LEGENDS.
 B. ALL EXISTING CONDITIONS INDICATED ON THESE DRAWINGS ARE BASED UPON A COMBINATION OF AVAILABLE RECORD DESIGN AND AS-BUILT DOCUMENTS.
- C. PROVIDE CEILING ACCESS PANELS FOR ALL EQUIPMENT, COILS, ETC. THAT ARE LOCATED ABOVE HARD CEILINGS UNLESS NOTED OTHERWISE.

LEGEND NOTES

- REMOVE FAN POWERED BOX AND ASSOCIATED HW PIPING, THERMOSTAT, AND CONTROL WIRING.
- 2. REMOVE VAV AND ASSOCIATED HW PIPING, THERMOSTAT, AND CONTROL WIRING.

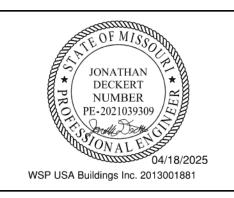


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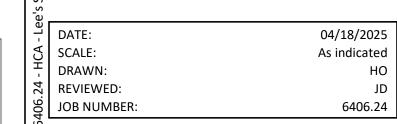
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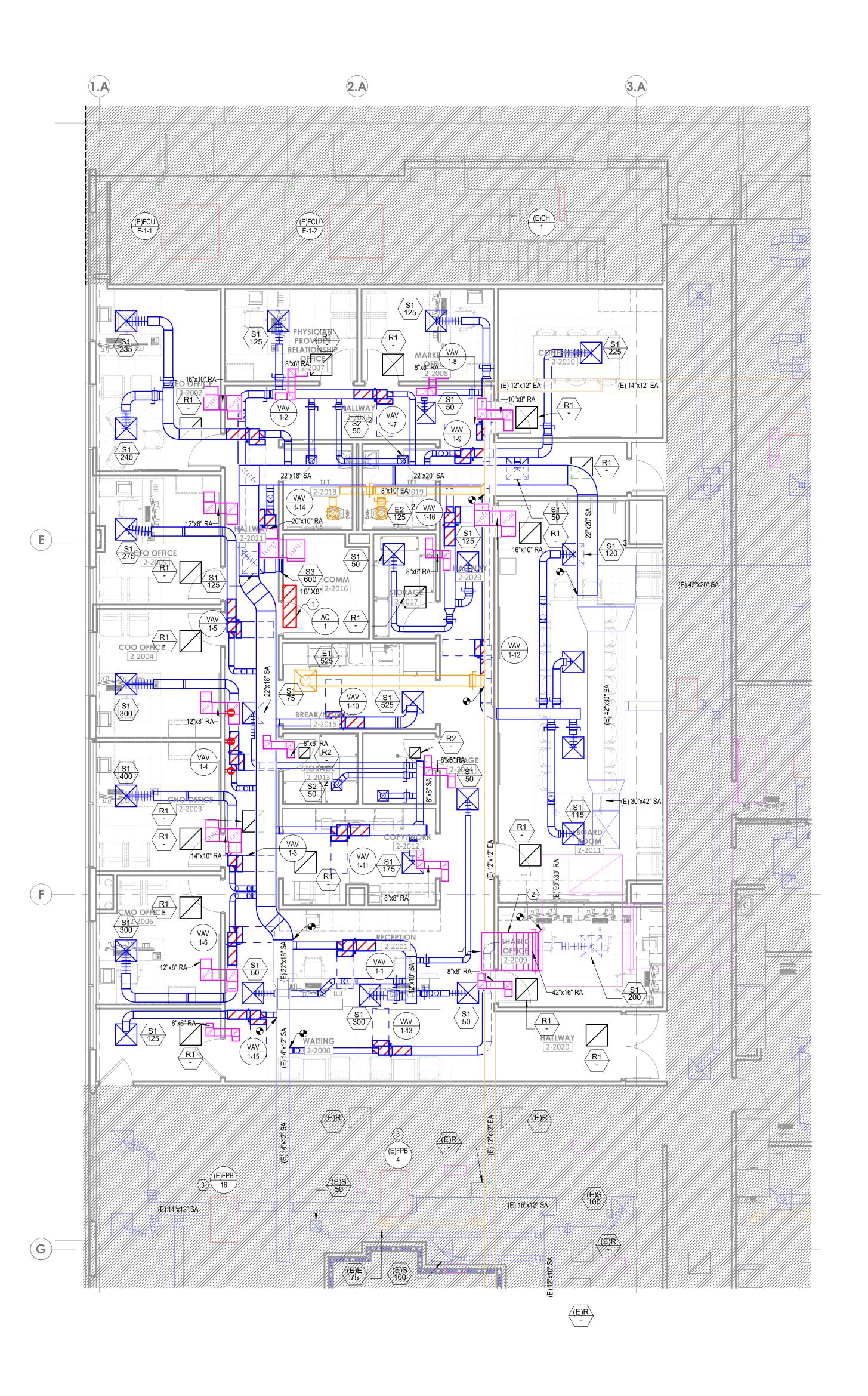
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LEVEL 1 - KEYPLAN



DEMOLITION PLAN - LEVEL 1
- ADMIN - HVAC PIPING

MD03-01



FLOOR PLAN - LEVEL 1 - ADMIN - HVAC

GENERAL NOTES

- A. REFER TO M00-00 FOR GENERAL MECHANICAL NOTES AND
- B. CONTRACTOR TO VERIFY EXISTING CONDITIONS. EXISTING WORK SHOWN IS APPROXIMATE AND REPRESENTATIVE OF
- EXISTING DESIGN AND AS-BUILT DRAWINGS.
- C. PROVIDE REMOTE ADJUSTABLE DAMPERS FOR ANY
- BALANCING DAMPERS LOCATED ABOVE HARD CEILINGS. D. ACCESS PANELS TO BE PROVIDED FOR ANY MECHANICAL EQUIPMENT OR MECHANICAL DEVICES REQUIRING SERVICE LOCATED ABOVE HARD CEILINGS.

LEGEND NOTES

- CONDENSING UNIT ACCU-1 PROVIDED ON ROOF ABOVE FOR AC-1.
 BALANCE TO 4,400 CFM OF RETURN AIR.
 CONTRACTOR TO PROVIDE TEMPORARY HEATING AND COOLING FOR SPACES AFFECTED BY DEMOLITION WORK.

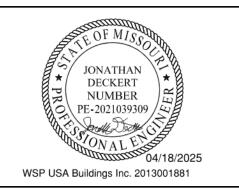


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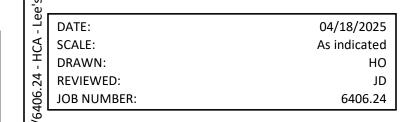
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FACILITY NUMBER: 0972400009

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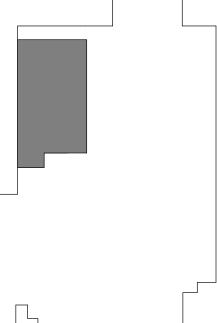
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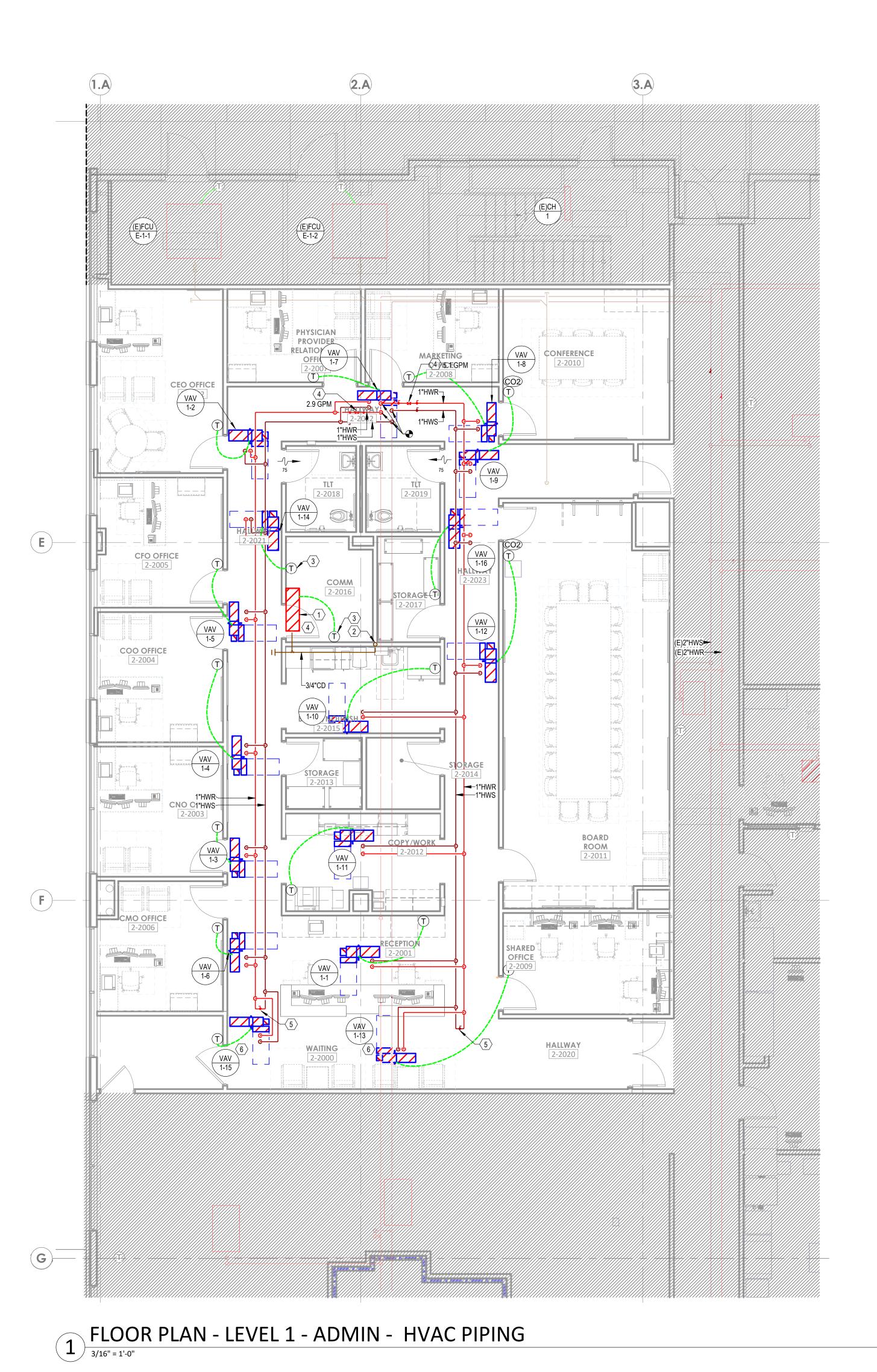
LEVEL 1 - KEYPLAN



FLOOR PLAN - LEVEL 1 -| g ADMIN - HVAC

M02-01





GENERAL DEMO NOTES

- REFER TO M00-00 FOR GENERAL MECHANICAL NOTES AND SYMBOLS.
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- BASED UPON A COMBINATION OF AVAILABLE RECORD DESIGN AND AS-BUILT DOCUMENTS. CONTRACTOR TO VERIFY EXISTING CONDITIONS.

 C. ALL EXISTING PIPE SIZES ON PLAN ARE PER THE DESIGN DOCUMENTS PROVIDED.
- D. CONTRACTOR TO PRE-TAB ALL SUPPLY AND RETURN PIPING SERVED BY EXISTING SYSTEMS MODIFIED AS A PART OF THIS SCOPE. 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

- SIZE AND ROUTE REFRIGERANT PIPING PER MANUFACTURER'S INSTRUCTIONS FROM AC-1 UP TO CONDENSING UNIT (ACCU-1) ON ROOF. CONTRACTOR SHALL UTILIZE SHAFT AND MINIMIZE DISTURBANCE TO OTHER TENANTS WITH ROUTING.
- ROUTE 3/4" CONDENSATE DRAIN DOWN TO HUB DRAIN BELOW SINK.
 SET THERMOSTAT FOR VAV-14 THREE DEGREES BELOW THERMOSTAT FOR AC-1.
- CALIBRATED ORIFICE BALANCING VALVE BALANCED TO GPM INDICATED
 PROVIDE END OF MAIN FLUSHING VALVE AT THE END OF HW PIPING RUN. REFER TO
- DETAIL 06/M07-01.

 6. PROVIDE 3-WAY CONTROL VALVE FOR VAV AT THE END OF THE PIPING RUN.

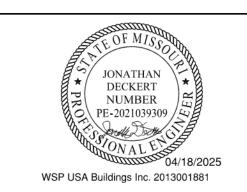


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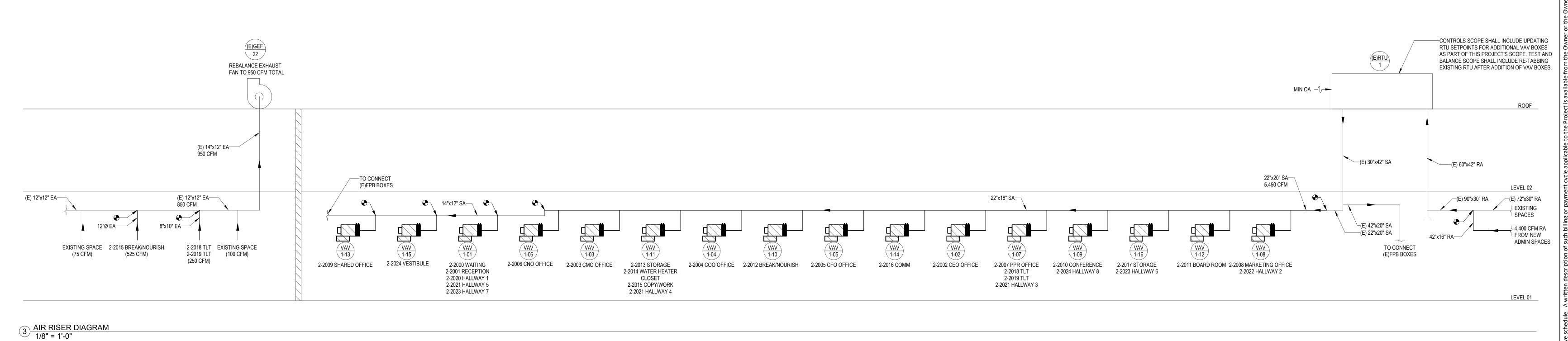
REVISIONS
REV # DESCRIPTION DATE

LEVEL 1 - KEYPLAN

DATE: 04/18/2025
SCALE: As indicated DRAWN: HO
REVIEWED: JD
JOB NUMBER: 6406.24

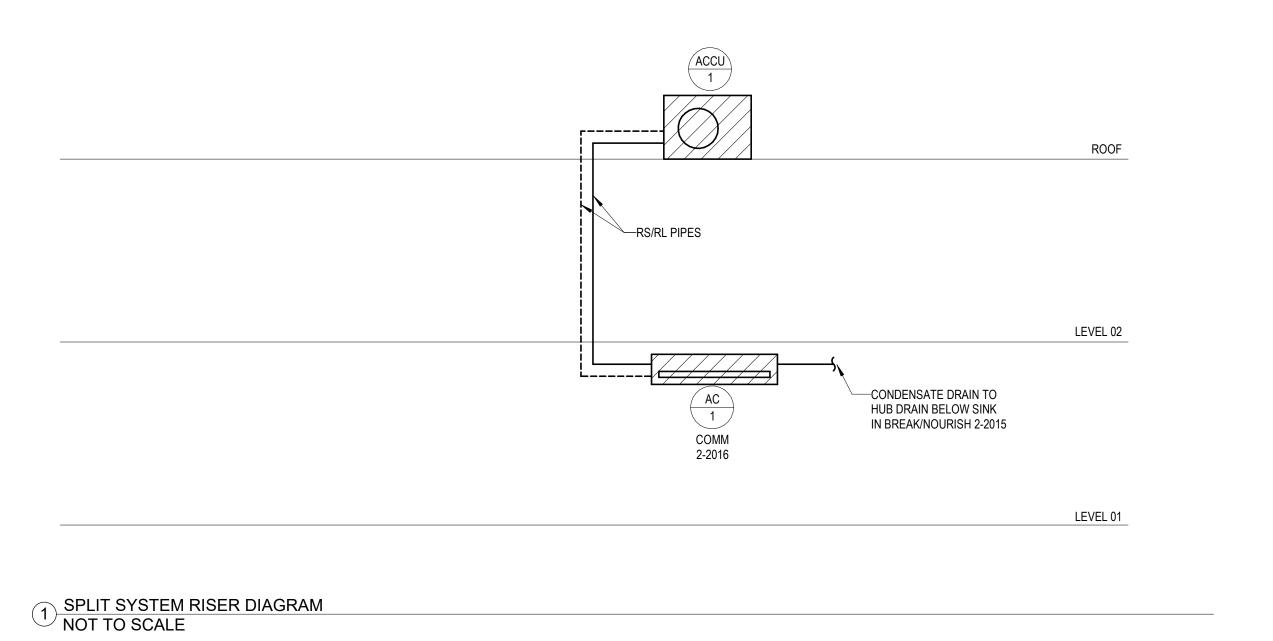
FLOOR PLAN - LEVEL 1 - ADMIN - HVAC PIPING

M03-01



1" HWS----1" HWR----1" HWS——— 1" HWR—— 1" HWS-----1" HWS-----1" HWR----1" HWR-FLUSHING LOOP-FLUSHING LOOP VAV 1-07 2-2016 COMM 2-2002 CEO OFFICE 2-2007 PPR OFFICE 2-2018 TLT 2-2019 TLT 2-2021 HALLWAY 3 2-2008 MARKETING OFFICE 2-2010 CONFERENCE 2-2017 STORAGE 2-2022 HALLWAY 2 2-2024 HALLWAY 8 2-2023 HALLWAY 6 I 2-2013 STORAGE 2-2000 WAITING 2-2014 WATER HEATER CLOSET 2-2001 RECEPTION 2-2006 CNO OFFICE 2-2003 CMO OFFICE 2-2004 COO OFFICE 2-2005 CFO OFFICE 2-2024 VESTIBULE 2-2011 BOARD ROOM 2-2012 BREAK/NOURISH 2-2009 SHARED OFFICE 2-2015 COPY/WORK 2-2020 HALLWAY 1 2-2021 HALLWAY 5 2-2023 HALLWAY 7 2-2021 HALLWAY 4

2 HW RISER DIAGRAM 1/8" = 1'-0"

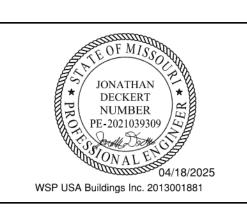




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LEVEL 01

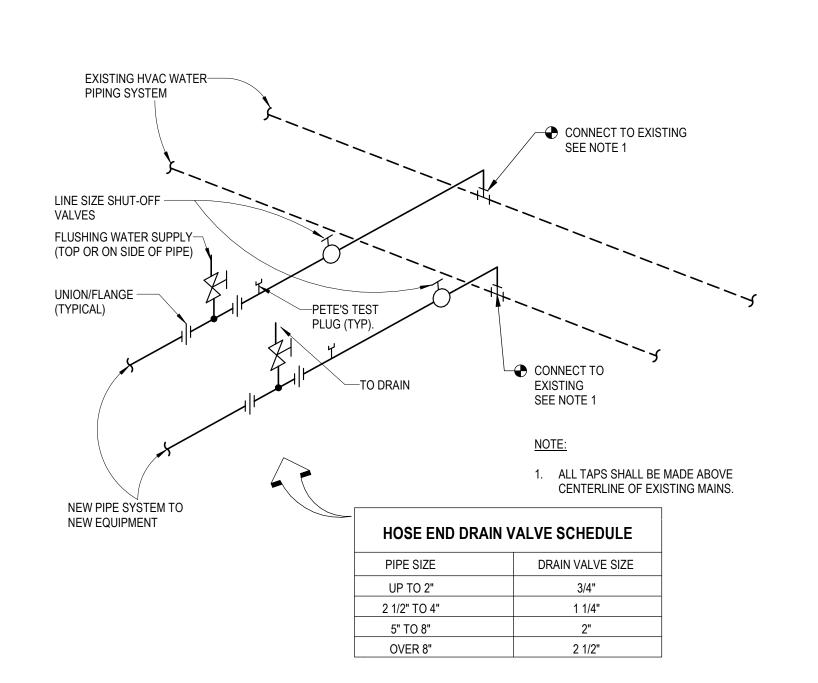
AGENCY APPROVALS:

REVISIONS
REV # DESCRIPTION DATE

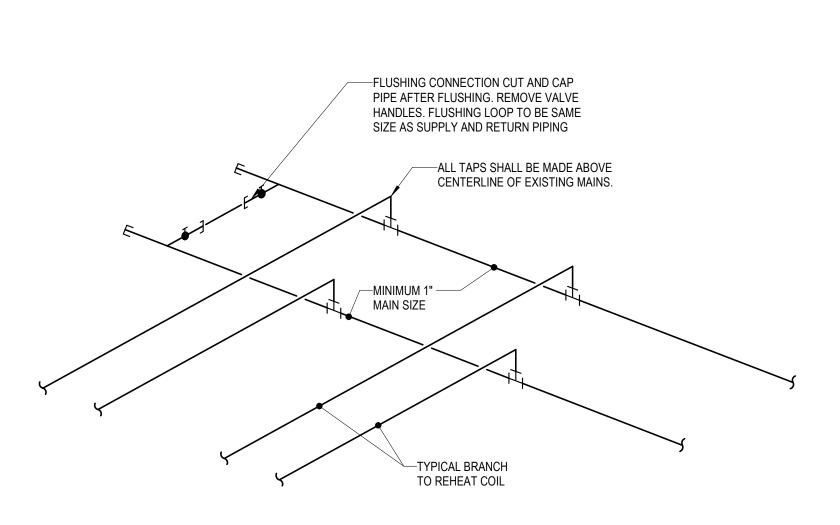
DATE: 04/18/2025
SCALE: 1/8" = 1'-0"
DRAWN: HO
REVIEWED: JD
JOB NUMBER: 6406.24

RISER DIAGRAM -

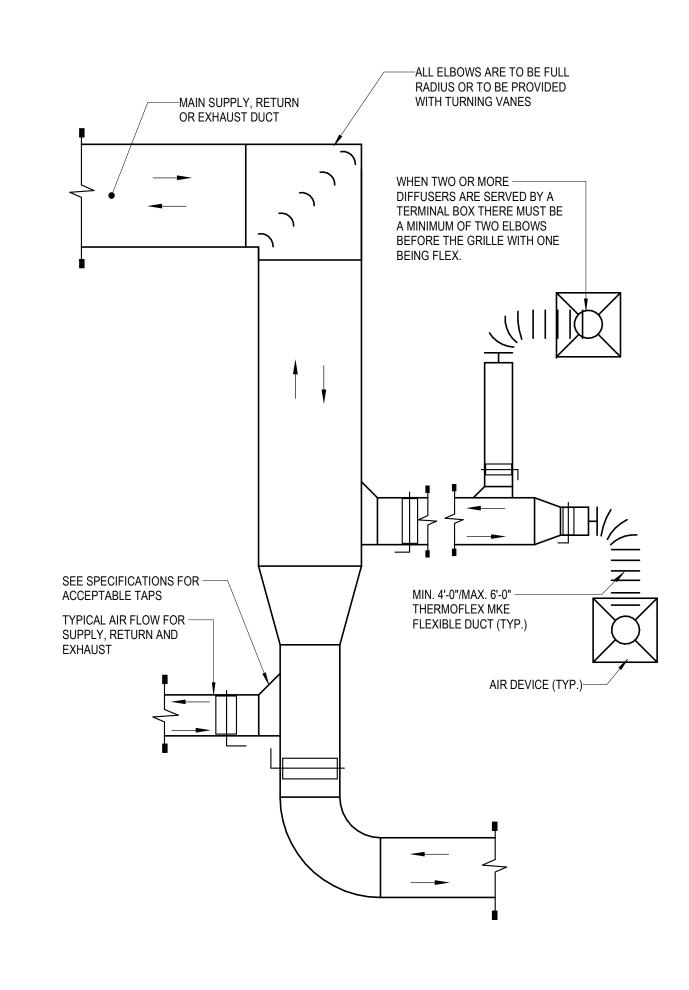
M06-01



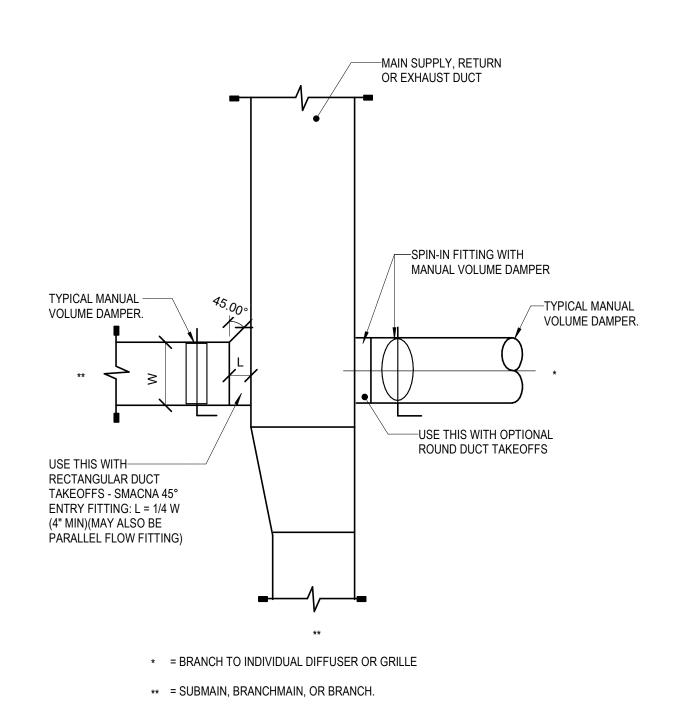




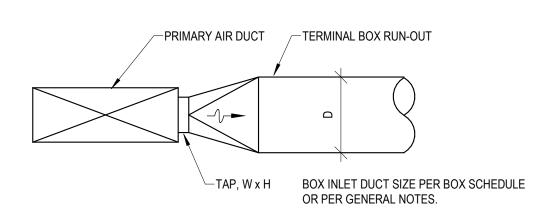
6 HVAC REHEAT HOT WATER END OF MAIN FLUSHING DETAIL NOT TO SCALE



 $\underbrace{\text{TYPICAL LOW PRESSURE SUPPLY, RETURN AND EXHAUST DUCT DETAIL}}_{\text{NOT TO SCALE}}$

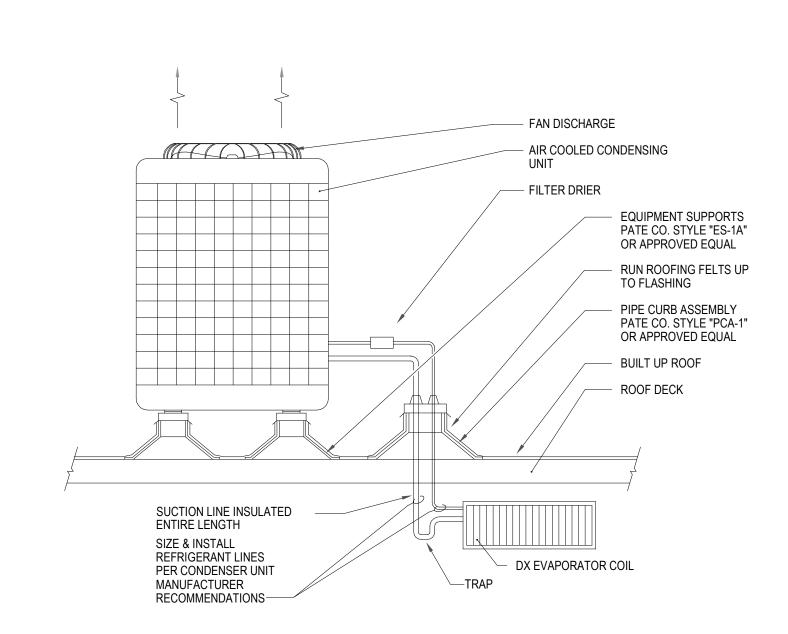


4 LOW PRESSURE DUCT VOLUME DAMPER REQUIREMENTS NOT TO SCALE

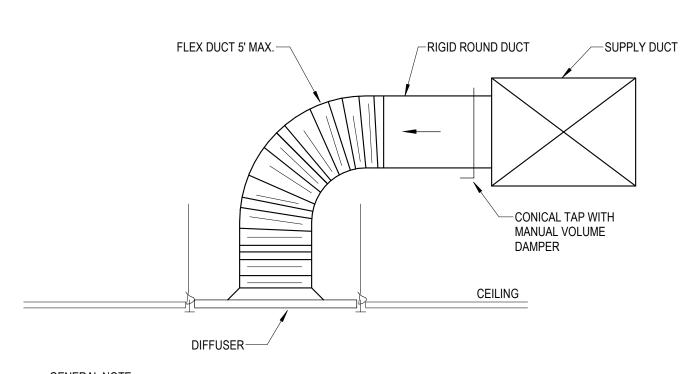


D (INCHES)	TAP, W x H (INCHES)
8	10/6
10	10/8
12	12/10, 16/8
14	14/12, 16/10
16	16/14, 18/12, 22/10
18	18/16, 20/14, 24/12

3 TERMINAL BOX INLET DUCT EQUIVALENT RECTANGULAR TO ROUND DUCT TAPS NOT TO SCALE



2 SPLIT REFRIGERANT CIRCUIT DETAIL - ROOF MOUNTED NOT TO SCALE



GENERAL NOTE:

A. FLEX DUCT NOT ALLOWED IN EXPOSED LOCATIONS OR IN INACCESSIBLE CONCEALED LOCATIONS.

1 DIFFUSER CONNECTION ROUND RUNOUT NOT TO SCALE

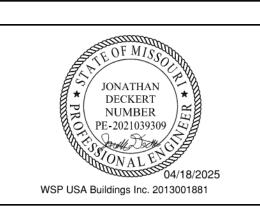


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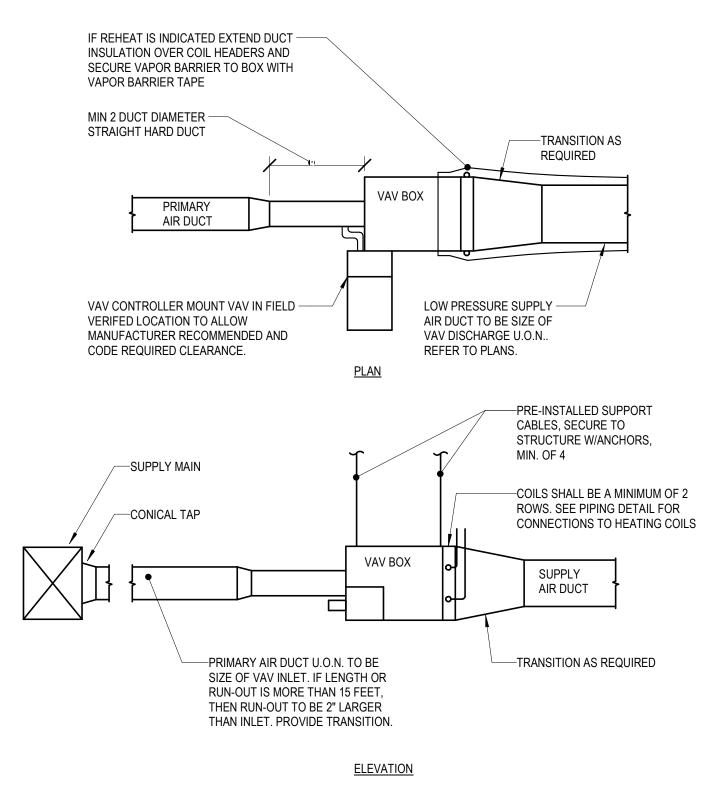
AGENCY APPROVALS:

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DATE: 04/18/2025
SCALE: As indicated
DRAWN: HO
REVIEWED: JD
JOB NUMBER: 6406.24

| B DETAILS - MECHANICAL

M07-01



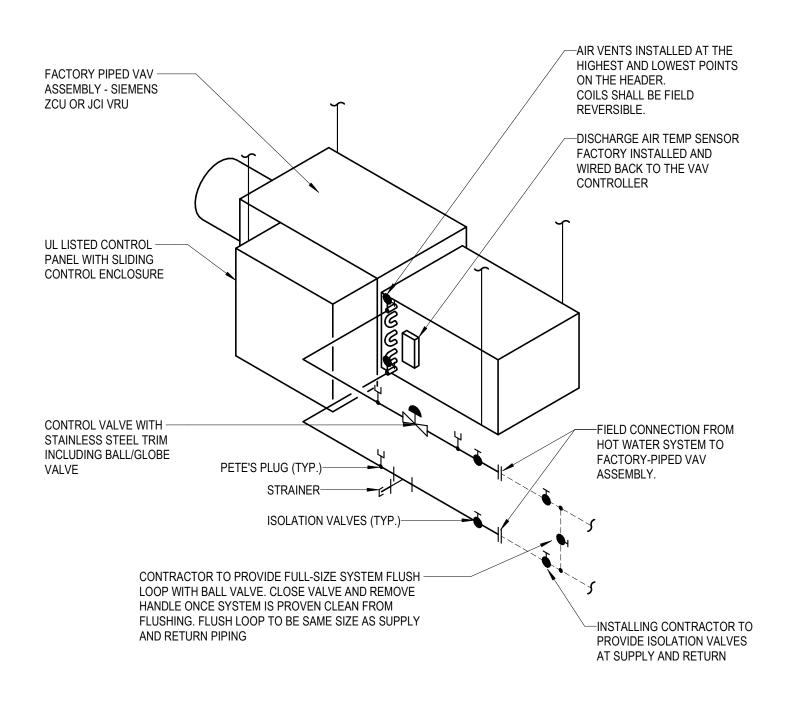
NOTE

- 1. THIS DETAIL REFERS TO VAV AND CONSTANT VOLUME HOT WATER REHEAT AIR TERMINAL UNITS
- AND VAV AIR TERMINAL UNITS WITHOUT REHEAT.

 2. TAP FITTING TO RECTANGULAR MEDIUM PRESSURE DUCT MAY ALSO BE RECTANGULAR 45°
 ENTRY DEFER TO DRAWINGS FOR BEOLUPED SHOE TAP DUCT SIZES
- ENTRY, REFER TO DRAWINGS FOR REQUIRED SHOE TAP DUCT SIZES.

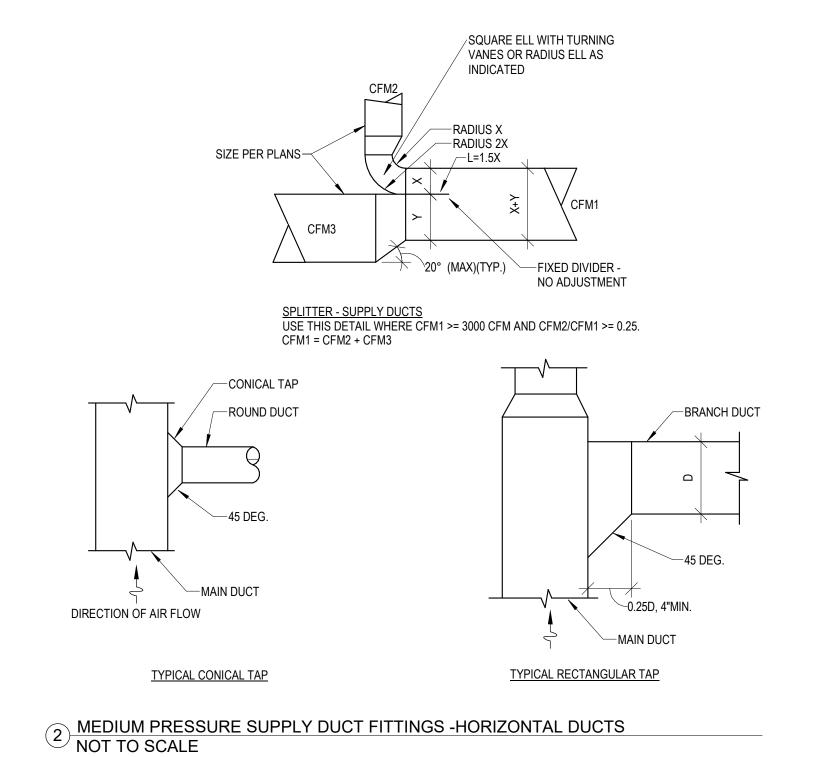
 3. MEDIUM PRESSURE ROUND TRUNK DUCT TO HAVE CONICAL TEE FITTING, WITH OTHER
- REQUIREMENTS AS SHOWN.

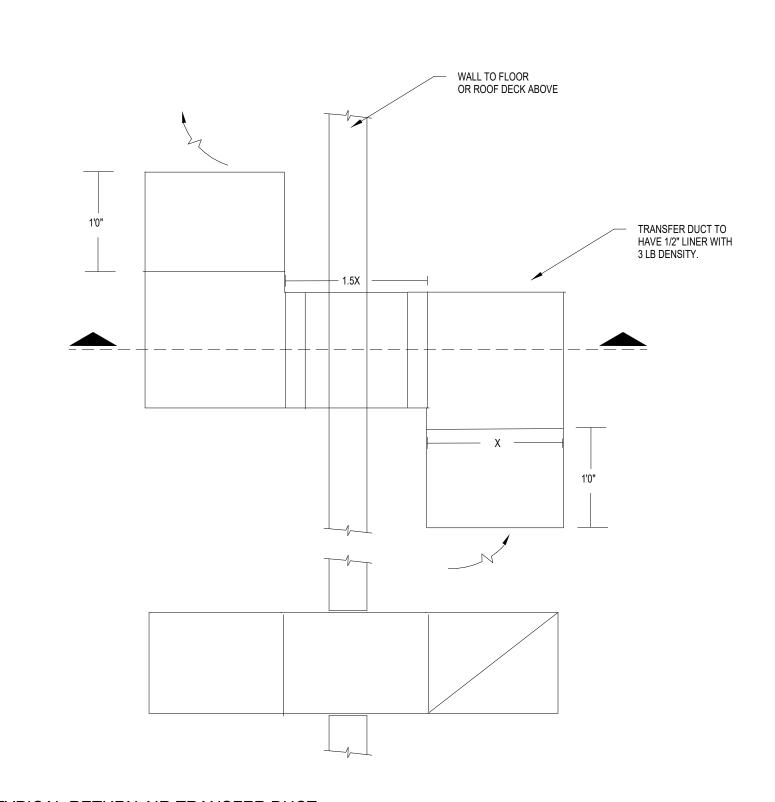
 4. BOXES 1400 CEM OR LESS TO BE SUPPORTED WITH REINFORCING ANGLE WITH 3/8" GALVANIZE
- 4. BOXES 1400 CFM OR LESS TO BE SUPPORTED WITH REINFORCING ANGLE WITH 3/8" GALVANIZED ALL THREAD ROD HANGERS.
- COORDINATE REQUIREMENT FOR CEILING ACCESS PANELS WITH DIVISION 8 AND ARCHITECTURAL RCP.
- 4 VAV BOX INSTALLATION DETAIL NOT TO SCALE



NOTES:

- CONTRACTOR TO PROVIDE PIPING THE SAME FOR HEATING COIL IN HOT WATER REHEAT AIR TERMINAL AND FOR DUCT MOUNTED HOT WATER HEATING COILS.
 MAINTAIN HOT WATER RETURN PIPING ELEVATION BELOW ELEVATION OF AIR VENT.
- 3 PIPING AT TERMINAL REHEAT NOT TO SCALE





1 TYPICAL RETURN AIR TRANSFER DUCT NOT TO SCALE



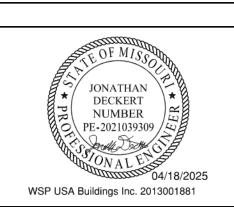
Devenney Group Ltd., Architects
6900 East Camelback Road

T: 602.943.8950 www.devenneygroup.com

Scottsdale, AZ 85251

Suite 500

sultant:



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.

ADMINISTRATION RELOCATION

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

DATE: 04/18/2025
SCALE: As indicated
DRAWN: HO
REVIEWED: JD
JOB NUMBER: 6406.24

DETAILS - MECHANICAL

M07-02

	AIR DEVICE SCHEDULE														
DESIG.	SIG. SIZE OBD FINISH		THROW	NECK SIZE	MAX NC LEVEL	MANUFACTURER/MODEL NO.	REMARKS/NOTES								
S1	24"X24"	NO	WHITE	ADJ. 4-WAY	NOTE 1	25	PRICE / SPD	CEILING PLAQUE SUPPLY DIFFUSER							
S2	12"X12"	NO	WHITE	ADJ. 4-WAY	NOTE 1	25	PRICE/SPD	CEILING PLAQUE SUPPLY DIFFUSER							
S3	SEE PLANS	NO	WHITE	ADJ.	J. FULL SIZE 25 PRICE / 610Z		PRICE / 610Z	SIDEWALL SUPPLY GRILLE							
R1	24"X24"	NO	WHITE	-	NOTE 1	25	PRICE / SPD	CEILING RETURN GRILLE							
R2	12"X12"	NO	WHITE	-	NOTE 1	25	PRICE/SPD	CEILING RETURN GRILLE							
E1	24"X24"	NO	WHITE	-	NOTE 1	25	PRICE / SPD	CEILING EXHAUST GRILLE							
E2	12"X12"	NO	WHITE	-	NOTE 1	25	PRICE/SPD	CEILING EXHAUST GRILLE							

GENERAL NOTES:

- A. CONTRACTOR TO COORDINATE FRAME STYLE WITH ARCHITECTURAL PLANS. FRAME TYPE SHALL MATCH CEILING TYPE AND MODULE DIMENSIONS.
- B. CONTRACTOR TO COORDINATE FINAL FINISHES WITH ARCHITECT. AIR DEVICES TO BE FACTORY PAINTED.
- C. NECK SIZES SHALL BE AS SCHEDULED UNLESS NOTED OTHERWISE ON PLANS.
- D. DUCT MOUNTED AIR DEVICES SHALL BE FLANGE MOUNTED. NO MOUNTING SCREWS SHALL BE VISIBLE EXCEPT ON EXPOSED DUCTWORK.

15"x15" 901-1000 CFM

2. GRILLE SHALL BE DOUBLE DEFLECTION TYPE WITH TWO SETS OF ADJUSTABLE BLADES ORIENTED PERPENDICULAR TO EACH OTHER.

ADMIN (EXISTING RTU-1) TERMINAL UNIT W/ HEATING WATER COIL SCHEDULE

										HW	COIL				
DESIGNATION	INLET	MIN	MAX HEATING	MAX	OUTLET SIZE	VALVE MAX	EAT	LAT	EWT	LWT	MAX FLOW	MAX WATER P.D.	MAX	JCI	NOTES
	SIZE (IN)	CFM	CFM	CFM	(IN / IN)	APD (IN WG)	DB °F	DB °F	°F	°F	GPM	(FT)	N.C.	MODEL NUMBER	
VAV-1-1	8"	450	450	450	10 / 12	0.25	52	95	140	110	1.1	10	30	TSS-08	1-11
VAV-1-2	8"	175	175	475	10 / 12	0.25	52	95	140	110	0.5	10	30	TSS-08	1-11
VAV-1-3	6"	150	150	400	8 / 12	0.25	52	95	140	110	0.4	10	30	TSS-06	1-11
VAV-1-4	6"	100	100	300	8 / 12	0.25	52	95	140	110	0.3	10	30	TSS-06	1-11
VAV-1-5	6"	100	100	275	8 / 12	0.25	52	95	140	110	0.3	10	30	TSS-06	1-11
VAV-1-6	6"	100	100	300	8 / 12	0.25	52	95	140	110	0.3	10	30	TSS-06	1-11
VAV-1-7	6"	350	350	350	8 / 12	0.25	52	95	140	110	0.9	10	30	TSS-06	1-11
VAV-1-8	6"	175	175	175	8 / 12	0.25	52	95	140	110	0.5	10	30	TSS-06	1-11
VAV-1-9	6"	200	200	275	8 / 12	0.25	52	95	140	110	0.5	10	30	TSS-06	1-11
VAV-1-10	8"	175	175	525	10 / 12	0.25	52	95	140	110	0.5	10	30	TSS-08	1-11
VAV-1-11	6"	350	350	350	8 / 12	0.25	52	95	140	110	0.9	10	30	TSS-06	1-11
VAV-1-12	8"	350	350	475	10 / 12	0.25	52	95	140	110	0.9	10	30	TSS-08	1-11
VAV-1-13	6"	75	75	200	8 / 12	0.25	52	95	140	110	0.2	10	30	TSS-06	ALL
VAV-1-14	8"	0	0	600	10 / 12	0.25	-	-	-	-	-	-	30	TSS-08	2-6, 8-9
VAV-1-15	6"	75	75	125	8 / 12	0.25	52	95	140	110	0.2	10	30	TSS-06	ALL
VAV-1-16	6"	175	175	175	8 / 12	0.25	52	95	140	110	0.5	10	30	TSS-06	1-11

1. MIN MBH= GPMx15.

2. UNIT MOUNTED / WIRED FACTORY CONTROL PANEL.

3. PRESSURE INDEPENDENT CONTROLS COMPATIBLE WITH BUILDING CONTROLS SYSTEM.

4. CONSTANT AIR VOLUME (CAV) BOXES SHALL BE IDENTICAL TO VARIABLE AIR VOLUME (VAV) BOXES.

5. FACTORY INTERNAL INSULATION: INTERNAL FIBER FREE CLOSED CELL INSULATION.

6. CFM DELIVERY SHALL BE ACCURATE WITHIN 5% OF FROM 25-100% OF SCHEDULED BOX CFM.

7. H.W. COIL SHALL BE LOCATED AT DISCHARGE OF BOX.

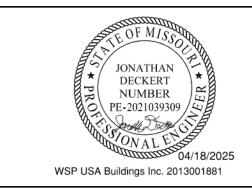
8. OUTLET PLENUM BY INCLUDED BY MANUFACTURER. COORDINATE WITH RUNOUT SIZES TO AIR DEVICES. PROVIDE TRANSITION FROM BOX OUTLET PLENUM TO DUCTWORK. UPSIZE AS REQUIRED. CONTROLS SHALL BE FURNISHED AND SHIPPED TO TERMINAL BOX FACTORY BY TEMPERATURE CONTROLS MANUFACTURER. CONTROLS SHALL BE INSTALLED AT TERMINAL BOX FACTORY BY TERMINAL BOX MANUFACTURER.

PROVIDE PIPING CONNECTION TO TERMINAL UNIT REHEAT COILS AS SCHEDULED: 0 - 4.0 GPM : 3/4"

4.1- 8.0 GPM : 1" 8.1 - 15.0 GPM : 1-1/4"

VAV BOXES SHALL NOT EXCEED A 95° LEAVING AIR TEMPERATURE WHEN BOX MODEL AND HEATING COIL ARE SELECTED BY MANUFACTURER.

PROVIDE 3 WAY VALVE AS INDICATED ON DRAWINGS



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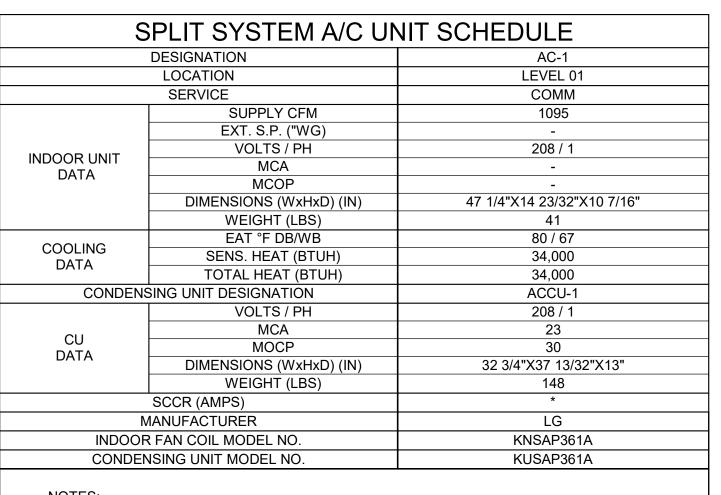
REVISIONS DATE REV# DESCRIPTION

DATE:
SCALE:
DRAWN:
REVIEWED: 9 JOB NUMBER:

12" = 1'-0"

SCHEDULES - MECHANICAL

M08-01



1. CAPACITY AT 105°F O.A.T.

2. 14.0 MIN. SEER RATING.

3. CONTRACTOR SHALL PROVIDE AND INSTALL FACTORY POWERED CONTROLS AND CONTROL TRANSFORMER

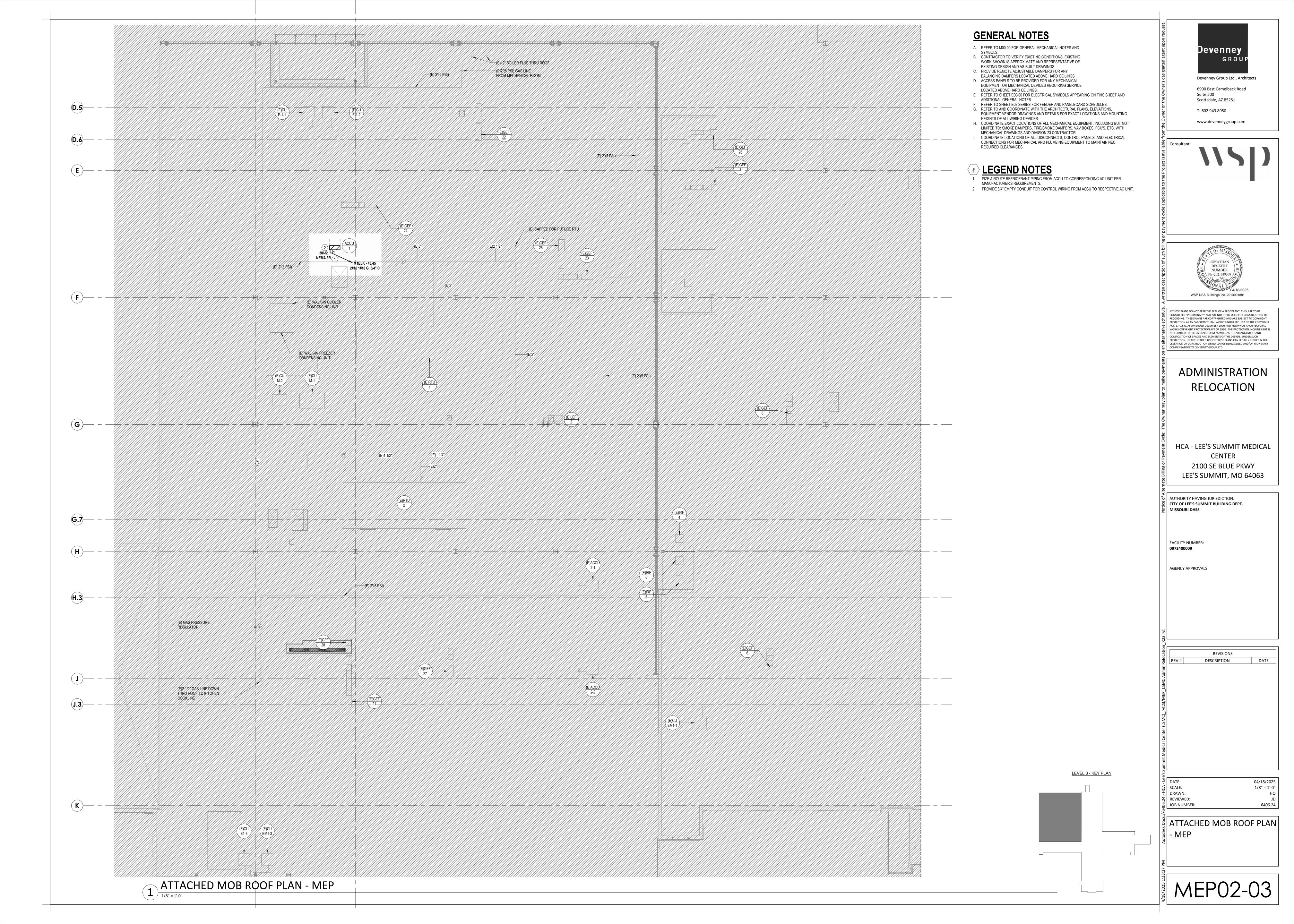
4. PROVIDE ELECTRONIC ALTERNATOR AND FLOAT SWITCHES.

5. FACTORY WIRED SINGLE POINT CONNECTION 6. ELECTRICAL CONTRACTOR TO CONNECT EXTERIOR UNIT

TO INTERIOR UNIT.

7. PROVIDE SEPARATELY POWERED REFCO COMBI CONDENSATE PUMP AT 120V. PART #3004046.

8. R-32 REFRIGERANT. *SCCR RATING TO MEET OR EXCEED PANEL AIC RATING



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

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

- 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 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
- 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

RECOMMENDATIONS, AND WITHIN THEIR LISTING/LABELING REQUIREMENTS AND RESTRICTIONS.

- 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.

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

SHALL BE MINIMUM #8 AWG WIRE SIZE.

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

- 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.

1. 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
- 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.

MANUFACTURERS SHOP DRAWINGS BEFORE CONSTRUCTION. COORDINATE ALL REQUIRED ENERGY MANAGEMENT SYSTEM POINTS AND CONTACT CONNECTIONS TO ENSURE THE COMPLETE AND PROPER OPERATION OF ALL

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 VERY FIRE ALARM SPRINKLER PRESSURE SWITCH 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
 - AND ASSOCIATED CONDUIT AND WIRING FROM THESE LOCATIONS. 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

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

MAIN DISTRIBUTION PANEL

FIRE ALARM SYMBOLS LEGEND ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE. MNTG. HT. UNO F FIRE ALARM PULL STATION WALL MOUNTED 48" AFF FIRE ALARM AUDIBLE VISUAL SIGNAL WALL MOUNTED (X: H=HORN, S=SPEAKER) 80" AFF 80" AFF FIRE ALARM AUDIBLE SIGNAL WALL MOUNTED (X: H=HORN, S=SPEAKER) 80" AFF FIRE ALARM VISUAL SIGNAL WALL MOUNTED FIRE ALARM AUDIBLE VISUAL SIGNAL CEILING MOUNTED (X: H=HORN, S=SPEAKER) CLG FIRE ALARM AUDIBLE SIGNAL CEILING MOUNTED (X: H=HORN, S=SPEAKER) FIRE ALARM VISUAL SIGNAL CEILING MOUNTED FIRE ALARM SPRINKLER FLOW SWITCH TS FIRE ALARM SPRINKLER TAMPER SWITCH SMOKE DETECTOR WALL MOUNTED 9" BFC SMOKE DETECTOR CEILING MOUNTED PATIENT ROOM SMOKE DETECTOR **⊘**=□ DUCT SMOKE DETECTOR FSD FIRE AND SMOKE DAMPER 9" BFC ♦ HEAT DETECTOR CEILING MOUNTED AS REQUIRED DH | ELECTRO-MAGNETIC DOOR HOLDER ELECTRO-MAGNETIC SMOKE DOOR HOLDER (INTERFACED WITH FIRE ALARM SYSTEM. DC POWER PROVIDED BY FIRE ALARM WIRING AS REQUIRED 108" AFF | MM | | MONITOR MODULE AS REQUIRED |FACP| | FIRE ALARM CONTROL PANEL AS REQUIRED FAAP FIRE ALARM ANNUNCIATOR PANEL AS REQUIRED FIRE PUMP ANNUNCIATOR PANEL AS REQUIRED FIREFIGHTER'S CONTROL PANEL AS REQUIRED NOTIFICATION APPLIANCE CIRCUIT NAC | NUTIFICATION APPLIANCE CINCOTT FOUR CIRCUIT FIRE ALARM INDICATING CIRCUIT POWER EXTENDER AS REQUIRED FP TELEPHONE JACK FOR FIREMAN'S PHONE (BY FIRE ALARM CONTRACTOR) 48" AFF WARDEN STATION TELEPHONE FOR FIREMAN'S PERMANENT HANDSET (BY FIRE ALARM CONTRACTOR)

		GRAM & RISER S 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 xx	MOTOR XX = HORSE POWER	Ţ	GROUNDING ELECTRODE				
xxx	BRANCH PANEL XXX = PANEL NAME	T-XXX XXkVA	TRANSFORMER				
°) AT	BOLT ON CIRCUIT BREAKER AT = TRIP RATING	AF AT	DRAW OUT CIRCUIT BREAKER				
L = LONG TIME S = SHORT TIM I = INSTANTAN G = GROUND I A = INDICATIO		AT AT	AT = TRIP RATING AF = FRAME 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;

(GROUND FAULT ALARM ONLY)

- 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" ----(7) - EQUIPMENT (ID) NUMBER FOR FOOD SERVICE EQUIPMENT. REFER TO FOOD SERVICE DOCUMENTS 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.

LIGHTNING PROTECTION

LIGHTNING PROTECTION SYSTEM IS A DELEGATED DESIGN. THESE DRAWINGS DO NOT INDICATE SYSTEM REQUIREMENTS. REFER TO THE SPECIFICATIONS (PROJECT MANUAL) FOR SYSTEM REQUIREMENTS. THESE DRAWINGS ARE INTENDED TO SHOW LOCATIONS OF EQUIPMENT FOR WHICH LIGHTNING PROTECTION WILL NEED TO COORDINATE WITH. THE DESIGNER SHALL PROVIDE ANY AND ALL DEVICES FOR A COMPLETE SYSTEM. PROVIDE PLANS TO BE SUBMITTED FOR AHJ APPROVAL SHALL BE PRODUCED BY A QUALIFIED

INDIVIDUAL OR FIRM. NFPA CLASS COMPONENTS: (75'<X) II

ALL SYMB	POWER SYMBOLS LEGEND OLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY N	IOT BE TO SCALE.
SYMBOL	DESCRIPTION	MNTG. HT. UNO
\ominus	SINGLE RECEPTACLE - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF
⇔	DUPLEX RECEPTACLE - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF
=	DUPLEX RECEPTACLE ON EMERGENCY CIRCUIT	18" AFF
₽	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	18" AFF
H ⊖ _{WP}	DUPLEX RECEPTACLE, GFCI, TAMPER RESISTANT, WEATHER RESISTANT, HOUSED IN A	18" AFF
WP_	"WEATHERPROOF-WHILE-IN-USE" ENCLOSURE - 20A/125V/2P/3W/G NEMA 5-20R DUPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP	8" AFC OR
•	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP ON EMERGENCY CIRCUIT	42" AFF 8" AFC OR
	QUADRAPLEX RECEPTACLE	42" AFF
# 	(TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE) QUADRAPLEX RECEPTACLE ON EMERGENCY CIRCUIT	18" AFF
ф	(TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE) QUADRAPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP	18" AFF 8" AFC OR
<u></u>	(TWO DUPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP (TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE) QUADRAPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP ON EMERGENCY CIRCUIT	42" AFF
 	(TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE)	42" AFF
9	EMERGENCY SPECIAL PURPOSE RECEPTACLE (NEMA NO. AS INDICATED)	18" AFF
0	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
ЭЮ	JUNCTION BOX - SIZE & MOUNTING AS REQUIRED	AS REQUIRED
	POWER POLE	
	PLUGMOLD	AS REQUIRED
\ \ X/Y/Z	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
	COMBINATION MOTOR CONTROLLER / DISCONNECT SWITCH	AS REQUIRED
\$ _M	MANUAL MOTOR STARTER SWITCH WITH THERMAL OVERLOAD AND PILOT LIGHT	AS REQUIRED
 	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		
X,X,X	ADDITIONAL INFORMATION.	
	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	
	GROUND BAR	
PG III	GROUND BAR PATIENT GROUND BAR	

	LIGHTING SYMBOLS LEGEND	
	SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY N	OT BE TO SCALE.
SYMBOL	DESCRIPTION	(SEE NOTE 1) SEE FIXTURE
	2'x4' LIGHT FIXTURE ON NORMAL CIRCUIT.	SCHEDULE SEE FIXTURE
	2'x4' LIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SCHEDULE
	2'x4' LIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
	2'x4' LIGHT FIXTURE WITH BI-LEVEL SWITCHING. PROVIDE DUAL BALLAST/DRIVERS. BOTH BALLAST/DRIVERS ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
	2'x4' LIGHT FIXTURE WITH BI-LEVEL SWITCHING. PROVIDE DUAL BALLAST/DRIVERS. ONE BALLAST/DRIVER ON NORMAL CIRCUIT AND ONE BALLAST/DRIVER ON LIFE SAFETY CIRCUIT	SEE FIXTURE SCHEDULE
	2'x4' 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
	2'x2' LIGHT FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
	2'x2' LIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
	2'x2' LIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
	2'x2' LIGHT FIXTURE WITH BI-LEVEL SWITCHING. PROVIDE DUAL BALLAST/DRIVERS. BOTH BALLAST/DRIVERS ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
	2'x2' LIGHT FIXTURE WITH BI-LEVEL SWITCHING. PROVIDE DUAL BALLAST/DRIVERS. ONE BALLAST/DRIVER ON NORMAL CIRCUIT AND ONE BALLAST/DRIVER ON LIFE SAFETY CIRCUIT	SEE FIXTURE SCHEDULE
	2'x2' LIGHT FIXTURE WITH BI-LEVEL SWITCHING. PROVIDE DUAL BALLAST/DRIVERS. ONE	SEE FIXTURE
	BALLAST/DRIVER ON NORMAL CIRCUIT AND ONE BALLAST/DRIVER ON CRITICAL CIRCUIT WALL MOUNTED LINEAR FIXTURE ON NORMAL CIRCUIT.	SCHEDULE SEE FIXTURE
	WALL MOUNTED LINEAR FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED	SCHEDULE SEE FIXTURE
	STANDBY SYSTEM. WALL MOUNTED LINEAR FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY	SCHEDULE SEE FIXTURE
	SYSTEM.	SCHEDULE
	RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON NORMAL CIRCUIT. RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY	SEE NOTE 2
<i>///////</i>	REQUIRED STANDBY SYSTEM.	SEE NOTE 2
	RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE NOTE 2
0 🗆	RECESSED/SURFACE DOWNLIGHT FIXTURE ON NORMAL CIRCUIT.	SEE NOTE 2
Ø Ø	RECESSED/SURFACE DOWNLIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE NOTE 2
\otimes	RECESSED/SURFACE DOWNLIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE NOTE 2
О Д	WALL MOUNTED FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
Ø Ø	WALL MOUNTED FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
₽ ₽	WALL MOUNTED FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
① >	RECESSED DOWNLIGHT FIXTURE WITH WALL WASH ON NORMAL CIRCUIT.	SEE NOTE 2
(1)	RECESSED DOWNLIGHT FIXTURE WITH WALL WASH ON LIFE SAFETY CIRCUIT OR LEGALLY	SEE NOTE 2
(1)	REQUIRED STANDBY SYSTEM. RECESSED DOWNLIGHT FIXTURE WITH WALL WASH ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE NOTE 2
	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
	HANGING RECTANGULAR PENDANT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE NOTE 3
	HANGING CIRCULAR PENDANT FIXTURE ON NORMAL CIRCUIT.	SEE NOTE 3
	HANGING CIRCULAR PENDANT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED	SEE NOTE 3
	STANDBY SYSTEM. HANGING CIRCULAR PENDANT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE NOTE 3
4_4	STANDBY SYSTEM. EMERGENCY LIGHTING UNIT. WALL MOUNTED BATTERY-POWERED LIGHTING. CONNECT TO	SEE FIXTURE
□	NORMAL CIRCUIT IN AREA SERVED CEILING MOUNTED EXIT SIGN. SHADING INDICATES DOUBLE OR SINGLE FACE. ARROW	SCHEDULE SEE FIXTURE
→	INDICATES CHEVRON DIRECTIONS. END MOUNTED EXIT SIGN. SHADING INDICATES DOUBLE OR SINGLE FACE. ARROW	SCHEDULE SEE FIXTURE
	INDICATES CHEVRON DIRECTIONS. WALL MOUNTED EXIT SIGN. SHADING INDICATES DOUBLE OR SINGLE FACE. ARROW	SCHEDULE SEE FIXTURE
-	INDICATES CHEVRON DIRECTIONS.	SCHEDULE SEE FIXTURE
모	WALL PACK LIGHT FIXTURE ON NORMAL CIRCUIT. WALL PACK LIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY	SCHEDULE SEE FIXTURE
<u></u>	SYSTEM.	SCHEDULE SEE FIXTURE
—————————————————————————————————————	WALL PACK LIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SCHEDULE SEE FIXTURE
* 	BOLLARD LIGHT FIXTURE ON NORMAL CIRCUIT. BOLLARD LIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY	SCHEDULE SEE FIXTURE
☆	SYSTEM.	SCHEDULE SEE FIXTURE
₩	BOLLARD LIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SCHEDULE
⊶ ₩	EXTERIOR LIGHT POLE FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
∞ ₩	EXTERIOR LIGHT POLE FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
⊶ ≭	EXTERIOR LIGHT POLE FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
		SEE FIXTURE

REFER TO LIGHT FIXTURE SCHEDULE FOR SPECIFIC FIXTURE INFORMATION.

SPOT/FLOOD LIGHT FIXTURE.

- 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.

LL SYMBOLS	S SHOWN MAY NOT APPEAR IN ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY I	
SYMBOL	DESCRIPTION	MNTG. HT. UN (SEE NOTE 1)
#	# IN DIAMOND REFERS TO LIGHTING CONTROLS REQUIREMENTS AND SEQUENCE OF OPERATIONS SCHEDULE.	
\$	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,E}	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.



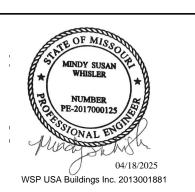
Devenney Group Ltd., Architects 6900 East Camelback Road

Scottsdale, AZ 85251 T: 602.943.8950

Suite 500

www.devenneygroup.com





I 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 COPYRIGH 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 CESSATION OF CONSTRUCTION OR BUILDINGS BEING SEIZED AND/OR MONETARY COMPENSATION TO DEVENNEY GROUP LTD

RELOCATION

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

້ວ | AUTHORITY HAVING JURISDICTION: CITY OF LEE'S SUMMIT BUILDING DEPT

FACILITY NUMBER:

0972400009

SEE FIXTURE

SCHEDULE

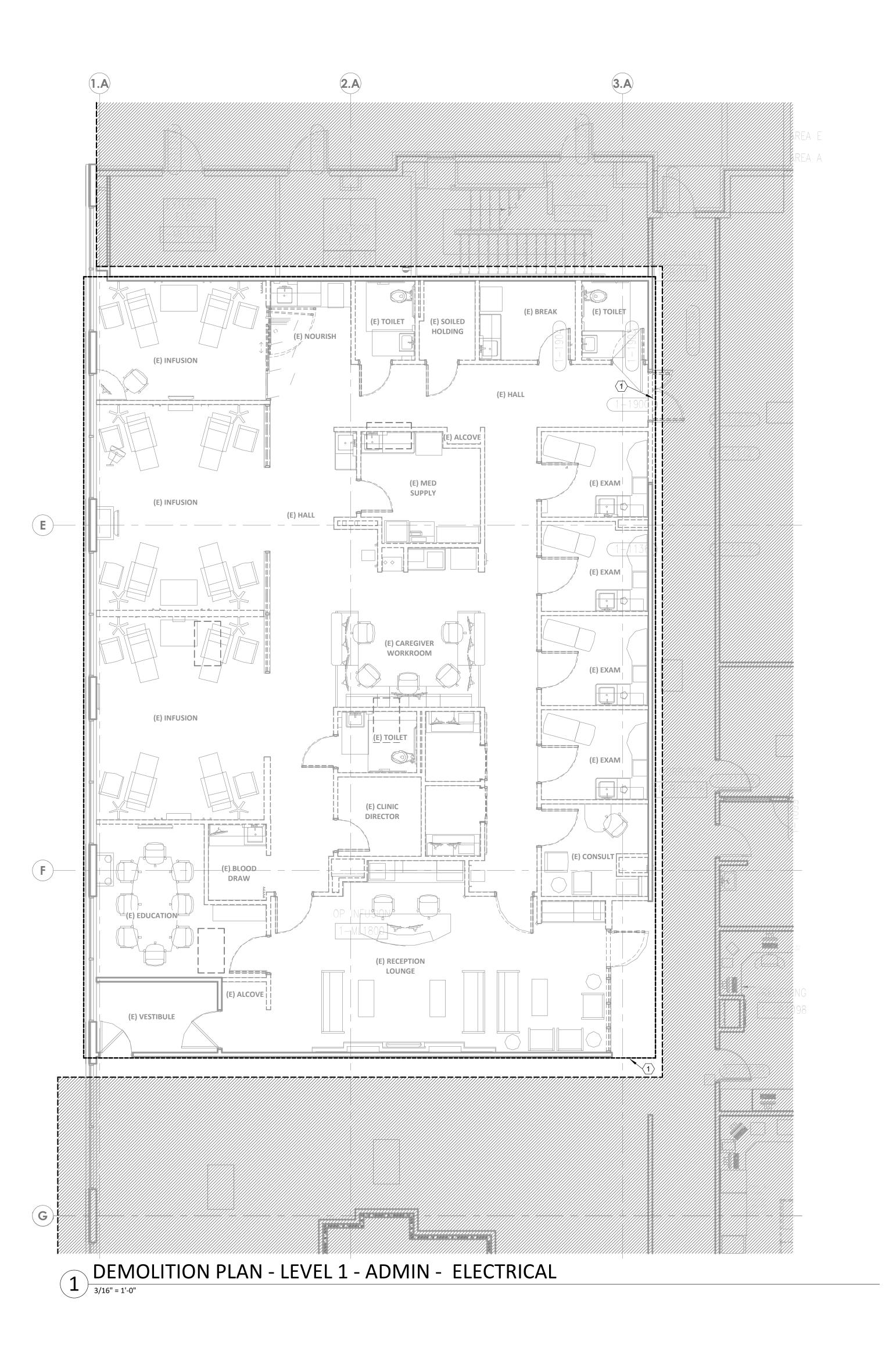
MISSOURI DHSS

AGENCY APPROVALS:

REVISIONS DATE REV# DESCRIPTION

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

GENERAL INFORMATION -ELECTRICAL



GENERAL DEMO NOTES

- A. REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR DEMOLITION REQUIREMENTS
 B. REFER TO E00-00 FOR ADDITIONAL DEMOLITION NOTES
- C. WHERE WALLS ARE BEING DEMOLISHED DOWN TO STUDS, REMOVE ALL ELECTRICAL DEVICES AND ASSOCIATED CONDUIT AND CONDUCTORS CONTAINED THEREIN UNLESS NOTED OTHERWISE.
- D. WHERE ENTIRE CIRCUIT IS REMOVED, CIRCUIT SHALL BE DEMOLISHED BACK TO POINT OF ORIGINIATION, TURN THE CIRCUIT BREAKER OFF AND LABEL AS "SPARE".
 E. ENERGIZE ALL EXISTING DEVICES THAT WERE INTERRUPTED DURING DEMOLITION.
 F. WHERE REMOVAL OF DEVICES AND ASSOCIATED CONDUIT AND CONDUCTORS EFFECTS

OTHER DEVICES, RECONNECT OR PROVIDE NEW CONDUIT AND CONDUCTORS AS

REQUIRED TO ASSURE THAT DEVICES IN ADJACENT AREAS AFFECTED BY THE

RENOVATION REMAIN COMPLETELY OPERATIONAL. # LEGEND NOTES

EXISTING POWER DEVICES, FIRE ALARM DEVICES, AND LIGHTING FIXTURES IN THIS ROOM/AREA TO BE DEMOLISHED, UNLESS NOTED OTHERWISE



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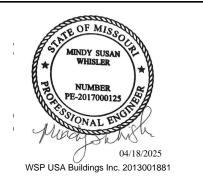
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Scottsdale, AZ 85251 T: 602.943.8950

Suite 500

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COMPENSATION TO DEVENNEY GROUP LTD.

ADMINISTRATION RELOCATION

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:

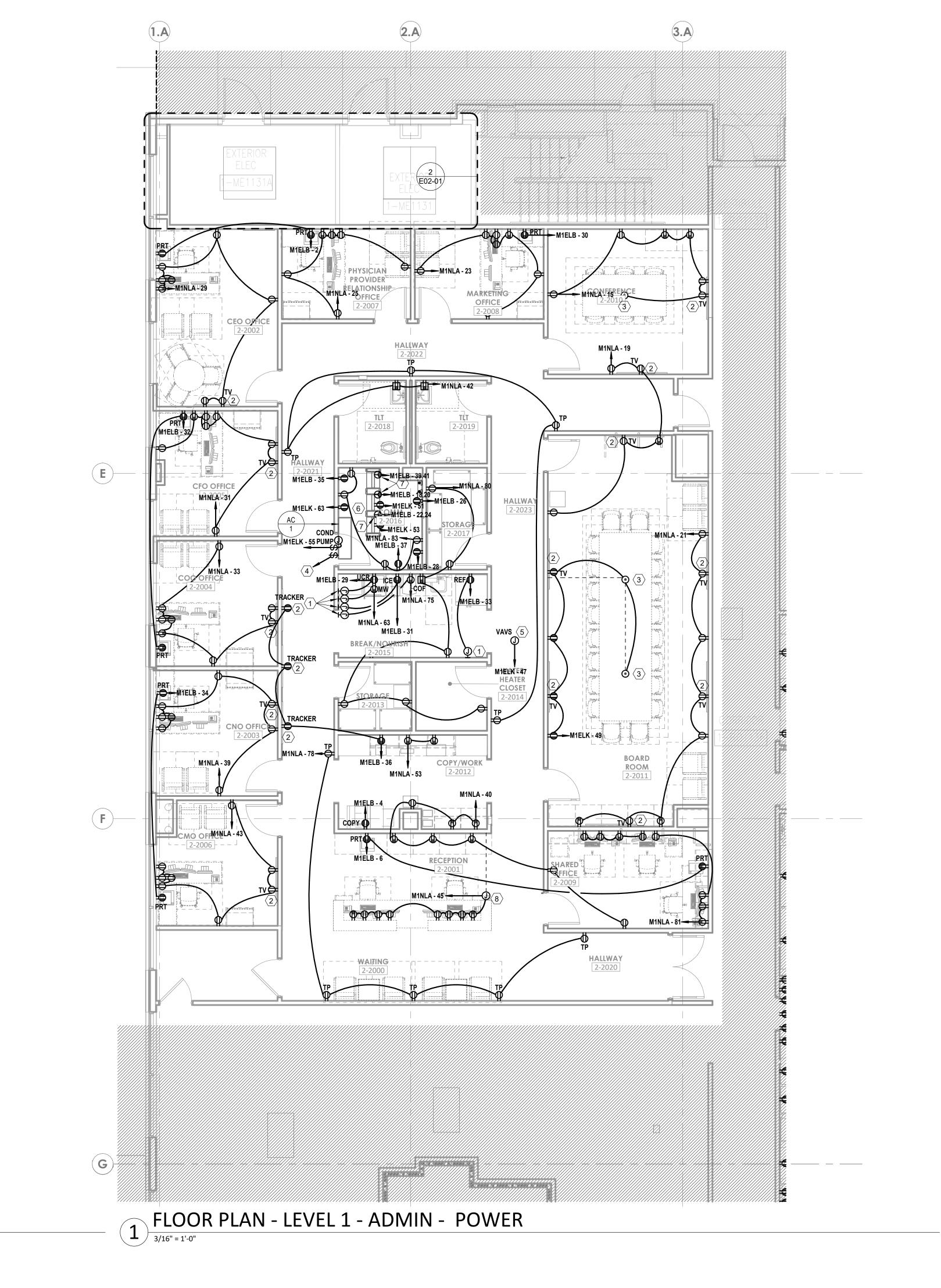
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LEVEL 1 - KEYPLAN

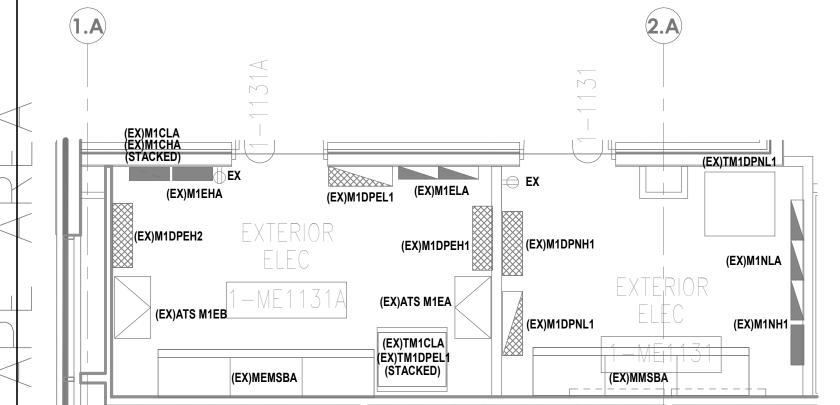
DATE: 04/18/2025
SCALE: As indicated DRAWN: Author REVIEWED: Checker
JOB NUMBER: 6406.24

DEMOLITION PLAN - LEVEL 1 - ADMIN - ELECTRICAL

ED02-01







ENLARGED FLOOR PLAN - LEVEL 01 ELEC ME1131 - POWER

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

- 1 PROVIDE BLANK FACE (FACELESS) GFCI IN A READILY ACCESSIBLE LOCATION FOR RECEPTACLE INDICATED LABEL PER DEVICE INDICATED ON DRAWINGS. REFER TO DETAIL 01/E07-01 FOR MORE INFORMATION.
- 2 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.
- 3 PROVIDE FLUSH, POUR-IN-PLACE FLOOR BOX EQUAL TO LEGRAND #RFBA4C30OG WITH DATA AND (2) DUPLEX RECEPTACLES. PROVIDE 1" CONDUIT FOR POWER WHEN ROUTED IN SLAB. REFER TO TECHNOLOGY FOR DATA REQUIREMENTS, INCLUDING CONDUIT SIZE(S). COORDINATE EXACT LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN. COORDINATE EXACT COVER FINISH WITH ARCHITECT PRIOR TO SUBMITTALS.
- 4 INDOOR UNIT TO BE SERVED FROM OUTDOOR UNIT. REFER TO OUTDOOR UNIT FOR MANUFACTURER REQUIREMENTS.
- 5 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.
- 6 DEVICES MOUNTED ON RACK, COORDINATE MOUNTING WITH T05-01 PRIOR TO INSTALLATION.
- 7 PROVIDE NEMA L6-30 AND 2#10, 1#10G, 3/4"C. 8 JUNCTION BOX LOCATED IN FLOOR UNDER RECEPTION ISLAND FOR ROUTING NORMAL POWER CIRCUITS INDICATED IN RECEPTION MILLWORK. ROUTE 1" CONDUIT IN FLOOR TO THE NEAREST WALL AND ABOVE ACCESSIBLE CEILING.



Devenney Group Ltd., Architects

6900 East Camelback Road

Suite 500 Scottsdale, AZ 85251 T: 602.943.8950

www.devenneygroup.com





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ADMINISTRATION RELOCATION

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FACILITY NUMBER: 0972400009

MISSOURI DHSS

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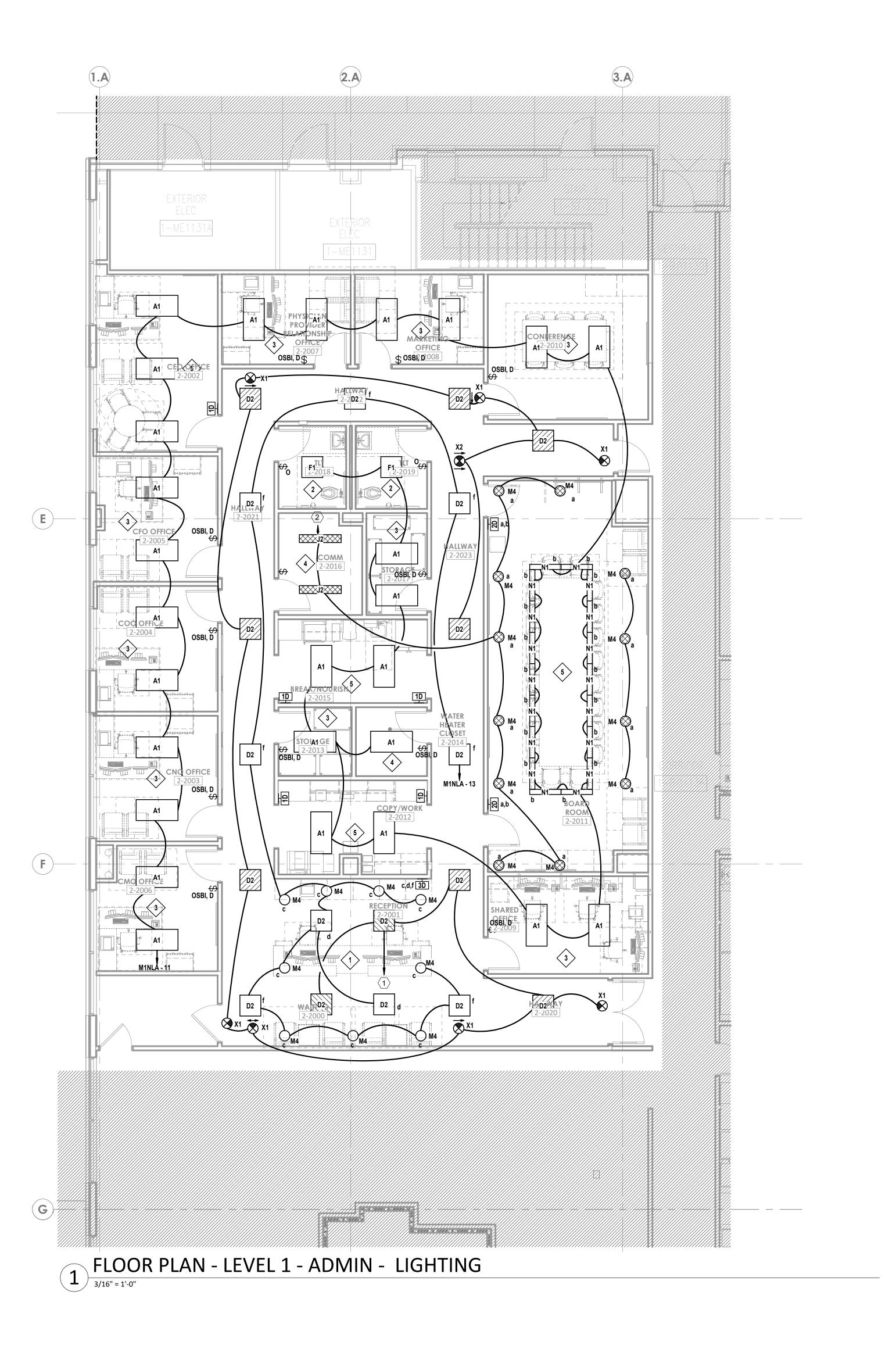
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LEVEL 1 - KEYPLAN

DATE:
SCALE:
DRAWN:
REVIEWED: As indicated 9 JOB NUMBER:

FLOOR PLAN - LEVEL 1 -| B ADMIN - POWER

E02-01



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.
- 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

LEGEND NOTES

JOINTS WITH ARCHITECTURAL DRAWINGS

1 CIRCUIT ON EXISTING LIGHTING LIFE SAFETY CIRCUIT PREVIOUSLY SERVING THIS AREA. 2 CIRCUIT ON EXISTING LIGHTING CRITICAL CIRCUIT PREVIOUSLY SERVING THIS AREA.



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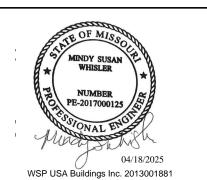
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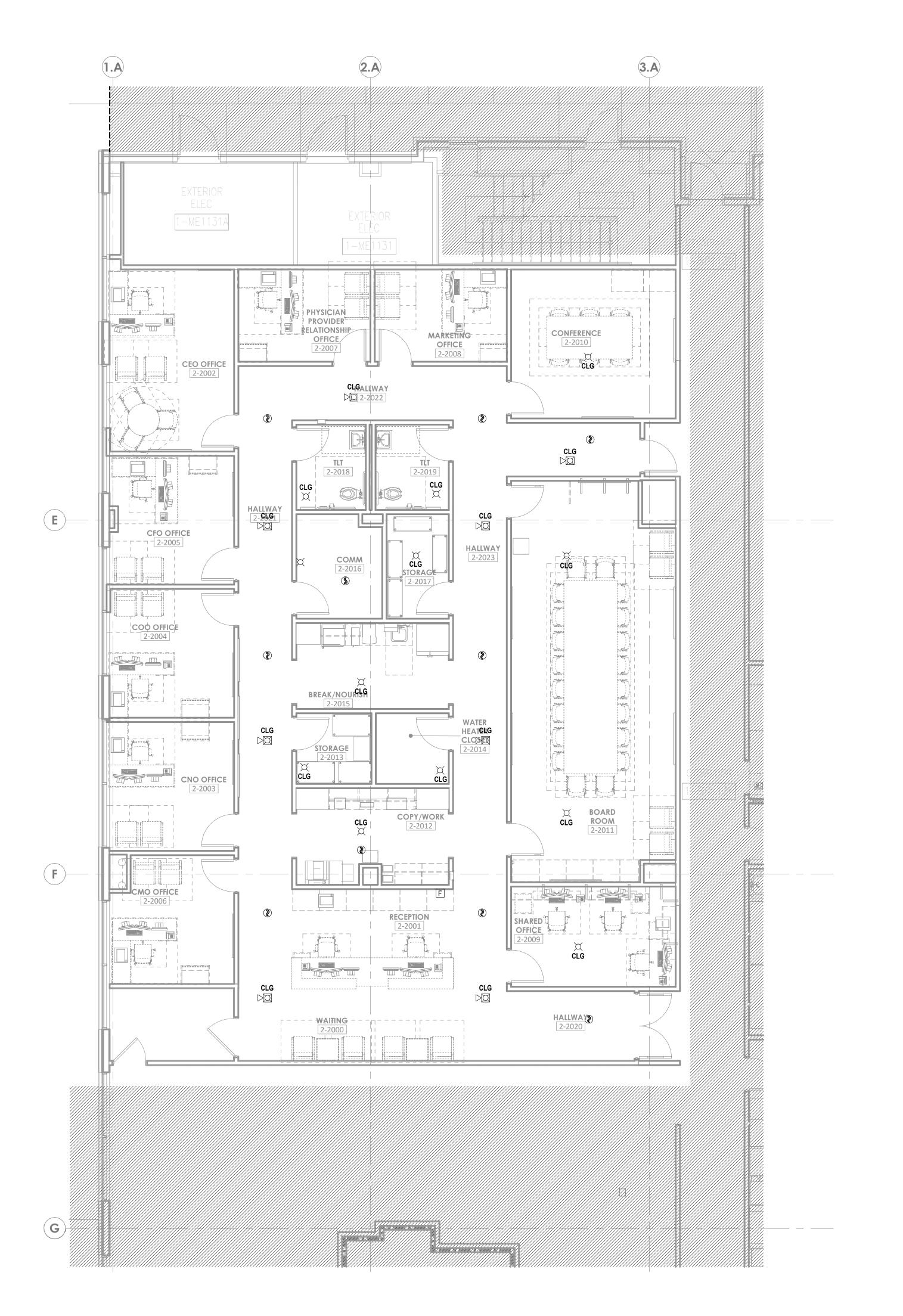
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LEVEL 1 - KEYPLAN

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FLOOR PLAN - LEVEL 1 -

E03-01



FLOOR PLAN - LEVEL 1 - ADMIN - SPECIAL SYSTEMS

GENERAL NOTES

- A. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES.
- B. COORDINATE EXACT LOCATION OF ALL MECHANICAL EQUIPMENT INCLUDING BUT NOT LIMITED TO F/S DAMPERS, VAV BOXES, FCU'S ETC. WITH MECHANICAL DRAWINGS AND DIV.23 CONTRACTOR.
- C. DO NOT SCALE DEVICE LOCATIONS FROM THESE DRAWINGS. REFER TO AND COORDINATE WITH THE ARCHITECTURAL DOCUMENTS. SPECIFICALLY, REFER TO ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR SPECIALTY.
- D. DELEGATED DESIGN OF FIRE ALARM: REFER TO DIVISION 28 SPECIFICATION SECTION FOR ADDITIONAL SYSTEM REQUIREMENTS. FIRE ALARM INITIATING DEVICES, NOTIFICATION APPLIANCES, CONTROL PANELS, ANNUNCIATOR PANELS, AND OTHER PERIPHERAL DEVICES SHOWN ON THESE DOCUMENTS DO NOT CONSTITUTE THE TOTAL QUANTITY OR TYPE OF DEVICES REQUIRED FOR THE WORK. THE DEVICES AND EQUIPMENT INDICATED ON THESE DOCUMENTS IS SHOWN FOR THE PURPOSE OF COORDINATION ONLY. THESE DRAWINGS AND THE ACCOMPANYING SPECIFICATIONS DEFINE THE SCOPE AND INTENT OF THE FIRE ALARM SYSTEM TO BE PROVIDED IN THE WORK. IN ADDITION TO THE SYSTEM AS SHOWN HEREIN AND SPECIFIED IN THE PROJECT MANUAL, THE LICENSED FIRE ALARM CONTRACTOR SHALL PROVIDE ALL PLANNING, DESIGN, CALCULATIONS, EQUIPMENT, DEVICES, RACEWAYS, BOXES, CABLING, SYSTEM PROGRAMMING AND ANY OTHER COMPONENT OR SERVICE REQUIRED FOR A COMPLETE, FULLY OPERATIONAL SYSTEM THAT MEETS ALL SPECIFIED REQUIREMENTS AND LOCAL CODES.
- E. SMOKE DETECTOR SPACING: FOR AREAS WHICH ARE INDICATED TO HAVE SMOKE DETECTOR COVERAGE THAT DO NOT HAVE A SUSPENDED CEILING (I.E. OPEN TO STRUCTURE), PROVIDE ONE DETECTOR PER STRUCTURAL POCKET TO MEET REQUIREMENTS OF NFPA 72. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING TYPES AND TO STRUCTURAL SLAB DETAILS FOR SLAB DEPRESSIONS THAT MAY CAUSE CONDITIONS REQUIRING ADDITIONAL DETECTORS.
- F. DETECTORS AT DAMPERS: PROVIDE A DUCT MOUNTED SMOKE DETECTOR AT ALL SMOKE AND COMBINATION FIRE/SMOKE DAMPER LOCATIONS. EACH DAMPER SHALL HAVE A DISCRETE RELAY LOCATED WITHIN 3 FT. OF THE CONTROLLING COMPONENT; COMMON RELAYS ARE NOT ACCEPTABLE. EXACT DEVICE QUANTITIES AND LOCATIONS FOR DAMPERS ARE SHOWN ON MECHANICAL DRAWINGS. REFER TO AND COORDINATE WITH DIVISION 23 DOCUMENTS, APPROVED SHOP DRAWINGS AND SUBMITTALS AND BETWEEN TRADES WITH HVAC INSTALLER PRIOR TO ROUGH-IN. REFER TO DIVISION 23 AND 28 SPECIFICATIONS AND TO DETAILS FOR ADDITIONAL REQUIREMENTS.
- G. PROVIDE APPROPRIATE EQUIPMENT AND CONNECTION(S) REQUIRED TO RELEASE DOOR HOLDERS UPON ALARM SIGNAL FROM THE FIRE ALARM CONTROL PANEL.



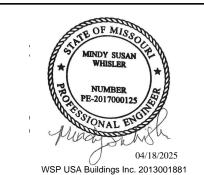
Devenney Group Ltd., Architects

www.devenneygroup.com

6900 East Camelback Road Suite 500 Scottsdale, AZ 85251

T: 602.943.8950





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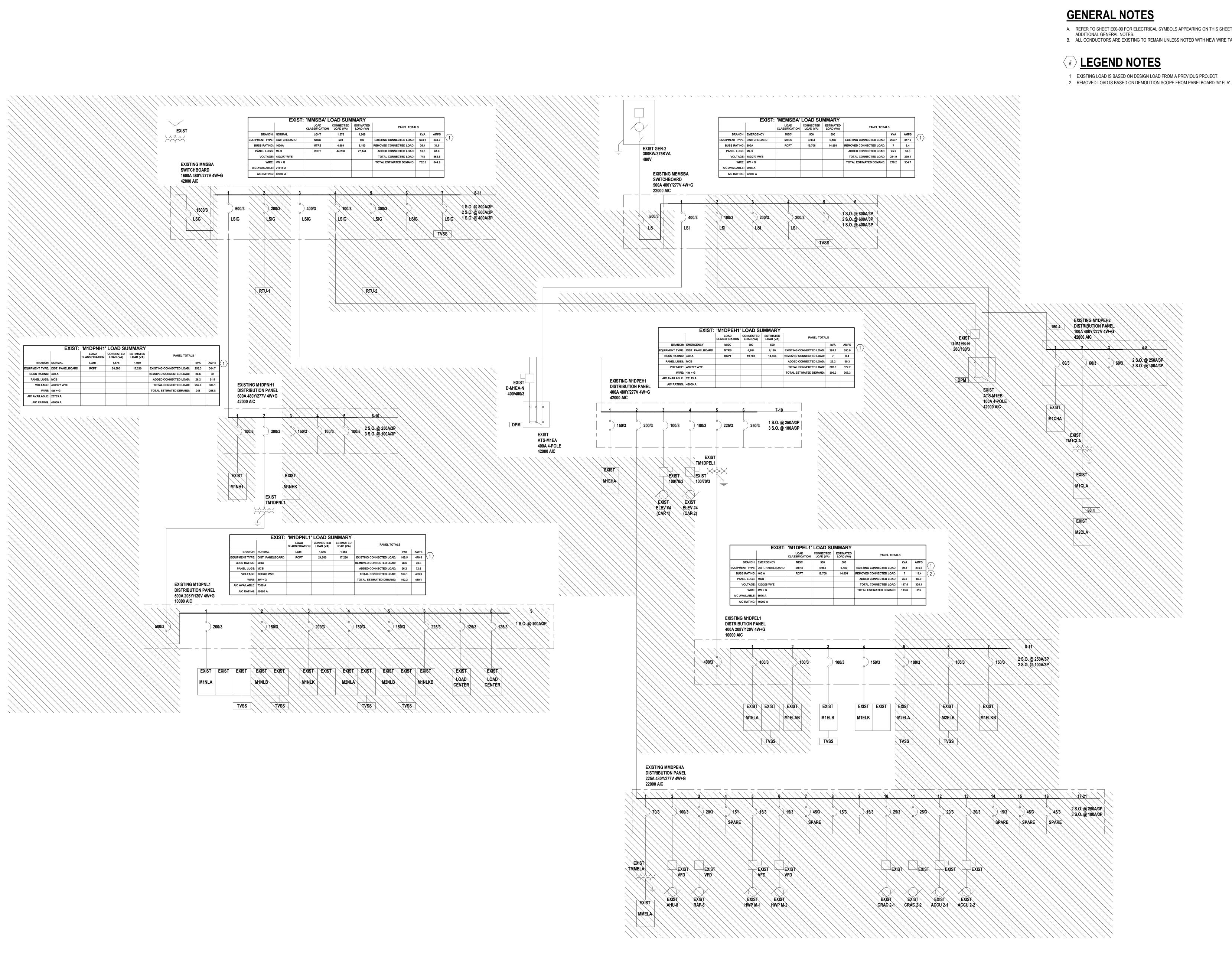
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LEVEL 1 - KEYPLAN

DATE: 04/18/2025
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JOB NUMBER: 6406.24

FLOOR PLAN - LEVEL 1 ADMIN - SPECIAL SYSTEMS

E04-01



1 MOB - NORMAL & EMERGENCY ONE-LINE DIAGRAM N.T.S

A. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND

B. ALL CONDUCTORS ARE EXISTING TO REMAIN UNLESS NOTED WITH NEW WIRE TAG.

1 EXISTING LOAD IS BASED ON DESIGN LOAD FROM A PREVIOUS PROJECT.



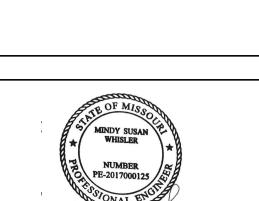
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Consultant:



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

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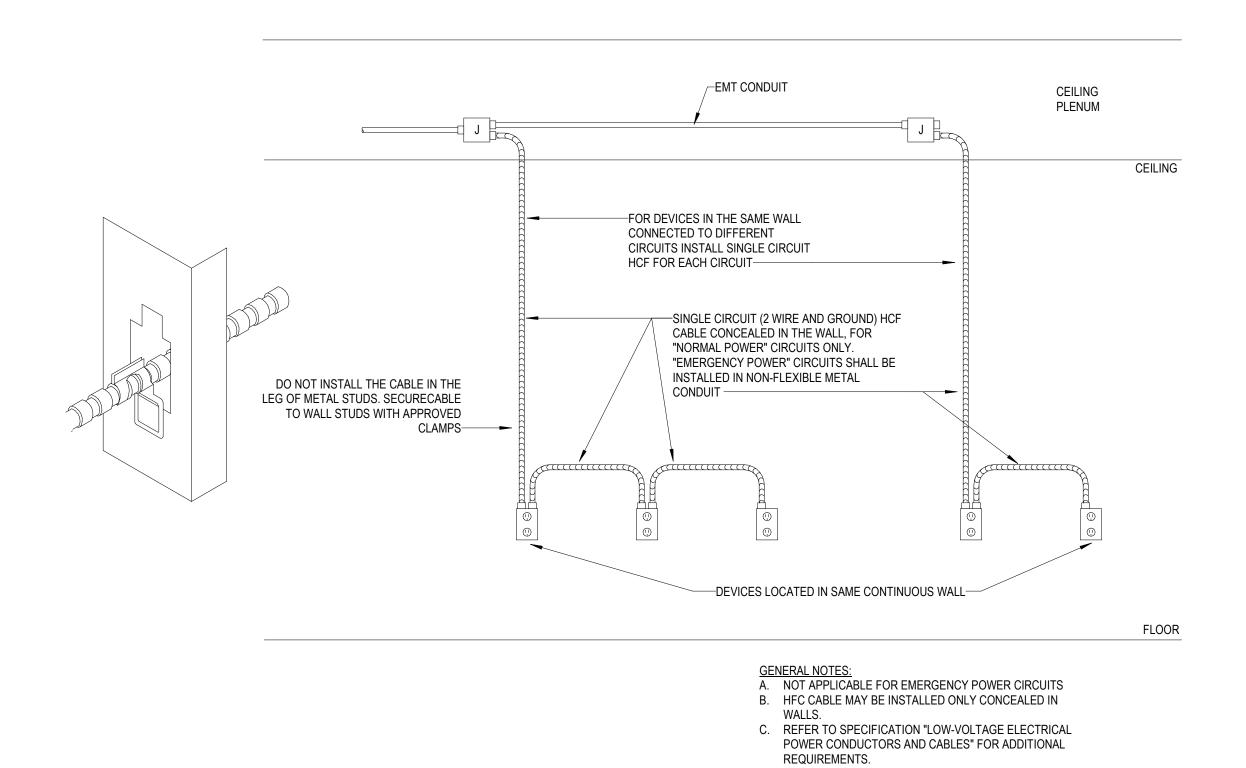
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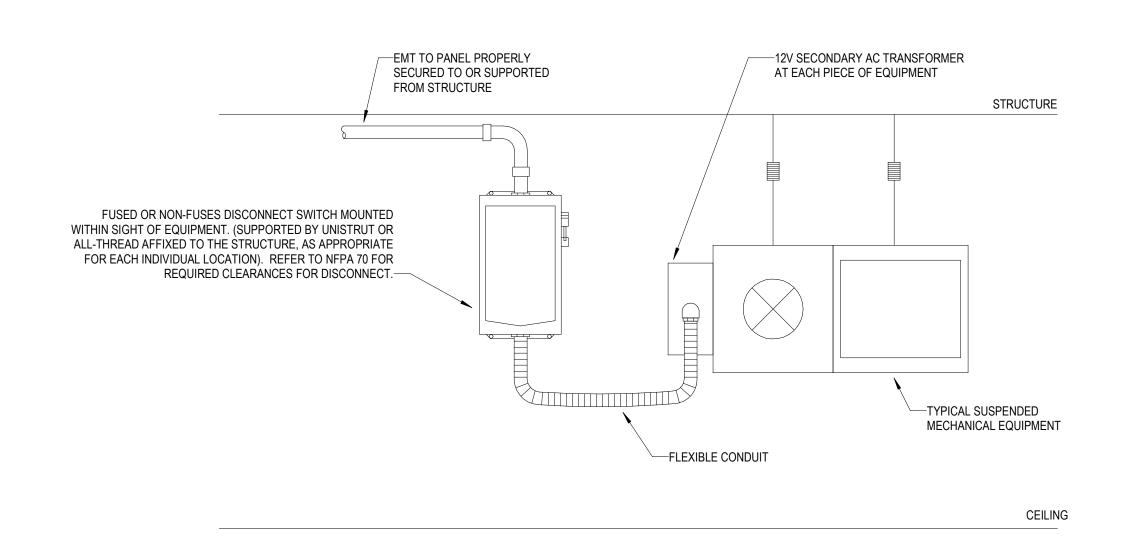
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DRAWN:
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SONE LINE DIAGRAM -ELECTRICAL

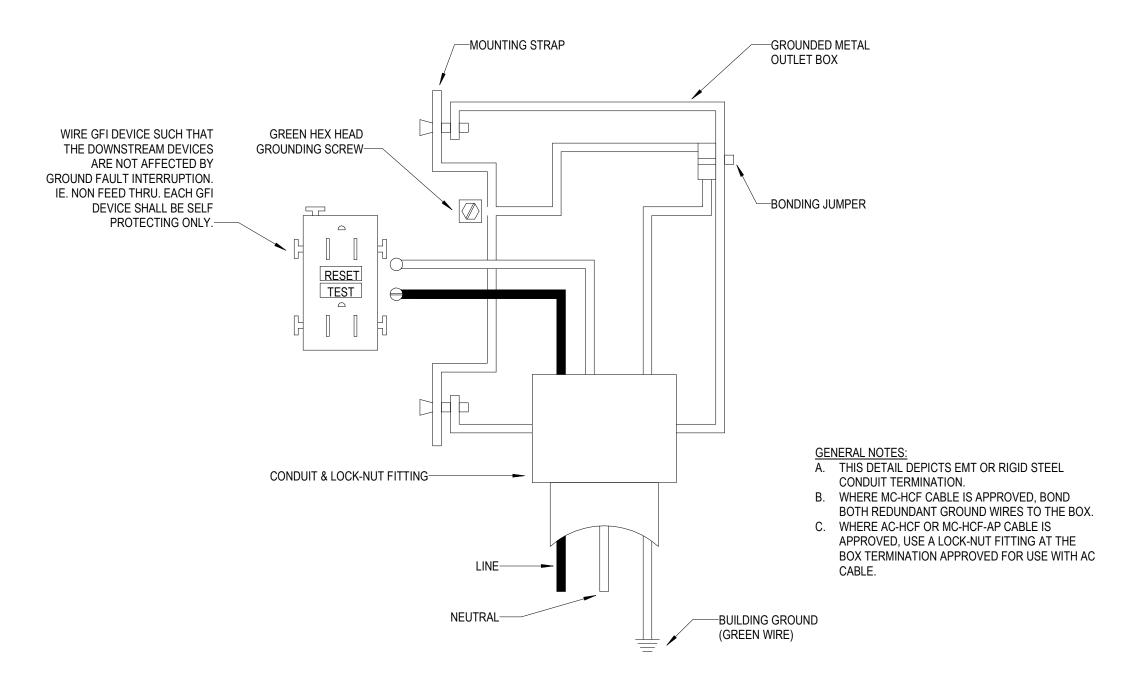
E06-01



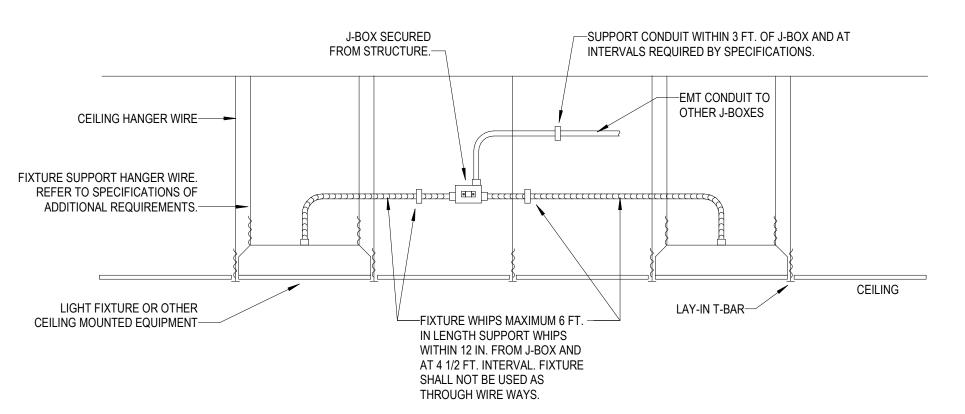
8 HEALTHCARE FACILITIES CABLE (HCF) INSTALLATION DETAIL N.T.S.



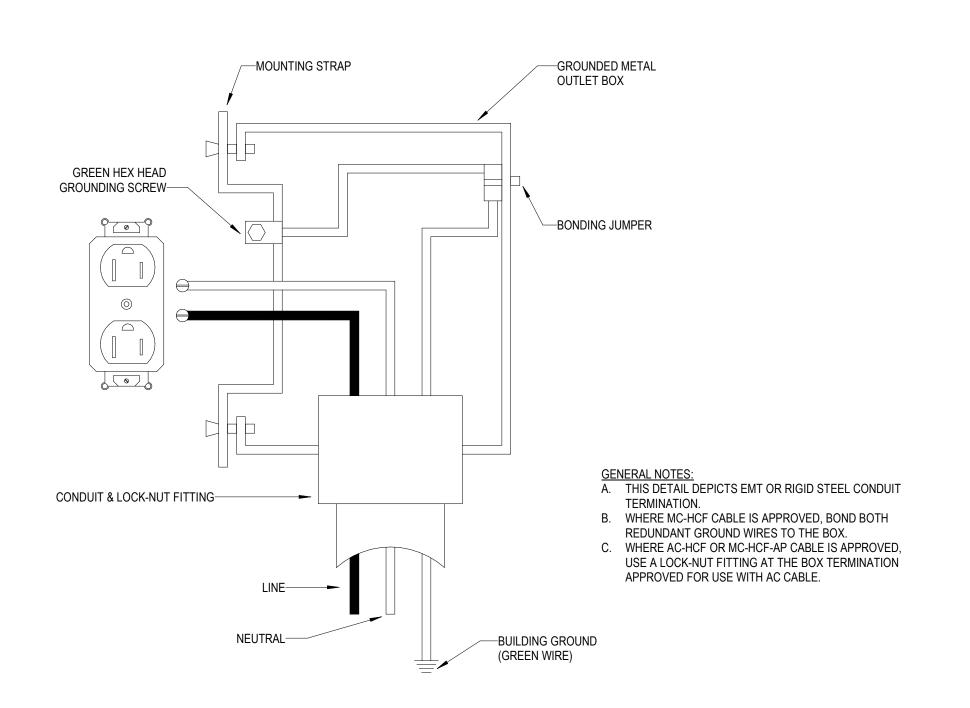
2 TYPICAL SUSPENDED MECH. EQUIPMENT HEAVY DUTY DISC. CONNECTION DETAIL N.T.S.



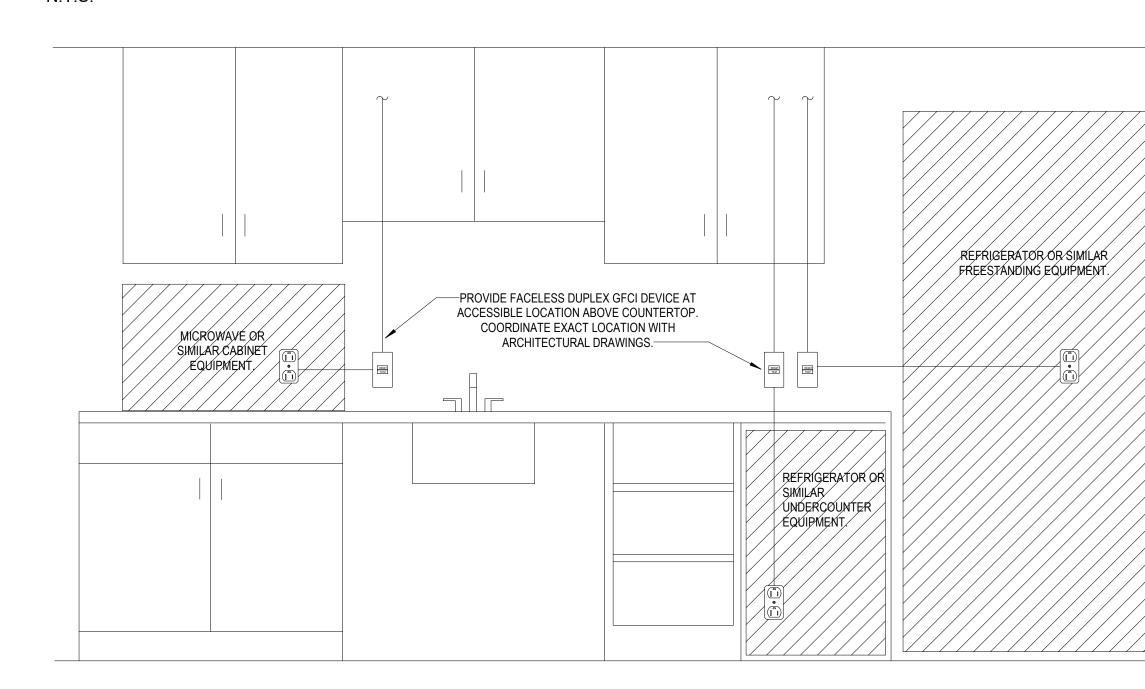
GFI RECEPTACLE - WIRING DIAGRAM N.T.S.



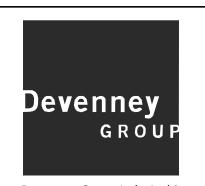
5 LAY-IN FIXTURE MOUNTING DETAIL N.T.S.



3 RECEPTACLE GROUNDING DETAIL N.T.S.

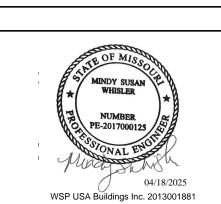


1 ACCESSIBLE GFCI DETAIL N.T.S.



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authority having jurisdiction: CITY OF LEE'S SUMMIT BUILDING DEPT. MISSOURI DHSS

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REVIEWED: Checker 6406.24

DETAILS - ELECTRICAL

9 JOB NUMBER:

E07-01

	ELECTRICAL LUMINAIRE FIXTURE SCHEDULE																	
T\/DE	PHYSICAL DESCRIPTION												CIFICATI	<u>ONS</u>		MANUFACTURER INFORMATION		
TYPE	DESCRIPTION	LOCATION	HOUSING	REFLECTOR	SHIELDING	<u>FINISH</u>	MOUNTING	COLOR TEMP.	<u>LAMP</u>	LUMENS	<u>HOURS</u>	VA L	JNITS	BALLAST / DRIVER	VOLTAGE	MANUFACTURER	CATALOG NUMBER	<u>REMARKS</u>
A1	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	4,000	LED	4,000	60000	32 I		LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#2VTL4 40L ADP EZ1 LP840	
A2	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	4,000	LED	4,800	60000	39 I	EACH [ED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#2VTL4 48L ADP EZ1 LP840	
D2	2' x 2' LED VOLUMETRIC TROFFER	STAFF WORKING	ONE PIECE STEEL	ACRYLIC LINEAR PRISMATIC DIFFUSER	WHITE REGRESSED ALUMINUM DOOR	MATTE WHITE POWDERCOAT	RECESSED GYPSUM BOARD OR LAY IN CEILING	4,000	LED	4,000	60000	33 I		ED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#2VTL2 40L ADP EZ1 LP840	
F1	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	4,000	LED	3,300	72000	29 I	EACH L	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#2GTL X 2 33L RW EZ1 LP840	
J2	4'-0" LED LOW PROFILE LENSED STRIPLIGHT WITH DROP LENS FOR 10% UPLIGHT	STORAGE AND FACILITY	20 GA. HEAVY DUTY STEEL HOUSING	SYMMETRIC REFLECTOR	COLD ROLLED STEEL	WHITE FINISH, PAINTED AFTER FABRICATION	CHAIN HUNG AT 9'-0" A.F.F. LOCATED AROUND EQUIPMENT	4,000	LED	7,000	50000	30		LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#ZL1D L48 SMR 7000LM FST MVOLT 40K 80CRI WH PAF	
M4	6" LED DOWNLIGHT WITH 45 DEGREE CUT OFF	PATIENT ROOMS	16 GA. GALVANIZED STEEL CONSTRUCTION	HIGH-IMPACT, FROSTED POLYCARBONATE LENS	LIGHT ENGINE AND DRIVER ACCESSIBLE THROUGH APERATURE	MATTE WHITE SELF-FLANGED, SEMI-SPECULAR FINISH	RECESSED GYPSUM BOARD OR LAY IN CEILING	4,000	LED	2,000	60000	20 I	EACH [LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	GOTHAM	#EVO6 40/20 AR MWD LSS MVOLT GZ10	
N1	RECESSED LINER PERIMETER COVE SYSTEM, CONTINUOS ROWS - REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LENGTHS	BOARD ROOMS, PERIMETE SYSTEM	R EXTRUDED ALUMINUM, 20 GA. COLD ROLLED STEEL INTERNAL WIRING TRAYS	EXTRUDED CLEAR FROST REGRESSED ACRYLIC LENS	N/A	NATURAL ALUMINUM HOUSING, HIGH REFLECTANCE MATTE WHITE FASCIA	RECESSED CEILING, VERIFY CEILING TYPE PRIOR TO ORDERING	4,000	LED	109	50000	10	LF L	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	MARK ARCHITECTURAL LIGHTING	#SPRLED LOP 3FT RLP FL 80CRI 40K 600LMF MIN1 MVOLT ZT	
X1	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	6 INCH HIGH RED LETTERS ON MIRROR BACKGROUND, DIRECTIONAL CHEVRON INDICATORS AS REQUIRED	BACK / CEILING / END MOUNTING AS REQUIRED PER PLANS	0	LED	10	87600	1 1	EACH N	N/A	120	LITHONIA	#LRP 1 RMR 120/277	
X2	LED DECORATIVE RECESSED EDGE-LIT EXIT LIGHT, DOUBLE FACE	EGRESS	20 GA. GALVANIZED STEEL, EXTRUDED ALUMINUM HOUSING	SATIN ALUMINUM TRIM PLATE, MOLDED TEXTURED LETTERS	N/A	6 INCH HIGH RED LETTERS ON MIRROR BACKGROUND, DIRECTIONAL CHEVRON INDICATORS AS REQUIRED	BACK / CEILING / END MOUNTING AS REQUIRED PER PLANS	0	LED	15	87600	2 I	EACH N	N/A	120	LITHONIA	#LRP 2 RMR 120/277	

	LIGHTING CONTROL REQUIREMENTS AND SEQUENCE OF OPERATIONS								
		CONTROL		MANUAL CONTROL/OV	ERRIDE		OCCUPANCY SENSOR		
٦	AG SPACE TYPES	CONTROL DESCRIPTION	CONTROL SYSTEM TYPE	DEVICE	DURIATION	TYPE/LOCATION	SET POINT	PHOTOCELL CONTROL	
1	PUBLIC AREAS, RECEPTION, CORRIDORS	MANUAL ON TO 100%, MANUAL OFF, DIMMING VIA MANUAL CONTROLS	STAND-ALONE	LINE VOLTAGE SWITCH	N/A	N/A	N/A	CEILING MOUNTED IN DAYLIGHT ZONES OVER 150W, 1 MIN FAD RATE	
2	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	
3	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	
4	ELECTRICAL, MECHANICAL, COMM ROOMS	MANUAL ON/OFF	STAND-ALONE	LINE VOLTAGE SWITCH	N/A	N/A	N/A	N/A	
5	ENCLOSED ROOMS (LARGE OFFICE, BREAK, SUPPORT,	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	

	CIST: M1NLA LOCATION: EXTERIOR ELEC 1-N MAIN BUS: 225 A MCB: N/A VOLTAGE: 120/208 WYE AIC AVAILABLE: 9970 A AIC RATING: 10000 A	ME1131	_	ENG I M PAN	ED FROM: WIRES CLOSURE BUS TYPE OUNTING EL LUGS ECTIONS	: 4W + : NEM. : COPI : SURI : MLO : 3	G + IG A 1 PER	TOTAL	NEUTRAL I GROUND I ISOLATED GROUND I 200% NEUT FEED THROUGH LU POLES PER SECT	BUS: YES BUS: YES BUS: YES RAL: NO JGS: YES	MAL
KT NO.	DESCRIPTION	LOAD (VA)		AKER	ABC	BRE	AKER ES /	LOAD (VA)	DESCRIPT	TON	CK NC
3	EXISTING LOAD EXISTING LOAD		20	1		1	20		EXISTING LOAD EXISTING LOAD		4
5	EXISTING LOAD		20	1		1	20		EXISTING LOAD		6
7	EXISTING LOAD		20	1		1	20		EXISTING LOAD		8
	EXISTING LOAD		20	1		1	20		EXISTING LOAD		10
	LGHT - ROOMS LGHT -HALLWAY	1,101 474	20	1		1 1	20		EXISTING LOAD EXISTING LOAD		14
	RCPT - CONFERENCE, MARK OFF.2-		20	1		1	20		EXISTING LOAD		16
17	SPARE		20	1		1	20		EXISTING LOAD		18
19 21	RCPT - CONFERENCE, BOARD RM. 2 RCPT - BOARD ROOM 2-2011	2-2011 900 1,440	20	1		1	20 20		EXISTING LOAD EXISTING LOAD		20
	RCPT - MARKETING OFFICE 2-2008	1,260	20	1		1	20		EXISTING LOAD		24
25	RCPT - PHYSICIAN OFFICE 2-2007	1,080	20	1		1	20		EXISTING LOAD		26
	EXISTING LOAD RCPT - CEO OFFICE 2-2002	1,440	20	1		1	20 20		EXISTING LOAD EXISTING LOAD		30
	RCPT - CEO OFFICE 2-2002	1,440	20	1		1	20		EXISTING LOAD		32
33	RCPT - COO OFFICE 2-2004	1,440	20	1		1	20		EXISTING LOAD		34
	EXISTING LOAD EXISTING LOAD		20	1		1	20 20		EXISTING LOAD EXISTING LOAD		38
	RCPT - CMO OFFICE 2-2003	1,440	20	1		1	20	1,440	RCPT - STG, COPY/WR	(2-2012	40
	EXISTING LOAD		20	1		1	20	1,080	RCPT - TLT, HALLWAY		
	RCPT - CNO OFFICE 2-2006	1,440	20	1		1	20		EXISTING LOAD		44
	RCPT - RECEPTION 2-2001 EXISTING LOAD	1,440	20 80	3		<u>1</u> 1	20 20		EXISTING LOAD EXISTING LOAD		46
49						1	20		EXISTING LOAD		50
51	DODT I AMINITE CODYNAIDKS 2045	4.000				1	20		EXISTING LOAD		52
53 55	RCPT - LAMINTR-COPY/WRK2-2015 SPARE	1,000	20	1 1		1	20 20		EXISTING LOAD EXISTING LOAD		54 56
57	SPARE		20	1		1	20		EXISTING LOAD		58
	SPARE		20	1		1	20		EXISTING LOAD		60
61 63	SPARE RCPT - MW-COPY/WORK 2-2015	1,200	20	1		<u>1</u> 1	20 20		EXISTING LOAD EXISTING LOAD		62
	EXISTING LOAD		20	1		1	20		EXISTING LOAD		66
	EXISTING LOAD		20	1 2		1	20 20		EXISTING LOAD		68
69 71	EXISTING LOAD		30			1	20		EXISTING LOAD EXISTING LOAD		72
	EXISTING LOAD		20	1		1	20		EXISTING LOAD		74
	RCPT - COF-COPY/WORK 2-2015 EXISTING LOAD	600	20	1		1	20 20	900	EXISTING LOAD RCPT - HALLWAY 2-202	0	78
	EXISTING LOAD		20	1		1	20	1,440	RCPT - BREAK, STG, TL		80
	RCPT - SHARED OFFICE 2-2009	1,440	20	1		1	20		EXISTING LOAD		82
	RCPT - TOI, STG, COMM 2-2016 EXISTING LOAD	720	20	1		1	20 20		EXISTING LOAD EXISTING LOAD		84
	EXISTING LOAD		20	1		1	20		EXISTING LOAD		88
	EXISTING LOAD		20	1		1	20		EXISTING LOAD		90
	EXISTING LOAD EXISTING LOAD		20 40	1 2		<u>1</u> 1	20 20		EXISTING LOAD EXISTING LOAD		92
95						1	20		EXISTING LOAD		96
	EXISTING LOAD		20	2		1	20		EXISTING LOAD		9:
99 01	 EXISTING LOAD		20	1		1	20 20		EXISTING LOAD EXISTING LOAD		10
03	EXISTING LOAD		20	1		1	20		EXISTING LOAD		10
	EXISTING LOAD EXISTING LOAD		20	1		1	20 20		EXISTING LOAD		10
	EXISTING LOAD EXISTING LOAD		20	1		1 1	20		EXISTING LOAD EXISTING LOAD		10
111	EXISTING LOAD		20	1		1	20		EXISTING LOAD		11
	EXISTING LOAD EXISTING LOAD		20	1 1		1	20 20		EXISTING LOAD EXISTING LOAD		11 11
	EXISTING LOAD EXISTING LOAD		20	1		1	20		EXISTING LOAD		11
119	EXISTING LOAD		20	1		1	20		EXISTING LOAD		12
21	EXISTING LOAD		20	3		3	30		EXISTING LOAD		12 12
25						<u></u>	<u></u>				12
					100 A / 6 MATED DE						
	LOAD CLASSIFICATION CON	NECTED LOA	D (VA)	LOII	(VA)	LIVIAINL			PANEL TOTAL	S	
	LGHT	1,576			1,969					kVA	AMPS
	RCPT	24,580			17,290				NG CONNECTED LOAD:	35.2	97.8
									YED CONNECTED LOAD:	26.6	73.8
									FAL CONNECTED LOAD:	26.2 34.8	72.6 96.5
									L ESTIMATED DEMAND:	27.9	77.4
								1017		20	

E	LOCATION: ELEC 1-ME: MAIN BUS: 225 A MCB: N/A VOLTAGE: 120/208 WY AIC AVAILABLE: EXISTING AIC RATING: 10000 A			NUMBE	ENC B MC PANI	WIRE LOSUR US TYP DUNTIN EL LUG	S: 4 RE: N PE: C IG: S SS: N	COPPER SURFACE MLO		NEUTRAL E GROUND E ISOLATED GROUND E 200% NEUTF FEED THROUGH LU POLES PER SECTI	BUS: YES BUS: YES BUS: NO BAL: NO IGS: YES	ENCY
CKT NO.	DESCRIPTION	L	OTAL OAD (VA)	1		АВС	E	CIRCUIT BREAKER POLES /	TOTAL LOAD (VA)	DESCRIPT	ION	CK
1	EXISTING LOAD			20	1			1 20		EXISTING LOAD		2
3	EXISTING LOAD			20	1			1 20		EXISTING LOAD		4
5	EXISTING LOAD			20	1			1 20		EXISTING LOAD		6
7	EXISTING LOAD			20	1			2 20		EXISTING LOAD		8
9	EXISTING LOAD			20	1							10
11 13	SPARE SPARE			20 15	3			1 20 1 20		EXISTING LOAD EXISTING LOAD		12 14
15								1 20		EXISTING LOAD		16
17			<u></u>					1 20		EXISTING LOAD		18
19	SPARE			20	3			1 20		EXISTING LOAD		20
21								1 20		EXISTING LOAD		22
23								1 20		SPARE		24
25	SPARE			20	1			1 20		SPARE		26
27	SPARE			20	1			1 20		SPARE		28
29	SPARE			20	1			1 20		SPARE		30
31	SPARE			20	1			1 20 1 20		SPARE SPARE		32
33 35	EXISTING LOAD EXISTING LOAD			20	1			1 20 1 20		SPARE		36
37	EXISTING LOAD			20	1			1 20		SPARE		38
39	SPARE			20	1			1 20		SPARE		40
41	SPARE			20	1			1 20		SPARE		42
43	ADMIN ACCU-1	4	1,784	30	2			1 20		SPARE		44
45								1 20		SPARE		46
47	ADMIN VAVS		500	20	1			1 20		SPARE		48
49	RCPT - BOARD ROOM 2-2011		1,440	20	1			1 20		SPARE		50
51 53	RCPT - COMM 2-2016 RCPT - COMM 2-2016		180 180	20 20	1			1 20 1 20		SPARE SPARE		52 54
55 55	AC-1 COND PUMP		200	20	1			1 20		SPARE		56
57	SPARE			20	1			1 20		SPARE		58
59	EXISTING LOAD			20	1			1 20		SPARE		60
61	EXISTING LOAD			20	1			1 20		SPARE		62
63	RCPT - COMM 2-2016		180	20	1			1 20		SPARE		64
65	SPARE			20	1			1 20		SPARE		66
67	SPARE			20	1			1 20		SPARE		68
69 71	SPARE SPARE			20	1			1 20 1 20		SPARE SPARE		70 72
73	SPARE			20	1			1 20		SPARE		74
75	SPARE			20	1			1 20		SPARE		76
77	SPARE			20	1			1 20		SPARE		78
79	SPARE			20	1			1 20		SPARE		80
81	SPARE			20	1			1 20		SPARE		82
83	SPARE			20	1 36.4	A / 26 A	/ 6 A	1 20		SPARE		84
	LOAD CLASSIFICATION	CONNECTE	D LOA	D (VA)		ATED (VA)	DEM			PANEL TOTALS	<u> </u>	
	MISC	50	00			500					kVA	AMPS
	MTRS	4,9				6,180			FXISTI	NG CONNECTED LOAD:	16.4	45.5
	RCPT	1,9				1,980				ED CONNECTED LOAD:	0	0
	NOI I	1,8	,50			1,900				DED CONNECTED LOAD:	7.5	20.7
										FAL CONNECTED LOAD:		
											23.9	66.2
									IOIA	L ESTIMATED DEMAND:	25.1	69.6
	OTES: EXISTING LOAD IS BAS											

E	LOCATION: ELEC 1-ME10 MAIN BUS: 100 A MCB: N/A VOLTAGE: 120/208 WYE AIC AVAILABLE: EXISTING AIC RATING: 10000 A			NUMBE	ENC B MC PAN	ED FROM WIRES CLOSURE BUS TYPE OUNTING EL LUGS ECTIONS	S: 4W - E: NEM E: COP S: SUR S: MLC	+ G + IG IA 1 PER FACE		NEUTRAL B GROUND B ISOLATED GROUND B 200% NEUTR FEED THROUGH LU POLES PER SECTI	US: YES US: YES AL: NO GS: YES	CY
CKT NO.	DESCRIPTION		TOTAL LOAD (VA)		CUIT AKER POLES	АВС	BRE	CUIT AKER ES /	TOTAL LOAD (VA)	DESCRIPTI	ON	CKT NO.
1	EXISTING LOAD			20	1		1	20	1,000	RCPT - PRT-CEO, PHY O	FFICE 2-2002	2
3	EXISTING LOAD			20	1		1	20	800	RCPT - COPY-COPY/WOR		4
5	EXISTING LOAD			20	1		1	20	1,000	RCPT - RECEPTION, SHA		6
7	EXISTING LOAD			20	1		1	20		EXISTING LOAD		8
9	EXISTING LOAD			20	1		1	20		EXISTING LOAD		10
11	EXISTING LOAD			20	1		1	20		EXISTING LOAD		12
13	EXISTING LOAD			20	1		1	20		EXISTING LOAD		14
15	EXISTING LOAD			20	1		1	20		EXISTING LOAD		16
17	EXISTING LOAD			20	1		2	30	2,496			18
19	EXISTING LOAD			20	1							20
21	EXISTING LOAD			20	1		2	30	2,496	RCPT - COMM 2-2016	PT - COMM 2-2016	
23	EXISTING LOAD			20	1						2 2010	
25	EXISTING LOAD			30	1		1	20	180	RCPT - COMM 2-2016		24
27	EXISTING LOAD			30	1		<u>·</u>	20	180	RCPT COMM 2-2016		28
29	RCPT - UCR-COPY/WORK 2-20)15	180	20	1		<u>·</u>	20	500	RCPT - PRT-MARKETING	OFFICE 2-2008	
31	RCPT- ICE-COPY/WORK 2-201		1,500	20	1		1	20	1,000	RCPT - PRT-CFO, COO O		32
33	RCPT - REF-COPY/WORK 2-20		1,500	20	1		1	20	1,000	RCPT - PRT-CNO, CMO C		34
35	RCPT - COMM 2-2016		180	20	1		1	20	1,040	RCPT - COPY/WRK2-2015		36
37	RCPT COMM 2-2016		180	20	1		3	30		EXISTING LOAD		38
39	RCPT - COMM 2-2016		2,496	30	2		-					40
41												42
	1		1	1	43 A	/ 51 A /	56 A	1	I	1		1
	LOAD CLASSIFICATION CONNECTED LOAD			D (VA)		MATED D (VA)		ס	PANEL TOTA		ALS	
	RCPT		17,728			13,864					kVA A	MPS
									EXIST	ING CONNECTED LOAD:	15.1	41.8
										/ED CONNECTED LOAD:	0	0
											-	49.2
										DED CONNECTED LOAD:		
										TAL CONNECTED LOAD:	32.8	91
									TOTA	L ESTIMATED DEMAND:	28.9	80.3



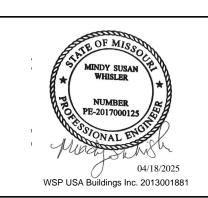


Devenney Group Ltd., Architects
6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

www.devenneygroup.com

T: 602.943.8950





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ADMINISTRATION RELOCATION

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:

REV # DESCRIPTION

DATE

TOTAL TOTAL

SCHEDULES - ELECTRICAL

E08-01

	ACC	ESS CONTROL SYMBOLS LEGEND		
ALL SYMBC	OLS SHOWN MAY NOT APPEAR ON	ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMA	TIC AND MAY NOT	BE TO SCALE.
SYMBOL		DESCRIPTION	BACK BOX	MTG. HEIGHT UNO (NOTE 1)
	MOUNT	TECHNOLOGY		CEILING OR WALL MOUNT
□M T	C - CEILING D - DESK	SDECIEIC TO DEVICE		
EXAMPLE	F - FLUSH H - HIDDEN M - MULLION P - POLE R - RACK S - SURFACE	- SPECIFIC TO DEVICE - CAN BE MULTIPLE	XX	
	T - TURNSTILE W - WALL	EX- EXISTING ETR- EXISTING TO REMAIN		
	CARD ACCESS READER			
CR	S - SMART CARD F - ELEVATOR FLOOR CALL I - iCLASS	H - ELEVATOR HALL CALL P - PROXIMITY	D1	48" AFF
BR T	M - MAGSTRIPE BIOMETRIC ACCESS READER	W - WIEGAND		
<u>ran</u> T	F - FINGERPRINT I - IRIS V - VOICE	H - HAND GEOMETRY R - RETINA	D1	48" AFF
CK _T	CARD ACCESS READER W/ KEYF B - BARCODE F - ELEVATOR FLOOR CALL	PAD S - SMART CARD H - ELEVATOR HALL CALL	D1	48" AFF
	I - iCLASS M - MAGSTRIPE	P - PROXIMITY W - WIEGAND DUAL PUSH BUTTON		
KP _T	KEYPAD D - DRY CONTACT	W - WIEGAND	D1	48" AFF
РВТ	D- DIRECT POWER DROP	X - REQUEST TO EXIT	D2	48" AFF
RR T	U - UNDER COUNTER	W- WALL	D2	18" AFF
DC	DOOR CONTACT		N/A N/A	(NOTE#4) AS REQD.
PB	PANIC BUTTON H- HARDWIRED W- WIRELESS		N/A	AS REQD.
KS T	KEY SWITCH A - ALTERNATE ACTION K - KEYED ALIKE	IC - INTERCHANGEABLE CORE L- LATCHING	D2	48" AFF
LPS	LD - LED LOCK POWER SUPPLY	M - MOMENTARY	N/A	AS REQD.
PP / WP	PUSH PAD/ WAVE PLATE - DOOR	R OPENING ACTUATOR (NOTE #3)	D2	48" AFF
CESS CONTR		R EXACT MOUNTING HEIGHTS OF ALL WALL MOUI	NTED DEVICES.	
SYMBOL	ACCESS	DESCRIPTION		
	DOUBLE GANG BACK BOX. 2 1/8"	DEEP, WITH SINGLE GANG DEVICE COVER AND 3.	/4" CONDUIT PATH	WAY
D1	STUBBED ABOVE ACCESSIBLE C		//III OONDUUT DATUU	
D2	DOUBLE GANG BACK BOX, 3 1/2"	DEED WITH SINGLE GANG DEVICE GOVER AND 3	/4" CONDUIT PATH	\
	STUBBED ABOVE ACCESSIBLE C			WAY
D3		EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3		
D3	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE.	3/4" CONDUIT PATH	HWAY
	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE.	3/4" CONDUIT PATH 3/4" CONDUIT PATH	HWAY HWAY CE.
D4	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. BILING SPACE. BILING SPACE. BILING SPACE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREME	3/4" CONDUIT PATH 3/4" CONDUIT PATH	HWAY HWAY CE.
D4	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE.	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA	HWAY CE.
D4	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE	DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. BY CONDUIT PATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREMES BURVEILLANCE SYMBOLS LEGEND	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA	HWAY CE. O SCALE. MTG. HEIGHT
D4 P1 SYMBOLS S	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. BY CONDUIT PATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREMES BURVEILLANCE SYMBOLS LEGEND DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC ADDESCRIPTION	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S	HWAY CE. O SCALE.
D4 P1 SYMBOLS S	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE VIDEO \$ SHOWN MAY NOT APPEAR ON ALL I M=MOUNTING TYI C - CEILING D - DESK	DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. 3/4" CONDUIT PATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREMED BACK BOX REQUIREMED DESCRIPTION DESCRIPTION T=TECHNOLOGY (CAMERA TYPE) - SPECIFIC TO DEVICE - CAN BE MULTIPLE	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S AND MAY NOT BE T BACK BOX	HWAY CE. O SCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR
D4 P1 SYMBOLS S	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE VIDEO S HOWN MAY NOT APPEAR ON ALL I M=MOUNTING TYR C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK	DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. BY CONDUIT PATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREMES BURVEILLANCE SYMBOLS LEGEND DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND DESCRIPTION PE T=TECHNOLOGY (CAMERA TYPE) - SPECIFIC TO DEVICE	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S AND MAY NOT BE T BACK BOX	HWAY CE. O SCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR
D4 P1 SYMBOLS S SYMBOL ZZZ PT EXAMPLE	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE WIDEO S CHOWN MAY NOT APPEAR ON ALL I M=MOUNTING TYR C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK T - TURNSTILE W - WALL STATIONARY CAMERA E - ENVIRONMENTAL	DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. 3/4" CONDUIT PATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREME BURVEILLANCE SYMBOLS LEGEND DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND DESCRIPTION PE T=TECHNOLOGY (CAMERA TYPE) - SPECIFIC TO DEVICE - CAN BE MULTIPLE - SHOWN BELOW FOR EACH CAMERA ZZZ = FIELD OF VIEW C - COVERT	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S AND MAY NOT BE T BACK BOX	HWAY CE. O SCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR WALL MOUNT
P1 SYMBOLS S SYMBOL ZZZ T	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE WIDEO S CHOWN MAY NOT APPEAR ON ALL II M=MOUNTING TYI C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK T - TURNSTILE W - WALL STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT	DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. 3/4" CONDUIT PATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREMED DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND DESCRIPTION DESCRIPTION T=TECHNOLOGY (CAMERA TYPE) - SPECIFIC TO DEVICE - CAN BE MULTIPLE - SHOWN BELOW FOR EACH CAMERA ZZZ = FIELD OF VIEW	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S AND MAY NOT BE T BACK BOX	HWAY CE. O SCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR
D4 P1 SYMBOLS S SYMBOL ZZZ PT EXAMPLE	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE WIDEO S HOWN MAY NOT APPEAR ON ALL II M=MOUNTING TYI C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK T - TURNSTILE W - WALL STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT PAN/TILT/ZOOM CAMERA B - BOX P - POE	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. 3/4" CONDUIT PATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREMENT OF DEVICE BACK BOX REQUIREMENT OF DESCRIPTION DESCRIPTION T=TECHNOLOGY (CAMERA TYPE) - SPECIFIC TO DEVICE - CAN BE MULTIPLE - SHOWN BELOW FOR EACH CAMERA ZZZ = FIELD OF VIEW C - COVERT D - DOME	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S AND MAY NOT BE T BACK BOX	HWAY CE. O SCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR WALL MOUNT
D4 P1 SYMBOLS S SYMBOL ZZZ PT EXAMPLE M T	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE THOWN MAY NOT APPEAR ON ALL I M=MOUNTING TYR C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK T - TURNSTILE W - WALL STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT PAN/TILT/ZOOM CAMERA B - BOX P - POE V - VANDAL RESISTANT 2 SENSOR CAMERA E - ENVIRONMENTAL E - ENVIRONMENTAL	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. BY CONDUIT PATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREMED DEVICE (CAMERA TYPE) T=TECHNOLOGY (CAMERA TYPE) T=TECHNOLOGY (CAMERA TYPE) SPECIFIC TO DEVICE CAN BE MULTIPLE SHOWN BELOW FOR EACH CAMERA ZZZ = FIELD OF VIEW C - COVERT D - DOME F - FISHEYE E - ENVIRONMENTAL D - DOME P - POE	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S AND MAY NOT BE T BACK BOX	HWAY CE. O SCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR WALL MOUNT AS REQD.
D4 P1 SYMBOLS S SYMBOL EXAMPLE T M T M M	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE WIDEO S HOWN MAY NOT APPEAR ON ALL II M=MOUNTING TYS M - MULLION P - POLE PE - PENDANT R - RACK T - TURNSTILE W - WALL STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT PAN/TILT/ZOOM CAMERA B - BOX P - POE V - VANDAL RESISTANT 2 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 3 SENSOR CAMERA	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. BY CONDUIT PATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREME BURVEILLANCE SYMBOLS LEGEND DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND DESCRIPTION DESCRIPTION PE T=TECHNOLOGY (CAMERA TYPE) - SPECIFIC TO DEVICE - CAN BE MULTIPLE - SHOWN BELOW FOR EACH CAMERA - ZZZ = FIELD OF VIEW C - COVERT D - DOME F - FISHEYE E - ENVIRONMENTAL D - DOME P - POE V - VANDAL RESISTANT	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S AND MAY NOT BE T BACK BOX	HWAY CE. O SCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR WALL MOUNT AS REQD. AS REQD.
D4 P1 SYMBOLS S SYMBOL T EXAMPLE M T M T	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE WIDEO S HOWN MAY NOT APPEAR ON ALL II M=MOUNTING TYII C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK T - TURNSTILE W - WALL STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT PAN/TILT/ZOOM CAMERA B - BOX P - POE V - VANDAL RESISTANT 2 SENSOR CAMERA E - ENVIRONMENTAL D - DOME	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. BY CONDUIT PATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREMED DEVICE (CAMERA TYPE) T=TECHNOLOGY (CAMERA TYPE) T=TECHNOLOGY (CAMERA TYPE) SPECIFIC TO DEVICE CAN BE MULTIPLE SHOWN BELOW FOR EACH CAMERA ZZZ = FIELD OF VIEW C - COVERT D - DOME F - FISHEYE E - ENVIRONMENTAL D - DOME P - POE	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S AND MAY NOT BE T BACK BOX	HWAY CE. O SCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR WALL MOUNT AS REQD.
D4 P1 SYMBOLS S SYMBOL EXAMPLE T M T M	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE WIDEO S HOWN MAY NOT APPEAR ON ALL II M=MOUNTING TYII C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK T - TURNSTILE W - WALL STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT PAN/TILT/ZOOM CAMERA B - BOX P - POE V - VANDAL RESISTANT 2 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 3 SENSOR CAMERA E - ENVIRONMENTAL	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND 3 EILING SPACE. DA'" CONDUIT PATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREME BURVEILLANCE SYMBOLS LEGEND DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AT THE CHNOLOGY (CAMERA TYPE) PE THUSH PA-PARAPET S-SURFACE CO-CORNER C-COVERT D-DOME T-FISHEYE E-ENVIRONMENTAL D-DOME P-POE V-VANDAL RESISTANT P-POE	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S AND MAY NOT BE T BACK BOX	HWAY CE. O SCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR WALL MOUNT AS REQD. AS REQD.
D4 P1 SYMBOLS S SYMBOL EXAMPLE M T M T M T M M T	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE WIDEO S HOWN MAY NOT APPEAR ON ALL II M=MOUNTING TYR C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK T - TURNSTILE W - WALL STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT PAN/TILT/ZOOM CAMERA B - BOX P - POE V - VANDAL RESISTANT 2 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 3 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DESCRIPTIONS FOR DEVICE BACK BOX REQUIREMENT OF DEVICE BACK BOX REQUIREMENT OF DEVICE SYMBOLS ARE SHOWN SCHEMATIC AS DESCRIPTION DESCRIPTION DESCRIPTION PE T=TECHNOLOGY (CAMERA TYPE) - SPECIFIC TO DEVICE - CAN BE MULTIPLE - SHOWN BELOW FOR EACH CAMERA ZZZ = FIELD OF VIEW C - COVERT D - DOME F - FISHEYE E - ENVIRONMENTAL D - DOME P - POE V - VANDAL RESISTANT	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S AND MAY NOT BE T BACK BOX	HWAY CE. O SCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR WALL MOUNT AS REQD. AS REQD. AS REQD.
D4 P1 SYMBOLS S SYMBOL EXAMPLE M T M T M T M T M T	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE WIDEO S HOWN MAY NOT APPEAR ON ALL II C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK T - TURNSTILE W - WALL STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT PAN/TILT/ZOOM CAMERA B - BOX P - POE V - VANDAL RESISTANT 2 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 3 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME MONITOR D - DESKTOP R - RECESSED VIDEO RECORDER	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DESCRIPTION SEIL CONTROL OF THE CONTR	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPAENTS AND PART #S AND MAY NOT BE T BACK BOX XX	HWAY CE. O SCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR WALL MOUNT AS REQD. AS REQD. AS REQD. AS REQD.
D4 P1 SYMBOLS S SYMBOL EXAMPLE M T M T NVR T M T	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE VIDEO S CHOWN MAY NOT APPEAR ON ALL I M=MOUNTING TYI C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK T - TURNSTILE W - WALL STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT PAN/TILT/ZOOM CAMERA B - BOX P - POE V - VANDAL RESISTANT 2 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 3 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME MONITOR D - DESKTOP R - RECESSED VIDEO RECORDER D - DVR SWITCH	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DIAM' CONDUIT PATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREMENT OF THE CAMERA STANDARD SPACE STANDARD STANDARD SPACE STANDARD STANDARD SPACE STANDARD SPA	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S AND MAY NOT BE T BACK BOX XX	HWAY CE. O SCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR WALL MOUNT AS REQD. AS REQD. AS REQD. AS REQD.
D4 P1 SYMBOLS S SYMBOL EXAMPLE M T M T NVR T NVR T M T M T	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE WIDEO S CHOWN MAY NOT APPEAR ON ALL IS M=MOUNTING TYS W-WALL M=MOUNTING TYS W-WALL T-TURNSTILE W-WALL STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT PAN/TILT/ZOOM CAMERA B - BOX P - POE V - VANDAL RESISTANT 2 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 3 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME MONITOR D - DESKTOP R - RECESSED VIDEO RECORDER D - DVR SWITCH K - KEY SWITCH P - PUSH BUTTON	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DESCRIPTION SEIL CONTROL OF THE CONTR	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPAENTS AND PART #S AND MAY NOT BE T BACK BOX XX	HWAY CE. O SCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR WALL MOUNT AS REQD. AS REQD. AS REQD. AS REQD.
D4 P1 SYMBOLS S SYMBOL EXAMPLE M T M T NVR M T	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE WIDEO S HOWN MAY NOT APPEAR ON ALL II M=MOUNTING TYR C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK T - TURNSTILE W - WALL STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT PAN/TILT/ZOOM CAMERA B - BOX P - POE V - VANDAL RESISTANT 2 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 3 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME MONITOR D - DESKTOP R - RECESSED VIDEO RECORDER D - DVR SWITCH K - KEY SWITCH	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DIAM' CONDUIT PATHWAY STUBBED ABOVE ACCESS CIFICATIONS FOR DEVICE BACK BOX REQUIREMENT OF THE CAMERA STANDARD SPACE STANDARD STANDARD SPACE STANDARD STANDARD SPACE STANDARD SPA	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S AND MAY NOT BE T BACK BOX XX	HWAY CE. O SCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR WALL MOUNT AS REQD. AS REQD. AS REQD. AS REQD.
D4 P1 SYMBOLS S SYMBOL EXAMPLE M T M T NVR M T NVR M T DEO SURVEIL	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE WIDEO S CHOWN MAY NOT APPEAR ON ALL II M=MOUNTING TYI C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK T - TURNSTILE W - WALL STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT PAN/TILT/ZOOM CAMERA B - BOX P - POE V - VANDAL RESISTANT 2 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 3 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME MONITOR D - DESKTOP R - RECESSED VIDEO RECORDER D - DVR SWITCH K - KEY SWITCH P - PUSH BUTTON POWER SUPPLY A - 12VDC B - 24VAC	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DESCRIPTION STOR DEVICE BACK BOX REQUIREMENTS. SURVEILLANCE SYMBOLS LEGEND DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AS CAMERA TYPE) F - FLUSH PARAPET S - SURFACE CO- CORNER C - COVERT D - DOME F - FISHEYE E - ENVIRONMENTAL D - DOME P - POE V - VANDAL RESISTANT P - POE V - VANDAL RESISTANT S - SWING ARM T - WITH TILT N - NVR T - TOGGLE	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S AND MAY NOT BE T BACK BOX XX XX	HWAY CE. O SCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR WALL MOUNT AS REQD. AS REQD. AS REQD. AS REQD. AS REQD.
P1 SYMBOLS S SYMBOL SYMBOL SYMBOL M T M T M T NVR M T NVR M T SW T DEO SURVEIL REFER TO REFER TO REFER TO REFER TO	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE WIDEO S CHOWN MAY NOT APPEAR ON ALL II M=MOUNTING TYI C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK T - TURNSTILE W - WALL STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT PAN/TILT/ZOOM CAMERA B - BOX P - POE V - VANDAL RESISTANT 2 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 3 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME MONITOR D - DESKTOP R - RECESSED VIDEO RECORDER D - DVR SWITCH K - KEY SWITCH P - PUSH BUTTON POWER SUPPLY A - 12VDC B - 24VAC LANCE NOTES: ARCHITECTURAL ELEVATIONS FOI FLOOR PLANS FOR DEVICE LOCAT ENLARGED COMM ROOM LAYOUT	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DESCRIPTION SPACE SYMBOLS LEGEND DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AS DESCRIPTION DE T=TECHNOLOGY (CAMERA TYPE) - SPECIFIC TO DEVICE - CAN BE MULTIPLE - SHOWN BELOW FOR EACH CAMERA ZZZ = FIELD OF VIEW C - COVERT D - DOME F - FISHEYE E - ENVIRONMENTAL D - DOME P - POE V - VANDAL RESISTANT P - POE V - VANDAL RESISTANT S - SWING ARM T - WITH TILT N - NVR T - TOGGLE R EXACT MOUNTING HEIGHTS OF ALL WALL MOU	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S AND MAY NOT BE T BACK BOX XX XX D2 D2 NTED DEVICES.	HWAY CE. CSCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR WALL MOUNT AS REQD. AS REQD. AS REQD. AS REQD. AS REQD. AS REQD.
D4 P1 SYMBOLS S SYMBOL SYMBOL SYMBOL SYMBOL M T M M T M M T NVR M T SW M T EO SURVEIL REFER TO O REFER TO O REFER TO O EQUIPMEN	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE WIDEO S HOWN MAY NOT APPEAR ON ALL II M=MOUNTING TYI C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK T - TURNSTILE W - WALL STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT PAN/TILT/ZOOM CAMERA B - BOX P - POE V - VANDAL RESISTANT 2 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 3 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME WONITOR D - DESKTOP R - RECESSED VIDEO RECORDER D - DVR SWITCH K - KEY SWITCH P - PUSH BUTTON POWER SUPPLY A - 12VDC B - 24VAC LANCE NOTES: ARCHITECTURAL ELEVATIONS FOIFLOOR PLANS FOR DEVICE LOCATENLARGED COMM ROOM LAYOUT T.	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DESCRIPTION STATE S	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S AND MAY NOT BE T BACK BOX XX XX D2 D2 NTED DEVICES.	HWAY CE. CSCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR WALL MOUNT AS REQD. AS REQD. AS REQD. AS REQD. AS REQD. AS REQD.
P1 SYMBOLS S SYMBOL SYMBOL SYMBOL M T M T M T M T NVR T SW T EO SURVEIL REFER TO REF	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE WIDEO S CHOWN MAY NOT APPEAR ON ALL IS M=MOUNTING TYS WHOWN MAY NOT APPEAR ON ALL IS WHOWN MAY NOT APPEAR ON ALL	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DESCRIPTION STOR DEVICE BACK BOX REQUIREMENTS. DESCRIPTION DE T=TECHNOLOGY (CAMERA TYPE) - SPECIFIC TO DEVICE - CAN BE MULTIPLE - SHOWN BELOW FOR EACH CAMERA ZZZ = FIELD OF VIEW C - COVERT D - DOME F - FISHEYE E - ENVIRONMENTAL D - DOME P - POE V - VANDAL RESISTANT P - POE V - VANDAL RESISTANT S - SWING ARM T - WITH TILT N - NVR T - TOGGLE R EXACT MOUNTING HEIGHTS OF ALL WALL MOU TION LAYOUT. AND TYPICAL EQUIPMENT RACK LAYOUTS FOR E REVEILLANCE BACK BOX SCHEDULE DESCRIPTION DESCRIPTION DESCRIPTION T DESCRIPTION DESCRIPTION DESCRIPTION T DESCRIPTION	3/4" CONDUIT PATH 3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S AND MAY NOT BE T BACK BOX XX XX D2 D2 NTED DEVICES. XACT PLACEMENT	HWAY CE. O SCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR WALL MOUNT AS REQD. AS REQD. AS REQD. AS REQD. OF HEADEND
P1 SYMBOLS S SYMBOL SYMBOL SYMBOL SYMBOL M T M M T NVR M T SW T EO SURVEIL REFER TO REFER TO REFER TO REFER TO EQUIPMENT	DOUBLE GANG BACK BOX, 2 1/8" STUBBED ABOVE ACCESSIBLE C DOUBLE GANG BACK BOX, 3 1/2" STUBBED ABOVE ACCESSIBLE C PROPRIETARY BACK BOX WITH 3 REFER TO MANUFACTURER SPE WIDEO S CHOWN MAY NOT APPEAR ON ALL IS WHOUNTING TYS C - CEILING D - DESK M - MULLION P - POLE PE - PENDANT R - RACK T - TURNSTILE W - WALL STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT PAN/TILT/ZOOM CAMERA B - BOX P - POE V - VANDAL RESISTANT 2 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 3 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME 4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME MONITOR D - DESKTOP R - RECESSED VIDEO RECORDER D - DVR SWITCH K - KEY SWITCH P - PUSH BUTTON POWER SUPPLY A - 12VDC B - 24VAC LANCE NOTES: ANCHITCHELING: 2X2 METAL CAM PATHWAY STUBBED ABOVE ACC LAY-IN CEILING: 2X2 METAL CAM LAY	EILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DEEP, WITH DOUBLE GANG DEVICE COVER AND SEILING SPACE. DESCRIPTION STOR DEVICE BACK BOX REQUIREMENTS. DESCRIPTION DESCRIPTION T=TECHNOLOGY (CAMERA TYPE) F-FLUSH - SPECIFIC TO DEVICE - CAN BE MULTIPLE - SHOWN BELOW FOR EACH CAMERA ZZZ = FIELD OF VIEW C-COVERT D-DOME F-FISHEYE E-ENVIRONMENTAL D-DOME P-POE V-VANDAL RESISTANT P-POE V-VANDAL RESISTANT S-SWING ARM T-WITH TILT N-NVR T-TOGGLE REXACT MOUNTING HEIGHTS OF ALL WALL MOU ION LAYOUT. AND TYPICAL EQUIPMENT RACK LAYOUTS FOR EMPLY BACK BOX SCHEDULE DESCRIPTION DESCRIPTION DESCRIPTION DEEP, MOUNTED SPACE. REVEILLANCE BACK BOX SCHEDULE DESCRIPTION DESCRIPTIO	BACK BOX D2 D2 NTED DEVICES. XACT PLACEMENT D3/4" CONDUIT PATH SIBLE CEILING SPA ENTS AND PART #S AND MAY NOT BE T BACK BOX D2 D2 D3 D3 D3 D4 D5 D5 D5 D5 D5 D5 D5 D5 D5	HWAY CE. CS. O SCALE. MTG. HEIGHT UNO (NOTE 1) CEILING OR WALL MOUNT AS REQD. AS REQD. AS REQD. AS REQD. OF HEADEND AND 3/4" CONDUIT

TO ABOVE ACCESSIBLE CEILING SPACE WITHIN BUILDING.

DOUBLE GANG ALUMINUM WEATHERPROOF BACK BOX, 2 1/8" DEEP, SURFACE MOUNTED ON INSIDE OF PARAPET, 3/4"

LIQUID-TITE FROM BACK BOX TO CAMERA (WITH DRIP LOOP), AND 3/4" CONDUIT PATHWAY FROM BACK BOX STUBBED

INTERCOM LEGEND

ALL SYMBOLS SHOWN MAY NOT APPEAR ON ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE TO SCALE.

INTERCOM CABLE SCHEDULE

DESCRIPTION

2 CONDUCTOR #18 AWG

CATEGORY CABLE

CABLING CONTRACTOR TO PROVIDE AND INSTALL ALL INTERCOM CABLES AS SHOWN ON THE DRAWINGS; LEAVING A MINIMUM

DOOR STATIONS SHALL BE PROVIDED WITH DOOR UNLOCK CAPABILITY WITH THE ASSOCIATED DOOR FROM THE MASTER

REFER TO RESPONSIBILITY MATRIX SCHEDULE FOR OWNERSHIP OF RESPONSIBILITIES OF THE INTERCOM SYSTEM.

INTERCOM MASTER CONTROL STATION - DESK MOUNTED. DOUBLE GANG BOX, 4" X

INTERCOM REMOTE MONITORING LOCATION - DESK MOUNTED. DOUBLE GANG BACKBOX, 4" X 4", WITH 2" X 4" DEVICE COVER, 1" CONDUIT STUBBED ABOVE CEILING.

INTERCOM DOOR STATION - WALL MOUNTED. DOUBLE GANG BACKBOX, 4" X 4".

INTERCOM DOOR STATION W/ CARD READER - FLUSH MOUNTED. PROPRIETARY

4", WITH 2" X 4" DEVICE COVER, 1" CONDUIT STUBBED ABOVE CEILING.

WITH 2" X 4" DEVICE COVER, 1" CONDUIT STUBBED ABOVE CEILING.

REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL DEVICES.

BACK BOX, 1" CONDUIT STUBBED ABOVE CEILING.

SYMBOL

"IC-N"

2 FEET COILED AT EACH LOCATION.

UNO (NOTE 1)

18" AFF

18" AFF

6300UE

REFER TO

DIV. 271500

MOUNT

		GENERAL SYMBOLS LEGEND	
ALL SYMBOL	_S SHOWN MAY	NOT APPEAR ON ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND) MAY NOT BE TO SCALE.
— с	: P	PROPOSED CABLE PATH. SEE DETAILS FOR MORE INFORMATION. CAR COORDINATION PURPOSES ONLY. PATH SHALL BE FIELD VERIFIED BY	
<u> </u>	— I	2", UNLESS NOTED OTHERWISE, PRE-MANUFACTURED SLEEVE FIRE FITHROUGH RATED WALL, EMT SLEEVE THROUGH NON-RATED WALL.	RATED PATHWAY DEVICE
C		VERTICAL CORE AND SLEEVE THROUGH FLOOR. PROVIDE EMT SLEE PLASTIC BUSHING ON BOTH ENDS. REFER TO FLOOR PLANS FOR SIZ MATCH FLOOR BEING PENETRATED. REFER TO ARCHITECTURAL DRA RATINGS.	ZING. RATING SHALL
197 000.	555500C	2 POST FREESTANDING EQUIPMENT RACK. SIZE AND LOCATION AS SAND SPECS.	SHOWN ON DRAWINGS
0.00		4 POST FREESTANDING EQUIPMENT RACK. SIZE AND LOCATION AS SAND SPECS.	SHOWN ON DRAWINGS
		BASKET TRAY SIZE AND LOCATION AS SHOWN ON DRAWINGS AND S	SPECS.
•	•	TELECOMMUNICATIONS GROUND BUSS BAR (TGB) - 1/4" X 4" X 12"; CP EQUAL	I PART # 40153-012 OR
		VOICE/DATA SYMBOLS LEGEND	
ALL SYMBO	OLS SHOWN MA	Y NOT APPEAR ON ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AN	D MAY NOT BE TO SCALE.
		# = DESIGNATES CABLE/JACK COUNT FOR DEVICE	
SYMBOL		DESCRIPTION	MTG. HEIGHT U.N.O. (NOTE
# ∨ ▼	VOICE ONLY	OUTLET	18" AFF
#D ▽	HOSPITAL D	ATA NETWORK ONLY OUTLET	18" AFF
#V/#D ▼	COMBINATIO	ON VOICE & HOSPITAL DATA NETWORK OUTLET	18" AFF
PM#	PHYSIOLOG	ICAL MONITORING NETWORK OUTLET	18" AFF

SYMBOL	DESCRIPTION	MTG. HEIGHT U.N.O. (NOTE 1			
# ∨ ▼	VOICE ONLY OUTLET				
#D ▽	HOSPITAL DATA NETWORK ONLY OUTLET	18" AFF			
#V/#D ▼	COMBINATION VOICE & HOSPITAL DATA NETWORK OUTLET	18" AFF			
PM# ▽	PHYSIOLOGICAL MONITORING NETWORK OUTLET	18" AFF			
FM# ▽	FETAL MONITORING NETWORK OUTLET	18" AFF			
PM#/#D ▽	COMBINATION PHYSIOLOGICAL MONITORING NETWORK & HOSPITAL DATA NETWORK OUTLET	18" AFF			
W W W ∀	VOICE AND/OR DATA OUTLET, WALL PHONE STYLE FACEPLATE, 1 VOICE/DATA CABLE. PROVIDE DOUBLE GANG BACK, 2 1/8" DEEP, WITH SINGLE GANG DEVICE COVER AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.	48" AFF			
W OR ∜	VOICE AND/OR DATA OUTLET, WALL PHONE STYLE FACEPLATE, 1 VOICE/DATA CABLE, MOUNTED ABOVE COUNTER. PROVIDE DOUBLE GANG BACK, 2 1/8" DEEP, WITH SINGLE GANG DEVICE COVER AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.	42" AFF			
♦ ♦ ♦	ABOVE COUNTER OUTLET, #=CABLE QUANTITY, MOUNTED ABOVE THE COUNTERTOP. PROVIDE DOUBLE GANG BACK BOX, 2 1/8" DEEP, WITH SINGLE GANG DEVICE COVER AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.	42" AFF			
	FLOOR MOUNTED OUTLET, #=CABLE QUANTITY. REFER TO ELECTRICAL (E) SHEETS FOR ADDITIONAL ROUGH IN REQUIREMENTS.	FLOOR			
\$ - \$ - \$	CEILING MOUNTED OUTLET, #=CABLE QUANTITY. OUTLET TO BE HOUSED ABOVE ACCESSIBLE CEILING. CABLE TO LOCATION SHOWN ON THE FLOOR PLANS AND LEAVE A MINIMUM 25 FEET COILED AT THE LOCATION.	ABOVE ACCESSIBLE CEILING			
-⇔#WAP	DATA OUTLET FOR WIRELESS ACCESS POINT DEVICE, #=CABLE QUANTITY. OUTLET TO BE HOUSED ABOVE ACCESSIBLE CEILING UNLESS NOTED OTHERWISE. CABLE TO LOCATION SHOWN ON THE FLOOR PLANS WITH A MINIMUM 25 FEET COILED AT THE DEVICE LOCATION. CONTRACTOR SHALL RELOCATE OUTLETS AND MOUNT DEVICE PER OWNER'S IT WIRELESS SURVEY.	ABOVE ACCESSIBLE CEILING			
TELE #	WIRELESS TELEMETRY MONITORING OUTLET, #=CABLE QUANTITY. OUTLET TO BE LOCATED ABOVE ACCESSIBLE CEILING SPACE. CABLE TO LOCATION SHOWN ON THE FLOOR PLANS AND LEAVE A MINIMUM 25 FEET COILED AT THE OUTLET LOCATION. ROUTE OTHER END TO NEAREST TELEMETRY BACKBOARD LOCATION, LEAVING A MINIMUM 15 FEET COILED UP.	ABOVE ACCESSIBLE CEILING			
-\$\rightarrow\text{RTLS}	DATA OUTLET FOR RTLS DEVICE, #=CABLE QUANTITY. OUTLET TO BE HOUSED ABOVE ACCESSIBLE CEILING UNLESS NOTED OTHERWISE. CABLE TO LOCATION SHOWN ON THE FLOOR PLANS WITH A MINIMUM 25 FEET COILED AT THE DEVICE LOCATION.	ABOVE ACCESSIBLE CEILING			

	DEEP, WITH SINGLE GANG DEVICE COVER AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.
2.	REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL DEVICES.
3.	CONTRACTOR SHALL COORDINATE EXACT MOUNTING HEIGHTS OF OUTLETS FOR TELEVISIONS, INFO. MONITORS, DIGITAL
	SIGNAGE, AND/OR OTHER WALL MOUNTED MONITORS WITH VENDOR PROVIDED MOUNTING BRACKET PRIOR TO ROUGH IN.
4.	48" AFF INDICATES TO TOP OF DEVICE;
	18" AFF INDICATES TO CENTER OF DEVICE;
	60" AFF INDICATES TO BOTTOM OF DEVICE;
	80" AFF INDICATES TO BOTTOM OF DEVICE;
	ALL OTHER MOUNTING HEIGHTS REFER TO CENTERLINE OF DEVICE.
5.	SOME DEVICES MAY HAVE SPECIAL DESCRIPTORS CALLING OUT EQUIPMENT SERVED BY OUTLET. SEE ABBREVIATIONS FOR
	ADDITIONAL REFERENCE.

ALL SYMBOLS S	SHOWN MAY NOT APPEAR ON ALL DRAWINGS. SYMBOLS ARE SHOWN SCHEMATIC AND MA	Y NOT BE TO S	SCALE.
SYMBOL	DESCRIPTION	BACK BOX	MTG. HEIGH UNO (NOTE 1
TRK/#D ▽	TRACKER MONITOR: #=CABLE QUANTITY	D	NOTE 2
INFO/#D ▽	INFORMATION MONITOR: #=CABLE QUANTITY	D	NOTE 2
MON/PM# ▽	WALL MOUNTED PHYSIOLOGICAL MONITORING TRACKER MONITOR: #=CABLE QUANTITY OF PATIENT MONITORING DATA CABLES	А	NOTE 2
MON/FM#	WALL MOUNTED FETAL MONITORING TRACKER MONITOR: #=CABLE QUANTITY OF FETAL MONITORING DATA CABLES	А	NOTE 2
	SECURITY MONITOR: ONE DATA CABLE	А	NOTE 2 & 4
TV/#D ▽	NON-CLINICAL TELEVISION (WAITING RM, BREAK RM, ETC.): TELEVISION OUTLET - ONE RG6 COAX CABLE + #=CABLE QUANTITY OF DATA CABLES	D	NOTE 2 & 3
TV/4 ▽	PATIENT ROOM TELEVISION OUTLET: ONE RG6 COAX CABLE, NURSE CALL PILLOW SPEAKER JACK, & FOUR DATA CABLES	Е	NOTE 2 &3
TVJ	TV JUNCTION BOARD. PROVIDE A MINIMUM 4' X 4' OF CLEAR WALL BACKBOARD SPACE FOR CATV EQUIPMENT AND CONNECTIONS. REFER TO CONTRACT DRAWINGS FOR EXACT LOCATION OF TVJ.	N/A	N/A

MON/FM# ▽	WALL MOUNTED FETAL MONITORING TRACKER MONITOR: #=CABLE QUANTITY OF FETAL MONITORING DATA CABLES	А	NOTE 2
	SECURITY MONITOR: ONE DATA CABLE	А	NOTE 2 &
TV/#D ▽	NON-CLINICAL TELEVISION (WAITING RM, BREAK RM, ETC.): TELEVISION OUTLET - ONE RG6 COAX CABLE + #=CABLE QUANTITY OF DATA CABLES	D	NOTE 2 &
TV/4 ▽	PATIENT ROOM TELEVISION OUTLET: ONE RG6 COAX CABLE, NURSE CALL PILLOW SPEAKER JACK, & FOUR DATA CABLES	E	NOTE 2 &
TVJ	TV JUNCTION BOARD. PROVIDE A MINIMUM 4' X 4' OF CLEAR WALL BACKBOARD SPACE FOR CATV EQUIPMENT AND CONNECTIONS. REFER TO CONTRACT DRAWINGS FOR EXACT LOCATION OF TVJ.	N/A	N/A
	TELEVISION ROUGH IN LEGEND		
SYMBOL	DESCRIPTION		
А	DOUBLE GANG BACK BOX, 2 1/2" DEEP, WITH SINGLE GANG DEVICE COVER AND 1" CONDI STUBBED ABOVE ACCESSIBLE CEILING SPACE.	UIT PATHWAY	,
A B			
	STUBBED ABOVE ACCESSIBLE CEILING SPACE. DOUBLE GANG BACK BOX, 2 1/2" DEEP, WITH DOUBLE GANG DEVICE COVER AND 1" COND	DUIT PATHWAY	Y STUBBED
В	DOUBLE GANG BACK BOX, 2 1/2" DEEP, WITH DOUBLE GANG DEVICE COVER AND 1" CONDABOVE ACCESSIBLE CEILING SPACE. TRIPLE GANG BACK BOX, 2 1/2" DEEP AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSPACE. POWER AND LOW VOLTAGE OUTLET SHALL SHARE SAME BACK BOX. CONTRACT	OUIT PATHWA' SSIBLE CEILIN FOR TO PROV	Y STUBBED IG IDE

REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL WALL MOUNTED DEVICES.

COORDINATE OUTLET LOCATION WITH TV MOUNTING BRACKET PRIOR TO ROUGH IN. REFER TO RESPONSIBILITY MATRIX FOR OWNERSHIP OF RESPONSIBILITY AT TELEVISION DEVICE OUTLET. 4. REFER TO SECURITY SHEETS FOR DEVICE LOCATION.

5. 48" AFF INDICATES TO TOP OF DEVICE: 18" AFF INDICATES TO CENTER OF DEVICE;

60" AFF INDICATES TO BOTTOM OF DEVICE;

80" AFF INDICATES TO BOTTOM OF DEVICE; ALL OTHER MOUNTING HEIGHTS REFER TO CENTERLINE OF DEVICE.

TECHNOLOGY GENERAL NOTES:

- 1. CONTRACTOR SHALL VISIT THE SITE PRIOR TO SUBMITTING THEIR PROPOSAL AND BECOME FAMILIAR WITH THE CONDITIONS UNDER WHICH THE WORK WILL BE PERFORMED, AND CORRELATE THEIR SITE OBSERVATIONS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. INCONSISTENCIES DISCOVERED SHALL BE REPORTED TO THE ARCHITECT AND ENGINEER AT ONCE, BEFORE SUBMITTAL OF BID PROPOSAL.
- 2. ALL COMMUNICATIONS PRODUCTS AND INSTALLATIONS SHALL COMPLY WITH ALL APPLICABLE STATE AND LOCAL CODES. REFER TO MANUFACTURER'S SPECIFICATIONS FOR MATERIALS AND METHODS FOR COMMUNICATIONS CONSTRUCTION.
- 3. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, PAY ALL FEES, AND COMPLY WITH ALL NATIONAL, STATE, AND MUNICIPAL LAWS, CODES, AND ORDINANCES RELATING TO BUILDING AND PUBLIC SAFETY. 4. CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, AND LABOR REQUIRED FOR A COMPLETE WORKING AND
- COORDINATED SYSTEM. 5. UNLESS OTHERWISE NOTED ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND U.L. LISTED OR LABELED. EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, AND LISTINGS OR LABELING
- REQUIREMENTS AND RESTRICTIONS. PROVIDE SUBMITTAL DATA AS DEPICTED IN THE COMMUNICATIONS SPECIFICATIONS. 6. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL OF ALL COMMUNICATIONS MATERIALS PROPOSED TO BE PROVIDED UNDER THIS CONTRACT. ANY DEVIATIONS FROM ITEMS SPECIFIED SHALL BE CLEARLY IDENTIFIED AND APPROVED.
- NO WORK IS AUTHORIZED WITHOUT SHOP DRAWINGS REVIEWED BY ENGINEER. 7. REFER TO AND COORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHTS OF ALL
- DEVICES AND EQUIPMENT. 8. REFER TO AND COORDINATE WITH DIVISION 23 AND 26 FOR THE LOCATION OF ALL ITEMS LOCATED IN THE CEILING INCLUDING, BUT NOT LIMITED TO SUPPLY-AIR DIFFUSERS, RETURN-AIR DIFFUSERS AND FIRE SPRINKLER HEADS.
- 9. ALL PENETRATIONS THROUGH FIRE RATED WALLS OR PARTITIONS SHALL BE MADE IN ACCORDANCE WITH U.L. 483 "FIRE RESISTANCE DIRECTORY". PENETRATIONS SHALL BE SLEEVED AND SEALED WITH A UL APPROVED FIRE RATED SEALANT. REFER TO ARCHITECTURAL LIFE SAFETY PLANS FOR FIRE RATED WALL LOCATIONS.
- 10. CONTRACTOR SHALL COORDINATE AND SCHEDULE ALL OUTAGES WITH OWNER'S REPRESENTATIVE. 11. CONTRACTOR SHALL WARRANTY WORK FOR ONE (1) YEAR FROM THE COMPLETION OF THE PROJECT AND PROVIDE OWNER WITH AS-BUILT DRAWINGS. 12. 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 AND/OR DEVICES OF A PARTICULAR MANUFACTURER

WHETHER INDICATED OR NOT. THE CONTRACTOR SHALL VERIFY THAT ALL MATERIALS, EQUIPMENT AND DEVICES PROPOSED

- FOR USE ON THIS PROJECT ARE WITHIN THE CONSTRAINTS OF THE ALLOCATED SPACE. 13. ALL EMPTY CONDUIT SYSTEMS SHALL CONTAIN A PULL WIRE FOR FUTURE PULLING OF CONDUCTORS. 14. DEVICES LOCATED WITHIN MECHANICAL/ELECTRICAL SPACES AND/OR CENTRAL UTILITY PLANT SHALL BE INSTALLED IN CONDUIT PATHWAYS FROM DEVICE LOCATION TO ACCESSIBLE CEILING SPACE WITHIN THE NEAREST CORRIDOR OR DIRECTLY
- TO IDF ROOM. CONDUIT PATHWAY MAY BE COMBINED INTO A JUNCTION POINT AND ROUTED THROUGH LARGER CONDUIT WHERE APPLICABLE. CONDUITS SHALL BE SIZED AT 40% FILL CAPACITY AT TIME OF INSTALLATION. 15. COMMUNICATIONS/LOW-VOLTAGE/SECURITY CABLING SHALL BE RATED FOR THE ENVIRONMENT THAT IT IS TO BE INSTALLED (CMP - PLENUM RATED SPACES, CMR - NON-PLENUM RATED SPACES, OUTDOOR RATED CABLING, ETC.) WHERE APPLICABLE.
- 16. ALL UNDER SLAB OR IN-SLAB CONDUITS SHALL BE INSTALLED IN A MANNER THAT PREVENTS WATER INFILTRATION OF THE CONDUIT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE GROUND WATER, RAIN WATER OR CONSTRUCTION WATER IS PREVENTED FROM ENTERING AND/OR REMOVED FROM THE CONDUITS PRIOR TO PLACEMENT OF COMMUNICATIONS CABLES. SEE ELECTRICAL SPECIFICATIONS, DETAILS AND PLANS FOR ADDITIONAL CONDUIT SEALING REQUIREMENTS.
- RATED FOR THE ENVIRONMENT THEY ARE TO BE INSTALLED. 18. ALL COMMUNICATIONS/LOW-VOLTAGE/SECURITY CONDUITS SIZED 2" OR LARGER SHALL HAVE A MINIMUM BEND RADIUS OF 10:1 OF THE INSIDE DIAMETER FOR ALL ELBOWS. ALL CONDUIT 2" OR SMALLER SHALL HAVE A MINIMUM BEND RADIUS OF 6:1 OF THE

17. ALL CONDUIT STUBS AND/OR EMT SLEEVES SHALL BE FITTED WITH PLASTIC PROTECTIVE BUSHINGS. BUSHINGS SHALL BE

- 19. CONDUITS 2" AND SMALLER GENERALLY DO NOT APPEAR ON DRAWINGS EXCEPT FOR SPECIFIC CONDITIONS, BUT ARE REQUIRED. REFER TO CONTRACT DOCUMENTS (INCLUDING SCHEDULES, SHEET NOTES, DETAILS AND SPECIFCATIONS) FOR
- ADDITIONAL INFORMATION. 20. 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, WHETHER INDICATED OR NOT. THE CONTRACTOR SHALL VERIFY THAT ALL MATERIALS, EQUIPMENT AND DEVICES PROPOSED FOR USE ON THIS PROJECT ARE WITHIN THE CONSTRAINTS OF THE ALLOCATED SPACE.

		_ [
BBREV	VIATIONS	on an altern
P	ACCESS CONTROL PANEL	payments
C.	ABOVE FINISHED COUNTER	
F	ABOVE FINISHED FLOOR	
I U	AUTHORITY HAVING JURISDICTION	
ΛP	OVERHEAD PAGING AMPLIFIER	make
/	AUDIO VISUAL EQUIPMENT (COORDINATE OUTLET INSTALLATION WITH AV VENDOR)	
AS/BMS	BUILDING AUTOMATION/MANAGEMENT SYSTEM (COORDINATE OUTLET INSTALLATION WITH BAS EQ. VENDOR)	
C	BELOW FINISHED CEILING	plan
/C	BABY VIEWING CAMERA DEVICE	
\ Β	CABINET	may
Cl	WALL MOUNTED "CCI" WORKSTATION (IF APPLICABLE)	-
K	WALL CLOCK	ll la
PU	COMPUTER WORKSTATION	Owner
_	CARLE TRAY	

- DISTRIBUTED ANTENNA SYSTEM DEMARC DEMARCATION ROOM ELECTRICAL METAL TUBING EQUIPMENT
- FETAL MONITORING INFANT PROTECTION SYSTEM INTERMEDIATE DISTRIBUTION FRAME (SEE TDR)
- INFORMATION MONITOR LOW VOLTAGE MAIN DISTRIBUTION FRAME (SEE TEC)
- MEDICATION DISTRIBUTION EQUIPMENT MEDS MFR MANUFACTURER MONITOR NOT APPLICABLE
- NOT TO SCALE OPERATING ROOM INTEGRATION EQUIPMENT (COORDINATE OUTLET INSTALLATION WITH OR INT. VENDOR) PACS VIEWING STATION
- PHYSIOLOGICAL/PATIENT MONITORING PROX WALL MOUNTED "PROXIMITY SYSTEMS" WORKSTATION (IF APPLICABLE) PNUEMATIC TUBE SYSTEM (COORDINATE OUTLET INSTALLATION WITH PTS VENDOR)
- REAL-TIME LOCATING SYSTEM
- EMPLOYEE TIME CLOCK
- TELECOMMUNICATIONS DISTRIBUTION ROOM (SEE IDF)
- TELECOMMUNICATIONS EQUIPMENT CENTER (SEE MDF) TELEMETRY SYSTEM
- TRACKER MONITOR UNLESS NOTED OTHERWISE
- UNLESS OTHERWISE NOTED WALL PHONE WIRELESS ACCESS POINT WEATHERPROOF WRK WALL MOUNTED WORKSTATION ON ARM

	PUBLIC A	ADDRESS LEGEND	
ALL SYMBOLS S	SHOWN MAY NOT APPEAR ON ALL DRAWINGS. SY	MBOLS ARE SHOWN SCHEMATIC AND MAY NOT BE	TO SCALE.
SYMBOL	DESC	RIPTION	MTG. HEIGHT UNO (NOTE 1)
® [™] Z	PA SPEAKER Z = ZONE NUMBER M = MOUNT	M: C = LAY IN CEILING PD = PENDANT F = CEILING FLUSH (HARD LID) W = WALL P = POLE L = LANDSCAPE	NA
H M Z	PA SPEAKER - HORN TYPE Z = ZONE NUMBER M = MOUNT	M: W = WALL P = POLE L = LANDSCAPE	NA
V _Z	PA VOLUME CONTROL - DOUBLE GANG BACKE DEVICE COVER, 3/4" CONDUIT STUBBED ABOV Z = ZONE NUMBER		48" AFF
AMP Z	PA AMPLIFIER Z = ZONE NUMBER M = MOUNT	M: W = WALL SHELF R = RACK/CABINET	NA
PAHE M Z	PA HEADEND - MIXER, AUDIO INPUTS AND CONTROLS Z = ZONE NUMBER M = MOUNT	M: W = WALL SHELF R = RACK/CABINET	NA

PUBLIC ADDRESS NOTES: COORDINATE WITH ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL WALL MOUNTED DEVICES. 48" AFF INDICATES TO TOP OF DEVICE;

18" AFF INDICATES TO CENTER OF DEVICE: 60" AFF INDICATES TO BOTTOM OF DEVICE;

80" AFF INDICATES TO BOTTOM OF DEVICE; ALL OTHER MOUNTING HEIGHTS REFER TO CENTERLINE OF DEVICE. Devenney GROU

Devenney Group Ltd., Architects

6900 East Camelback Road

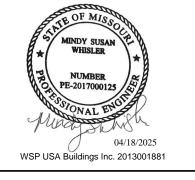
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ADMINISTRATION RELOCATION

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:

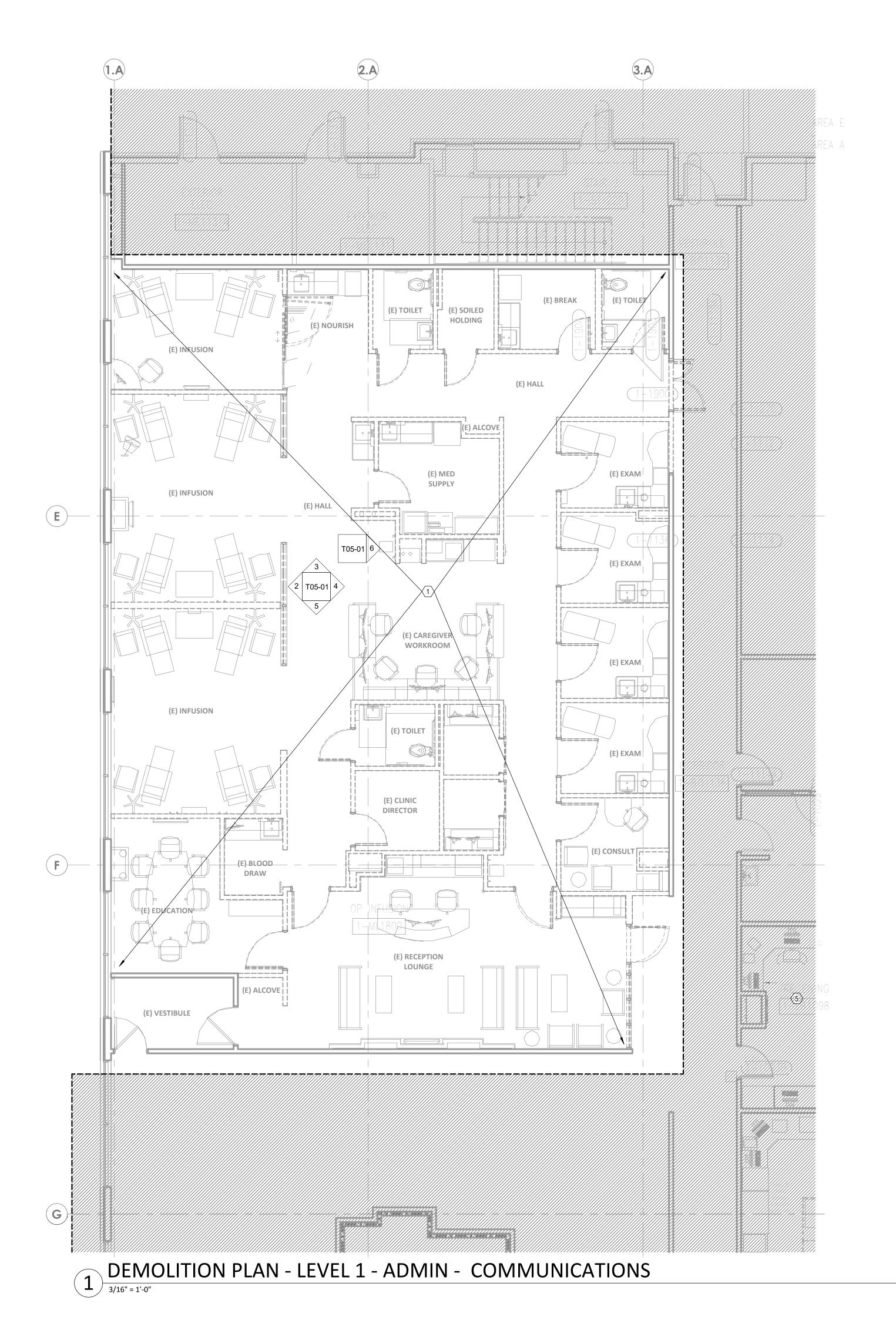
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AGENCY APPROVALS:

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GENERAL INFORMATION -TECHNOLOGY



GENERAL NOTES:

- A. ALL EXISTING DEVICES MAY NOT BE SHOWN ON PLAN. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH ARCHITECTURAL PLANS AND OTHER TRADES TO DETERMINE THE OUTCOME OF EACH DEVICE. WHERE NO CONSTRUCTION IS TO OCCUR, EXISTING DEVICES SHALL BE PROTECTED IN PLACE AND REMAIN IN OPERATION THROUGHOUT DURATION OF ALL PROJECT
- B. 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 OF WORK. C. PROVIDE FOR ANY AND ALL DEMOLITION WORK NECESSARY TO ACCOMMODATE ALL NEW

BE SUPPORTED UTILIZING J-HOOK CABLE SUPPORTS INSTALLED PER DIVISION 27 SPECIFICATIONS.

- CONSTRUCTION, INCLUDING ARCHITECTURAL, MECHANICAL, PLUMBING AND/ OR ELECTRICAL WORK. D. WHERE EXISTING WALLS ARE BEING DEMOLISHED, REMOVE ALL EXISTING COMMUNICATIONS/ LOW VOLTAGE DEVICES AND THEIR ASSOCIATED CONDUITS, BACKBOXES AND CABLING BACK TO POINT OF ORIGINATION. EXISTING CABLING PASSING THROUGH DEMO AREA, NOT BEING DEMOLISHED, SHALL
- E. CONTRACTOR SHALL COORDINATE THE REMOVAL OR RELOCATION OF ALL COMMUNICATIONS/ LOW VOLTAGE DEVICES (INCLUDING BUT NOT LIMITED TO VOICE, DATA, OVERHEAD PAGING, VIDEO SURVEILLANCE CAMERAS, PHYSIOLOGICAL MONITORING, TELEMETRY, NURSE CALL, SECURITY ACCESS CONTROL, ETC.) WITH ARCHITECTURAL DRAWINGS. F. CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF DAMAGE TO FIREPROOFING, FINISHES OR STRUCTURE CAUSED BY TELECOM, LOW-VOLTAGE, OR SECURITY CONTRACTORS. RESTORATION SHALL BE RESTORED TO "SAME CONDITION" AS BEFORE DAMAGE OCCURED. CONTRACTOR SHALL
- REPLACE DAMAGED ITEMS WITH NEW ITEMS TO MATCH EXISTING. G. WHERE AREAS BEING DEMOLISHED CONTAIN INFANT PROTECTION SYSTEM (IPS) DEVICES, CONTRACTOR SHALL DISABLE IPS EQUIPMENT AND PROVIDE INTERIM SYSTEM PROGRAMMING PRIOR TO REMOVAL TO PREVENT FALSE ALARMING AND LOCKDOWN OF DEMOLITION AREA.

OBTAIN WRITTEN ACCEPTANCE OF RESTORATION FROM OWNER. IF DEMOLITION IS REQUIRED TO INSTALL AN ITEM, THE CONTRACTOR SHALL RESTORE THE AREA TO PREVIOUS CONDITION, OR

LEGEND NOTES

1. EXISTING WALL MOUNTED AND CEILING DEVICES AND ASSOCIATED CABLING, CONDUIT AND BACKBOXES WITHIN WALL/AREA SHALL BE DEMOLISHED TO POINT OF ORIGINATION. EXISTING CABLING ROUTING THROUGH THIS AREA THAT IS NOT TO BE DEMOLISHED SHALL BE SUPPORTED BY J-HOOK STYLE SUPPORTS INSTALLED PER DIVISION 27 SPECIFICATIONS.



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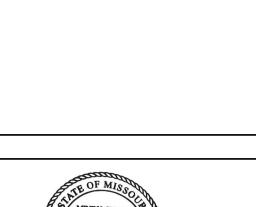
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T: 602.943.8950 www.devenneygroup.com

Scottsdale, AZ 85251

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04/18/2025

ADMINISTRATION RELOCATION

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:

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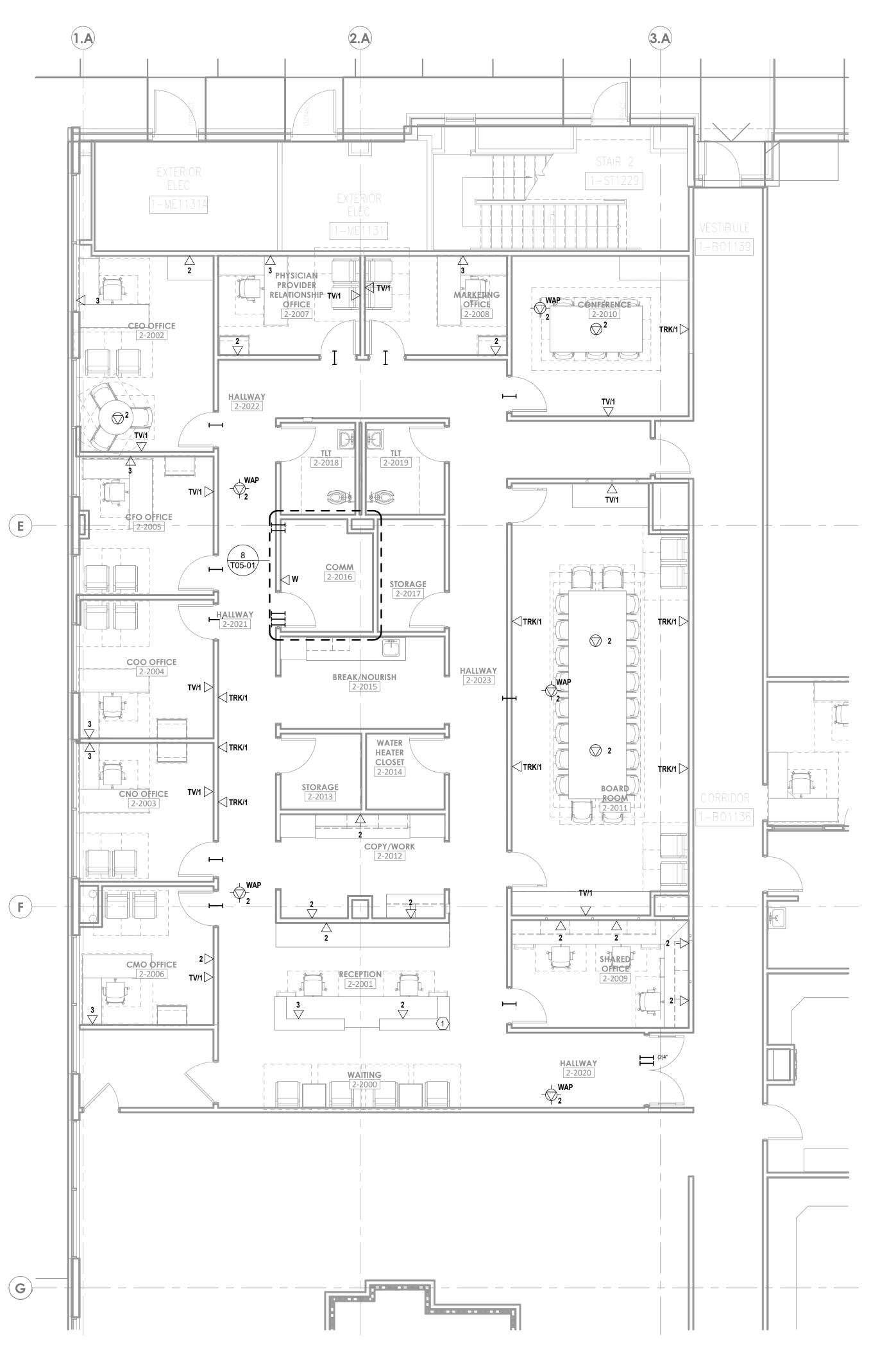
DATE

LEVEL 1 - KEYPLAN

DATE:
SCALE:
DRAWN:
REVIEWED: 04/18/2025 3/16" = 1'-0" 9 JOB NUMBER: 6406.24

| DEMOLITION PLAN - LEVEL 1 - ADMIN -COMMUNICATIONS

TD02-01



FLOOR PLAN - LEVEL 1 - ADMIN - COMMUNICATIONS

3/16" = 1'-0"

GENERAL NOTES:

- A. REFER TO AND COORDINATE WITH ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR EXACT LOCATIONS OF ALL DEVICES.
- B. REFER TO SHEET T00-00 FOR GENERAL NOTES AND SYMBOLS APPEARING ON THIS SHEET.C. ALL DEVICES WITHIN ROOMS CONTAINING HARD PAN CEILINGS SHALL HAVE CONDUITS ROUTED TO
- ABOVE ACCESSIBLE CEILING SPACE IN CORRIDOR.

 D. COMMUNICATIONS CONDUIT PATHWAYS SHALL NOT CONTAIN ANY LENGTH GREATER THAN 100 FEET BETWEEN PULL POINTS. NO SECTION OF CONDUIT SHALL CONTAIN MORE THAN TWO 90-DEGREE BENDS, OR EQUIVALENT, BETWEEN PULL POINTS. IF THERE IS REVERSE BEND IN THE SECTION, A PULL POINT SHALL BE INSTALLED. PULL BOXES SHALL NOT BE USED IN LIEU OF BENDS. THE INSIDE RADIUS OF ALL CONDUIT BENDS SHALL BE AT LEAST 10 TIMES THE INTERNAL DIAMETER. BENDS IN CONDUIT SHALL NOT CONTAIN ANY KINKS OR OTHER DISCONTINUITIES THAT MAY HAVE A DETRIMENTAL EFFECT ON THE CABLE SHEATH DURING INSTALLATION. NO DAISY CHAINING OF BACK BOXES ALLOWED UNLESS OTHERWISE NOTED.
- E. ALL CABLING SHALL BE SUPPORTED ABOVE ACCESSIBLE CEILING SPACE USING LOW-VOLTAGE SUPPORTS SIZED AT 40% FILL BASED ON CURRENT NEEDS.

LEGEND NOTES

 CONTRACTOR SHALL PROVIDE (1) 2" AND (1) 1" CONDUIT PATHWAY FROM WITHIN MILLWORK TO NEAREST ACCESSIBLE ABOVE CEILING SPACE FOR CABLING PATHWAY.



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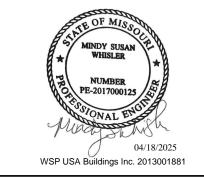
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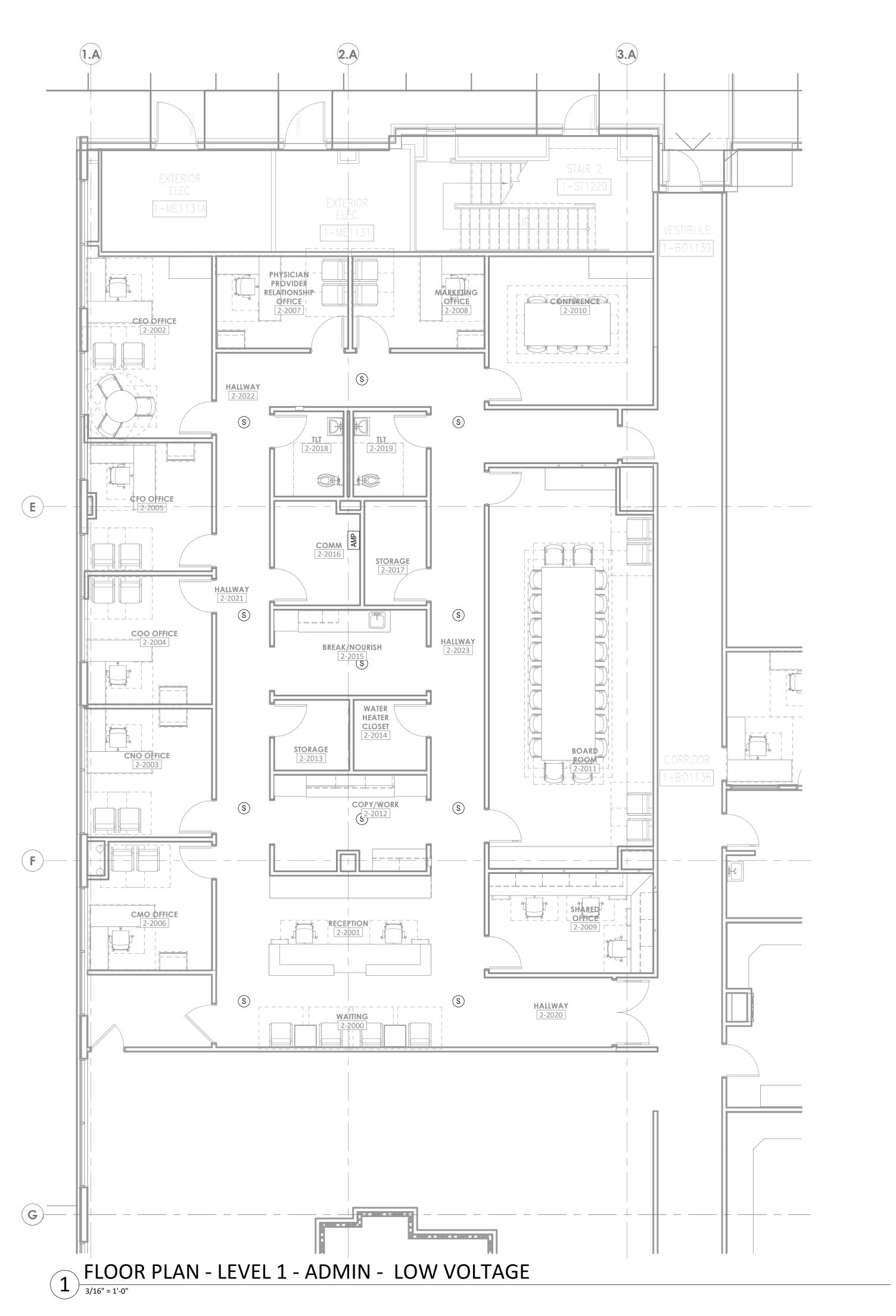
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LEVEL 1 - KEYPLAN

| Solution | Solution

FLOOR PLAN - LEVEL 1 - ADMIN - COMMUNICATIONS

T02-01



GENERAL NOTES:

- A. REFER TO AND COORDINATE WITH ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR EXACT LOCATIONS OF ALL DEVICES.
- B. REFER TO SHEET T00-00 FOR GENERAL NOTES AND SYMBOLS APPEARING ON THIS SHEET.
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- DETRIMENTAL EFFECT ON THE CABLE SHEATH DURING INSTALLATION. NO DAISY CHAINING OF BACK BOXES ALLOWED UNLESS OTHERWISE NOTED.

 E. ALL CABLING SHALL BE SUPPORTED ABOVE ACCESSIBLE CEILING SPACE USING LOW-VOLTAGE
- SUPPORTS SIZED AT 40% FILL BASED ON CURRENT NEEDS.

 F. ALL OVERHEAD PAGING SPEAKERS SHOWN SHALL BE DAISY-CHAINED USING PUBLIC ADDRESS CALL CABLE TYPE "S".

PULL POINT SHALL BE INSTALLED. PULL BOXES SHALL NOT BE USED IN LIEU OF BENDS. THE INSIDE RADIUS OF ALL CONDUIT BENDS SHALL BE AT LEAST 10 TIMES THE INTERNAL DIAMETER. BENDS IN CONDUIT SHALL NOT CONTAIN ANY KINKS OR OTHER DISCONTINUITIES THAT MAY HAVE A

- G. CONTRACTOR SHALL SIZE PAGING AMPLIFIER TO PROVIDE A 40% GROWTH RATE AT TIME OF INSTALLATION. OVERHEAD PAGING EQUIPMENT WILL BE HOUSED IN ONE IDF ROOM PER FLOOR AS
- NOTED PER ENLARGED FLOOR PLANS.

 H. CONTRACTOR SHALL LABEL BOTH ENDS OF NURSE CALL CABLE TO CLEARLY IDENTIFY WHAT

 ROOM/SPACE & DEVICE FACH CABLE IS ASSOCIATED WITH
- ROOM/SPACE & DEVICE EACH CABLE IS ASSOCIATED WITH.

 I. CONTRACTOR SHALL LEAVE A MINIMUM OF 18 INCHES OF SLACK AT ALL WALL MOUNTED NURSE CALL

 DEVICES AS SEET AT ALL CELLING MOUNTED NURSES CALL

 DEVICES AS SEET AT ALL CELLING MOUNTED NURSES CALL

 DEVICES AS SEET AT ALL CELLING MOUNTED NURSES CALL

 DEVICES AND 25 SEET OF SLACK AT TELLING MOUNTED NURSES CALL

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 DEVICES AND 25 SEET OF SLACK AT TELLING
- DEVICES, 15 FEET AT ALL CEILING MOUNTED NURSE CALL DEVICES, AND 25 FEET OF SLACK AT TE NURSE CALL HEADEND PANEL/NETWORK SWITCH LOCATION.



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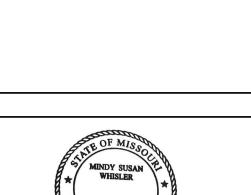
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T: 602.943.8950

Scottsdale, AZ 85251

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Consultant:



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04/18/2025

ADMINISTRATION RELOCATION

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:

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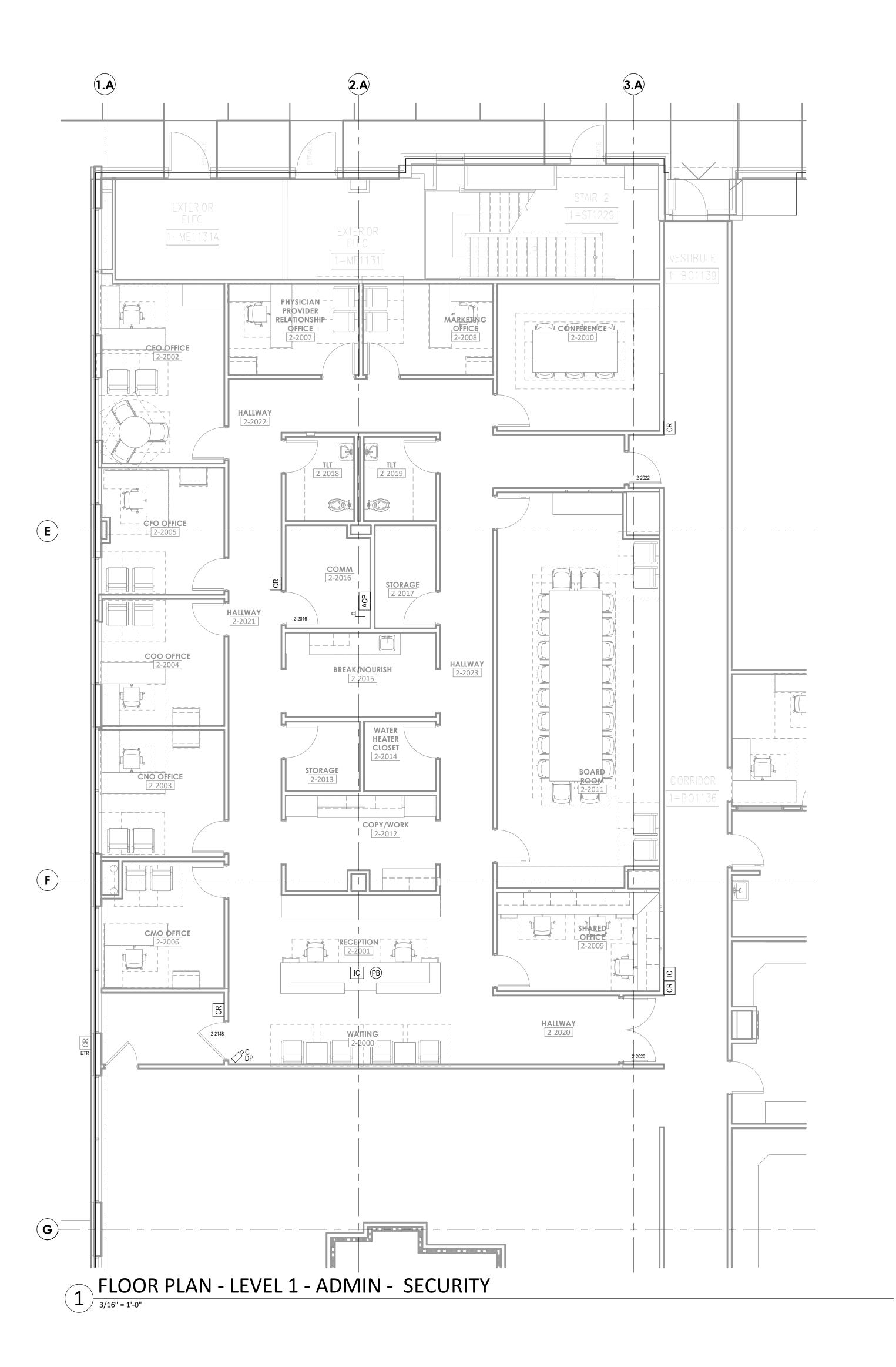
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LEVEL 1 - KEYPLAN

DATE: 04/18/2025
SCALE: 3/16" = 1'-0"
DRAWN: FT
REVIEWED: MC
JOB NUMBER: 6406.24

FLOOR PLAN - LEVEL 1 - ADMIN - LOW VOLTAGE

T03-01



GENERAL NOTES

- A. REFER TO SHEET T00-00 FOR SYMBOLS AND ADDITIONAL GENERAL NOTES PERTAINING TO THIS SHEET.
- B. REFER TO AND COORDINATE WITH ARCHITECTURAL PLANS, ELEVATIONS, AND DETAILS FOR EXACT LOCATIONS OF ALL WALL MOUNTED DEVICES.
- C. ALL DEVICES WITHIN AREAS OF HARD PAN CEILINGS SHALL BE PIPED TO ABOVE ACCESSIBLE CEILING SPACE IN CORRIDOR.
- D. ALL LOW VOLTAGE CABLES SHALL BE INSTALLED IN LOW VOLTAGE CABLING SUPPORT E. COMMUNICATIONS CONDUIT PATHWAYS SHALL NOT CONTAIN ANY LENGTH GREATER
- THAT 100 FEET BETWEEN PULL POINTS. NO SECTION OF CONDUIT SHALL CONTAIN MORE THAN TWO 90 DEGREE BENDS, OR EQUIVALENT, BETWEEN PULL POINTS. F. WIRING TO DEVICES SHALL MEET OR EXCEED MANUFACTURER SPECIFICATIONS. G. DOOR HARDWARE PROVIDED AND/ OR INSTALLED BY DIVISION 08 IS SHOWN FOR COORDINATION PURPOSES ONLY. EXACT LOCATION AND INSTALLATION METHODS FOR
- THESE DEVICES SHALL BE BY DIVISION 08. H. SECURITY/ ACCESS CONTROL, DOOR HARDWARE, AND ELECTRICAL CONTRACTORS SHALL COORDINATE FOR INFRASTRUCTURE, INSTALLATION, AND OPERATIONAL VERIFICATION OF ACCESS CONTROLLED DOOR SYSTEMS PRIOR TO ROUGH-IN. I. NOT ALL DOOR DEVICES MAY BE SHOWN ON THIS SHEET. REFER TO DIVISION 08 DOOR HARDWARE SPECIFICATION FOR HARDWARE LISTING.
- J. SEPARATE POWER SUPPLIES MAY BE REQUIRED. REFER TO DIVISION 08 DOOR HARDWARE SPECIFICATION AND MANUFACTURER REQUIREMENTS. DIVISION 26
- CONTRACTOR SHALL PROVIDE POWER CIRCUIT AS REQUIRED. K. ALL DOORS HAVING A CARD READER SHALL BE PROVIDED WITH DOOR CONTACT(S) AND A REQUEST-TO-EXIT SIGNALING DEVICE FOR DOOR STATUS/ DOOR FORCED NOTIFICATION CAPABILITY. L. DOOR STATUS SWITCH LOCATION MAY REQUIRE ADJUSTMENT DUE TO DOOR HARDWARE INTERFERENCE. DOOR STATUS SWITCH SHALL BE INSTALLED AS CLOSE TO
- DOOR STRIKE SIDE OF FRAME AS POSSIBLE. M. SECURITY AND DOOR HARDWARE CONTRACTORS SHALL PROVIDE PROPER DELAY/ SYNCHRONIZATION BETWEEN LOCKS, LATCHES, MAGNETIC LOCKS, AND AUTO
- OPERATORS AS PER DOOR HARDWARE SPECIFICATIONS OPERATIONAL NOTES. N. ACCESS CONTROL JUNCTION BOX SHALL BE INSTALLED ON SECURE SIDE OF DOOR, IN
- AN ACCESSIBLE LOCATION. BOX SHALL BE MINIMUM 4X4 DEEP BOX WITH BLANK COVER PLATE. PROVIDE 1" MT PATHWAY FROM BOX TO SECURE SIDE OF WALL. O. FIRE DROP RELAY SHALL BE PROVIDED BY FIRE ALARM CONTRACTOR FOR DOOR
- HARDWARE AND POWER SUPPLIES REQUIRING A FIRE ALARM INTERFACE. P. CEILING MOUNTED VIDEO SURVEILLANCE CAMERAS SHALL BE PROVIDED WITH A 15'
- CABLE SERVICE LOOP ABOVE CEILING AT CAMERA END. Q. VIDEO SURVEILLANCE CAMERA SHOWN IN COMM ROOM FOR COORDINATION PURPOSES ONLY. CAMERA SHALL PATCH DIRECTLY INTO NETWORK SWITCH LOCATED WITHIN THIS ROOM. ADDITIONAL CABLING AND TERMINATION IS NOT REQUIRED.



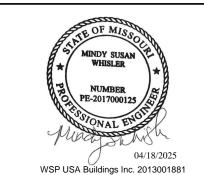
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COMPENSATION TO DEVENNEY GROUP LTD.

ADMINISTRATION RELOCATION

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

FACILITY NUMBER: 0972400009

REV#

AGENCY APPROVALS:

REVISIONS

DESCRIPTION

DATE

LEVEL 1 - KEYPLAN

DATE:
SCALE:
DRAWN:
REVIEWED: As indicated 9 JOB NUMBER: 6406.24

FLOOR PLAN - LEVEL 1 -ទ្ឋី ADMIN - SECURITY

TO4-01

EXECUTE SET !

- 1. PROVIDE ¾" A/C GRADE FIRE RETARDANT PLYWOOD WITH TWO COATS OF PAINT (MATCH WALL COLOR) FROM FINISHED FLOOR TO 8' AFF ON THIS ENTIRE WALL AS SHOWN. MANUFACTURER FIRE RATING STAMP SHALL BE LEFT UNCOVERED ON "A" SIDE FOR INSPECTION ON EACH SHEET OF PLYWOOD WITHIN IDF/COMM ROOM.
- 2. ELECTRICAL OUTLET ON NORMAL POWER FOR CONVENIENCE RECEPTACLE. OUTLET SHOWN FOR COORDINATION PURPOSES ONLY. OUTLET SHALL BE MOUNTED 18" AFF. 3. LOCATION OF TELECOMMUNICATIONS GROUNDING BUS BAR (TGB). ELECTRICAL CONTRACTOR SHALL PROVIDE A TELECOMMUNICATIONS GROUND BACKBONE FROM BUILDING GROUND. ALL BONDING WITHIN THIS ROOM SHALL BE DEDICATED HOME-RUN CONNECTIONS FROM INDIVIDUAL EQUIPMENT/ HARDWARE TO THE TGB. NO DAISY-CHAINING OF GROUND SHALL BE PERMITTED OTHER THAN
- BASKET TRAY. BUS BAR SHALL BE MOUNTED AT 78" AFF. 4. LOCATION OF OVERHEAD PAGING AMPLIFIER SYSTEM EQUIPMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE DUPLEX POWER OUTLET ON EMERGENCY POWER MOUNTED AT 72" AFF. 5. LOCATION OF CATV TELEVISION JUNCTION EQUIPMENT. CONTRACTOR SHALL ACCOUNT FOR APPROXIMATELY 4'X4' OF WALL SPACE FOR CABLE TERMINATIONS AND EQUIPMENT TO BE PLACED IN THIS LOCATION BY TELEVISION SYSTEM VENDOR. ELECTRICAL CONTRACTOR SHALL PROVIDE (2) DUPLEX POWER OUTLETS, ON NORMAL POWER, MOUNTED AT 36" AFF AT THIS LOCATION. COORDINATE WITH TELEVISION SYSTEM VENDOR FOR ADDITIONAL REQUIREMENTS WITHIN THIS
- 6. LOCATION OF SECURITY ACCESS CONTROL PANEL(S). ELECTRICAL CONTRACTOR SHALL PROVIDE A MINIMUM OF (1) DUPLEX RECEPTACLE, ON EMERGENCY POWER, FOR EACH PANEL. COORDINATE EXACT PLACEMENT OF RECEPTACLES WITH THE DIVISION 28 ACCESS CONTROL INSTALLATION
- CONTRACTOR PRIOR TO ROUGH IN. DIVISION 27 CONTRACTOR SHALL COORDINATE NETWORK CONNECTION REQUIREMENTS WITH THE ACCES CONTROL INSTALLATION CONTRACTOR. 7. AREA DESIGNATED FOR OFOI DISTRIBUTED ANTENNA SYSTEM (DAS) EQUIPMENT. ELECTRICAL CONTRACTOR SHALL PROVIDE DUPLEX POWER OUTLET ON EMERGENCY POWER MOUNTED AT 18"
- 8. LIGHT SWITCH SHOWN FOR COORDINATION PURPOSES ONLY.
- 9. FIRE ALARM STROBE SHOWN FOR COORDINATION PURPOSES ONLY. 10. THERMOSTAT DEVICE SHOWN FOR COORDINATION PURPOSES ONLY. DEVICE SHALL BE MOUNTED ON
- "COLD" SIDE OF EQUIPMENT CABINET/RACKS AS SHOWN. 11. PROVIDE 18"X 2" WIRE MESH BASKET TRAY AS SHOWN. MOUNT BASKET TRAY AT 7' 6" ABOVE FINISHED FLOOR AND CONNECT BASKET TRAY TO EQUIPMENT RACKS UTILIZING MANUFACTURER'S ELEVATION KITS. CONTRACTOR SHALL UTILIZE MANUFACTURER'S "WATERFALL" DEVICES FOR TRANSITIONING OF
- CABLES FROM BASKET TRAY TO WITHIN VERTICAL WIRE MANAGERS. 12. ELECTRICAL OUTLETS, ON EMERGENCY POWER, MOUNTED TO SIDE OF BASKET TRAY. CENTER OUTLETS OVER VERTICAL WIRE MANAGEMENT BETWEEN EQUIPMENT RACKS AS SHOWN.
- 13. CONTRACTOR SHALL PROVIDE 4" PRE-MANUFACTURED FIRE SLEEVE DEVICES THROUGH RATED WALL FOR CABLING PATHWAY.

GENERAL NOTES:

- A. ALL METAL SURFACES WITHIN IDF ROOMS SHALL BE BONDED TO GROUND BUS BAR AS PER J-STD-607
- B. ELECTRICAL, FIRE, SAFETY AND MECHANICAL DEVICES ARE SHOWN FOR LOCATING PURPOSES ONLY. REFER TO ELECTRICAL AND MECHANICAL SHEETS FOR ADDITIONAL DETAILS. C. NO SPRINKLER HEADS OR PIPING SHALL BE INSTALLED DIRECTLY ABOVE ANY ELECTRONIC EQUIPMENT RACKS IN THE IDF/COMM ROOMS. CAGES SHALL BE INSTALLED ON SPRINKLER HEADS TO
- PREVENT ACCIDENTAL DISCHARGE. NO MAIN SPRINKLER PIPING SHALL ENTER THE IDF/COMM SPACE. ONLY BRANCHES OF THE PIPING SYSTEM SPECIFICALLY SERVICING THE IDF ROOMS SHALL BE PERMITTED TO PENETRATE IDF/COMM ROOMS.
- D. PENETRATION INTO CORRIDORS SHALL BE POSITIONED 6" ABOVE THE ASSOCIATED CORRIDOR CABLE
- E. SYSTEMS THAT ARE NOT DIRECTLY RELATED TO THE SUPPORTING IDF/COMM ROOMS ARE NOT PERMITTED TO PASS THROUGH IDF/COMM ROOMS.
- F. AIR TEMPERATURE WITHIN ROOM SHALL BE MAINTAINED BETWEEN 65 AND 76 DEGREES FAHRENHEIT,
- MEASURED AT THE THERMOSTAT LOCATION.
- G. HUMIDITY MUST REMAIN WITHIN RANGE OF 50% TO 60%. H. SYSTEM VENDOR SHALL COORDINATE EXACT LOCATION OF EQUIPMENT WITHIN IDF/COMM ROOMS WITH OWNER'S REPRESENTATIVE(S) PRIOR TO INSTALLATION. NO WORK SHALL PROCEED PRIOR TO
- OWNER APPROVAL. I. DATA DEVICE SCHEDULE SHOWN FOR OWNER USE ONLY. CONTRACTOR SHALL PERFORM THEIR OWN CALCULATIONS FOR BID.



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Devenney Group Ltd., Architects

6900 East Camelback Road

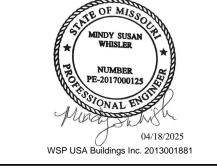
www.devenneygroup.com

Scottsdale, AZ 85251

T: 602.943.8950

Suite 500

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ADMINISTRATION RELOCATION

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

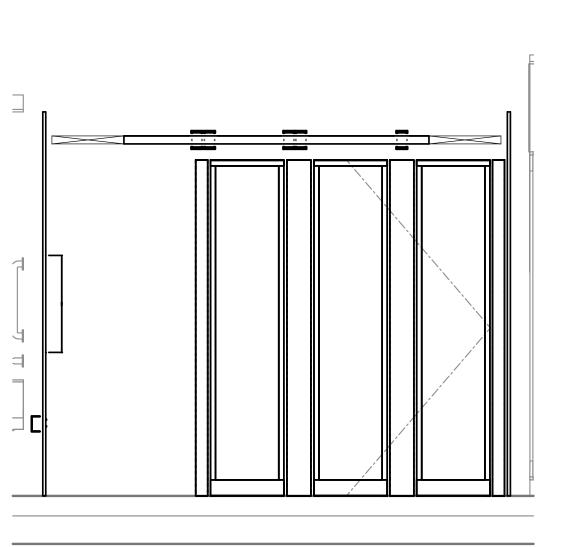
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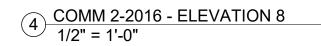
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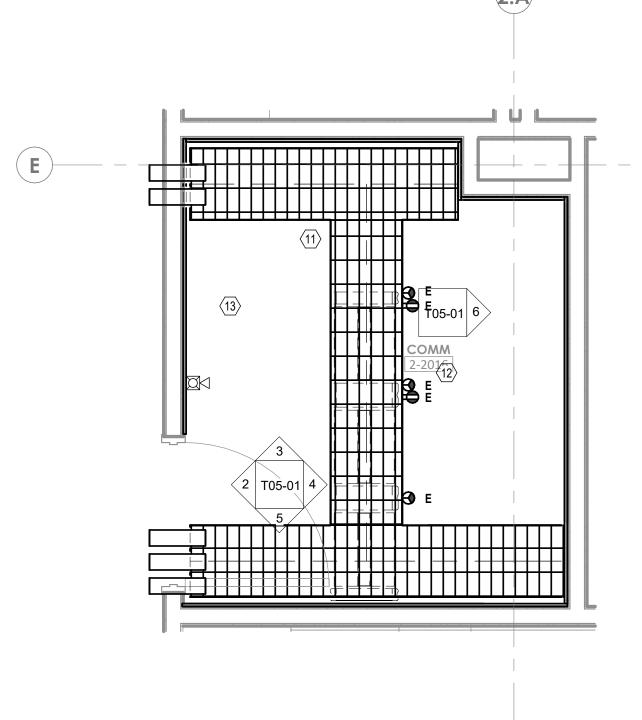
REVIEWED: 04/18/2025 1/2" = 1'-0" 9 JOB NUMBER: 6406.24

ENLARGED PLAN -TECHNOLOGY

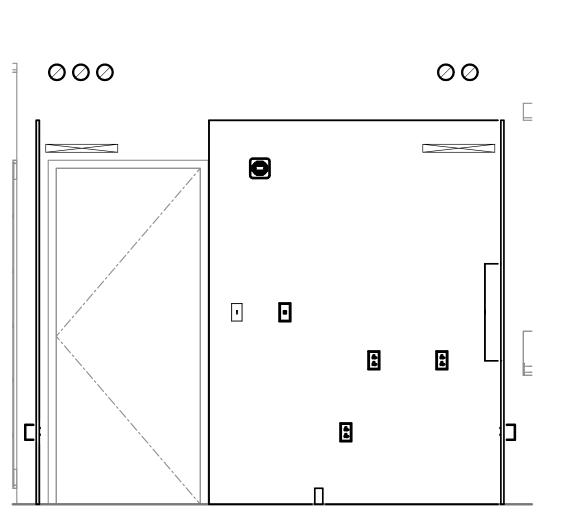
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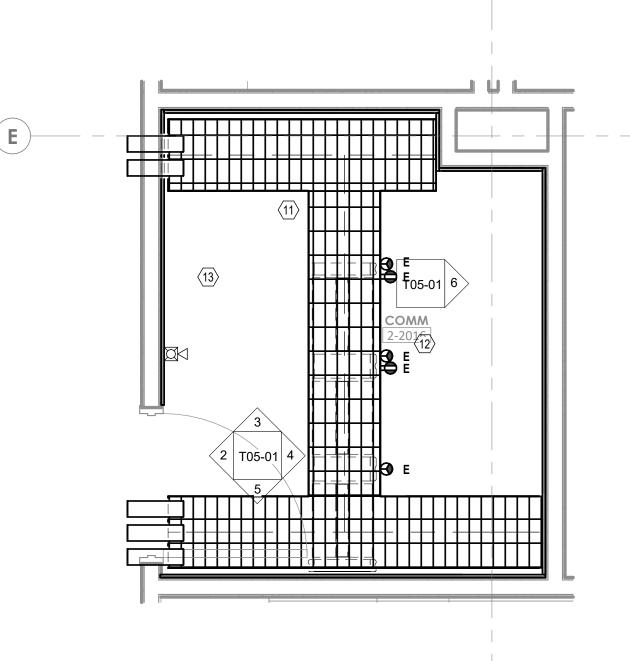






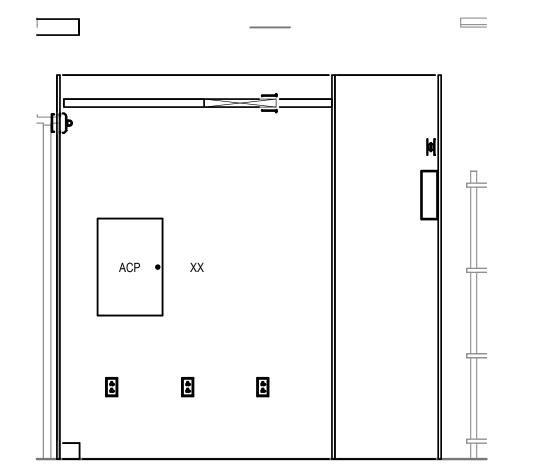












3 COMM 2-2016 - ELEVATION 7 1/2" = 1'-0"

6 COMM 2-2016 - ELEVATION 10 1/2" = 1'-0"

2 COMM 2-2016 - ELEVATION 6 1/2" = 1'-0"

5 COMM 2-2016 - ELEVATION 9 1/2" = 1'-0"

8 ENLARGED - COMM 2-2016 1/2" = 1'-0"

(1) 6 STRAND SINGLEMODE FIBER FOR CATV
(1) 48 STRAND SINGLEMODE FIBER FOR HOSP. NETWORK
(1) 100 PAIR CAT 3 COPPER FOR ANALOG VOICE

NEW IDF 2-2016

EXISTING MDF

1 TECHNOLOGY SYSTEMS BACKBONE RISER NTS

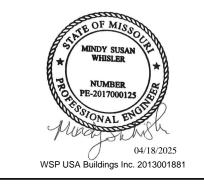
Devenney GROUP

Devenney Group Ltd., Architects
6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com





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MISSOURI DHSS

FACILITY NUMBER: **0972400009**

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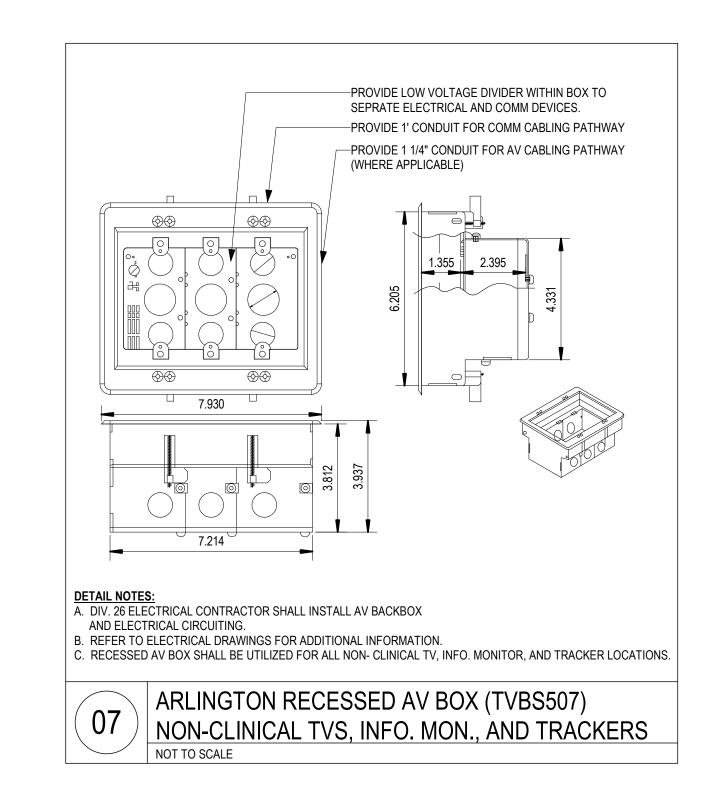
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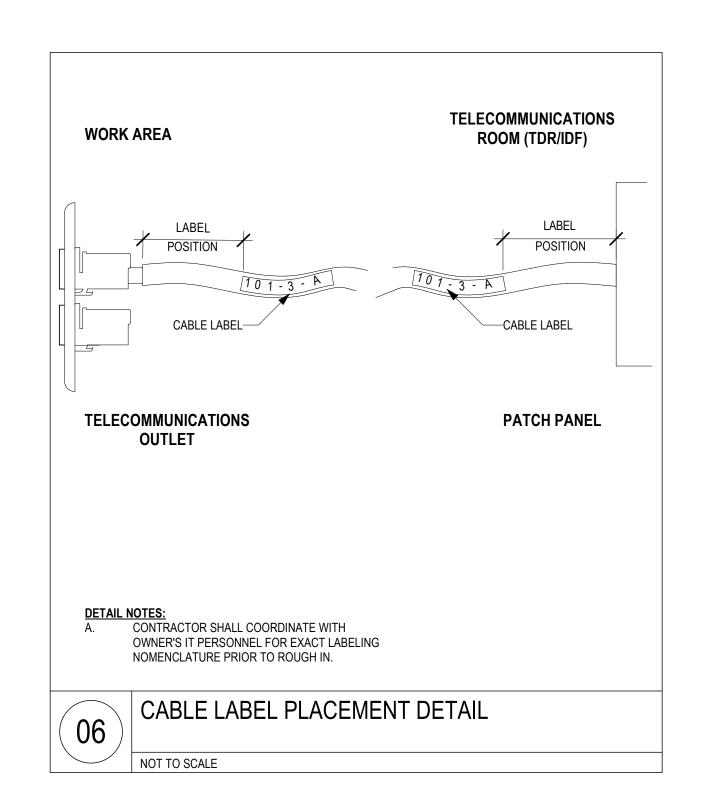
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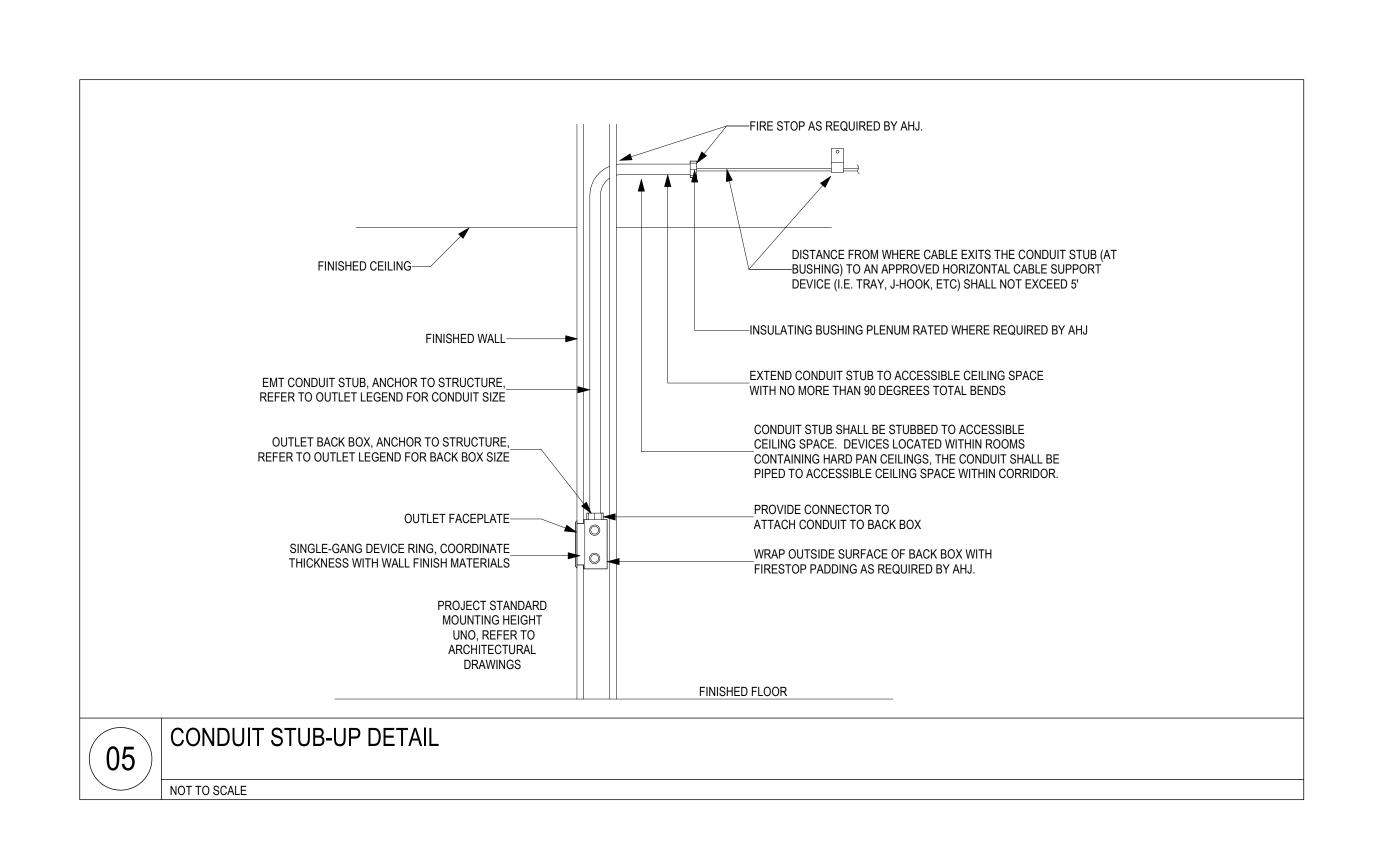
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SCALE: NTS
DRAWN: FT
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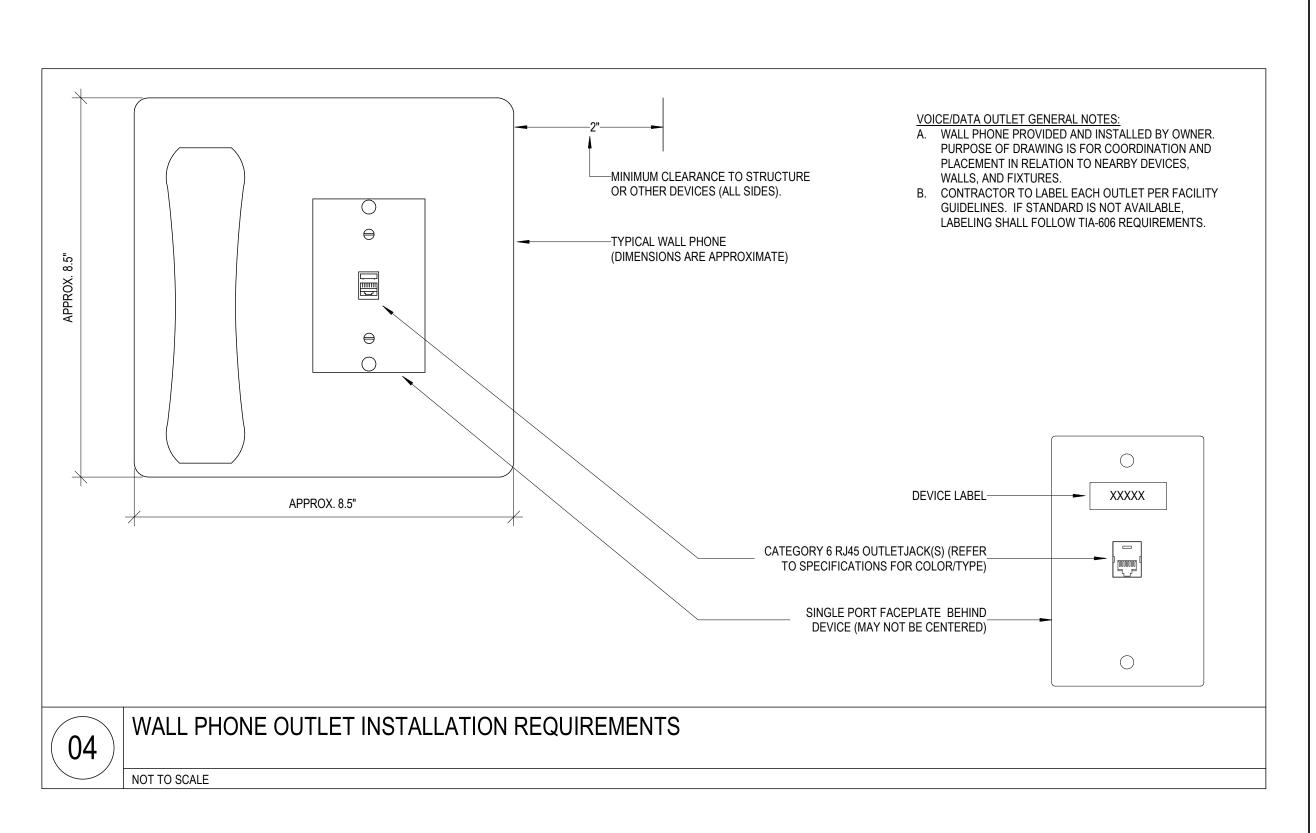
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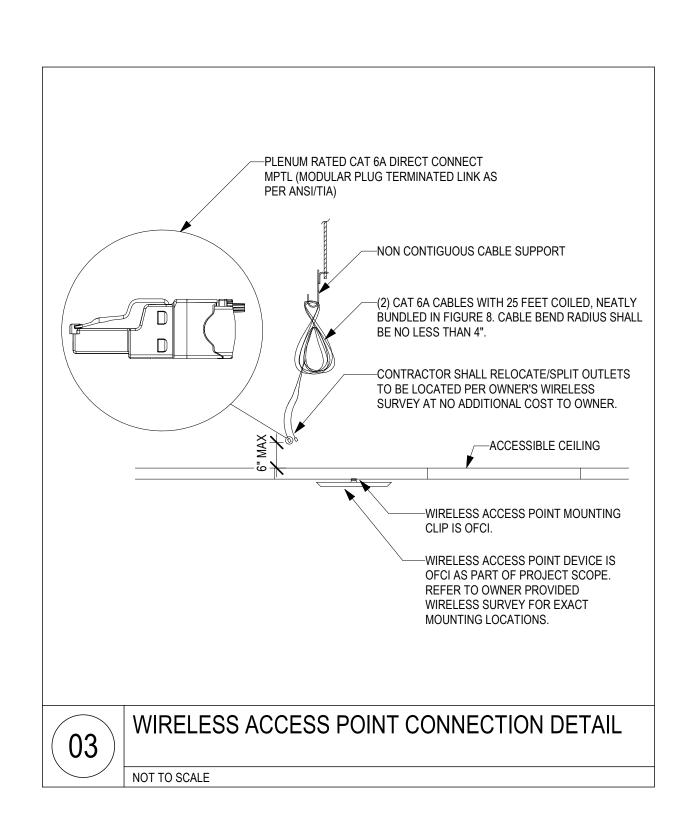
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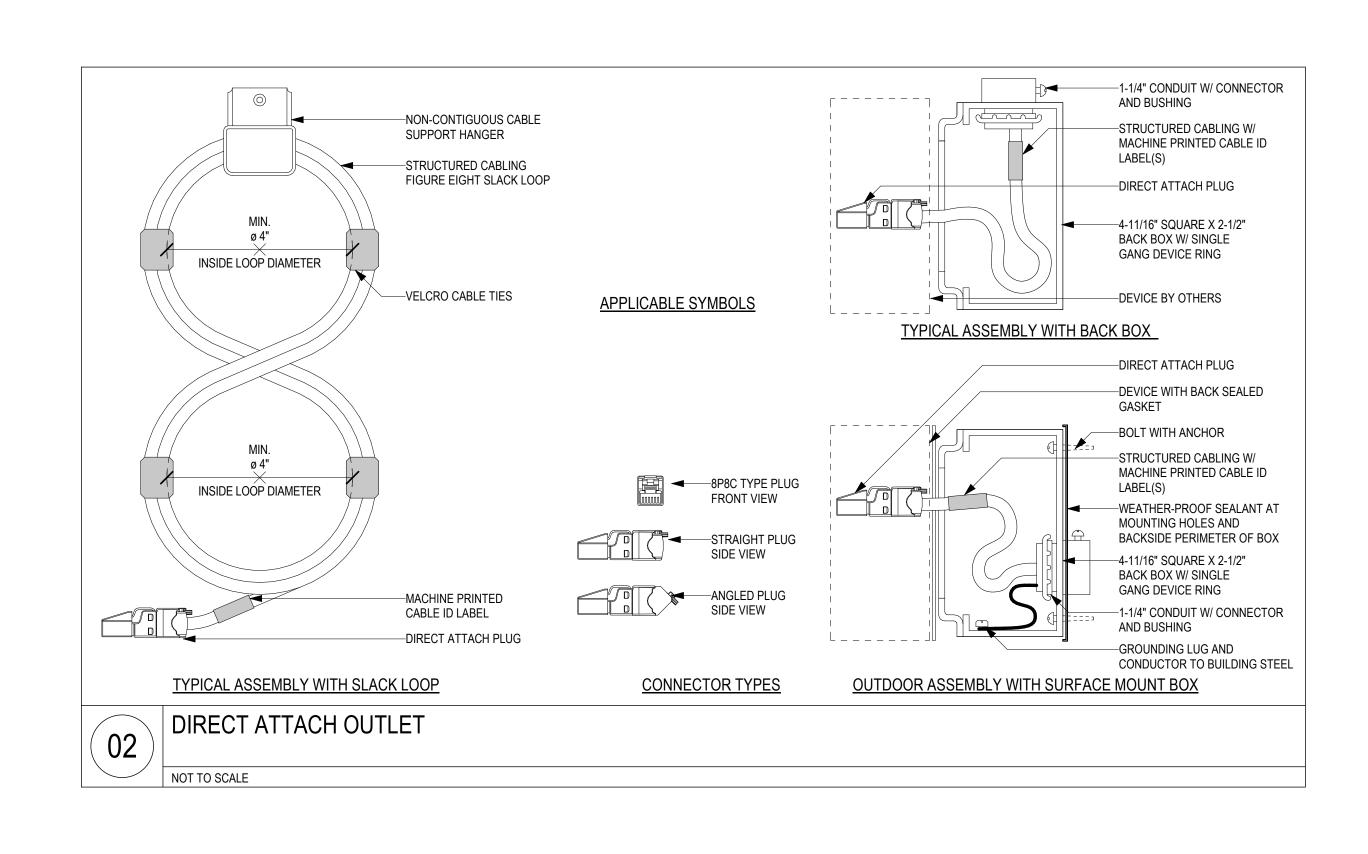


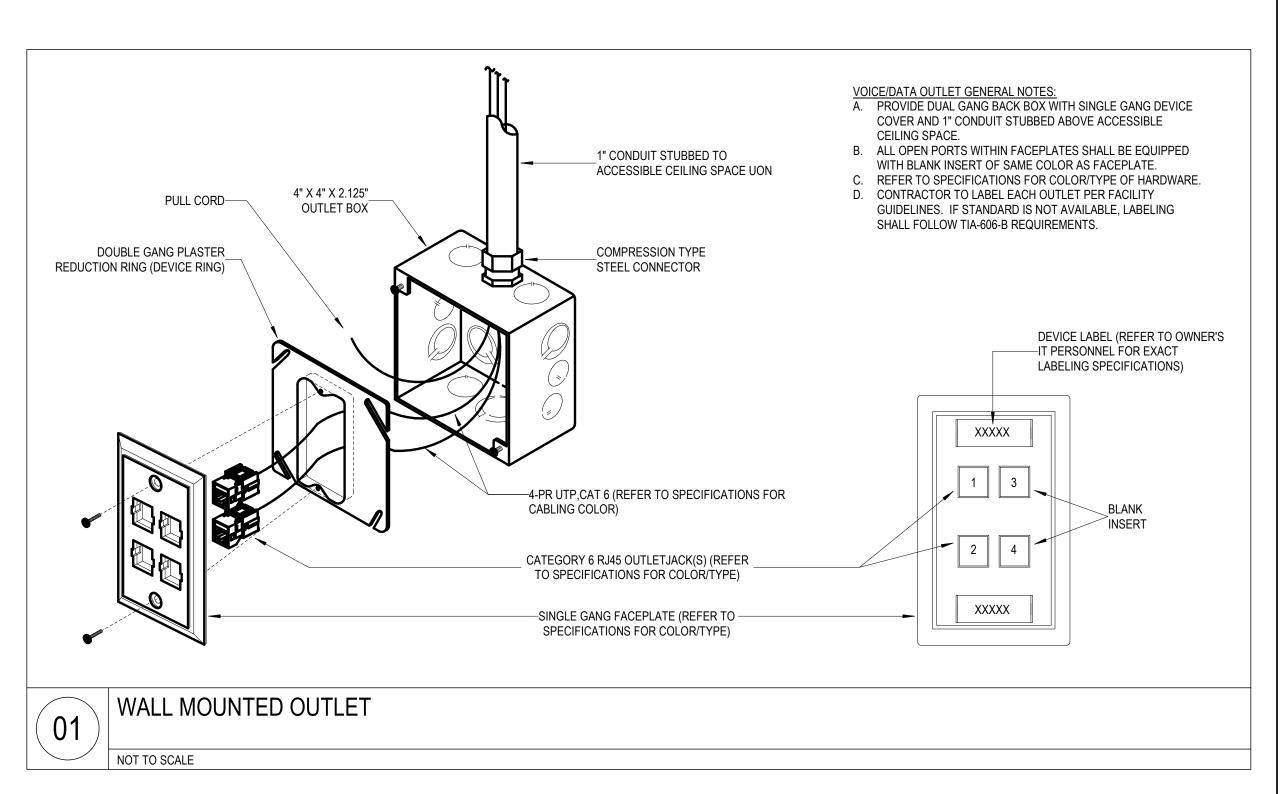


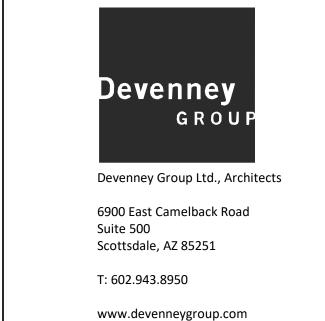


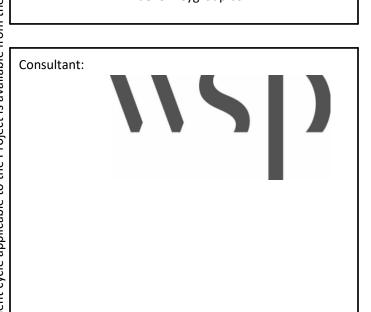


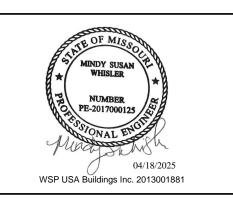












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MISSOURI DHSS

FACILITY NUMBER:
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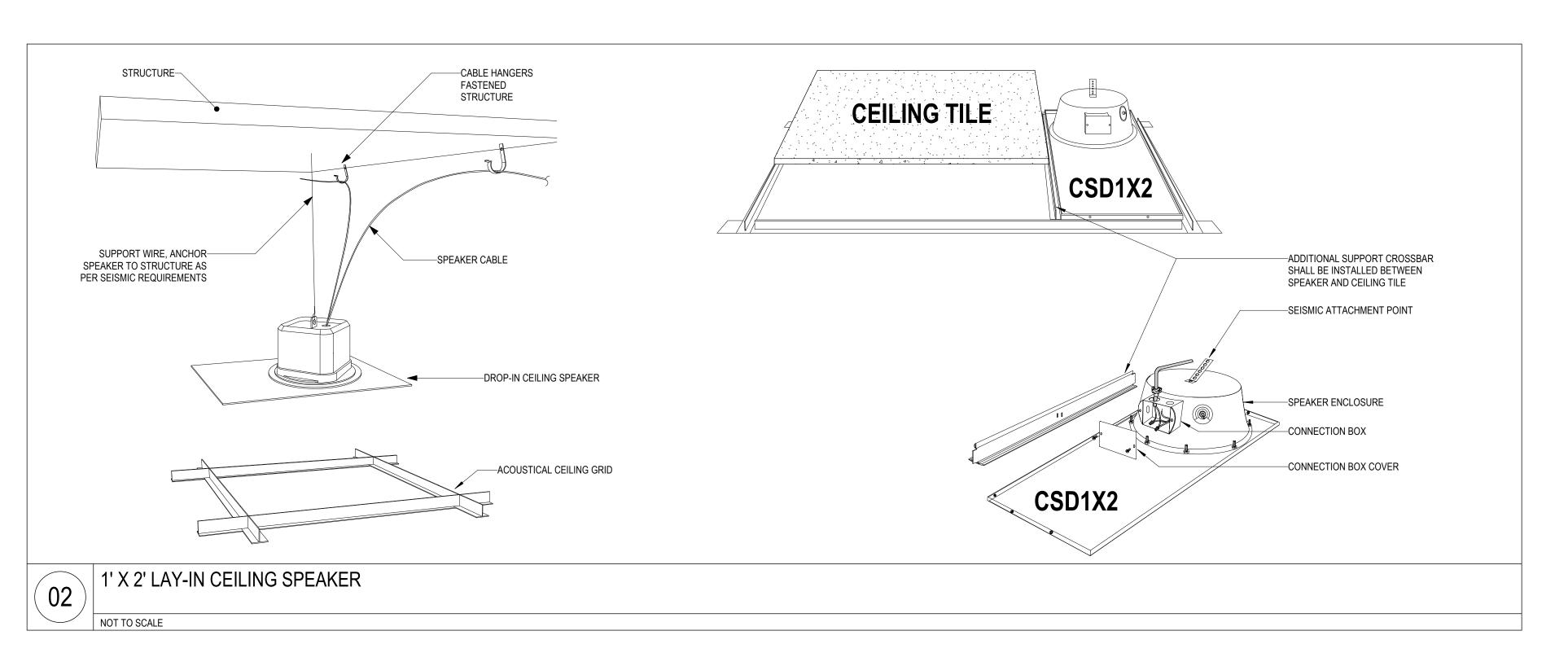
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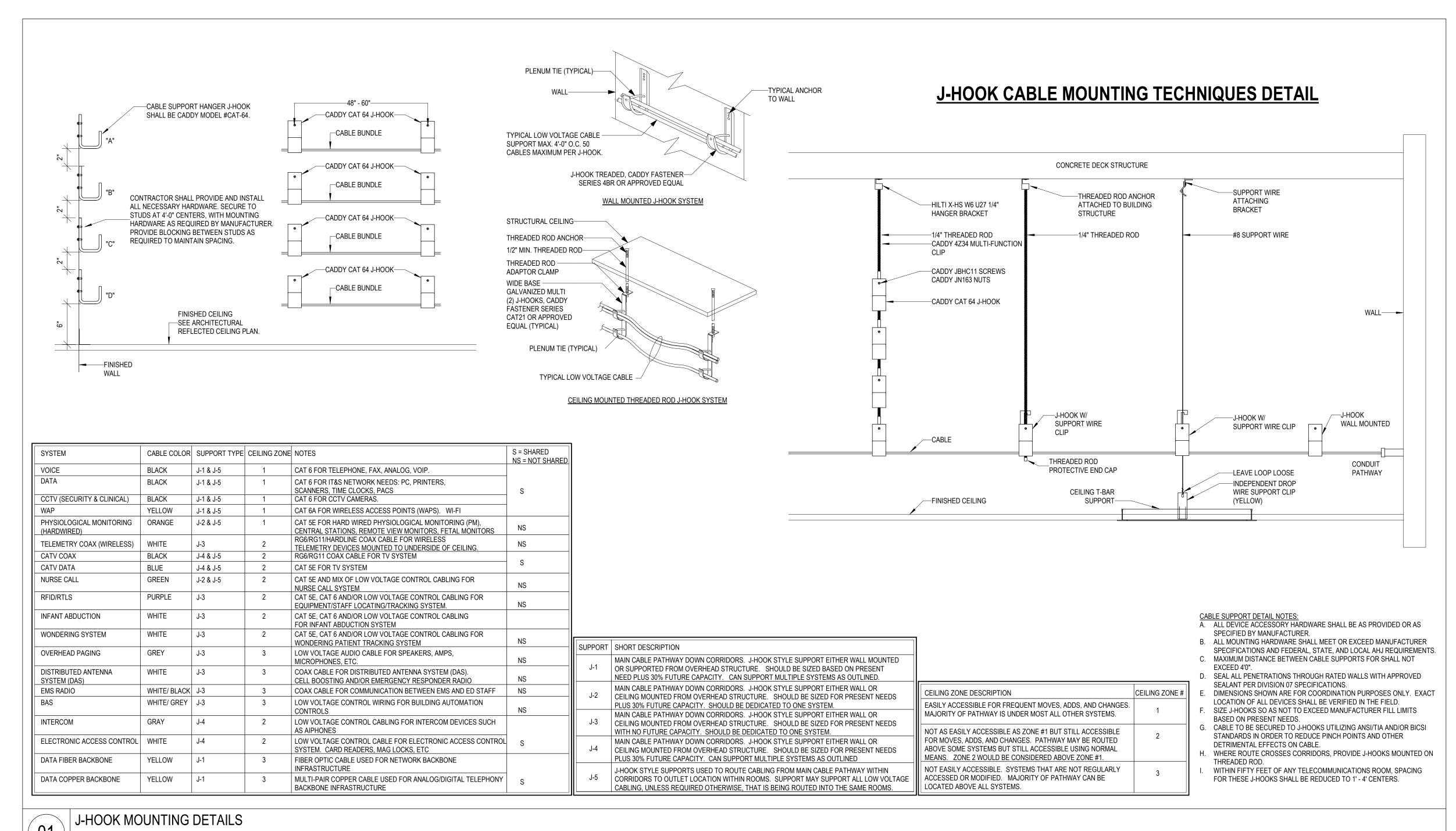
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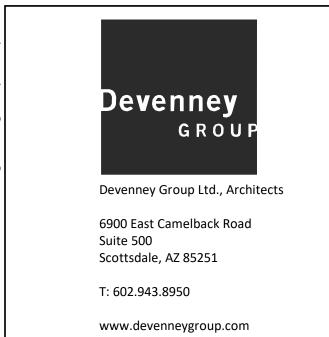
DETAILS - TECHNOLOGY

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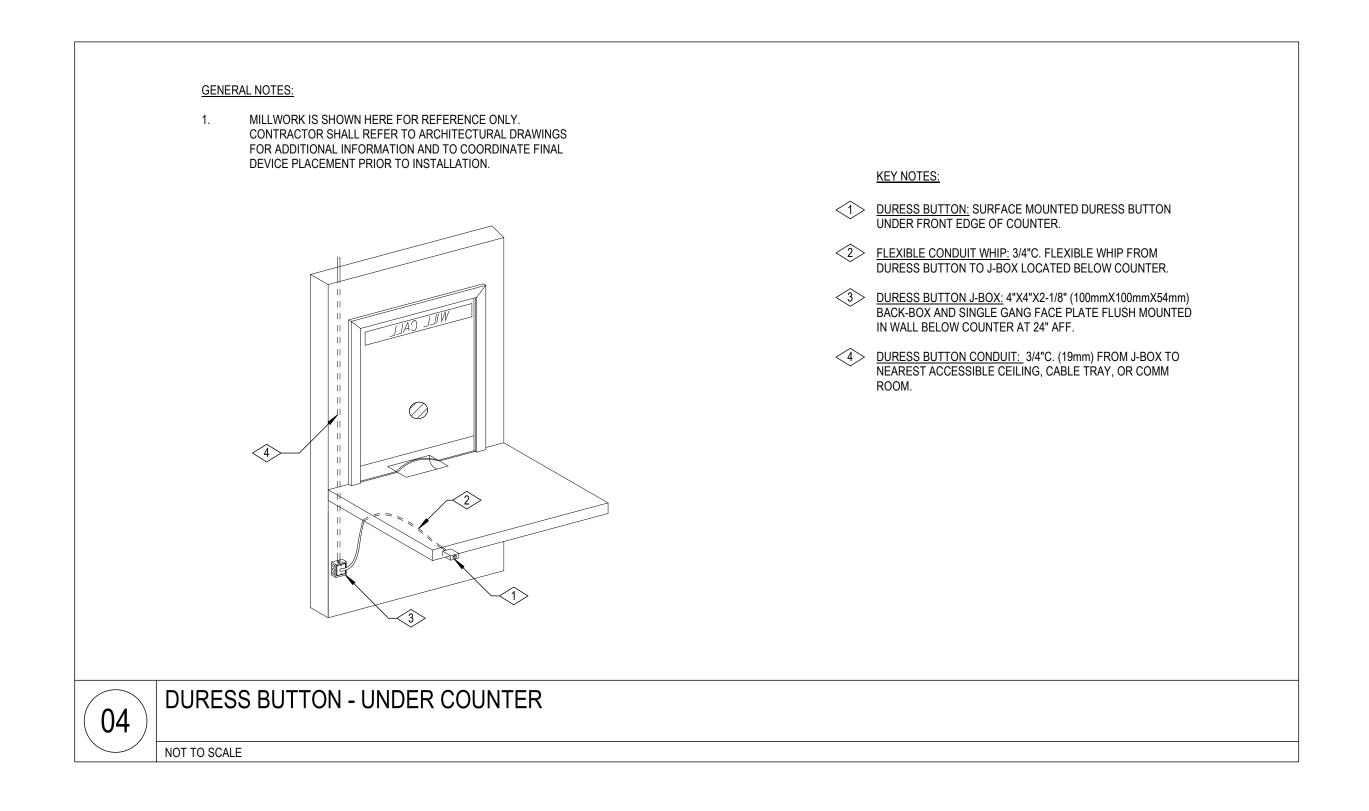
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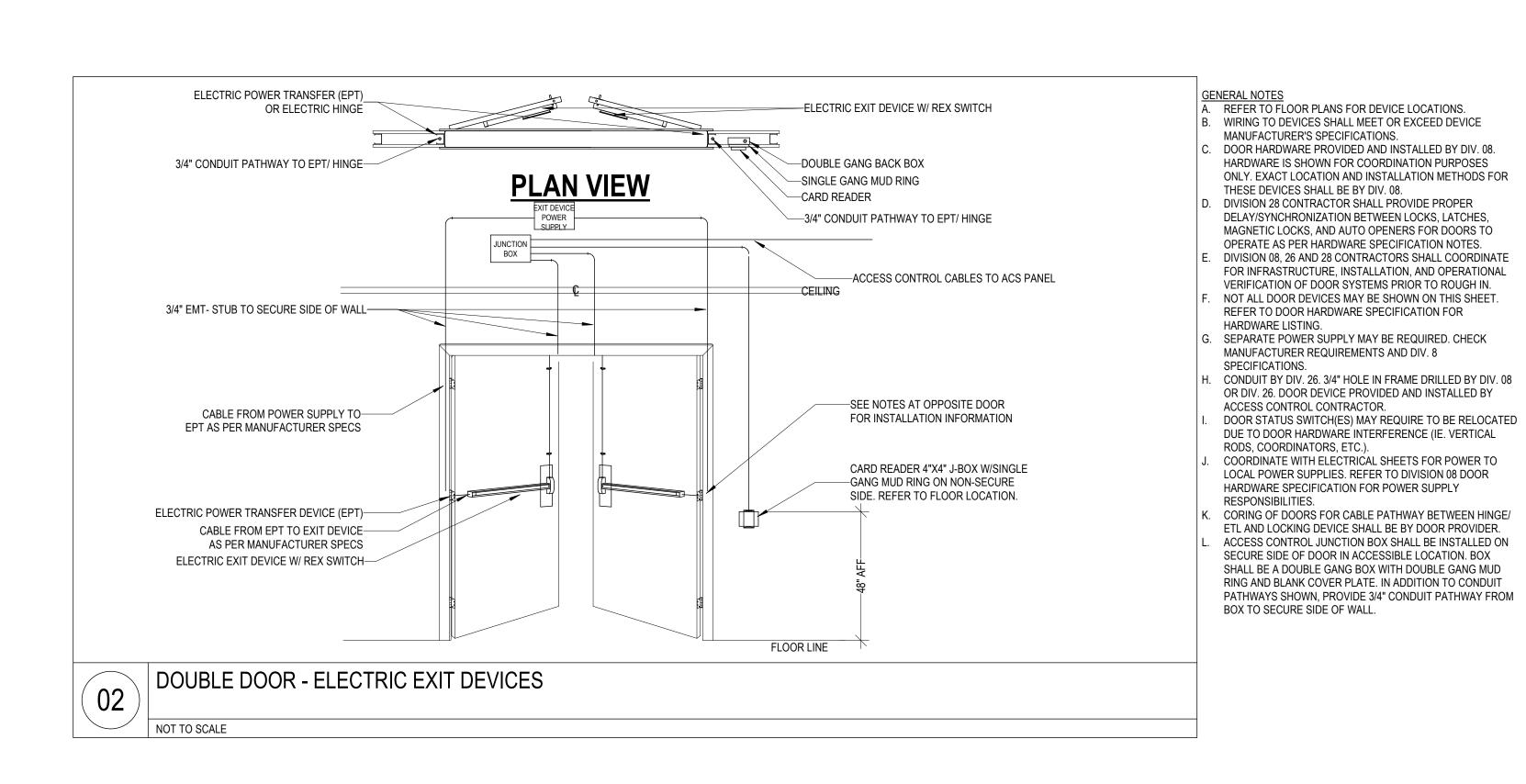
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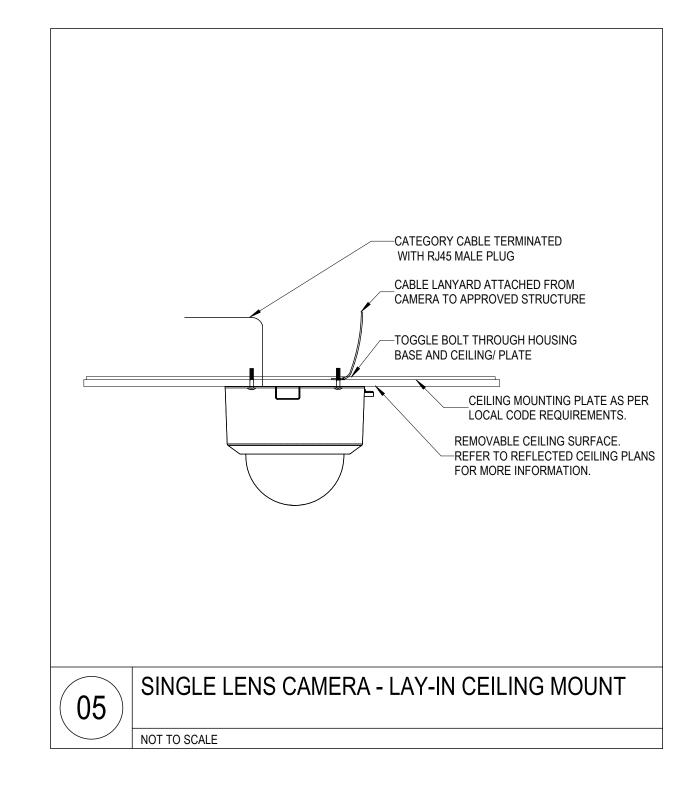
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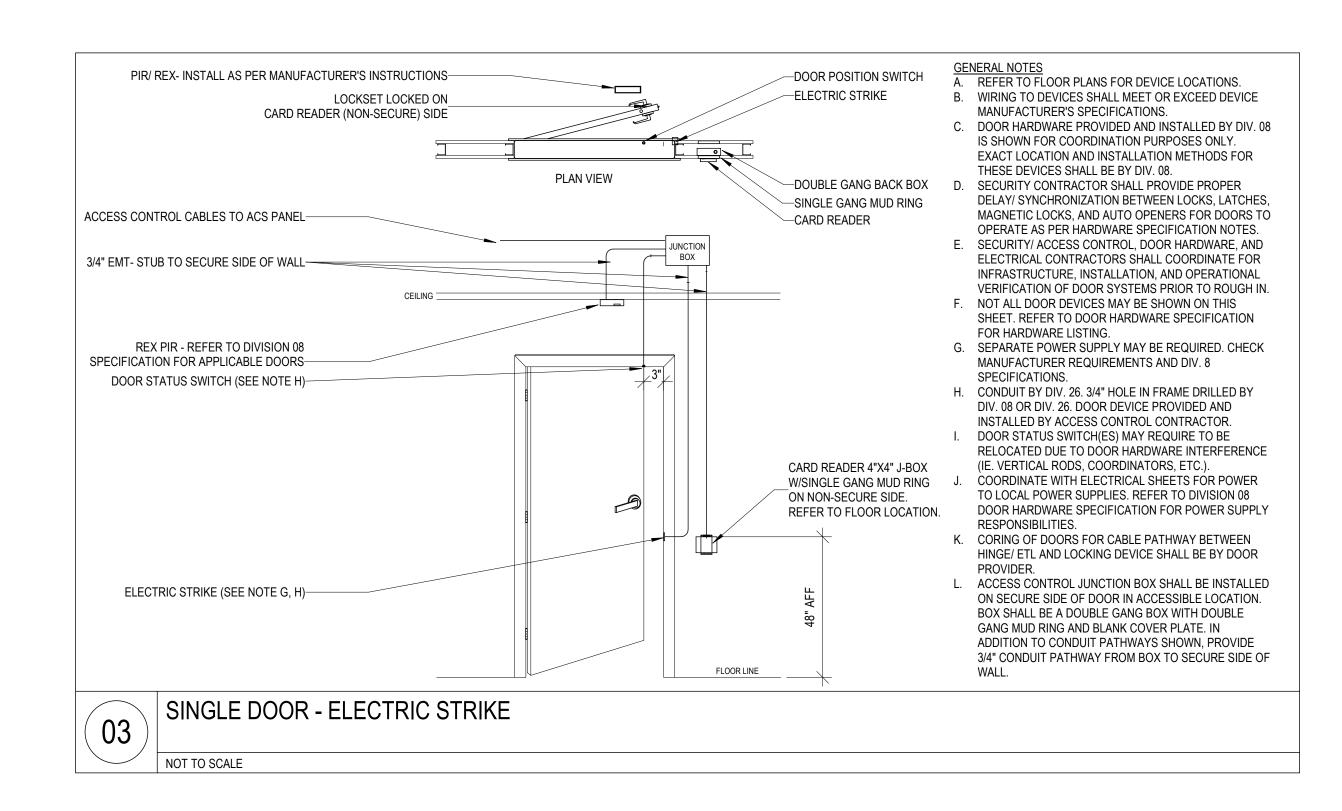
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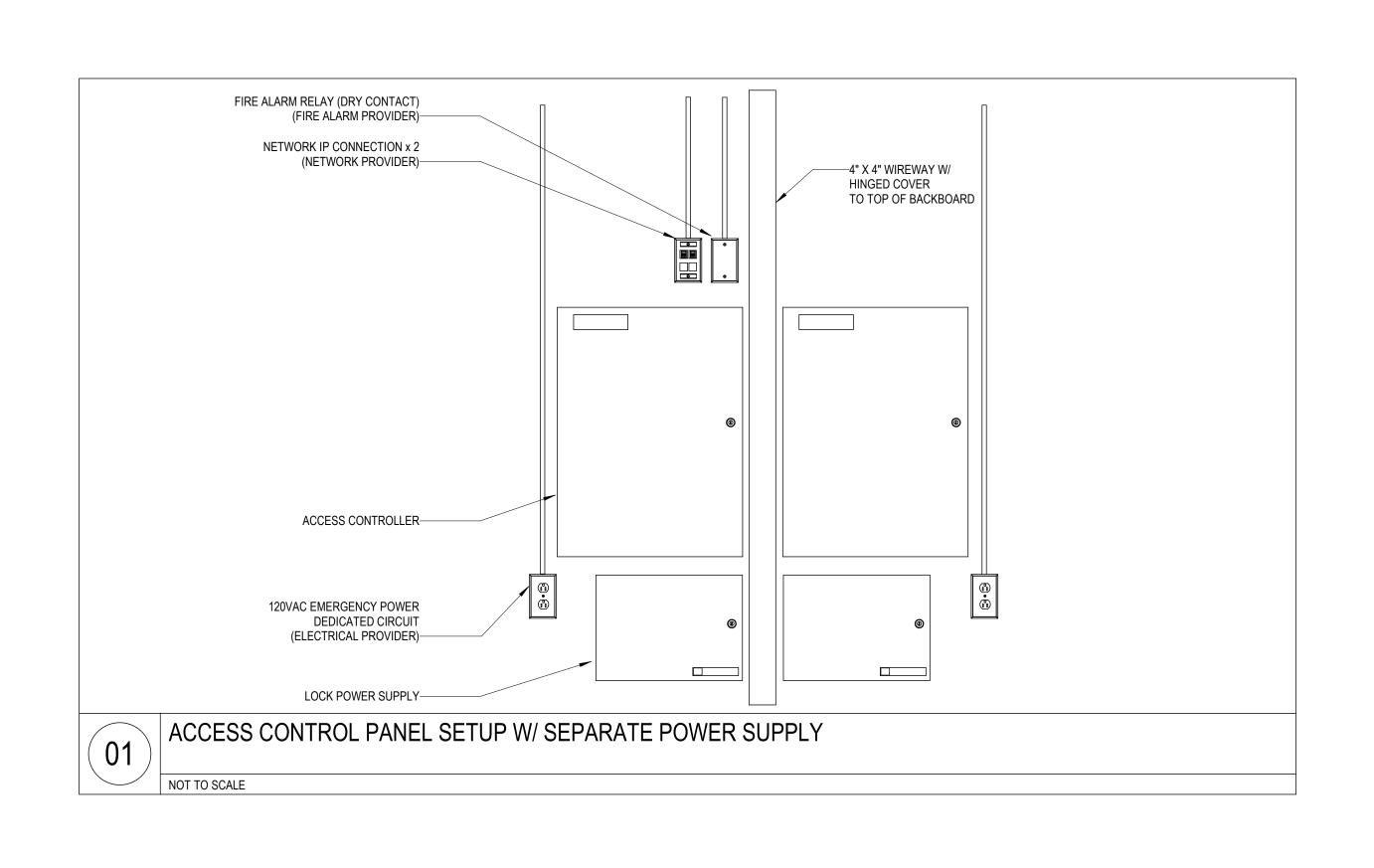
DETAILS - TECHNOLOGY









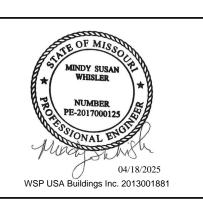




Devenney Group Ltd., Architects
6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251
T: 602.943.8950

www.devenneygroup.com





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MISSOURI DHSS

FACILITY NUMBER: **0972400009**

AGENCY APPROVALS:

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DATE: 04/18/2025
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JOB NUMBER: 6406.24

DETAILS - TECHNOLOGY

T07-03

TECHNOLOGY SYSTEMS EQUIPMENT AND STRUCTURED CABLING COORDINATION SCHEDULE															
SYSTEM	EQUIPMENT FURNISHED BY	EQUIPMENT INSTALLED BY	NT TEST/CERTIFIED BY	CABLE FURNISHED BY	CABLE INSTALLED BY	CABLING CABLE TERMINATIONS BY	LABELED BY	TEST/CERTIFIED BY	CONDUIT SLEEVES BY (NOTE 2)	CONDUIT PATHWAYS BY (NOTE 3)	PRE-MANUFACTURED FIRE SLEEVE BY (NOTE 4)	GH IN BACK BOXES PROVIDED BY	BACK BOXES INSTALLED BY (NOTE 5)	FLOOR/WALL CORES/SLEEVES BY (NOTE 6)	GROUNDING CONNECTION TO TGB BY
IT&S SYSTEMS - VOICE/DATA															
IT&S/VOICE EQUIPMENT (WORKSTATION) (NOTE 9)	OWNER	OWNER	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
IT&S/DATA EQUIPMENT (WORKSTATION) (NOTE 9) WIRELESS ACCESS POINT	OWNER	OWNER	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
(WAP) IT&S/DATA EQUIPMENT	OWNER	DIV 27	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
(TEC/TDR) IT&S/VOICE EQUIPMENT	OWNER	OWNER	OWNER OWNER	N/A N/A	N/A	N/A	N/A	N/A N/A	N/A	N/A	N/A	N/A N/A	N/A N/A	N/A	N/A N/A
(TEC/TDR) WORKSTATION / EQUIPMENT	OWNER	OWNER	OWNER	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A
PATCH CORDS MEDICAL EQUIPMENT NETWORK	OWNER	OWNER	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
CONNECTED DEVICES (NOTE 9) TIME CLOCK (EMPLOYEE)	OWNER	GC	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
NURSE CALL/CODE BLUE															
STATION DEVICES	NC	NC	NC	DIV 27	DIV 27	NC	NC	NC	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
HEADEND CABINET (IF APPLICABLE)	NC	NC	NC	DIV 27	DIV 27	NC	NC	NC	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
NETWORK SWITCHES (IF APPLICABLE)	NC	NC	NC	DIV 27	DIV 27	NC	NC	NC	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
CALL CORD/PILLOW SPEAKERS	NC	NC	NC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
PATCH CORDS	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CATV SYSTEMS															
COAXIAL CABLE	N/A	N/A	N/A	DIV 27	DIV 27	TV	TV/DIV 27	TV	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	TV
DATA CABLE CROSS ROOM NURSE CALL	N/A TV	N/A TV	N/A TV	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A N/A
CONTROL TV OUTLET COVER PLATE	DIV 27	DIV 27	DIV 27	DIV 27 	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27 N/A	DIV 26	N/A N/A	DIV 26	DIV 26	N/A N/A	N/A N/A
TELEVISIONS (PATIENT, WAITING,	TV	TV	TV	N/A	N/A	N/A N/A	N/A	N/A N/A	N/A	N/A	N/A	N/A N/A	N/A	N/A	N/A N/A
STAFF LOUNGE, ETC.) TELEVISION WALL	TV	GC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
MOUNTING BRACKET CATV EQUIPMENT (SPLITTERS/COMBINERS/AMPLIFIERS)	TV	TV	TV	N/A	N/A	N/A	TV	N/A	N/A	N/A	N/A	N/A	N/A	N/A	TV
CROSS CONNECTS/PATCH CORD	TV	TV	TV	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
SECURITY SYSTEMS															
NVR/DVR	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OWNER
SURVEILLANCE CAMERAS/MOUNTS/LICENSES	OWNER	OWNER	OWNER	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
NETWORK SWITCHES	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OWNER
PATCH CORDS ELECTRONIC ACCESS	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CONTROL SYSTEM	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 26	DIV 28	DIV 26	DIV 26	DIV 26	N/A
DOOR HARDWARE WIRELESS PANIC BUTTON	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	N/A PB	N/A N/A	DIV 26	N/A N/A	DIV 26 N/A	DIV 26 N/A	N/A N/A	N/A
(IF APPLICABLE) WIRED PANIC BUTTON	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	N/A DIV 26	DIV 28	DIV 26	DIV 26	N/A	N/A N/A
(IF APPLICABLE) INFANT PROTECTION	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER		OWNER		OWNER	OWNER	OWNER	OWNER	N/A
INTRUSION DETECTION	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 26	DIV 28	DIV 26	DIV 26	N/A	N/A
EMERGENCY (BLUE) PHONE	GC	GC	DIV 26/27	DIV 26/27	DIV 26/27	DIV 26/27	DIV 26/27	DIV 26/27	DIV 26/27	7 DIV 26	DIV 27	DIV 26	DIV 26	N/A	DIV 26
INTERCOM	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 28	DIV 26	DIV 28	DIV 26	DIV 26	DIV 26	N/A
OVERHEAD PAGING SYSTEM															
SPEAKERS/HORNS	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
AMPLIFIERS	DIV 27	DIV 27	DIV 27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	DIV 27
VOLUME CONTROL	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
TELEPHONE ACCESS EQUIPMENT ZONE DISTRIBUTION EQUIPMENT	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
(IF APPLICABLE)	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
PATIENT MONITORING SYSTEM PHYSIOLOGICAL	PM	PM	PM	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
MONITORING (PM) FETAL MONITORING (FM)	PM	PM	PM	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
TELEMETRY	PM	PM	OWNER	OWNER	OWNER	OWNER	OWNER		OWNER		OWNER	OWNER	OWNER	OWNER	N/A
NETWORK SWITCHES	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OWNER
PATCH CORDS	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TELECOMMUNICATIONS ROOMS (TEC/TDR)															
OPEN FRAME EQUIPMENT RACKS (2POST/4POST)	DIV 27	DIV 27	DIV 27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	DIV 27
ENCLOSED EQUIPMENT CABINETS	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	DIV 27
BASKET TRAY & SUPPORT HARDWARE	DIV 27	DIV 27	DIV 27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	DIV 27
FIRE RATED PLYWOOD BACKBOARDS CABLE MANAGEMENT	DIV 26	DIV 26	DIV 26	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
(VERTICAL/HORIZONTAL) UNINTERRUPTIBLE POWER	DIV 27	DIV 27	DIV 27	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	DIV 27
SUPPLY (UPS) NETWORK SWITCHES, SERVERS, &	OWNER OWNER	OWNER	OWNER OWNER	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A OWNER
ADDITIONAL NETWORK GEAR EQUIP. TELEPHONE SYSTEM EQUIPMENT	OWNER	OWNER	OWNER	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	N/A N/A	OWNER
CROSS CONNECTS/PATCH CORDS	OWNER	OWNER	OWNER	N/A N/A	N/A	N/A N/A	N/A	N/A N/A	N/A N/A	N/A	N/A	N/A N/A	N/A	N/A	N/A
GROUNDING/BONDING															
TELECOMMUNICATIONS BONDING BACKBONE (TBB) TELECOMMUNICATIONS GROUNDING BUSS BAR (TGB)	DIV 26	DIV 26	DIV 26	DIV 26	DIV 26	DIV 26	DIV 26	DIV 26	DIV 26	DIV 26	DIV 26	N/A N/A	N/A N/A	DIV 26	DIV 26
MISC. SYSTEMS		DIV 26 OR 27	DIV 26 OR 27	DIV 26 OR 27	DIV 26 OR 27	DIV 26 OR 27	DIV 26 OR 27	DIV 26 OR 27	N/A	N/A	N/A	DIV 26	DIV 26	N/A	N/A
MISC. SYSTEMS SYNCHRONIZED CLOCK SYSTEMS	DIV 26 OR 27			·	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
MISC. SYSTEMS SYNCHRONIZED CLOCK SYSTEMS REAL TIME LOCATING SYSTEM (RTLS)	DIV 26 OR 27 OWNER	OWNER	OWNER	DIV 27	DIV 27										
MISC. SYSTEMS SYNCHRONIZED CLOCK SYSTEMS REAL TIME LOCATING SYSTEM (RTLS) DISTRIBUTED ANTENNA SYSTEMS (DAS)	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER
MISC. SYSTEMS SYNCHRONIZED CLOCK SYSTEMS REAL TIME LOCATING SYSTEM (RTLS) DISTRIBUTED ANTENNA SYSTEMS (DAS) EMERGENCY RESPONDER RADIO COMMUNICATIONS (ERRCS)	OWNER OWNER	OWNER OWNER	OWNER OWNER	OWNER OWNER	OWNER OWNER	OWNER OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER
MISC. SYSTEMS SYNCHRONIZED CLOCK SYSTEMS REAL TIME LOCATING SYSTEM (RTLS) DISTRIBUTED ANTENNA SYSTEMS (DAS) EMERGENCY RESPONDER RADIO	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER									

NOTES:

1. ALL SYSTEMS SHOWN MAY NOT BE PRESENT IN PROJECT. REFER TO FLOOR PLANS FOR SYSTEMS INCLUDED IN PROJECT.

2. INCLUDES CONDUIT SLEEVES, NOT TO EXCEED 18 INCHES IN LENGTH, THROUGH GYPSUM PARTITIONS. SLEEVES EXCEEDING 18" IN LENGTH SHALL BE PROVIDED BY DIV 26 CONTRACTOR.

3. INCLUDES CONDUIT PATHWAY EXCEEDING 18 INCHES IN LENGTH. INCLUDES ALL NECESSARY CONNECTIONS, PULL BOXES, AND PLASTIC BUSHINGS.

4. INCLUDES PRE-MANUFACTURED FIRE SLEEVE SYSTEMS. INCLUDES REQUIRED CONDUIT STUB UP TO ABOVE ACCESSIBLE CEILING SPACE.
 INCLUDES SLEEVES THROUGH CONCRETE/MASONRY WALLS REQUIRING CORING OR LEAVE-OUTS.

INCLUDES SLEEVES THROUGH CONCRETE/MASONRY WALLS REQUIRING CORING OR LEAVE-OUTS.
 CROSS ROOM SOUND CABLE TERMINATED BY NURSE CALL VENDOR AT PATIENT STATION. DIV 27 CONTRACTOR SHALL TERMINATE CROSS ROOM SOUND CABLE AT TV OUTLET AND PROVIDE FACEPLATE.
 LIGHTING CONTROL CABLE TERMINATED BY NURSE CALL VENDOR AT PATIENT STATION. NURSE CALL VENDOR SHALL PROVIDE DIV 26 CONTRACTOR LIGHTING CONTROL RELAY. DIV 26 CONTRACTOR SHALL CONNECT RELAY WITH LIGHT.
 VOICE/DATA WORKSTATION & MEDICAL EQUIPMENT DEVICES INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:

A. PCS
D. COPIERS
G. WIRELESS ACCESS POINTS J. SCANNERS

M. ULTRA SOUND MACHINE

B. PRINTERS (NETWORK, LASER, MULTIFUNCTION, LAB, SCRIPT, ETC.)
E. TRACKER MONITORS H. TELEPHONE SETS K. LAB EQUIPMENT (STERILIZERS, ETC.)

N. ADDITIONAL MEDICAL EQUIPMENT

C. FAX MACHINES
F. TIME CLOCK (EMPLOYEE) MED DISPENSERS L. POINT OF USE (POU) SCANNER

ABBREVIATIONS:

DIV 08 - DOOR HARDWARE CONTRACTOR

DIV 26 - ELECTRICAL CONTRACTOR

DIV 27 - COMMUNICATIONS CABLING CONTRACTOR DIV 28 - ELECTRONIC ACCESS CONTROL/SECURITY CONTRACTOR OWNER - OWNER OR OWNER'S VENDOR
NC - NURSE CALL VENDOR PB - CENTURION PANIC BUTTON VENDOR
ME - MEDICAL EQUIPMENT PLANNER TV - TELEVISION VENDOR SP - SERVICE PROVIDER GC - GENERAL CONTRACTOR
 PM - PHYSIOLOGICAL MONITORING VENDOR N/A - NOT APPLICABLE TEC - TELECOMMUNICATIONS EQUIPMENT ROOM / MDF

TDR - TELECOMMUNICATIONS DISTRIBUTION ROOM / IDF

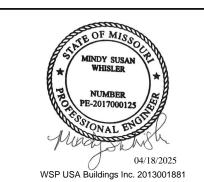


Devenney Group Ltd., Architects 6900 East Camelback Road Suite 500 Scottsdale, AZ 85251

www.devenneygroup.com

T: 602.943.8950





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ADMINISTRATION RELOCATION

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

AUTHORITY HAVING JURISDICTION:
Signal City of Lee's SUMMIT BUILDING DEPT. MISSOURI DHSS

FACILITY NUMBER: 0972400009

AGENCY APPROVALS:

REVISIONS DATE e REV# DESCRIPTION

DATE:
SCALE:
DRAWN:
REVIEWED: 1/8" = 1'-0" 9 JOB NUMBER:

SCHEDULES - TECHNOLOGY

ARCH. FIRM: DEVENNEY GROUP

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

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

ISSUE DATE: 04-11-2025 STORAGE SYSTEMS LAYOUT

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