HCA - LEE'S SUMMIT MEDICAL CENTER

ADMINISTRATION RELOCATION

△A 2000 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

DGL PROJECT NO 6406.24.0001
HCA PROJECT NO. 0972400009
DATE: 07/18/2025 △A △B △C

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

SUBMITTALS:	DATE:
CITY & STATE - 1ST - REVIEW	04/18/2025
CITY - 2ND - REVIEW	05/29/2025
CITY - 3RD - REVIEW △B	07/18/2025
DESIGN COORDINATION △C	07/18/2025

△A

Devenney Group Ltd., Architects

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

T: 602.943.8950
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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 602.541.7287

DUDLEY C. CAMPBELL NUMBER A-2021007249
DATE SIGNED: 07.18.25

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

SHEET INDEX

R = REVISED SHEET	
F = FOR REFERENCE ONLY	
D = DELETED SHEET	

SHEET NUMBER	SHEET NAME	1ST CITY SUBMITTAL - 04/18/2025	CITY - 2ND REVIEW - 05/29/2025	CITY - 3RD REVIEW - 07/18/2025	DESIGN COORDINATION - 07/18/2025
GENERAL INFORMATION					
GI000	COVER SHEET	X	R	R	R
GI001	SHEET INDEX	X	R	R	R
GI101	PROJECT INFORMATION, AREA MAPS, SYMBOLS	X	R		
ARCHITECTURAL SITE					
AS001	ARCHITECTURAL SITE PLAN	X	R		
ARCHITECTURAL LIFESAFETY					
AC101	LIFE SAFETY FLOOR PLAN – LEVEL 1	X	R	R	
AC501	PARTITION TYPES & DETAILS	X	R		
AC521	TYPICAL MOUNTING HEIGHTS	X	R		
ARCHITECTURAL DEMOLITION					
AD101	DEMOLITION PLAN - LEVEL 1	X	R		
AD171	DEMOLITION RCP - LEVEL 1	X	R		
ARCHITECTURAL					
AE111	DIMENSION FLOOR PLAN - LEVEL 1 - ADMIN	X	R	R	
AE131	ANNOTATION FLOOR PLAN - LEVEL 1 - ADMIN	X	R	R	R
AE181	REFLECTED CEILING PLAN - LEVEL 1 - ADMIN	X	R	R	R
AE601	DOOR SCHEDULES - LEVEL 1 ADMIN	X	R		R
AE701	INTERIOR DETAILS	X	R		
AE720	CEILING DETAILS	X	R		
AE740	CASEWORK DETAILS & LEGEND	X	R		
AE741	MILLWORK DETAILS	X	R		
INTERIORS					
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AF002	GENERAL FINISH SPECIFICATIONS AND NOTES	X	R		
AF101	FINISH FLOOR PLAN - LEVEL 1	X	R	R	
AF103	FLOOR PATTERN PLAN - LEVEL 1	X	R	R	
AF104	FURNITURE PLAN - LEVEL 1	X	R	R	
AF105	SIGNAGE PLAN - LEVEL 1	X	R	R	R
AF106	SIGNAGE KEY	X	R		
AF107	SIGNAGE KEY	X	R		
PLUMBING					
P00-00	GENERAL INFORMATION - PLUMBING	X	R	R	
PD02-00	UNDERFLOOR DEMOLITION PLAN - PLUMBING	X	R		
PD02-01	DEMOLITION PLAN - LEVEL 01 - PLUMBING	X	R		
P02-00	UNDERFLOOR PLAN - PLUMBING	X	R		
P02-01	FLOOR PLAN - LEVEL 01 - PLUMBING	X	R		
P07-01	DETAILS - PLUMBING	X	R		
P08-01	SCHEDULES - PLUMBING	X	R		
MECHANICAL					
M00-00	GENERAL INFORMATION - MECHANICAL	X	R		
M01-01	CONTROLS - MECHANICAL	X	R		
MD02-01	DEMOLITION PLAN - LEVEL 01 - HVAC	X	R		
MD03-01	DEMOLITION PLAN - LEVEL 01 - HVAC PIPING	X	R		
M02-01	FLOOR PLAN - LEVEL 01 - HVAC	X	R		
M03-01	FLOOR PLAN - LEVEL 01 - HVAC PIPING	X	R		R
M05-01	RISER DIAGRAM - MECHANICAL	X	R		
M07-01	DETAILS - MECHANICAL	X	R		
M07-02	DETAILS - MECHANICAL	X	R		
M08-01	SCHEDULES - MECHANICAL	X	R		
MEP02-03	ATTACHED MOB ROOF PLAN - MEP	X	R		
ELECTRICAL					
E00-00	GENERAL INFORMATION - ELECTRICAL	X	R		
ED02-01	DEMOLITION PLAN - LEVEL 01 ELECTRICAL	X	R		R
E02-01	FLOOR PLAN - LEVEL 01 - POWER	X	R		
E03-01	FLOOR PLAN - LEVEL 01 - LIGHTING	X	R		
E04-01	FLOOR PLAN - LEVEL 01 - SPECIAL SYSTEMS	X	R		
E06-01	ONE LINE DIAGRAM - ELECTRICAL	X	R		
E07-01	DETAILS - ELECTRICAL	X	R		
E08-01	SCHEDULES - ELECTRICAL	X	R		R
TECHNOLOGIES					
T00-00	GENERAL INFORMATION - TECHNOLOGY	X	R		
TD02-01	DEMOLITION PLAN - LEVEL 01 - COMMUNICATIONS	X	R		R
T02-01	FLOOR PLAN - LEVEL 01 - COMMUNICATIONS	X	R		
T03-01	FLOOR PLAN - LEVEL 01 - LOW VOLTAGE	X	R		R
T04-01	FLOOR PLAN - LEVEL 01 - SECURITY	X	R		
T05-01	ENLARGED PLAN - TECHNOLOGY	X	R		
T06-01	RISER DIAGRAM - TECHNOLOGY	X	R		
T07-01	DETAILS - TECHNOLOGY	X	R		
T07-02	DETAILS - TECHNOLOGY	X	R		
T07-03	DETAILS - TECHNOLOGY	X	R		
T08-01	SCHEDULES - TECHNOLOGY	X	R		
STORAGE SYSTEMS (VENDOR)					
SS-1	STORAGE SYSTEMS LAYOUT	F	R		
SS-2	EQUIPMENT ELEVATIONS	F	R		

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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002549

DATE SIGNED: 07.18.25

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT
MEDICAL CENTER
A 2000 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
A	CITY - 2ND REVIEW	2025/05/29
B	CITY - 3RD REVIEW	2025/07/18
C	DESIGN COORDINATION	2025/07/18

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

SHEET INDEX

GI001

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PROJECT SYMBOLS

DIMENSION LINE — 12'-0" TO FACE OF FRAMING OR CENTERLINE OF STRUCTURE

NORTH ARROW — TRUE NORTH / REFERENCE NORTH

BUILDING SECTION — SECTION DESIGNATION / SHEET NUMBER (2 / A2.01)

WALL SECTION — SECTION DESIGNATION / SHEET NUMBER (3 / A3.01)

DETAIL — DETAIL NUMBER / SHEET NUMBER (1 / A8.01)

EXTERIOR ELEVATION — ELEVATION DESIGNATION / SHEET NUMBER (A / A4.01)

INTERIOR ELEVATION — ELEVATION DESIGNATION / SHEET NUMBER (A / A4.01)

PARTITION TYPE — A4

DOOR IDENTIFICATION — DOOR # (105) — NEW / EXIST.

WINDOW IDENTIFICATION — A

EQUIPMENT IDENTIFICATION — 54123

ROOM NAME AND NUMBER — LOBBY / 105

CEILING ELEVATION REFERENCE — 0'-0"

KEYNOTE REFERENCE — XX

ELEVATION/DATUM REFERENCE — LEVEL FINISH FLOOR 100'-0"

ELEVATION CHANGE REFERENCE — 1'-0"

REVISION — A — STANDARD

PRE-PERMIT REVISION

MATCH LINE — SHEET NUMBER-SIDE MATCHED TO — 1/AE203

COLUMN OR GRID LINE — D / 2

KEY FOR ENLARGED PLAN — 1 / AE417

VICINITY MAP

PROJECT GENERAL NOTES

1. GENERAL NOTES APPLY TO ALL DRAWINGS.
2. 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.
3. WHEN REQUIRED BY CODE, RULES OR REGULATIONS, WORK MUST BE INSPECTED AND APPROVED BY AUTHORITY HAVING JURISDICTION.
4. VERIFY EXISTING SITE CONDITIONS PRIOR TO STARTING WORK AND NOTIFY ARCHITECT OF ANY DISCREPANCIES.
5. 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.
6. DO NOT MEASURE DRAWINGS. DIMENSIONS TO BE FIELD MEASURED AND VERIFIED. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
7. FIELD VERIFY DIMENSIONS OF OPENINGS FOR DOORS AND WINDOWS PRIOR TO FABRICATION.
8. FIELD VERIFY SPACES REQUIRING CABINETS, COUNTERS, CASEWORK, ETC. PRIOR TO FABRICATION.
9. COORDINATE MECHANICAL, PLUMBING AND ELECTRICAL CHASE SIZES AND LOCATIONS.
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.
14. NEW WORK TO ALIGN WITH AND MATCH EXISTING EXCEPT WHERE OTHERWISE DIMENSIONED OR DETAILED.
15. 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.
16. 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.
17. 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

- 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

PROJECT DATA

PROJECT NAME HCA - LEE'S SUMMIT MEDICAL CENTER - ADMINISTRATION TENANT IMPROVEMENT

ADDRESS 2000 SE BLUE PKWAY (A)
LEE'S SUMMIT, MO 64063

BRIEF PROJECT DESCRIPTION

THIS PROJECT INCLUDES THE FOLLOWING COMPONENT:

•LEVEL 1:
-ADMINISTRATION TENANT IMPROVEMENT/RELOCATION
On level 1, the existing OP infusion will be demolished to accommodate the new administration area. The project won't impose additional square footage to the overall existing MOB footprint nor will it change the existing B occupancy of the area.

Building Information (MOB I)		
OVERALL BUILDING HEIGHT	2 STORIES (EXISTING)	45 FEET
OVERALL BUILDING AREA (GROSS)	**66,296 SF (EXISTING)**	
TOTAL PROJECT AREA (GROSS) LEVEL 1:	**ADMINISTRATION**	
	3,845 (SF)	
CONSTRUCTION TYPE (MOB I)	IIB	
Fire Sprinklers	Full Per NFPA 13	
Fire Alarms	Provided	
Emergency Lighting	Provided	

Fire Resistance Rating Requirements for Building Elements		
Building Element / Occupancy Type	TYPE IIB CONSTRUCTION (MOB I) / B - OCCUPANCY	
Primary Structural Frame	0	Hours
Bearing walls: Exterior	0	Hours
Bearing walls: Interior	0	Hours
Nonbearing walls and partitions: Exterior	Varies by distance from property line. See 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

a. Roof Supports: Fire-resistance ratings of primary structural frame and bearing walls are permitted to be reduce by 1 hour where supporting roof only. b. 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

LEVEL 1 PLUMBING FIXTURE REQUIREMENTS

CLASSIFICATION	OCCUPANCY	DESCRIPTION	WATER CLOSETS		LAVATORIES		BATHTUBS OR SHOWERS	DRINKING FOUNTAINS	OTHER
			MALE	FEMALE	MALE	FEMALE			
BUSINESS	B	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**		**6**		**-**	**2**	**1**

NOTES:
*TOTAL OCCUPANTS FOR LEVEL 1 TENANT IMPROVEMENT IS 72 OCCUPANTS. REFER TO SHEET AC101 FOR ADDITIONAL INFORMATION ON OCCUPANT LOAD CALCULATIONS.
1. TOILET FACILITIES FOR EMPLOYEES SHALL BE SEPARATE FROM FACILITIES FOR INMATES OR CARE RECIPIENTS
2. THE OCCUPANT LOAD FOR SEASONAL OUTDOOR SEATING AND ENTERTAINMENT AREAS SHALL BE INCLUDED WHEN DETERMINING THE MINIMUM NUMBER OF FACILITIES REQUIRED

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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002106
REGISTERED ARCHITECT

DATE SIGNED: 05.29.25

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT MEDICAL CENTER
(A) 2000 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
A	CITY - 2ND REVIEW	2025/05/29

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

PROJECT INFORMATION, AREA MAPS, SYMBOLS

GI101

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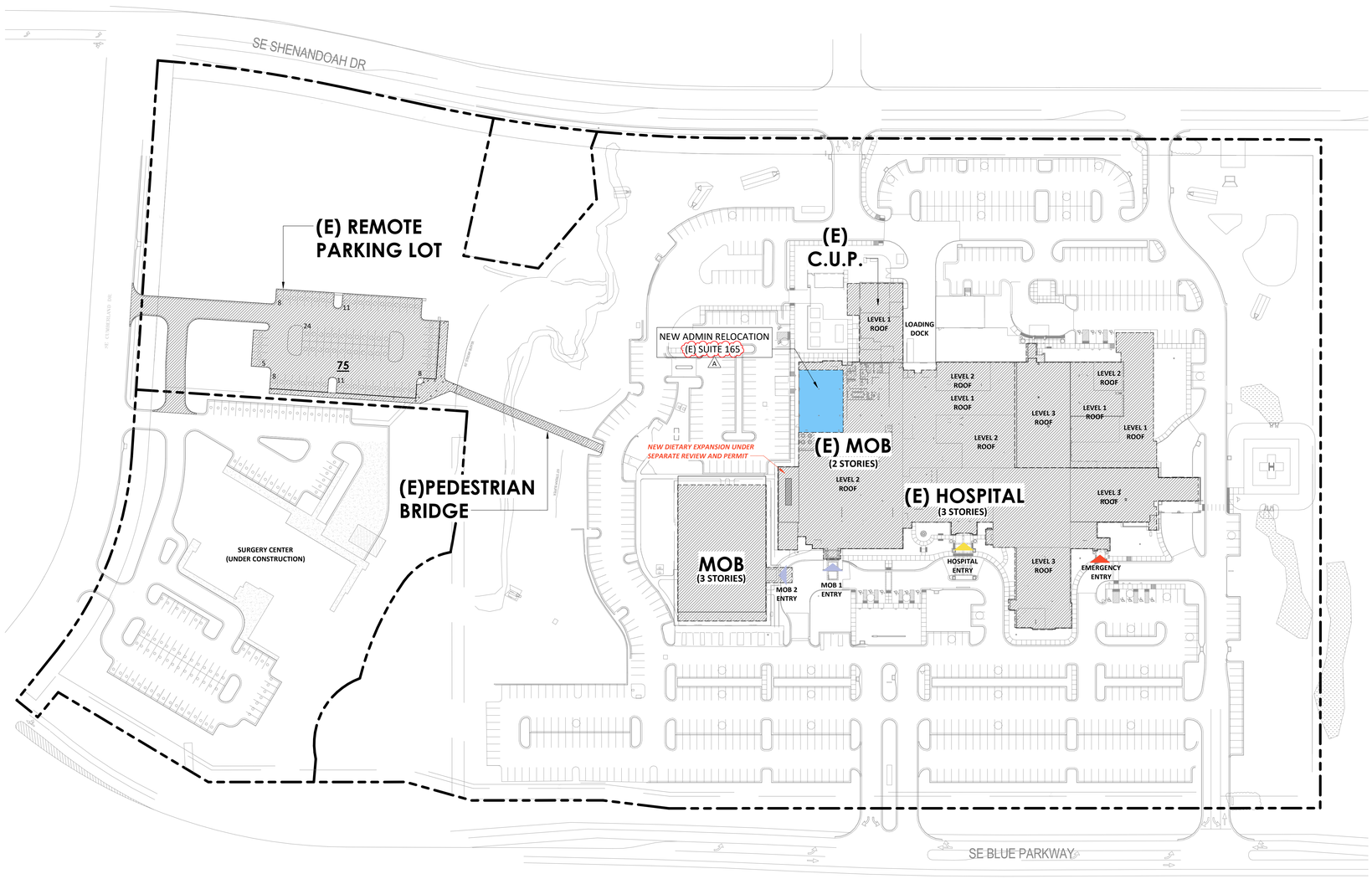
NO CHANGE IN OCCUPANTS, THEREFORE NO CHANGE IN PARKING CALCS.



1 ARCHITECTURAL SITE PLAN
1/64" = 1'-0"

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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021035124

DATE SIGNED: 05.29.25

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MISSOURI DHSS

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REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/05/29

DATE:	04/18/2025
SCALE:	1/64" = 1'-0"
DRAWN:	JV
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ARCHITECTURAL SITE PLAN

AS001

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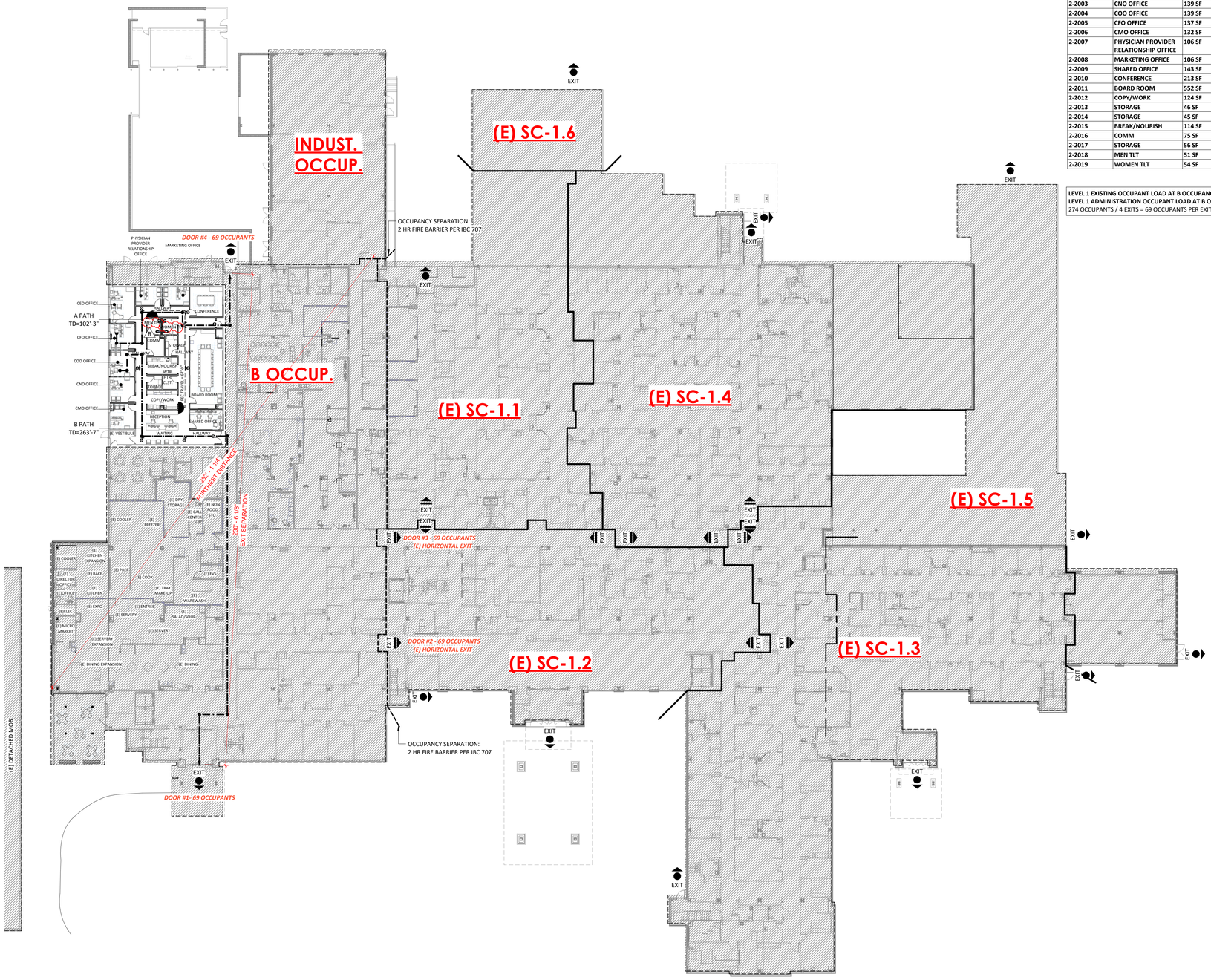


1 LIFE SAFETY FLOOR PLAN - LEVEL 1
3/64" = 1'-0"

MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT

FUNCTION OF SPACE	ID	LOAD FACTOR	COMMENT
ACCESSORY STORAGE AREAS	S	300 SF	GROSS
ASSEMBLY W/O FIXED SEATS - CHAIRS ONLY	AC	7 SF	NET
ASSEMBLY W/O FIXED SEATS - TABLES & CHAIRS (WAITING)	AT	15 SF	NET
BUSINESS AREA (OFFICE)	B	150 SF	GROSS
INSTITUTIONAL - INPATIENT TREATMENT AREA	II	240 SF	GROSS
INSTITUTIONAL - OUTPATIENT AREA	IO	100 SF	GROSS
INSTITUTIONAL - SLEEPING AREA	IS	120 SF	GROSS

ROOM OCCUPANCY - LEVEL 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	B	150 SF	1
2-2002	CEO OFFICE	198 SF	B	150 SF	2
2-2003	CNO OFFICE	139 SF	B	150 SF	1
2-2004	COO OFFICE	139 SF	B	150 SF	1
2-2005	CFO OFFICE	137 SF	B	150 SF	1
2-2006	CMO OFFICE	132 SF	B	150 SF	1
2-2007	PHYSICIAN PROVIDER RELATIONSHIP OFFICE	106 SF	B	150 SF	1
2-2008	MARKETING OFFICE	106 SF	B	150 SF	1
2-2009	SHARED OFFICE	143 SF	B	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	B	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	B	150 SF	1
2-2016	COMM	75 SF	S	300 SF	1
2-2017	STORAGE	56 SF	S	300 SF	1
2-2018	MEN TLT	51 SF	B	150 SF	1
2-2019	WOMEN TLT	54 SF	B	150 SF	1
					77

LEVEL 1 EXISTING OCCUPANT LOAD AT B OCCUPANCY = 197 OCCUPANTS
LEVEL 1 ADMINISTRATION OCCUPANT LOAD AT B OCCUPANCY = 77 OCCUPANTS
274 OCCUPANTS / 4 EXITS = 69 OCCUPANTS PER EXIT

EXIT ACCESSS TRAVEL DISTANCE - LEVEL 1

PER IBC 1016.1 THE MAX LENGTH OF EXIT ACCESS TRAVEL SHALL NOT EXCEED 300FT (B OCCUPANCY)

PATH NAME	DISTANCE
LEVEL 1	
A PATH	102'-3"
B PATH	263'-7"

EXIT DOOR SCHEDULE

MINIMUM EGRESS WIDTH REQUIRED IS THE GREATER WIDTH CALCULATED PER IBC SECTION 1005.3 AND 1010.1.1. AND MINIMUM EGRESS WIDTH PROVIDED ASSUMES LEAF THICKNESS OF 2", INCLUDING HINGES

DOOR #	EXIT DESCRIPTION	OCC. LOAD	WIDTH REQUIRED	WIDTH PROVIDED
LEVEL 1				
DOOR #2	@ MOB ENT.	76	31 3/4"	36"
DOOR #5	@ REAR	76	31 3/4"	60"

LIFE SAFETY LEGEND

- EXIT — EXIT
- EXIT — EXIT ACCESS DOORWAY
- EXIT — HORIZONTAL EXIT/ SMOKE COMPARTMENT EXIT
- TRAVEL DISTANCE
- INDICATES SMOKE COMPARTMENT SEPARATIONS (NEW PARTITIONS TO BE CONSTRUCTED PER THE PARTITION TYPES & DETAILS SHEETS)
- FEC — FIRE EXTINGUISHER CABINET. PROVIDE FIRE EXTINGUISHERS THROUGHOUT THE PROJECT SO THAT OCCUPANTS ARE WITHIN A 75'-0" TRAVEL DISTANCE. REFER TO IFC TABLE 906.3(1)
- FE — SURFACE MOUNTED FIRE EXTINGUISHER
- ILLUMINATED EXIT SIGN

MEANS OF EGRESS GENERAL NOTES

THE FOLLOWING MINIMUM CLEAR WIDTHS OF EGRESS COMPONENTS SHALL BE MET OR EXCEEDED.

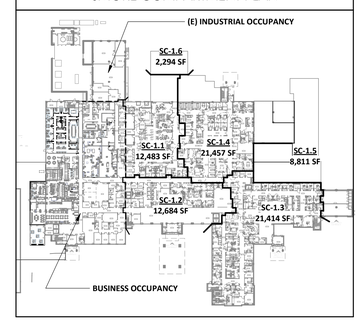
COMPONENT	MINIMUM CLEAR WIDTH
DOORS:	
MEANS OF EGRESS	32 INCHES
MEANS OF EGRESS IN I-2 OCCUPANCY USED FOR MOVEMENT OF BEDS	41 1/2 INCHES
STAIRWAYS:	
GENERAL	44 INCHES
AISLES:	36 INCHES
CORRIDORS, RAMPS, AND EXIT PASSAGEWAYS:	
50 OCCUPANTS OR GREATER	44 INCHES
LESS THAN 50 OCCUPANTS	36 INCHES
WHERE REQUIRED FOR BED MOVEMENT	96 INCHES
OUTPATIENT GURNEY TRAFFIC	72 INCHES

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 SCOPE)

SMOKE COMPARTMENT PLAN



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FACILITY NUMBER:
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AGENCY

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REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/05/29
B	CITY - 3RD REVIEW	2025/07/18

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

LIFE SAFETY FLOOR PLAN – LEVEL 1

AC101

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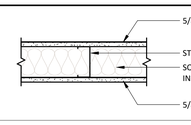
SUMMARY OF REQUIRED FIRE PROTECTION ASSEMBLIES

CATEGORY	FUNCTION	DESCRIPTION	REQUIRED RATING	TYPE OF PROTECTION	BASIS OF DESIGN PRODUCT	LISTED DETAIL	NOTES
PARTITIONS	SEPARATION OF ACCESSORY USE AREAS PER NFPA	RATED PARTITIONS	**1-HOUR**	GYPSUM BOARD / STEEL STUD ASSEMBLY	US GYPSUM PRODUCTS	**UL DESIGN U419**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
JOINTS	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-0440 HW-D-0259 HW-D-0264 HW-D-0324 HW-D-0388 HW-D-0303 HW-D-0538 HW-D-0541 HW-D-0570 HW-D-0571 HW-D-0572 HW-D-0579 HW-D-0646 HW-D-0871 HW-D-0872**	SEE "LISTED DETAILS" SHEETS FOR FULL 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 FULL DETAIL DESCRIPTION
	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 FULL 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 FULL 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 FULL DETAIL DESCRIPTION
PENETRATIONS	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-1462 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 FULL 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 FULL DETAIL DESCRIPTION

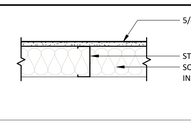
A



PARTITION TYPE	STUD WIDTH
A1	1 1/2"
A2	2 1/2"
A3	3 5/8"
A4	4"
A6	6"
A8	8"

MODIFIERS:

F



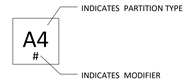
PARTITION TYPE	STUD WIDTH
F1	1 1/2"
F2	2 1/2"
F3	3 5/8"
F4	4"
F6	6"
F8	8"

MODIFIERS:
1. PARTIAL HEIGHT SEE PLAN FOR TOP OF PARTITION ELEVATION
2. GYPSUM BOARD 6" ABOVE CEILING

PARTITIONS GENERAL NOTES

1. ALL PARTITIONS TO EXTEND TO DECK ABOVE UNLESS NOTED OTHERWISE.
2. BRACE PARTITION TO STRUCTURE ABOVE.
3. 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 FOR CONDUIT AND CABLE TRAYS AS REQUIRED.
5. 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 TO DECK.
7. STUD DEPTHS, HEIGHTS AND LIMITS TO BE ENGINEERED BY THE STUD DESIGN ENGINEER.

PARTITIONS LEGEND



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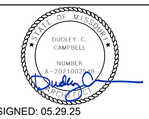

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PARTITION TYPES & DETAILS

AC501

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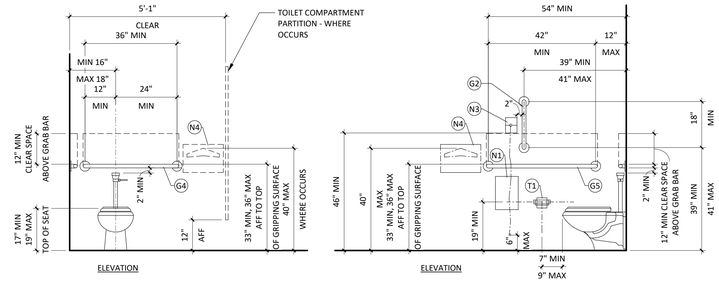
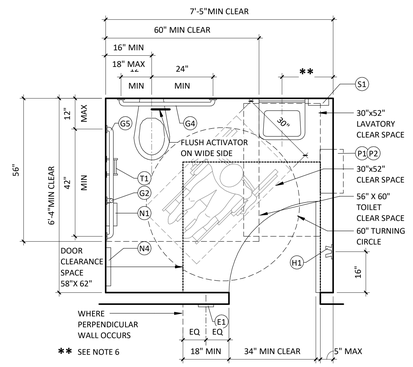


2 TYPICAL WATER CLOSET ACCESSORIES ELEVATIONS

1/2" = 1'-0"



1 TYPICAL IN-SWING DOOR ACCESSIBLE TOILET ROOM

1/2" = 1'-0"

TYPICAL MOUNTING GENERAL NOTES

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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

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TYPICAL MOUNTING HEIGHTS

AC521

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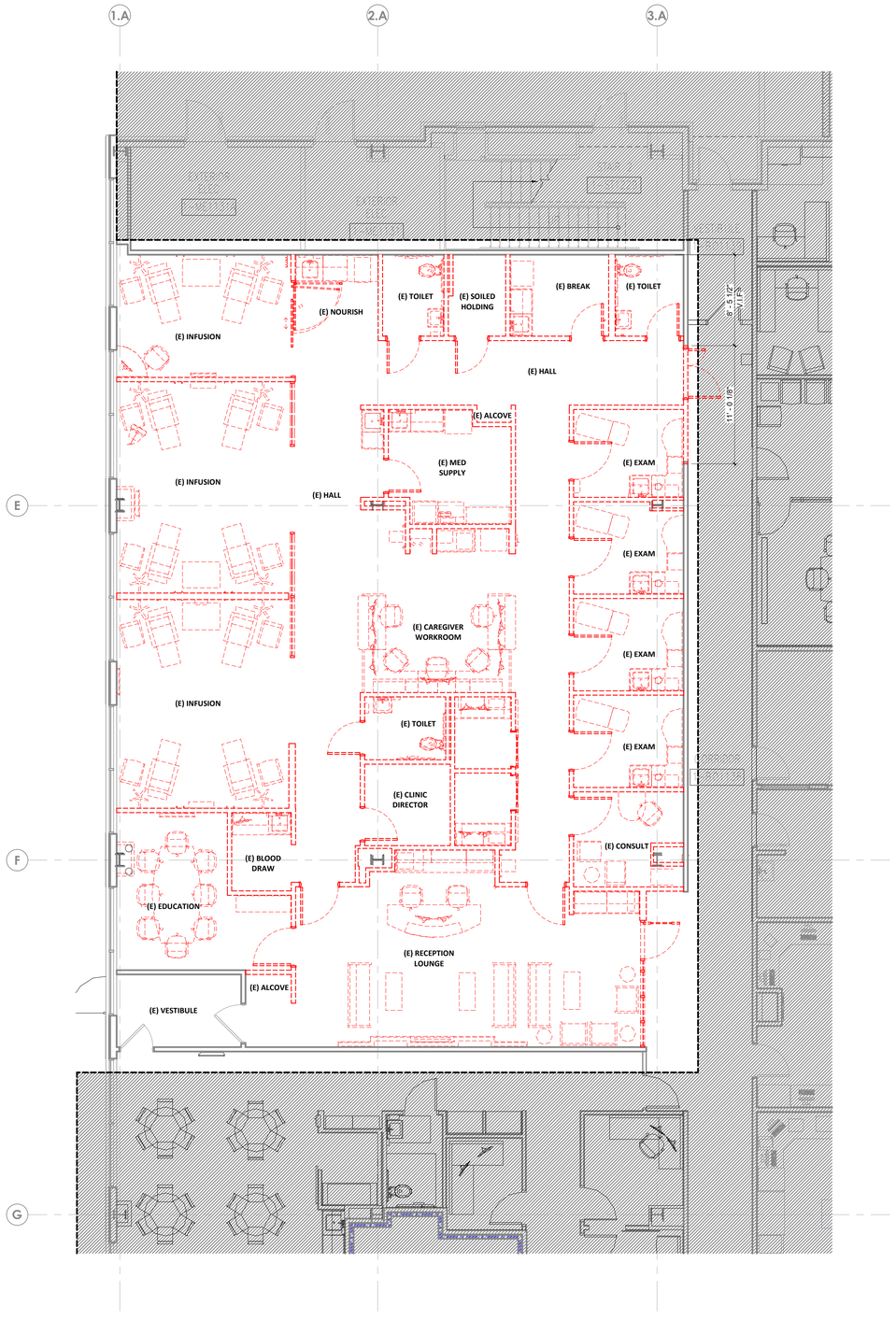

DEMOLITION GENERAL NOTES

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.

DEMOLITION LEGEND

- DEMO PARTITION
- DEMO DOOR AND FRAME
- DEMO WINDOW AND FRAME
- DEMO EXISTING PLUMBING FIXTURE
- DEMO EXISTING FLOOR SLAB FOR NEW PLUMBING / ELECTRICAL

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 SCOPE)

KEYNOTE LEGEND

KEY	NOTE

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DEMOLITION PLAN - LEVEL 1

AD101

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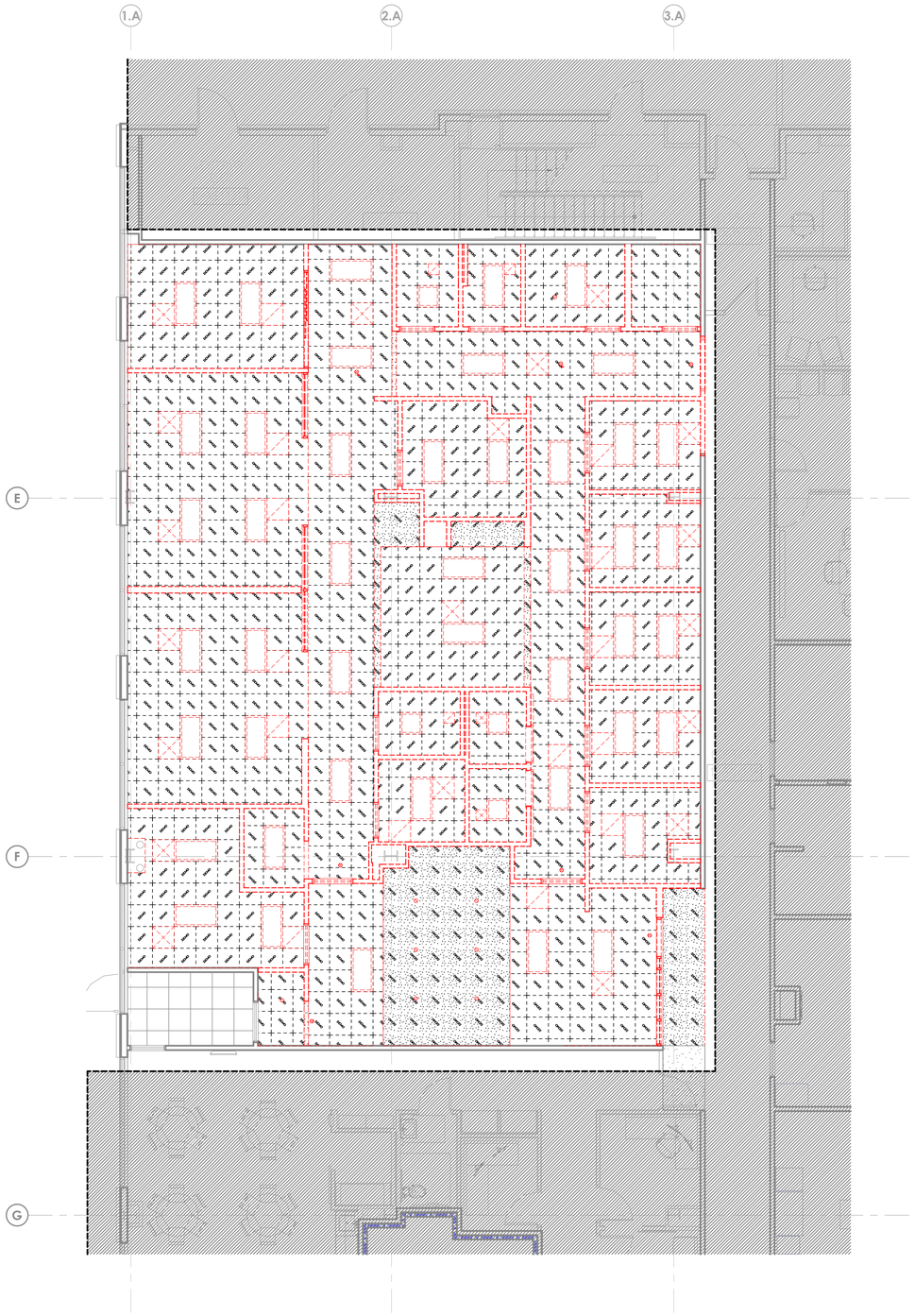
1 DEMOLITION PLAN - LEVEL 1
3/16" = 1'-0"



1 DEMOLITION RCP - LEVEL 1
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5. REMOVE EXISTING FLOOR FINISHES AND PREPARE EXISTING SLAB FOR NEW FINISH INSTALLATION, U.N.O.

REFLECTED CEILING LEGEND

EXISTING	DEMO	
		2 X 2 ACOUSTICAL CEILING GRID SYSTEM
		2 X 4 ACOUSTICAL CEILING GRID SYSTEM
		GYPSUM BOARD
		RECESSED FLUORESCENT / LED FIXTURE
		SURFACE MOUNT FLUORESCENT / LED FIXTURE
		FLUORESCENT / LED STRIP LIGHT
		LINEAR PENDENT STRIP LIGHT
		LINEAR PENDENT LIGHT
		PENDENT LIGHT
		RECESSED DOWNLIGHT
		EMERGENCY EXIT SIGN
		SPEAKER
		SMOKE DETECTOR
		SPRINKLER
		UNDER CABINET LIGHT
		LINEAR WALL LIGHT
		WALL SCONCE
		ACCESS PANEL (DIMENSIONED ON PLAN)
		RETURN AIR GRILLE
		EXHAUST GRILLE

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 SCOPE)

KEYNOTE LEGEND

KEY	NOTE

Devenney GROUP

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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021035124

DATE SIGNED: 05.29.25

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT
MEDICAL CENTER
2000 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
A	CITY - 2ND REVIEW	2025/05/29

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

DEMOLITION RCP - LEVEL 1

AD171

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Admin Relocation.rvt
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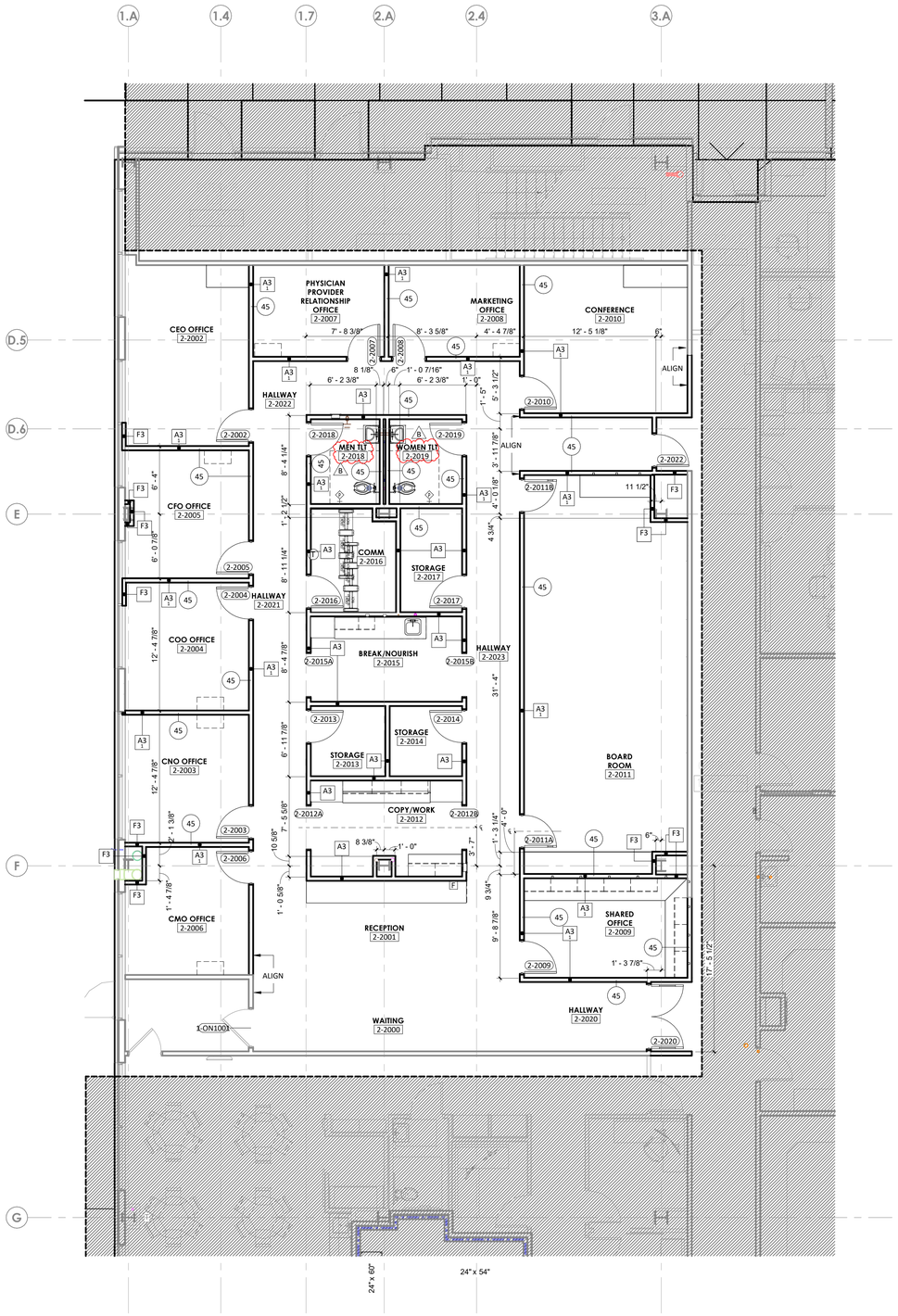


DIMENSION PLANS GENERAL NOTES

1. THE WORD "CLEAR" INDICATES CRITICAL DIMENSIONS FOR ACCESSIBLE EQUIPMENT OR FUNCTIONAL CLEARANCES FROM FACE OF FINISH TO FACE OF FINISH.
2. 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.
3. ALL INFORMATION GRAYED-OUT INDICATES EXISTING OR SCOPE PROVIDED BY OTHERS.
4. WHERE NEW PARTITIONS ABUT EXISTING PARTITIONS, BUILD NEW PARTITION TIGHT TO FACE OF EXISTING PARTITION U.N.O.

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 SCOPE)

KEYNOTE LEGEND

KEY	NOTE

STC PARTITION RATINGS (##)

DESIGN CRITERIA FOR MIN. SOUND ISOLATION PERFORMANCE BETWEEN ENCLOSED ROOMS[1]

TOILET ROOM	PUBLIC SPACE	45
OFFICE	ADJACENT ROOM	45

NOTES:

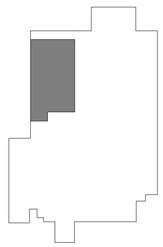
REFER TO SPECIFICATIONS FOR GYP BD REQUIREMENTS AT STC >40 CONDITIONS.

1. 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 ACCEPTABLE.
2. STC 45 RATING AT OFFICE PROVIDED FOR CONVENIENCE, NOT CODE REQUIRED.
3. 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.
4. 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
5. ELECTRONIC MASKING SHALL PROVIDE A MAXIMUM BACKGROUND LEVEL OF 48 DBA

STC GENERAL NOTES

1. NOT ALL ADJANCIES LISTED IN STC PARTITION RATINGS LEGEND MAY OCCUR IN THIS PROJECT.
2. 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 24"
3. PENETRATIONS TRHOUGH FULL HEIGHT STC PARTITIONS SHOULD BE CENTERED IN OPENING AND SEALED AIRTIGHT.
4. CALBE TRAY PENTRATIONS IN STC PARTITIONS SHOULD BE PACKED TIGHTLY WITH HEAVY DENSITY PUTTY.

KEY PLAN



LEVEL 1 - KEYPLAN

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DIMENSION FLOOR PLAN - LEVEL 1 - ADMIN

AE111

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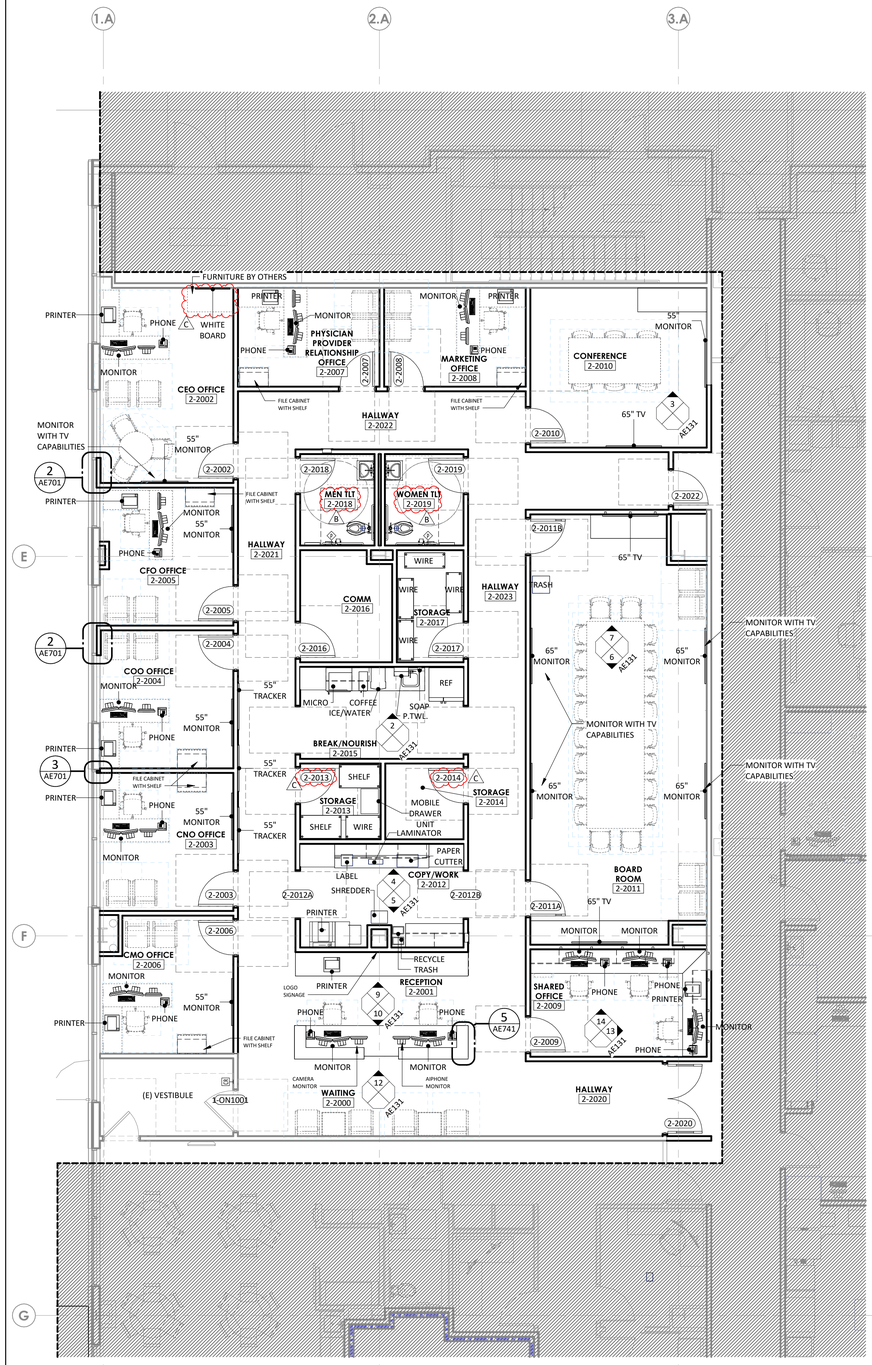
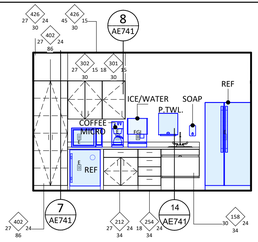
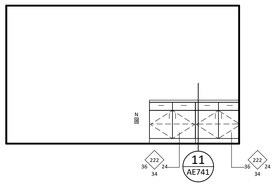
DIMENSION PLAN - ENLARGED - LEVEL 1 - ADMIN



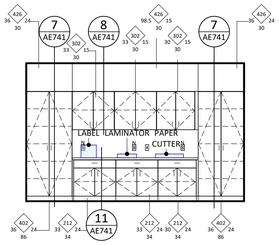
1 ANNOTATION PLAN - ENLARGED - LEVEL 1 - ADMIN
3/16" = 1'-0"



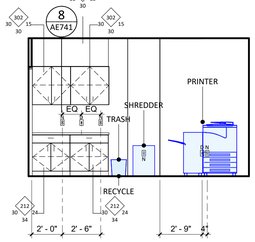
2 BREAK/NOURISH
1/4" = 1'-0"



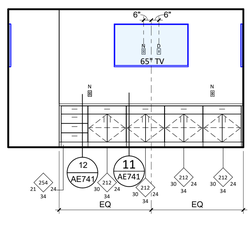
3 CONFERENCE A
1/4" = 1'-0"



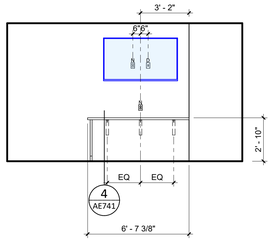
4 COPY/WORK A
1/4" = 1'-0"



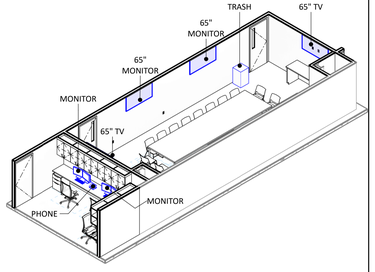
5 COPY/WORK C
1/4" = 1'-0"



6 BOARD ROOM A
1/4" = 1'-0"

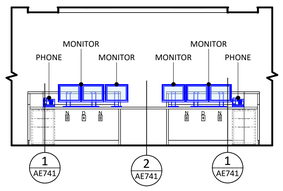


7 BOARD ROOM B
1/4" = 1'-0"

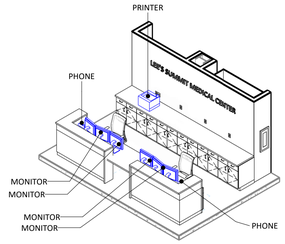


8 ISO - BOARD ROOM

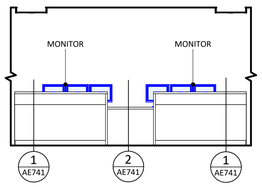
9 ADMIN - RECEPTION - A
1/4" = 1'-0"



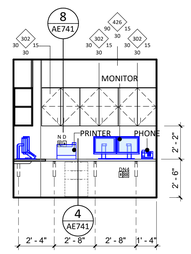
10 ADMIN - RECEPTION C
1/4" = 1'-0"



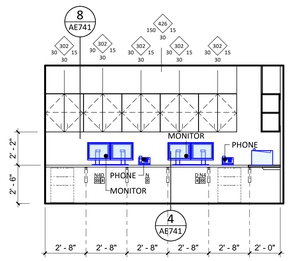
11 ISO - RECEPTION



12 ADMIN - RECEPTION A1
1/4" = 1'-0"



13 ADMIN - SHARED OFFICE B
1/4" = 1'-0"



14 ADMIN - SHARED OFFICE A
1/4" = 1'-0"

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2. 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.
3. ALL INFORMATION GRAYED-OUT INDICATES EXISTING.
4. GRAY DASHED INDICATES OWNER FURNISHED/OWNER INSTALLED FURNITURE/EQUIPMENT.

INTERIOR ELEVATIONS GENERAL NOTES

1. PROVIDE CONTINUOUS BACKING FOR SURFACE MOUNTED EQUIPMENT, MILLWORK, AND ACCESSORIES.
2. LOCATE MILLWORK GROMMETS IN FIELD PER OWNER.
3. EXPOSED MILLWORK SURFACES SHALL BE FINISHED.
4. MOUNT EQUIPMENT, FIXTURES, AND ACCESSORIES ACCORDING TO THE TYPICAL MOUNTING HEIGHTS SHEET, UNLESS NOTED OTHERWISE.
5. PROVIDE WATER RESISTANT GYPSUM BOARD AT WET WALL CONDITIONS.
6. PROVIDE COUNTERTOP SUPPORTS AT OPEN KNEESPACE LOCATION. INSTALL AT 32" ON CENTER MAXIMUM.

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 SCOPE)

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C	DESIGN COORDINATION	2025/07/18

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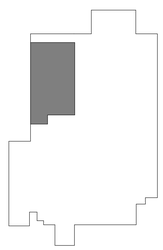
ANNOTATION FLOOR PLAN - LEVEL 1 - ADMIN

AE131

KEY PLAN



LEVEL 1 - KEYPLAN

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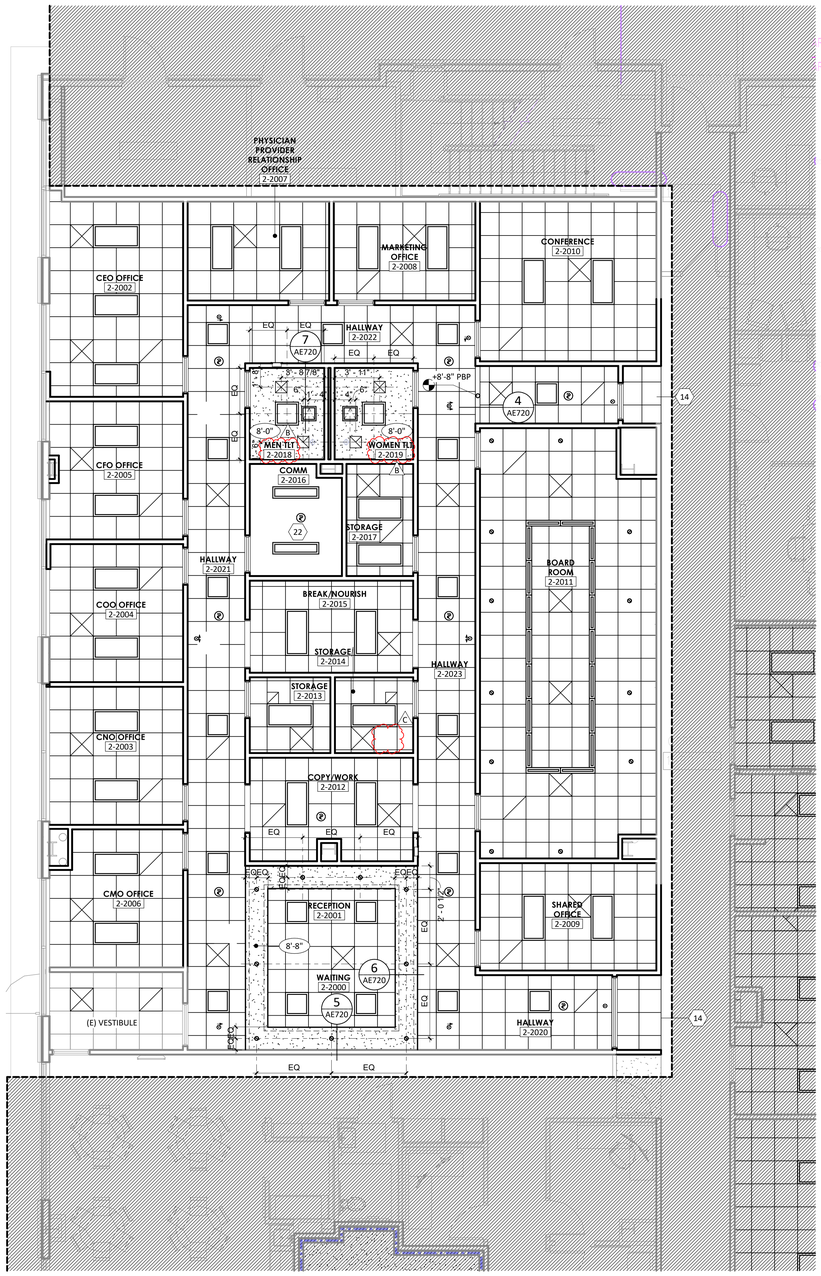


1 RCP - ENLARGED - LEVEL 1 - ADMIN
3/16" = 1'-0"

REFLECTED CEILING GENERAL NOTES

1. CEILING HEIGHTS 9'-0" AFF UNLESS NOTED OTHERWISE. ALL SOFFIT HEIGHTS 8'-0" AFF UNLESS NOTED OTHERWISE.
2. CENTER CEILING SYSTEMS IN ROOMS UNLESS NOTED OTHERWISE.
3. CENTER SPRINKLER HEADS, SPEAKERS, RECESSED LIGHTS, AND SMOKE OR THERMAL DETECTORS IN CEILING TILE UNLESS NOTED OTHERWISE.
4. EXTEND SOFFIT GYPSUM BOARD TO 6" ABOVE FINISHED CEILING.
5. IF SPECIFIED HEIGHT OF FINISHED CEILING NEEDS TO BE LOWERED DUE TO CONDITIONS FOUND DURING CONSTRUCTION OR DEMOLITION, CONTACT ARCHITECT IMMEDIATELY.
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

EXISTING	NEW	
		2 X 2 ACOUSTICAL CEILING GRID SYSTEM
		2 X 4 ACOUSTICAL CEILING GRID SYSTEM
		GYPSUM BOARD
		RECESSED FLUORESCENT / LED FIXTURE
		SURFACE MOUNT FLUORESCENT / LED FIXTURE
		FLUORESCENT / LED STRIP LIGHT
		LINEAR PENDENT STRIP LIGHT
		LINEAR PENDENT LIGHT
		PENDENT LIGHT
		RECESSED DOWNLIGHT
		EMERGENCY EXIT SIGN
		SPEAKER
		SMOKE DETECTOR
		SPRINKLER
		UNDER CABINET LIGHT
		LINEAR WALL LIGHT
		WALL SCONCE
		ACCESS PANEL (DIMENSIONED ON PLAN)
		SUPPLY DIFFUSER
		RETURN AIR GRILLE
		EXHAUST GRILLE

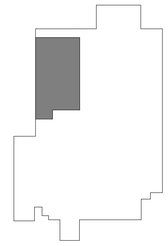
PARTITION LEGEND

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 SCOPE)

KEYNOTE LEGEND

KEY	NOTE
14	EXTEND EXISTING HALLWAY CEILING INTO NEW ALCOVE ENTRANCE - MATCH EXISTING CONDITIONS
22	NO FINISH CEILING SYSTEM IN THIS ROOM.

KEY PLAN



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REFLECTED CEILING PLAN - LEVEL 1 - ADMIN

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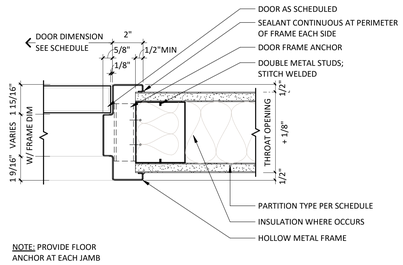
DOOR SCHEDULE

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	

DOOR SCHEDULE

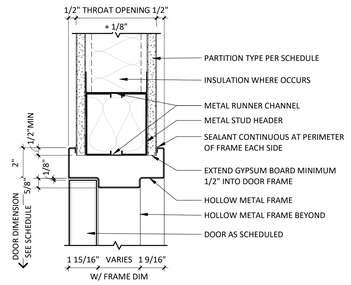
ID	WIDTH	HEIGHT	DOOR PANEL			FRAME			SIDELITE		DETAILS				RATING	HARDWARE	REMARKS	CURRENT REVISION
			MATERIAL	ELEV.	GLAZING	MATERIAL	ELEV.	GLAZING	WIDTH	SILL HEIGHT	HEAD	JAMB	SILL	SIDELITE	FIRE			
LEVEL 1																		C
1-ON1001	3'-6"	7'-0"	EXIST	EXIST		EXIST	EXIST									009A-EX	1	C
2-2002	3'-0"	7'-0"	WDPL	A		HM	1				1/AE601	2/AE601				003A		
2-2003	3'-0"	7'-0"	WDPL	A		HM	1				1/AE601	2/AE601				003A		
2-2004	3'-0"	7'-0"	WDPL	A		HM	1				1/AE601	2/AE601				003A		
2-2005	3'-0"	7'-0"	WDPL	A		HM	1				1/AE601	2/AE601				003A		
2-2006	3'-0"	7'-0"	WDPL	A		HM	1				1/AE601	2/AE601				003A		
2-2007	3'-0"	7'-0"	WDPL	A		HM	1				1/AE601	2/AE601				003A		
2-2008	3'-0"	7'-0"	WDPL	A		HM	1				1/AE601	2/AE601				003A		
2-2009	3'-0"	7'-0"	WDPL	A		HM	1				1/AE601	2/AE601				004A		
2-2010	3'-0"	7'-0"	WDPL	A		HM	1				1/AE601	2/AE601				004A		
2-2011A	3'-0"	7'-0"	WDPL/GL	C	T	HM	1				1/AE601	2/AE601				004A		
2-2011B	3'-0"	7'-0"	WDPL/GL	C	T	HM	1				1/AE601	2/AE601				004A		
2-2012A	4'-0"	7'-0"	-	-		HM	1										CASED OPENING	
2-2012B	4'-0"	7'-0"	-	-		HM	1										CASED OPENING	
2-2013	3'-0"	7'-0"	WDPL	A		HM	1				1/AE601	2/AE601				007C		
2-2014	3'-0"	7'-0"	WDPL	A		HM	1				1/AE601	2/AE601				007C		
2-2015A	4'-0"	7'-0"	-	-		HM	1										CASED OPENING	
2-2015B	4'-0"	7'-0"	-	-		HM	1										CASED OPENING	
2-2016	3'-0"	7'-0"	WDPL	A		HM	1				1/AE601	2/AE601				009A	1	
2-2017	3'-0"	7'-0"	WDPL	A		HM	1				1/AE601	2/AE601				007C		
2-2018	3'-0"	7'-0"	WDPL	A		HM	1				1/AE601	2/AE601				005A		
2-2019	3'-0"	7'-0"	WDPL	A		HM	1				1/AE601	2/AE601				005A		
2-2020	6'-0"	7'-0"	WDPL/GL	CC	T	HM	1		0"	0"	1/AE601	2/AE601				009E	1	
2-2022	3'-0"	7'-0"	WDPL	A		HM	1				1/AE601	2/AE601				009A	1	



NOTE: PROVIDE FLOOR ANCHOR AT EACH JAMB

2 JAMB AT HOLLOW METAL FRAME

3" = 1'-0"

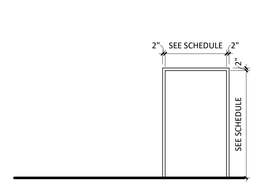


1 HEAD AT HOLLOW METAL FRAME

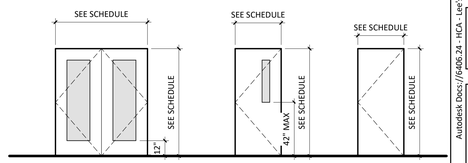
3" = 1'-0"

DOOR GENERAL NOTES

1. 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.
2. 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.
3. SMOKE BARRIER DOORS INSTALLED ACROSS THE CORRIDORS AND EXIT ACCESS DOORS LOCATED AT ZONE BOUNDARIES SHALL BE EQUIPPED WITH APPROVED VISION PANELS.
4. 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.
5. ALL DOORS IN SMOKE BARRIERS AND OPENING INTO RATED EXIT WAYS SHALL BEAR AN APPROVED LABEL DISPLAYING THE LETTER "S" PER CURRENT APPLICABLE CODES.
6. 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.
7. GLASS:
   A. INTERIOR DOORS:
      1. NON-RATED DOORS SHALL HAVE ¼" CLEAR TEMPERED GLASS.
      2. ALL RATED DOORS – SEE SPECIFICATIONS.
      3. LEAD LINED DOORS SHALL HAVE LEAD GLASS.
8. GLAZING IN THE FOLLOWING LISTED AREAS SHALL BE DEEMED TO BE LOCATED IN HAZARDOUS LOCATIONS AND SUBJECT TO HUMAN IMPACT:
   1. 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.
9. 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 OTHERWISE.
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.



FRAME ELEVATIONS



DOOR PANEL ELEVATIONS

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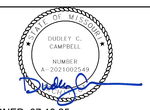

DATE SIGNED: 07.18.25

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT
MEDICAL CENTER
⚠ 2000 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
A	CITY - 2ND REVIEW	2025/05/29
C	DESIGN COORDINATION	2025/07/18

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

DOOR SCHEDULES - LEVEL 1
ADMIN

AE601

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Admin Relocation.rvt
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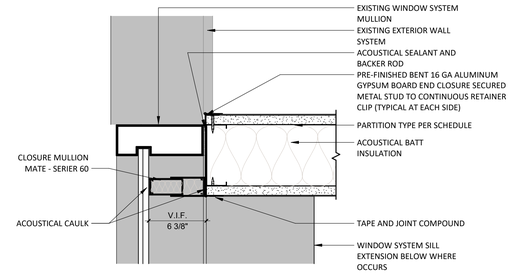
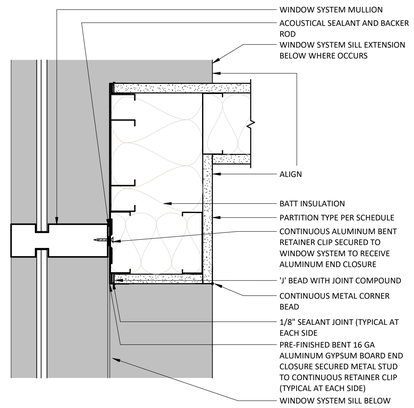


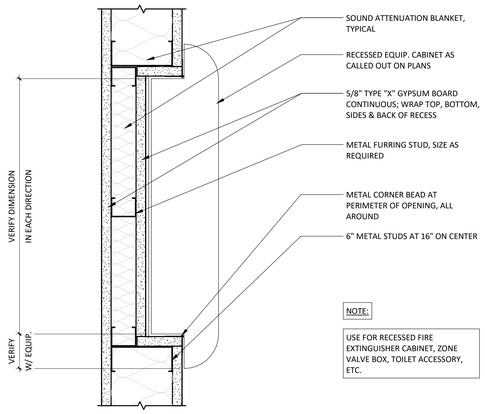
OFFSET PARTITION TERMINATION AT MULLION

3 — 3" = 1'-0"



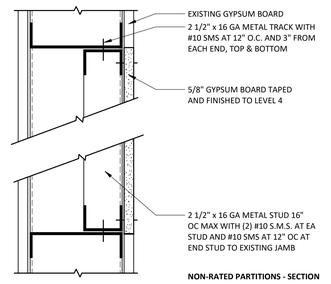
OFFSET PARTITION TERMINATION AT MULLION

2 — 3" = 1'-0"



RECESSED FIRE EXTINGUISHER CABINET

4 — 3" = 1'-0"



NON-RATED PARTITIONS - SECTION

PARTITION OPENING INFILL NON-RATED

1 — 3" = 1'-0"

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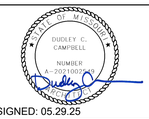

DATE SIGNED: 05.29.25

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT MEDICAL CENTER
A 2000 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
A	CITY - 2ND REVIEW	2025/05/29

DATE:	04/18/2025
SCALE:	3" = 1'-0"
DRAWN:	JV
REVIEWED:	MM/DP
JOB NUMBER:	6406.24

INTERIOR DETAILS

AE701

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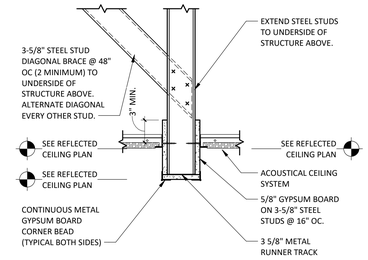
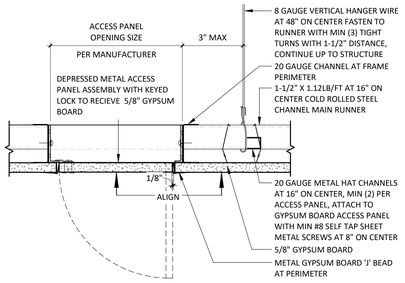


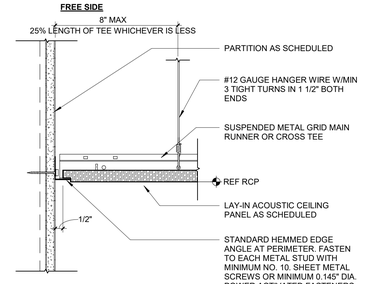
4 NARROW BULKHEAD

1 1/2" = 1'-0"



7 RECESSED GYPSUM BOARD ACCESS PANEL DETAIL

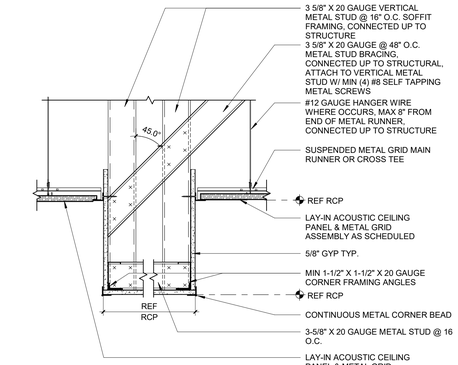
3" = 1'-0"



3 SUSPENDED LAY-IN CEILING FREE EDGE CONDITION

3" = 1'-0"

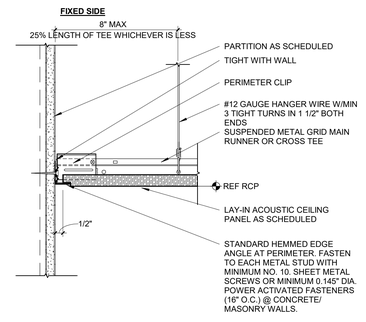
C1070



6 GYP BD SOFFIT TO APC

1 1/2" = 1'-0"

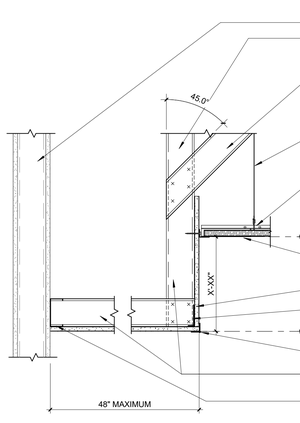
C1070



2 SUSPENDED LAY-IN CEILING EDGE CONDITION

3" = 1'-0"

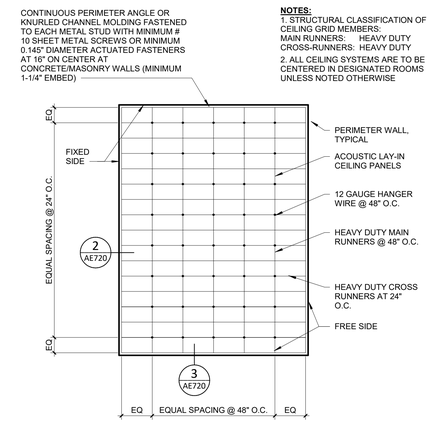
C1070



5 GYP BD SOFFIT TO APC

1 1/2" = 1'-0"

C1070



NOTES:

1. STRUCTURAL CLASSIFICATION OF CEILING GRID MEMBERS:
   MAIN RUNNERS: HEAVY DUTY
   CROSS-RUNNERS: HEAVY DUTY
2. ALL CEILING SYSTEMS ARE TO BE CENTERED IN DESIGNATED ROOMS UNLESS NOTED OTHERWISE

1 APC-SUSPENDED CEILING

1/8" = 1'-0"

C1070

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Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002106
REGISTERED ARCHITECT

DATE SIGNED: 05.29.25

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DATE:	04/18/2025
SCALE:	As indicated
DRAWN:	JV
REVIEWED:	MM/DP
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CEILING DETAILS

AE720

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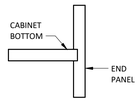
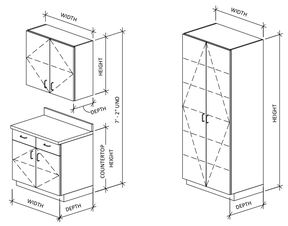
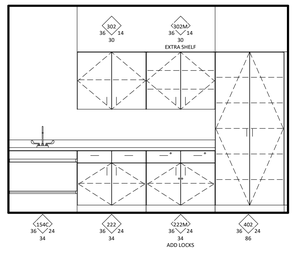
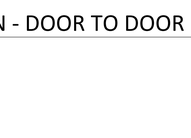


17 SEC. - UPPER CABINET EXPOSED END AT VALANCE
3" = 1'-0"



CASEWORK LEGEND
NTS





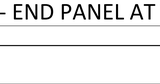
21 SEC. - UPPER CABINET CLOSURE PANEL
3" = 1'-0"

16 PLAN - CABINET TO CABINET
3" = 1'-0"

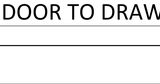
12 SEC. - UPPER CABINET BOTTOM AT WALL
3" = 1'-0"

8 SEC. - UPPER CABINET EXPOSED EDGE
3" = 1'-0"

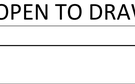
4 SEC - UPPER CABINET WITH DOORS
3" = 1'-0"



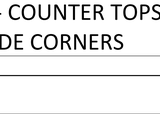
20 SEC. - UPPER CABINET OPEN
3" = 1'-0"



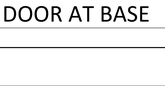
15 PLAN - END PANEL
3" = 1'-0"



11 PLAN - FILLER PANEL
3" = 1'-0"



7 SEC. - KNEE SPACE / APRON
3" = 1'-0"



3 SEC. - COUNTER TOP WITH DOOR BELOW
3" = 1'-0"

19 PLAN - DOOR TO DOOR
3" = 1'-0"

14 SEC. - UPPER CABINET WITH DOORS AT VALANCE
3" = 1'-0"

10 SEC. - UPPER CABINET OPEN AT VALANCE
3" = 1'-0"

6 PLAN - INSIDE CORNER FILLER
3" = 1'-0"

2 SEC. - UPPER CABINET CLOSURE PANEL RETURN
3" = 1'-0"

18 PLAN - END PANEL AT WALL
3" = 1'-0"

13 SEC. - DOOR TO DRAWER
3" = 1'-0"

9 SEC. - OPEN TO DRAWER
3" = 1'-0"

5 PLAN - COUNTER TOPS AT OUTSIDE CORNERS
3" = 1'-0"

1 SEC. - DOOR AT BASE
3" = 1'-0"

CASEWORK GENERAL NOTES

1. CABINETRY NUMBERS FOLLOW THE NORTH AMERICAN WOODWORK STANDARDS – CASEWORK DESIGN SERIES
2. REFER TO INTERIOR ELEVATIONS FOR CABINETRY INFORMATION
3. PROVIDE BLOCKING WITHIN PARTITION FOR ALL CABINETRY ATTACHED TO WALLS. SEE TYPICAL CABINET ANCHORAGE DETAIL FOR MORE INFORMATION.
4. DETAIL SECTIONS WILL BE PROVIDED FOR SPECIALIZED CABINETS. NOT ALL DOOR/DRAWER COMBINATIONS WILL BE DETAILED.
5. PROVIDE MIN. 2" FILLER WHERE CABINET ABUTS PARTITION AT SIDE - UNO
6. PROVIDE SIDESPLASHES WHERE COUNTERTOPS ABUT PARTITION AT SIDES - UNO
7. PROVIDE COUNTERTOP BRACE SUPPORTS AT 32" OC MAX @ KNEE SPACES & LAVATORY COUNTERS
8. PROVIDE 2" DIA. GROMMETS AT BACK OF COUNTERTOPS WHERE SHOWN ON PLANS OR ELEVATIONS
9. AT THE BOTTOM OF INDIVIDUAL UPPER CABINET UNITS, ALLOW FOR CONTINUOUS RUNS OF UNDERCOUNTER LIGHTS - REFERENCE ELECTRICAL DRAWINGS
10. FOR FIELD APPLIED MIRRORS, EXTEND MIRRORS FROM THE TOP OF COUNTERTOP SPLASH TO 7'-2" AFF, UNO X WIDTH SHOWN
11. PROVIDE FINISHED END PANELS AND/OR END RETURNS AT OPEN ENDED CABINETRY (INCLUDING KNEE SPACES).
12. 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.
13. 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.
14. REFER TO "ARCHITECTURALLY SIGNIFICANT EQUIPMENT" (MEDICAL EQUIPMENT SCHEDULE) FOR PURCHASE & INSTALLATION RESPONSIBILITIES FOR EQUIPMENT ITEM SHOWN ON PLANS & ELEVATIONS. COORDINATE SIZE OF OPENINGS WITHIN CABINETRY.

Devenney GROUP

Devenney Group Ltd., Architects

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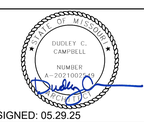
Consultant:



DATE SIGNED: 05.29.25

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT MEDICAL CENTER
A 2000 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
A	CITY - 2ND REVIEW	2025/05/29

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

CASEWORK DETAILS & LEGEND

AE740

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0001 HCA - LSMC Admin Relocation.rvt
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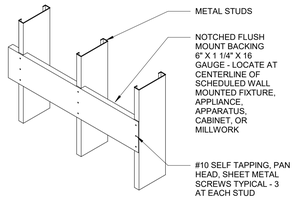
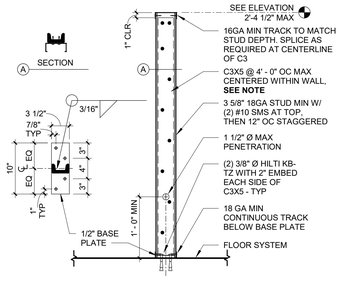


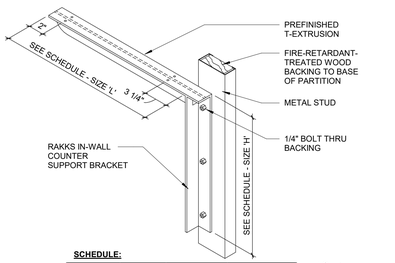
NOTE: GC TO COORDINATE IN-WALL BACKING LOCATIONS WITH ALL WALL MOUNTED EQUIPMENT INSTALLATION REQUIREMENTS.

17 CONTINUOUS METAL BACKING
1" = 1'-0"



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

CANTILEVERED PARTIAL HEIGHT WALL WHERE COUNTERTOP OCCURS
16
1" = 1'-0"

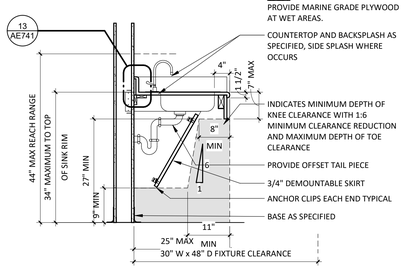


SCHEDULE:

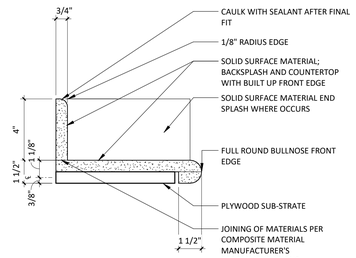
COUNTER DEPTH	SIZE (H x L)	T-EXTRUSION	CAPACITY(LBS)
TO 13"	12" X 11"	2" X 2" X .25"	430
TO 18"	12" X 14"	2" X 2" X .25"	430
TO 25"	18" X 20"	2" X 2" X .25"	300
TO 30"	18" X 26"	2" X 3" X .188"	300
WEIGHT CAPACITY IS BASED ON EVENLY DISTRIBUTED STATIC LOADS			

NOTE:
AT FIRE RESISTANCE RATED ASSEMBLIES SEAL T-EXTRUSION PENETRATION WITH FIRE SEALANT

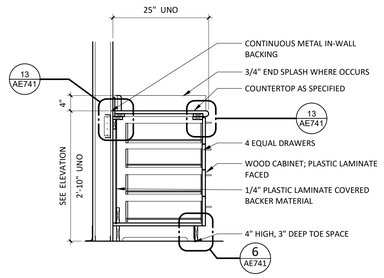
COUNTERTOP SUPPORT BRACKET
15
1 1/2" = 1'-0"



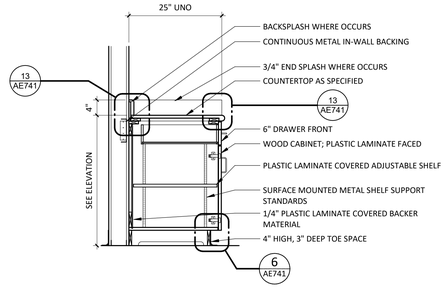
LAV W/ REMOVABLE PLUMBING SHIELD (NON-CAL)
14
3/4" = 1'-0"



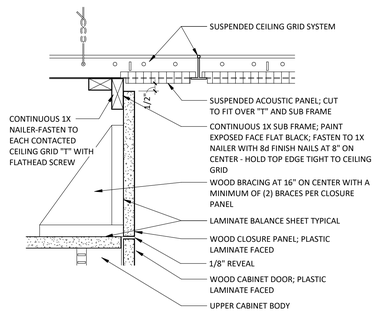
SOLID SURFACE COUNTERTOP
13
3" = 1'-0"



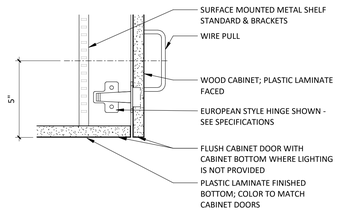
BASE CABINET (4 EQ.)
12
3/4" = 1'-0"



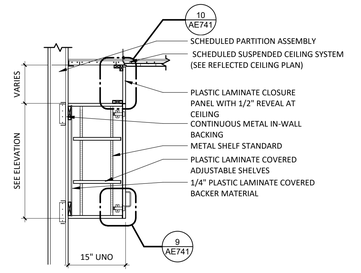
BASE CABINET
11
3/4" = 1'-0"



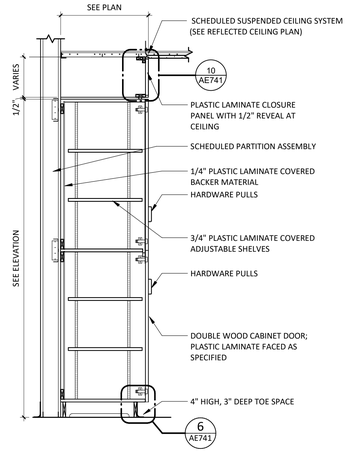
CLOSURE PANEL
10
3" = 1'-0"



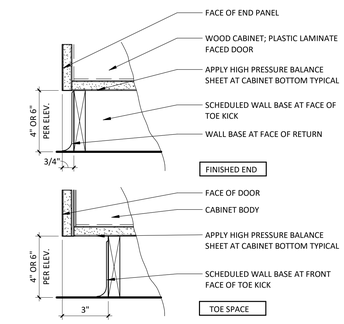
UPPER CABINET HARDWARE
9
3" = 1'-0"



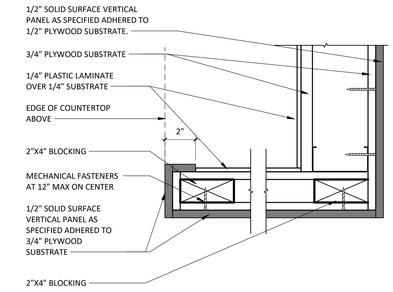
UPPER CABINET
8
3/4" = 1'-0"



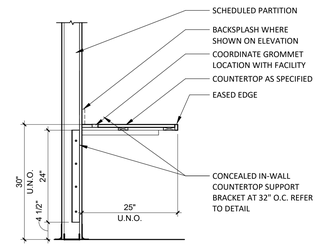
FULL HEIGHT CABINET
7
3/4" = 1'-0"



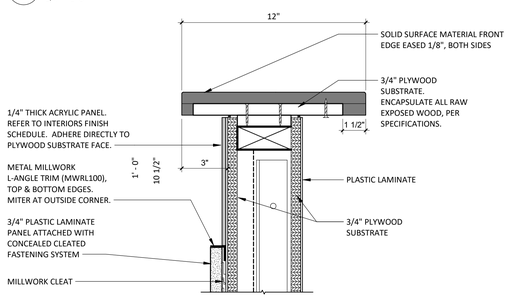
TOE KICK
6
3" = 1'-0"



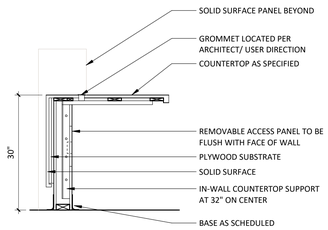
VERTICAL SOLID SURFACE END PANEL
5
3" = 1'-0"



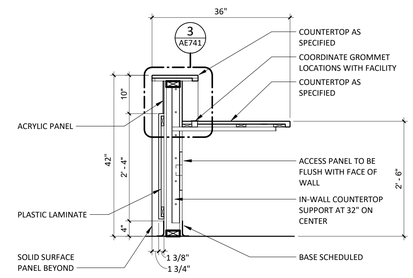
WORK SURFACE
4
3/4" = 1'-0"



12" TRANSACTION TOP - ENLARGED
3
3" = 1'-0"



RECEPTION - LOW COUNTER
2
3/4" = 1'-0"



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

Devenney GROUP

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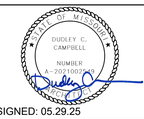
Consultant:



DATE SIGNED: 05.29.25

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT MEDICAL CENTER
A 2000 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
A	CITY - 2ND REVIEW	2025/05/29

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

MILLWORK DETAILS

AE741

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FINISH SELECTIONS AND GENERAL NOTES

MATERIAL CONTACTS

Please contact the following representatives for special pricing.

MANUFACTURER	TYPE OF FINISH	NAME, EMAIL, PHONE #
Armstrong Ceilings	Acoustical Ceiling Tile	Hedda Metzler 717.209.2793 hhmetzler@armstrong.com HPG#6924
Bennu Enterprises	Signage	Tony Hatchell 615.226.4577 tony@bennusigns.com
Carnegie Fabrics	Acoustical Panel Fabric	Tim Butler 615.479.4950 tbutler@mainsolutionsllc.com
Daltile	Ceramic Tile	Abby Finnegan 615.519.9672 abby.finnegan@daltile.com
Durasein	Solid Surface	Pam Dervarics 610.360.5825 pam.dervarics@durasein.com
Emser Tile	Porcelain Tile	Randy Crowder randycrowder@emser.com
Fry Reglet	Millwork	Nick Green 770.468.2599 nickgreen@fryreglet.com
Grifform	Solid Surface Transition	www.grifform.com
Ketchum Walton CO.	Acoustic Panel - Fabriktrak	Kay Reinhardt 312.550.2967 kreinhardt@ketchumandwalton.com
Logistic Solutions	Floor Purchasing	Logistics Solutions LLC Customersvc@logisolutions.net 615.750.2014
Mannington	Flooring/Base	Terri Bailey 615.427.8980 hca@mannington.com HPG#5468
MDC Wall Covering	Vinyl Wall Covering	Monica Fox 800.621.4096 mfox@mdcwall.com
Schluter Systems	Metal Trim	Jack Leblanc 225.483.2758 Jack Leblanc@schluter.com
Shaw	Carpet	Ashley Hart 615.878.2293 ashley.hart@shawcontract.com HPG#500169
Sherwin Williams	Interior Paint	Andrew Flippin Andrew.flippin@sherwin.com HPG#5893
Uttermost	Decorative Mirror	www.uttermost.com
Wilsonart	Plastic Laminate	Chris Fleming 615.292.2188 fleminc2@wilsonart.com
3form	Poly Resin	Jenna Harris 615.708.3126 jenna.harris@3-form.com

CEILINGS

CODE	ITEM	TYPE/ LOCATION	MANUFACT.	DESCRIPTION
ACT1	Acoustical Ceiling Tile - General	General, Back of House, Staff Areas	Armstrong	Fine Fissured 1754 Medium Texture 24"x24" Square Lay-In with 15/16" Prelude XL Grid, Factory Painted White NRC: 0.75, CAC:35
ACT2	Acoustical Ceiling Tile - Upgraded	Upgraded Public or Patient Areas	Armstrong	Ultima Healthzone High NRC 1445 Fine Texture 24"x24" Square Lay-In with 15/16" Prelude XL Grid, Factory Painted White NRC: 0.80, CAC: 35
EXP	Exposed Ceiling	See Finish Plans		
GYP	Gypsum Board Ceiling	See Finish Plans		See WALLS section for ceiling paints.

WALLS

CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
CWT1	Ceramic Wall Tile	Walls-General	Daltile	Pattern: Vivify Color: Spectra Blue VF03 Size: Mosaic 14-1 1/16" x 12-13/16",1/8" Thickness Grout: Laticrete, Spectralock Pro Premium Grout Color: Light Pewter Grout Joint: 1/8"
EP1	Epoxy Paint	Walls-General	Sherwin Williams	Color: Drift of Mist SW9166 Formula/Finish: Low Gloss Water-Based Epoxy
EP2	VOID			
EP3	Epoxy Paint	GYP Ceilings	Sherwin Williams	Color: SW7007 Ceiling Bright White Formula/Finish: Low Gloss Water-Based Epoxy
P1	Wall Paint	Walls-General	Sherwin Williams	Color: Drift of Mist SW9166 Formula/Finish: Latex Eggshell
P2	Wall Paint	Walls-Accent	Sherwin Williams	Color: Rain SW6219 Formula/Finish: Latex Eggshell
P3	Wall Paint	Walls-Accent	Sherwin Williams	Color: Delft SW9134 Formula/Finish: Latex Eggshell
P4	Soffit Paint	GYP Soffits-Accent	Sherwin Williams	Color: Riverway SW6222 Formula/Finish: Latex Eggshell
P5	Ceiling Paint	GYP Ceilings	Sherwin Williams	Color: Ceiling Bright White SW7007 Formula/Finish: Latex Eggshell
P6	Metal Paint	Door Frames: Inter. Metal Doors, Metal Door Lite, Laminate Door Lite	Sherwin 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.
P7	Detail Paint	Storage/ Supply	Sherwin Williams	Color: SW6868 Real Red Formula/Finish: Latex Eggshell
PWT1	Porcelain Wall Tile	Walls-Field	Emser Tile	Pattern: Milestone Color: Moon Size: 12"x24" Grout: Laticrete, Spectralock Pro Premium Grout Color: Light Pewter 90 Grout Joint: 1/8"
WC1	Porcelain Wall Tile	Board Rooms	MDC	Pattern: Rafter MRE1744 Color: Blue Cargo Type II

METAL TRIM

CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
SCH1	Tile Cove Piece	Walls-Tile	Schluter Systems	Dilex-AHK Finish: Brushed Nickel Anodized Aluminum
SCH2	Tile Edge Trim	Walls-Tile	Schluter Systems	Jolly Aluminum Finish: Brushed Nickel Anodized Aluminum

BASE

CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
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 inside corners. Do NOT use pre-molded outside corners.
RB2	Rubber Base	Walls-upgraded	Mannington	Style: Edge Effects, Sophisticate EESOP rubber wall base Height: 4.25"H Color: Mocha Adhesive: Manufacturer Recommended Notes: Miter cut all joints. Utilize matching caulk when installed on top of hard surface.

FLOORING

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 Edge 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

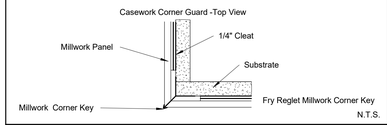
FLOORING TRANSITION STRIPS

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

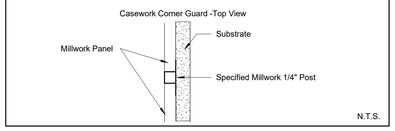
CASEWORK

CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
DCP1	Decorative Polyresin Panel	Reception Desk	3form	Varia Ecoresin Color: Speciality 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.

MILLWORK CORNER DETAIL



MILLWORK EDGE DETAIL



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"

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STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002106

DATE SIGNED: 05.29.25

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AUTHORITY HAVING JURISDICTION:
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MISSOURI DHSS

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0972400009

AGENCY APPROVALS:

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JOB NUMBER:	6406.24

GENERAL FINISH SPECIFICATIONS AND NOTES

AF001

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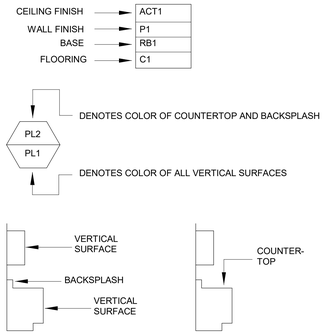
FINISH SELECTIONS AND GENERAL NOTES

LEGEND



ETR= Existing finishes are to remain
PM= Patch and Match existing finishes
NIS= Not in Scope
UON= Unless Otherwise Noted

GENERAL NOTES

1. All work shall be guaranteed against defects for one year.
2. 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.
3. 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.
4. Thoroughly clean all light lens and ceiling air diffusers after construction work is complete.
5. 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.
6. 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 furniture plan.
8. For all products installed, note industry standards and manufacturer specifications for installation.
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.
12. Final Clean Up: The contractor shall coordinate with the project schedule to 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.
13. NO SUBSTITUTIONS OF SPECIFIED FINISHES WILL BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE INTERIOR DESIGNER.

A: GENERAL FINISHES

1. Refer to attached drawings for further clarification of work to be performed and/or for floorplan layout of facility.
2. 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:	Provide 1 (one) full carton for each product type used.
Interior Paint:	Provide 1 (one) gallon per type/color/finish. Each container MUST have the formula clearly indicated.
Porcelain Tile:	Provide 3% overage per type/color/finish/size.
Rubber Base:	Provide 8 linear feet per type/color for every 500 linear feet installed, or a minimum of 8 linear feet.
Carpet (Modular)	Provide 5% overage per type/color, or a minimum of 1 box of each used.
Luxury Vinyl Tile:	Provide 1 (one) box per type/color for every 50 boxes installed, or a minimum of 1 (one) box.

3. 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.
5. If casework does not have a finish call-out symbol, the selection will be made in the shop drawings.
6. Wood grain laminates are to be installed so that the grain runs in a vertical direction, unless otherwise noted on architectural casework drawings.
7. The window stool material is to be: Solid Surface
   7.1 The window stool finish is to be: SS2
8. 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

1. When installing lay-in ceilings, lay out grid in room so that cut tiles at perimeter are no less than 9" wide.
2. 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"
3. Edges of cut ceiling tiles are to be painted with ceiling manufacturer's matching touch up paint.
4. 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

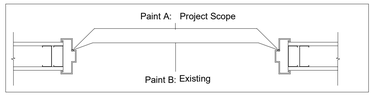
1. Prior to the application of paint, the contractor is to repair new or existing surfaces by patching, smoothing and sanding as needed to achieve a surface acceptable for the application of new finish. Prepare door frames or metal surfaces by sanding by chips/burrs, filling dents and caulking cracks at corners as required.
2. Miscellaneous metal (return and air supply grilles, expansion joints, etc) located on wall surface is to be painted to match the adjacent wall color.
3. 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.
4. 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.
5. Caulk all plumbing fixtures, millwork and trim to adjacent surfaces. Color of caulk to match adjacent finish.
6. Typical Paint Finishes and Locations: These are "typicals" only. For all locations, refer to finish plans.

GYPSUM BOARD 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.

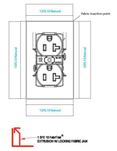
7. All prefinished store front windows or factory prefinished frames should not be painted unless otherwise directed architect or Interior Designer.
8. Paint all horizontal surfaces on soffits over upper casework to match the vertical wall unless otherwise noted. Soffits indicated to receive accent paint are to be painted on all three sides. THE BOTTOM OF THE SOFFIT IS TO BE PAINTED THE SAME ACCENT COLOR AS THE SOFFIT SIDES, NOT CEILING WHITE.
9. 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.



10. 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.
11. 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
12. 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

1. 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.

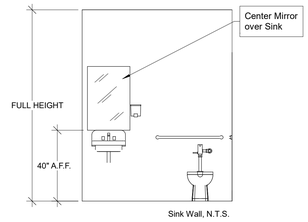


For panel specification and fabric selection and fabric selection(s), see MISCELLANEOUS sections. For locations, see finish plans.

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

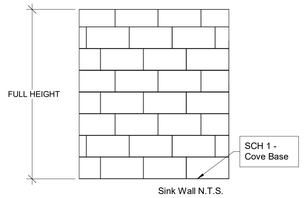
E: TILE

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

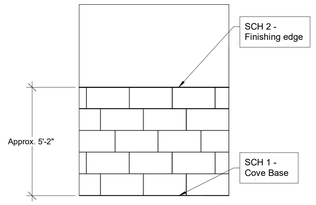


Sink Wall, N.T.S.

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

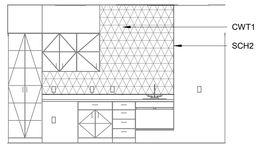


Sink Wall N.T.S.



Remaining Toilet Walls N.T.S.

Wall Tile Key:
PWT1



1 BREAK/NOURISH
1/4" = 1'-0"

Wall Tile Key:
CWT1

F: SIGNAGE

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

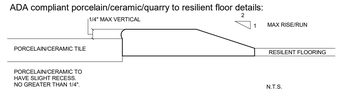
1. See signage sheets for verbiage schedule and location plan.
2. GC to review package with end user prior to submittal, Note on submittal whether or not this has been approved/reviewed with end user.
3. GC to have a 5% allowance for unforeseen changes to signage during submittals.
4. Proposed sign styles 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.
5. It is the sign vendor's responsibility to meet all local, state and federal codes.
4. 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.
6. Signage Requirements:
   A. ADA compliant with Braille where required.
   B. Recommended contrast between background and verbiage is 70% minimum.
   C. Room/Information signs:
      a. Lettering height - minimum 5/8 - 2" maximum
      b. Pictograms - 6" minimum height with Braille below.
      c. Non glare finish.
   D. Overhead signage:
      Mounting Height - greater than 70" AFF to bottom of character.
      Character Height - 70" - 120" = 2" - 3."
      Non glare finish.

G: FLOORING

1. 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.
2. All sculptured rubber base is to be 4.25" H, straight sections. Miter inside and outside corners. Do NOT use premolded corners.
3. All reducer strips and other thresholds are to be located at the centerline of door when in a closed position, unless otherwise noted.
4. Utilize clear caulk to seal where flooring transition meets flooring, to eliminate gaps.
5. 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-to-material 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#

6. ADA compliant porcelain/ceramic/quarry to resilient floor details:

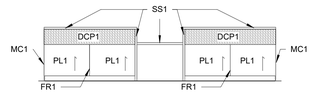


7. All floor transitions are to be taped or covered during construction, to protect the material until final completion.
8. Where new flooring or base is specified, the same flooring or base should extend into any closets, storage areas, etc. adjacent to that space unless otherwise noted.
9. For renovations, 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.
11. Manufacturer's recommended adhesive is to be based on application and concrete moisture %.
12. For HCA projects, all flooring should be purchased and tracked through Logistic Solutions and Mannington. See material contacts section for contact people.

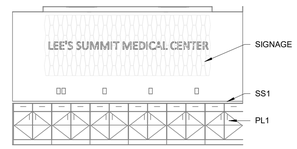
H: CASEWORK DESIGNS

Typical Casework Designs are to be as shown in elevations below. All Graining to run in the same direction, unless otherwise noted.

1. Reception Desk:



2 RECEPTION
1/4" = 1'-0"



3 RECEPTION ACCENT WALL
1/4" = 1'-0"

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STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002004

DATE SIGNED: 05.29.25

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REVISIONS		
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A	CITY - 2ND REVIEW	2025/05/29

DATE:	2025.04.18
SCALE:	As indicated
DRAWN:	PC
REVIEWED:	PF
JOB NUMBER:	6406.24

GENERAL FINISH SPECIFICATIONS AND NOTES

AF002

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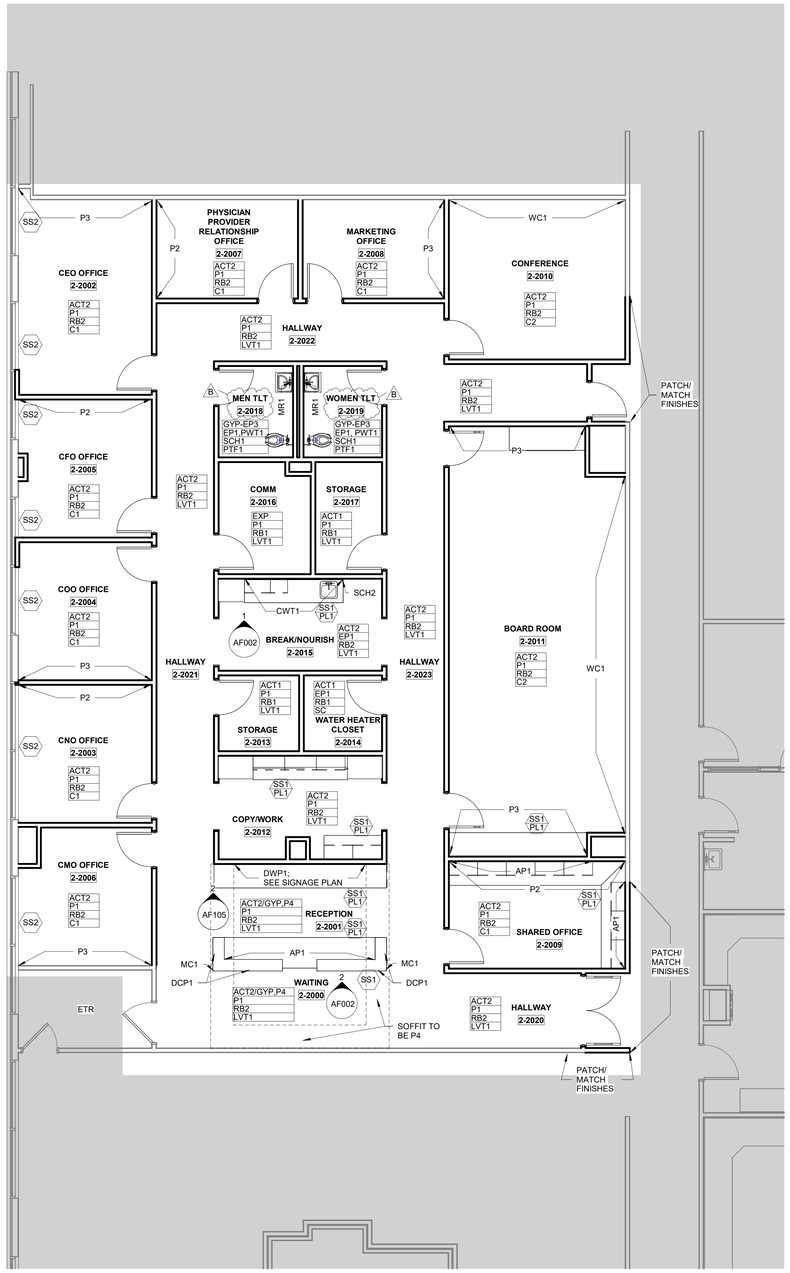
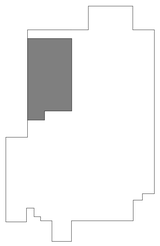


1 FINISH PLAN - LEVEL 1
3/16" = 1'-0"

KEY PLAN



LEVEL 1 - KEYPLAN

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FINISH FLOOR PLAN - LEVEL 1

AF101

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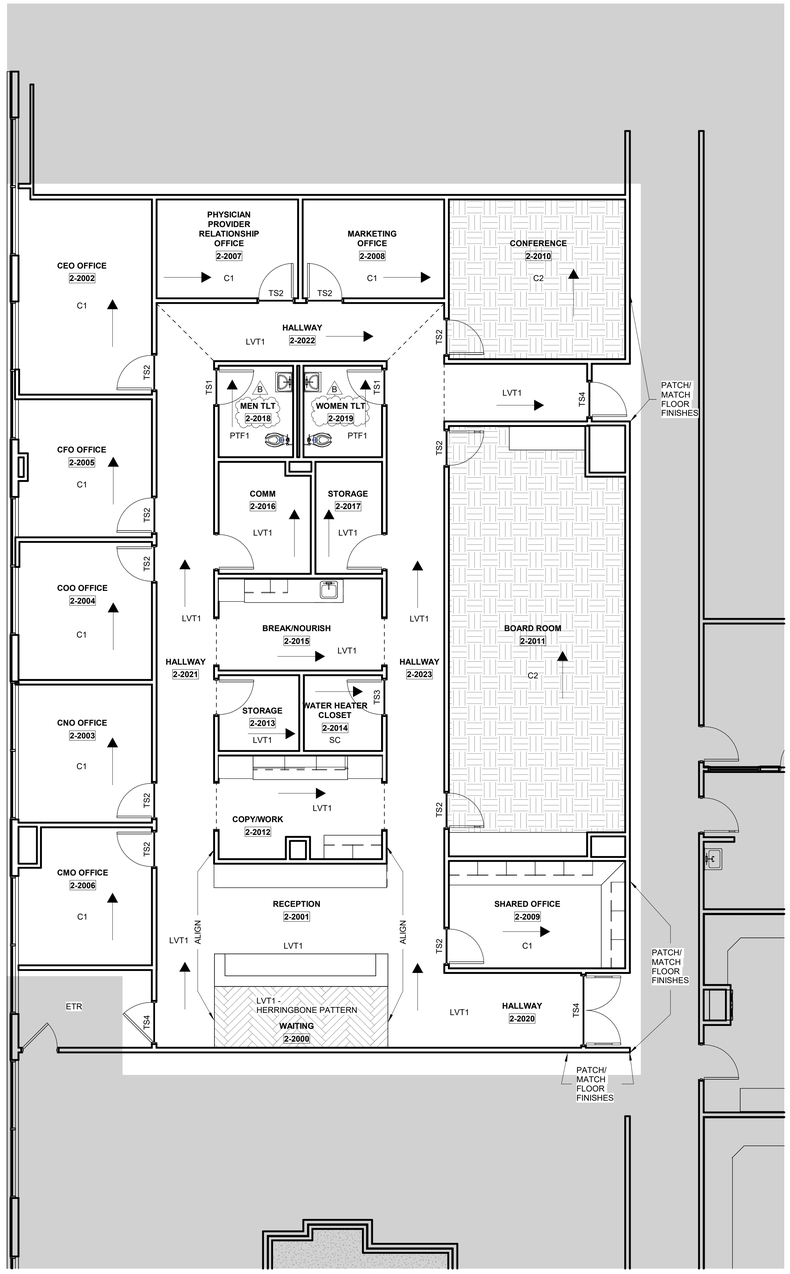


1 FLOOR PATTERN PLAN - LEVEL 1
3/16" = 1'-0"

FLOORING

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 Edge 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

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

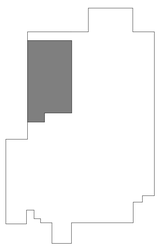
FLOORING LEGEND

TS — FLOORING TRANSITION TYPE

PLANK OR TILE DIRECTION

PATTERN DIRECTION CHANGE

KEY PLAN



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www.innerdesignstudio.com

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002549
DATE SIGNED: 07.18.25

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT
MEDICAL CENTER
2000 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
A	CITY - 2ND REVIEW	2025/05/29
B	CITY - 3RD REVIEW	2025/07/18

DATE:	2025.04.18
SCALE:	As indicated
DRAWN:	PC
REVIEWED:	PF
JOB NUMBER:	6406.24

FLOOR PATTERN PLAN - LEVEL 1

AF103

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center [LSMC]_rvt23/LSMC Admin Relocation_IDS_R23.rvt
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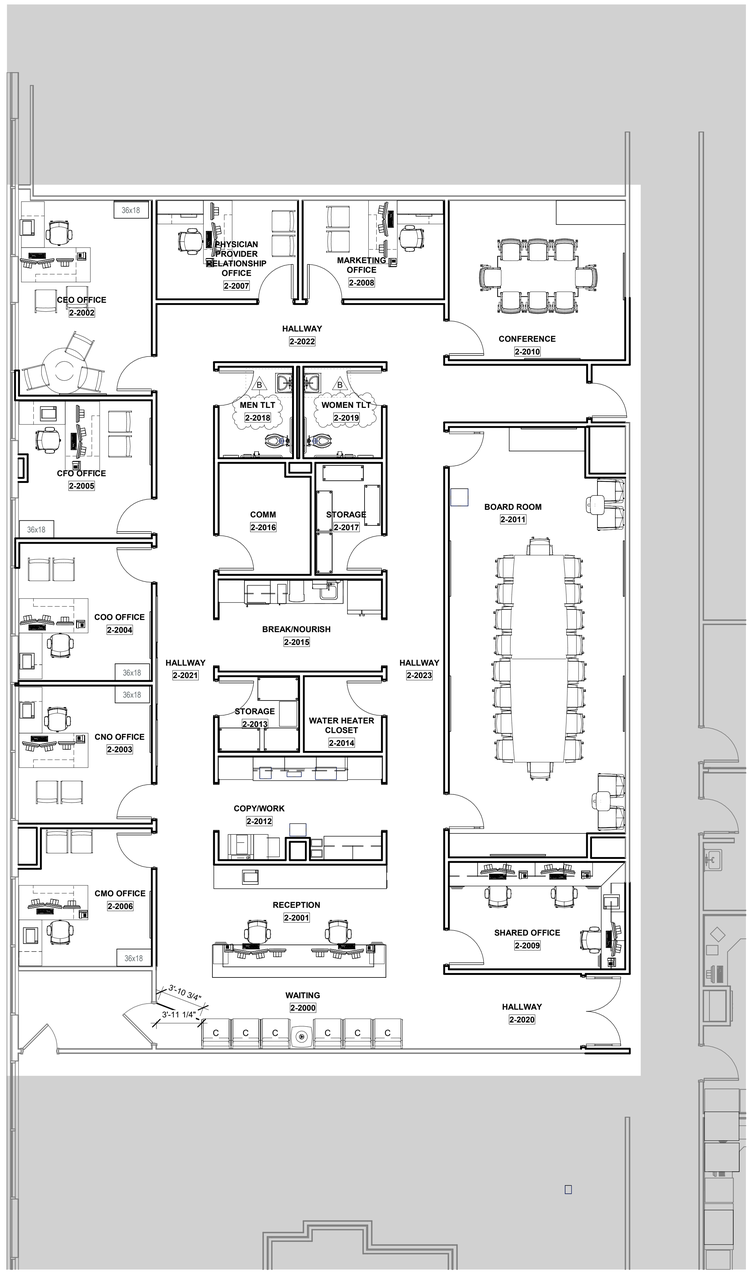
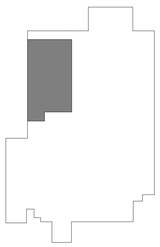


1 FURNITURE PLAN - LEVEL 1
3/16" = 1'-0"

KEY PLAN



LEVEL 1 - KEYPLAN

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www.innerdesignstudio.com

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DUDLEY C. CAMPBELL
NUMBER A-2021002549

DATE SIGNED: 07.18.25

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ADMINISTRATION RELOCATION

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MEDICAL CENTER
2000 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:

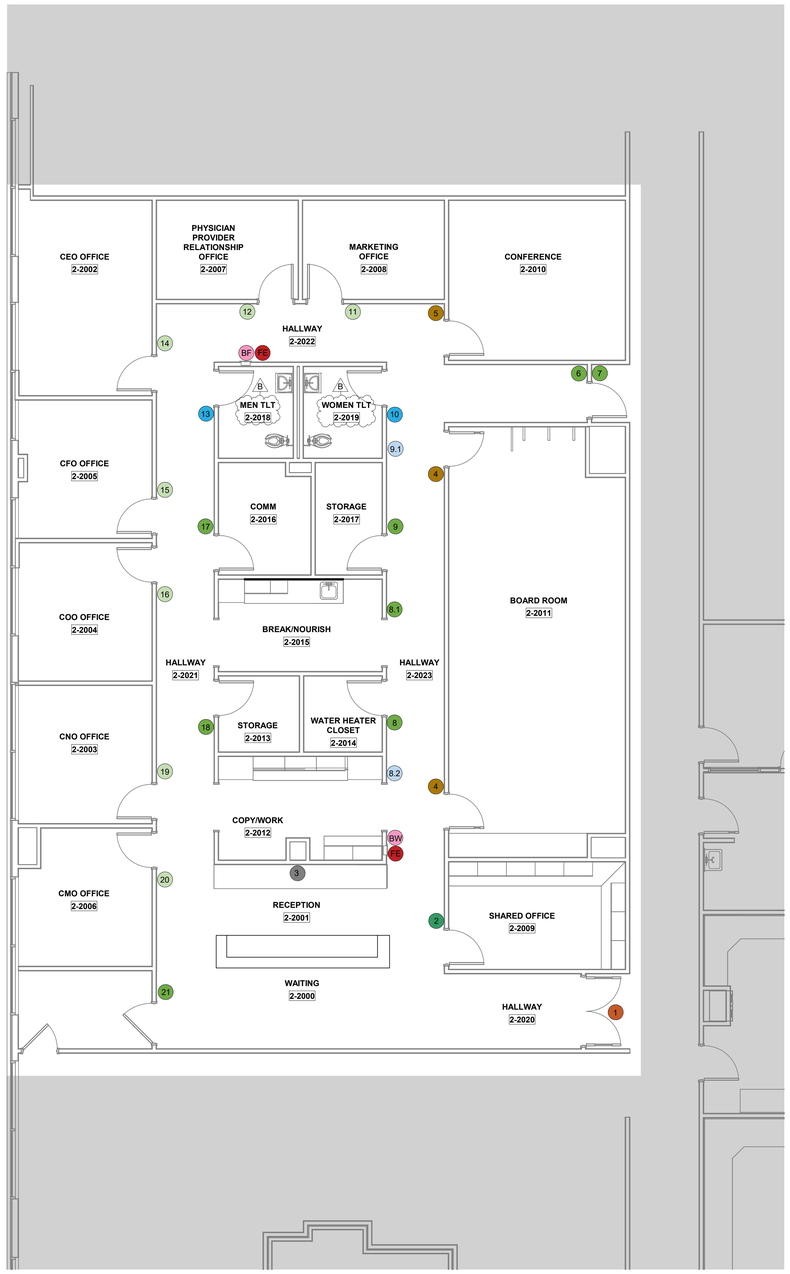
REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/05/29
B	CITY - 3RD REVIEW	2025/07/18

DATE:	2025.04.18
SCALE:	3/16" = 1'-0"
DRAWN:	PC
REVIEWED:	PF
JOB NUMBER:	6406.24

FURNITURE PLAN - LEVEL 1

AF104

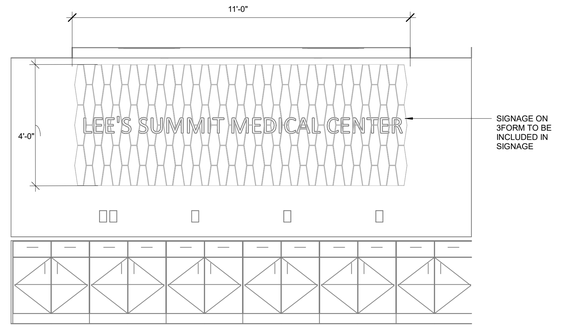
Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/LSMC Admin Relocation_ID5_f23.rvt
7/10/2025 2:13:29 PM



1 SIGNAGE PLAN - LEVEL 1
3/16" = 1'-0"

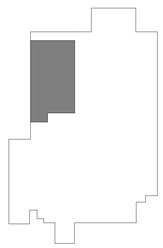
LOCATION	QTY.	FLOOR	INT-EXT.	TYPE	MESSAGE	SYMBOL	NOTES
ADMINISTRATION							
1	1	1	INT	V	ADMINISTRATION		VINYL DOOR?
2	1	1	INT	P4	OFFICE		FACILITY TO CONFIRM VERBIAGE
3	1	1	INT	M	HCA BRANDING SIGNAGE		FACILITY TO CONFIRM VERBIAGE
4	2	1	INT	D	BOARDROOM		DIGITAL SIGN; COORDINATE WITH FACILITY AND ELEC ENGINEER
5	1	1	INT	D	CONFERENCE		DIGITAL SIGN; COORDINATE WITH FACILITY AND ELEC ENGINEER
6	1	1	INT	P	EXIT		
7	1	1	INT	P	STAFF ONLY		FACILITY TO CONFIRM VERBIAGE
8	1	1	INT	P	ELEC/WATER HEATER		FACILITY TO CONFIRM VERBIAGE
8.1	1	1	INT	P	BREAK/NOURISH		FACILITY TO CONFIRM VERBIAGE
8.2	1	1	INT	SD	BREAKROOM & RESTROOM		FACILITY TO CONFIRM VERBIAGE
9	1	1	INT	P	STORAGE		
9.1	1	1	INT	SD	BREAKROOM & LOBBY		FACILITY TO CONFIRM VERBIAGE
10	1	1	INT	S	RESTROOM	FEMALE/MALE/ HANDICAP	
11	1	1	INT	P3	MARKETING		NAME SLOT
12	1	1	INT	P3	PHYSICIAN PROVIDER RELATIONSHIP		NAME SLOT/FACILITY TO CONFIRM VERBIAGE
13	1	1	INT	S	RESTROOM	FEMALE/MALE/ HANDICAP	
14	1	1	INT	P3	CEO		NAME SLOT
15	1	1	INT	P3	CFO		NAME SLOT
16	1	1	INT	P3	COO		NAME SLOT
17	1	1	INT	P	COMMUNICATION		
18	1	1	INT	P	STORAGE		
19	1	1	INT	P3	CNO		NAME SLOT
20	1	1	INT	P3	CMO		NAME SLOT
21	1	1	INT	P	TBD		
	2	1	INT	BW	FIRE EXTINGUISHER		BLADE
C	2	1	INT	FE	FIRE EVACUATION MAPS		LOCATE AS REQUIRED BY FIRE MARSHAL

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



2 M - RECEPTION ACCENT SIGNAGE
1/2" = 1'-0"

KEY PLAN



LEVEL 1 - KEYPLAN

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STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002549
DATE SIGNED: 07.18.25

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT MEDICAL CENTER
2000 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
A	CITY - 2ND REVIEW	2025/05/29
B	CITY - 3RD REVIEW	2025/07/18
C	DESIGN COORDINATION	2025/07/18

DATE:	2025.04.18
SCALE:	As indicated
DRAWN:	PC
REVIEWED:	PF
JOB NUMBER:	6406.24

SIGNAGE PLAN - LEVEL 1

AF105

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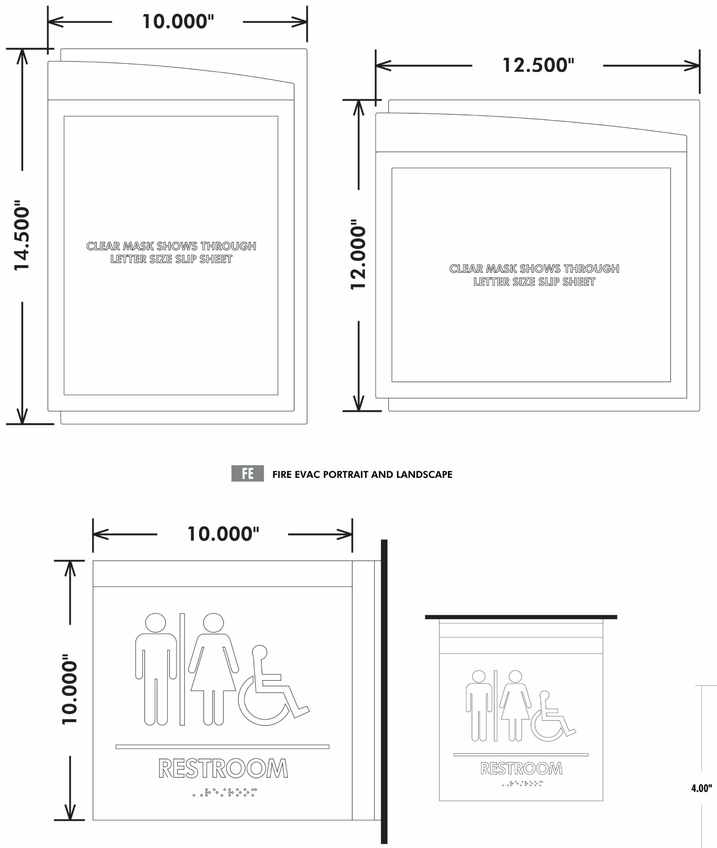
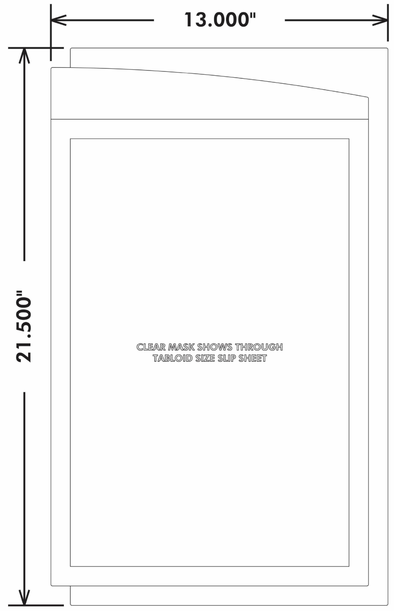
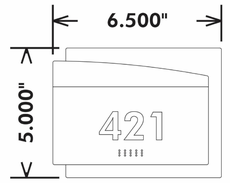
FOR REFERENCE ONLY - SIGNAGE TO MATCH FACILITY STANDARDS

STANDARD SYMBOLS



FE FIRE EVAC PORTRAIT AND LANDSCAPE





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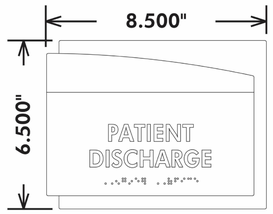
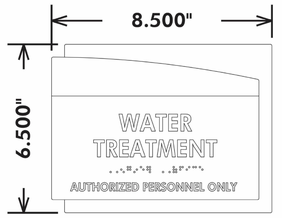


P ROOM ID SIGN



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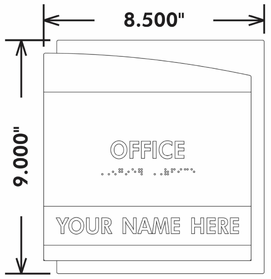
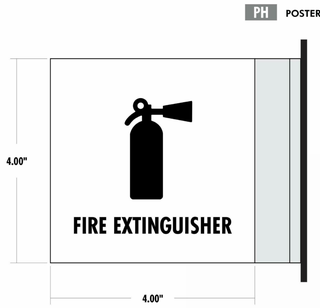
W/ SUBCOPY

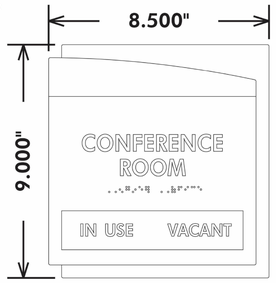


P3 ROOM ID SIGN
W/ NAME SLIDER

PS PROJECTING SIGN
CEILING AND WALL
MOUNTED

PH POSTER HOLDER





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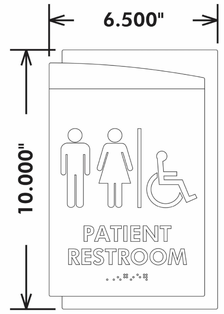
W/ IN USE SLIDER



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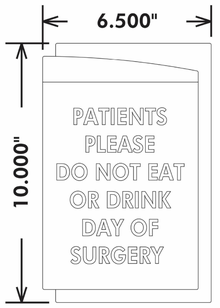

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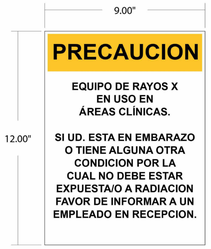
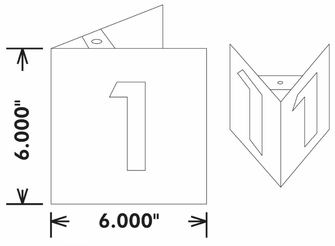
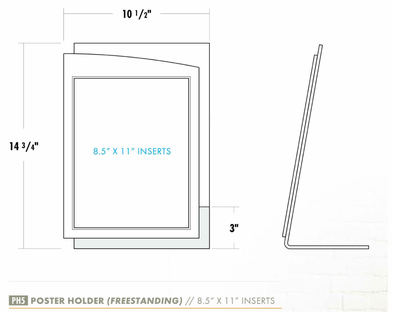


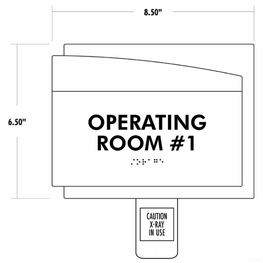


TRI TRIANGULAR WALL
MOUNTED SIGNS

BW BLADEWALL / 4"



PHS POSTER HOLDER *(FREESTANDING)* // 8.5" X 11" INSERTS



PIA PATIENT INDICATOR / WITH ALERTTAB

I INFORMATIONAL SIGN

WHITE
BLACK
YELLOW

Devenney Group Ltd., Architects

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Ave. Suite 106
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615.321.0696
www.innerdesignstudio.com

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021035126
REGISTERED ARCHITECT

DATE SIGNED: 05.29.25

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT
MEDICAL CENTER
2000 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
A	CITY - 2ND REVIEW	2025/05/29

DATE:	2025.04.18
SCALE:	
DRAWN:	PC
REVIEWED:	PF
JOB NUMBER:	6406.24

SIGNAGE KEY

AF106

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/LSMC Admin Relocation_IDS_R23.rvt
6/3/2025 3:07:21 PM

FOR REFERENCE ONLY - SIGNAGE TO MATCH FACILITY STANDARDS

BENNU
ARCHITECTURAL SIGNAGE

PREPARED BY
TONY HATCHELL
BENNU ENTERPRISES, INC.
615.522.4588

DATED 03-22-2017

STANDARD SYMBOLS

STANDARD TYPEFACE
FUTURA HEAVY BT

ABCDEFGHI
JKLMNOPQ
RSTUVWXY

SIGN FAMILY:

ZEUS

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

INSTALL I.S. SIGNS SO THAT TOP LINE OF BRAILLE TO BE AT 60"

TYPICAL SIGN PROGRAM PLACEMENTS SHOWN

Devenney Group Ltd., Architects

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STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002106

DATE SIGNED: 05.29.25

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ADMINISTRATION
RELOCATION

HCA - LEE'S SUMMIT
MEDICAL CENTER
2000 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
A	CITY - 2ND REVIEW	2025/05/29

DATE:	2025.04.18
SCALE:	
DRAWN:	PC
REVIEWED:	PF
JOB NUMBER:	6406.24

SIGNAGE KEY

AF107

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/LSMC Admin Relocation_105_R23.rvt
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PLUMBING NOTES

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 OTHER TRADES.

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.

I. THE CONTRACTOR SHALL REMOVE ALL EXCESS MATERIAL AND DEBRIS AND CLEAN ALL EQUIPMENT AND FIXTURES UPON COMPLETION OF THE PROJECT.

J. 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.

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" DRAWINGS.

T. SLOPE AND ARRANGE WATER PIPING SYSTEMS TO ESTABLISH HIGH POINTS FOR AIR ELIMINATION AND LOW POINTS TO PERMIT PROPER DRAINING OF EACH SECTION.

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 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.

Z. 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 EYER 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.

PLUMBING ABBREVIATIONS

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
GC	GENERAL CONTRACTOR	WB	WALL BOX
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.

E. THE CONTRACTOR SHALL REPLACE ALL DAMAGED CEILING TILES AND REPAIR ALL DAMAGED WALL FINISHES DURING DEMOLITION WORK.

F. PROVIDE ADDITIONAL VALVES, FITTINGS AND/OR PIPING AS NECESSARY TO PROVIDE UNINTERRUPTED SERVICE TO AREAS OUTSIDE AND INSIDE OF THE AREA WHERE WORK IS BEING PERFORMED.

G. INFORMATION PROVIDED ON THESE DRAWINGS HAS BEEN TAKEN FROM DESIGN DRAWINGS AND FIELD OBSERVATIONS. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO PRICING AND COMMENCEMENT OF WORK.

H. ALL EXISTING PIPING THAT IS CAPPED OFF OR PLUGGED DURING DEMOLITION SHALL BE CHECKED FOR LEAKS.

I. 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.

J. 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 CRITERIA

LOCATION:

CITY/STATE: LEE'S SUMMIT, MO

APPLICABLE CODES:

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

PLUMBING PIPING MATERIAL SCHEDULE

DOMESTIC WATER

ABOVE GROUND PIPING NPS 2 AND SMALLER

1. HARD COPPER TUBE: ASTM B 88, TYPE L WATER TUBE, DRAWN TEMPER
2. HARD COPPER TUBE, ASTM B 88, TYPE L; COPPER PRESSURE-SEAL FITTINGS; AND PRESSURE-SEAL JOINTS.

UNDER-BUILDING-SLAB, DOMESTIC WATER PIPING, NPS 2 AND SMALLER

1. SOFT COPPER TUBE, ASTM B 88, TYPE K; NO JOINTS BELOW GRADE.

SANITARY WASTE AND VENT

ABOVE GROUND SOIL AND WASTE PIPING

1. SERVICE CLASS, CAST-IRON SOIL PIPE AND FITTINGS; GASKETS; AND GASKETED JOINTS.
2. HUBLESS CAST-IRON SOIL PIPE AND FITTINGS; HEAVY-DUTY SHIELDED, STAINLESS-STEEL COUPLINGS; AND HUBLESS-COUPLING JOINTS.
3. COPPER DWV TUBE, COPPER DRAINAGE FITTINGS, AND SOLDERED JOINTS.

ABOVE GROUND VENT PIPING

1. SERVICE CLASS, CAST-IRON SOIL PIPE AND FITTINGS; GASKETS; AND GASKETED JOINTS.
2. HUBLESS CAST-IRON SOIL PIPE AND FITTINGS; HEAVY-DUTY SHIELDED, STAINLESS-STEEL COUPLINGS; AND HUBLESS-COUPLING JOINTS.
3. COPPER DWV TUBE, COPPER DRAINAGE FITTINGS, AND SOLDERED JOINTS.

UNDER GROUND SOIL AND WASTE PIPING

1. SERVICE CLASS, CAST-IRON SOIL PIPING; GASKETS; AND GASKETED JOINTS.
2. SOLID WALL PVC PIPE, PVC SOCKET FITTINGS, AND SOLVENT-CEMENTED JOINTS.

UNDER GROUND SOIL AND WASTE PIPING

1. SERVICE CLASS, CAST-IRON SOIL PIPING; GASKETS; AND GASKETED JOINTS.
2. SOLID WALL PVC PIPE, PVC SOCKET FITTINGS, AND SOLVENT-CEMENTED JOINTS.

B

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 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		PIPING CAPPED OFF
SS	SANITARY SEWERWASTE PIPING		BALANCING VALVE
— — —	SANITARY VENT PIPING		STRAINER
IW	INDIRECT WASTE	SA	SHOCK ARRESTOR
	CONNECT NEW TO EXISTING		HUB DRAIN (HD)
SD	STORM DRAIN PIPING		FLOOR DRAIN (FD)
OD	OVERFLOW STORM DRAIN PIPING	#	LEGEND NOTE
CA	COMPRESSED AIR PIPING	FOS	FUEL OIL SUPPLY PIPING
GW	GREASY WASTE	FOR	FUEL OIL RETURN PIPING
SSD	SUBSOIL/PERIMETER DRAIN PIPING	DFS	DRY FIRE STANDPIPE PIPING
	BUTTERFLY VALVE	SP	SPRINKLER PIPING
	BALL VALVE	DSP	DRY SPRINKLER PIPING
	GLOBE VALVE	F	FIRE PROTECTION PIPING
	TEMPERATURE AND PRESSURE RELIEF VALVE		CONNECT TO EXISTING
	GAS COCK / PLUG VALVE		DEMOLISH TO
	SOLENOID VALVE		
PRV	PRESSURE REGULATING VALVE		
AQ	AQUASTAT		
	CHECK VALVE		
	GATE VALVE		

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ADMINISTRATION RELOCATION

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A 2000 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

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MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:

REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/05/29
B	CITY - 3RD REVIEW	2025/07/18

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

GENERAL INFORMATION - PLUMBING

P00-00

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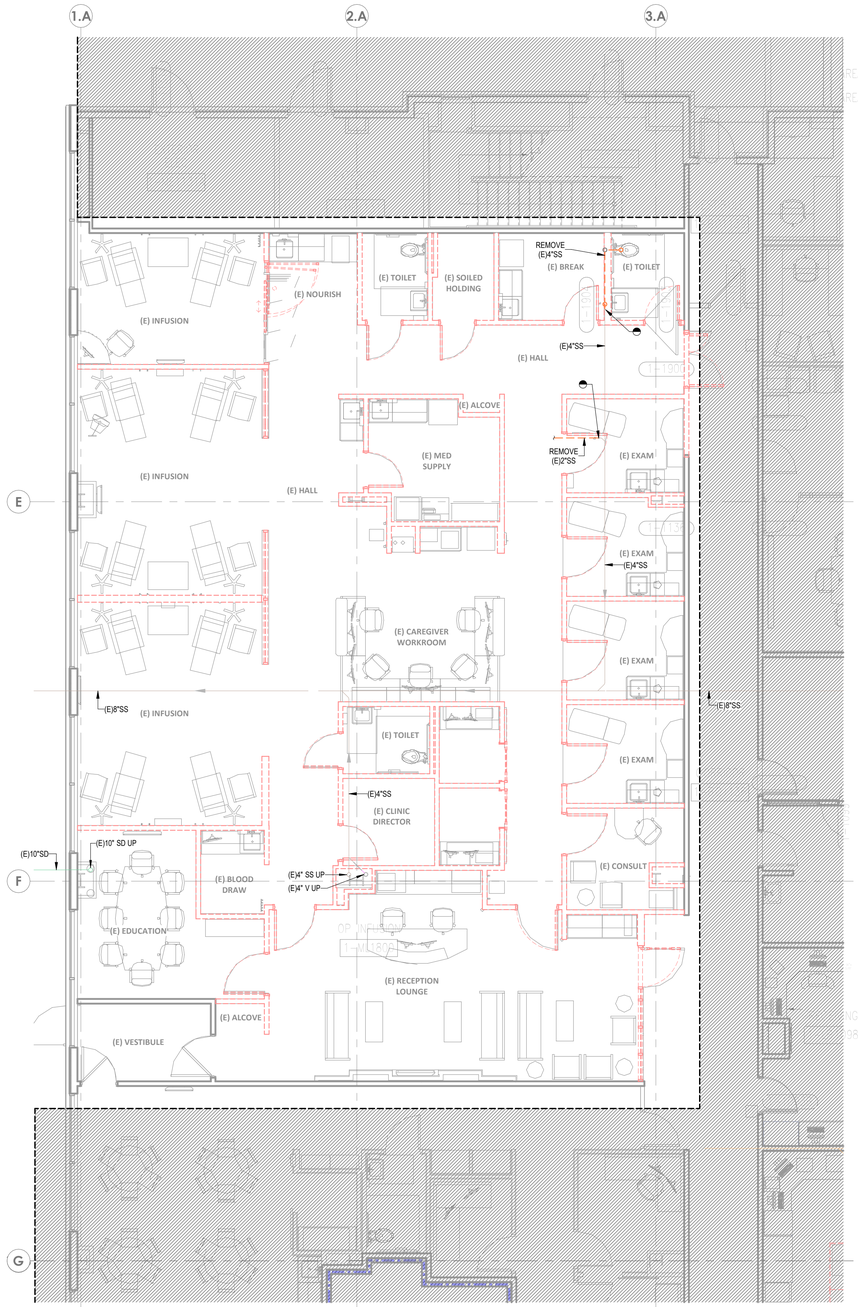
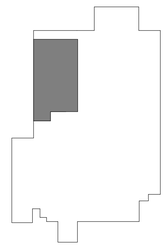
GENERAL NOTES

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



1 UNDERFLOOR DEMOLITION PLAN - PLUMBING
3/16" = 1'-0"

LEVEL 1 - KEYPLAN



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UNDERFLOOR DEMOLITION PLAN - ADMIN - PLUMBING

PD02-00

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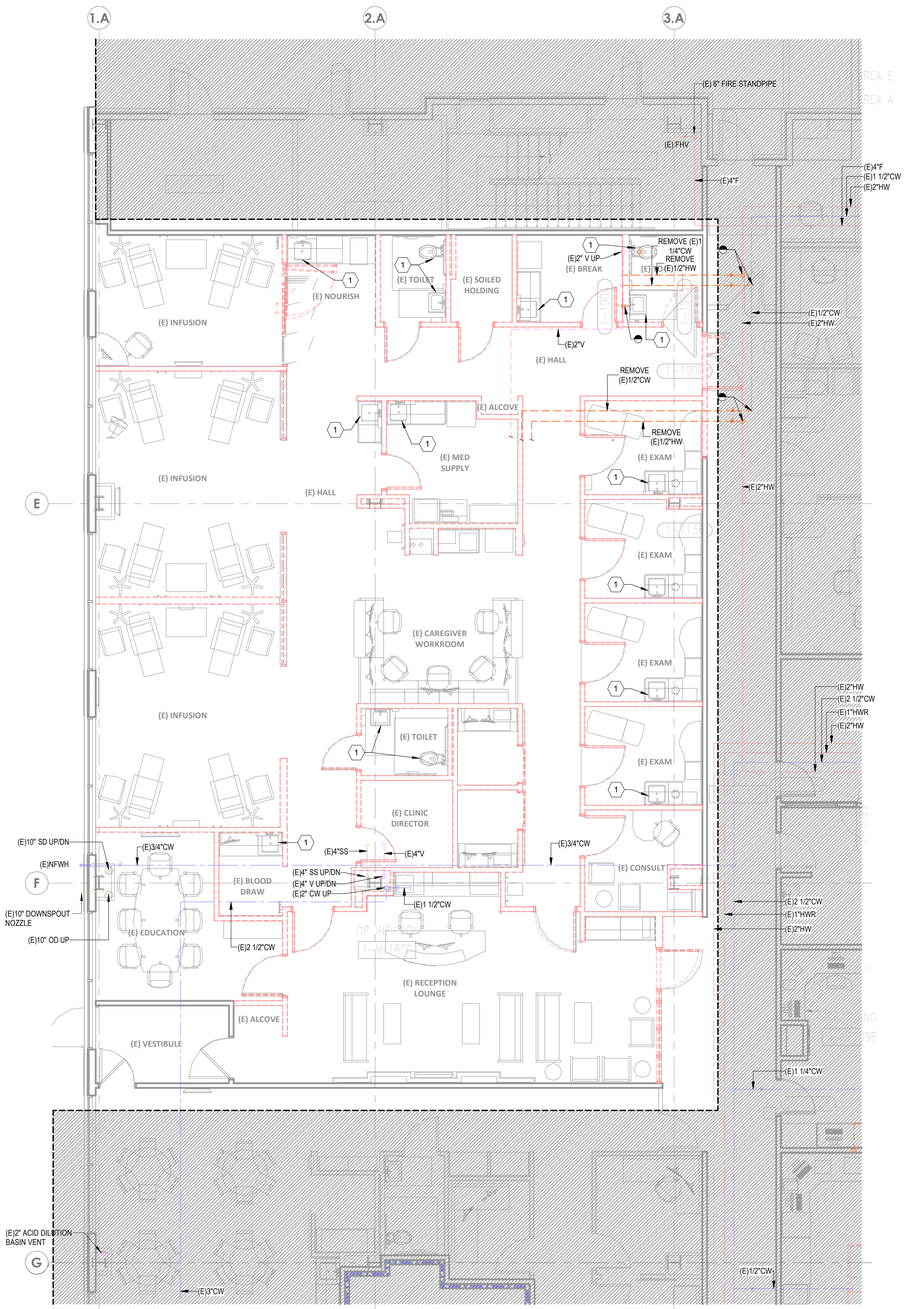
GENERAL NOTES

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

LEGEND NOTES

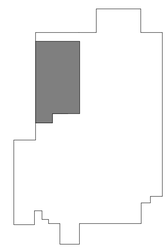
1. DEMOLISH EXISTING PLUMBING FIXTURE AND ASSOCIATED WATER, WASTE, AND VENT PIPING BACK TO MAIN AND CAP.



1 DEMOLITION PLAN - LEVEL 1 - ADMIN - PLUMBING

3/16" = 1'-0"

LEVEL 1 - KEYPLAN



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DEMOLITION PLAN - LEVEL 1 - ADMIN - PLUMBING

PD02-01

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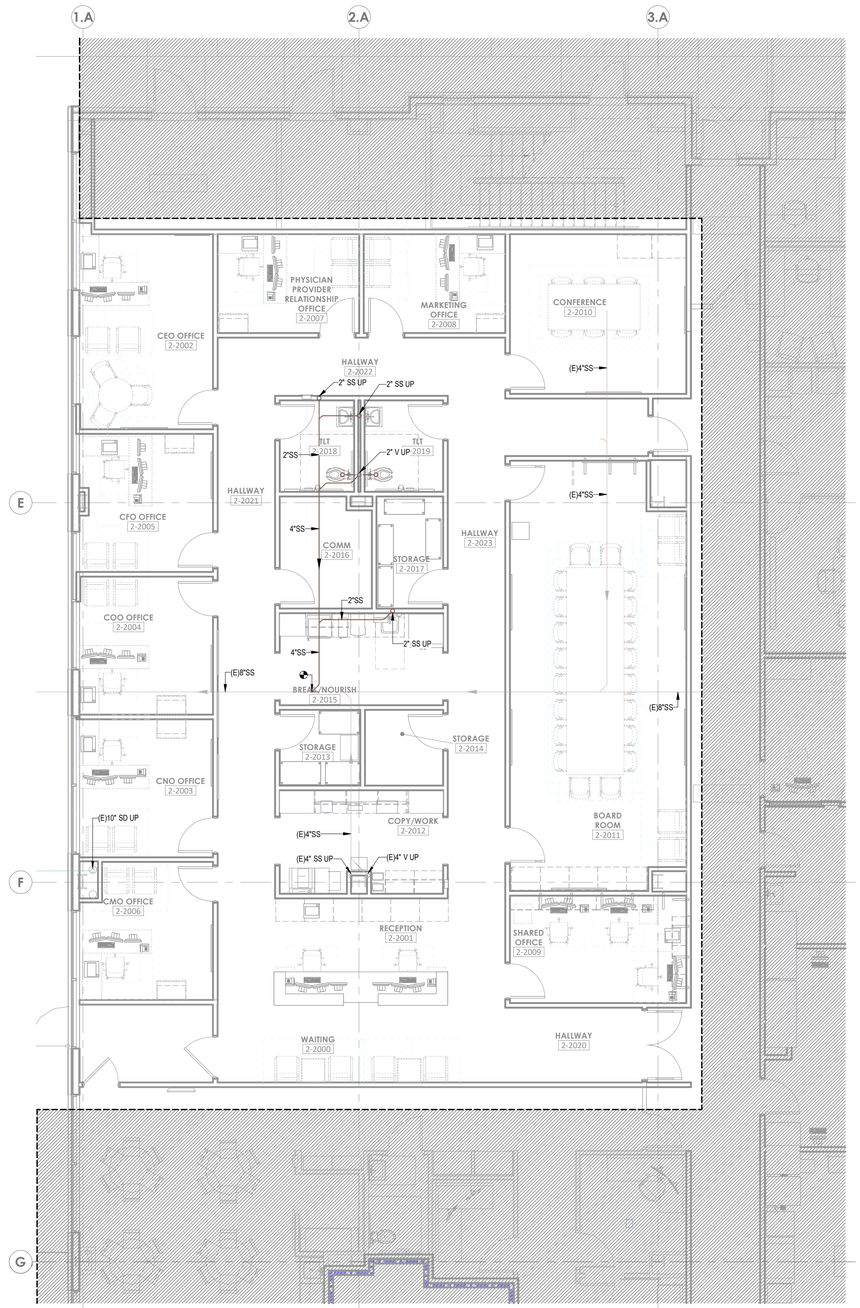
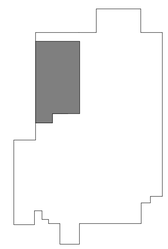


1 UNDERFLOOR PLAN - ADMIN - PLUMBING

3/16" = 1'-0"

LEVEL 1 - KEYPLAN



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05/29/2025

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UNDERFLOOR PLAN - ADMIN - PLUMBING

P02-00

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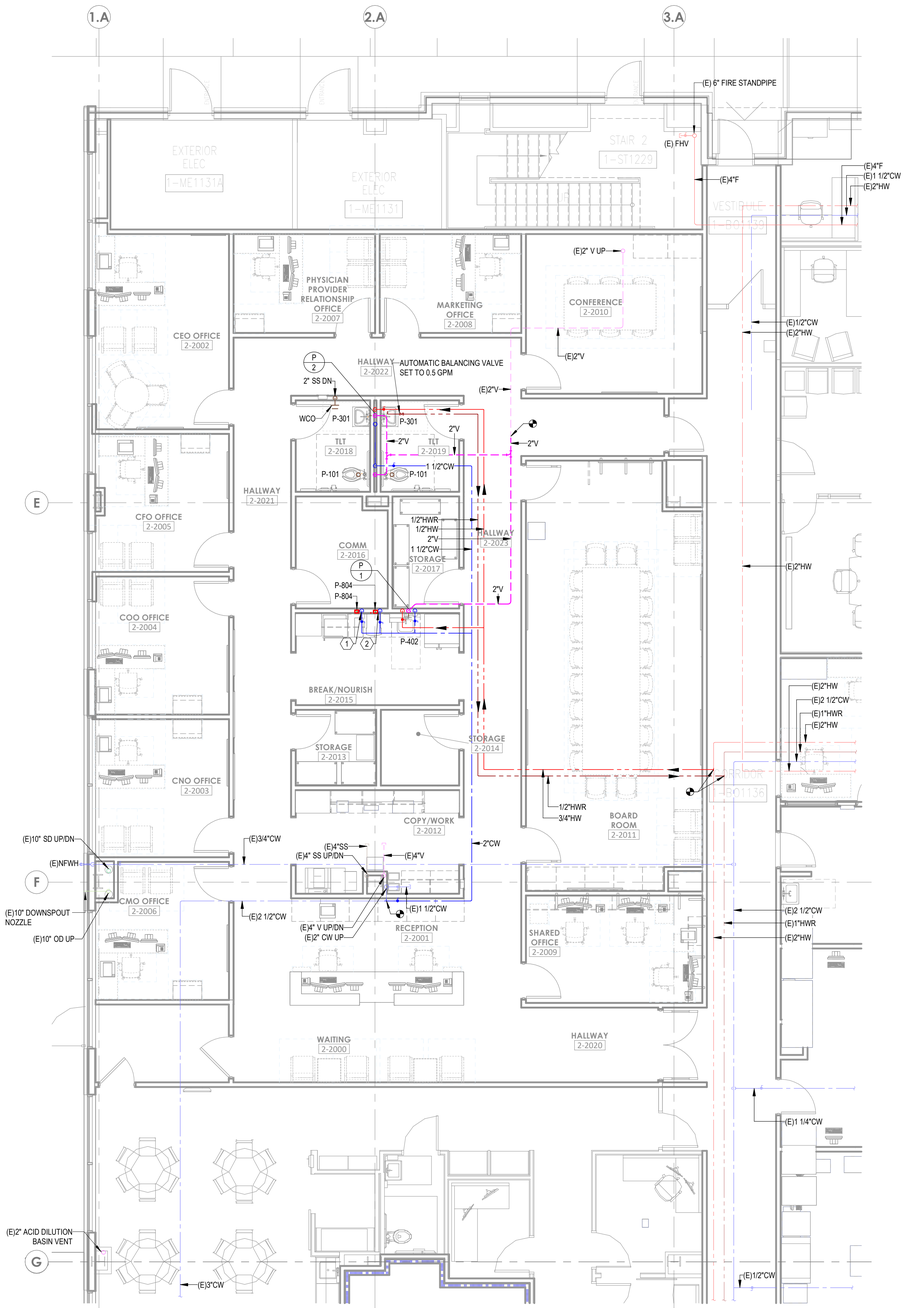
GENERAL NOTES

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

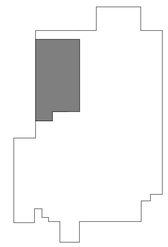
LEGEND NOTES

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



1 FLOOR PLAN - LEVEL 1 - ADMIN - PLUMBING
3/16" = 1'-0"

LEVEL 1 - KEYPLAN



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PROFESSIONAL ENGINEER
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MISSOURI DHSS

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0972400009

AGENCY APPROVALS:

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FLOOR PLAN - LEVEL 1 - ADMIN - PLUMBING

P02-01

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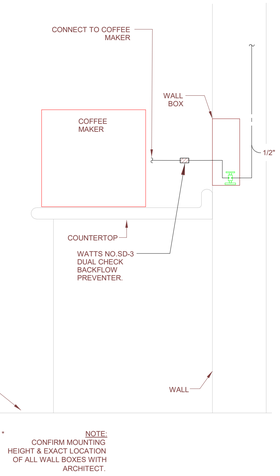
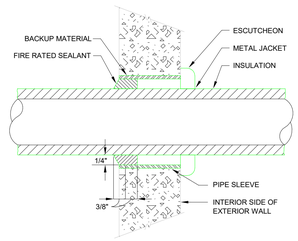
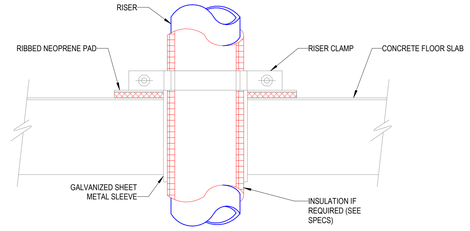


8 COFFEE MAKER DETAIL
NOT TO SCALE



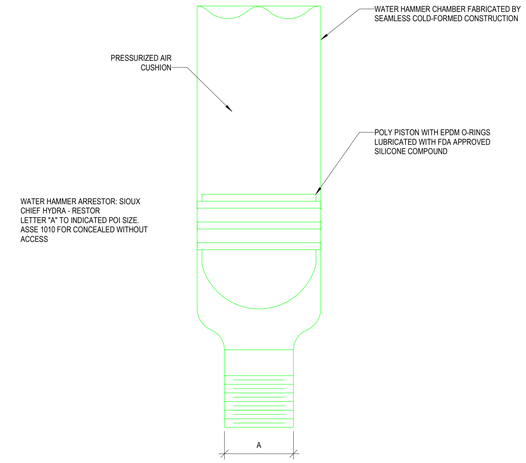
6 INSULATED PIPE THRU WALL - ABOVE GRADE
NOT TO SCALE

PLAN VIEW

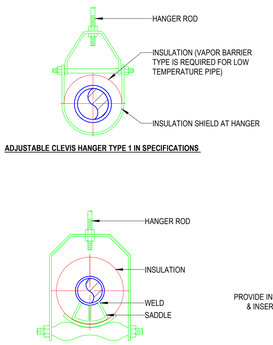


ELEVATION VIEW

3 TYPICAL FLOOR PENETRATION DETAIL
NOT TO SCALE

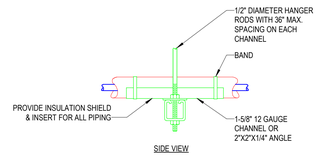


5 WATER HAMMER ARRESTOR (PISTON TYPE) DETAIL
NOT TO SCALE



ADJUSTABLE CLEVIS HANGER TYPE 1 IN SPECIFICATIONS

ADJUSTABLE ROLLER HANGER TYPE 43 IN SPECIFICATIONS

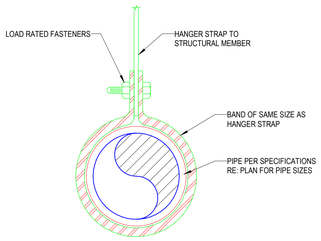


SIDE VIEW

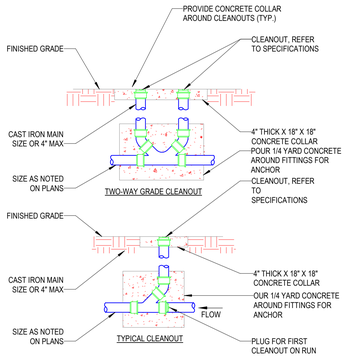
TRAPEZE HANGER FOR UP TO 1000 LB. UNIFORM LOAD

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

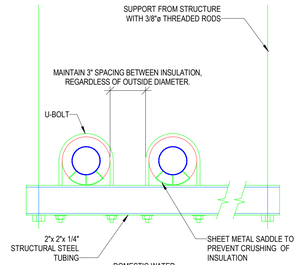
2 PIPE SUPPORT DETAILS
NOT TO SCALE



7 PIPE HANGER/SUPPORT DETAIL
NOT TO SCALE



4 CLEANOUT DETAILS
NOT TO SCALE



DOMESTIC WATER

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

1 TRAPEZE PIPE HANGER DETAILS
NOT TO SCALE

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DETAILS - PLUMBING

P07-01

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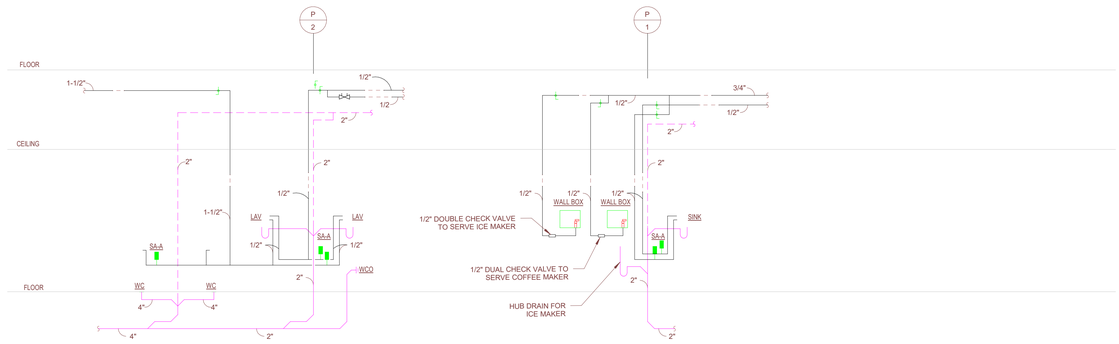

01 PLUMBING RISER DIAGRAMS
NO SCALE

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. PFTSCOF200WH, 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 BOX	-	-	1/2"	-	OATEY MODEL 39140 20 GAUGE STEEL ICE MAKER BOX WITH 1/4 TURN BALL VALVE AND WATER HAMMER ARRESTOR, LOW LEAD COMPLIANT.

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SCHEDULES - PLUMBING

P08-01

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GENERAL NOTES - ALL HVAC SHEETS

A. 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.

C. CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT, AND LABOR REQUIRED FOR A COMPLETE WORKING AND COORDINATED SYSTEM.

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 CONSTRUCTION.

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

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 O.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.

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

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.

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

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 PERFORMANCE AFTER CONSTRUCTION.

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.

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

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

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 ASSEMBLY SCREWED IN PLACE.

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

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 WORK IS BEING PERFORMED.

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

UPON FIRE ALARM ALL AIR HANDLING UNITS AND ASSOCIATED EXHAUST FANS SHALL SHUT DOWN BASED 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.

DESIGN CRITERIA

LOCATION: CITY/STATE	LEE'S SUMMIT, MISSOURI
APPLICABLE CODES:	
BUILDING	2018 IBC
MECHANICAL	2018 IMC
PLUMBING	2018 IPC
ENERGY	2018 IECC
ELECTRICAL	2017 NEC
FIRE	2018 IFC
LATITUDE: DEG. N. LAT.	38.9
LONGITUDE: DEG. W. LONG.	94.3
ELEVATION: FT. ABOVE SEA LEVEL	997
ASHRAE SUMMER DESIGN CONDITIONS:	
0.4% DRY BULB	89.9 °F
0.4% WET BULB	79.5 °F
ASHRAE WINTER DESIGN CONDITIONS	
99% WET BULB	3.9 °F
HCA DESIGN CRITERIA	-10 °F
BUILDING SPACE DESIGN TEMPERATURES	
SUMMER DB	72°F
WINTER DB	68°F
SUPPLY AIR TEMPERATURE: DEG. F. DRY BULB	55°F

MECHANICAL ABBREVIATIONS

AC	ABOVE CEILING	GEF	GENERAL EXHAUST FAN
AFF	ABOVE FINISHED FLOOR	HW	HEATING HOT WATER
AHU	AIR HANDLING UNIT	IBT	INVERTED BUCKET TRAP
AI	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	OUTSIDE AIR
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

CONTROL DIAGRAM SYMBOLS

SYMBOLS	DESCRIPTION
AI	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	FURNISHED BY	INSTALLED BY	POWER WIRING BY	CONTROL OR SUPERVISION WIRING BY
LIFE SAFETY SYSTEM	XXXXX	XXXXX	XX	XXXXX
SMOKE DAMPER/ACTUATOR	DIV 23	DIV 23	DIV 26	DIV 28
FIRE/SMOKE DAMPER/ACTUATOR	DIV 23	DIV 23	DIV 26	DIV 28
DUCT SMOKE DETECTOR	DIV 28	DIV 23	XX	DIV 28
NURSE CALL/FIRE ALARM INTERFACE	DIV 28	DIV 28	XX	DIV 28
FIRE SPRINKLER SYSTEM	DIV 21	DIV 21	DIV 26	DIV 28
WATERFLOW SWITCHES	DIV 21	DIV 21	XX	DIV 28
TAMPER SWITCHES	DIV 21	DIV 21	XX	DIV 28
SUPERVISORY CONTACTS	DIV 21	DIV 21	XX	DIV 28
MEDICAL GAS ALARM	DIV 22	DIV 22	DIV 26	DIV 28
MOTOR STARTERS (INTEGRAL TO EQUIP.)	DIV 22/23	XXXXX	DIV 26	DIV 23
MOTOR STARTERS (NON-INTEGRAL TO EQUIP.)	DIV 26	DIV 26	DIV 26	DIV 23
COMBINATION MOTOR STARTER/DISCONNECT (INTEGRAL TO EQUIP.)	DIV 22/23	XXXXX	DIV 26	DIV 23
COMBINATION MOTOR STARTER/DISCONNECT (NON-INTEGRAL TO EQUIP.)	DIV 23	DIV 26	DIV 26	DIV 23
VARIABLE FREQUENCY DRIVES (VFD'S)	DIV 26	DIV 26	DIV 26	DIV 23
DISCONNECT SWITCHES (NON-INTEGRAL TO EQUIP.)	DIV 26	DIV 26	DIV 26	XXXXX

NOTE 1: CONTROL OR SUPERVISORY WIRING FOR DISCONNECT SWITCHES WITH AUXILLARY CONTACTS FOR USE WITH VFD'S BY DIV. 23.
NOTE 2: DIVISION OF SCOPE BETWEEN TRADES IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
THIS TABLE IS PROVIDED AS A GUIDE TO THE DOCUMENT PREPARATION AND IN NO WAY INDICATES CONTRACTOR MEANS AND METHODS.

MECHANICAL SYMBOLS

ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS.
SYMBOLS ARE SHOWN SCHEMATICALLY AND MAY NOT BE TO SCALE.

SYMBOL	DESCRIPTION
A / #	NEW EQUIPMENT DESIGNATION (TOP - EQUIP. ABBREV., BOTTOM - MARK)
A / #	NEW DIFFUSER DESIGNATION (TOP - SCHEDULE DESIGN., BOTTOM - CFM)
	NEW EQUIPMENT
	EXISTING EQUIPMENT
	NEW DUCT
	EXISTING DUCT
	EXISTING DUCT TO BE REMOVED OR RELOCATED
	NEW SUPPLY DIFFUSER
	EXISTING SUPPLY DIFFUSER
	EXISTING SUPPLY DIFFUSER TO BE REMOVED OR RELOCATED
	NEW R/A GRILLE
	EXISTING R/A GRILLE
	EXISTING R/A GRILLE TO BE REMOVED OR RELOCATED
	NEW EXHAUST GRILLE
	EXISTING EXHAUST GRILLE
	EXISTING EXHAUST GRILLE TO BE REMOVED OR RELOCATED
	NEW SLOT DIFFUSER
	FLEXIBLE DUCT
	EXISTING SLOT 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
FSD	FIRE/SMOKE DAMPER
M	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
	VALVE VERTICAL
	UNION
V	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
	POINT OF DEMOLITION

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0972400009

AGENCY APPROVALS:

REVISIONS		
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DRAWN:	HO
REVIEWED:	JD
JOB NUMBER:	6406.24

GENERAL INFORMATION - MECHANICAL

M00-00

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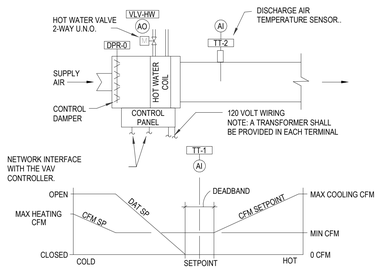
THE DDC SYSTEM SHALL CONNECT TO ANY ALARM RELAY AVAILABLE ON THE SPLIT SYSTEMS TO ECHO THE ALARMS THROUGH THE DDC SYSTEM. ALL POINTS TO BE TRENDED. SPLIT SYSTEMS SHALL RUN UNDER ITS OWN CONTROL TO MAINTAIN ROOM TEMPERATURE SETPOINT. TEMPERATURE OF THE ROOMS SERVED BY SPLIT SYSTEMS SHALL BE MONITORED 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)

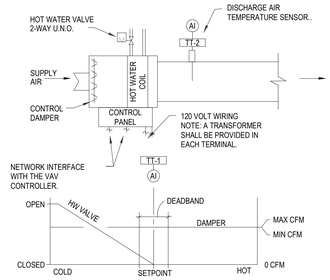
COOLING AND HEATING
WHEN THE SPACE TEMPERATURE, AS SENSED BY SPACE TEMPERATURE TRANSMITTERS (TT-1), IS BETWEEN THE HEATING AND COOLING SETPOINTS (FROM THE BAS) THE PRIMARY CFM SETPOINT WILL BE AT MINIMUM CFM AND THERE WILL BE NO MECHANICAL HEATING. ON A RISE IN ZONE TEMPERATURE ABOVE THE COOLING SETPOINT, 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
- CURRENT SPACE TEMPERATURE
- CFM SETTING
- CURRENT CFM
- DAMPER POSITION
- VALVE POSITION
- VAV DISCHARGE AIR TEMP

ALL POINTS SHALL BE TRENDED.



TYPICAL CONSTANT VOLUME BOX WITH HOT WATER REHEAT COIL

COOLING AND HEATING
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, THROUGH THE DDC, MODULATE OPEN THE HOT WATER VALVE.

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 THE MINIMUM CFM AS INDICATED ON THE DRAWINGS.

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

GAIN OF VAV DAMPER CONTROL SHALL NOT EXCEED 20%.

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

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:
- SPACE TEMPERATURE SETPOINT
- CURRENT SPACE TEMPERATURE
- CFM SETTING
- CURRENT CFM
- DAMPER POSITION
- VALVE POSITION
- VAV DISCHARGE AIR TEMPERATURE

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

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CONTROLS - MECHANICAL

M01-01

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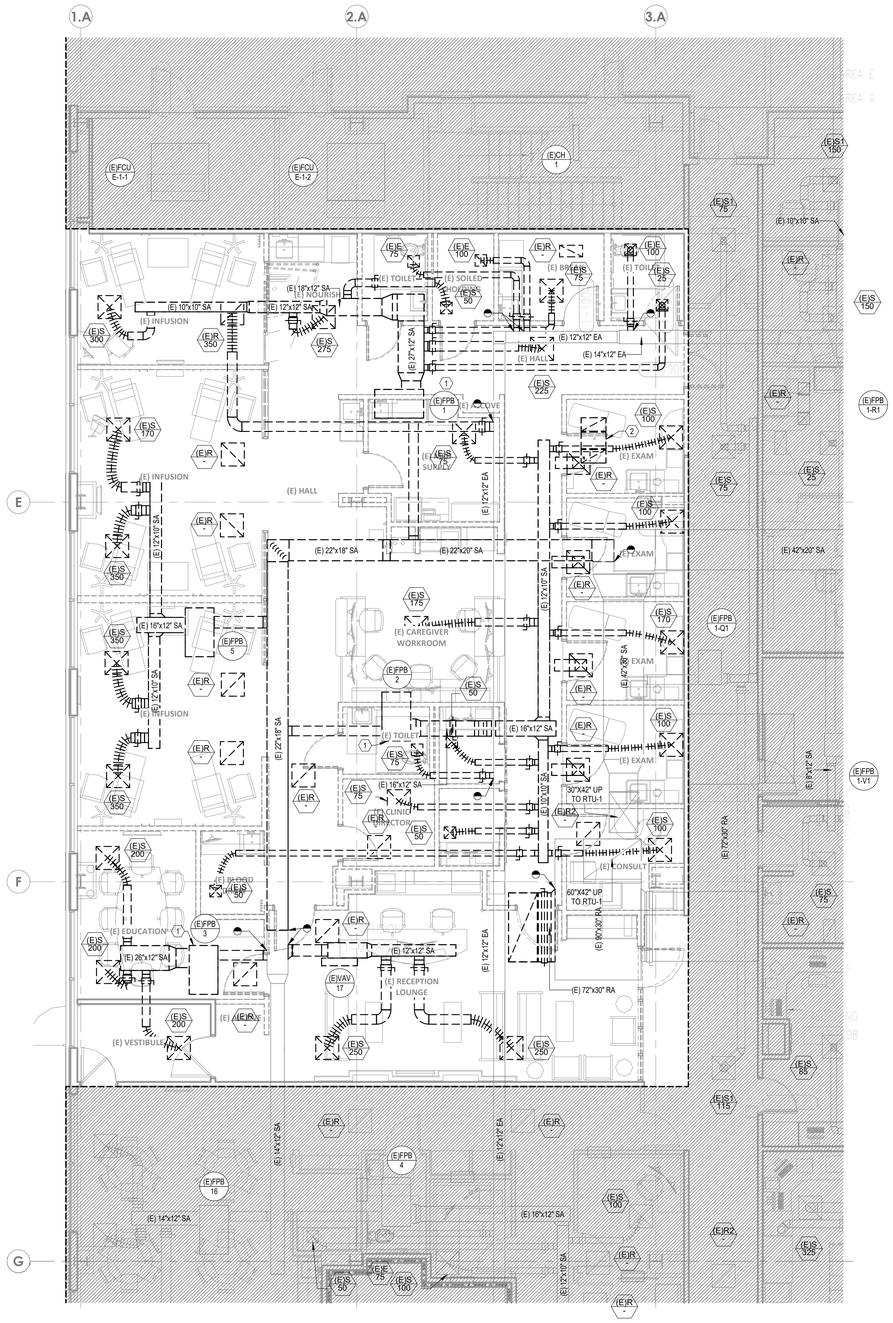


1 DEMOLITION PLAN - LEVEL 1 - ADMIN - HVAC

3/16" = 1'-0"

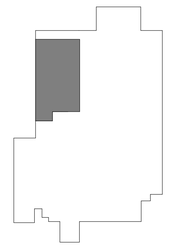
GENERAL DEMO NOTES

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 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

1. DEMOLISH THE FAN POWERED BOX AND ASSOCIATED INLET AND LOW PRESSURE DUCTWORK.
2. DEMOLISH RETURN TRANSFER DUCT.

LEVEL 1 - KEYPLAN



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DEMOLITION PLAN - LEVEL 1 - ADMIN - HVAC

MD02-01

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GENERAL NOTES

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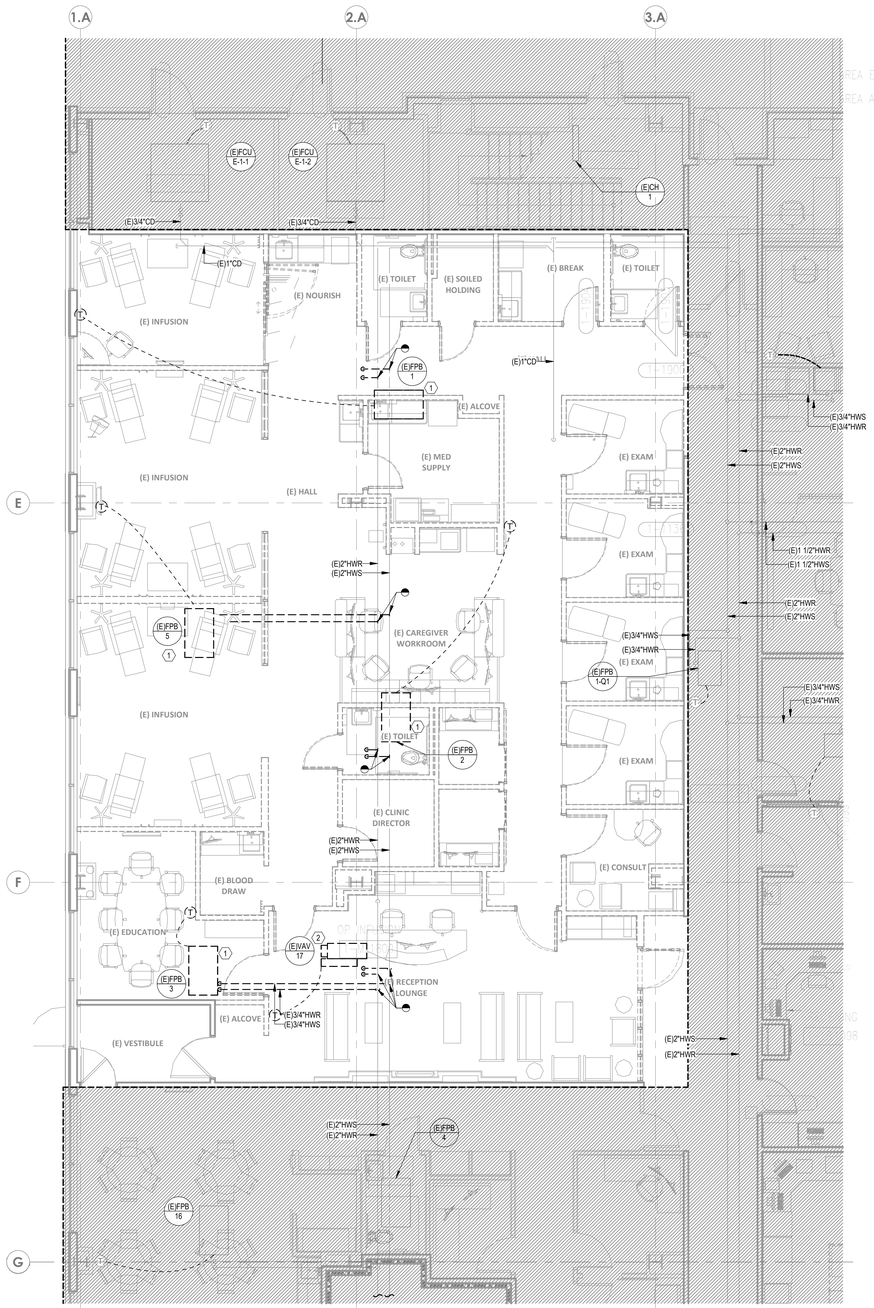
B. ALL EXISTING CONDITIONS INDICATED ON THESE DRAWINGS ARE BASED UPON A COMBINATION OF AVAILABLE RECORD DESIGN AND AS-BUILT DOCUMENTS.
C. PROVIDE CEILING ACCESS PANELS FOR ALL EQUIPMENT, COILS, ETC. THAT ARE LOCATED ABOVE HARD CEILINGS UNLESS NOTED OTHERWISE.

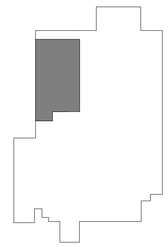
LEGEND NOTES

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



1 DEMOLITION PLAN - LEVEL 1 - ADMIN - HVAC PIPING
3/16" = 1'-0"

LEVEL 1 - KEYPLAN



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Consultant:

wsp

JONATHAN DECKERT NUMBER PE-2021039307
STATE OF MISSOURI PROFESSIONAL ENGINEER
05/29/2025
WSP USA Buildings Inc. 2013001881

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT MEDICAL CENTER
2000 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
A	CITY - 2ND REVIEW	2025/05/29

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

DEMOLITION PLAN - LEVEL 1 - ADMIN - HVAC PIPING

MD03-01

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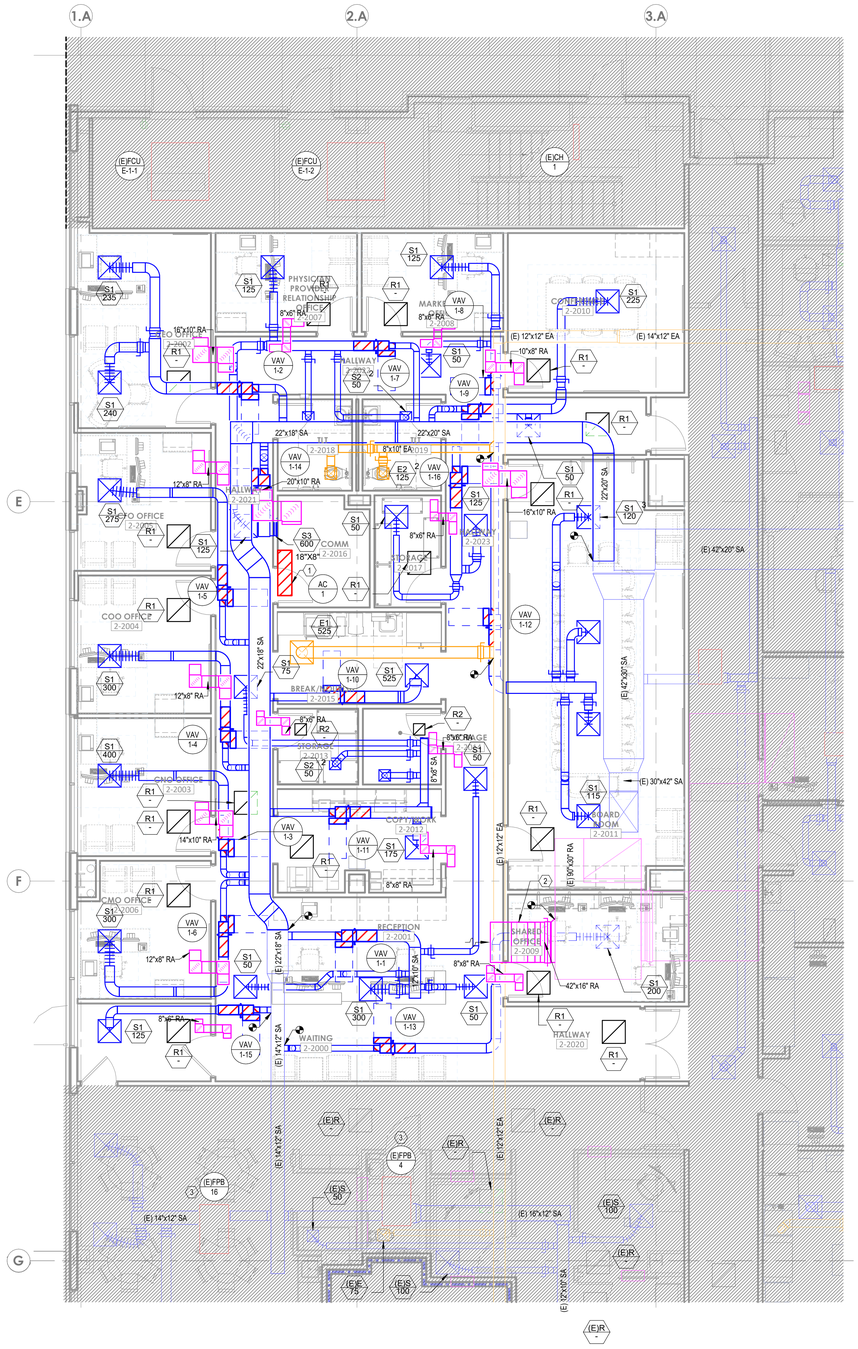
6/4/2025 2:19:23 PM

GENERAL NOTES

A. REFER TO M00-00 FOR GENERAL MECHANICAL NOTES AND SYMBOLS.
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.

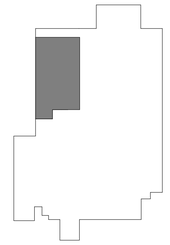
LEGEND NOTES

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



1 FLOOR PLAN - LEVEL 1 - ADMIN - HVAC
3/16" = 1'-0"

LEVEL 1 - KEYPLAN



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A 2000 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
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MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:

REVISIONS		
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DATE:	04/18/2025
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FLOOR PLAN - LEVEL 1 - ADMIN - HVAC

M02-01

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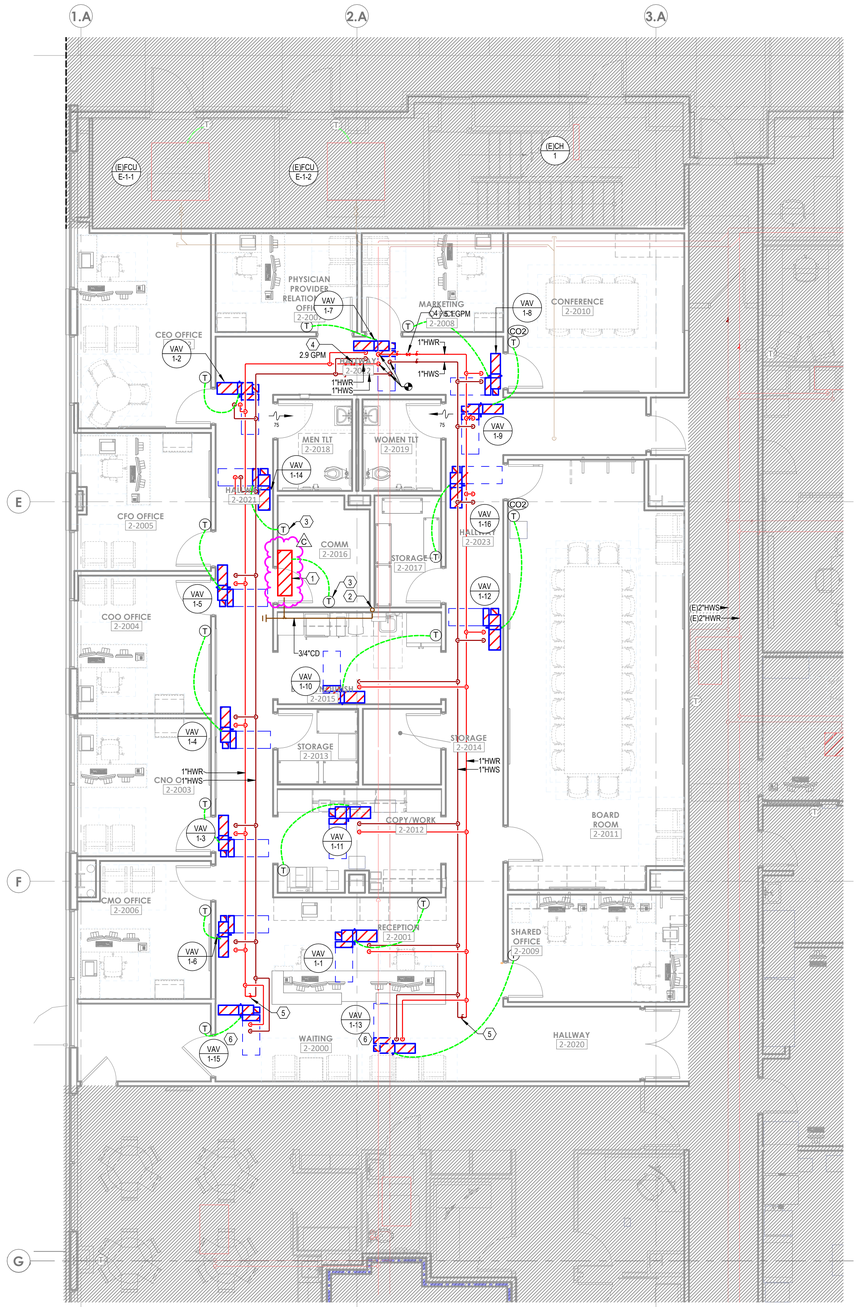


1 FLOOR PLAN - LEVEL 1 - ADMIN - HVAC PIPING

3/16" = 1'-0"

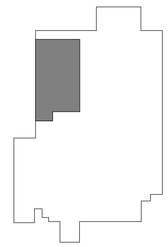
GENERAL DEMO NOTES

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 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

1. 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.
2. ROUTE 3/4" CONDENSATE DRAIN DOWN TO HUB DRAIN BELOW SINK.
3. SET THERMOSTAT FOR VAV-14 THREE DEGREES BELOW THERMOSTAT FOR AC-1.
4. CALIBRATED ORIFICE BALANCING VALVE BALANCED TO GPM INDICATED
5. 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.

LEVEL 1 - KEYPLAN



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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
A	CITY - 2ND REVIEW	2025/05/29
C	DESIGN COORDINATION	2025/07/18

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

FLOOR PLAN - LEVEL 1 - ADMIN - HVAC PIPING

M03-01

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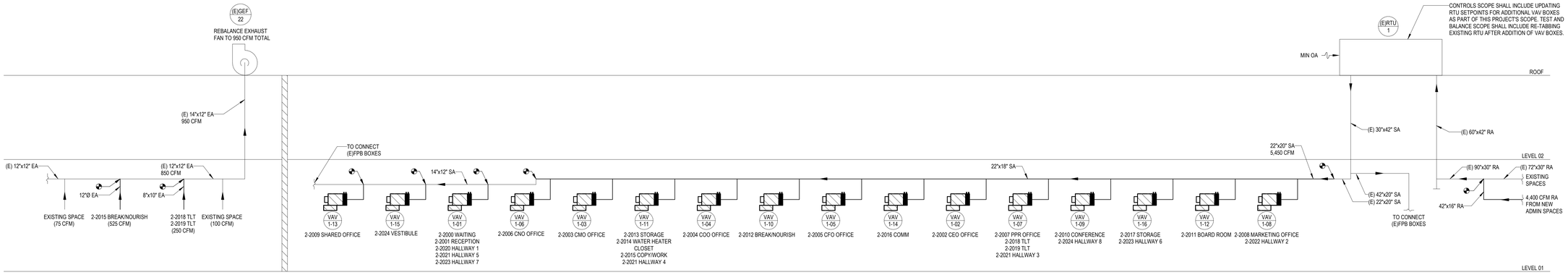
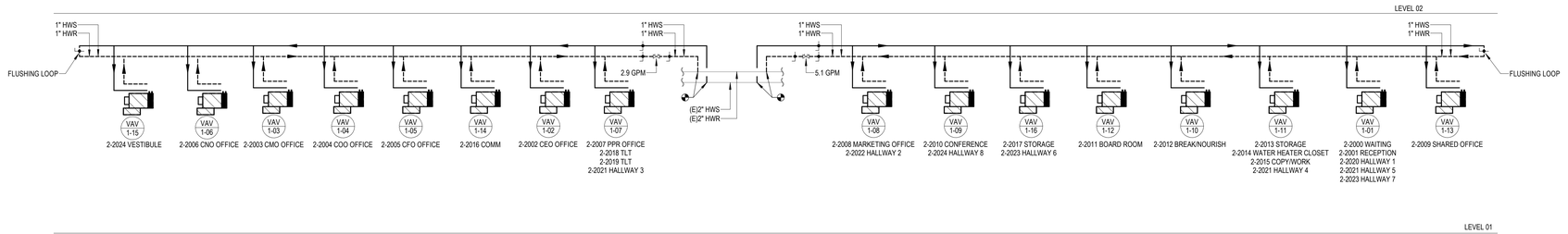
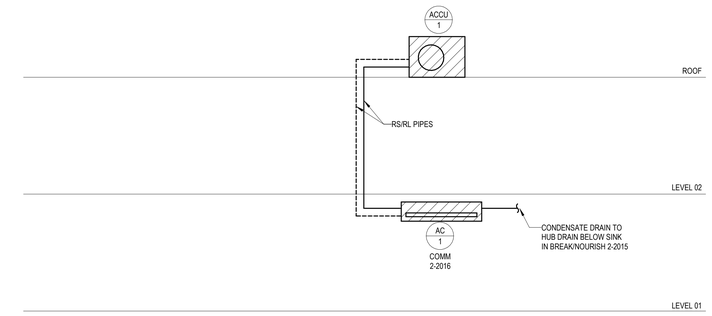


3 AIR RISER DIAGRAM
1/8" = 1'-0"



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



1 SPLIT SYSTEM RISER DIAGRAM
NOT TO SCALE

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RISER DIAGRAM - MECHANICAL

M06-01

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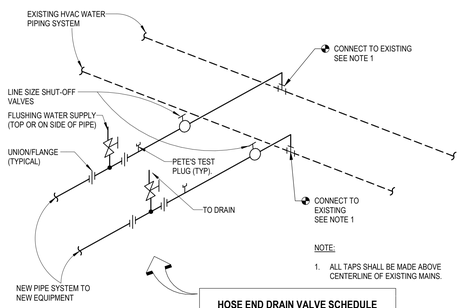
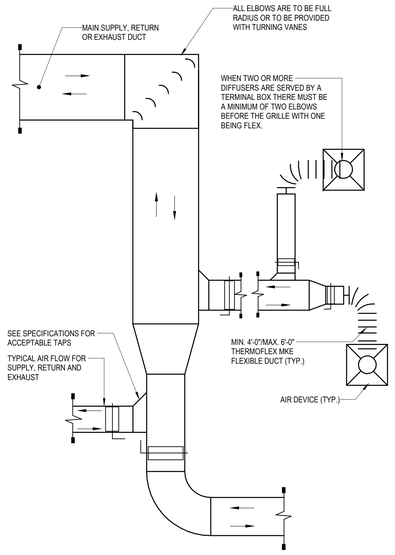
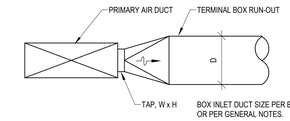


HOSE END DRAIN VALVE SCHEDULE	
PIPE SIZE	DRAIN VALVE SIZE
UP TO 2"	3/4"
2 1/2" TO 4"	1 1/4"
5" TO 8"	2"
OVER 8"	2 1/2"

7 PIPING CONNECTION DETAIL
NOT TO SCALE

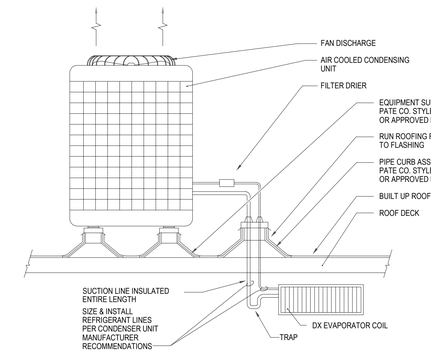


5 TYPICAL LOW PRESSURE SUPPLY, RETURN AND EXHAUST DUCT DETAIL
NOT TO SCALE

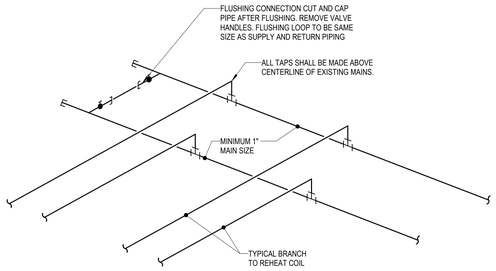


D (INCHES)	TAP, W x H (INCHES)
8	10/6
10	10/8
12	12/10, 16/8
14	14/12, 16/10
16	16/14, 18/12, 22/10
18	18/16, 20/14, 24/12

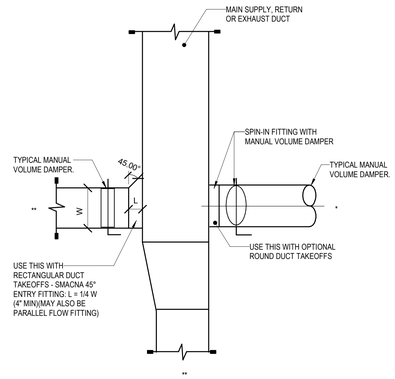
3 TERMINAL BOX INLET DUCT EQUIVALENT RECTANGULAR TO ROUND DUCT TAPS
NOT TO SCALE



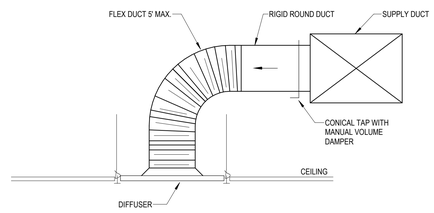
2 SPLIT REFRIGERANT CIRCUIT DETAIL - ROOF MOUNTED
NOT TO SCALE



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



4 LOW PRESSURE DUCT VOLUME DAMPER REQUIREMENTS
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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DETAILS - MECHANICAL

M07-01

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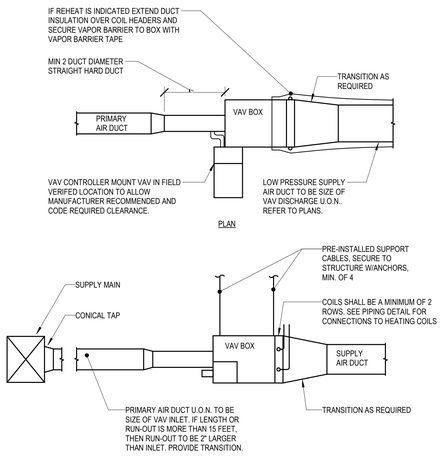
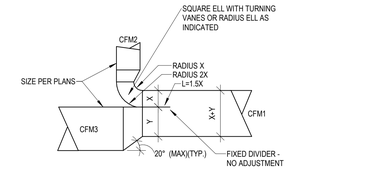


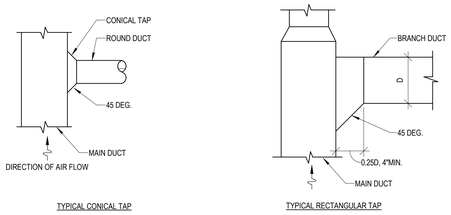
NOTE:

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, 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 CFM OR LESS TO BE SUPPORTED WITH REINFORCING ANGLE WITH 3/8" GALVANIZED ALL THREAD ROD HANGERS.
5. COORDINATE REQUIREMENT FOR CEILING ACCESS PANELS WITH DIVISION 8 AND ARCHITECTURAL RCP.

4 VAV BOX INSTALLATION DETAIL
NOT TO SCALE



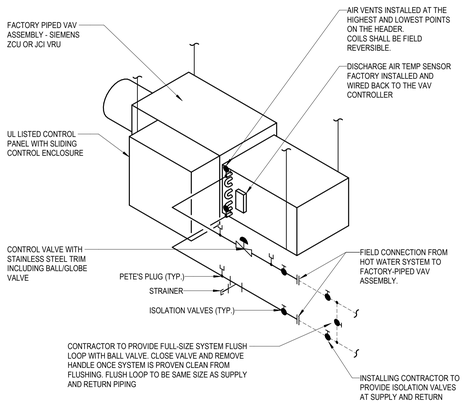
SPLITTER - SUPPLY DUCTS
USE THIS DETAIL WHERE CFM1 >= 3000 CFM AND CFM2/CFM1 >= 0.25.
CFM1 = CFM2 + CFM3



TYPICAL CONICAL TAP

TYPICAL RECTANGULAR TAP

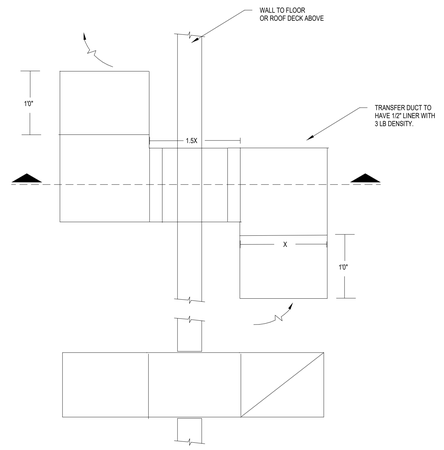
2 MEDIUM PRESSURE SUPPLY DUCT FITTINGS -HORIZONTAL DUCTS
NOT TO SCALE



NOTES:

1. CONTRACTOR TO PROVIDE PIPING THE SAME FOR HEATING COIL IN HOT WATER REHEAT AIR TERMINAL AND FOR DUCT MOUNTED HOT WATER HEATING COILS.
2. 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
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05/29/2025
WSP USA Buildings Inc. 2013001881

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT MEDICAL CENTER
A 2000 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		
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A	CITY - 2ND REVIEW	2025/05/29

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

DETAILS - MECHANICAL

M07-02

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AIR DEVICE SCHEDULE

DESIG.	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.	FULL SIZE	25	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.

NOTES:

1. 6"Ø 0-100 CFM
   8"Ø 101-225 CFM
   10"Ø 226-400 CFM
   12"Ø 401-600 CFM
   14"Ø 601-900 CFM
   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 SIZE (IN)	MIN CFM	MAX HEATING CFM	MAX CFM	OUTLET SIZE (IN / IN)	VALVE MAX APD (IN WG)	EAT DB °F	LAT DB °F	EWT °F	LWT °F	MAX FLOW GPM	MAX WATER P.D. (FT)	MAX N.C.	JCI MODEL NUMBER	NOTES
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

NOTES:

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.
9. 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.
10. 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"
11. VAV BOXES SHALL NOT EXCEED A 95° LEAVING AIR TEMPERATURE WHEN BOX MODEL AND HEATING COIL ARE SELECTED BY MANUFACTURER.
12. PROVIDE 3 WAY VALVE AS INDICATED ON DRAWINGS

SPLIT SYSTEM A/C UNIT SCHEDULE

DESIGNATION		AC-1
LOCATION		LEVEL 01
SERVICE		COMM
INDOOR UNIT DATA	SUPPLY CFM	1095
	EXT. S.P. ("WG)	-
	VOLTS / PH	208 / 1
	MCA	-
	MCOP	-
	DIMENSIONS (WxHxD) (IN)	47 1/4"X14 23/32"X10 7/16"
	WEIGHT (LBS)	41
COOLING DATA	EAT °F DB/WB	80 / 67
	SENS. HEAT (BTUH)	34,000
	TOTAL HEAT (BTUH)	34,000
CONDENSING UNIT DESIGNATION		ACCU-1
CU DATA	VOLTS / PH	208 / 1
	MCA	23
	MOCP	30
	DIMENSIONS (WxHxD) (IN)	32 3/4"X37 13/32"X13"
	WEIGHT (LBS)	148
SCCR (AMPS)		*
MANUFACTURER		LG
INDOOR FAN COIL MODEL NO.		KNSAP361A
CONDENSING UNIT MODEL NO.		KUSAP361A

NOTES:

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

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Consultant:

wsp

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NUMBER PE-2021039307
PROFESSIONAL ENGINEER
05/29/2025
WSP USA Buildings Inc. 2013001881

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SCHEDULES - MECHANICAL

M08-01

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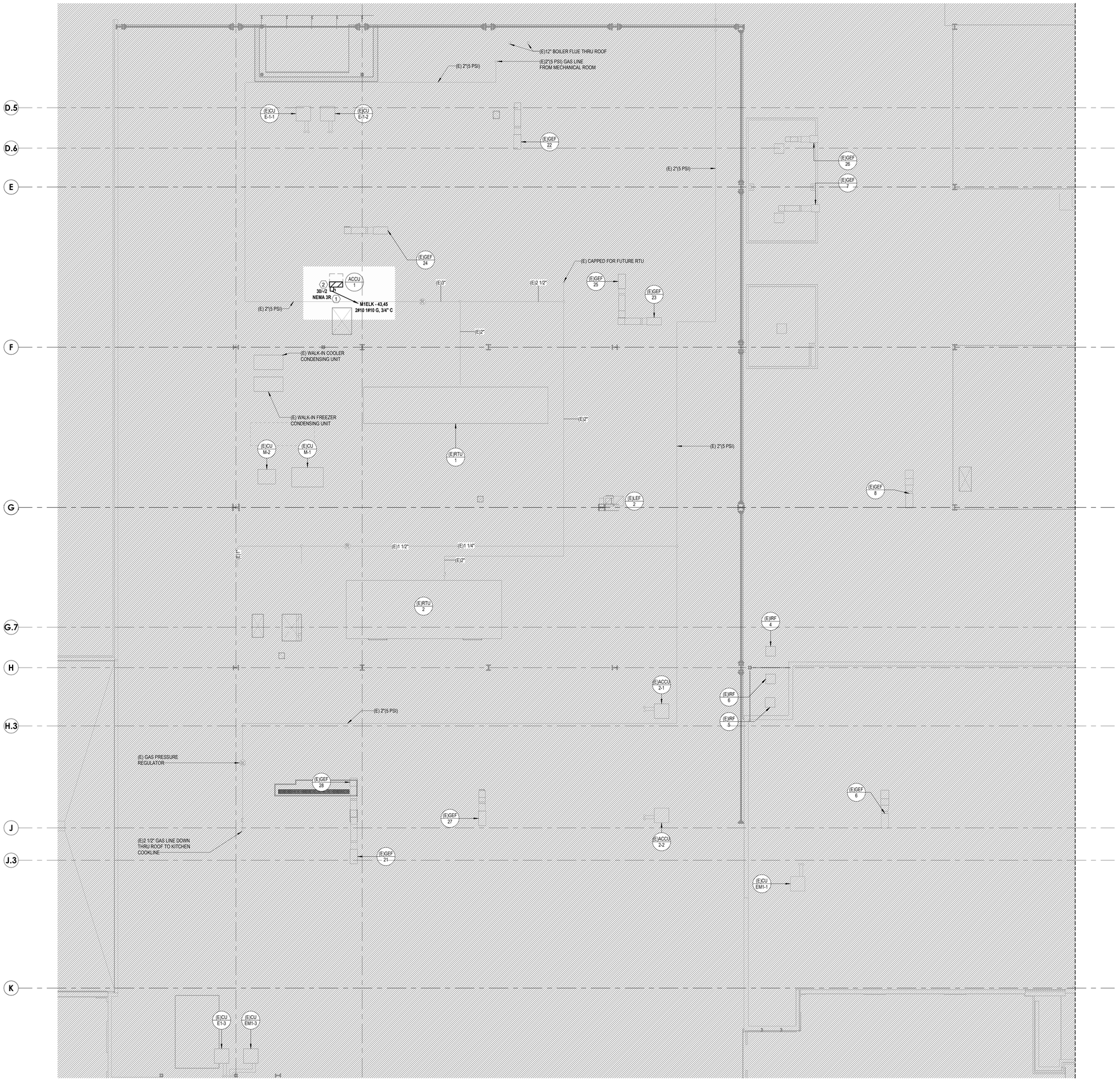


1 ATTACHED MOB ROOF PLAN - MEP
1/8" = 1'-0"

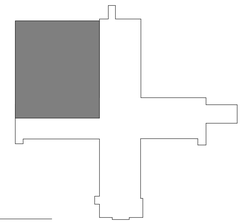
GENERAL NOTES

A. REFER TO M00-00 FOR GENERAL MECHANICAL NOTES AND SYMBOLS.
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.
E. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES
F. REFER TO SHEET E08 SERIES FOR FEEDER AND PANELBOARD SCHEDULES.
G. REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS, EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING HEIGHTS OF ALL WIRING DEVICES
H. 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.
I. COORDINATE LOCATIONS OF ALL DISCONNECTS, CONTROL PANELS, AND ELECTRICAL CONNECTIONS FOR MECHANICAL AND PLUMBING EQUIPMENT TO MAINTAIN NEC REQUIRED CLEARANCES.

LEGEND NOTES

1 SIZE & ROUTE REFRIGERANT PIPING FROM ACCU TO CORRESPONDING AC UNIT PER MANUFACTURER'S REQUIREMENTS.
2 PROVIDE 3/4" EMPTY CONDUIT FOR CONTROL WIRING FROM ACCU TO RESPECTIVE AC UNIT.

LEVEL 3 - KEY PLAN



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ATTACHED MOB ROOF PLAN - MEP

MEP02-03

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A. SUPPLEMENTAL GENERAL CONDITIONS

1. THE DRAWINGS ARE GENERALLY DIAGRAMMATIC AND IT IS THE INTENT AND MEANING OF THE CONTRACT DOCUMENTS THAT THE CONTRACTOR SHALL PROVIDE AN ELECTRICAL INSTALLATION THAT IS COMPLETE WITH ALL 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.
2. SYMBOLS FOR VARIOUS ELEMENTS AND SYSTEMS ARE SHOWN ON THE DRAWINGS. SHOULD THERE BE ANY DOUBT 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 SUCH DISCREPANCY.
4. WHEREVER CONFLICTS OCCUR BETWEEN DIFFERENT PARTS OF THE CONTRACT DOCUMENTS, THE GREATER QUANTITY, THE BETTER QUALITY, OR LARGER SIZE SHALL PREVAIL UNLESS THE ARCHITECT INFORMS THE CONTRACTOR OTHERWISE IN WRITING.
5. THE SCALE OF EACH DRAWING IS RELATIVELY ACCURATE; ANY DIMENSIONS SHOWN ARE APPROXIMATE TO CENTERLINE FROM ASSUMED BUILDING PERIMETER. THE CONTRACTOR SHALL OBTAIN THE NECESSARY DIMENSIONS FOR ANY EXACT TAKEOFFS FROM THE ARCHITECT. NO ADDITIONAL COST TO THE OWNER WILL BE CONSIDERED FOR FAILURE TO OBTAIN EXACT DIMENSIONS WHERE NOT CLEAR OR IN ERROR ON THE DRAWINGS. ANY DEVICE OR FIXTURE ROUGHED IN IMPROPERLY AND NOT POSITIONED ON IMPLIED CENTER-LINES OR AS REQUIRED BY GOOD PRACTICE MUST BE REPOSITIONED AT NO COST TO THE OWNER.
6. THE CONTRACTOR IS RESPONSIBLE FOR FILING AND PAYING ALL FEES AND OBTAINING NECESSARY PERMITS AND CERTIFICATES OF INSPECTION. THE CONTRACTOR SHALL DELIVER ALL CERTIFICATES OF INSPECTION TO OWNER/CONSTRUCTION MANAGER INCLUDING COPIES WITH MAINTENANCE MANUALS.
7. ONLY EXPERIENCED CRAFTSMEN KNOWLEDGEABLE IN THEIR RESPECTIVE TRADE SHALL PERFORM THE WORK DESCRIBED IN THE CONSTRUCTION DOCUMENTS.
8. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF NFPA STANDARD 70 (NATIONAL ELECTRICAL CODE). CONTRACTOR SHALL ALSO CONFORM TO ALL APPLICABLE LOCAL CODES AND AMENDMENTS.
9. UNLESS OTHERWISE INDICATED, ALL EQUIPMENT AND MATERIALS SHALL BE NEW AND SHALL MEET NEMA AND ANSI STANDARDS. THEY SHALL ALSO BE LISTED/LABELED BY A NATIONALLY RECOGNIZED LABORATORY IN ACCORDANCE WITH NFPA 70. EQUIPMENT AND MATERIALS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, AND WITHIN THEIR LISTING/LABELING REQUIREMENTS AND RESTRICTIONS.
10. PROVIDE SHOP DRAWINGS FOR ENGINEER'S REVIEW FOR ALL ELECTRICAL EQUIPMENT, DEVICES, AND MATERIALS PROPOSED TO BE PROVIDED UNDER THIS CONTRACT. ANY DEVIATIONS FROM ITEMS SPECIFIED SHALL BE CLEARLY IDENTIFIED AND SEPARATELY SUBMITTED WITH A FORMAL SUBSTITUTION REQUEST. REFER TO SPECIFICATIONS (PROJECT MANUAL) FOR REQUIREMENTS.

B. ELECTRICAL EQUIPMENT

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 REQUIREMENTS.
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.

C. SITE WORK

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.

D. CONDUIT & RACEWAY

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.

E. BRANCH CIRCUITS AND FEEDERS

1. CIRCUITING IS SHOWN DIAGRAMMATICALLY. HOMERUNS SHALL BE COMBINED WHERE POSSIBLE IN ACCORDING TO NFPA 70.
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' SHALL BE MINIMUM #8 AWG WIRE SIZE.
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.

F. WIRING DEVICES

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 DISABLING SURGES.

G. LIGHTING SYSTEM

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

H. MECHANICAL & PLUMBING COORDINATION

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

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

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

J. DEMO GENERAL NOTES

1. PROVIDE UPDATED, TYPE WRITTEN DIRECTORY OF ALL CORRECT CIRCUITS WITH LOAD DEFINITIONS FOR EACH PANEL BOARD. DIRECTORY SHALL BE LOCATED INSIDE PANEL DOOR.
2. 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.
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 WIRING.
8. A DEVICE WITH AN 'R' INDICATES EXISTING DEVICE TO BE RELOCATED INCLUDING ALL ASSOCIATED CONDUIT AND WIRING.
9. CONTRACTOR SHALL REMOVE ALL CONDUIT AND WIRING ASSOCIATED WITH DEVICES AND EQUIPMENT TO BE REMOVED AND/OR RELOCATED UNLESS NOTED OTHERWISE. PROVIDE AND INSTALL ALL NECESSARY DEVICES, EQUIPMENT AND ACCESSORIES REQUIRED TO MAINTAIN SERVICE TO ALL "EXISTING TO REMAIN" DEVICES AND EQUIPMENT THAT MAY BE INTERRUPTED DURING DEMOLITION.
10. WHERE EXISTING MECHANICAL/PLUMBING EQUIPMENT IS DEMOLISHED, REMOVE ALL RELATED ELECTRICAL FEEDS TO THE EQUIPMENT AND THEIR ASSOCIATED CONDUITS BACK TO THE POINT OF ORIGINATION.
11. REFER TO ARCHITECTURAL PLANS FOR AREAS WHERE CEILING IS DEMOLISHED. REMOVE ALL LIGHTING FIXTURES 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	2018 INTERNATIONAL BUILDING CODE
MECHANICAL	2018 INTERNATIONAL MECHANICAL CODE
PLUMBING	2018 INTERNATIONAL PLUMBING CODE
FIRE	2018 INTERNATIONAL FIRE CODE
ELECTRICAL	2017 NATIONAL ELECTRICAL CODE
LATITUDE:	38.9108° DEGREES NORTH
ELEVATION: FT. ABOVE SEA LEVEL	738 FT

ELECTRICAL ABBREVIATIONS

AFC	ABOVE FINISHED COUNTER	MH	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 CKT BKR	CIRCUIT BREAKER	NF	NONFUSED
		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 RECEPT	RECEPTACLE(S)
EMS	ENERGY MANAGEMENT SYSTEM		
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	FIRE ALARM CONTROL PANEL	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 FTU	FAN TERMINAL UNIT	TP	TAMPER PROOF
		TV	TELEVISION
FUT	FUTURE	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION
G, GND	GROUND (EQUIPMENT)		
GEF	GENERAL EXHAUST FAN	UF	UDERFLOOR
GEN	GENERATOR	UG	UNDERGROUND
GFCI, GFI	GROUND FAULT CIRCUIT INTERRUPTER	UH	UNIT HEATER
H	MOUNT RECEPTACLE HORIZONTALLY	UNO (U.N.O.)	UNLESS NOTED OR INDICATED OTHERWISE
HOA	HAND-OFF-AUTO		
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		
MDP	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.

SYMBOL	DESCRIPTION	MNTG. HT. UNO
F	FIRE ALARM PULL STATION WALL MOUNTED	48" AFF
X	FIRE ALARM AUDIBLE VISUAL SIGNAL WALL MOUNTED (X: H=HORN, S=SPEAKER)	80" AFF
X	FIRE ALARM AUDIBLE SIGNAL WALL MOUNTED (X: H=HORN, S=SPEAKER)	80" AFF
	FIRE ALARM VISUAL SIGNAL WALL MOUNTED	80" AFF
CLG X	FIRE ALARM AUDIBLE VISUAL SIGNAL CEILING MOUNTED (X: H=HORN, S=SPEAKER)	--
CLG X	FIRE ALARM AUDIBLE SIGNAL CEILING MOUNTED (X: H=HORN, S=SPEAKER)	--
CLG	FIRE ALARM VISUAL SIGNAL CEILING MOUNTED	--
FS	FIRE ALARM SPRINKLER FLOW SWITCH	--
TS	FIRE ALARM SPRINKLER TAMPER SWITCH	--
PS	FIRE ALARM SPRINKLER PRESSURE SWITCH	--
	SMOKE DETECTOR WALL MOUNTED	9" BFC
	SMOKE DETECTOR CEILING MOUNTED	--
P	PATIENT ROOM SMOKE DETECTOR	--
	DUCT SMOKE DETECTOR	--
FSD	FIRE AND SMOKE DAMPER	
	HEAT DETECTOR WALL MOUNTED	9" BFC
	HEAT DETECTOR CEILING MOUNTED	--
DH	ELECTRO-MAGNETIC DOOR HOLDER	AS REQUIRED
M	ELECTRO-MAGNETIC SMOKE DOOR HOLDER (INTERFACED WITH FIRE ALARM SYSTEM. DC POWER PROVIDED BY FIRE ALARM WIRING	AS REQUIRED
	FIRE ALARM BELL	108" AFF
MM	MONITOR MODULE	AS REQUIRED
FACP	FIRE ALARM CONTROL PANEL	AS REQUIRED
FAAP	FIRE ALARM ANNUNCIATOR PANEL	AS REQUIRED
FPAP	FIRE PUMP ANNUNCIATOR PANEL	AS REQUIRED
FCP	FIREFIGHTER'S CONTROL PANEL	AS REQUIRED
NAC	NOTIFICATION APPLIANCE CIRCUIT FOUR CIRCUIT FIRE ALARM INDICATING CIRCUIT POWER EXTENDER	AS REQUIRED
FP	TELEPHONE JACK FOR FIREMAN'S PHONE (BY FIRE ALARM CONTRACTOR)	48" AFF
FPH	WARDEN STATION TELEPHONE FOR FIREMAN'S PERMANENT HANDSET (BY FIRE ALARM CONTRACTOR)	48" AFF

ONE-LINE DIAGRAM & RISER SYMBOLS LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	AUTOMATIC / MANUAL TRANSFER SWITCH - PROGRAMMED OR DELAYED TRANSITION		AUTOMATIC / MANUAL TRANSFER SWITCH - BYPASS ISOLATION
XX/XX/X	DISCONNECT AMPS / FUSE / POLES	AAAA BBBB	FEEDER TAG. REFER TO FEEDER SCHEDULE FOR NUMBER AND SIZE OF CONDUCTORS AND CONDUIT. A-ALUMINUM C-COPPER
XX	MOTOR XX = HORSE POWER		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 AT = TRIP RATING AF = FRAME SIZE
LSIG	ELECTRONIC TRIP FUNCTIONS L = LONG TIME SETTING S = SHORT TIME SETTING I = INSTANTANEOUS SETTING G = GROUND FAULT SETTING A = INDICATION GROUN FAULT (GROUND FAULT ALARM ONLY)		

GENERAL NOTATIONS AND MOUNTING HEIGHTS

NOTE 1: ALL MOUNTING HEIGHTS REFER TO CENTERLINE OF DEVICE, UNLESS OTHERWISE INDICATED.
A) 48" AFF INDICATES TO TOP OF DEVICE;
B) 15" AFF INDICATES TO BOTTOM OF DEVICE;
C) 60" AFF INDICATES TO BOTTOM OF DEVICE;
D) 80" AFF INDICATES TO BOTTOM OF DEVICE;

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

- 2 - LEGEND NOTES: DENOTES "SEE LEGEND NOTE NO. 2"
- 7 - EQUIPMENT (ID) NUMBER FOR FOOD SERVICE EQUIPMENT. REFER TO FOOD SERVICE DOCUMENTS FOR DEFINITION AND REQUIREMENTS.
- 02/E7.01 - DENOTES: REFERENCE DETAIL 02 ON DRAWING (SHEET) E7.01
- E5.01 02 - DENOTES: REFERENCE ENLARGED DETAIL PLAN 02 ON DRAWING (SHEET) E5.01
- 717629 OR 717629 - 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

POWER SYMBOLS LEGEND

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

SYMBOL	DESCRIPTION	MNTG. HT. UNO
	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
WP	DUPLEX RECEPTACLE, GFCI, TAMPER RESISTANT, WEATHER RESISTANT, HOUSED IN A "WEATHERPROOF-WHILE-IN-USE" ENCLOSURE - 20A/125V/2P/3W/G NEMA 5-20R	18" AFF
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP	8" AFC OR 42" AFF
	DUPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP ON EMERGENCY CIRCUIT	8" AFC OR 42" AFF
	QUADRAPLEX RECEPTACLE (TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE)	18" AFF
	QUADRAPLEX RECEPTACLE ON EMERGENCY CIRCUIT (TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE)	18" AFF
	QUADRAPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP (TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE)	8" AFC OR 42" AFF
	QUADRAPLEX RECEPTACLE MOUNTED ABOVE COUNTERTOP ON EMERGENCY CIRCUIT (TWO DUPLEX RECEPTACLES UNDER ONE COVERPLATE)	8" AFC OR 42" AFF
	EMERGENCY SPECIAL PURPOSE RECEPTACLE (NEMA NO. AS INDICATED)	18" AFF
	SPECIAL PURPOSE RECEPTACLE (NEMA NO. AS INDICATED)	18" AFF
	FLOOR MOUNTED RECEPTACLE IN FLOOR BOX OR POKE-THRU DEVICE - FLUSH MOUNTED, UNO	FLUSH W/ FLR SURFACE
	CEILING MOUNTED RECEPTACLE - CONFIGURATION UNO	FLUSH W/ CLG SURFACE
J	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
CB X/Z	ENCLOSED CIRCUIT BREAKER (X=TRIP RATING, Z=NUMBER OF POLES)	AS REQUIRED
#	MOTOR STARTER FVNR UNO (#=NEMA SIZE)	AS REQUIRED
CB	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	THREE SINGLE POLE DEVICE CIRCUIT NUMBERS. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION.	--
X,X,X	MULTI-POLE DEVICE CIRCUIT NUMBERS. REFER TO PANEL SCHEDULES FOR ADDITIONAL INFORMATION.	--
	208Y/120V PANELBOARD	--
	480Y/277V PANELBOARD	--
	208Y/120V DISTRIBUTION PANELBOARD	--
	480Y/277V DISTRIBUTION PANELBOARD	--
	ISOLATION PANEL	--
	SWITCHBOARD	--
T	STEP-DOWN TRANSFORMER	--
	AUTOMATIC TRANSFER SWITCH	--
	BY-PASS / ISOLATION AUTOMATIC TRANSFER SWITCH	--
	GROUND BAR	--
PG	PATIENT GROUND BAR	--
BAS	BUILDING AUTOMATION SYSTEM	AS REQUIRED

LIGHTING SYMBOLS LEGEND

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

SYMBOL	DESCRIPTION	MNTG. HT. UNO (SEE NOTE 1)
	2'x4' LIGHT FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
	2'x4' LIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE FIXTURE 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 BALLAST/DRIVER ON NORMAL CIRCUIT AND ONE BALLAST/DRIVER ON CRITICAL CIRCUIT	SEE FIXTURE SCHEDULE
	WALL MOUNTED LINEAR FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
	WALL MOUNTED LINEAR FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
	WALL MOUNTED LINEAR FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
	RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON NORMAL CIRCUIT.	SEE NOTE 2
	RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE NOTE 2
	RECESSED/SURFACE MOUNTED LINEAR FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE NOTE 2
	RECESSED/SURFACE DOWNLIGHT FIXTURE ON NORMAL CIRCUIT.	SEE NOTE 2
	RECESSED/SURFACE DOWNLIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE NOTE 2
	RECESSED/SURFACE DOWNLIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE NOTE 2
	WALL MOUNTED FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
	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
	RECESSED DOWNLIGHT FIXTURE WITH WALL WASH ON NORMAL CIRCUIT.	SEE NOTE 2
	RECESSED DOWNLIGHT FIXTURE WITH WALL WASH ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE NOTE 2
	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 STANDBY SYSTEM.	SEE NOTE 3
	HANGING CIRCULAR PENDANT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE NOTE 3
	EMERGENCY LIGHTING UNIT. WALL MOUNTED BATTERY-POWERED LIGHTING. CONNECT TO NORMAL CIRCUIT IN AREA SERVED	SEE FIXTURE SCHEDULE
	CEILING MOUNTED EXIT SIGN. SHADING INDICATES DOUBLE OR SINGLE FACE. ARROW INDICATES CHEVRON DIRECTIONS.	SEE FIXTURE SCHEDULE
	END MOUNTED EXIT SIGN. SHADING INDICATES DOUBLE OR SINGLE FACE. ARROW INDICATES CHEVRON DIRECTIONS.	SEE FIXTURE SCHEDULE
	WALL MOUNTED EXIT SIGN. SHADING INDICATES DOUBLE OR SINGLE FACE. ARROW INDICATES CHEVRON DIRECTIONS.	SEE FIXTURE SCHEDULE
	WALL PACK LIGHT FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
	WALL PACK LIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
	WALL PACK LIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
	BOLLARD LIGHT FIXTURE ON NORMAL CIRCUIT.	SEE FIXTURE SCHEDULE
	BOLLARD LIGHT FIXTURE ON LIFE SAFETY CIRCUIT OR LEGALLY REQUIRED STANDBY SYSTEM.	SEE FIXTURE SCHEDULE
	BOLLARD LIGHT FIXTURE ON CRITICAL CIRCUIT OR NON-ESSENTIAL STANDBY SYSTEM.	SEE FIXTURE 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
	SPOT/FLOOD LIGHT FIXTURE.	SEE FIXTURE SCHEDULE

LIGHTING NOTES:
1. REFER TO LIGHT FIXTURE SCHEDULE FOR SPECIFIC FIXTURE INFORMATION.
2. 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.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND ELEVATIONS FOR MOUNTING HEIGHTS OF PENDANT FIXTURES. REFER TO LIGHTING FIXTURE SCHEDULE FOR PENDANT MATERIAL.

LIGHTING CONTROLS SYMBOLS LEGEND

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

SYMBOL	DESCRIPTION	MNTG. HT. UNO (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
$O	OCCUPANCY SENSOR WALL SWITCH, 20A, 120/277V, AUTO 'ON' TO 100%, AUTO 'OFF'	48" AFF
$OSBI,D	BI-LEVEL OCCUPANCY SENSOR DIMMING WALL SWITCH, 20A, 120/277V, AUTO 'ON' TO 50%, MANUAL 'ON' TO 100%, AUTO 'OFF', WITH RAISE/LOWER	48" AFF
1	1 ZONE, LOW VOLTAGE SWITCH, ON/OFF	48" AFF
1D	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
2D	2 ZONE, LOW VOLTAGE DIMMING SWITCH, ON/OFF WITH RAISE/LOWER BUTTONS, SEPARATE BUTTONS PROVIDED FOR EACH ZONE	48" AFF

NOTES:
1. REFER TO ARCHITECTURAL DRAWINGS FOR TYPICAL MOUNTING HEIGHTS. WHERE MOUNTING HEIGHT IS NOT INDICATED BY ARCHITECT, PROVIDE AT 48" AFF.
2. ANY SINGLE LOW VOLTAGE WALL STATION CONTROLLING BOTH A NORMAL LIGHTING CIRCUIT AND EMERGENCY LIGHTING CIRCUIT SHALL BE PROVIDED WITH DIFFERENT COLOR BUTTONS (NORMAL - WHITE, EMERGENCY -RED). REFER TO SPECIFICATIONS FOR MORE INFORMATION.

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FACILITY NUMBER:
0972400009

AGENCY APPROVALS:

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REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/05/29

DATE:	04/18/2025
SCALE:	As indicated
DRAWN:	MF
REVIEWED:	MW
JOB NUMBER:	6406.24

GENERAL INFORMATION - ELECTRICAL

E00-00

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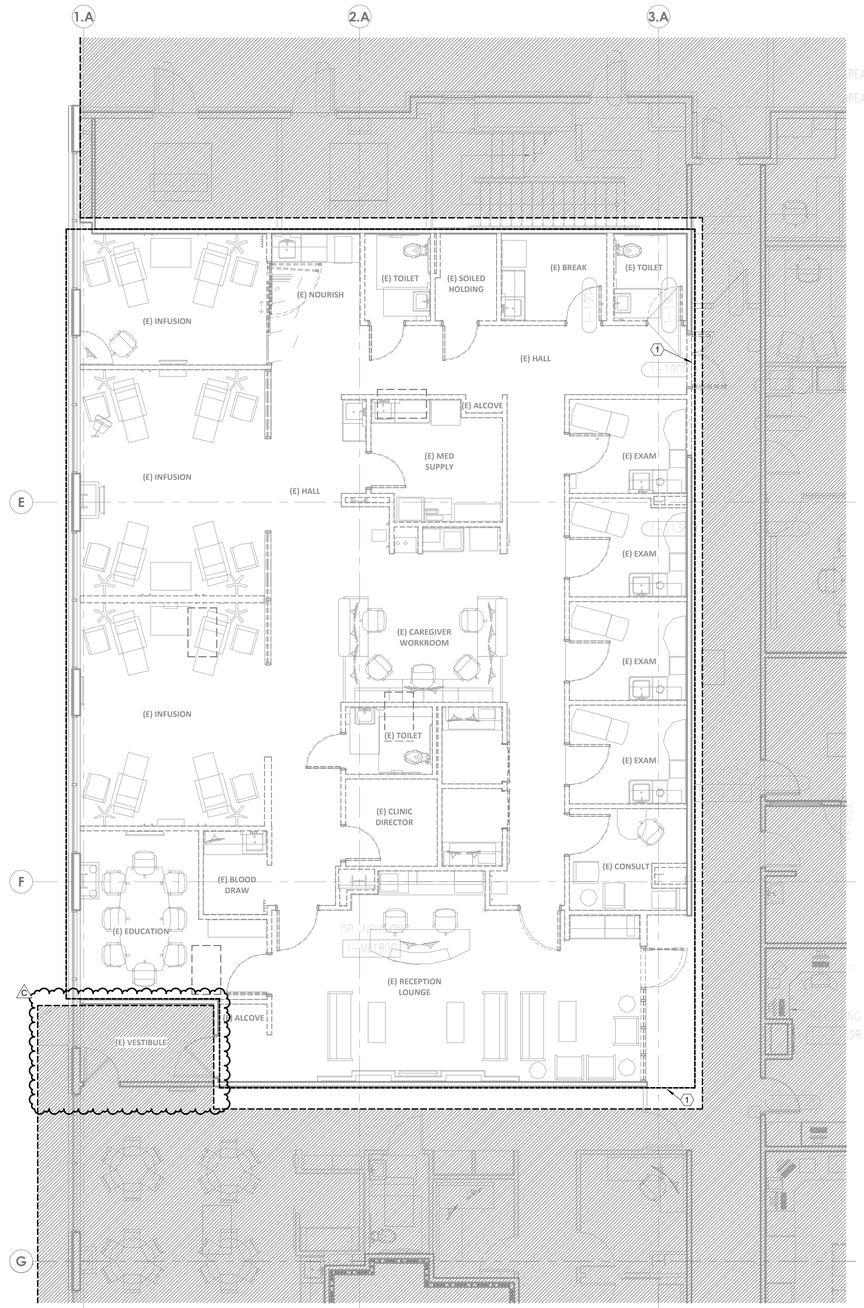
GENERAL DEMO NOTES

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 ORIGINATION. 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.

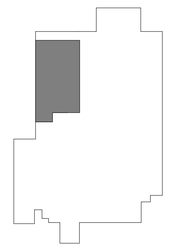
(#) LEGEND NOTES

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



1 DEMOLITION PLAN - LEVEL 1 - ADMIN - ELECTRICAL
3/16" = 1'-0"

LEVEL 1 - KEYPLAN



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AGENCY APPROVALS:

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REVIEWED:	Checker
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DEMOLITION PLAN - LEVEL 1 - ADMIN - ELECTRICAL

ED02-01

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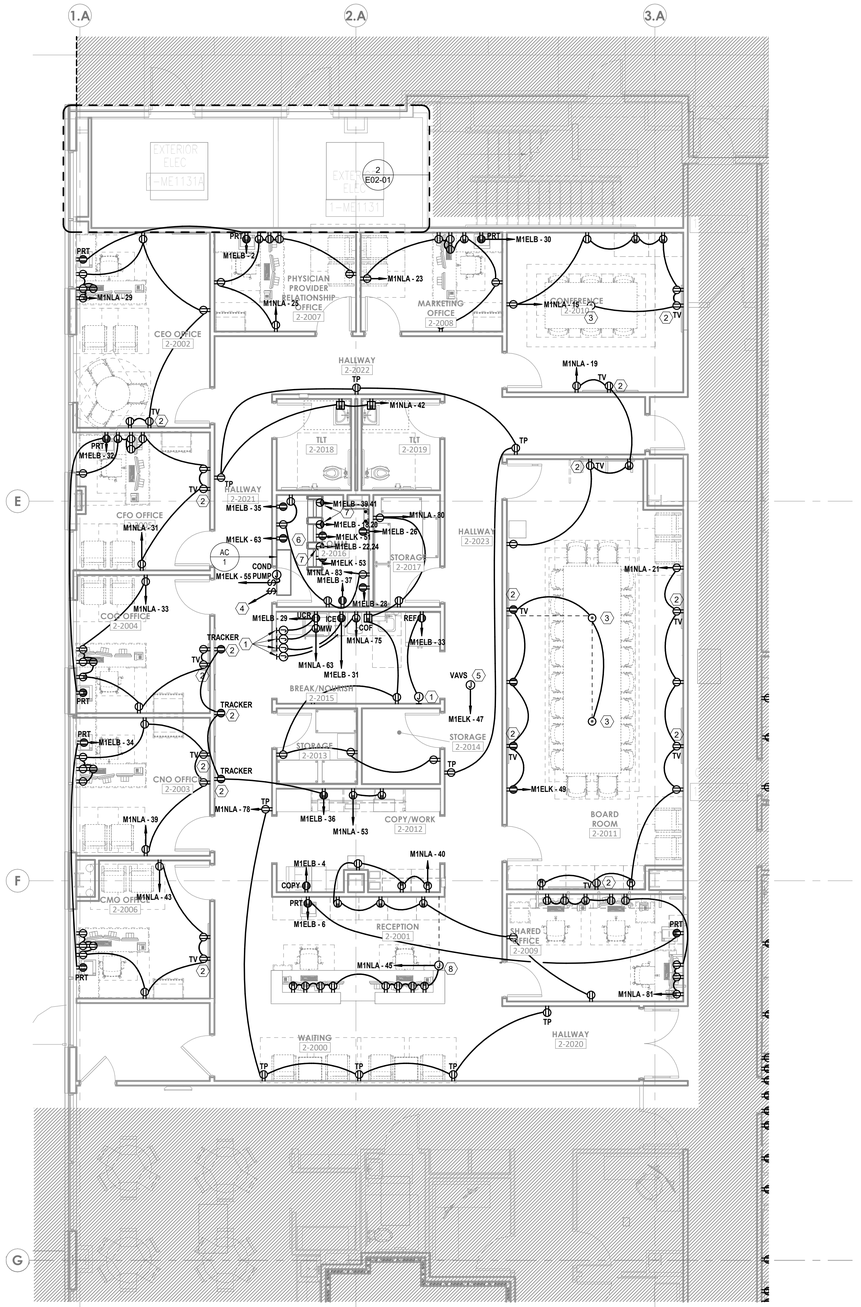
GENERAL NOTES

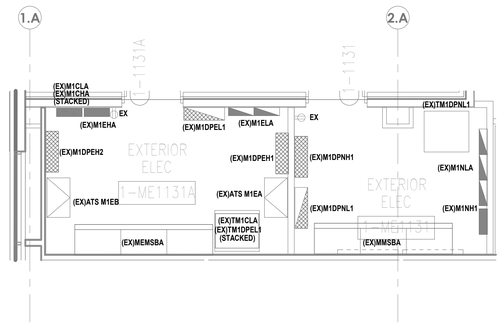
A. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES
B. REFER TO SHEET E08 SERIES FOR FEEDER AND PANELBOARD SCHEDULES.
C. REFER TO AND COORDINATE WITH THE ARCHITECTURAL PLANS, ELEVATIONS, EQUIPMENT VENDOR DRAWINGS AND DETAILS FOR EXACT LOCATIONS AND MOUNTING 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 #RFBAC300G 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.

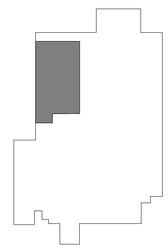


1 FLOOR PLAN - LEVEL 1 - ADMIN - POWER
3/16" = 1'-0"



2 ENLARGED FLOOR PLAN - LEVEL 01 ELEC ME1131 - POWER
1/4" = 1'-0"

LEVEL 1 - KEYPLAN



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MISSOURI DHSS

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FLOOR PLAN - LEVEL 1 - ADMIN - POWER

E02-01

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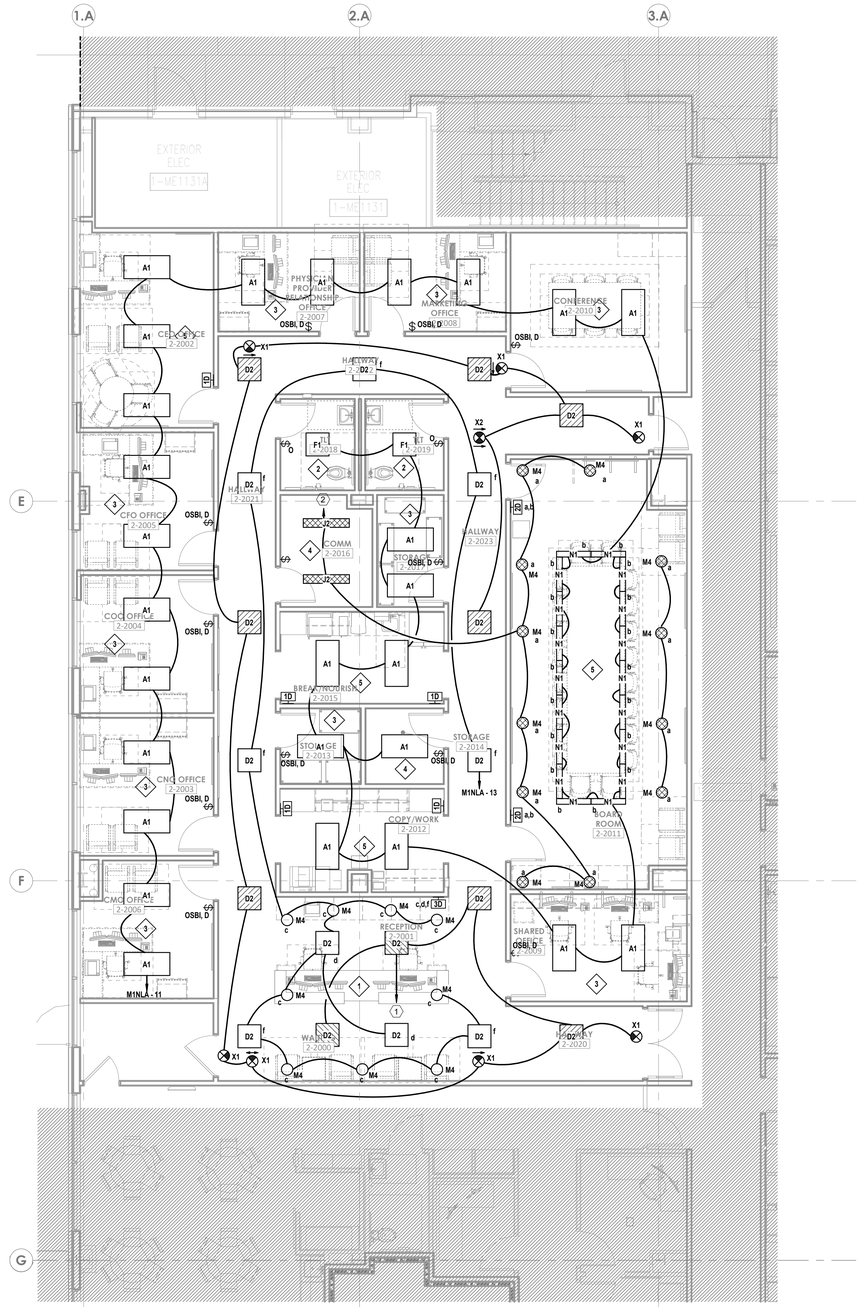
GENERAL NOTES

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 JOINTS WITH ARCHITECTURAL DRAWINGS

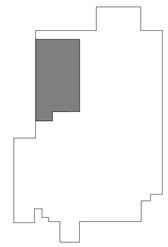
(#) LEGEND NOTES

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



1 FLOOR PLAN - LEVEL 1 - ADMIN - LIGHTING
3/16" = 1'-0"

LEVEL 1 - KEYPLAN



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FLOOR PLAN - LEVEL 1 - ADMIN - LIGHTING

E03-01

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GENERAL NOTES

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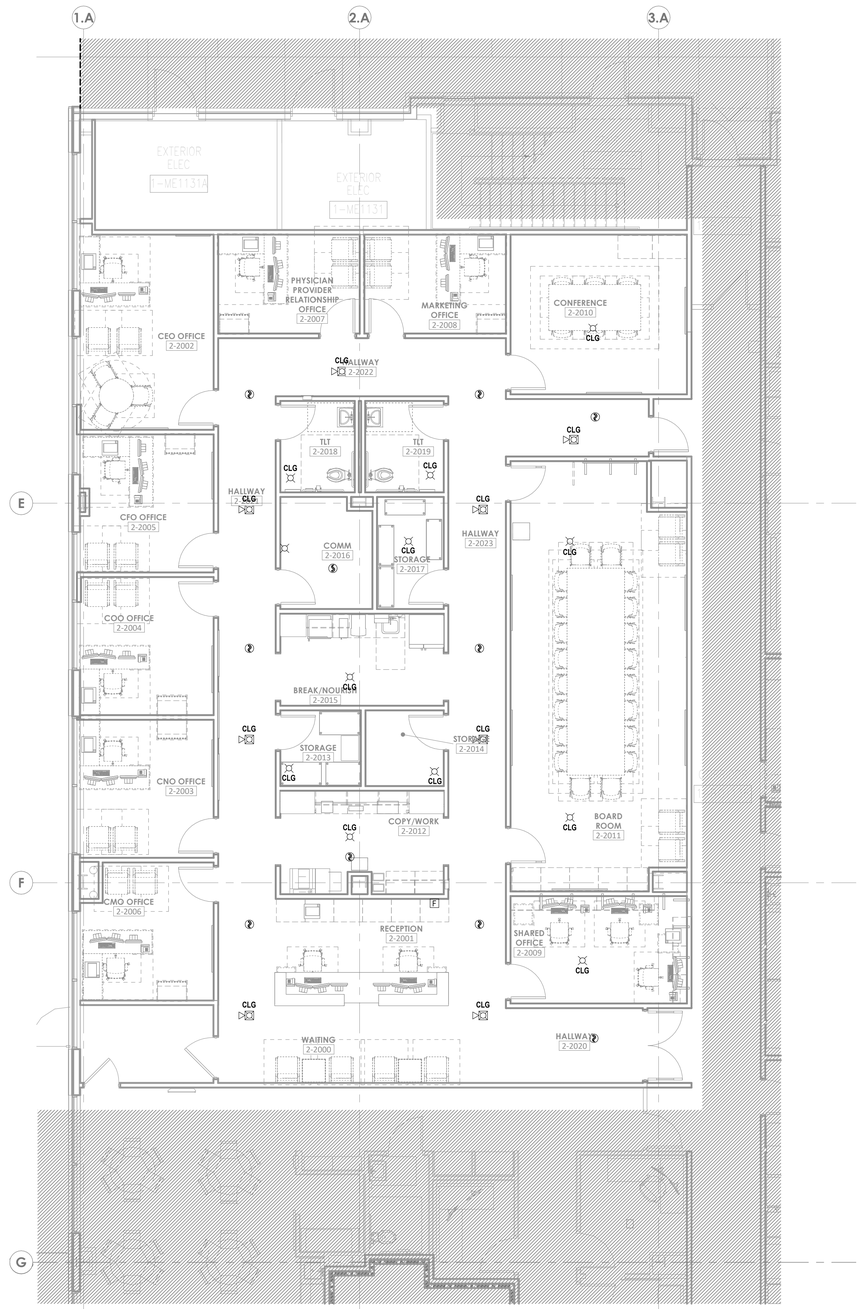
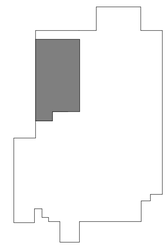
B. COORDINATE EXACT LOCATION OF ALL MECHANICAL EQUIPMENT INCLUDING BUT NOT LIMITED TO F/S DAMPERS, VAV BOXES, FCU'S ETC. WITH MECHANICAL DRAWINGS AND DIV.23 CONTRACTOR.
C. DO NOT SCALE DEVICE LOCATIONS FROM THESE DRAWINGS. REFER TO AND COORDINATE WITH THE ARCHITECTURAL DOCUMENTS. SPECIFICALLY, REFER 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.



1 FLOOR PLAN - LEVEL 1 - ADMIN - SPECIAL SYSTEMS
3/16" = 1'-0"

LEVEL 1 - KEYPLAN



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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT MEDICAL CENTER
2000 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
A	CITY - 2ND REVIEW	2025/05/29

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

FLOOR PLAN - LEVEL 1 - ADMIN - SPECIAL SYSTEMS

E04-01

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GENERAL NOTES

A. REFER TO SHEET E00-00 FOR ELECTRICAL SYMBOLS APPEARING ON THIS SHEET AND ADDITIONAL GENERAL NOTES.
B. ALL CONDUCTORS ARE EXISTING TO REMAIN UNLESS NOTED WITH NEW WIRE TAG.

LEGEND NOTES

1 EXISTING LOAD IS BASED ON DESIGN LOAD FROM A PREVIOUS PROJECT.
2 REMOVED LOAD IS BASED ON DEMOLITION SCOPE FROM PANELBOARD 'M1ELA'.

EXIST

EXISTING MMSBA
SWITCHBOARD
1600A 480Y/277V 4W+G
42000 AIC

EXIST: 'MMSBA' LOAD SUMMARY ①

		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS		
BRANCH:	NORMAL	LGHT	1,576	1,969		kVA	AMPS
EQUIPMENT TYPE:	SWITCHBOARD	MSC	500	500	EXISTING CONNECTED LOAD:	693.1	833.7
BUSS RATING:	1600A	MTRS	4,984	6,180	REMOVED CONNECTED LOAD:	26.4	31.8
PANEL LUGS:	MLO	RCPT	44,288	27,144	ADDED CONNECTED LOAD:	51.3	61.8
VOLTAGE:	480/277 WYE				TOTAL CONNECTED LOAD:	718	863.6
WIRE:	4W + G				TOTAL ESTIMATED DEMAND:	702.5	844.9
AIC AVAILABLE:	21610 A						
AIC RATING:	42000 A						

1 2 3 4 5 6 7 8-11

1600/3 LSG — 600/3 LSIG — 200/3 LSIG — 400/3 LSIG — 100/3 LSIG — 300/3 LSIG — LSIG — LSIG

1 S.O. @ 800A/3P
2 S.O. @ 600A/3P
1 S.O. @ 400A/3P

TVSS

RTU-1 RTU-2

EXIST GEN-2
300KW/375KVA
480Y

EXISTING MEMSBA
SWITCHBOARD
500A 480Y/277V 4W+G
22000 AIC

EXIST: 'MEMSBA' LOAD SUMMARY ①

		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS		
BRANCH:	EMERGENCY	MSC	500	500		kVA	AMPS
EQUIPMENT TYPE:	SWITCHBOARD	MTRS	4,984	6,180	EXISTING CONNECTED LOAD:	263.7	317.2
BUSS RATING:	500A	RCPT	19,708	14,854	REMOVED CONNECTED LOAD:	7	8.4
PANEL LUGS:	MLO				ADDED CONNECTED LOAD:	25.2	30.3
VOLTAGE:	480/277 WYE				TOTAL CONNECTED LOAD:	281.9	339.1
WIRE:	4W + G				TOTAL ESTIMATED DEMAND:	278.2	334.7
AIC AVAILABLE:	2906 A						
AIC RATING:	22000 A						

1 2 3 4 5 6

500/3 LS — 400/3 LSI — 100/3 LSI — 200/3 LSI — 200/3 LSI

1 S.O. @ 800A/3P
2 S.O. @ 600A/3P
1 S.O. @ 400A/3P

TVSS

EXIST: 'M1DPNH1' LOAD SUMMARY ①

		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS		
BRANCH:	NORMAL	LGHT	1,576	1,969		kVA	AMPS
EQUIPMENT TYPE:	DIST. PANELBOARD	RCPT	24,580	17,290	EXISTING CONNECTED LOAD:	253.3	304.7
BUSS RATING:	400 A				REMOVED CONNECTED LOAD:	26.6	32
PANEL LUGS:	MCB				ADDED CONNECTED LOAD:	26.2	31.5
VOLTAGE:	480/277 WYE				TOTAL CONNECTED LOAD:	252.9	304.1
WIRE:	4W + G				TOTAL ESTIMATED DEMAND:	246	296.8
AIC AVAILABLE:	20763 A						
AIC RATING:	42000 A						

EXISTING M1DPNH1
DISTRIBUTION PANEL
600A 480Y/277V 4W+G
42000 AIC

1 2 3 4 5 6-10

100/3 — 300/3 — 150/3 — 100/3 — 100/3

2 S.O. @ 250A/3P
3 S.O. @ 100A/3P

EXIST M1NH1 — EXIST M1NHK — EXIST TM1DPNL1

EXIST D-M1EA-N 400/400/3

DPM

EXIST ATS-M1EA 400A 4-POLE 42000 AIC

EXIST: 'M1DPEH1' LOAD SUMMARY ①

		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS		
BRANCH:	EMERGENCY	MSC	500	500		kVA	AMPS
EQUIPMENT TYPE:	DIST. PANELBOARD	MTRS	4,984	6,180	EXISTING CONNECTED LOAD:	291.7	350.9
BUSS RATING:	400 A	RCPT	19,708	14,854	REMOVED CONNECTED LOAD:	7	8.4
PANEL LUGS:	MCB				ADDED CONNECTED LOAD:	25.2	30.3
VOLTAGE:	480/277 WYE				TOTAL CONNECTED LOAD:	309.9	372.7
WIRE:	4W + G				TOTAL ESTIMATED DEMAND:	304.2	366.3
AIC AVAILABLE:	20113 A						
AIC RATING:	42000 A						

EXISTING M1DPEH1
DISTRIBUTION PANEL
400A 480Y/277V 4W+G
42000 AIC

1 2 3 4 5 6 7-10

150/3 — 200/3 — 100/3 — 100/3 — 225/3 — 250/3

1 S.O. @ 250A/3P
3 S.O. @ 100A/3P

EXIST M1EHA — EXIST 100/70/3 — EXIST 100/70/3 — EXIST TM1DPEL1

EXIST ELEV #4 (CAR 1) — EXIST ELEV #4 (CAR 2)

EXIST D-M1EB-N 200/100/3

DPM

EXIST ATS-M1EB 100A 4-POLE 42000 AIC

EXISTING M1DPEH2
DISTRIBUTION PANEL
150A 480Y/277V 4W+G
42000 AIC

150.4

1 2 3 4-8

60/3 — 60/3 — 60/3

2 S.O. @ 250A/3P
3 S.O. @ 100A/3P

EXIST M1CHA — EXIST TM1CLA — EXIST M1CLA — 60.4 — EXIST M2CLA

EXIST: 'M1DPNL1' LOAD SUMMARY

		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS		
BRANCH:	NORMAL	LGHT	1,576	1,969		kVA	AMPS
EQUIPMENT TYPE:	DIST. PANELBOARD	RCPT	24,580	17,290	EXISTING CONNECTED LOAD:	169.5	470.5 ①
BUSS RATING:	500A				REMOVED CONNECTED LOAD:	26.6	73.9
PANEL LUGS:	MCB				ADDED CONNECTED LOAD:	26.2	72.6
VOLTAGE:	120/208 WYE				TOTAL CONNECTED LOAD:	169.1	469.3
WIRE:	4W + G				TOTAL ESTIMATED DEMAND:	162.2	450.1
AIC AVAILABLE:	7308 A						
AIC RATING:	10000 A						

EXISTING M1DPNL1
DISTRIBUTION PANEL
500A 208Y/120V 4W+G
10000 AIC

1 2 3 4 5 6 7 8 9

500/3 — 200/3 — 150/3 — 200/3 — 150/3 — 150/3 — 225/3 — 125/3 — 125/3

1 S.O. @ 100A/3P

EXIST M1NLA — EXIST M1NLB — EXIST M1NLK — EXIST M2NLA — EXIST M2NLB — EXIST M1NLKB — EXIST LOAD CENTER — EXIST LOAD CENTER

TVSS

EXIST: 'M1DPEL1' LOAD SUMMARY

		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS		
BRANCH:	EMERGENCY	MISC	500	500		kVA	AMPS
EQUIPMENT TYPE:	DIST. PANELBOARD	MTRS	4,984	6,180	EXISTING CONNECTED LOAD:	99.3	275.6 ①
BUSS RATING:	400 A	RCPT	19,708	14,854	REMOVED CONNECTED LOAD:	7	19.4 ②
PANEL LUGS:	MCB				ADDED CONNECTED LOAD:	25.2	69.9
VOLTAGE:	120/208 WYE				TOTAL CONNECTED LOAD:	117.5	326.1
WIRE:	4W + G				TOTAL ESTIMATED DEMAND:	113.8	316
AIC AVAILABLE:	6976 A						
AIC RATING:	10000 A						

EXISTING M1DPEL1
DISTRIBUTION PANEL
400A 208Y/120V 4W+G
10000 AIC

1 2 3 4 5 6 7 8-11

400/3 — 100/3 — 100/3 — 100/3 — 150/3 — 100/3 — 100/3 — 150/3

2 S.O. @ 250A/3P
2 S.O. @ 100A/3P

EXIST M1ELA — EXIST M1ELAB — EXIST M1ELB — EXIST M1ELK — EXIST M2ELA — EXIST M2ELB — EXIST M1ELKB

TVSS

EXISTING MMDPEHA
DISTRIBUTION PANEL
225A 480Y/277V 4W+G
22000 AIC

1 2 3 4 5 6 7 8 9 10 11 12 13 14 16 16 17-21

70/3 — 100/3 — 20/3 — 15/1 SPARE — 15/3 — 15/3 — 45/3 SPARE — 15/3 — 15/3 — 25/3 — 25/3 — 20/3 — 20/3 — 15/3 SPARE — 45/3 SPARE — 45/3 SPARE

2 S.O. @ 250A/3P
3 S.O. @ 100A/3P

EXIST TMMELA — EXIST MMELA

EXIST VFD — EXIST VFD — EXIST VFD — EXIST VFD

EXIST AHU-8 — EXIST RAF-8 — EXIST HWP M-1 — EXIST HWP M-2 — EXIST CRAC 2-1 — EXIST CRAC 2-2 — EXIST ACCU 2-1 — EXIST ACCU 2-2

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

Devenney GROUP

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Consultant:

STATE OF MISSOURI
MINDY SUSAN WHEELER
NUMBER PE-2011000125
PROFESSIONAL ENGINEER
05/29/2025
WSP USA Buildings Inc. 2013001881

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SITE & BRIDGE EARLY RELEASE PACKAGE

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A 2000 SE BLUE PKWY
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MISSOURI DHSS

FACILITY NUMBER:
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AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/05/29

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ONE LINE DIAGRAM - ELECTRICAL

E06-01

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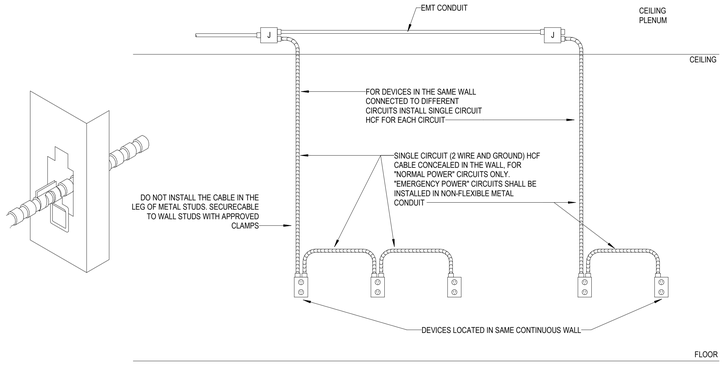
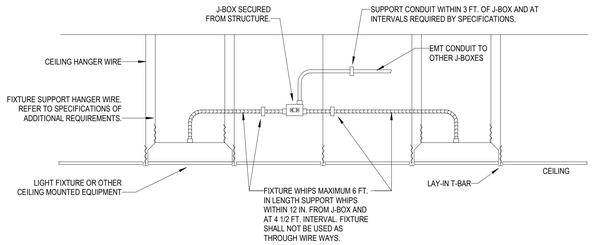
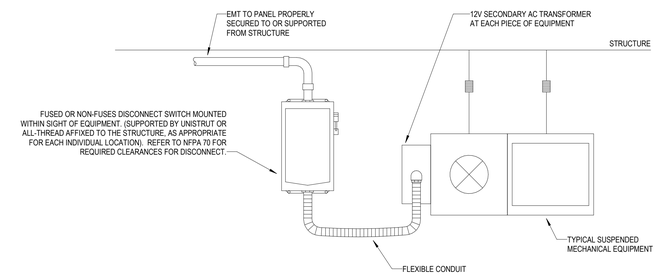


GENERAL NOTES:
A. NOT APPLICABLE FOR EMERGENCY POWER CIRCUITS
B. HFC CABLE MAY BE INSTALLED ONLY CONCEALED IN WALLS.
C. REFER TO SPECIFICATION "LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES" FOR ADDITIONAL REQUIREMENTS.

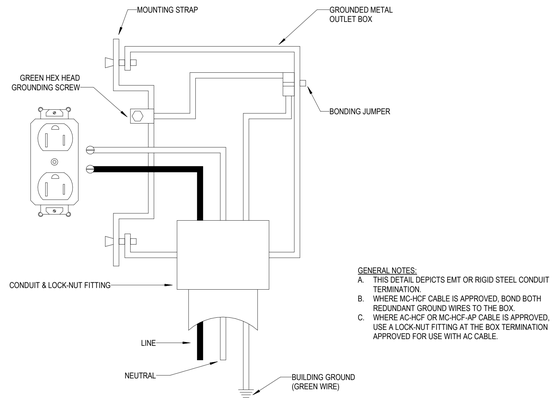
8 HEALTHCARE FACILITIES CABLE (HCF) INSTALLATION DETAIL
N.T.S.



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

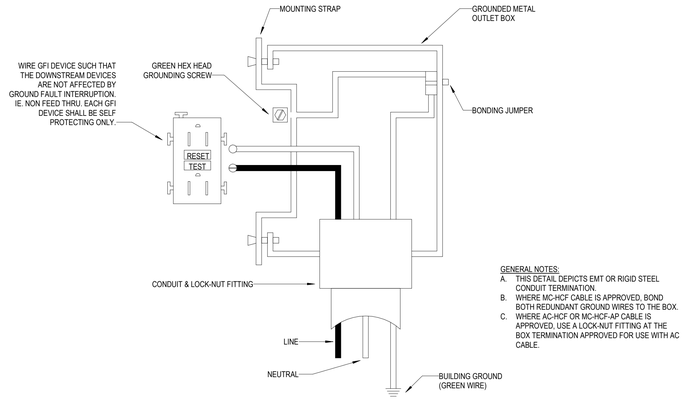


2 TYPICAL SUSPENDED MECH. EQUIPMENT HEAVY DUTY DISC. CONNECTION DETAIL
N.T.S.



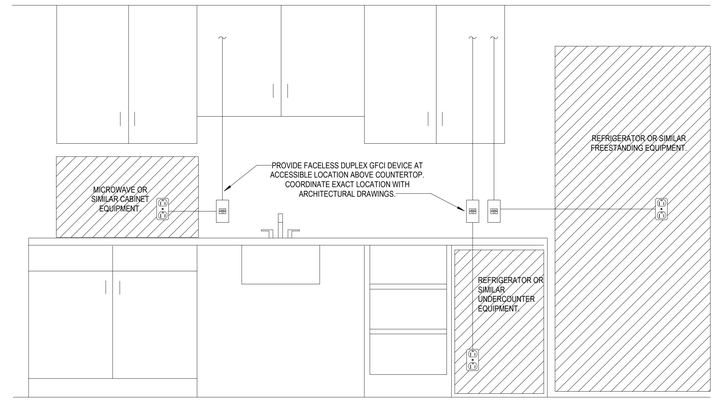
GENERAL NOTES:
A. THIS DETAIL DEPICTS EMT OR RIGID STEEL CONDUIT TERMINATION.
B. WHERE MC-HCF CABLE IS APPROVED, BOND BOTH REDUNDANT GROUND WIRES TO THE BOX.
C. WHERE AC-HCF OR MC-HCF-AP CABLE IS APPROVED, USE A LOCK-NUT FITTING AT THE BOX TERMINATION APPROVED FOR USE WITH AC CABLE.

3 RECEPTACLE GROUNDING DETAIL
N.T.S.



GENERAL NOTES:
A. THIS DETAIL DEPICTS EMT OR RIGID STEEL CONDUIT TERMINATION.
B. WHERE MC-HCF CABLE IS APPROVED, BOND BOTH REDUNDANT GROUND WIRES TO THE BOX.
C. WHERE AC-HCF OR MC-HCF-AP CABLE IS APPROVED, USE A LOCK-NUT FITTING AT THE BOX TERMINATION APPROVED FOR USE WITH AC CABLE.

4 GFI RECEPTACLE - WIRING DIAGRAM
N.T.S.



1 ACCESSIBLE GFCI DETAIL
N.T.S.

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DETAILS - ELECTRICAL

E07-01

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ELECTRICAL LUMINAIRE FIXTURE SCHEDULE

TYPE	PHYSICAL DESCRIPTION						ELECTRICAL SPECIFICATIONS								MANUFACTURER INFORMATION		
	DESCRIPTION	LOCATION	HOUSING	REFLECTOR	SHIELDING	FINISH	MOUNTING	COLOR TEMP.	LAMP	LUMENS	HOURS	VA	UNITS	BALLAST / DRIVER	VOLTAGE	MANUFACTURER	CATALOG NUMBER	REMARKS
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	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#2VTL4 40L 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	EACH	LED 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	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	EACH	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	EACH	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	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, PERIMETER SYSTEM	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	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	EACH	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	EACH	N/A	120	LITHONIA	#LRP 2 RMR 120/277	

LIGHTING CONTROL REQUIREMENTS AND SEQUENCE OF OPERATIONS

TAG	SPACE TYPES	CONTROL		MANUAL CONTROL/OVERRIDE		OCCUPANCY SENSOR		PHOTOCELL CONTROL
		CONTROL DESCRIPTION	CONTROL SYSTEM TYPE	DEVICE	DURATION	TYPE/LOCATION	SET POINT	
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, ETC)	AUTO ON TO 50%, MANUAL ON TO 100%/OFF/DIM, AUTO OFF	STAND-ALONE	LOW VOLTAGE WALL STATION	20 MIN	DUAL-TECH, CEILING	AUTO ON 50%, AUTO OFF; 20 MIN SET POINT	CEILING MOUNTED IN DAYLIGHT ZONES OVER 150W, 1 MIN FAD RATE

EXIST: M1NLA — NORMAL

LOCATION: EXTERIOR ELEC 1-ME1131
MAIN BUS: 225 A
MCB: N/A
VOLTAGE: 120/208 WYE
AIC AVAILABLE: 9970 A
AIC RATING: 10000 A
FED FROM: M1DPNL1
WIRES: 4W + G + IG
ENCLOSURE: NEMA 1
BUS TYPE: COPPER
MOUNTING: SURFACE
PANEL LUGS: MLO
NUMBER OF SECTIONS: 3
NEUTRAL BUS: YES
GROUND BUS: YES
ISOLATED GROUND BUS: YES
200% NEUTRAL: NO
FEED THROUGH LUGS: YES
POLES PER SECTION: 42

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS / POLES	A	B	C	CIRCUIT BREAKER POLES /...	TOTAL LOAD (VA)	DESCRIPTION	CKT NO.
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				1 20	--	EXISTING LOAD	8
9	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	10
11	***LGHT - ROOMS***	1,101	20 1				1 20	--	EXISTING LOAD	12
13	***LGHT -HALLWAY***	474	20 1				1 20	--	EXISTING LOAD	14
15	***RCPT - CONFERENCE, MARK OFF.2-2008***	1,440	20 1				1 20	--	EXISTING LOAD	16
17	***SPARE***	--	20 1				1 20	--	EXISTING LOAD	18
19	***RCPT - CONFERENCE, BOARD RM. 2-2011***	900	20 1				1 20	--	EXISTING LOAD	20
21	***RCPT - BOARD ROOM 2-2011***	1,440	20 1				1 20	--	EXISTING LOAD	22
23	***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
27	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	28
29	***RCPT - CEO OFFICE 2-2002***	1,440	20 1				1 20	--	EXISTING LOAD	30
31	***RCPT - CFO OFFICE 2-2005***	1,440	20 1				1 20	--	EXISTING LOAD	32
33	***RCPT - COO OFFICE 2-2004***	1,440	20 1				1 20	--	EXISTING LOAD	34
35	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	36
37	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	38
39	***RCPT - CMO OFFICE 2-2003***	1,440	20 1				1 20	1,440	***RCPT - STG, COPY/WRK 2-2012***	40
41	EXISTING LOAD	--	20 1				1 20	1,080	***RCPT - TLT, HALLWAY 2-2022,2-2023***	42
43	**RCPT - CNO OFFICE 2-2006**	1,440	20 1				1 20	--	EXISTING LOAD	44
45	**RCPT - RECEPTION 2-2001**	1,440	20 1				1 20	--	EXISTING LOAD	46
47	EXISTING LOAD	--	80 3				1 20	--	EXISTING LOAD	48
49	--	--	-- --				1 20	--	EXISTING LOAD	50
51	--	--	-- --				1 20	--	EXISTING LOAD	52
53	***RCPT - LAMINTR-COPY/WRK2-2015***	1,000	20 1				1 20	--	EXISTING LOAD	54
55	***SPARE***	--	20 1				1 20	--	EXISTING LOAD	56
57	***SPARE***	--	20 1				1 20	--	EXISTING LOAD	58
59	***SPARE***	--	20 1				1 20	--	EXISTING LOAD	60
61	***SPARE***	--	20 1				1 20	--	EXISTING LOAD	62
63	***RCPT - MW-COPY/WORK 2-2015***	1,200	20 1				1 20	--	EXISTING LOAD	64
65	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	66
67	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	68
69	EXISTING LOAD	--	30 2				1 20	--	EXISTING LOAD	70
71	--	--	-- --				1 20	--	EXISTING LOAD	72
73	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	74
75	***RCPT - COF-COPY/WORK 2-2015***	600	20 1				1 20	--	EXISTING LOAD	76
77	EXISTING LOAD	--	20 1				1 20	900	***RCPT - HALLWAY 2-2020***	78
79	EXISTING LOAD	--	20 1				1 20	1,440	***RCPT - BREAK, STG, TLT 2-2018***	80
81	***RCPT - SHARED OFFICE 2-2009***	1,440	20 1				1 20	--	EXISTING LOAD	82
83	***RCPT - TOI, STG, COMM 2-2016***	720	20 1				1 20	--	EXISTING LOAD	84
85	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	86
87	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	88
89	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	90
91	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	92
93	EXISTING LOAD	--	40 2				1 20	--	EXISTING LOAD	94
95	--	--	-- --				1 20	--	EXISTING LOAD	96
97	EXISTING LOAD	--	20 2				1 20	--	EXISTING LOAD	98
99	--	--	-- --				1 20	--	EXISTING LOAD	100
101	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	102
103	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	104
105	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	106
107	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	108
109	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	110
111	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	112
113	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	114
115	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	116
117	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	118
119	EXISTING LOAD	--	20 1				1 20	--	EXISTING LOAD	120
121	EXISTING LOAD	--	20 3				3 30	--	EXISTING LOAD	122
123	--	--	-- --				-- --	--	--	124
125	--	--	-- --				-- --	--	--	126

56 A / 100 A / 63 A

LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED DEMAND (VA)	PANEL TOTALS	kVA	AMPS
LGHT	1,576	1,969			
RCPT	24,580	17,290	EXISTING CONNECTED LOAD:	35.2	97.8
			REMOVED CONNECTED LOAD:	26.6	73.8
			ADDED CONNECTED LOAD:	26.2	72.6
			TOTAL CONNECTED LOAD:	34.8	96.5
			TOTAL ESTIMATED DEMAND:	27.9	77.4

NOTES: EXISTING LOAD IS BASED ON DESIGN LOAD FROM AN ONGOING PROJECT AT THE FACILITY.

EXIST: M1ELK — EMERGENCY

LOCATION: ELEC 1-ME1072
MAIN BUS: 225 A
MCB: N/A
VOLTAGE: 120/208 WYE
AIC AVAILABLE: EXISTING
AIC RATING: 10000 A
FED FROM: M1DPEL1
WIRES: 4W + G
ENCLOSURE: NEMA 1
BUS TYPE: COPPER
MOUNTING: SURFACE
PANEL LUGS: MLO
NUMBER OF SECTIONS: 2
NEUTRAL BUS: YES
GROUND BUS: YES
ISOLATED GROUND BUS: NO
200% NEUTRAL: NO
FEED THROUGH LUGS: YES
POLES PER SECTION: 42

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS / POLES	A	B	C	CIRCUIT BREAKER POLES /...	TOTAL LOAD (VA)	DESCRIPTION	CKT NO.
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	SPARE	--	20 1				1 20	--	EXISTING LOAD	12
13	SPARE	--	15 3				1 20	--	EXISTING LOAD	14
15	--	--	-- --				1 20	--	EXISTING LOAD	16
17	--	--	-- --				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	--	SPARE	32
33	EXISTING LOAD	--	20 1				1 20	--	SPARE	34
35	EXISTING LOAD	--	20 1				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**	**4,784**	**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	**RCPT - COMM 2-2016**	**180**	**20 1**				1 20	--	SPARE	52
53	**RCPT - COMM 2-2016**	**180**	**20 1**				1 20	--	SPARE	54
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	SPARE	--	20 1				1 20	--	SPARE	70
71	SPARE	--	20 1				1 20	--	SPARE	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				1 20	--	SPARE	84

36 A / 26 A / 6 A

LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED DEMAND (VA)	PANEL TOTALS	kVA	AMPS
MISC	500	500			
MTRS	4,984	6,180	EXISTING CONNECTED LOAD:	16.4	45.5
RCPT	1,980	1,980	REMOVED CONNECTED LOAD:	0	0
			ADDED CONNECTED LOAD:	7.5	20.7
			TOTAL CONNECTED LOAD:	23.9	66.2
			TOTAL ESTIMATED DEMAND:	25.1	69.6

NOTES: EXISTING LOAD IS BASED ON DESIGN LOAD FROM AN ONGOING PROJECT AT THE FACILITY.

EXIST: M1ELB — EMERGENCY

LOCATION: ELEC 1-ME1072
MAIN BUS: 100 A
MCB: N/A
VOLTAGE: 120/208 WYE
AIC AVAILABLE: EXISTING
AIC RATING: 10000 A
FED FROM: M1DPEL1
WIRES: 4W + G + IG
ENCLOSURE: NEMA 1
BUS TYPE: COPPER
MOUNTING: SURFACE
PANEL LUGS: MLO
NUMBER OF SECTIONS: 1
NEUTRAL BUS: YES
GROUND BUS: YES
ISOLATED GROUND BUS: YES
200% NEUTRAL: NO
FEED THROUGH LUGS: YES
POLES PER SECTION: 42

CKT NO.	DESCRIPTION	TOTAL LOAD (VA)	CIRCUIT BREAKER AMPS / POLES	A	B	C	CIRCUIT BREAKER POLES /...	TOTAL LOAD (VA)	DESCRIPTION	CKT NO.
1	EXISTING LOAD	--	20 1				1 20	1,000	**RCPT - PRT-CEO, PHY OFFICE 2-2002**	2
3	EXISTING LOAD	--	20 1				1 20	800	**RCPT - COPY-COPY/WORK 2-2015**	4
5	EXISTING LOAD	--	20 1				1 20	1,000	**RCPT - RECEPTION, SHARED OFFICE...**	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	**RCPT - COMM 2-2016**	18
19	EXISTING LOAD	--	20 1				-- --	--	--	20
21	EXISTING LOAD	--	20 1				2 30	2,496	**RCPT - COMM 2-2016**	22
23	EXISTING LOAD	--	20 1				-- --	--	**--**	24
25	EXISTING LOAD	--	30 1				1 20	180	**RCPT - COMM 2-2016**	26
27	EXISTING LOAD	--	30 1				1 20	180	**RCPT COMM 2-2016**	28
29	**RCPT - UCR-COPY/WORK 2-2015**	180	20 1				1 20	500	**RCPT - PRT-MARKETING OFFICE 2-2008**	30
31	**RCPT- ICE-COPY/WORK 2-2015**	1,500	20 1				1 20	1,000	**RCPT - PRT-CFO, COO OFFICE 2-2004**	32
33	**RCPT - REF-COPY/WORK 2-2015**	1,500	20 1				1 20	1,000	**RCPT - PRT-CNO, CMO OFFICE 2-2006**	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

43 A / 51 A / 56 A

LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED DEMAND (VA)	PANEL TOTALS	kVA	AMPS
RCPT	17,728	13,864			
			EXISTING CONNECTED LOAD:	15.1	41.8
			REMOVED CONNECTED LOAD:	0	0
			ADDED CONNECTED LOAD:	17.7	49.2
			TOTAL CONNECTED LOAD:	32.8	91
			TOTAL ESTIMATED DEMAND:	28.9	80.3

NOTES: EXISTING LOAD IS BASED ON 30 DAY METERING LOAD X 1.25.

M1ELK	M1NLA	M1ELB

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Devenney Group Ltd., Architects
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Consultant: wsp

STATE OF MISSOURI — MINDY SUSAN WHEELER — NUMBER PE-2017000125 — PROFESSIONAL ENGINEER
07/18/2025
WSP USA Buildings Inc. 2013001681

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT MEDICAL CENTER
2000 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
A	CITY - 2ND REVIEW	2025/05/29
C	DESIGN COORDINATION	2025/07/18

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

SCHEDULES - ELECTRICAL

E08-01

Notice of Alternate Billing or Payment Cycle: A written description of such billing or payment cycle applicable to the Project is available from the Owner or the Owner's designated agent upon request.

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/MEP_LSMC Admin Relocation_R23.rvt
7/16/2025 3:17:27 PM

ACCESS CONTROL SYMBOLS LEGEND

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

SYMBOL	DESCRIPTION		BACK BOX	MTG. HEIGHT UNO (NOTE 1)
	MOUNT	TECHNOLOGY		CEILING OR WALL MOUNT
M T EXAMPLE	C - CEILING D - DESK F - FLUSH H - HIDDEN M - MULLION P - POLE R - RACK S - SURFACE T - TURNSTILE W - WALL	- SPECIFIC TO DEVICE - CAN BE MULTIPLE EX- EXISTING ETR- EXISTING TO REMAIN	XX	
CR	CARD ACCESS READER S - SMART CARD F - ELEVATOR FLOOR CALL H - ELEVATOR HALL CALL I - iCLASS P - PROXIMITY M - MAGSTRIPE W - WIEGAND		D1	48" AFF
BR M T	BIOMETRIC ACCESS READER F - FINGERPRINT H - HAND GEOMETRY I - IRIS R - RETINA V - VOICE		D1	48" AFF
CK T	CARD ACCESS READER W/ KEYPAD B - BARCODE S - SMART CARD F - ELEVATOR FLOOR CALL H - ELEVATOR HALL CALL I - iCLASS P - PROXIMITY M - MAGSTRIPE W - WIEGAND DUAL PUSH BUTTON		D1	48" AFF
KP M T	KEYPAD D - DRY CONTACT W - WIEGAND		D1	48" AFF
PB T	PUSH BUTTON D- DIRECT POWER DROP X - REQUEST TO EXIT		D2	48" AFF
RR M T	REMOTE RELEASE BUTTON U - UNDER COUNTER W- WALL		D2	18" AFF
ACP	ACCESS CONTROL PANEL		N/A	(NOTE#4)
DC	DOOR CONTACT		N/A	AS REQD.
PB	PANIC BUTTON H- HARDWIRED W- WIRELESS		N/A	AS REQD.
KS M T	KEY SWITCH A - ALTERNATE ACTION IC - INTERCHANGEABLE CORE K - KEYED ALIKE L- LATCHING LD - LED M - MOMENTARY		D2	48" AFF
LPS	LOCK POWER SUPPLY		N/A	AS REQD.
PP / WP	PUSH PAD/ WAVE PLATE - DOOR OPENING ACTUATOR (NOTE #3)		D2	48" AFF

ACCESS CONTROL NOTES:
1. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL WALL MOUNTED DEVICES.
2. REFER TO FLOOR PLANS FOR DEVICE LOCATION LAYOUT.
3. PUSH PADS/WAVE PLATES ARE SHOWN FOR COORDINATION OF BACK BOX ROUGH IN PURPOSES ONLY. REFER TO DIV 08 SPECIFICATIONS FOR ADDITIONAL HARDWARE INFORMATION.
4. REFER TO ENLARGED COMM ROOM LAYOUT FOR EXACT PLACEMENT OF ACCESS CONTROL EQUIPMENT.

ACCESS CONTROL BACK BOX SCHEDULE

SYMBOL	DESCRIPTION
D1	DOUBLE GANG BACK BOX, 2 1/8" DEEP, WITH SINGLE GANG DEVICE COVER AND 3/4" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.
D2	DOUBLE GANG BACK BOX, 3 1/2" DEEP, WITH SINGLE GANG DEVICE COVER AND 3/4" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.
D3	DOUBLE GANG BACK BOX, 2 1/8" DEEP, WITH DOUBLE GANG DEVICE COVER AND 3/4" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.
D4	DOUBLE GANG BACK BOX, 3 1/2" DEEP, WITH DOUBLE GANG DEVICE COVER AND 3/4" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.
P1	PROPRIETARY BACK BOX WITH 3/4" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE. REFER TO MANUFACTURER SPECIFICATIONS FOR DEVICE BACK BOX REQUIREMENTS AND PART #S.

VIDEO SURVEILLANCE SYMBOLS LEGEND

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

SYMBOL	DESCRIPTION		BACK BOX	MTG. HEIGHT UNO (NOTE 1)
	M=MOUNTING TYPE	T=TECHNOLOGY (CAMERA TYPE)		CEILING OR WALL MOUNT
ZZZ M T EXAMPLE	C - CEILING D - DESK F - FLUSH M - MULLION P - POLE PA- PARAPET PE - PENDANT R - RACK S - SURFACE T - TURNSTILE W - WALL CO- CORNER	- SPECIFIC TO DEVICE - CAN BE MULTIPLE - SHOWN BELOW FOR EACH CAMERA ZZZ = FIELD OF VIEW	XX	
M T	STATIONARY CAMERA E - ENVIRONMENTAL C - COVERT P - POE D - DOME V - VANDAL RESISTANT F - FISHEYE			AS REQD.
M T	PAN/TILT/ZOOM CAMERA B - BOX E - ENVIRONMENTAL P - POE D - DOME V - VANDAL RESISTANT			AS REQD.
M T	2 SENSOR CAMERA E - ENVIRONMENTAL P - POE D - DOME V - VANDAL RESISTANT			
M T	3 SENSOR CAMERA E - ENVIRONMENTAL P - POE D - DOME V - VANDAL RESISTANT			AS REQD.
M T	4 SENSOR CAMERA E - ENVIRONMENTAL P - POE D - DOME V - VANDAL RESISTANT			AS REQD.
M T	MONITOR D - DESKTOP S - SWING ARM R - RECESSED T - WITH TILT		D2	AS REQD.
NVR M T	VIDEO RECORDER D - DVR N - NVR			AS REQD.
SW M T	SWITCH K -KEY SWITCH T - TOGGLE P - PUSH BUTTON		D2	AS REQD.
PS M T	POWER SUPPLY A - 12VDC P - POE B - 24VAC			AS REQD.

VIDEO SURVEILLANCE NOTES:
1. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL WALL MOUNTED DEVICES.
2. REFER TO FLOOR PLANS FOR DEVICE LOCATION LAYOUT.
3. REFER TO ENLARGED COMM ROOM LAYOUT AND TYPICAL EQUIPMENT RACK LAYOUTS FOR EXACT PLACEMENT OF HEADEND EQUIPMENT.

VIDEO SURVEILLANCE BACK BOX SCHEDULE

TYPE	DESCRIPTION
INDOOR WALL MOUNT	DOUBLE GANG BACK BOX, 2 1/8" DEEP, MOUNTED VERTICALLY, WITH SINGLE GANG DEVICE COVER AND 3/4" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.
INDOOR CEILING MOUNT	LAY-IN CEILING: 2X2 METAL CAMERA CEILING TILE WITH ADDITIONAL CEILING GRID SUPPORT. HARD-PAN CEILING: DOUBLE GANG BACK BOX, 2 1/8" DEEP, FLUSH MOUNTED IN CEILING, AND 3/4" CONDUIT PATHWAY STUBBED TO ABOVE ACCESSIBLE CEILING SPACE.
OUTDOOR WALL MOUNT	SINGLE GANG WEATHERPROOF BACK BOX, 2 1/8" DEEP, FLUSH MOUNTED VERTICALLY, AND 3/4" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE WITHIN BUILDING.
OUTDOOR CORNER MOUNT	DOUBLE GANG ALUMINUM WEATHERPROOF BACK BOX, 2 1/8" DEEP, SURFACE MOUNTED APPROXIMATELY SAME HEIGHT AS CORNER MOUNT, 3/4" LIQUID-TITE FROM BACK BOX TO CAMERA (WITH DRIP LOOP), AND 3/4" CONDUIT PATHWAY FROM BACK BOX STUBBED TO ABOVE ACCESSIBLE CEILING SPACE WITHIN BUILDING.
PARAPET MOUNT	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 TO ABOVE ACCESSIBLE CEILING SPACE WITHIN BUILDING.

INTERCOM LEGEND

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

SYMBOL	DESCRIPTION	MTG. HEIGHT UNO (NOTE 1)
IC 1	INTERCOM MASTER CONTROL STATION - DESK MOUNTED. DOUBLE GANG BOX, 4" X 4", WITH 2" X 4" DEVICE COVER, 1" CONDUIT STUBBED ABOVE CEILING.	18" AFF
IC 2	INTERCOM REMOTE MONITORING LOCATION - DESK MOUNTED. DOUBLE GANG BACKBOX, 4" X 4", WITH 2" X 4" DEVICE COVER, 1" CONDUIT STUBBED ABOVE CEILING.	18" AFF
IC 3	INTERCOM DOOR STATION - WALL MOUNTED. DOUBLE GANG BACKBOX, 4" X 4", WITH 2" X 4" DEVICE COVER, 1" CONDUIT STUBBED ABOVE CEILING.	48" AFF
IC 4	INTERCOM DOOR STATION W/ CARD READER - FLUSH MOUNTED. PROPRIETARY BACK BOX, 1" CONDUIT STUBBED ABOVE CEILING.	48" AFF

INTERCOM CABLE SCHEDULE

SYMBOL	DESCRIPTION	PART#
"IC"	2 CONDUCTOR #18 AWG	6300UE
"IC-N"	CATEGORY CABLE	REFER TO DIV. 271500

INTERCOM NOTES:
1. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL DEVICES.
2. CABLING CONTRACTOR TO PROVIDE AND INSTALL ALL INTERCOM CABLES AS SHOWN ON THE DRAWINGS; LEAVING A MINIMUM 2 FEET COILED AT EACH LOCATION.
3. DOOR STATIONS SHALL BE PROVIDED WITH DOOR UNLOCK CAPABILITY WITH THE ASSOCIATED DOOR FROM THE MASTER STATION.
4. REFER TO RESPONSIBILITY MATRIX SCHEDULE FOR OWNERSHIP OF RESPONSIBILITIES OF THE INTERCOM SYSTEM.

GENERAL SYMBOLS LEGEND

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

SYMBOL	DESCRIPTION
CP	PROPOSED CABLE PATH. SEE DETAILS FOR MORE INFORMATION. CABLE PATH SHOWN FOR COORDINATION PURPOSES ONLY. PATH SHALL BE FIELD VERIFIED BY INSTALLATION CONTRACTOR.
	2", UNLESS NOTED OTHERWISE, PRE-MANUFACTURED SLEEVE FIRE RATED PATHWAY DEVICE THROUGH RATED WALL, EMT SLEEVE THROUGH NON-RATED WALL.
	VERTICAL CORE AND SLEEVE THROUGH FLOOR. PROVIDE EMT SLEEVE, EQUIPPED WITH PLASTIC BUSHING ON BOTH ENDS. REFER TO FLOOR PLANS FOR SIZING. RATING SHALL MATCH FLOOR BEING PENETRATED. REFER TO ARCHITECTURAL DRAWINGS FOR FLOOR RATINGS.
	2 POST FREESTANDING EQUIPMENT RACK. SIZE AND LOCATION AS SHOWN ON DRAWINGS AND SPECS.
	4 POST FREESTANDING EQUIPMENT RACK. SIZE AND LOCATION AS SHOWN ON DRAWINGS AND SPECS.
	BASKET TRAY SIZE AND LOCATION AS SHOWN ON DRAWINGS AND SPECS.
	TELECOMMUNICATIONS GROUND BUSS BAR (TGB) - 1/4" X 4" X 12"; CPI PART # 40153-012 OR EQUAL

VOICE/DATA SYMBOLS LEGEND

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

= DESIGNATES CABLE/JACK COUNT FOR DEVICE

SYMBOL	DESCRIPTION	MTG. HEIGHT U.N.O. (NOTE 1)
#V	VOICE ONLY OUTLET	18" AFF
#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 OR 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 W	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
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

VOICE/DATA NOTES:
1. VOICE, DATA, AND/OR COMBONATION OUTLET, #=OUTLET/CABLE QUANTITY, PROVIDE DOUBLE GANG DEVICE BACK BOX, 2 1/8" 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.

TELEVISION/MONITOR SYMBOLS LEGEND

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

SYMBOL	DESCRIPTION	BACK BOX	MTG. HEIGHT 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	A	NOTE 2
MON/FM#	WALL MOUNTED FETAL MONITORING TRACKER MONITOR: #=CABLE QUANTITY OF FETAL MONITORING DATA CABLES	A	NOTE 2
	SECURITY MONITOR: ONE DATA CABLE	A	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	E	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

TELEVISION ROUGH IN LEGEND

SYMBOL	DESCRIPTION
A	DOUBLE GANG BACK BOX, 2 1/2" DEEP, WITH SINGLE GANG DEVICE COVER AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.
B	DOUBLE GANG BACK BOX, 2 1/2" DEEP, WITH DOUBLE GANG DEVICE COVER AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.
C	TRIPLE GANG BACK BOX, 2 1/2" DEEP AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE. POWER AND LOW VOLTAGE OUTLET SHALL SHARE SAME BACK BOX. CONTRACTOR TO PROVIDE VOLTAGE PARTITION WITHIN BACK BOX.
D	ARLINGTON RECESSED AV BOX (PART # TVBS507). PROVIDE (1) 1" CONDUIT PATHWAY STUBBED TO ABOVE ACCESSIBLE CEILING SPACE.
E	ARLINGTON RECESSED AV BOX (PART # TVBS613). PROVIDE (1) 1" CONDUIT PATHWAY STUBBED TO ABOVE ACCESSIBLE CEILING SPACE.

TELEVISION NOTES:
1. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL WALL MOUNTED DEVICES.
2. COORDINATE OUTLET LOCATION WITH TV MOUNTING BRACKET PRIOR TO ROUGH IN.
3. 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.
17. ALL CONDUIT STUBS AND/OR EMT SLEEVES SHALL BE FITTED WITH PLASTIC PROTECTIVE BUSHINGS. BUSHINGS SHALL BE 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 INSIDE DIAMETER FOR ALL ELBOWS.
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.

ABBREVIATIONS

ACP	ACCESS CONTROL PANEL
AFC	ABOVE FINISHED COUNTER
AFF	ABOVE FINISHED FLOOR
AHU	AUTHORITY HAVING JURISDICTION
AMP	OVERHEAD PAGING AMPLIFIER
AV	AUDIO VISUAL EQUIPMENT (COORDINATE OUTLET INSTALLATION WITH AV VENDOR)
BAS/BMS	BUILDING AUTOMATION/MANAGEMENT SYSTEM (COORDINATE OUTLET INSTALLATION WITH BAS EQ. VENDOR)
BFC	BELOW FINISHED CEILING
BVC	BABY VIEWING CAMERA DEVICE
CAB	CABINET
CCI	WALL MOUNTED "CCI" WORKSTATION (IF APPLICABLE)
CLK	WALL CLOCK
CPU	COMPUTER WORKSTATION
CT	CABLE TRAY
DAS	DISTRIBUTED ANTENNA SYSTEM
DEMARC	DEMARCATION ROOM
DIA	DIAMETER
EMT	ELECTRICAL METAL TUBING
EQ	EQUIPMENT
(EX)	EXISTING
FM	FETAL MONITORING
HUGS	INFANT PROTECTION SYSTEM
IDF	INTERMEDIATE DISTRIBUTION FRAME (SEE TDR)
INFO	INFORMATION MONITOR
LV	LOW VOLTAGE
MAX	MAXIMUM
MDF	MAIN DISTRIBUTION FRAME (SEE TEC)
MEDS	MEDICATION DISTRIBUTION EQUIPMENT
MFR	MANUFACTURER
MIN	MINIMUM
MON	MONITOR
NA	NOT APPLICABLE
NC	NURSE CALL
NTS	NOT TO SCALE
OR INT.	OPERATING ROOM INTEGRATION EQUIPMENT (COORDINATE OUTLET INSTALLATION WITH OR INT. VENDOR)
PACS	PACS VIEWING STATION
PM	PHYSIOLOGICAL/PATIENT MONITORING
PROX	WALL MOUNTED "PROXIMITY SYSTEMS" WORKSTATION (IF APPLICABLE)
PTS	PNUEMATIC TUBE SYSTEM (COORDINATE OUTLET INSTALLATION WITH PTS VENDOR)
RTLS	REAL-TIME LOCATING SYSTEM
TC	EMPLOYEE TIME CLOCK
TDR	TELECOMMUNICATIONS DISTRIBUTION ROOM (SEE IDF)
TEC	TELECOMMUNICATIONS EQUIPMENT CENTER (SEE MDF)
TELE	TELEMETRY SYSTEM
TRK	TRACKER MONITOR
TV	TELEVISION
UNO	UNLESS NOTED OTHERWISE
UON	UNLESS OTHERWISE NOTED
W	WALL PHONE
WAP	WIRELESS ACCESS POINT
WP	WEATHERPROOF
WRK	WALL MOUNTED WORKSTATION ON ARM

PUBLIC ADDRESS LEGEND

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

SYMBOL	DESCRIPTION		MTG. HEIGHT UNO (NOTE 1)
S M 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 BACKBOX, 2 1/2" DEEP, WITH SINGLE GANG DEVICE COVER, 3/4" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING SPACE. Z = ZONE NUMBER		48" AFF
AMP M 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:
1. COORDINATE WITH ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL WALL MOUNTED DEVICES.
2. 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.

Notice of Alternate Billing or Payment Cycle: The Owner may plan to make payments on an alternative schedule. A written description of such billing or payment cycle applicable to the Project is available from the Owner or the Owner's designated agent upon request.

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Consultant: wsp

STATE OF MISSOURI
MINDY SUSAN WHISLER
NUMBER PE-2017000125
PROFESSIONAL ENGINEER
05/29/2025
WSP USA Buildings Inc. 2013001881

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
A 2000 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:

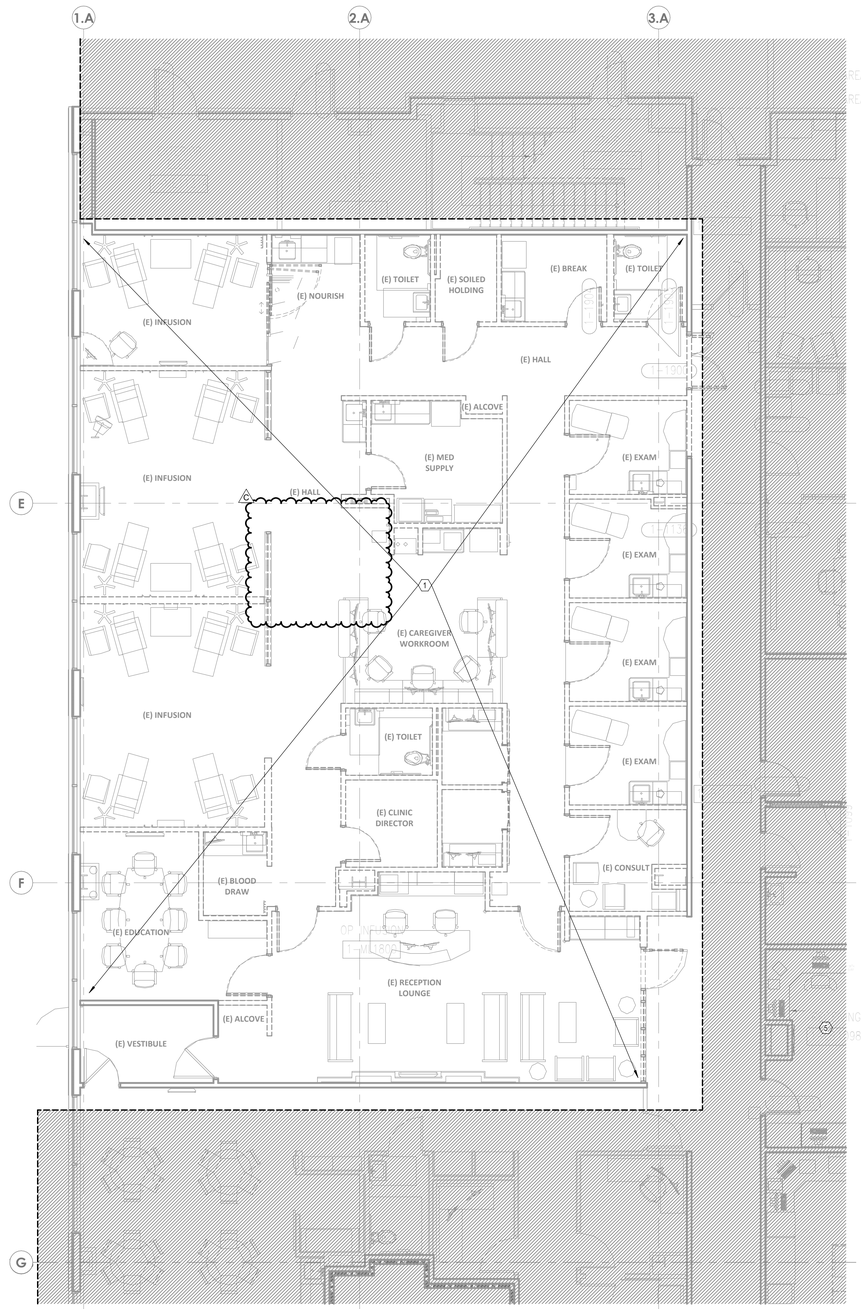
REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/05/29

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

GENERAL INFORMATION - TECHNOLOGY

T00-00

6/4/2025 1:33:18 PM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/MEP_LSMC Admin Relocation_R23.rvt



1 DEMOLITION PLAN - LEVEL 1 - ADMIN - COMMUNICATIONS
3/16" = 1'-0"

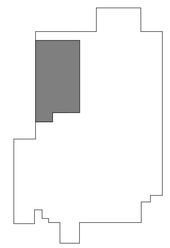
GENERAL NOTES:

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

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.

LEVEL 1 - KEYPLAN



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Consultant:
wsp

STATE OF MISSOURI
MINDY SUSAN WHEELER
NUMBER PE-2017006125
PROFESSIONAL ENGINEER
07/18/2025
WSP USA Buildings Inc. 2013001881

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT MEDICAL CENTER
2000 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
A	CITY - 2ND REVIEW	2025/05/29
C	DESIGN COORDINATION	2025/07/18

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

DEMOLITION PLAN - LEVEL 1 - ADMIN - COMMUNICATIONS

TD02-01

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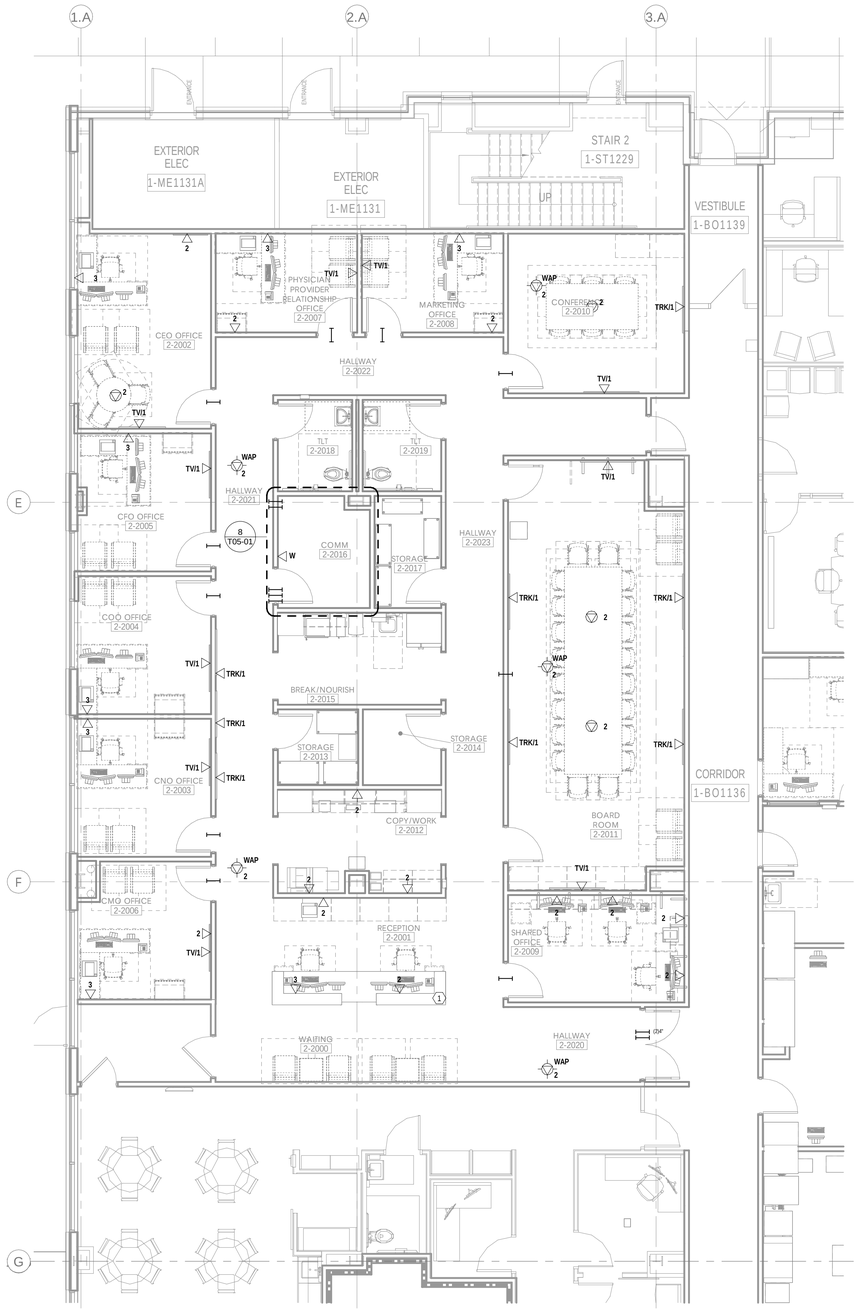


1 FLOOR PLAN - LEVEL 1 - ADMIN - COMMUNICATIONS

3/16" = 1'-0"

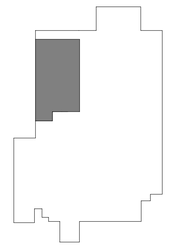
GENERAL NOTES:

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

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

LEVEL 1 - KEYPLAN



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Consultant:

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STATE OF MISSOURI
BRADY SUSAN WHEELER
NUMBER PE-2017040128
PROFESSIONAL ENGINEER
05/29/2025
WSP USA Buildings Inc. 2013001881

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT MEDICAL CENTER
2000 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
A	CITY - 2ND REVIEW	2025/05/29

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FLOOR PLAN - LEVEL 1 - ADMIN - COMMUNICATIONS

T02-01

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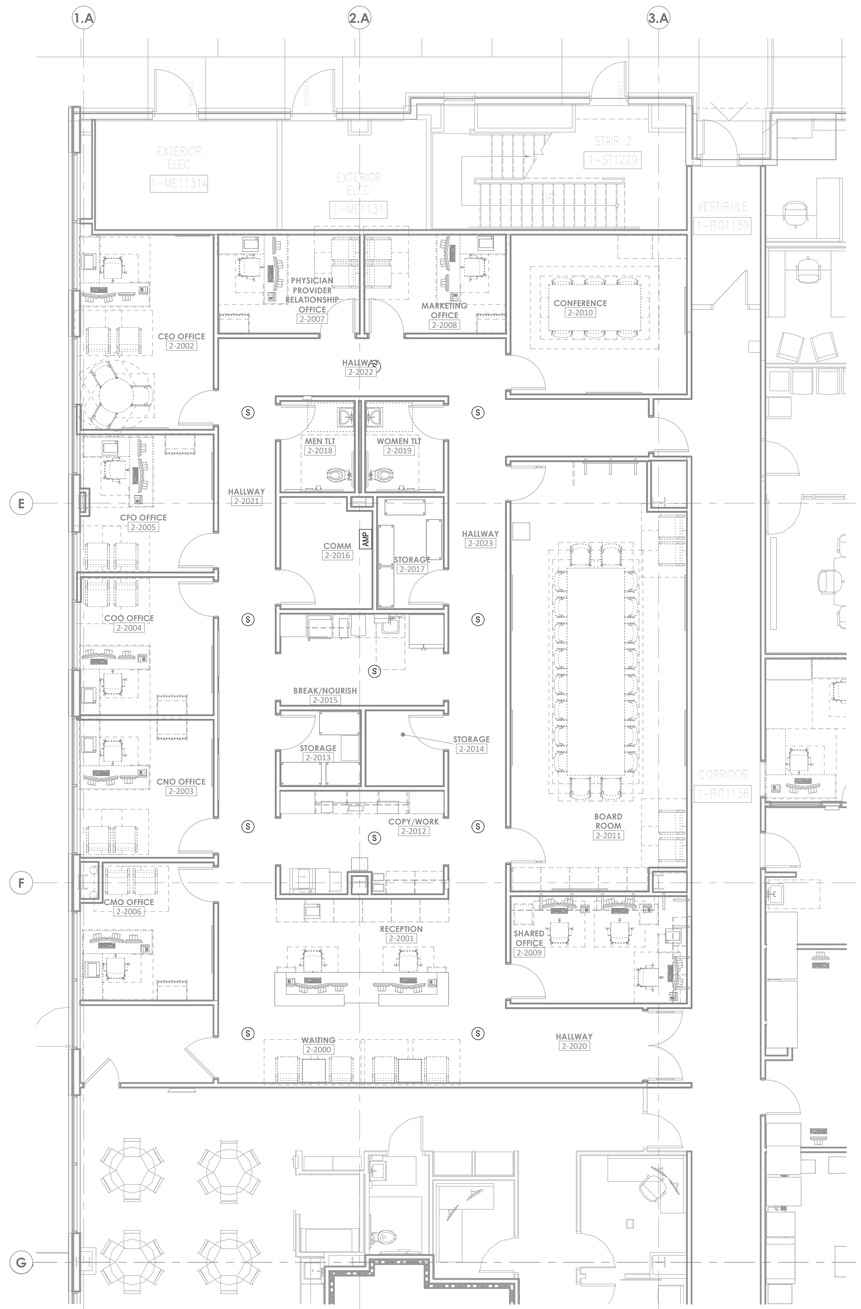


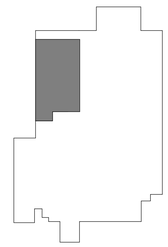
1 FLOOR PLAN - LEVEL 1 - ADMIN - LOW VOLTAGE

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.
F. ALL OVERHEAD PAGING SPEAKERS SHOWN SHALL BE DAISY-CHAINED USING PUBLIC ADDRESS CALL CABLE TYPE 'S'.
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 EACH CABLE IS ASSOCIATED WITH.
I. CONTRACTOR SHALL LEAVE A MINIMUM OF 18 INCHES OF SLACK AT ALL WALL MOUNTED NURSE CALL DEVICES, 15 FEET AT ALL CEILING MOUNTED NURSE CALL DEVICES, AND 25 FEET OF SLACK AT THE NURSE CALL HEADEND PANEL/NETWORK SWITCH LOCATION. (C)

LEVEL 1 - KEYPLAN



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Consultant:

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MINDY SUSAN WHEELER
NUMBER PE-2017006125
PROFESSIONAL ENGINEER

07/18/2025
WSP USA Buildings Inc. 2013001881

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT MEDICAL CENTER
A 2000 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		
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FLOOR PLAN - LEVEL 1 - ADMIN - LOW VOLTAGE

T03-01

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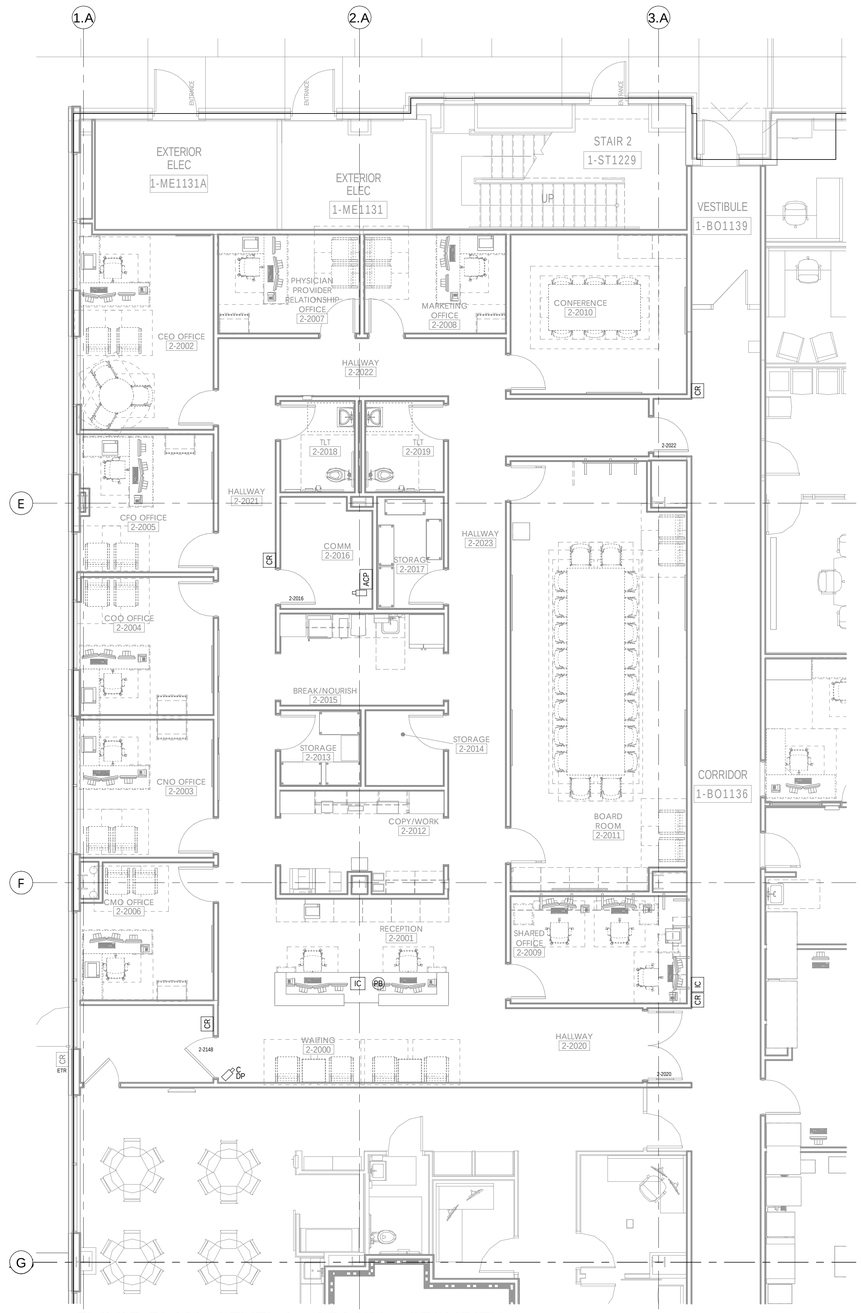


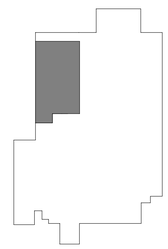
1 FLOOR PLAN - LEVEL 1 - ADMIN - SECURITY

3/16" = 1'-0"

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 SYSTEM.
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.

LEVEL 1 - KEYPLAN



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Consultant:

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STATE OF MISSOURI
RANDY SUSAN WHEELER
NUMBER PE-2011106125
PROFESSIONAL ENGINEER

05/29/2025
WSP USA Buildings Inc. 2013001881

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ADMINISTRATION RELOCATION

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2000 SE BLUE PKWY
LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
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DATE:	04/18/2025
SCALE:	As indicated
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FLOOR PLAN - LEVEL 1 - ADMIN - SECURITY

T04-01

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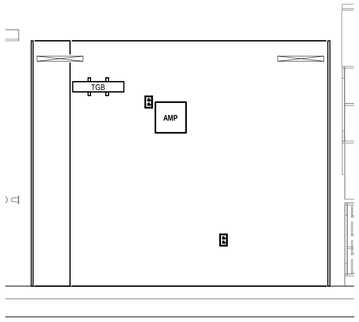
LEGEND NOTES:

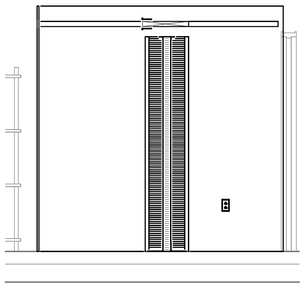
1. PROVIDE ¾" A/C GRADE FIRE RETARDANT PLYWOOD WITH TWO COATS OF PAINT (MATCH WALL COLOR) FROM FINISHED FLOOR TO 8' AFF ON THIS ENTIRE WALL AS SHOWN. MANUFACTURER FIRE RATING STAMP SHALL BE LEFT UNCOVERED ON "A" SIDE FOR INSPECTION ON EACH SHEET OF PLYWOOD WITHIN IDF/COMM ROOM.
2. ELECTRICAL OUTLET ON 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 AREA.
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" AFF.
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 CABINETRACKS 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 STANDARDS.
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 TRAY.
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 MNA 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.



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



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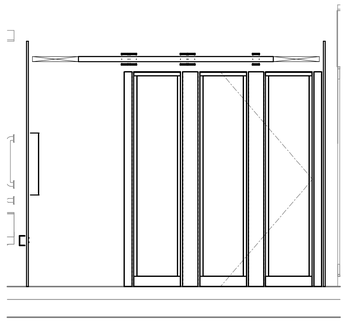

4 COMM 2-2016 - ELEVATION 8
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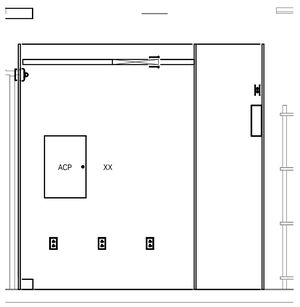

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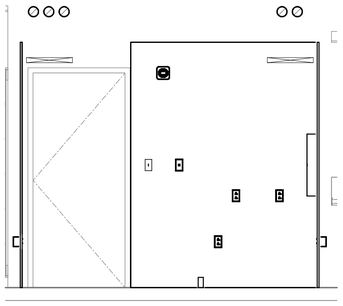

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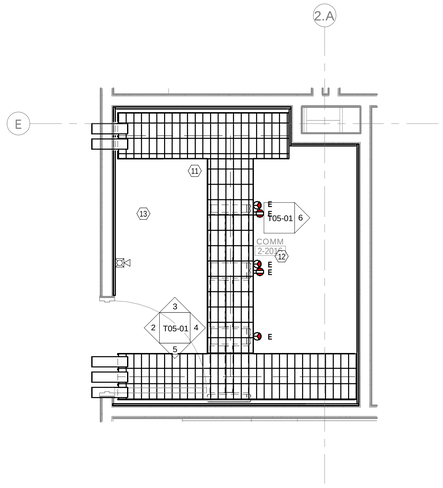
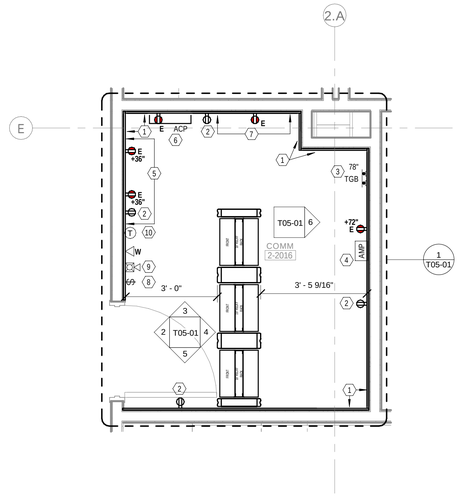


1 ENLARGED - COMM 2-2016 - UPPER
1/2" = 1'-0"



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

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Consultant:

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RANDY SUSAN WHEELER
NUMBER PE-2017004125
PROFESSIONAL ENGINEER

05/29/2025
WSP USA Buildings Inc. 2013001881

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT MEDICAL CENTER
2000 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
A	CITY - 2ND REVIEW	2025/05/29

DATE:	04/18/2025
SCALE:	1/2" = 1'-0"
DRAWN:	FT
REVIEWED:	MC
JOB NUMBER:	6406.24

ENLARGED PLAN - TECHNOLOGY

T05-01

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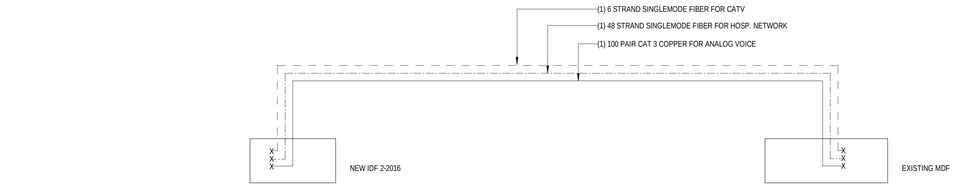

1 TECHNOLOGY SYSTEMS BACKBONE RISER
NTS

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RISER DIAGRAM - TECHNOLOGY

T06-01

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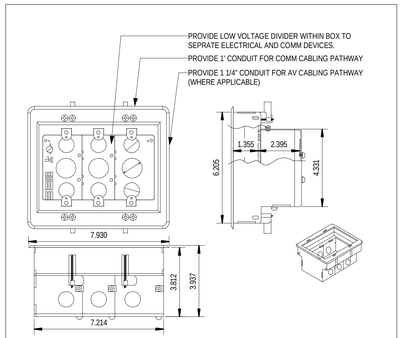
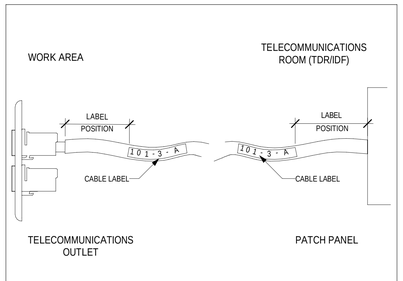


DETAIL NOTES:
A. DIV. 26 ELECTRICAL CONTRACTOR SHALL INSTALL AV BACKBOX AND ELECTRICAL CIRCUITING.
B. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
C. RECESSED AV BOX SHALL BE UTILIZED FOR ALL NON- CLINICAL TV, INFO. MONITOR, AND TRACKER LOCATIONS.

07 ARLINGTON RECESSED AV BOX (TVBS507) NON-CLINICAL TVS, INFO. MON., AND TRACKERS

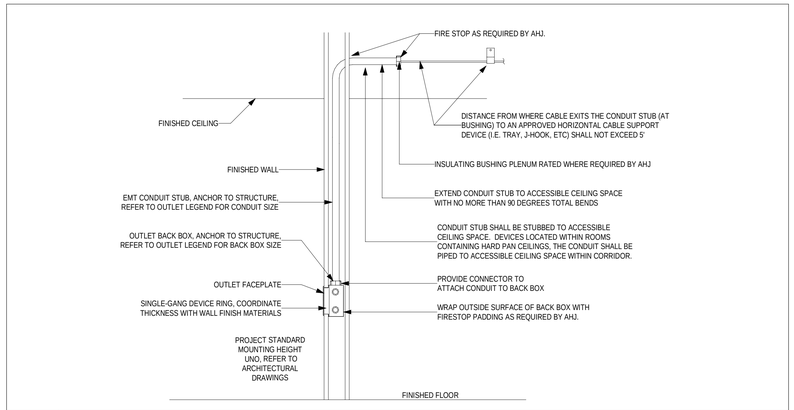
NOT TO SCALE



DETAIL NOTES:
A. CONTRACTOR SHALL COORDINATE WITH OWNER'S IT PERSONNEL FOR EXACT LABELING NOMENCLATURE PRIOR TO ROUGH IN.

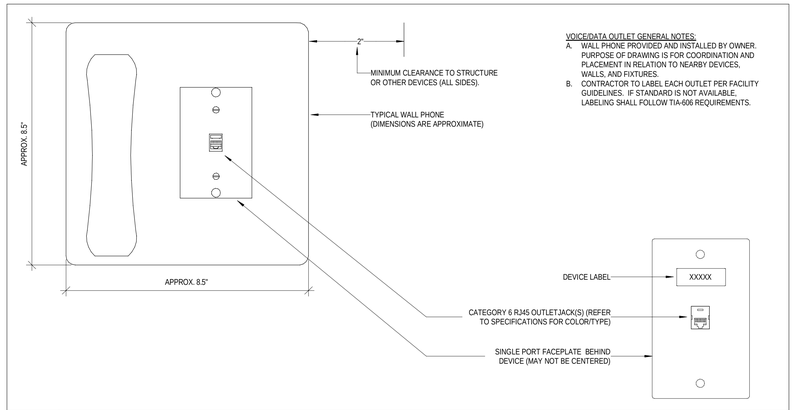
06 CABLE LABEL PLACEMENT DETAIL

NOT TO SCALE



05 CONDUIT STUB-UP DETAIL

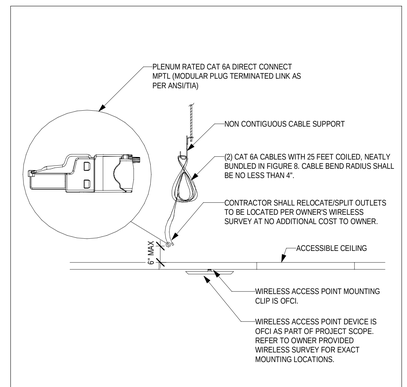
NOT TO SCALE



VOICE/DATA OUTLET GENERAL NOTES:
A. WALL PHONE PROVIDED AND INSTALLED BY OWNER. PURPOSE OF DRAWING IS FOR COORDINATION AND PLACEMENT IN RELATION TO NEARBY DEVICES, WALLS, AND FIXTURES.
B. CONTRACTOR TO LABEL EACH OUTLET PER FACILITY GUIDELINES. IF STANDARD IS NOT AVAILABLE, LABELING SHALL FOLLOW TIA-606 REQUIREMENTS.

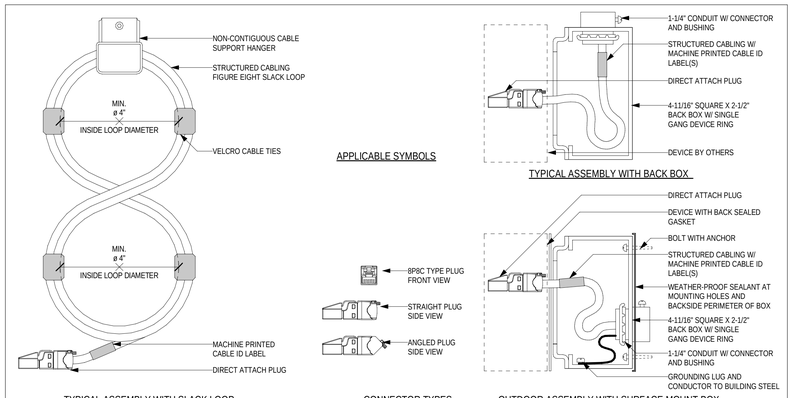
04 WALL PHONE OUTLET INSTALLATION REQUIREMENTS

NOT TO SCALE



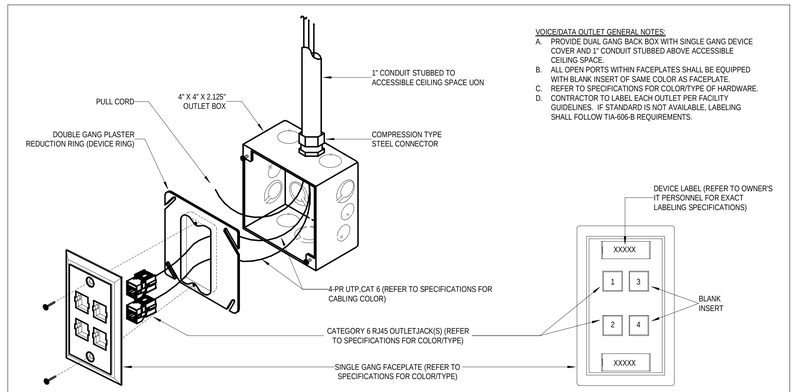
03 WIRELESS ACCESS POINT CONNECTION DETAIL

NOT TO SCALE



02 DIRECT ATTACH OUTLET

NOT TO SCALE



VOICE/DATA OUTLET GENERAL NOTES:
A. PROVIDE DUAL GANG BACK BOX WITH SINGLE GANG DEVICE COVER AND 1" CONDUIT STUBBED ABOVE ACCESSIBLE CEILING SPACE.
B. ALL OPEN PORTS WITHIN FACEPLATES SHALL BE EQUIPPED WITH BLANK INSERT OF SAME COLOR AS FACEPLATE.
C. REFER TO SPECIFICATIONS FOR COLOR/TYPE OF HARDWARE.
D. CONTRACTOR TO LABEL EACH OUTLET PER FACILITY GUIDELINES. IF STANDARD IS NOT AVAILABLE, LABELING SHALL FOLLOW TIA-606-B REQUIREMENTS.

01 WALL MOUNTED OUTLET

NOT TO SCALE

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Consultant:
wsp

STATE OF MISSOURI
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NUMBER PE-2017040128
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DETAILS - TECHNOLOGY

T07-01

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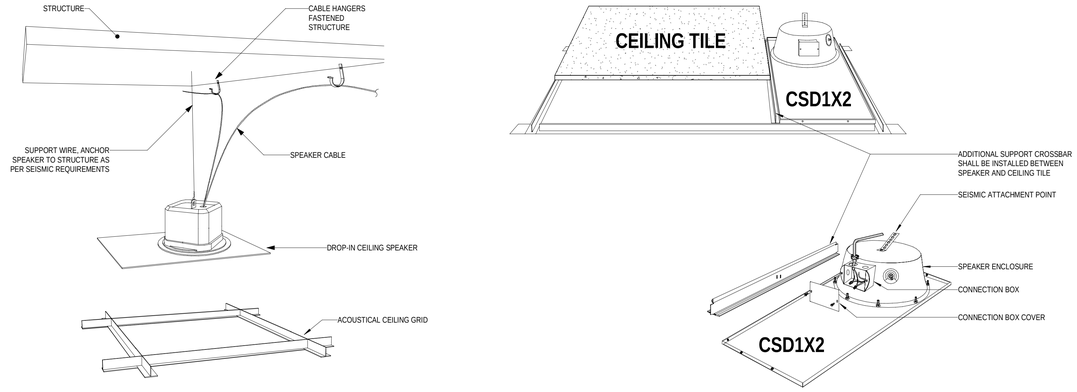
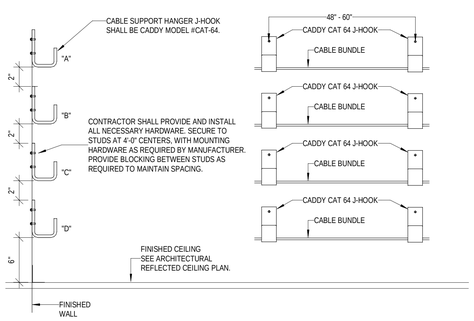
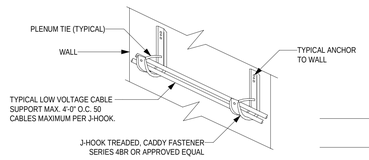


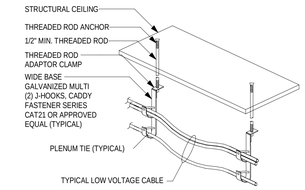
02 1' X 2' LAY-IN CEILING SPEAKER

NOT TO SCALE



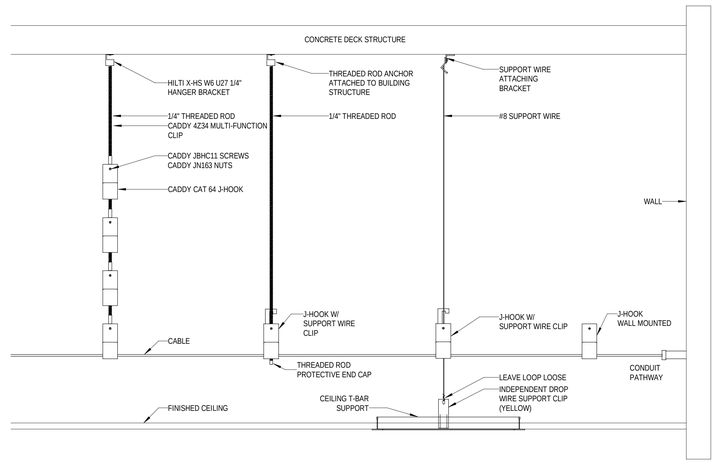


WALL MOUNTED J-HOOK SYSTEM



CEILING MOUNTED THREADED ROD J-HOOK SYSTEM

J-HOOK CABLE MOUNTING TECHNIQUES DETAIL



SYSTEM	CABLE COLOR	SUPPORT TYPE	CEILING ZONE	NOTES	S = SHARED NS = NOT SHARED
VOICE	BLACK	J-1 & J-5	1	CAT 6 FOR TELEPHONE, FAX, ANALOG, VOIP.	
DATA	BLACK	J-1 & J-5	1	CAT 6 FOR IT&S NETWORK NEEDS: PC, PRINTERS, SCANNERS, TIME CLOCKS, PACS	S
CCTV (SECURITY & CLINICAL)	BLACK	J-1 & J-5	1	CAT 6 FOR CCTV CAMERAS.	
WAP	YELLOW	J-1 & J-5	1	CAT 6A FOR WIRELESS ACCESS POINTS (WAPS). WI-FI	
PHYSIOLOGICAL MONITORING (HARDWIRED)	ORANGE	J-2 & J-5	1	CAT 5E FOR HARD WIRED PHYSIOLOGICAL MONITORING (PM), CENTRAL STATIONS, REMOTE VIEW MONITORS, FETAL MONITORS	NS
TELEMETRY COAX (WIRELESS)	WHITE	J-3	2	RG6/RG11/HARDLINE COAX CABLE FOR WIRELESS TELEMETRY DEVICES MOUNTED TO UNDERSIDE OF CEILING.	NS
CATV COAX	BLACK	J-4 & J-5	2	RG6/RG11 COAX CABLE FOR TV SYSTEM	S
CATV DATA	BLUE	J-4 & J-5	2	CAT 5E FOR TV SYSTEM	
NURSE CALL	GREEN	J-2 & J-5	2	CAT 5E AND MIX OF LOW VOLTAGE CONTROL CABLING FOR NURSE CALL SYSTEM	NS
RFID/RTLS	PURPLE	J-3	2	CAT 5E, CAT 6 AND/OR LOW VOLTAGE CONTROL CABLING FOR EQUIPMENT/STAFF LOCATING/TRACKING SYSTEM.	NS
INFANT ABDUCTION	WHITE	J-3	2	CAT 5E, CAT 6 AND/OR LOW VOLTAGE CONTROL CABLING FOR INFANT ABDUCTION SYSTEM	
WONDERING SYSTEM	WHITE	J-3	2	CAT 5E, CAT 6 AND/OR LOW VOLTAGE CONTROL CABLING FOR WONDERING PATIENT TRACKING SYSTEM	NS
OVERHEAD PAGING	GREY	J-3	3	LOW VOLTAGE AUDIO CABLE FOR SPEAKERS, AMPS, MICROPHONES, ETC.	NS
DISTRIBUTED ANTENNA SYSTEM (DAS)	WHITE	J-3	3	COAX CABLE FOR DISTRIBUTED ANTENNA SYSTEM (DAS), CELL BOOSTING AND/OR EMERGENCY RESPONDER RADIO	NS
EMS RADIO	WHITE/ BLACK	J-3	3	COAX CABLE FOR COMMUNICATION BETWEEN EMS AND ED STAFF	NS
BAS	WHITE/ GREY	J-3	3	LOW VOLTAGE CONTROL WIRING FOR BUILDING AUTOMATION CONTROLS	NS
INTERCOM	GRAY	J-4	2	LOW VOLTAGE CONTROL CABLING FOR INTERCOM DEVICES SUCH AS AIPHONES	S
ELECTRONIC ACCESS CONTROL	WHITE	J-4	2	LOW VOLTAGE CONTROL CABLE FOR ELECTRONIC ACCESS CONTROL SYSTEM. CARD READERS, MAG LOCKS, ETC.	
DATA FIBER BACKBONE	YELLOW	J-1	3	FIBER OPTIC CABLE USED FOR NETWORK BACKBONE INFRASTRUCTURE	S
DATA COPPER BACKBONE	YELLOW	J-1	3	MULTI-PAIR COPPER CABLE USED FOR ANALOG/DIGITAL TELEPHONY BACKBONE INFRASTRUCTURE	

SUPPORT	SHORT DESCRIPTION
J-1	MAIN CABLE PATHWAY DOWN CORRIDORS. J-HOOK STYLE SUPPORT EITHER WALL MOUNTED OR SUPPORTED FROM OVERHEAD STRUCTURE. SHOULD BE SIZED BASED ON PRESENT NEED PLUS 30% FUTURE CAPACITY. CAN SUPPORT MULTIPLE SYSTEMS AS OUTLINED.
J-2	MAIN CABLE PATHWAY DOWN CORRIDORS. J-HOOK STYLE SUPPORT EITHER WALL OR CEILING MOUNTED FROM OVERHEAD STRUCTURE. SHOULD BE SIZED FOR PRESENT NEEDS PLUS 30% FUTURE CAPACITY. SHOULD BE DEDICATED TO ONE SYSTEM.
J-3	MAIN CABLE PATHWAY DOWN CORRIDORS. J-HOOK STYLE SUPPORT EITHER WALL OR CEILING MOUNTED FROM OVERHEAD STRUCTURE. SHOULD BE SIZED FOR PRESENT NEEDS WITH NO FUTURE CAPACITY. SHOULD BE DEDICATED TO ONE SYSTEM.
J-4	MAIN CABLE PATHWAY DOWN CORRIDORS. J-HOOK STYLE SUPPORT EITHER WALL OR CEILING MOUNTED FROM OVERHEAD STRUCTURE. SHOULD BE SIZED FOR PRESENT NEEDS PLUS 30% FUTURE CAPACITY. CAN SUPPORT MULTIPLE SYSTEMS AS OUTLINED.
J-5	J-HOOK STYLE SUPPORTS USED TO ROUTE CABLING FROM MAIN CABLE PATHWAY WITHIN CORRIDORS TO OUTLET LOCATION WITHIN ROOMS. SUPPORT MAY SUPPORT ALL LOW VOLTAGE CABLING, UNLESS REQUIRED OTHERWISE, THAT IS BEING ROUTED INTO THE SAME ROOMS.

CEILING ZONE DESCRIPTION	CEILING ZONE #
EASILY ACCESSIBLE FOR FREQUENT MOVES, ADDS, AND CHANGES. MAJORITY OF PATHWAY IS UNDER MOST ALL OTHER SYSTEMS.	1
NOT AS EASILY ACCESSIBLE AS ZONE #1 BUT STILL ACCESSIBLE FOR MOVES, ADDS, AND CHANGES. PATHWAY MAY BE ROUTED ABOVE SOME SYSTEMS BUT STILL ACCESSIBLE USING NORMAL MEANS. ZONE 2 WOULD BE CONSIDERED ABOVE ZONE #1.	2
NOT EASILY ACCESSIBLE. SYSTEMS THAT ARE NOT REGULARLY ACCESSED OR MODIFIED. MAJORITY OF PATHWAY CAN BE LOCATED ABOVE ALL SYSTEMS.	3

CABLE SUPPORT DETAIL NOTES:

A. ALL DEVICE ACCESSORY HARDWARE SHALL BE AS PROVIDED OR AS SPECIFIED BY MANUFACTURER.
B. ALL MOUNTING HARDWARE SHALL MEET OR EXCEED MANUFACTURER SPECIFICATIONS AND FEDERAL, STATE, AND LOCAL AHJ REQUIREMENTS.
C. MAXIMUM DISTANCE BETWEEN CABLE SUPPORTS FOR SHALL NOT EXCEED 4'0".
D. SEAL ALL PENETRATIONS THROUGH RATED WALLS WITH APPROVED SEALANT PER DIVISION 07 SPECIFICATIONS.
E. DIMENSIONS SHOWN ARE FOR COORDINATION PURPOSES ONLY. EXACT LOCATION OF ALL DEVICES SHALL BE VERIFIED IN THE FIELD.
F. SIZE J-HOOKS SO AS NOT TO EXCEED MANUFACTURER FILL LIMITS BASED ON PRESENT NEEDS.
G. CABLE TO BE SECURED TO J-HOOKS UTILIZING ANSI/TIA AND/OR BICSI STANDARDS IN ORDER TO REDUCE PINCH POINTS AND OTHER DETRIMENTAL EFFECTS ON CABLE.
H. WHERE ROUTE CROSSES CORRIDORS, PROVIDE J-HOOKS MOUNTED ON THREADED ROD.
I. WITHIN FIFTY FEET OF ANY TELECOMMUNICATIONS ROOM, SPACING FOR THESE J-HOOKS SHALL BE REDUCED TO 1' - 4' CENTERS.

01 J-HOOK MOUNTING DETAILS

NOT TO SCALE

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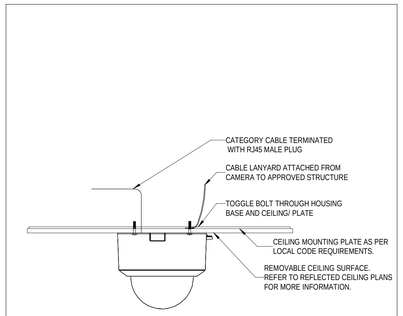
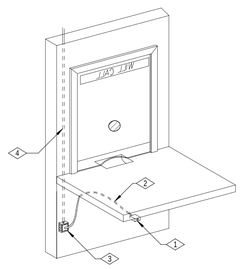


05 SINGLE LENS CAMERA - LAY-IN CEILING MOUNT

NOT TO SCALE

GENERAL NOTES:

1. MILLWORK IS SHOWN HERE FOR REFERENCE ONLY. CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND TO COORDINATE FINAL DEVICE PLACEMENT PRIOR TO INSTALLATION.

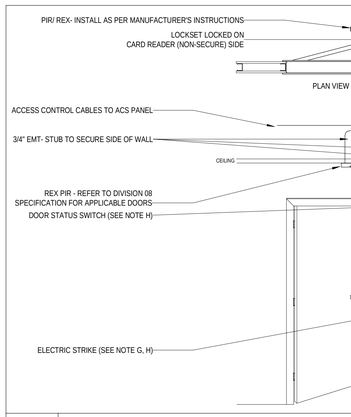


KEY NOTES:

1. DURESS BUTTON: SURFACE MOUNTED DURESS BUTTON UNDER FRONT EDGE OF COUNTER.
2. FLEXIBLE CONDUIT WHIP: 3/4"C. FLEXIBLE WHIP FROM DURESS BUTTON TO J-BOX LOCATED BELOW COUNTER.
3. DURESS BUTTON J-BOX: 4"X4"X2-1/8" (100mmX100mmX54mm) BACK-BOX AND SINGLE GANG FACE PLATE FLUSH MOUNTED IN WALL BELOW COUNTER AT 24" AFF.
4. DURESS BUTTON CONDUIT: 3/4"C. (19mm) FROM J-BOX TO NEAREST ACCESSIBLE CEILING, CABLE TRAY, OR COMM ROOM.

04 DURESS BUTTON - UNDER COUNTER

NOT TO SCALE

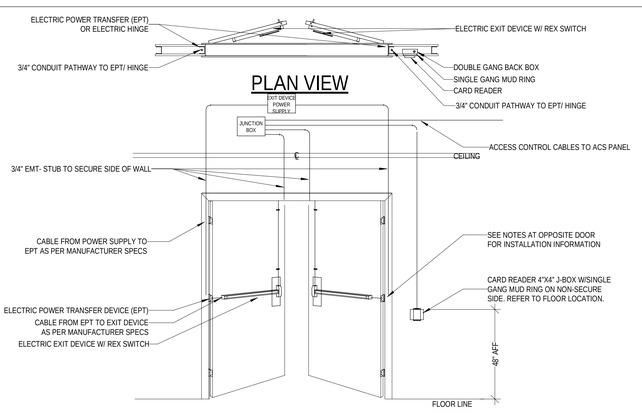


GENERAL NOTES

A. REFER TO FLOOR PLANS FOR DEVICE LOCATIONS.
B. WIRING TO DEVICES SHALL MEET OR EXCEED DEVICE MANUFACTURER'S SPECIFICATIONS.
C. DOOR HARDWARE PROVIDED AND INSTALLED BY DIV. 08 IS SHOWN FOR COORDINATION PURPOSES ONLY. EXACT LOCATION AND INSTALLATION METHODS FOR THESE DEVICES SHALL BE BY DIV. 08.
D. SECURITY CONTRACTOR SHALL PROVIDE PROPER DELAY/ SYNCHRONIZATION BETWEEN LOCKS, LATCHES, MAGNETIC LOCKS, AND AUTO OPENERS FOR DOORS TO OPERATE AS PER HARDWARE SPECIFICATION NOTES.
E. SECURITY/ ACCESS CONTROL, DOOR HARDWARE, AND ELECTRICAL CONTRACTORS SHALL COORDINATE FOR INFRASTRUCTURE, INSTALLATION, AND OPERATIONAL VERIFICATION OF DOOR SYSTEMS PRIOR TO ROUGH IN.
F. NOT ALL DOOR DEVICES MAY BE SHOWN ON THIS SHEET. REFER TO DOOR HARDWARE SPECIFICATION FOR HARDWARE LISTING.
G. SEPARATE POWER SUPPLY MAY BE REQUIRED. CHECK MANUFACTURER REQUIREMENTS AND DIV. 8 SPECIFICATIONS.
H. CONDUIT BY DIV. 26. 3/4" HOLE IN FRAME DRILLED BY DIV. 08 OR DIV. 26. DOOR DEVICE PROVIDED AND INSTALLED BY ACCESS CONTROL CONTRACTOR.
I. DOOR STATUS SWITCH(ES) MAY REQUIRE TO BE RELOCATED DUE TO DOOR HARDWARE INTERFERENCE (IE. VERTICAL RODS, COORDINATORS, ETC.).
J. COORDINATE WITH ELECTRICAL SHEETS FOR POWER TO LOCAL POWER SUPPLIES. REFER TO DIVISION 08 DOOR HARDWARE SPECIFICATION FOR POWER SUPPLY RESPONSIBILITIES.
K. CORING OF DOORS FOR CABLE PATHWAY BETWEEN HINGE/ ETL AND LOCKING DEVICE SHALL BE BY DOOR PROVIDER.
L. ACCESS CONTROL JUNCTION BOX SHALL BE INSTALLED ON SECURE SIDE OF DOOR IN ACCESSIBLE LOCATION. BOX SHALL BE A DOUBLE GANG BOX WITH DOUBLE GANG MUD RING AND BLANK COVER PLATE. IN ADDITION TO CONDUIT PATHWAYS SHOWN, PROVIDE 3/4" CONDUIT PATHWAY FROM BOX TO SECURE SIDE OF WALL.

03 SINGLE DOOR - ELECTRIC STRIKE

NOT TO SCALE

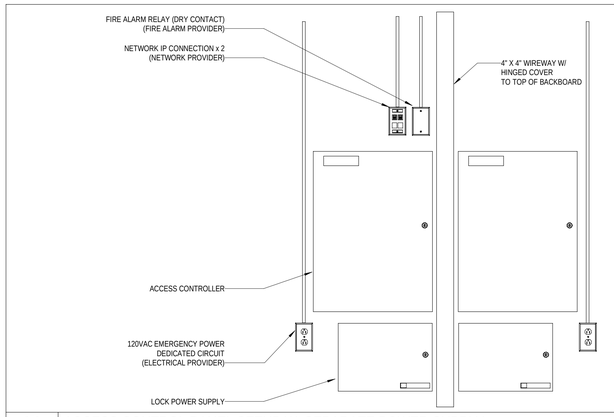


GENERAL NOTES

A. REFER TO FLOOR PLANS FOR DEVICE LOCATIONS.
B. WIRING TO DEVICES SHALL MEET OR EXCEED DEVICE MANUFACTURER'S SPECIFICATIONS.
C. DOOR HARDWARE PROVIDED AND INSTALLED BY DIV. 08. HARDWARE IS SHOWN FOR COORDINATION PURPOSES ONLY. EXACT LOCATION AND INSTALLATION METHODS FOR THESE DEVICES SHALL BE BY DIV. 08.
D. DIVISION 28 CONTRACTOR SHALL PROVIDE PROPER DELAY/SYNCHRONIZATION BETWEEN LOCKS, LATCHES, MAGNETIC LOCKS, AND AUTO OPENERS FOR DOORS TO OPERATE AS PER HARDWARE SPECIFICATION NOTES.
E. DIVISION 08, 26 AND 28 CONTRACTORS SHALL COORDINATE FOR INFRASTRUCTURE, INSTALLATION, AND OPERATIONAL VERIFICATION OF DOOR SYSTEMS PRIOR TO ROUGH IN.
F. NOT ALL DOOR DEVICES MAY BE SHOWN ON THIS SHEET. REFER TO DOOR HARDWARE SPECIFICATION FOR HARDWARE LISTING.
G. SEPARATE POWER SUPPLY MAY BE REQUIRED. CHECK MANUFACTURER REQUIREMENTS AND DIV. 8 SPECIFICATIONS.
H. CONDUIT BY DIV. 26. 3/4" HOLE IN FRAME DRILLED BY DIV. 08 OR DIV. 26. DOOR DEVICE PROVIDED AND INSTALLED BY ACCESS CONTROL CONTRACTOR.
I. DOOR STATUS SWITCH(ES) MAY REQUIRE TO BE RELOCATED DUE TO DOOR HARDWARE INTERFERENCE (IE. VERTICAL RODS, COORDINATORS, ETC.).
J. COORDINATE WITH ELECTRICAL SHEETS FOR POWER TO LOCAL POWER SUPPLIES. REFER TO DIVISION 08 DOOR HARDWARE SPECIFICATION FOR POWER SUPPLY RESPONSIBILITIES.
K. CORING OF DOORS FOR CABLE PATHWAY BETWEEN HINGE/ ETL AND LOCKING DEVICE SHALL BE BY DOOR PROVIDER.
L. ACCESS CONTROL JUNCTION BOX SHALL BE INSTALLED ON SECURE SIDE OF DOOR IN ACCESSIBLE LOCATION. BOX SHALL BE A DOUBLE GANG BOX WITH DOUBLE GANG MUD RING AND BLANK COVER PLATE. IN ADDITION TO CONDUIT PATHWAYS SHOWN, PROVIDE 3/4" CONDUIT PATHWAY FROM BOX TO SECURE SIDE OF WALL.

02 DOUBLE DOOR - ELECTRIC EXIT DEVICES

NOT TO SCALE



01 ACCESS CONTROL PANEL SETUP W/ SEPARATE POWER SUPPLY

NOT TO SCALE

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STATE OF MISSOURI
BRADY DURAN WHEELER
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PROFESSIONAL ENGINEER
05/29/2025
WSP USA Buildings Inc. 2013001881

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT MEDICAL CENTER
2000 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
A	CITY - 2ND REVIEW	2025/05/29

DATE:	04/18/2025
SCALE:	As indicated
DRAWN:	FT
REVIEWED:	MC
JOB NUMBER:	6406.24

DETAILS - TECHNOLOGY

T07-03

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TECHNOLOGY SYSTEMS EQUIPMENT AND STRUCTURED CABLING COORDINATION SCHEDULE

SYSTEM	EQUIPMENT			CABLING					ROUGH IN						GROUNDING
	EQUIPMENT FURNISHED BY	EQUIPMENT INSTALLED BY	TEST/CERTIFIED BY	CABLE FURNISHED BY	CABLE INSTALLED BY	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)	BACK BOXES PROVIDED BY	BACK BOXES INSTALLED BY (NOTE 5)	FLOOR/WALL CORES/SLEEVES BY (NOTE 6)	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)	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
WIRELESS ACCESS POINT (WAP)	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
IT&S/DATA EQUIPMENT (TEC/TDR)	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
IT&S/VOICE EQUIPMENT (TEC/TDR)	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
WORKSTATION / EQUIPMENT 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
MEDICAL EQUIPMENT NETWORK CONNECTED DEVICES (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
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	N/A	N/A	N/A	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	DIV 27	DIV 26	DIV 26	DIV 26	N/A
CROSS ROOM NURSE CALL CONTROL	TV	TV	TV	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 27	DIV 26	N/A	DIV 26	DIV 26	N/A	N/A
TV OUTLET COVER PLATE	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	N/A
TELEVISIONS (PATIENT, WAITING, STAFF LOUNGE, ETC.)	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
TELEVISION WALL MOUNTING BRACKET	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
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	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
ELECTRONIC ACCESS 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	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	DIV 08	N/A	N/A	DIV 26	N/A	DIV 26	DIV 26	N/A	N/A
WIRELESS PANIC BUTTON (IF APPLICABLE)	PB	PB	PB	N/A	N/A	N/A	PB	PB	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WIRED PANIC BUTTON (IF APPLICABLE)	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
INFANT PROTECTION	OWNER	OWNER	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	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	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
ZONE DISTRIBUTION EQUIPMENT (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 MONITORING (PM)	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
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	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	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	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	DIV 27	
FIRE RATED PLYWOOD BACKBOARDS	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	
CABLE MANAGEMENT (VERTICAL/HORIZONTAL)	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	DIV 27	
UNINTERRUPTIBLE POWER SUPPLY (UPS)	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	
NETWORK SWITCHES, SERVERS, & ADDITIONAL NETWORK GEAR EQUIP.	OWNER	OWNER	OWNER	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	OWNER	
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	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	
GROUNDING/BONDING															
TELECOMMUNICATIONS BONDING BACKBONE (TBB)	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	DIV 26	DIV 26
TELECOMMUNICATIONS GROUNDING BUSS BAR (TGB)	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
MISC. SYSTEMS															
SYNCHRONIZED CLOCK 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	DIV 26 OR 27	N/A	N/A	N/A	DIV 26	DIV 26	N/A	N/A
REAL TIME LOCATING SYSTEM (RTLS)	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
DISTRIBUTED ANTENNA SYSTEMS (DAS)	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER
EMERGENCY RESPONDER RADIO COMMUNICATIONS (ERRCS)	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER
TEMPERATURE MONITORING SYSTEM	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
EMS RADIO	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	OWNER	N/A

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.
5. INCLUDES REQUIRED CONDUIT STUB UP TO ABOVE ACCESSIBLE CEILING SPACE.
6. INCLUDES SLEEVES THROUGH CONCRETE/MASONRY WALLS REQUIRING CORING OR LEAVE-OUTS.
7. 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.
8. 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.
9. VOICE/DATA WORKSTATION & MEDICAL EQUIPMENT DEVICES INCLUDE, BUT ARE NOT LIMITED TO THE FOLLOWING:
   - A. PCS
   - B. PRINTERS (NETWORK, LASER, MULTIFUNCTION, LAB, SCRIPT, ETC.)
   - C. FAX MACHINES
   - D. COPIERS
   - E. TRACKER MONITORS
   - F. TIME CLOCK (EMPLOYEE)
   - G. WIRELESS ACCESS POINTS
   - H. TELEPHONE SETS
   - I. MED DISPENSERS
   - J. SCANNERS
   - K. LAB EQUIPMENT (STERILIZERS, ETC.)
   - L. POINT OF USE (POU) SCANNER
   - M. ULTRA SOUND MACHINE
   - N. ADDITIONAL MEDICAL EQUIPMENT

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

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wsp

STATE OF MISSOURI
ANDY SUSAN WHEELER
NUMBER PE-2017004125
PROFESSIONAL ENGINEER
05/29/2025
WSP USA Buildings Inc. 2013001881

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ADMINISTRATION RELOCATION

HCA - LEE'S SUMMIT MEDICAL CENTER
A 2000 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
A	CITY - 2ND REVIEW	2025/05/29

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

SCHEDULES - TECHNOLOGY

T08-01

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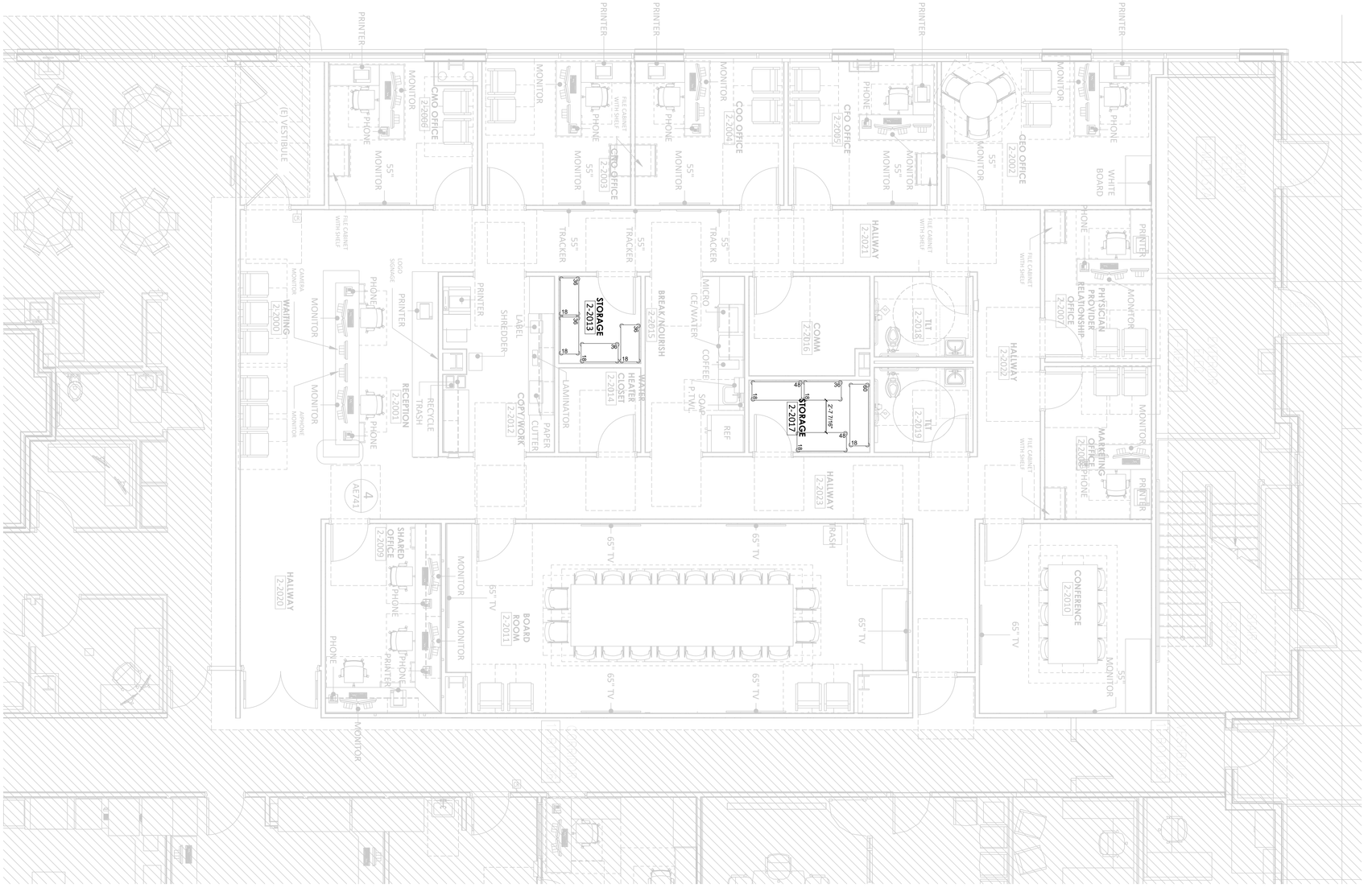

LEE'S SUMMIT MEDICAL CENTER

2000 SE BLUE PKWY LEE'S SUMMIT, MO 64063

ADMIN

ARCH. DATE: 02-06-2025
PROJ. MANAGER: CA
DWN. BY: DB
SCALE: 1/4"=1'-0"
SS REV. -

StorageSystems UNLIMITED
A CME Corp Company

ARCH. REV. DESIGNER GROUP

ISSUE DATE: 04-11-2025
STORAGE SYSTEMS LAYOUT
QUOTE #: 19745
DRAWING #
SS-1

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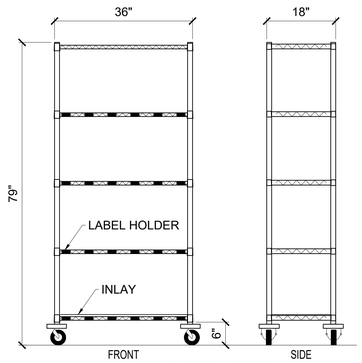
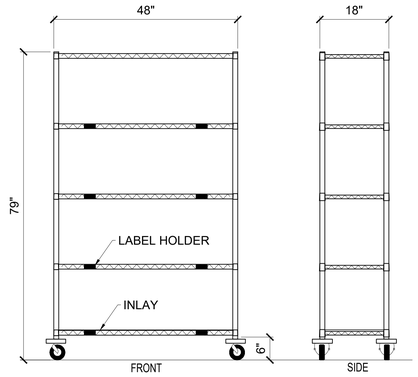


#SSUKIT1275

WIRE SHELVING 36"W x 18"D x 79"H
5 SHELVES WITH CASTERS
QUANTUM

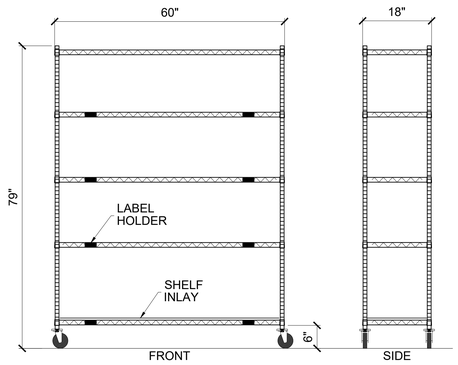
Room
2-2013
2-2017



#SSUKIT1291

WIRE SHELVING 48"W x 18"D x 79"H
5 SHELVES WITH CASTERS
QUANTUM

Room
2-2017



#SSUKIT1294

WIRE SHELVING 60"W x 18"D x 79"H
5 SHELVES WITH CASTERS
QUANTUM

Room
2-2017

ARCHITECT / CONTRACTOR NOTE:

1. VERIFY LOCKER LOCATION TO A HEIGHT OF 84" AFF IS FREE AND CLEAR OF ANY OBSTRUCTIONS SUCH AS; CLOCKS, TELEPHONE JACKS, ELECTRICAL OUTLETS, LIGHT SWITCHES, FIRE ALARMS, THERMOSTATS, CALL BOXES, ETC.;
2. CLARIFY ALL OBSTRUCTIONS WITH A DESCRIPTION AND DIMENSION TO THE OBSTRUCTION.

INSTALLER NOTE:

1. VERIFY CEILING HEIGHTS.
2. RETURN ALL INFORMATION TO STORAGE SYSTEMS UNLIMITED WITH ANY OTHER PERTINENT INFORMATION.
3. VERIFY ALL ROOM DIMENSIONS INCLUDING DOOR OPENINGS, WINDOW OPENINGS, AND COLUMNS.

ARCH. FIRM: DEVENNEY GROUP

StorageSystems UNLIMITED
A CME Corp Company

ARCH. DATE: 03-06-2025
PROJ. MANAGER: CA
DWN. BY: DB
SCALE: NTS

SS REV. -

LEE'S SUMMIT MEDICAL CENTER
2000 SE BLUE PKWY LEE'S SUMMIT, MO 64063
ADMIN

ISSUE DATE: 04-11-2025

EQUIPMENT ELEVTIONS

QUOTE #: 150745

DRAWING #

SS-2

30x42

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