HCA - LEE'S SUMMIT MEDICAL CENTER

ED EXPANSION

2100 SE BLUE PKWY LEE'S SUMMIT, MO 64063

DGL PROJECT NO 6406.24.0003
HCA PROJECT NO. 0972400011

DATE:
2025/06/05 A B

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

SUBMITTALS:	DATE:
CITY & STATE - 1ST REVIEW	04/18/2025
CITY - 2ND REVIEW	06/05/2025 A
DESIGN COORDINATION	06/05/2025 B

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 1A - 2021020749
DATE SIGNED: 06.05.25

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: PAIGE CZIRR 615.321.0696

STANELY D. LINDSEY AND ASSOCIATES, LTD.
STRUCTURAL
750 OLD HICKORY BLVD, BUILDING 1 SUITE 175
BRENTWOOD, TN 37027
PRINICPAL-IN-CHARGE/PROJECT MANAGER: JASON PERRY 615.963.3727

CATALYST DESIGN GROUP
CIVIL
5100 TENNESSEE AVE
NASHVILLE, TN 37209
PRINICPAL ENGINEER: JACK PARKER 615.622.7220

JE DUNN
GENERAL CONTRACTOR
1001 LOCUST STREET
KANSAS CITY, MO 64106
PROJECT EXECUTIVE: BRADY MYERS 816.292.8619

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, Az 85251
T: 602.943.8950
F: 602.943.7645

www.devenneygroup.com

HCA VENDOR INFORMATION

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

GE HEALTHCARE TECHNOLOGIES
TAREY ISBELL, TAREY.ISBELL@GE.COM

HILL-ROM (NURSE CALL)
SEDRIC MCQUEEN, SEDRIC.MCQUEEN@HILL-ROM.COM

STORAGE SYSTEMS (STORAGE)
CATHERINE ADKINS, CADKINS@STORAGESYSTEMSUL.COM

AMBIANCE
KATHERINE LEHMAN, KATHERINEL@AMBIANCEART.COM

OFS (FURNITURE)
CANDY MANRING, CMANRING@OFS.COM

STERIS (EXAM LIGHTS)
JOHN FLEMING, JOHN FLEMING@STERIS.COM

GE (PATIENT MONITORING)
JOEY WEST, JOSEPH.WEST@GE.COM

PHOENIX TEXTILES
SCOTT RODGERS, SRODGERS@PHOENIXTEXTILE.COM

SHEET INDEX

		A	B
X = ISSUED SHEET			
R = REVISED SHEET			
F = FOR REFERENCE ONLY			
D = DELETED SHEET			
SHEET NUMBER	**SHEET NAME**	**CITY & STATE - 1ST REVIEW - 04/18/25**	**CITY - 2ND REVIEW - 06/05/25** / **DESIGN COORDINATION - 06/05/2025**
GENERAL INFORMATION			
GI000	COVER SHEET	X	R	R
GI001	SHEET INDEX	X	R	R
GI101	PROJECT INFORMATION, AREA MAPS, SYMBOLS	X	R	
CIVIL			
C0.0	COVER SHEET	X		
C1.0	EXISTING CONDITIONS	X		
C2.0	GENERAL NOTES	X		
C3.0	DEMOLITION PLAN	X		R
C4.0	LAYOUT PLAN	X		R
C5.0	GRADING, DRAINAGE, & UTILITY PLAN	X		R
C5.1	DRAINAGE AREA MAP	X		
C5.2	SITE ACCESSIBILITY PLAN	X		R
C6.0	SITE DETAILS	X		R
C6.1	SITE DETAILS	X		R
LANDSCAPE			
L1.0	LANDSCAPE PLAN	X		R
L2.0	TREE CONSERVATION PLAN	X		R
L3.0	LANDSCAPE DETAILS	X		
STRUCTURAL			
S001	STRUCTURAL AXON VIEW	X		
S011	STRUCTURAL NOTES	X		
S012	STRUCTURAL NOTES CONTINUED	X		
S021	SPECIAL INSPECTIONS AND WIND PRESSURES DIAGRAM	X		
S101	LEVEL 1 - FOUNDATION PLAN	X		R
S102	LEVEL 2 - ROOF FRAMING PLAN	X		R
S201	FOUNDATION AND SLAB ON GROUND SECTION AND DETAILS	X		R
S301	STEEL & ROOF FRAMING SECTIONS AND DETAILS	X		R
S302	STEEL & ROOF FRAMING SECTIONS AND DETAILS	X		
ARCHITECTURAL LIFESAFETY			
AC101	LIFE SAFETY FLOOR PLAN – LEVEL 1	X	R	R
AC501	PARTITION TYPES & DETAILS	X		
AC521	TYPICAL MOUNTING HEIGHTS	X		
AC522	TYPICAL MOUNTING HEIGHTS	X		
AC523	TYPICAL MOUNTING HEIGHTS	X		
ARCHITECTURAL DEMOLITION			
AD100	DEMOLITION PLAN - LEVEL 1	X		R
AD104	DEMOLITION PLAN - ROOF	X		R
AD171	DEMOLITION RCP - LEVEL 1	X		R
AD400	DEMOLITION SECTIONS	X		R
ARCHITECTURAL SITE			
AS001	ARCHITECTURAL SITE PLAN	X		
AS002	EXTERIOR CANOPY & DOOR SIGNAGE DETAILS	X		R
ARCHITECTURAL			
AE101	ANNOTATION FLOOR PLAN - LEVEL 1	X	R	R
AE102	DIMENSION FLOOR PLAN - LEVEL 1	X	R	R
AE111	OVERALL ROOF PLAN	X		
AE141	EDGE-OF-SLAB PLAN - LEVEL 1	X		
AE181	REFLECTED CEILING PLAN - LEVEL 1	X		R
AE201	EXTERIOR BUILDING ELEVATIONS	X		R
AE301	BUILDING SECTIONS	X		
AE311	EXTERIOR WALL SECTIONS	X		
AE401	ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - TRAUMA	X		
AE402	ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - TYPICAL EXAM ROOM	X		R
AE403	ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - A.I.I.	X		R
AE404	ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - NURSE STATION 'A'	X		R
AE405	ENLARGED PLANS, INTERIOR ELEVATIONS - MEDS, SOILED, CLEAN, NOURISH	X		
AE406	ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - NURSE STATION 'B'	X		R
AE407	ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - RECEPTION, SHARED OFFICE, TRIAGE	X		R
AE408	ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - STAFF LOUNGE, NURSE WORK, EMS	X	R	R
AE450	ENLARGED CANOPY PLANS, SECTIONS & DETAILS	X		R
AE501	EXTERIOR DETAILS	X		R
AE531	EXTERIOR ROOF DETAILS	X		
AE532	EXTERIOR ROOF DETAILS	X		R
AE601	DOOR SCHEDULES, DOOR & FRAME TYPES	X	R	R
AE631	EXTERIOR & INTERIOR DOOR DETAILS	X		
AE651	WINDOW SCHEDULES, FRAME TYPES & DETAILS	X		R
AE701	INTERIOR DETAILS	X		
AE720	INTERIOR CEILING/ SOFFIT DETAILS	X		
AE740	CASEWORK AND MILLWORK DETAILS	X		
AE741	MILLWORK DETAILS	X		
INTERIORS			
AF001	GENERAL FINISH SPECIFICATIONS AND NOTES	X		R
AF002	GENERAL FINISH SPECIFICATIONS AND NOTES	X		R
AF101	FINISH FLOOR PLAN - LEVEL 1	X		R
AF102	WALL PROTECTION PLAN - LEVEL 1	X		
AF103	FLOOR PATTERN PLAN - LEVEL 1	X		R
AF104	FURNITURE PLAN - LEVEL 1	X		R
AF105	SIGNAGE PLAN - LEVEL 1	X		
AF106	SIGNAGE KEY	X		
AF107	SIGNAGE KEY	X		

SHEET INDEX

		A	B
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SHEET NUMBER	**SHEET NAME**	**CITY & STATE - 1ST REVIEW - 04/18/25**	**CITY - 2ND REVIEW - 06/05/25** / **DESIGN COORDINATION - 06/05/2025**
PLUMBING			
P00-00	GENERAL INFORMATION - PLUMBING	X	R	R
PD02-00	DEMOLITION UNDERFLOOR PLAN - LEVEL 00 - PLUMBING	X		R
PD02-01	DEMOLITION PLAN - LEVEL 01 - PLUMBING	X		R
PD02-01A	DEMOLITION PLAN - LEVEL 1 ICU - PLUMBING			
PD03-01	DEMOLITION PLAN - LEVEL 01 - MEDICAL GAS	X		
P02-00	UNDERFLOOR PLAN - LEVEL 00 - PLUMBING	X		R
P02-01	FLOOR PLAN - LEVEL 01 - PLUMBING	X		R
P02-01A	FLOOR PLAN - LEVEL 1 ICU - PLUMBING			
P02-02	FLOOR PLAN - LEVEL 02 - PLUMBING			X
P03-01	FLOOR PLAN - LEVEL 01 - MEDICAL GAS	X		
P06-01	RISER DIAGRAM - PLUMBING	X		R
P07-01	DETAILS - PLUMBING	X		
P08-01	SCHEDULES - PLUMBING	X		R
MECHANICAL			
M00-00	GENERAL INFORMATION - MECHANICAL	X		
M01-01	CONTROLS - MECHANICAL	X		
M01-02	CONTROLS - MECHANICAL	X		
MD02-01	DEMOLITION PLAN - LEVEL 01 - HVAC	X		
MD02-02	DEMOLITION PLAN - LEVEL 02 - HVAC	X		
MD03-01	DEMOLITION PLAN - LEVEL 01 - HVAC PIPING	X		
MD03-02	DEMOLITION PLAN - LEVEL 02 - HVAC PIPING	X		
M02-01	FLOOR PLAN - LEVEL 01 - HVAC	X		R
M02-02	FLOOR PLAN - LEVEL 02 - HVAC	X		
M03-01	FLOOR PLAN - LEVEL 01 - HVAC PIPING	X		R
M03-02	FLOOR PLAN - LEVEL 02 - HVAC PIPING	X		
M05-01	ENLARGED FLOOR PLANS - MECHANICAL	X		
M06-01	RISER DIAGRAM - MECHANICAL	X		
M07-01	DETAILS - MECHANICAL	X		
M07-02	DETAILS - MECHANICAL	X		
M07-03	DETAILS - MECHANICAL	X		
M07-04	DETAILS - MECHANICAL	X		
M07-05	DETAILS - MECHANICAL	X		
M08-01	SCHEDULES -MECHANICAL	X		
M08-02	SCHEDULES -MECHANICAL	X		
ELECTRICAL			
E00-00	GENERAL INFORMATION - ELECTRICAL	X		
ED02-01	DEMOLITION PLAN - LEVEL 01 - POWER	X		
ED02-02	DEMOLITION PLAN - LEVEL - 02 - POWER	X		
E02-00	FLOOR PLAN - LEVEL 01 - OVERALL	X		
E02-01	FLOOR PLAN - LEVEL 01 - POWER	X		R
E02-02	FLOOR PLAN - LEVEL 02 - POWER	X		
E03-00	FLOOR PLAN - LEVEL 01 - SITE LIGHTING - PHOTOMETRICS	X		
E03-01	FLOOR PLAN - LEVEL 01 - LIGHTING	X		R
E04-01	FLOOR PLAN - LEVEL 01 - SPECIAL SYSTEM	X		R
E05-01	ENLARGED FLOOR PLAN	X		R
E06-01	ONE LINE DIAGRAM - ELECTRICAL DEMO	X		
E06-02	ONE LINE DIAGRAM - ELECTRICAL NEW	X		R
E06-03	ONE LINE DIAGRAM - EMERGENCY DEMO	X		
E06-04	ONE LINE DIAGRAM - EMERGENCY - NEW	X		R
E07-01	DETAILS - ELECTRICAL	X		
E07-02	DETAILS - ELECTRICAL	X		
E08-01	SCHEDULES - ELECTRICAL	X		R
E08-02	SCHEDULES - ELECTRICAL	X		
E08-03	SCHEDULES - ELECTRICAL	X		
TECHNOLOGY			
T00-00	GENERAL INFORMATION - TECHNOLOGY	X		R
TD02-01	DEMOLITION PLAN - LEVEL 01 - COMMUNICATIONS	X		R
T02-01	FLOOR PLAN - LEVEL 01 - COMMUNICATIONS	X		
T03-01	FLOOR PLAN - LEVEL 01 - LOW VOLTAGE	X		R
T04-01	FLOOR PLAN - LEVEL 01 - SECURITY	X		R
T05-01	ENLARGED FLOOR PLAN - TECHNOLOGY	X		R
T06-01	RISER DIAGRAM - TECHNOLOGY	X		
T07-01	DETAILS - TECHNOLOGY	X		
T07-02	DETAILS - TECHNOLOGY	X		
T07-03	DETAILS - TECHNOLOGY	X		
T07-04	DETAILS - TECHNOLOGY	X		
T07-05	DETAILS - TECHNOLOGY	X		
T08-01	SCHEDULES - TECHNOLOGY	X		
VENDOR - STORAGE SOLUTIONS - FOR REFERENCE ONLY			
SS-1	STORAGE SYSTEM LAYOUT	X		
SS-2	ELEVATIONS	X		

Devenney GROUP

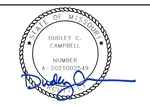
Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:



DATE SIGNED: 06.05.25

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

ED EXPANSION

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

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/06/05
B	DESIGN COORDINATION	2025/06/05

DATE:	2025/04/18
SCALE:	
DRAWN:	LL
REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

SHEET INDEX

GI001

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.

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0003 HCA - LSMC ED Expansion_R23.rvt

6/24/2025 11:04:44 AM

LEVEL 1 PLUMBING FIXTURE REQUIREMENTS

CLASSIFICATION	OCCUPANCY	DESCRIPTION	WATER CLOSETS		LAVATORIES		BATHTUBS OR SHOWERS	DRINKING FOUNTAINS	OTHER
			MALE	FEMALE	MALE	FEMALE			
INSTITUTIONAL	I-2	MEDICAL CARE RECIPIENTS IN HOSPITALS AND NURSING HOMES1	1 PER ROOM		1 PER ROOM		1 PER 15	1 PER 100	1 SERVICE SINK
			28		28		28	28	1
		REQUIRED	28		28		1.87	1	
		PROVIDED	**28**		**28**		**28**	**1 (EXISTING)**	**1**
	I-2	EMPLOYEES IN HOSPITALS AND NURSING HOMES1	1 PER 25	1 PER 25	1 PER 35	1 PER 35		1 PER 100	
			10	10	10	10	-	20	-
		REQUIRED	1	1	1	1		1	
		PROVIDED	**28**		**28**		**-**	**1 (EXISTING)**	**-**
	I-2	VISITORS IN HOSPITALS AND NURSING HOMES	1 PER 75	1 PER 75	1 PER 100	1 PER 100		1 PER 500	
			41	41	41	41	-	82	-
		REQUIRED	1	1	1	1		1	
		PROVIDED	**1 (EXISTING)**	**1 (EXISTING)**	**1 (EXISTING)**	**1 (EXISTING)**	**-**	**1 (EXISTING)**	**-**

NOTES:
*TOTAL OCCUPANTS FOR LEVEL 3 ADDITION IS 129 OCCUPANTS. REFER TO SHEET AC103 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

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 / AE301)

WALL SECTION — SECTION DESIGNATION / SHEET NUMBER (3 / AE301)

DETAIL — DETAIL NUMBER / SHEET NUMBER (1 / AE301)

EXTERIOR ELEVATION — ELEVATION DESIGNATION / SHEET NUMBER (1 / A3.01)

INTERIOR ELEVATION — ELEVATION DESIGNATION / SHEET NUMBER (1 / A3.01)

PARTITION TYPE — A4

DOOR IDENTIFICATION — DOOR # (101) — NEW / EXIST.

WINDOW IDENTIFICATION — A

EQUIPMENT IDENTIFICATION — 54123

ROOM NAME AND NUMBER — LOBBY 105 — ROOM NAME / ROOM NUMBER

CEILING ELEVATION REFERENCE — 9'-0"

KEYNOTE REFERENCE — XX

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

ELEVATION CHANGE REFERENCE — 1'-0"

MATERIAL CHANGE REFERENCE — CT / CPT

REVISION — A — STANDARD

PRE-PERMIT REVISION

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

COLUMN OR GRID LINE — D / 2

KEY FOR ENLARGED PLAN — 1 / AE411

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
- STOREFRONT DESIGN AND ENGINEERING
- SPRAY APPLIED FIRE PROOFING DESIGN AND ENGINEERING
- FIRE RESISTANT JOINT SYSTEM DESIGN AND ENGINEERING
- EXTERIOR SIGNAGE DESIGN AND ENGINEERING
- INTERIOR SIGNAGE DESIGN AND ENGINEERING
- LIGHT GAGE METAL STUD FRAMING DESIGN AND ENGINEERING
- A FIRE PROTECTION ASSEMBLIES - J1 DETAILS

PROJECT DATA

PROJECT NAME	HCA - LEE'S SUMMIT MEDICAL CENTER - EMERGENCY DEPARTMENT EXPANSION
ADDRESS	2100 SE BLUE PKWAY
	LEE'S SUMMIT, MO 64063
BRIEF PROJECT DESCRIPTION	
	THIS PROJECT INCLUDES THE FOLLOWING COMPONENT: •LEVEL 1: - NEW CONSTRUCTION AND RENOVATION TO EXPAND THE EXISTING ED DEPARTMENT WITH ADDITIONAL EXAM ROOMS AND STAFF SUPPORT SPACES. MAJOR AND MINOR RENOVATION OF EXISTING SPACES TO ALLOW FOR A COHESIVE LOOK THROUGH OUT THE EMERGENCY DEPARTMENT.
PROJECT SCOPE AREAS (GROSS)	
	LEVEL 1: - EMERGENCY DEPARTMENT
	11,990 SF RENOVATION
TOTAL PROJECT AREA (GROSS)	**11,990 (SF)**
CONSTRUCTION TYPE (HOSPITAL)	IB A
Fire Sprinklers	Full Per NFPA 13
Fire Alarms	Provided
Emergency Lighting	Provided

Fire Resistance Rating Requirements for Building Elements		
Building Element	TYPE IB CONSTRUCTION (HOSPITAL)	
Primary Structural Frame	2a,b	Hours
Bearing walls: Exterior	2	Hours
Bearing walls: Interior	2a	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	2	Hours
Roof construction and associated secondary members	1b	Hours

A *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
Governing Codes (Jurisdictional)	**Missouri Dept. of Health and Senior Services**
	2014 Guidelines for Design and Construction of Health Care Facilities
	The following 2012 National Fire Codes (NFPA)
	a. NFPA 70 National Electrical Code
	b. NFPA 101 Life Safety Code
	c. 2012 Supplements

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

Consultant:

STATE OF MISSOURI — DUDLEY O. CAMPBELL — NUMBER A-2021002549

DATE SIGNED: 06.05.25

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ED EXPANSION

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

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/06/05

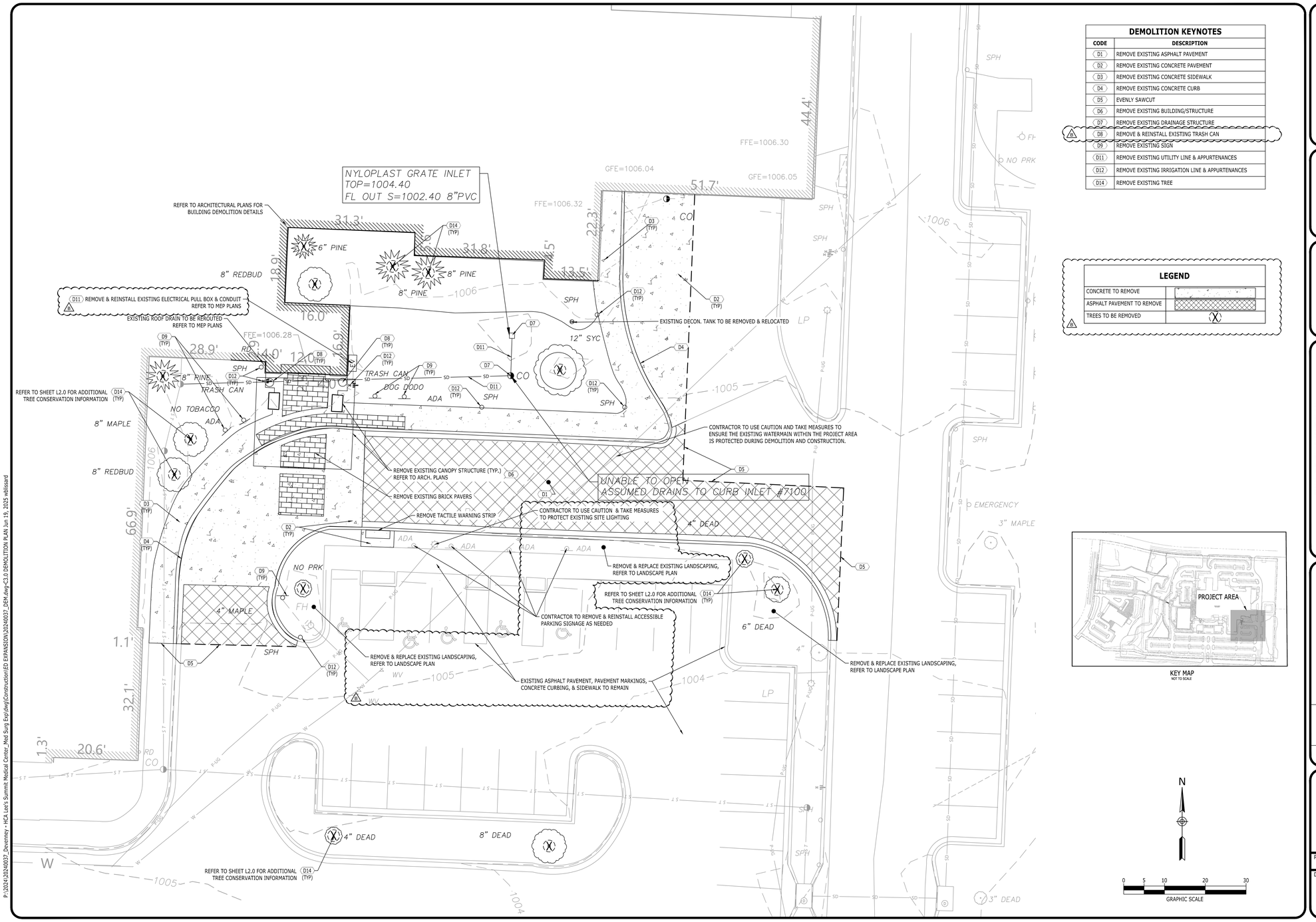
DATE:	2025/04/18
SCALE:	
DRAWN:	LL
REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

PROJECT INFORMATION, AREA MAPS, SYMBOLS

GI101

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.

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0003 HCA - LSMC ED Expansion_R23.rvt
6/23/2025 9:49:02 AM



DEMOLITION KEYNOTES

CODE	DESCRIPTION
D1	REMOVE EXISTING ASPHALT PAVEMENT
D2	REMOVE EXISTING CONCRETE PAVEMENT
D3	REMOVE EXISTING CONCRETE SIDEWALK
D4	REMOVE EXISTING CONCRETE CURB
D5	EVENLY SAWCUT
D6	REMOVE EXISTING BUILDING/STRUCTURE
D7	REMOVE EXISTING DRAINAGE STRUCTURE
D8	REMOVE & REINSTALL EXISTING TRASH CAN
D9	REMOVE EXISTING SIGN
D11	REMOVE EXISTING UTILITY LINE & APPURTENANCES
D12	REMOVE EXISTING IRRIGATION LINE & APPURTENANCES
D14	REMOVE EXISTING TREE

LEGEND

CONCRETE TO REMOVE	
ASPHALT PAVEMENT TO REMOVE	
TREES TO BE REMOVED	X

KEY MAP
NOT TO SCALE

N

0 5 10 20 30
GRAPHIC SCALE

P:\20241\20240037_Devenney - HCA Lee's Summit Medical Center_Med Surg Exp\dwg\Construction\ED EXPANSION\20240037_DEM.dwg-C3.0 DEMOLITION PLAN Jun 19, 2025 wbissard

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

Catalyst Design Group
1524 WILLIAMS DRIVE, SUITE 201, MURFREESBORO, TN 37129
(615) 622-7200 | WWW.CATALYST-DG.COM

JACK S. PARKER
NUMBER
PE-2010040852
STATE OF MISSOURI
06/05/2025

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FINAL DEVELOPMENT PLAN

HCA LEE'S SUMMIT MEDICAL CENTER

2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO, 64063
JACKSON COUNTY

ED EXPANSION

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

Catalyst Design Group
1524 WILLIAMS DRIVE, SUITE 201, MURFREESBORO, TN 37129
(615) 622-7200 | WWW.CATALYST-DG.COM

LEE'S SUMMIT
MEDICAL CENTER
2100 SE BLUE PARKWAY
LEE'S SUMMIT, MO 64063
816-282-5000

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

NO.	DESCRIPTION	DATE
B	DESIGN COORDINATION	06/05/2025

REVISIONS

REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DRAWING TITLE

DEMOLITION PLAN

PROJECT NUMBER
20240037

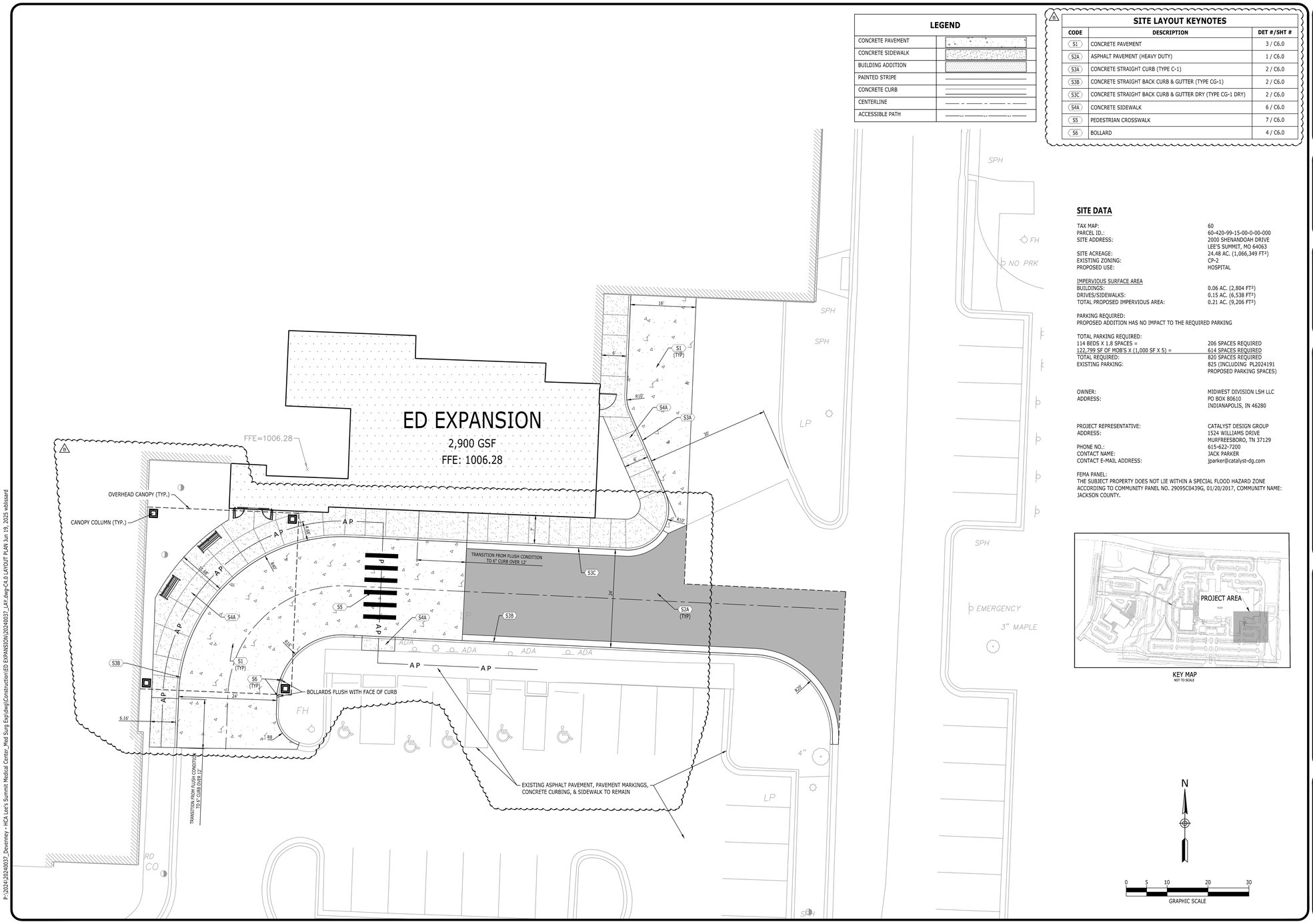
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DRAWN:	AP
REVIEWED:	JP
JOB NUMBER:	6406.24

DEMOLITION PLAN

C3.0

Autodesk Docs://6406.24 0001 - HCA - LSMC MedSurg Expansion_rvt23/6406.24 0001 HCA - LSMC Med Surg Expansion.rvt
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LEGEND

CONCRETE PAVEMENT	
CONCRETE SIDEWALK	
BUILDING ADDITION	
PAINTED STRIPE	
CONCRETE CURB	
CENTERLINE	
ACCESSIBLE PATH	

SITE LAYOUT KEYNOTES

CODE	DESCRIPTION	DET #/SHT #
S1	CONCRETE PAVEMENT	3 / C6.0
S2A	ASPHALT PAVEMENT (HEAVY DUTY)	1 / C6.0
S3A	CONCRETE STRAIGHT CURB (TYPE C-1)	2 / C6.0
S3B	CONCRETE STRAIGHT BACK CURB & GUTTER (TYPE CG-1)	2 / C6.0
S3C	CONCRETE STRAIGHT BACK CURB & GUTTER DRY (TYPE CG-1 DRY)	2 / C6.0
S4A	CONCRETE SIDEWALK	6 / C6.0
S5	PEDESTRIAN CROSSWALK	7 / C6.0
S6	BOLLARD	4 / C6.0

SITE DATA

TAX MAP:	60
PARCEL ID.:	60-420-99-15-00-0-00-000
SITE ADDRESS:	2000 SHENANDOAH DRIVE LEE'S SUMMIT, MO 64063
SITE ACREAGE:	24.48 AC. (1,066,349 FT²)
EXISTING ZONING:	CP-2
PROPOSED USE:	HOSPITAL
IMPERVIOUS SURFACE AREA	
BUILDINGS:	0.06 AC. (2,804 FT²)
DRIVES/SIDEWALKS:	0.15 AC. (6,538 FT²)
TOTAL PROPOSED IMPERVIOUS AREA:	0.21 AC. (9,206 FT²)

PARKING REQUIRED:
PROPOSED ADDITION HAS NO IMPACT TO THE REQUIRED PARKING

TOTAL PARKING REQUIRED:	
114 BEDS X 1.8 SPACES =	206 SPACES REQUIRED
122,799 SF OF MOB'S X (1,000 SF X 5) =	614 SPACES REQUIRED
TOTAL REQUIRED:	820 SPACES REQUIRED
EXISTING PARKING:	825 (INCLUDING PL2024191 PROPOSED PARKING SPACES)
OWNER:	MIDWEST DIVISION LSH LLC
ADDRESS:	PO BOX 80610 INDIANAPOLIS, IN 46280
PROJECT REPRESENTATIVE:	CATALYST DESIGN GROUP
ADDRESS:	1524 WILLIAMS DRIVE MURFREESBORO, TN 37129
PHONE NO.:	615-622-7200
CONTACT NAME:	JACK PARKER
CONTACT E-MAIL ADDRESS:	jparker@catalyst-dg.com

FEMA PANEL:
THE SUBJECT PROPERTY DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD ZONE ACCORDING TO COMMUNITY PANEL NO. 29095C0439G, 01/20/2017, COMMUNITY NAME: JACKSON COUNTY.

KEY MAP
NOT TO SCALE

N

0 5 10 20 30
GRAPHIC SCALE

Catalyst DESIGN GROUP
1524 WILLIAMS DRIVE, SUITE 201, MURFREESBORO, TN 37129
(615) 622-7200 | WWW.CATALYST-DG.COM

LEE'S SUMMIT
MEDICAL CENTER
2100 SE BLUE PARKWAY
LEE'S SUMMIT, MO 64063
816-282-5000

FINAL DEVELOPMENT PLAN
HCA LEE'S SUMMIT
MEDICAL CENTER
2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO, 64063
JACKSON COUNTY

NO.	DATE	DESCRIPTION
B	06/05/2025	DESIGN COORDINATION

DRAWING TITLE
LAYOUT PLAN

PROJECT NUMBER
20240037

DRAWING NUMBER
C4.0

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

Catalyst DESIGN GROUP
1524 WILLIAMS DRIVE, SUITE 201, MURFREESBORO, TN 37129
(615) 622-7200 | WWW.CATALYST-DG.COM

STATE OF MISSOURI
JACK J. PARKER
NUMBER PE-2010040852
REGISTERED ENGINEER
06/05/2025

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ED EXPANSION

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

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DATE:	2025/04/10
SCALE:	1:10
DRAWN:	AP
REVIEWED:	JP
JOB NUMBER:	6406.24

LAYOUT PLAN

C4.0

P:\2024\20240037_Devenney - HCA Lee's Summit Medical Center_Med Surg Exp\dwg\Construction\ED EXPANSION\20240037_LAY.dwg>C4.0 LAYOUT PLAN Jun 19, 2025 wblissard

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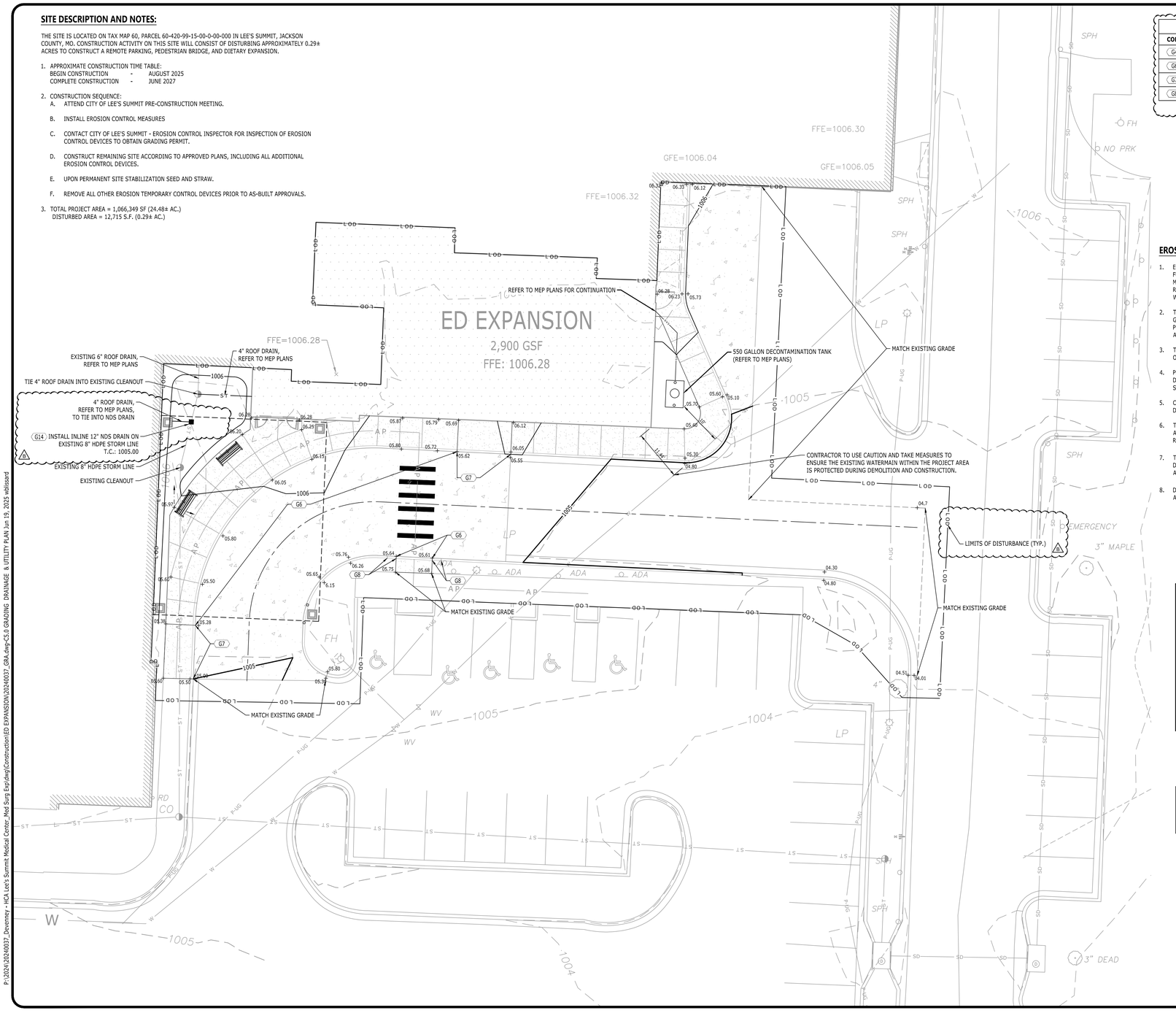
SITE DESCRIPTION AND NOTES:

THE SITE IS LOCATED ON TAX MAP 60, PARCEL 60-420-99-15-00-0-00-000 IN LEE'S SUMMIT, JACKSON COUNTY, MO. CONSTRUCTION ACTIVITY ON THIS SITE WILL CONSIST OF DISTURBING APPROXIMATELY 0.29± ACRES TO CONSTRUCT A REMOTE PARKING, PEDESTRIAN BRIDGE, AND DIETARY EXPANSION.

1. APPROXIMATE CONSTRUCTION TIME TABLE:
   BEGIN CONSTRUCTION - AUGUST 2025
   COMPLETE CONSTRUCTION - JUNE 2027

2. CONSTRUCTION SEQUENCE:
   A. ATTEND CITY OF LEE'S SUMMIT PRE-CONSTRUCTION MEETING.
   B. INSTALL EROSION CONTROL MEASURES
   C. CONTACT CITY OF LEE'S SUMMIT - EROSION CONTROL INSPECTOR FOR INSPECTION OF EROSION CONTROL DEVICES TO OBTAIN GRADING PERMIT.
   D. CONSTRUCT REMAINING SITE ACCORDING TO APPROVED PLANS, INCLUDING ALL ADDITIONAL EROSION CONTROL DEVICES.
   E. UPON PERMANENT SITE STABILIZATION SEED AND STRAW.
   F. REMOVE ALL OTHER EROSION TEMPORARY CONTROL DEVICES PRIOR TO AS-BUILT APPROVALS.

3. TOTAL PROJECT AREA = 1,066,349 SF (24.48± AC.)
   DISTURBED AREA = 12,715 S.F. (0.29± AC.)



GRADING & DRAINAGE KEYNOTES

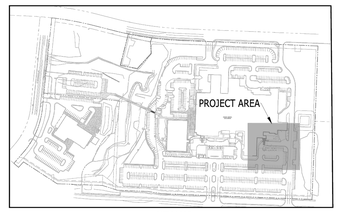
CODE	DESCRIPTION	DET #/SHT #
G4	NDS INLINE DRAIN	1 / C6.1
G6	FLUSH CONDITION	
G7	TRANSITION FROM FLUSH CONDITION TO 6" CURB OVER 12'	
G8	TRANSITION FROM FLUSH CONDITION TO 6" CURB OVER 2'	

LEGEND

STORM PIPE & INLET	
SPOT ELEVATION	+0.00
PROPOSED CONTOUR ELEV.	90
LIMITS OF DISTURBANCE	LOD

EROSION CONTROL NOTES:

1. EROSION PREVENTION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATION BEGINS AND MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORKDAY BUT MUST BE REPLACED AT THE END OF THE WORKDAY.
2. THE FOLLOWING RECORDS SHALL BE MAINTAINED ON OR NEAR SITE: THE DATES WHEN MAJOR GRADING ACTIVITIES OCCUR; THE DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY OR PERMANENTLY CEASE ON A PORTION OF THE SITE; THE DATES WHEN STABILIZATION MEASURES ARE INITIATED; INSPECTION RECORDS AND RAINFALL RECORDS.
3. THE CONTRACTOR SHALL MAINTAIN A RAIN GAUGE AND DAILY RAINFALL RECORDS AT THE SITE OR USE A REFERENCE SITE FOR A RECORD OF DAILY AMOUNT OF PRECIPITATION.
4. PRE-CONSTRUCTION VEGETATIVE GROUND COVER SHALL NOT BE DESTROYED, REMOVED OR DISTURBED MORE THAN 10 DAYS PRIOR TO GRADING OR EARTH MOVING UNLESS THE AREA IS SEEDED AND/OR MULCHED OR OTHER TEMPORARY COVER IS INSTALLED.
5. CONSTRUCTION MUST BE SEQUENCED TO MINIMIZE THE EXPOSURE TIME OF GRADED OR DENUDED AREAS.
6. THE CONTRACTOR SHALL REMOVE SEDIMENT FROM ALL DRAINAGE STRUCTURES BEFORE ACCEPTANCE BY LOCAL GOVERNING AGENCY OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
7. THE CONTRACTOR SHALL REMOVE THE TEMPORARY EROSION AND WATER POLLUTION CONTROL DEVICES ONLY AFTER A SOLID STAND OF GRASS HAS BEEN ESTABLISHED ON GRADED AREAS AND WHEN IN THE OPINION OF THE OWNER'S REPRESENTATIVE, THEY ARE NO LONGER NEEDED.
8. DISTURBED AREAS SHALL BE STABILIZED WITHIN 14 DAYS OF THE COMPLETION OF GRADING ACTIVITIES. SLOPES 3:1 OR STEEPER SHALL BE STABILIZED WITHIN 7 DAYS.



KEY MAP
NOT TO SCALE

NOTE: CONTRACTOR TO INSTALL AND MAINTAIN APPROPRIATE EPSC MEASURES TO ENSURE SEDIMENT/POLLUTION DOES NOT DISCHARGE OFF THE PROJECT AREA DURING CONSTRUCTION.

CONTRACTOR TO FIELD LOCATE THE EXISTING STORM LINE FOR INLINE NDS DRAIN INSTALLATION.

811
Know what's below.
Call before you dig.

N

0 5 10 20 30
GRAPHIC SCALE

P:\2024\20240037_Devenney - HCA Lee's Summit Medical Center_Med Surg Exp\dwg\Construction\ED EXPANSION\20240037_GRA.dwg-C5.0 GRADING DRAINAGE & UTILITY PLAN Jun 19, 2025 wblissard

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

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1524 WILLIAMS DRIVE, SUITE 201, MURFREESBORO, TN 37129
(615) 622-7200 | WWW.CATALYST-DG.COM

JACK S. PARKER
NUMBER
PE-2010040852
REGISTERED PROFESSIONAL ENGINEER
STATE OF MISSOURI
10/05/2025

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ED EXPANSION

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

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

NO.	DESCRIPTION	DATE
B	DESIGN COORDINATION	06/05/2025

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DATE:	2025/04/10
SCALE:	1:10
DRAWN:	AP
REVIEWED:	JP
JOB NUMBER:	6406.24

FINAL DEVELOPMENT PLAN
HCA LEE'S SUMMIT
MEDICAL CENTER
2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO, 64063
JACKSON COUNTY

LEE'S SUMMIT
MEDICAL CENTER
2100 SE BLUE PARKWAY
LEE'S SUMMIT, MO 64063
816-282-5000

DRAWING TITLE
GRADING, DRAINAGE, & UTILITY PLAN

PROJECT NUMBER
20240037

DRAWING NUMBER
C5.0

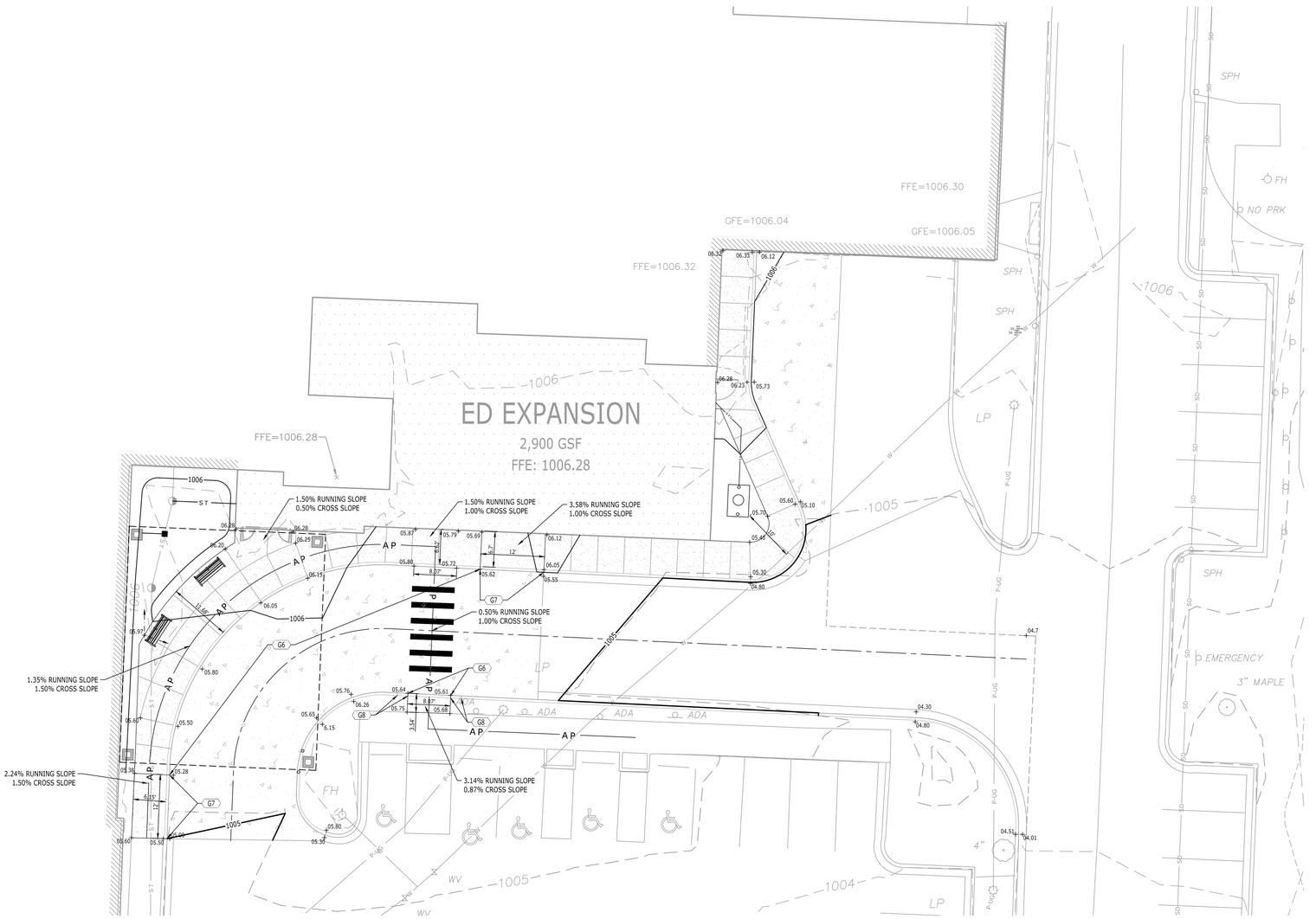
GRADING, DRAINAGE, & UTILITY PLAN

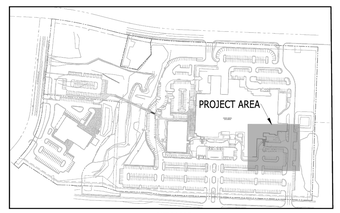
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GRADING & DRAINAGE KEYNOTES		
CODE	DESCRIPTION	DET #/SHT #
G4	NYOPLAST DRAIN INLET	3 / C6.1
G6	FLUSH CONDITION	
G7	TRANSITION FROM FLUSH CONDITION TO 6" CURB OVER 12'	
G8	TRANSITION FROM FLUSH CONDITION TO 6" CURB OVER 2'	

LEGEND	
STORM PIPE & INLET	
SPOT ELEVATION	+0.00
PROPOSED CONTOUR ELEV.	90





KEY MAP
NOT TO SCALE

Know what's below.
Call before you dig.

N

0 5 10 20 30
GRAPHIC SCALE

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FINAL DEVELOPMENT PLAN

HCA LEE'S SUMMIT MEDICAL CENTER

2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO, 64063
JACKSON COUNTY

LEE'S SUMMIT MEDICAL CENTER
2100 SE BLUE PARKWAY
LEE'S SUMMIT, MO 64063
816-282-5000

NO.	DESCRIPTION	DATE
1	DESIGN COORDINATION	06/05/2025

DRAWING TITLE

SITE ACCESSIBILITY PLAN

PROJECT NUMBER
20240037

DRAWING NUMBER
C5.2

ED EXPANSION

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

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
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B	DESIGN COORDINATION	2025/06/05

DATE:	2025/04/10
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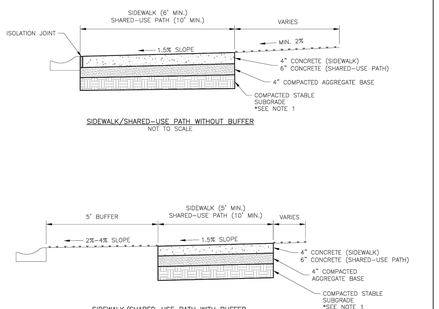
SITE ACCESSIBILITY PLAN

C5.2

P:\2024\20240037_Devenney - HCA Lee's Summit Medical Center_Med Surg Exp\dwg\Construction\ED EXPANSION\20240037_GRA.dwg>C5.2 SITE ACCESSIBILITY PLAN Jun 19, 2025 mbissard

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SIDEWALK/SHARED-USE PATH WITHOUT BUFFER
NOT TO SCALE

SIDEWALK/SHARED-USE PATH WITH BUFFER
NOT TO SCALE

GENERAL NOTES:

1. SUBGRADE MUST BE OF STABLE, COMPACTED EARTH AND SHALL BE OVERLAYED WITH 4" COMPACTED DENSE GRADED AGGREGATE BASE.
2. 1.5% CROSS SLOPE MUST BE MAINTAINED THROUGH DRIVEWAYS.
3. KCMMB 4K CONCRETE MIX SHALL BE REQUIRED FOR ALL SIDEWALKS/SHARED-USE PATHS.
4. ALL SIDEWALK/SHARED-USE PATHS SHALL MEET CURRENT PUBLIC RIGHT OF WAY ACCESSIBILITY GUIDELINES (PROWAG).
5. AN ISOLATION JOINT SHALL BE PLACED AT A MAXIMUM OF 100 FT. CONSTRUCTION JOINTS SHALL BE PLACED THE SAME WIDTH OF SIDEWALK/SHARED-USE PATHS, BUT NO GREATER THAN 10 FT.
6. AN ISOLATION JOINT SHALL BE PLACED WHERE THE SIDEWALK/SHARED-USE PATHS MEETS A RESIDENTIAL DRIVEWAY.
7. SHARED-USE PATHS WIDTH SHALL BE 10 FT. WIDE.
8. SIDEWALK/SHARED-USE PATHS FINISHING SHALL BE FULL BROOM FINISH OR AS DIRECTED BY CITY INSPECTOR.
9. WHITE CURING COMPOUND MUST BE APPLIED UNIFORMLY TO THE CONCRETE SURFACE IMMEDIATELY AFTER FINAL FINISHING.

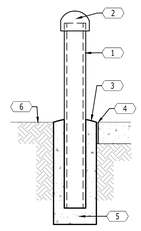
LEE'S SUMMIT
MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

SIDEWALK/SHARED-USE PATH DETAIL

Date: 08/2023
Drawn By: MJF
Checked By: DL

GEN-2

6



KEYNOTES	
CODE	DESCRIPTION
2	PREFABRICATED CAP
1	6"ø X 6'-8" STEEL PIPE BOLLARD FILLED WITH CONCRETE. PRIME WITH SUITABLE PRIMER AND PAINT IN A COLOR TO BE SELECTED BY THE ARCHITECT.
3	1" CROWN
4	1/2" EXPANSION JOINT MATERIAL, AASHTO M-33, WHERE PLACED IN A RIGID PAVEMENT AREA.
5	3500 PSI CONCRETE
6	F.G.

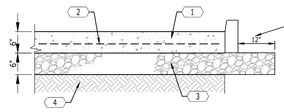
NOTE: THE PRIMER AND FIRST COAT OF PAINT SHALL BE APPLIED BEFORE INSTALLATION. A SECOND COAT OF PAINT SHALL BE APPLIED AFTER INSTALLATION.

4 **STEEL BOLLARD WITH CAP**
NOT TO SCALE

5 **RESERVED**
NOT TO SCALE

NOTE:
1. ON ALL EXISTING PAVEMENT REPAIR OR REPLACEMENT, USE THE PAVEMENT SECTIONS SHOWN OR MATCH THE EXISTING SECTION, WHICHEVER IS GREATER.
2. PAVEMENT DEPTHS TO MATCH AND COMPLY WITH THE CITY OF LEE'S SUMMIT UNIFIED DEVELOPMENT CODE STANDARDS.
3. ALL CONCRETE PAVEMENT MIX & COMPONENTS TO ADHERE TO KCMMB STANDARDS

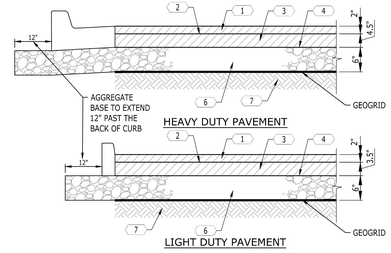
KEYNOTES	
CODE	DESCRIPTION
1	CONCRETE PAVEMENT; 4000 PSI
2	6"x6", W2.9xW2.9 W.W.F.; ASTM GRADE 60 STEEL
3	COMPACTED MINERAL AGGREGATE BASE
4	COMPACTED SUBGRADE



3 **CONCRETE PAVEMENT**
NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
1	ASPHALTIC SURFACE COURSE
2	TACK COAT AT 0.10 GAL./S.Y.
3	ASPHALTIC BASE COURSE
4	PRIME COAT AT 0.30 GAL./S.Y.
5	ASPHALTIC SURFACE COURSE
6	COMPACTED MINERAL AGGREGATE BASE
7	COMPACTED SUBGRADE

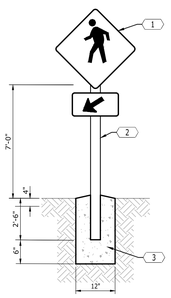
NOTE:
1. ON ALL EXISTING PAVEMENT REPAIR OR REPLACEMENT, USE THE PAVEMENT SECTIONS SHOWN OR MATCH THE EXISTING SECTION, WHICHEVER IS GREATER.
2. PAVEMENT DEPTHS TO MATCH AND COMPLY WITH THE CITY OF LEE'S SUMMIT UNIFIED DEVELOPMENT CODE STANDARDS & GEOTECHNICAL REPORT RECOMMENDATIONS.
3. ALL ASPHALTIC CONCRETE MIX & COMPONENTS TO ADHERE TO KCMMB STANDARDS



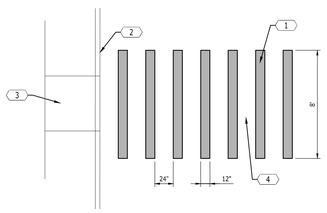
1 **ASPHALT PAVEMENT**
NOT TO SCALE

KEYNOTES	
CODE	DESCRIPTION
1	PEDESTRIAN CROSSWALK SIGN (30" X 30")
2	2" SQUARE GALVANIZED STEEL TUBE. PROVIDE WELDED CAP AT TOP AND GRIND WELDS SMOOTH.
3	CONCRETE FOOTING

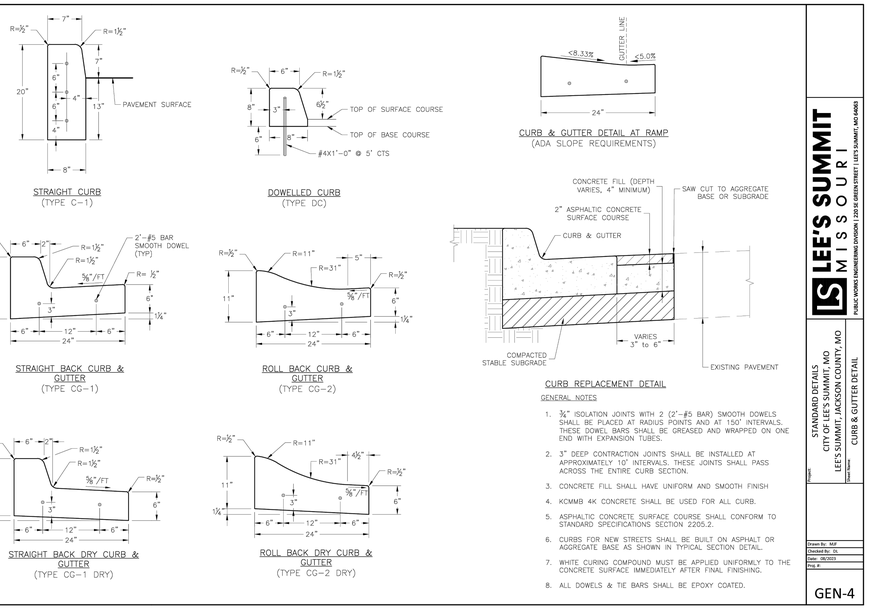
NOTE:
SIGN SHALL BE LOCATED 3' FROM THE EDGE OF THE PAVEMENT UNLESS SUCH PLACEMENT WOULD OBSTRUCT THE SIDEWALK.



KEYNOTES	
CODE	DESCRIPTION
1	PEDESTRIAN CROSSWALK; MARKINGS SHALL BE SOLID WHITE PAINTED ON ASPHALT; PAINT 12" WIDE STRIPES AS INDICATED WITH PORTER "TRAFFIC WHITE" PAINT OR APPROVED EQUAL; CROSSWALK SHALL BE IN COMPLIANCE WITH ADAAG 403.3.
2	FACE OF CURB
3	REFER TO PLANS FOR CROSS WALK LANDING & TRANSITION DETAILS
4	MAX. 2% CROSS SLOPE; MAX. 5% RUNNING SLOPE (TYP.)



7 **PEDESTRIAN CROSSWALK**
NOT TO SCALE



CURB REPLACEMENT DETAIL

GENERAL NOTES

1. ¾" ISOLATION JOINTS WITH 2 (2'-#5 BAR) SMOOTH DOWELS SHALL BE PLACED AT RADIUS POINTS AND AT 150' INTERVALS. THESE DOWEL BARS SHALL BE GREASED AND WRAPPED ON ONE END WITH EXPANSION TUBES.
2. 3" DEEP CONTRACTION JOINTS SHALL BE INSTALLED AT APPROXIMATELY 10' INTERVALS. THESE JOINTS SHALL PASS ACROSS THE ENTIRE CURB SECTION.
3. CONCRETE FILL SHALL HAVE UNIFORM AND SMOOTH FINISH
4. KCMMB 4K CONCRETE SHALL BE USED FOR ALL CURB.
5. ASPHALTIC CONCRETE SURFACE COURSE SHALL CONFORM TO STANDARD SPECIFICATIONS SECTION 2205.2.
6. CURBS FOR NEW STREETS SHALL BE BUILT ON ASPHALT OR AGGREGATE BASE AS SHOWN IN TYPICAL SECTION DETAIL.
7. WHITE CURING COMPOUND MUST BE APPLIED UNIFORMLY TO THE CONCRETE SURFACE IMMEDIATELY AFTER FINAL FINISHING.
8. ALL DOWELS & TIE BARS SHALL BE EPOXY COATED.

LEE'S SUMMIT
MISSOURI
PUBLIC WORKS ENGINEERING DIVISION | 220 SE GREEN STREET | LEE'S SUMMIT, MO 64063

STANDARD DETAILS
CITY OF LEE'S SUMMIT, MO
LEE'S SUMMIT, JACKSON COUNTY, MO

Project Number: CURB & GUTTER DETAIL

Drawn By: MJF
Checked By: DL
Date: 08/2023
Proj. #:

GEN-4

2

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

Catalyst DESIGN GROUP
1524 WILLIAMS DRIVE, SUITE 201, MURFREESBORO, TN 37129
(615) 622-7200 | WWW.CATALYST-DG.COM

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FINAL DEVELOPMENT PLAN
HCA LEE'S SUMMIT
MEDICAL CENTER
2000 SE SHENANDOAH DRIVE
LEE'S SUMMIT, MO 64063
JACKSON COUNTY

ED EXPANSION

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

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

NO.	DATE	DESCRIPTION
1	06/05/2025	DESIGN COORDINATION

DRAWING TITLE
SITE DETAILS

PROJECT NUMBER
20240037

DRAWING NUMBER
C6.0

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DATE: 2025/04/10
SCALE:
DRAWN: AP
REVIEWED: JP
JOB NUMBER: 6406.24

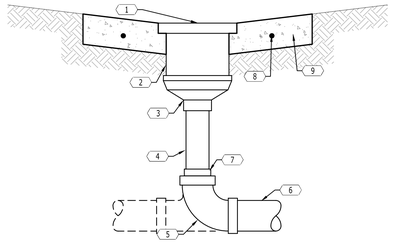
SITE DETAILS

C6.0

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KEYNOTES	
CODE	DESCRIPTION
1	NDS 1211 GRATE
2	NDS 1216 RISER BOX
3	NDS 1230 HUB ADAPTOR
4	6" PVC, LENGTH AS REQ'D
5	8" PVC ELL OR TEE
6	8" PVC STORM PIPE
7	8" X 6" PVC REDUCER. MAY BE OMITTED IF REDUCING TEE IS USED.
8	No. 4 BAR, CONT.
9	4" THICK CONCRETE COLLAR



1 **12" NDS DRAIN INLET**
NOT TO SCALE

2 **RESERVED**
NOT TO SCALE

3 **RESERVED**
NOT TO SCALE

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1524 WILLIAMS DRIVE, SUITE 201, MURFREESBORO, TN 37129
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LEE'S SUMMIT, MO 64063
816-282-5000

FINAL DEVELOPMENT PLAN
HCA LEE'S SUMMIT MEDICAL CENTER
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LEE'S SUMMIT, MO 64063
JACKSON COUNTY

DESCRIPTION	DATE	NO.
DESIGN COORDINATION	06/05/2025	1

DRAWING TITLE
SITE DETAILS

PROJECT NUMBER
20240037

DRAWING NUMBER
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Devenney GROUP
Devenney Group Ltd., Architects
6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251
T: 602.943.8950
www.devenneygroup.com

Consultant:
Catalyst DESIGN GROUP
1524 WILLIAMS DRIVE, SUITE 201, MURFREESBORO, TN 37129
(615) 622-7200 | WWW.CATALYST-DG.COM

STATE OF MISSOURI
JACK J. PARKER
NUMBER
PE-2010040852
REGISTERED PROFESSIONAL ENGINEER
06/05/2025

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AUTHORITY HAVING JURISDICTION:
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MISSOURI DHSS

FACILITY NUMBER:
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AGENCY APPROVALS:
AGENCY

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B	DESIGN COORDINATION	2025/06/05

DATE:	2025/04/10
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DRAWN:	AP
REVIEWED:	JP
JOB NUMBER:	6406.24

SITE DETAILS

C6.1

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PLANT SCHEDULE

CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE
TREES					
APB	1	Acer palmatum 'Bloodgood' / Bloodgood Japanese Maple	#30	1.5"	8-10`
CCF	3	Cercis canadensis `Forest Pansy` TM / Forest Pansy Redbud	B&B	1.5"	7-8`
CCR	3	Cercis canadensis 'JN2' TM / The Rising Sun Eastern Redbud	B&B	1.5"	7-8`
JCB	1	Juniperus chinensis 'Blue Point' / Blue Point Juniper	B&B/Cont.		8`
LSR	2	Liquidambar styraciflua `Rotundiloba` TM / Round-Lobed Sweet Gum	B&B	2.5"	12-14`
QP	1	Quercus phellos / Willow Oak	B&B	2.5"	12-14`
SHRUBS					
IVL	6	Itea virginica `Little Henry` TM / Virginia Sweetspire	#3		15-18"
JB2	36	Juniperus conferta `Blue Pacific` / Blue Pacific Juniper	#1		12-15"
PVN	59	Panicum virgatum 'Northwind' / Northwind Switch Grass	#1		15-18"
TD	5	Taxus x media `Densiformis` / Dense Yew	#5		24"

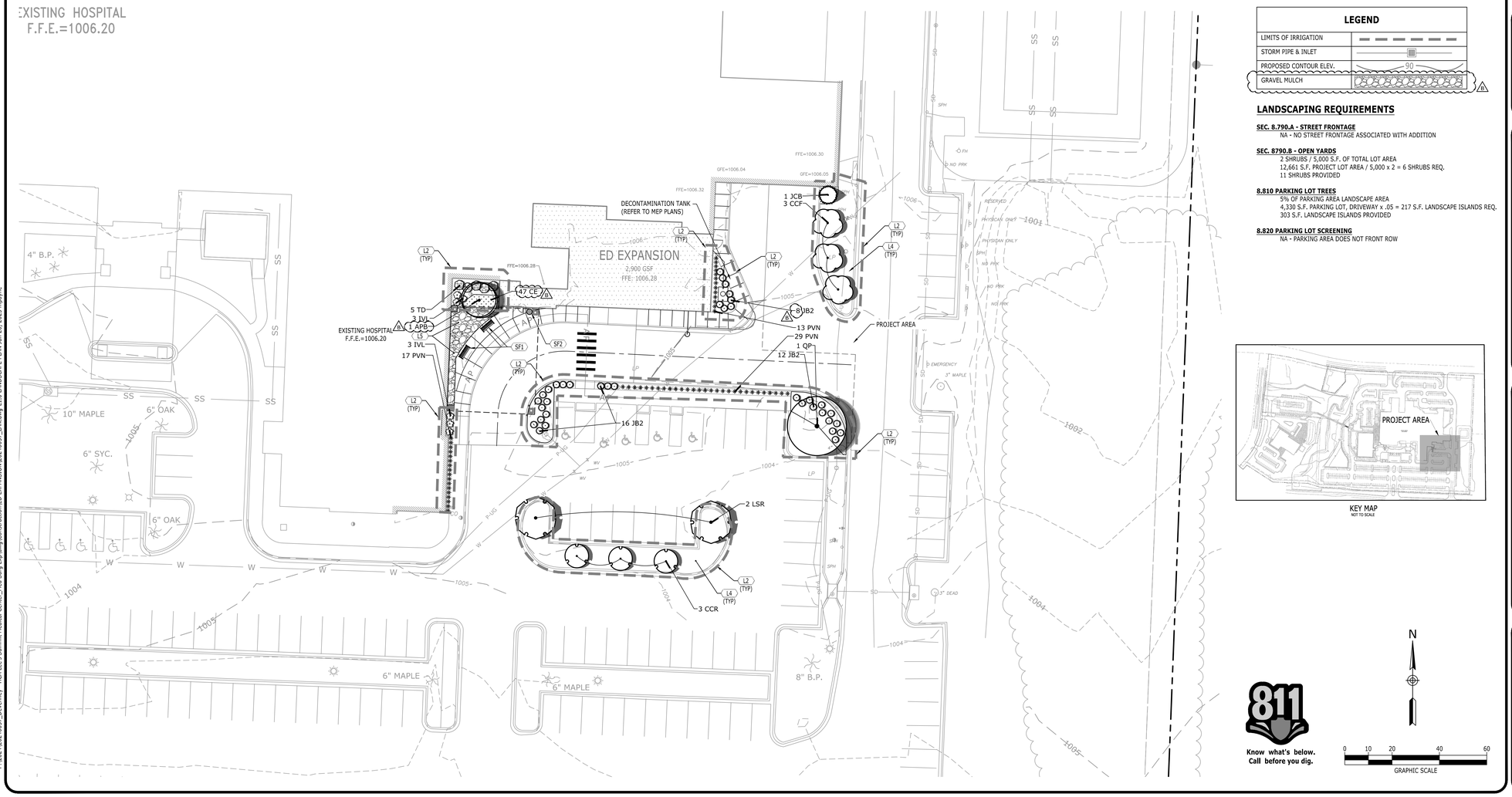
CODE	QTY	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	SPACING
GROUND COVERS / PERENNIALS						
CE	47	Carex oshimensis `Everillo` / Everillo Japanese Sedge	#1		12"	16" o.c.

LANDSCAPE KEYNOTES

CODE	DESCRIPTION	DET #/SHT #
L1	PLANTING BED LIMITS	1 / L2.0
L2	IRRIGATION LIMITS	NOTES / L2.0
L3	AREA TO BE SEEDED	SPECS
L4	AREA TO BE SODDED	SPECS
L5	AREA TO BE GRAVEL MULCH	5 / L3.0

SITE FURNISHINGS KEYNOTES

CODE	DESCRIPTION	MANUFACTURER / MODEL
SF1	BENCH	LANDSCAPE FORMS / PFG BENCH - BACKED
SF2	TRASH RECEPTACLE	1 EXISTING TO BE RELOCATED; SEE C3.0



LEGEND

LIMITS OF IRRIGATION	
STORM PIPE & INLET	
PROPOSED CONTOUR ELEV.	90
GRAVEL MULCH	1

LANDSCAPING REQUIREMENTS

SEC. 8.790.A - STREET FRONTAGE
NA - NO STREET FRONTAGE ASSOCIATED WITH ADDITION

SEC. 8790.B - OPEN YARDS
2 SHRUBS / 5,000 S.F. OF TOTAL LOT AREA
12,661 S.F. PROJECT LOT AREA / 5,000 x 2 = 6 SHRUBS REQ.
11 SHRUBS PROVIDED

8.810 PARKING LOT TREES
5% OF PARKING AREA LANDSCAPE AREA
4,330 S.F. PARKING LOT, DRIVEWAY x .05 = 217 S.F. LANDSCAPE ISLANDS REQ.
303 S.F. LANDSCAPE ISLANDS PROVIDED

8.820 PARKING LOT SCREENING
NA - PARKING AREA DOES NOT FRONT ROW

KEY MAP
NOT TO SCALE

811
Know what's below.
Call before you dig.

N

0 10 20 40 60
GRAPHIC SCALE

P:\20241\20240037_Devenney - HCA Lee's Summit Medical Center_Med Surg Exp\dwg\Construction\ED EXPANSION\20240037_LAN.dwg=L1.0 LANDSCAPE PLAN Jun 20, 2025 mayne

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Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

Catalyst Design Group
1524 WILLIAMS DRIVE, SUITE 201, MURFREESBORO, TN 37129
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2000 SE SHENANDOAH DRIVE
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JACKSON COUNTY

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NO.	DESCRIPTION	DATE
1	DESIGN COORDINATION	06/05/2025

DRAWING TITLE
LANDSCAPE PLAN

PROJECT NUMBER
20240037

DRAWING NUMBER
L1.0

ED EXPANSION

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

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
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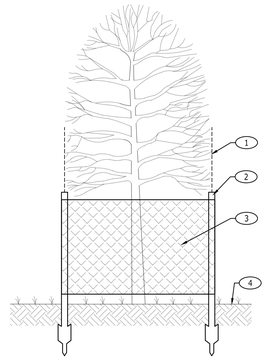
LANDSCAPE PLAN

L1.0

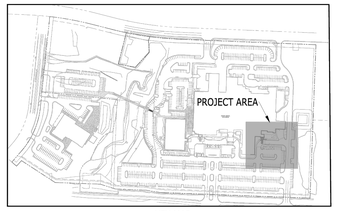


KEYNOTES	
CODE	DESCRIPTION
1	DRIP LINE OF TREE(S) (TYP)
2	METAL FENCE POST (TYP)
3	4' HIGH CHAIN LINK FENCE. INSTALL FENCE AT THE DRIP LINE OF TREES TO BE PRESERVED. FENCE SHALL BE REMOVED AT THE END OF THE CONSTRUCTION PERIOD.
4	EXISTING GROUND

NOTE:
NO STORAGE OF MATERIALS SHALL BE ALLOWED WITHIN OR AGAINST THE TREE PROTECTION FENCING.



TREE PROTECTION



KEY MAP
NOT TO SCALE

LEGEND	
SIGNIFICANT TREE TO BE REMOVED	X
OTHER TREE TO BE REMOVED (NOT SIGNIFICANT)	X
PROJECT AREA	

811
Know what's below. Call before you dig.

N

0 10 20 40 60
GRAPHIC SCALE

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FINAL DEVELOPMENT PLAN
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LEE'S SUMMIT, MO, 64063
JACKSON COUNTY

DRAWING TITLE			
NO.	DATE	DESCRIPTION	
1	06/05/2025	DESIGN COORDINATION	

TREE CONSERVATION PLAN

PROJECT NUMBER
20240037

DRAWING NUMBER
L2.0

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

Catalyst DESIGN GROUP
1524 WILLIAMS DRIVE, SUITE 201, MURFREESBORO, TN 37129
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MISSOURI DHSS

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:
AGENCY

REVISIONS		
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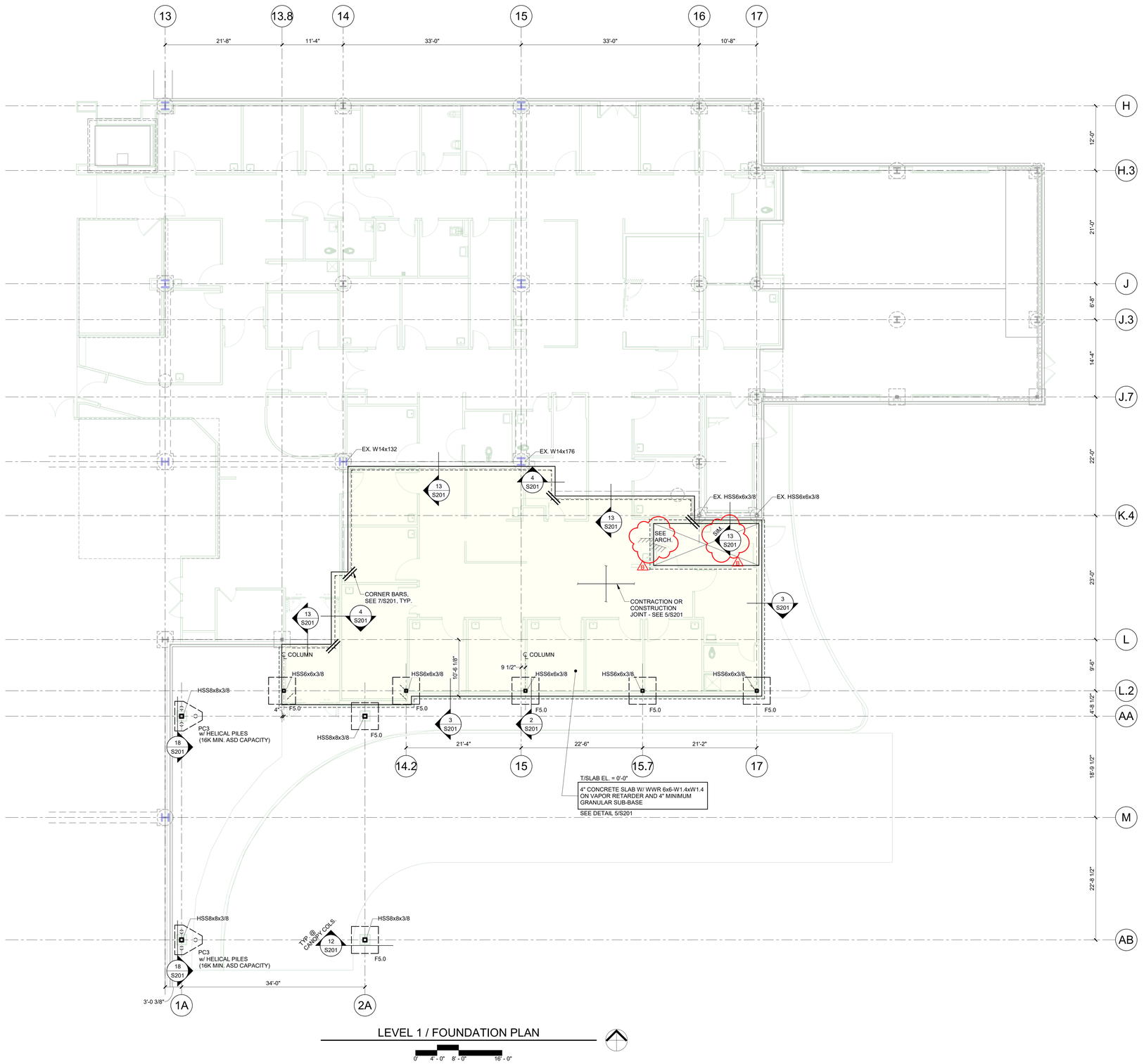
TREE CONSERVATION PLAN

L2.0

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LEVEL 1 / FOUNDATION PLAN

0' 4' - 0" 8' - 0" 16' - 0"

SHEET NOTES:

1. REFERENCE ELEVATON 0'-0" = 1006.28' (REFER TO CIVIL DRAWINGS).
2. TOP OF FOUNDATION ELEVATIONS ARE 2'-6" BELOW FINISHED FLOOR ELEVATION UNLESS NOTED OTHERWISE.
3. FOUNDATION ELEMENTS ARE CENTERED UNDER COLUMNS UNLESS NOTED OTHERWISE.
4. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
5. REFER TO ARCHITECTURAL DRAWINGS FOR EDGE OF SLAB DIMENSIONS.
6. COORDINATE ALL SLAB DEPRESSIONS WITH MEP AND ARCHITECTURAL DRAWINGS.
7. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS RELATED TO THE NEW STRUCTURE PRIOR TO FABRICATION AND CONSTRUCTION. NOTIFY ARCHITECT/STRUCTURAL ENGINEER OF ANY DISCREPANCIES.
8. SHEET AND TYPICAL DETAIL REFERENCES:
   - S0 SERIES — STRUCTURAL NOTES
   - 1/S201 — FOOTING SCHEDULE
   - 17/S201 — PILE CAPS
   - S201 — SLAB ON GROUND
   - MARK AND LEGEND KEY:
   - F#.# — FOOTING
   - PC# — PILE CAP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

Structural Engineers
750 Old Hickory Blvd.
Building 1, Suite 175
Brentwood, TN 37027

www.sdlal.com

615 320 1735

Stanley D. Lindsey and Associates, Ltd.

Project No. 24237.00

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ED EXPANSION

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

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

AUTHORITY HAVING JURISDICTION'S PROJECT NO:

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN CORDINATION	2025/06/05

DATE:	04/18/25
SCALE:	1/8" = 1'-0"
DRAWN:	JL
REVIEWED:	JDP & KF
JOB NUMBER:	6406.24.0003

LEVEL 1 / FOUNDATION PLAN

S101

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LEVEL 2 / ROOF FRAMING PLAN

0" 4' - 0" 8' - 0" 16' - 0"

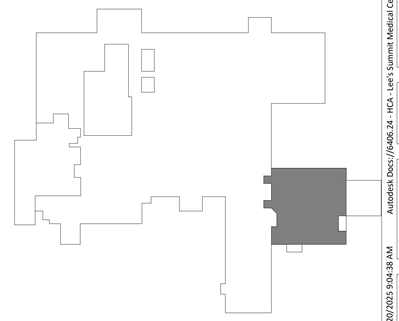
SHEET NOTES:

1. ALL BEAMS SHALL BE SPACED EQUALLY IN COLUMN BAYS, UNLESS NOTED OTHERWISE.
2. EDGE OF SLAB/BENT PLATE IS LOCATED 6" OFF OF BEAM CENTERLINES AT INTERIOR OPENINGS, UNLESS NOTED OTHERWISE.
3. REFER TO FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN. COORDINATE ALL DIMENSIONS WITH ARCHITECTURAL DRAWINGS.
4. REFER TO ARCHITECTURAL DRAWINGS FOR EDGE OF BENT PLATE DIMENSIONS.
5. COORDINATE ALL SLAB OPENINGS AND DEPRESSIONS WITH MEP AND ARCHITECTURAL DRAWINGS.
6. WEIGHTS SHOWN FOR MECHANICAL EQUIPMENT ARE MAXIMUMS. NOTIFY STRUCTURAL ENGINEER IF ACTUAL WEIGHTS EXCEED THE VALUES GIVEN.
7. COORDINATE THE LOCATION OF FRAMING SUPPORTING MECHANICAL EQUIPMENT WITH THE EQUIPMENT SUPPLIER. NOTIFY STRUCTURAL ENGINEER IF EQUIPMENT SUPPORT REQUIREMENTS DIFFER FROM WHAT IS SHOWN IN THE STRUCTURAL DOCUMENTS.
8. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS RELATED TO THE NEW STRUCTURE PRIOR TO FABRICATION AND CONSTRUCTION.
9. SHEET AND TYPICAL DETAIL REFERENCES:
   S0 SERIES STRUCTURAL NOTES
   3/S301 WELD THROUGH MOMENT CONNECTIONS
   S301 FRAMING SECTIONS AND DETAILS
10. MARK AND LEGEND KEY:
    WELD THROUGH MOMENT CONNECTION
11. ULTIMATE (LRFD) REACTIONS FOR STEEL BEAMS SUPPORTING NON-COMPOSITE DECK SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:

SIZE	REACTION	SIZE	REACTION	SIZE	REACTION
W8	12 KIPS	W16	30 KIPS	W24	48 KIPS
W10	12 KIPS	W18	30 KIPS	W27	66 KIPS
W12	12 KIPS	W21	48 KIPS	W30	66 KIPS
W14	30 KIPS				

12. STEEL BEAM SCHEDULE:

MARK	SIZE	ULTIMATE (LRFD) REACTION
B1	W8x10	12 KIPS
B2	W10x12	12 KIPS
B3	W12x14	12 KIPS
C1	C8X11.5	12 KIPS



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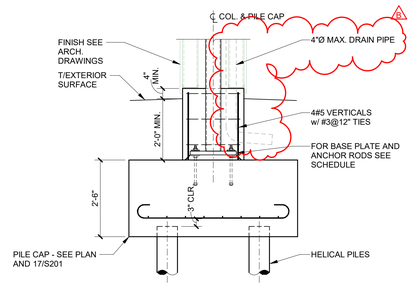
LEVEL 2 / ROOF FRAMING PLAN

S102

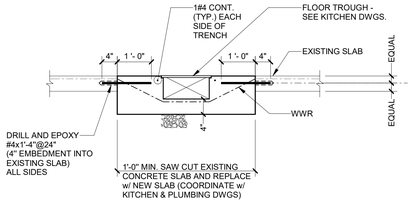
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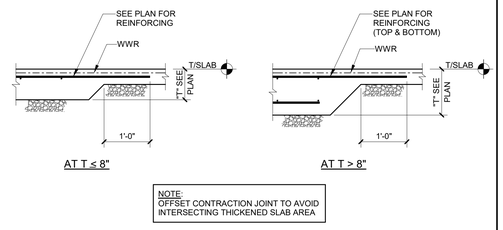
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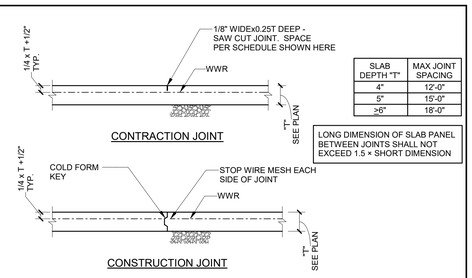
18 SECTION AT PILE CAP



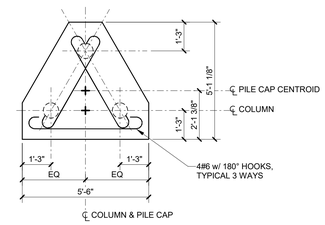
14 TYPICAL SECTION THROUGH NEW FLOOR TRENCH DUCT (AT EXISTING SLAB)



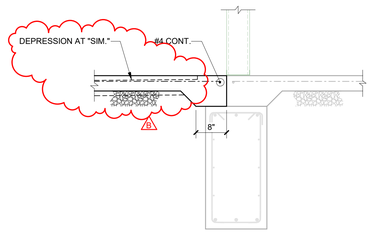
9 TYPICAL THICKENED SLAB ON GROUND DETAILS



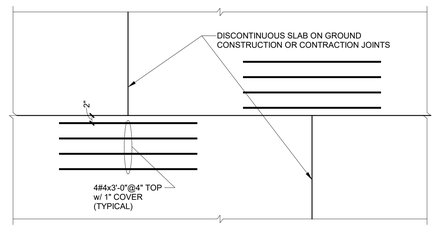
5 TYPICAL SLAB ON GROUND DETAILS



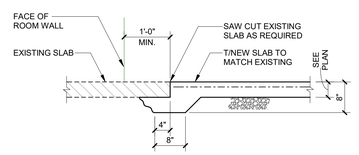
17 PILE CAP TYPE "PC3"



13 SECTION AT EXISTING



8 TYP. REINFORCING AT DISCONTINUOUS JOINTS

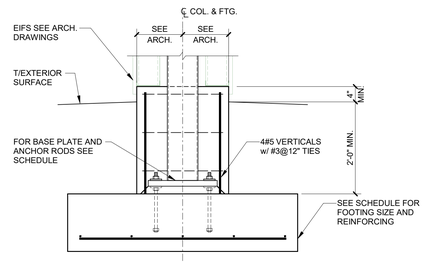


4 TYPICAL NEW SLAB SECTION AT EXISTING SLAB

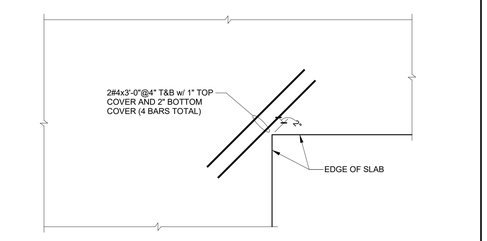
ANCHOR ROD DIAMETER (INCHES)	MAXIMUM HOLE DIAMETER (INCHES)	MINIMUM WASHER WIDTH (INCHES) NOTE 1	MINIMUM WASHER THICKNESS (INCHES)	BASE PLATE GROUT (INCHES)	WELD, "Y" WASHER TO BASE PLATE (INCHES)
3/4	1 5/16	2	1/4	2	3/16, NOTE 2
7/8	1 9/16	2 1/2	5/16	2	3/16, NOTE 2
1	1 7/8	3	3/8	2	3/16, NOTE 2
1 1/4	2 1/8	3 1/2	1/2	3	3/16
1 1/2	2 3/8	4	1/2	3	3/16
1 3/4	2 7/8	4 1/2	5/8	4	1/4
2	3 1/4	5	3/4	4	5/16
2 1/2	3 3/4	5 1/2	7/8	4	5/16

NOTES:
1. PROVIDE SQUARE PLATE WASHERS CONFORMING TO ASTM A36 WITH STANDARD HOLES.
2. WELDS ARE NOT REQUIRED FOR GRAVITY COLUMNS.

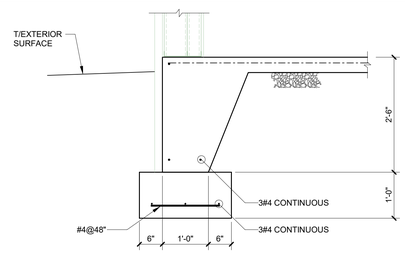
16 PLATE WASHER & GROUT THICKNESS SCHEDULE



12 SECTION AT CANOPY COLUMN

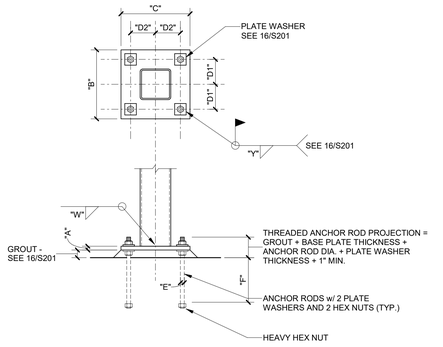


7 TYPICAL REINFORCING AT SLAB ON GROUND RE-ENTRANT CORNERS



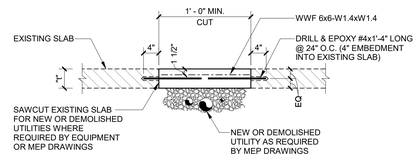
3 TYPICAL TURNED DOWN SLAB

BASE PLATE & ANCHOR ROD SCHEDULE									
COLUMN SIZE	BASE PLATE					ANCHOR RODS			WELD
	A	B	C	D1	D2	E	F	№	W
HSS6x6	1"	15"	15"	5 1/2"	5 1/2"	3/4"	12"	4	1/4"
HSS8x8	1 1/4"	18"	18"	6 1/2"	6 1/2"	1"	12"	4	5/16"

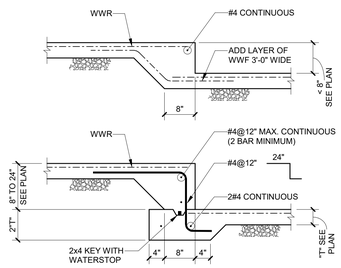


15 BASE PLATE AND ANCHOR ROD SCHEDULE

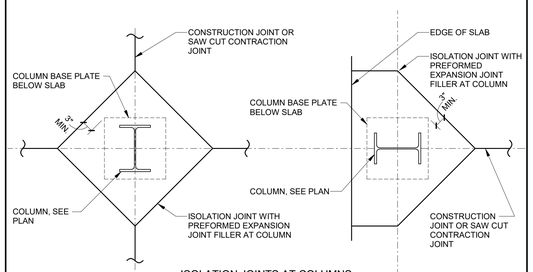
NOTE:
FOR USE IN RENOVATION AREAS. SEE MEP DRAWINGS FOR LOCATIONS OF NEW OR DEMOLISHED UTILITIES.



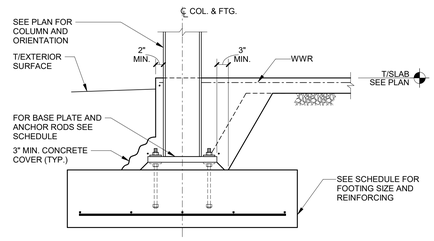
11 SECTION AT NEW/DEMOLISHED UTILITIES AT EXISTING SLAB



10 TYP. DEPRESSED SLAB ON GROUND DETAILS



6 TYPICAL SLAB ON GROUND JOINT DETAILS AT STEEL COLUMNS



2 TYPICAL EXTERIOR COLUMN FOOTING DETAIL

FOOTING SCHEDULE						
MARK	LENGTH	WIDTH	THICKNESS	TOP REINFORCEMENT	BOTTOM REINFORCEMENT	REMARKS
F5.0	5'-0"	5'-0"	1'-6"		4#7 E.W.	

1 FOOTING SCHEDULE

Devenney GROUP

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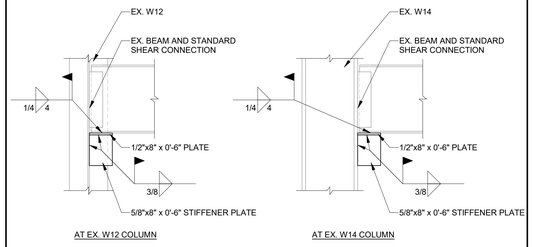
FOUNDATION AND SLAB ON GROUND SECTIONS AND DETAILS

S201

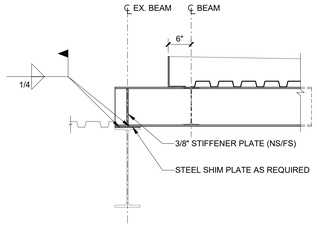
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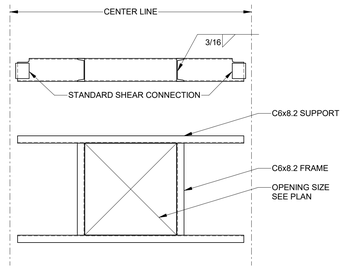
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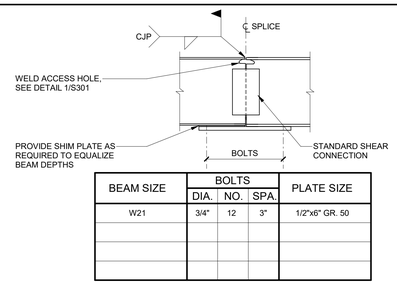
19 EX. BEAM CONNECTION REINFORCING



14 SECTION AT EXISTING ROOF

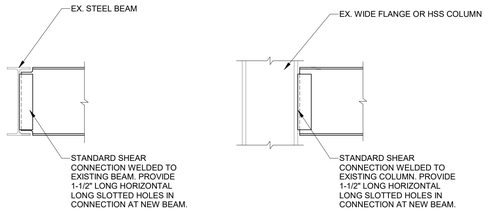


9 TYPICAL ROOF OPENING FRAME (OPENINGS GREATER THAN 30")

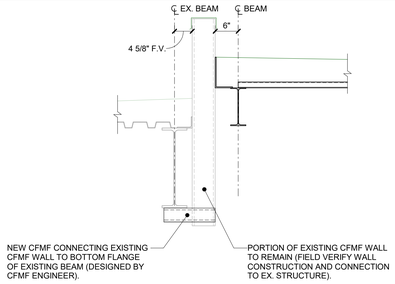


BEAM SIZE	BOLTS			PLATE SIZE
	DIA.	NO.	SPA.	
W21	3/4"	12	3"	1/2"x6" GR. 50

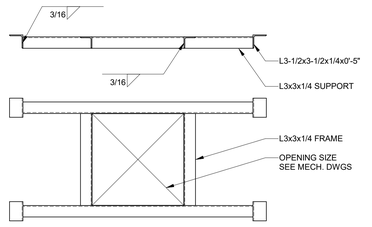
4 TYPICAL WELDED/BOLTED MOMENT SPLICE



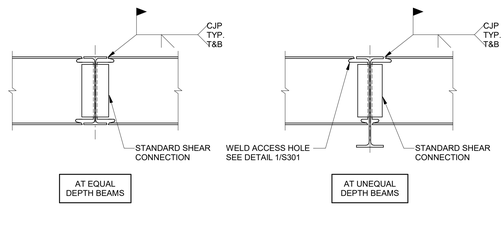
18 TYP. SECTION AT NEW BEAM TO EXISTING



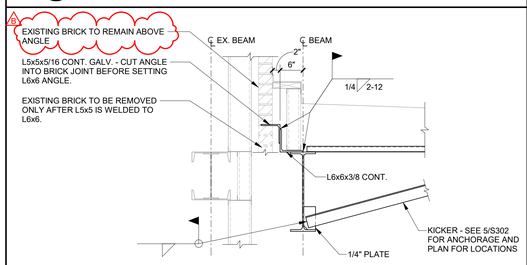
13 SECTION AT EXISTING ROOF



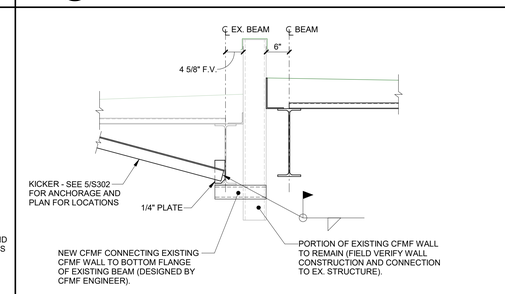
8 TYPICAL ROOF OPENING FRAME (OPENINGS LESS THAN 30")



3 TYPICAL MOMENT CONNECTION DETAILS

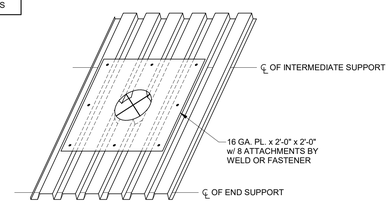


17 SECTION AT STAIR



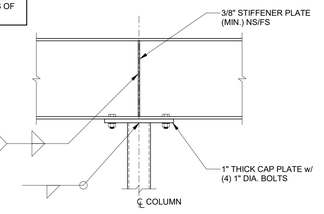
12 SECTION AT EXISTING ROOF

NOTE:
PLATE IS NOT REQUIRED FOR OPENINGS WITH 6" DIAMETER OR LESS

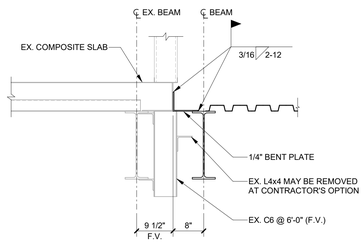


7 TYPICAL ROOF DECK OPENING (LESS THAN 14" DIAMETER)

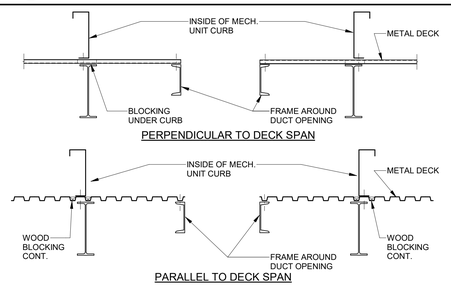
NOTE:
SEE 6/S302 FOR CONDITIONS WHERE BOLTS ON BOTH SIDES OF COLUMN ARE NOT POSSIBLE.



2 TYPICAL BEAM TO COLUMN CONNECTION CONTINUOUS/CANTILEVERED BEAMS



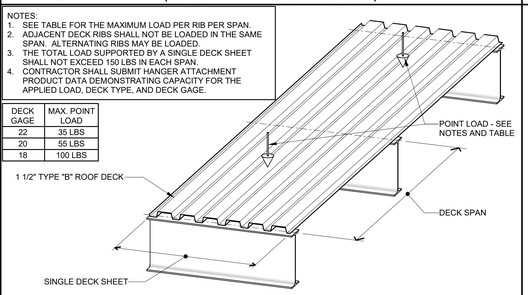
16 SECTION AT EXISTING FLOOR SLAB



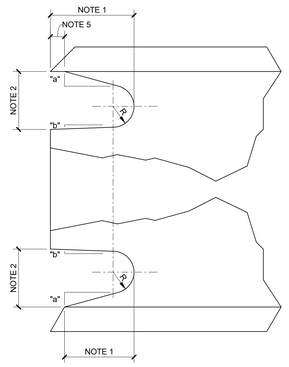
11 MECHANICAL UNIT CURB MOUNTING DETAIL

NOTES:
1. SEE TABLE FOR THE MAXIMUM LOAD PER RIB PER SPAN.
2. ADJACENT DECK RIBS SHALL NOT BE LOADED IN THE SAME SPAN. ALTERNATING RIBS MAY BE LOADED.
3. THE TOTAL LOAD SUPPORTED BY A SINGLE DECK SHEET SHALL NOT EXCEED 150 LBS IN EACH SPAN.
4. CONTRACTOR SHALL SUBMIT HANGER ATTACHMENT PRODUCT DATA DEMONSTRATING CAPACITY FOR THE APPLIED LOAD, DECK TYPE, AND DECK GAGE.

DECK GAGE	MAX. POINT LOAD
22	35 LBS
20	55 LBS
18	100 LBS

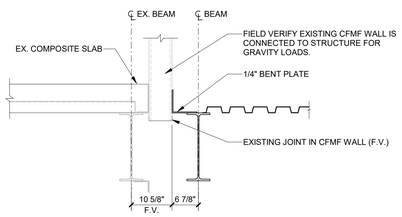


6 TYP. ROOF DECK POINT LOAD RESTRICTIONS (1 1/2" TYPE "B" ROOF DECK)

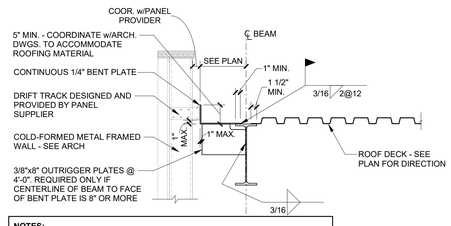


NOTES:
1. LENGTH: GREATER OF 1.5tw OR 1 1/2".
2. HEIGHT: GREATER OF 1.0tw OR 1" BUT NEED NOT EXCEED 2".
3. R = 3/8" MIN. GRIND THE THERMALLY CUT SURFACES OF WELD ACCESS HOLES IN HEAVY SHAPES AS DEFINED IN AISC 360-10 SECTIONS A3.1(c) AND (d)
4. SLOPE "a" FORMS A TRANSITION FORM THE WEB TO THE FLANGE. SLOPE "b" MAY BE HORIZONTAL.
5. THE BOTTOM OF THE TOP FLANGE IS TO BE CONTOURED TO PERMIT THE TIGHT FIT BACKING BARS WHERE THEY ARE TO BE USED.
6. THE WEB-TO FLANGE WELD OF BUILT UP MEMBERS IS TO BE HELD BACK A DISTANCE OF AT LEAST THE WELD SIZE FORM THE EDGE OF THE ACCESS HOLE.

1 TYPICAL WELD ACCESS HOLE DETAIL

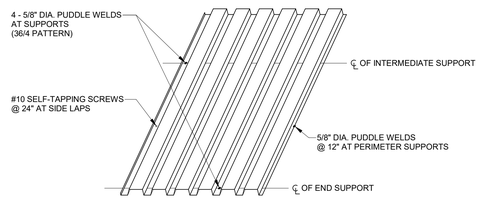


15 SECTION AT EXISTING FLOOR SLAB



NOTES:
1. WALL FRAMING AND ITS CONNECTION TO THE STRUCTURE TO BE DESIGNED BY THE SUPPLIER.
2. COORDINATE BENT PLATE ERECTION TOLERANCES WITH WALL PANEL SUPPLIER.

10 TYPICAL SECTION AT ROOF



5 TYPICAL ROOF DECK ATTACHMENT (1 1/2" TYPE "B" ROOF DECK)

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

Stanley D. Lindsey and Associates, Ltd.
1966
SDL
Structural Engineers
750 Old Hickory Blvd.
Building 1, Suite 175
Brentwood, TN 37027
www.sdlal.com
615 320 1735

Project No. 24237.00

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ED EXPANSION

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

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

AUTHORITY HAVING JURISDICTION'S PROJECT NO:

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN CORDINATION	2025/06/05

DATE:	04/18/25
SCALE:	As indicated
DRAWN:	JL
REVIEWED:	JDP & KF
JOB NUMBER:	6406.24.0003

STEEL & ROOF FRAMING SECTIONS AND DETAILS

S301

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EXIT ACCESSS TRAVEL DISTANCE - LEVEL 1

PER IBC 1016.1 THE MAX LENGTH OF EXIT ACCESS TRAVEL SHALL NOT EXCEED 200FT (I-2 OCCUPANCY)

PATH NAME	DISTANCE
LEVEL 1	
BARIATRIC EXAM	123'-10"
EXAM 21	103'-4"
STAFF LOUNGE	122'-9"
WAITING	99'-9"

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				
(E) 1-1476B	**@ EXISTING STAIR 4**	**69**	**32"**	**40"**
1-1400	**@ EMERGENCY DEPT. ENT.**	**69**	**32"**	**116 1/2"**

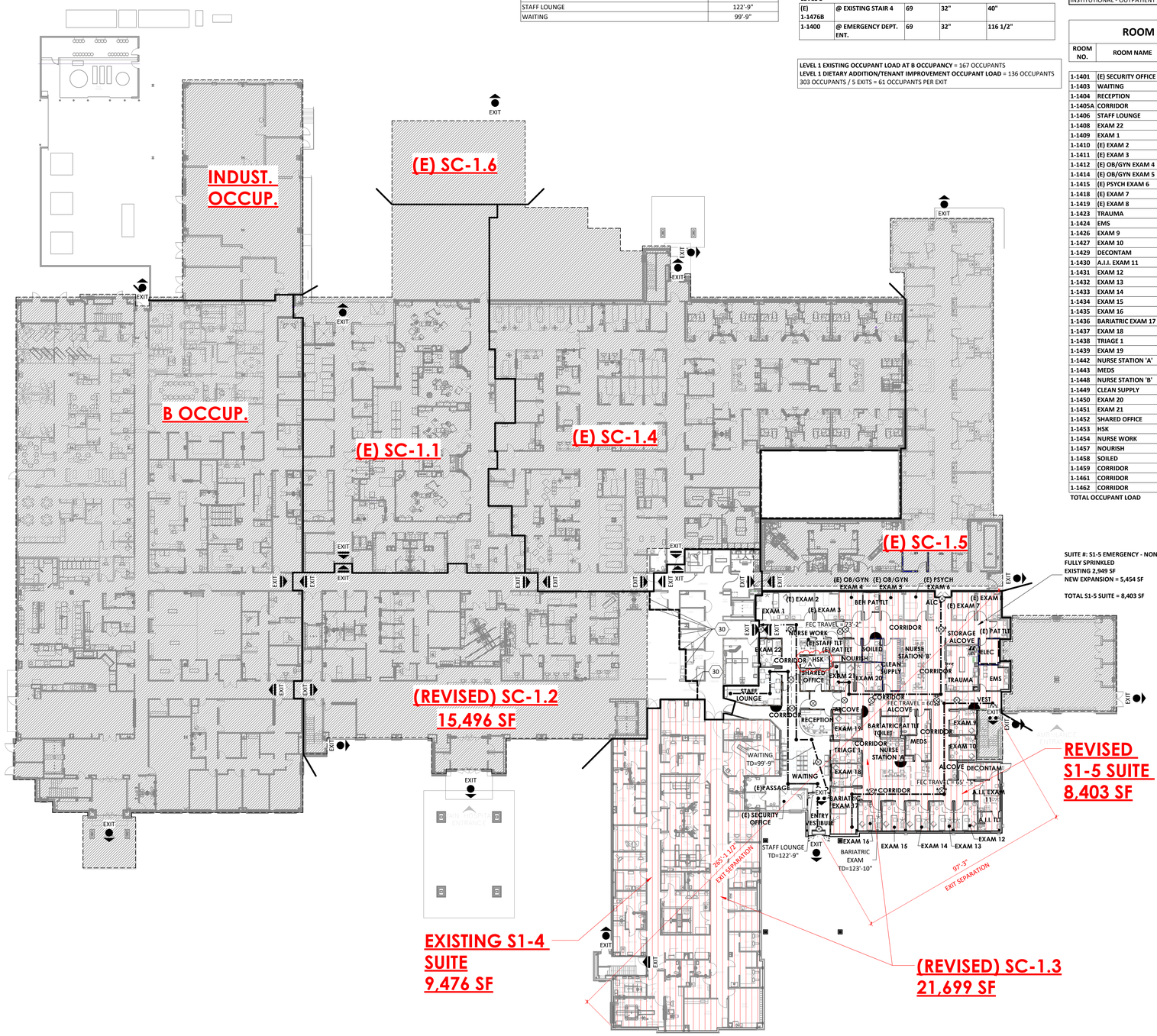
LEVEL 1 EXISTING OCCUPANT LOAD AT B OCCUPANCY = 167 OCCUPANTS
LEVEL 1 DIETARY ADDITION/TENANT IMPROVEMENT OCCUPANT LOAD = 136 OCCUPANTS
303 OCCUPANTS / 5 EXITS = 61 OCCUPANTS PER EXIT

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 - TABLES & CHAIRS (WAITING)	AT	15 SF	NET
BUSINESS AREA (OFFICE)	B	150 SF	GROSS
INSTITUTIONAL - OUTPATIENT AREA	IO	100 SF	GROSS

ROOM OCCUPANCY - LEVEL 1

ROOM NO.	ROOM NAME	AREA	OCC ID	LOAD FACTOR	OCCUPANT LOAD
1-1401	(E) SECURITY OFFICE	117 SF	B	150 SF	1
1-1403	WAITING	558 SF	AT	15 SF	38
1-1404	RECEPTION	155 SF	IO	100 SF	2
1-1405A	CORRIDOR	144 SF			
1-1406	STAFF LOUNGE	288 SF	AT	15 SF	20
1-1408	EXAM 22	126 SF	IO	100 SF	2
1-1409	EXAM 1	184 SF	IO	100 SF	2
1-1410	(E) EXAM 2	133 SF	IO	100 SF	2
1-1411	(E) EXAM 3	128 SF	IO	100 SF	2
1-1412	(E) OB/GYN EXAM 4	131 SF	IO	100 SF	2
1-1414	(E) OB/GYN EXAM 5	131 SF	IO	100 SF	2
1-1415	(E) PSYCH EXAM 6	133 SF	IO	100 SF	2
1-1418	(E) EXAM 7	132 SF	IO	100 SF	2
1-1419	(E) EXAM 8	127 SF	IO	100 SF	2
1-1423	TRAUMA	287 SF	IO	100 SF	3
1-1424	EMS	147 SF	AT	15 SF	10
1-1426	EXAM 9	138 SF	IO	100 SF	2
1-1427	EXAM 10	134 SF	IO	100 SF	2
1-1429	DECONTAM	148 SF	S	300 SF	1
1-1430	A.I.I. EXAM 11	153 SF	IO	100 SF	2
1-1431	EXAM 12	140 SF	IO	100 SF	2
1-1432	EXAM 13	140 SF	IO	100 SF	2
1-1433	EXAM 14	140 SF	IO	100 SF	2
1-1434	EXAM 15	140 SF	IO	100 SF	2
1-1435	EXAM 16	140 SF	IO	100 SF	2
1-1436	BARIATRIC EXAM 17	266 SF	IO	100 SF	3
1-1437	EXAM 18	138 SF	IO	100 SF	2
1-1438	TRIAGE 1	143 SF	IO	100 SF	2
1-1439	EXAM 19	147 SF	IO	100 SF	2
1-1442	NURSE STATION 'A'	310 SF	IO	100 SF	4
1-1443	MEDS	190 SF	IO	100 SF	2
1-1448	NURSE STATION 'B'	282 SF	IO	100 SF	3
1-1449	CLEAN SUPPLY	178 SF	S	300 SF	1
1-1450	EXAM 20	156 SF	IO	100 SF	2
1-1451	EXAM 21	139 SF	IO	100 SF	2
1-1452	SHARED OFFICE	130 SF	B	150 SF	1
1-1453	HSK	71 SF	S	300 SF	1
1-1454	NURSE WORK	53 SF	IO	100 SF	1
1-1457	NOURISH	83 SF	IO	100 SF	1
1-1458	SOILED	89 SF	S	300 SF	1
1-1459	CORRIDOR	110 SF			
1-1461	CORRIDOR	129 SF			
1-1462	CORRIDOR	306 SF			
TOTAL OCCUPANT LOAD					137



LIFE SAFETY LEGEND

- EXIT
- EXIT ACCESS DOORWAY
- HORIZONTAL EXIT/SMOKE COMPARTMENT EXIT (B)
- 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

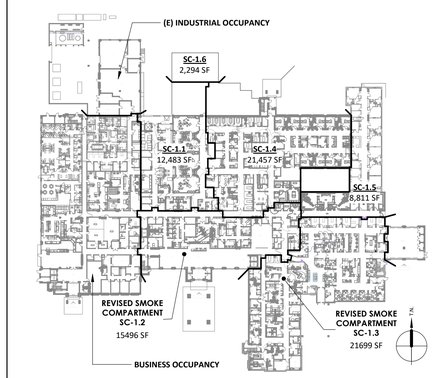
EXISTING	NEW	
		NON-RATED PARTITION
		2-HOUR FIRE BARRIER
		1-HOUR FIRE BARRIER
		1-HOUR SMOKE BARRIER
		SMOKE PARTITION
		1-HOUR FIRE PARTITION

- LIMITS OF CONSTRUCTION (SHADE INDICATES AREA OUTSIDE OF SCOPE)
- HATCH INDICATES SUITE (NON SLEEPING)

KEYNOTE LEGEND

KEY	NOTE
30	DASHED LINE REPRESENTS RATED WALLS NO LONGER REQUIRED DUE TO THE DECOMMISSIONING OF THE EXISTING SMOKE COMPARTMENT WALL THAT IS NO LONGER NEEDED.

SMOKE COMPARTMENT PLAN



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

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

Consultant:

DUDLEY C. CAMPBELL
STATE OF MISSOURI
NUMBER A-2021002549
DATE SIGNED: 06.05.25

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2100 SE BLUE PKWY LEE'S SUMMIT, MO 64063

AUTHORITY HAVING JURISDICTION:
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MISSOURI DHSS

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/06/05
B	DESIGN COORDINATION	2025/06/05

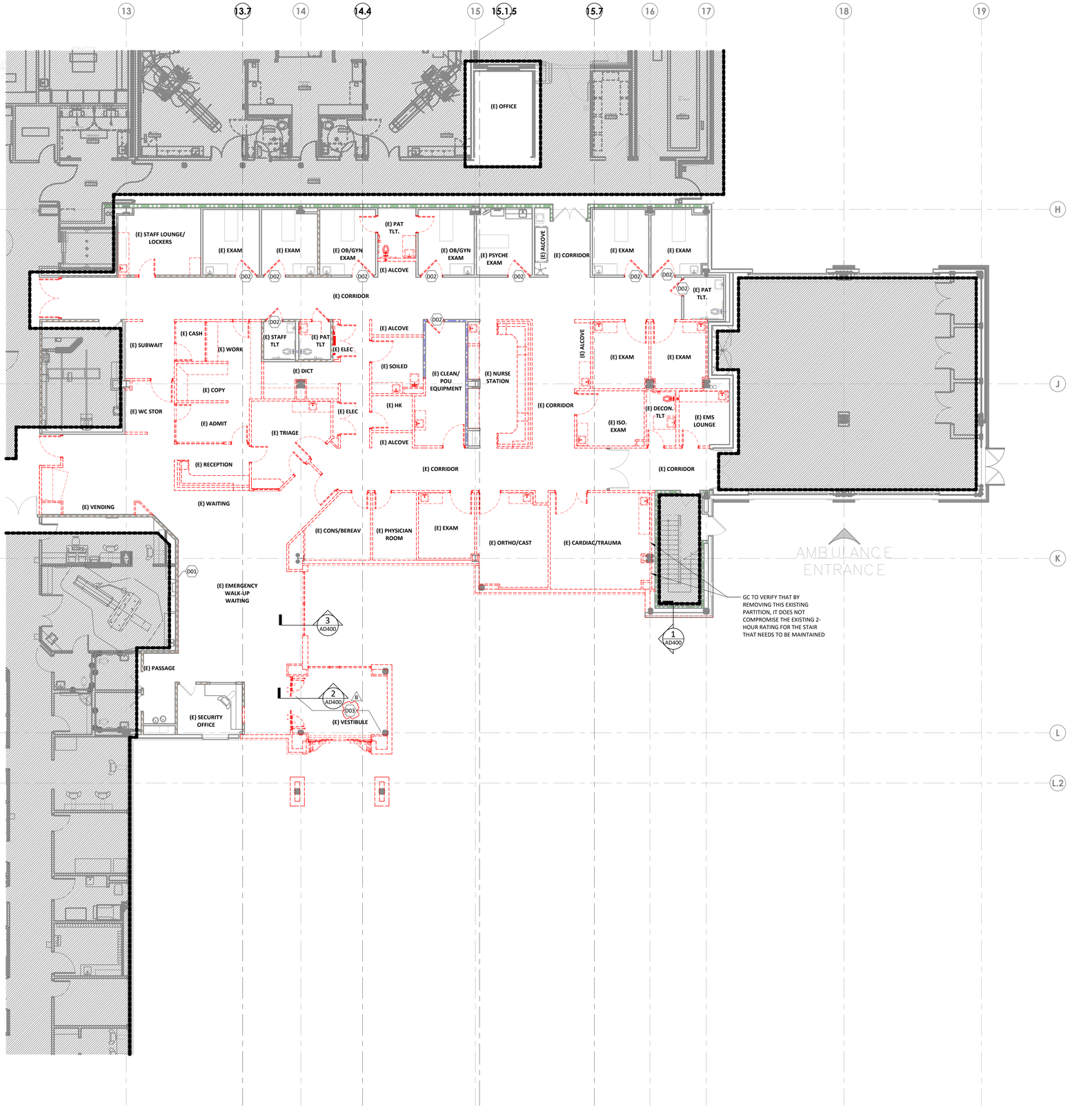
DATE:	2025/04/18
SCALE:	As indicated
DRAWN:	JV, LL
REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

LIFE SAFETY FLOOR PLAN – LEVEL 1

AC101

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1 DEMOLITION PLAN - OVERALL - LEVEL 1
1/8" = 1'-0"

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

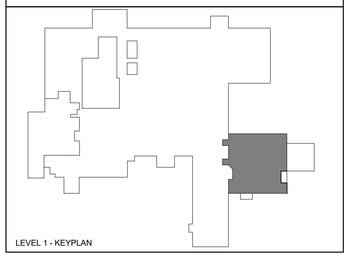
EXISTING	NEW	
		NON-RATED PARTITION
		2-HOUR FIRE BARRIER
		1-HOUR FIRE BARRIER
		1-HOUR SMOKE BARRIER
		SMOKE PARTITION
		1-HOUR FIRE PARTITION

LIMITS OF CONSTRUCTION (SHADE INDICATES AREA OUTSIDE OF SCOPE)

KEYNOTE LEGEND

KEY	NOTE
D01	REMOVE/ RELOCATE EXISTING ITEMS ON THIS PARTITION TO NEW PARTITION. SALVAGE ITEMS AND RETURN TO OWNER. REFER TO ELECTRICAL.
D02	REMOVE EXISTING DOOR AND HARDWARE, FRAME TO REMAIN.
D03	DEMO CONCRETE SLAB AND FOOTINGS THIS AREA

KEY PLAN



Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

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REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

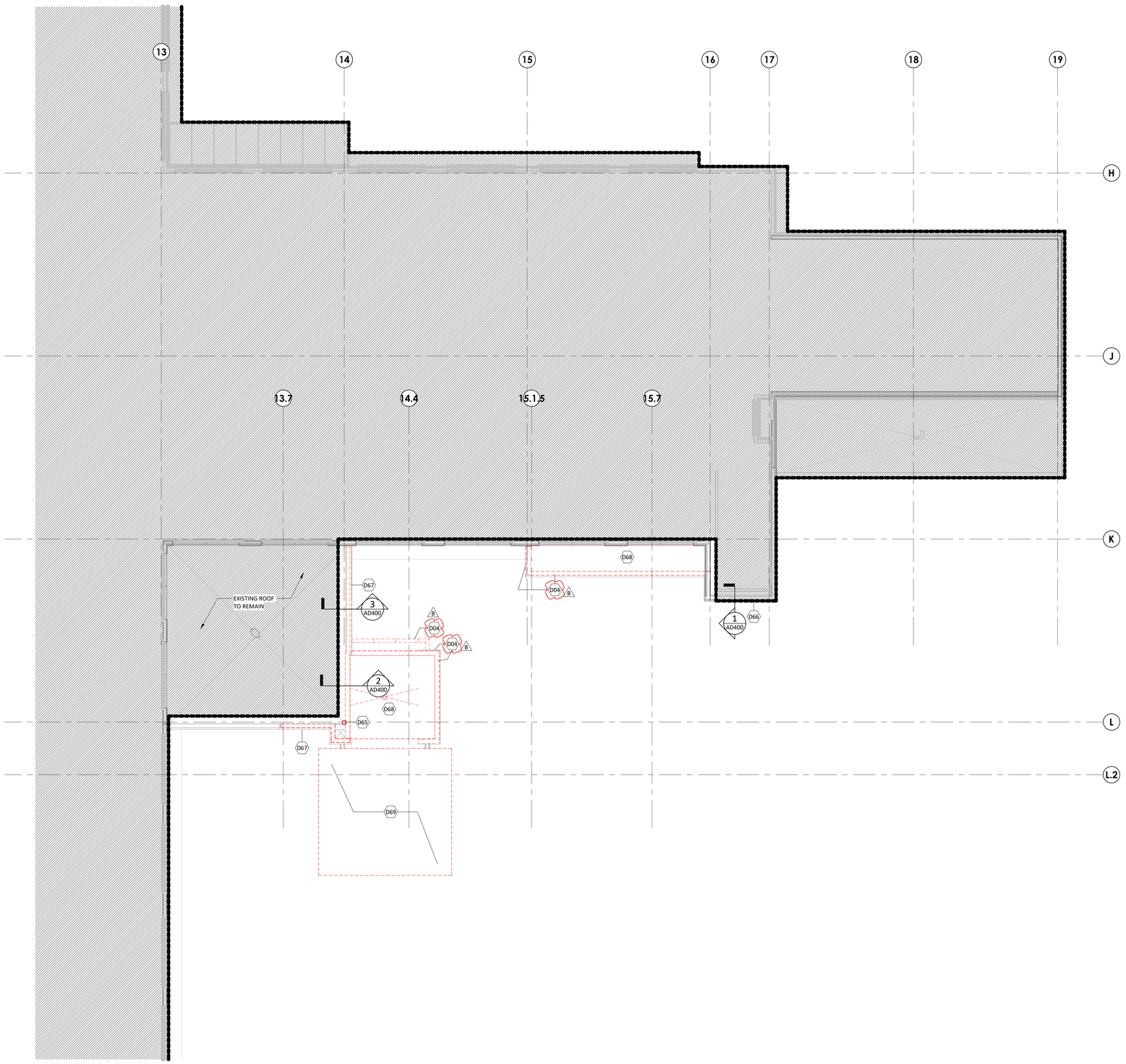
DATE:	2025/04/18
SCALE:	1/8" = 1'-0"
DRAWN:	JV, LL
REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

DEMOLITION PLAN - LEVEL 1

AD100

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1 DEMOLITION PLAN - ROOF
1/8" = 1'-0"

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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.
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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
B D04	REMOVE EXISTING EXTERIOR WALL. SEE DEMOLITION DRAWINGS FOR DEMOLITION EXTENT.
D65	REMOVE EXISTING HSS COLUMN.
D66	REMOVE PORTION OF EXISTING BRICK SYSTEM.
D67	REMOVE PORTION OF EXISTING EXTERIOR PARAPET WALL AND METAL COPING. PROTECT EXISTING ROOFING DURING CONSTRUCTION, AS REQUIRED, TO PROVIDE WEATHER TIGHT CONDITION. SEE SHEET AD400 FOR DEMOLITION EXTENTS.
D68	DEMO EXISTING TPO OVER LIGHTWEIGHT INSULATED CONCRETE ROOF SYSTEM.
D69	REMOVE EXISTING CANOPY ROOFING/STRUCTURE.

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

COMMONWEALTH OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021009549

DATE SIGNED: 06.05.25

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ED EXPANSION

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

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DATE:	2025/04/18
SCALE:	1/8" = 1'-0"
DRAWN:	JV, LL
REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

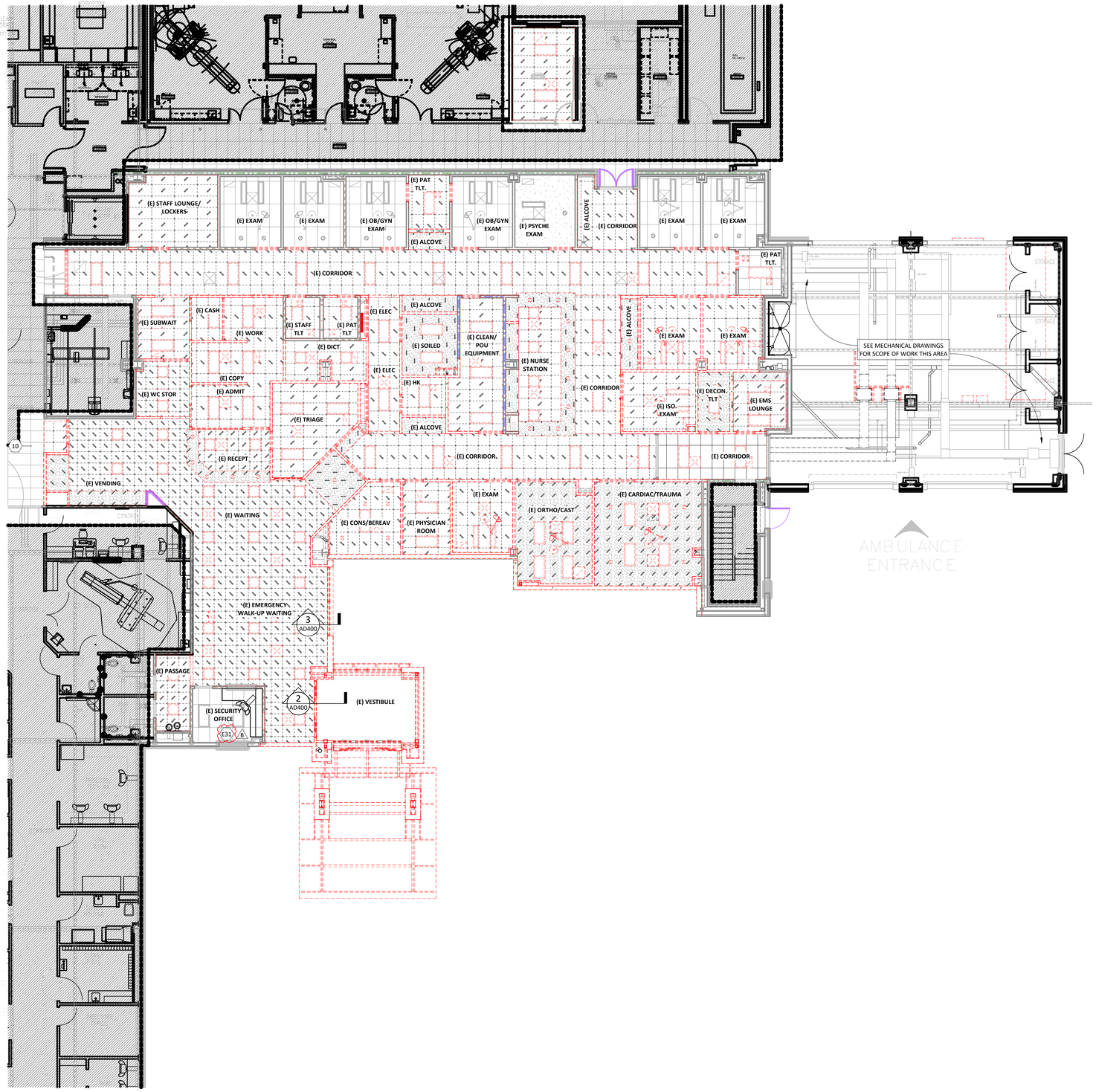
DEMOLITION PLAN - ROOF

AD104

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1 DEMOLITION RCP - OVERALL - LEVEL 1
1/8" = 1'-0"

DEMOLITION GENERAL NOTES

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

REFLECTED CEILING LEGEND

EXISTING	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
		CURTAIN TRACK

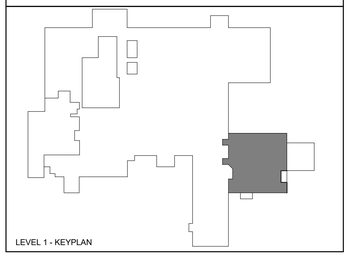
PARTITION LEGEND

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
10	PATCH, REPAIR AND/OR REPLACE DAMAGED FINISHES TO MATCH EXISTING ADJACENT SURFACES.
E31	REMOVE EXISTING CEILING TILES AS REQUIRED FOR ABOVE CEILING WORK. REINSTALL CEILING TILES AFTER WORK IS COMPLETE.

KEY PLAN



LEVEL 1 - KEYPLAN

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

DUDLEY C. CAMPBELL
STATE OF MISSOURI
NUMBER A-2021009549

DATE SIGNED: 06.05.25

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FACILITY NUMBER:
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AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

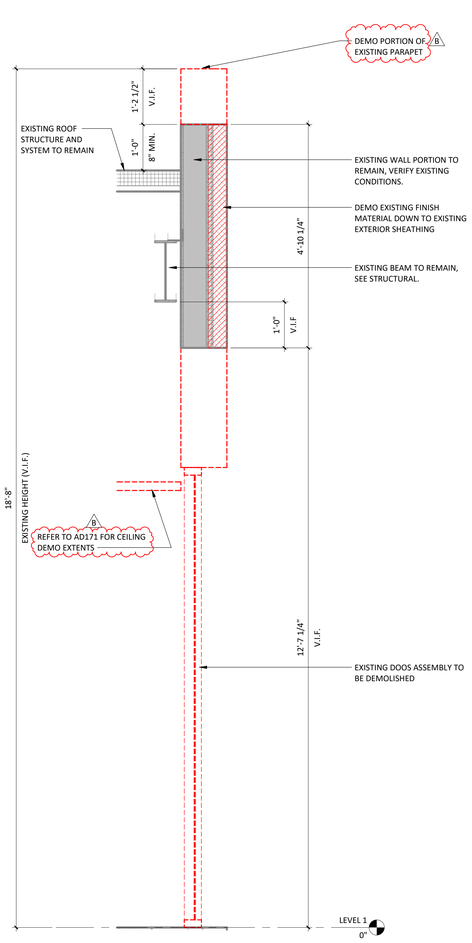
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SCALE:	1/8" = 1'-0"
DRAWN:	JV
REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

DEMOLITION RCP - LEVEL 1

AD171

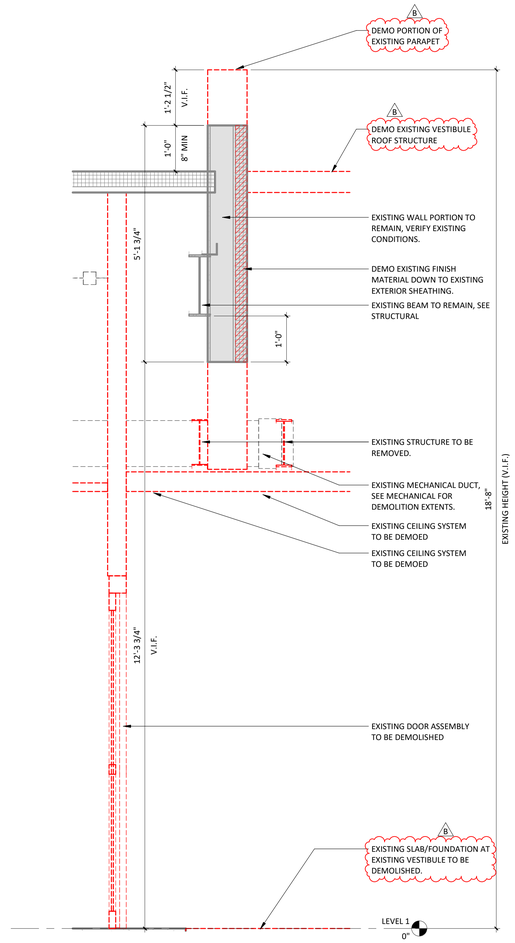
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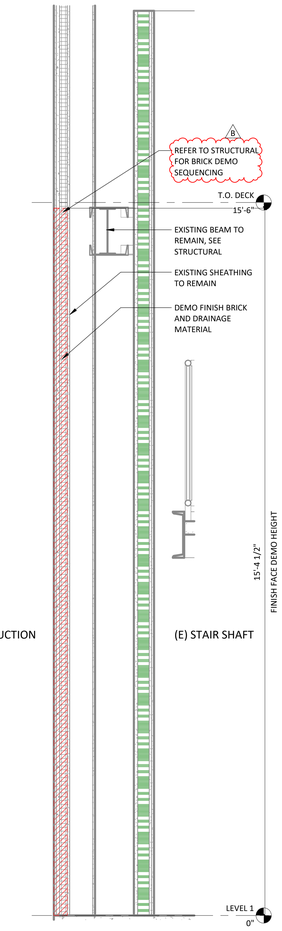
EXISTING PARAPET AT NEW ROOF - SECTION A

3 3/4" = 1'-0"



EXISTING PARAPET AT NEW ROOF - SECTION B

2 3/4" = 1'-0"



EXISTING BRICK TO NEW ROOF

1 3/4" = 1'-0"

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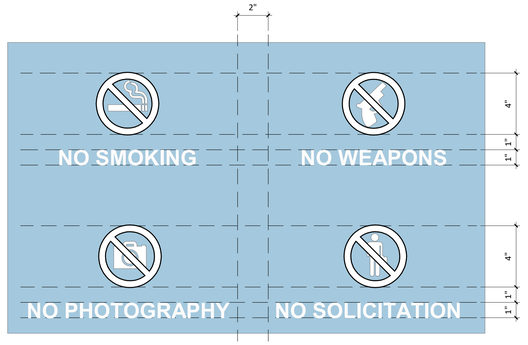
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DEMOLITION SECTIONS

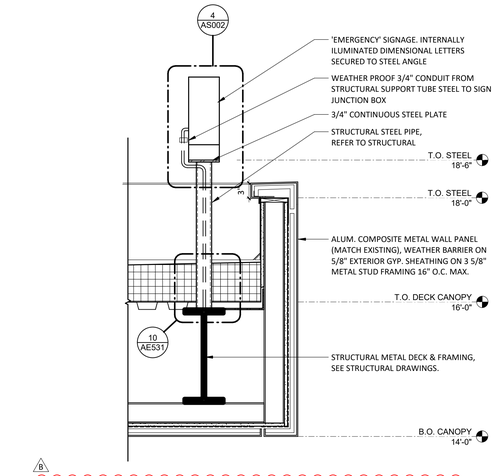
AD400

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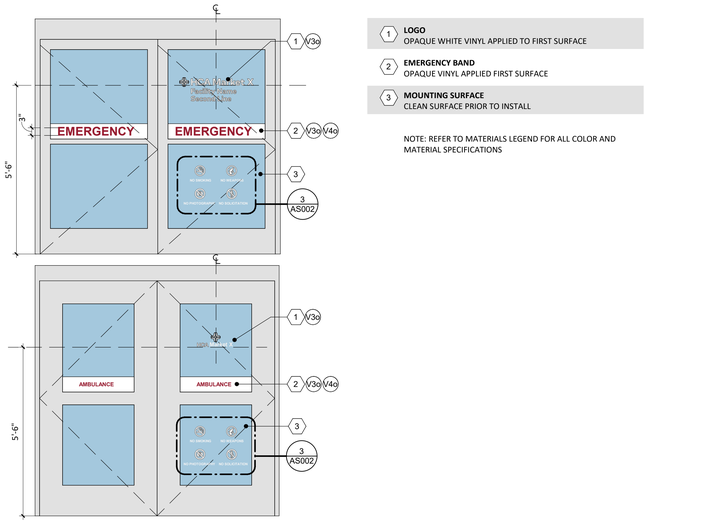
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3 DOOR VINYL DETAIL
3" = 1'-0"



5 CANOPY EDGE - SIGN
1" = 1'-0"



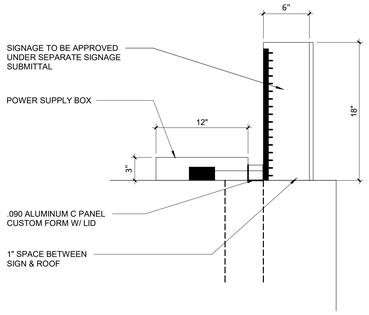
1 **LOGO**
OPAQUE WHITE VINYL APPLIED TO FIRST SURFACE

2 **EMERGENCY BAND**
OPAQUE VINYL APPLIED FIRST SURFACE

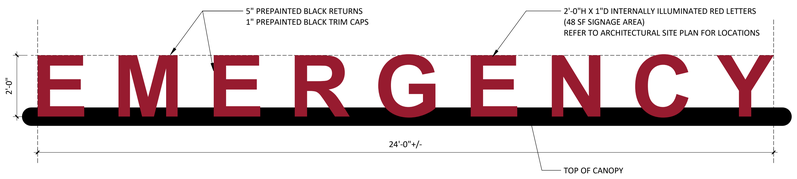
3 **MOUNTING SURFACE**
CLEAN SURFACE PRIOR TO INSTALL

NOTE: REFER TO MATERIALS LEGEND FOR ALL COLOR AND MATERIAL SPECIFICATIONS

2 REGULATORY PANEL AT ENTRY AND AMBULANCE (BASIS OF DESIGN)
1/2" = 1'-0"



4 CANOPY SIGN ATTACHMENT
1 1/2" = 1'-0"



1 FREESTANDING CANOPY LETTERS - EMERGENCY
1/2" = 1'-0"

Devenney Group Ltd., Architects

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Suite 500
Scottsdale, AZ 85251

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ED EXPANSION

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

FACILITY NUMBER:
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AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DATE: 2025/04/18
SCALE: As indicated
DRAWN:
REVIEWED:
JOB NUMBER: 6406.24.0003

EXTERIOR CANOPY & DOOR SIGNAGE DETAILS

AS002

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1 ANNOTATION PLAN - LEVEL 1
1/8" = 1'-0"

ANNOTATION PLAN 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.

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)
		HATCH INDICATES SUITE (NON SLEEPING)

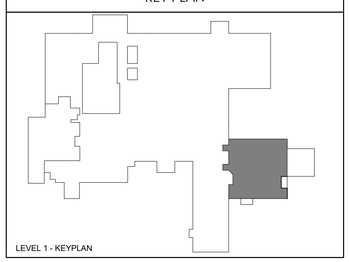
ACCESS CONTROL LEGEND

AO	AUTO OPERATOR	IC	INTERCOM
CK	CARD READER AND KEYPAD COMBO	PB	PUSH BUTTON ACTIVATION
CR	CARD READER	RR	REMOTE RELEASE

KEYNOTE LEGEND

KEY	NOTE
24	ADD ALTERNATE - RENOVATE ROOM AS A PSYCHE ROOM - DEMO ROOM AND PROVIDE NEW ANTI-LIGATURE / TAMPER PROOF LIGHT FIXTURES, CEILING MOUNTED DEVICES AND MECHANICAL GRILLES IN THIS ROOM, CASEWORK WILL BE RELOCATED AND RELOCATE HEADWALL TO NORTH WALL.
29	GC TO PROVIDE PRICE TO COSMETICALLY UPGRADE 7 EXISTING EXAM ROOMS
32	PATCH EXISTING FLOORING IF NEEDED DUE TO NEW CONSTRUCTION.

KEY PLAN



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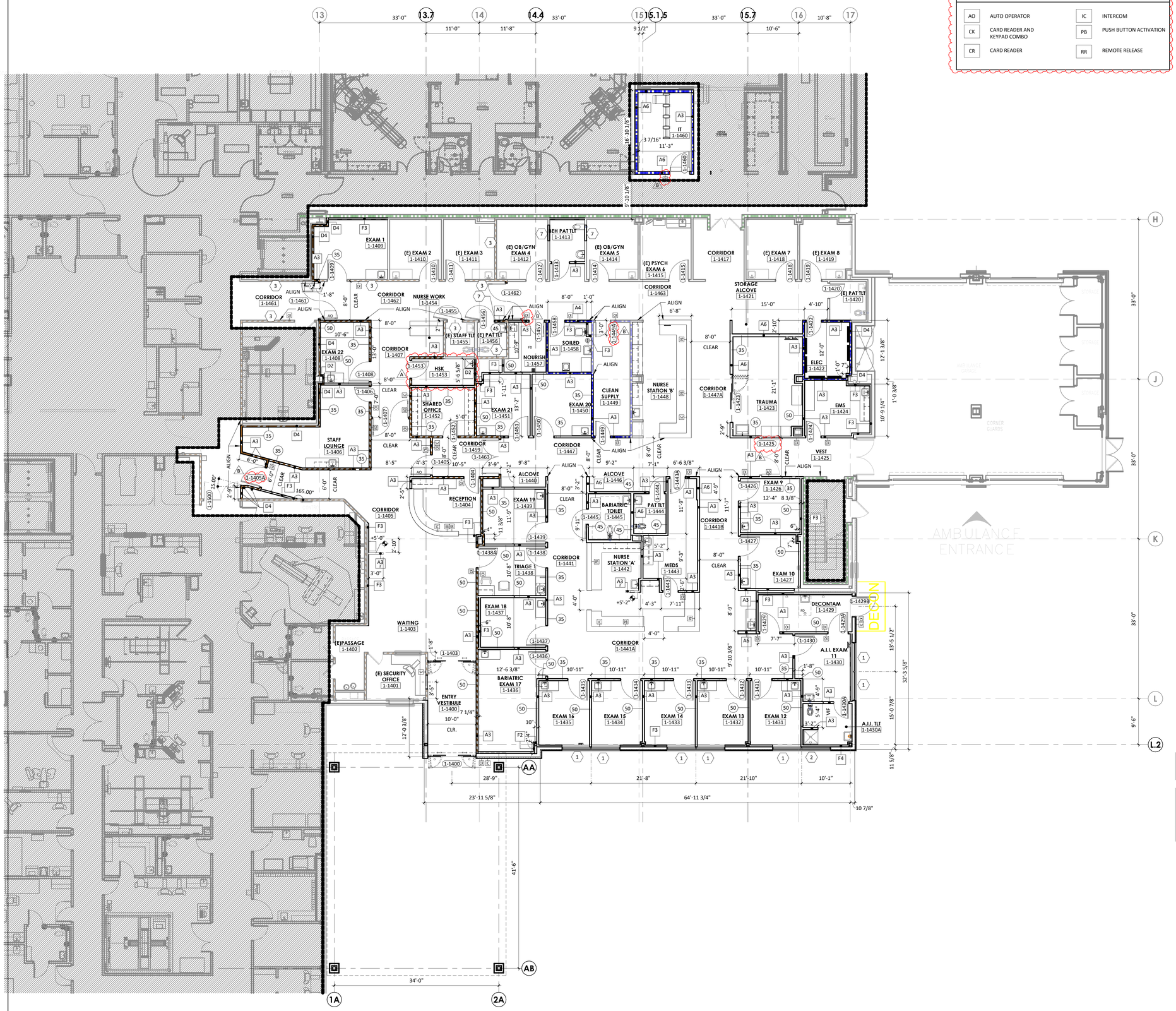
ANNOTATION FLOOR PLAN - LEVEL 1

AE101

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1 DIMENSION PLAN - LEVEL 1
1/8" = 1'-0"

ACCESS CONTROL LEGEND

AO	AUTO OPERATOR	IC	INTERCOM
CK	CARD READER AND KEYPAD COMBO	PB	PUSH BUTTON ACTIVATION
CR	CARD READER	RR	REMOTE RELEASE

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.

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)

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. CABLE TRAY PENTRATIONS IN STC PARTITIONS SHOULD BE PACKED TIGHTLY WITH HEAVY DENSITY PUTTY.

STC PARTITION RATINGS (##)

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

ADJACENCY COMBINATION		STC[2]
DIAGNOSTIC AND TREATMENT LOCATIONS		
EXAM ROOM	CORRIDOR (WITH ENTRANCE)	35[3]
EXAM ROOM	EXAM RM (W/ ELECTRICAL MASKING)	40[4]
EXAM ROOM	EXAM RM (NO ELECTRICAL MASKING)	50
EXAM ROOM	PUBLIC SPACE	50
TREATMENT ROOM	CORRIDOR (WITH ENTRANCE)	35[3]
TREATMENT ROOM	TREATMENT ROOM	50
TOILET ROOM	PUBLIC SPACE	45
CONSULTATION RM	PUBLIC SPACE	50
CONSULTATION RM	CORRIDOR (WITH ENTRANCE)	35[3]

NOTES:

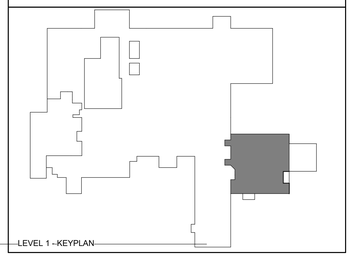
REFER TO SPECIFICATIONS FOR GYP BD REQUIREMENTS AT STC >40 CONDITIONS.

1. ADDITIONAL SPACES SHALL BE ADDED BASED ON THE BUILDING PROGRAM
2. THE STC VALUES STATED ASSUME THE NEED FOR NORMAL SPEECH PRIVACY AS PER FGI 2022 TABLE 1.2-6 - 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.
3. IN CASES WHERE GREATER SPEECH PRIVACY IS REQUIRED BETWEEN PATIENT CARE ROOMS WHEN BOTH ROOM DOORS TO THE CONNECTING CORRIDOR ARE CLOSED, THE COMPOSITE DEMISING WALL PERFORMANCE REQUIREMENT SHALL BE STC 50
4. 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.
5. 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
6. ELECTRONIC MASKING SHALL PROVIDE A MAXIMUM BACKGROUND LEVEL OF 48 DBA

KEYNOTE LEGEND

KEY	NOTE
1	FURRED PARTITION FRAMES AROUND WINDOW WITH GYPSUM BOARD RETURN AND AT WINDOW SILL.
2	FURRED PARTITION FRAMING GOES UP TO DECK FOR SHOWER ATTACHMENT.
3	FIELD VERIFY THAT THE EXISTING PARTITION MEETS THE NEW SMOKE PARTITION REQUIREMENTS.
7	INFILL DOOR OPENING TO MATCH EXISTING MATERIALS AND SCHEDULED FINISHES.

KEY PLAN



LEVEL 1 - KEYPLAN

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

DUDLEY C. CAMPBELL
STATE OF MISSOURI
NUMBER A-2021002540

DATE SIGNED: 06.05.25

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ED EXPANSION

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

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/06/05
B	DESIGN COORDINATION	2025/06/05

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REVIEWED:
JOB NUMBER: 6406.24.0003

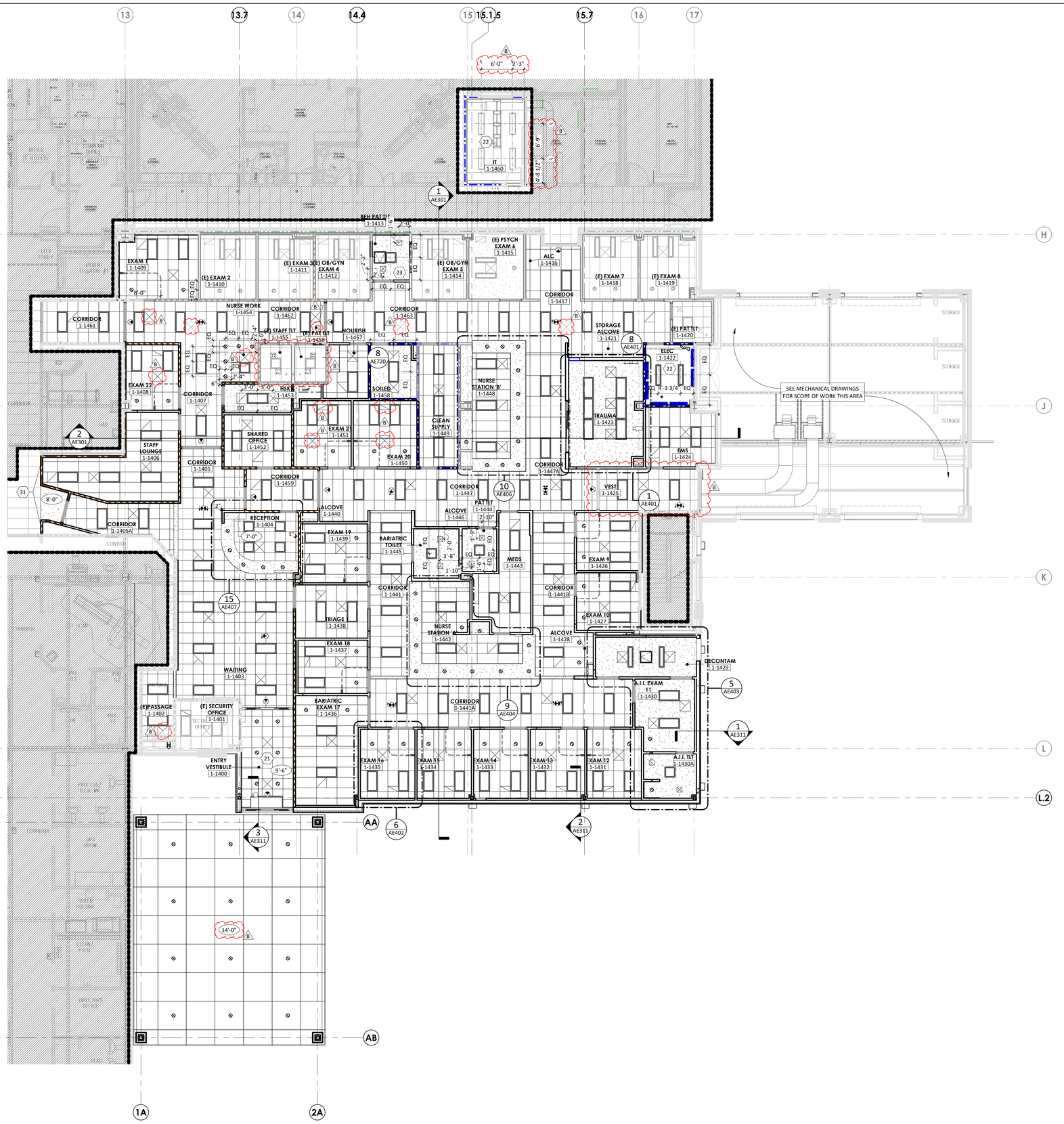
DIMENSION FLOOR PLAN - LEVEL 1

AE102

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1 REFLECTED CEILING PLAN - LEVEL 1
1/8" = 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
		CURTAIN TRACK

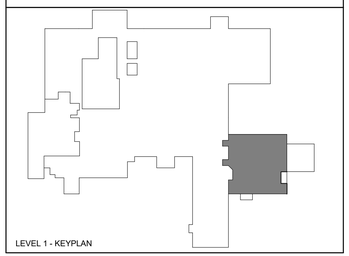
PARTITION LEGEND

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
21	PROVIDE HOLD-DOWN CLIPS ON LAY-IN ACOUSTIC CEILING PANELS.
22	NO FINISH CEILING SYSTEM IN THIS ROOM.
23	PROVIDE ANTI-LIGATURE / TAMPER PROOF LIGHT FIXTURES, CEILING MOUNTED DEVICES AND MECHANICAL GRILLES IN THIS ROOM.
31	PATCH EXISTING CEILING IF NEEDED DUE TO NEW CONSTRUCTION.

KEY PLAN



LEVEL 1 - KEYPLAN

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

DUDLEY C. CAMPBELL
STATE OF MISSOURI
NUMBER A-2021005549

DATE SIGNED: 06.05.25

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AUTHORITY HAVING JURISDICTION:
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MISSOURI DHSS

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
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DRAWN:	JV, LL
REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

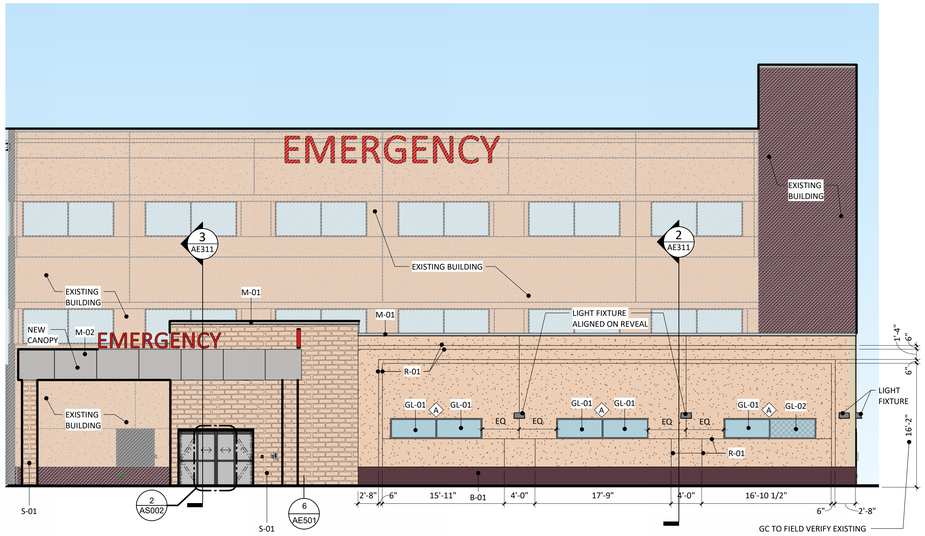
REFLECTED CEILING PLAN - LEVEL 1

AE181

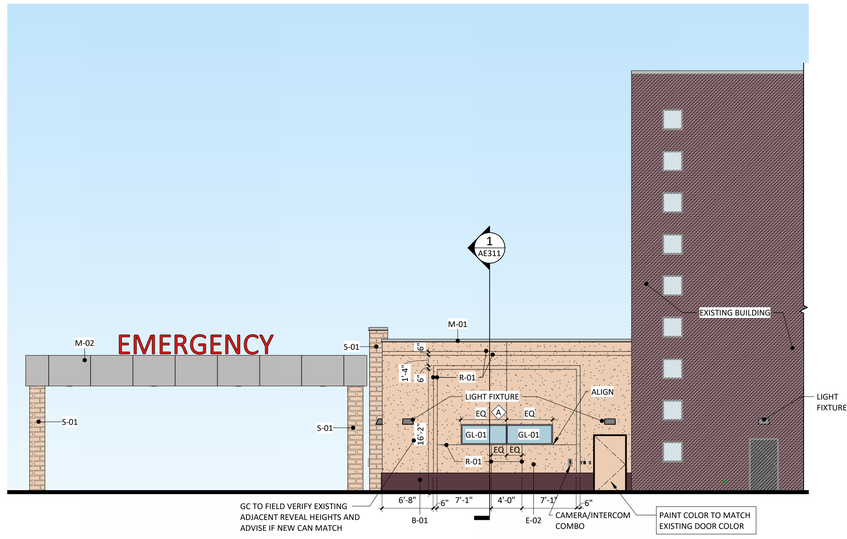
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1 SOUTH ELEVATION
1/8" = 1'-0"



2 EAST ELEVATION
1/8" = 1'-0"

MATERIAL LEGEND

GL-01
PRODUCT: VISION INSULATED GLAZING UNIT
MFR: TBD
FINISH: MATCH EXISTING

GL-02
PRODUCT: SPANDREL INSULATED GLAZING UNIT
MFR: TBD
FINISH: MATCH EXISTING

E-02
PRODUCT: EXTERIOR INSULATION FINISH SYSTEM COLOR 2
MFR: TBD
FINISH: MATCH EXISTING

B-01
PRODUCT: THIN BRICK VENEER
MFR: TBD
FINISH: MATCH EXISTING

M-01
PRODUCT: PREFINISHED METAL COPING
MFR: TBD
FINISH: MATCH EXISTING

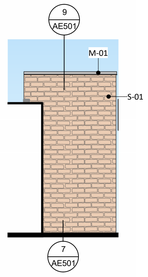
M-02
PRODUCT: METAL CANOPY
MFR: TBD
FINISH: MATCH EXISTING

R-01
PRODUCT: EIFS AND STONE REVEAL
MFR: TBD
FINISH: MATCH EXISTING

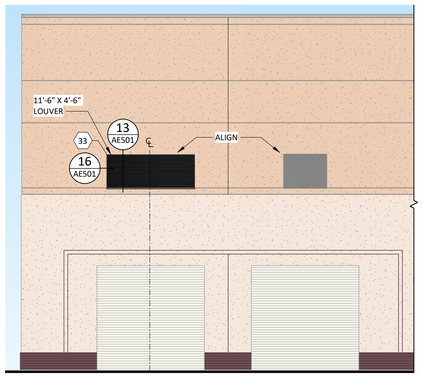
S-01
PRODUCT: STONE VENEER
MFR: TBD
FINISH: MATCH EXISTING

KEYNOTE LEGEND

KEY	NOTE
33	LOUVER TO PROVIDE A MINIMUM OF 22 SQFT OF OPEN AIR, REFER TO MECHANICAL DRAWINGS FOR OPEN AIR REQUIREMENTS. LOUVER MANUFACTURER AND FINISH TO MATCH EXISTING ADJACENT LOUVER.



3 WEST ELEVATION
1/8" = 1'-0"



4 NORTH ELEVATION - AMBULANCE GARAGE
1/8" = 1'-0"







5 ED EXPANSION - SOUTHEAST VIEW

Devenney GROUP
Devenney Group Ltd., Architects
6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251
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www.devenneygroup.com

Consultant:

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NUMBER A-2021002549
DATE SIGNED: 06.05.25

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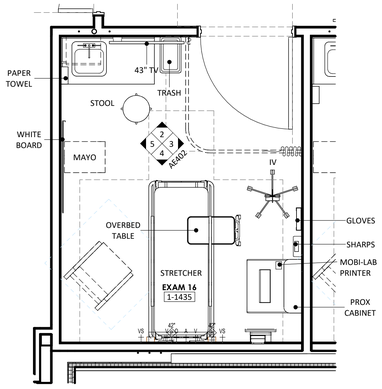
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REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

EXTERIOR BUILDING ELEVATIONS

AE201

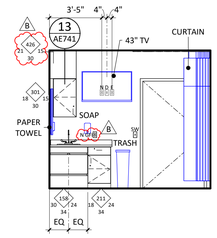
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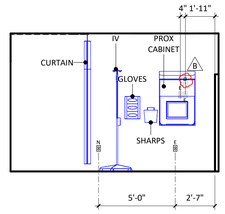
1 TYPICAL EXAM PLAN

3/8" = 1'-0"



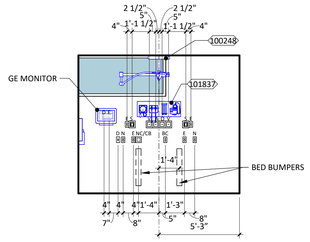
2 TYP EXAM - FOOTWALL

1/4" = 1'-0"



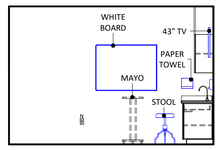
3 TYP EXAM - STAFF

1/4" = 1'-0"



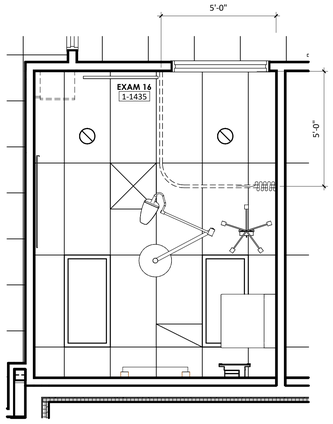
4 TYP EXAM - HEADWALL

1/4" = 1'-0"



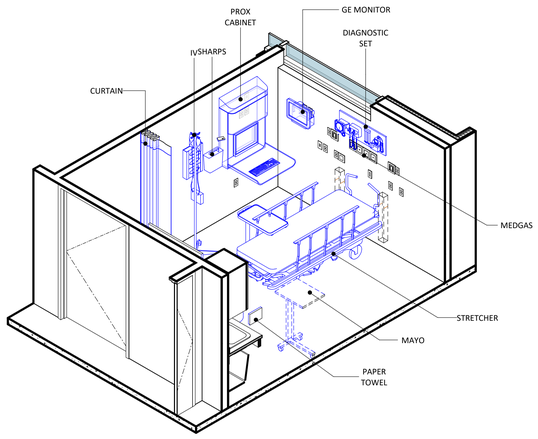
5 TYP EXAM - FAMILY

1/4" = 1'-0"

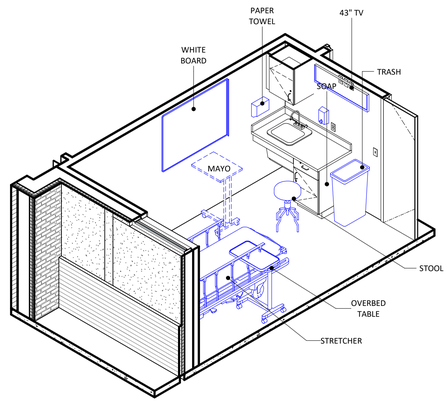


6 TYPICAL EXAM RCP

3/8" = 1'-0"



7 TYPICAL EXAM - HEADWALL



8 TYPICAL EXAM - FOOTWALL

ANNOTATION PLAN 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.
4. SOLID GRAY INFORMATION INDICATES PRE-FABRICATED COMPONENTS BY OWNER VENDOR. REFER TO VENDOR DRAWINGS FOR ADDITIONAL INFORMATION.

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.
7. ALL CASEWORK TO HAVE 3" FILLER AT ADJACENT PARTITION UNLESS DIMENSIONED OTHERWISE.
8. ALL CASEWORK COUNTERTOPS TO OVERHANG CABINET BY 1".

OFCI EQUIPMENT SCHEDULE

HCA EQUIP NO	ABBREV	DESCRIPTION	FURNISHED BY	INSTALLED BY
100248	SURGICAL LIGHT	Maquet_LED_Surgical_Light	OF	CI
101837	DIAGNOSTIC SET	10_ SPEQ_ Diagnostic Set_ FB_ v01	OF	CI

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6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

DUDLEY C. CAMPBELL
NOTARY PUBLIC - MISSOURI
NOTARY NUMBER 17201002540

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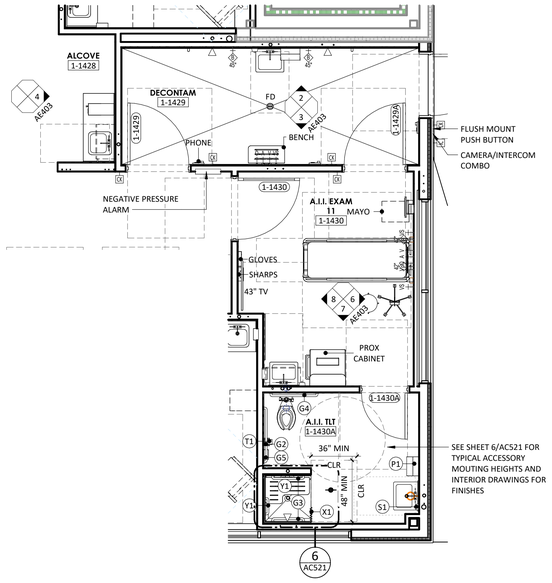
ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - TYPICAL EXAM ROOM

AE402

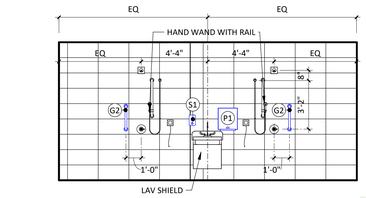
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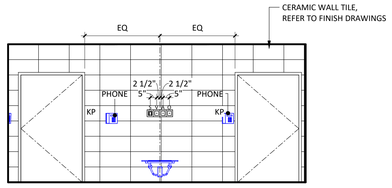
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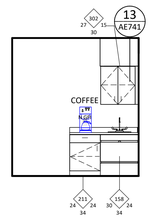
1 A.I.I. EXAM, DECON, NOURISH
1/4" = 1'-0"



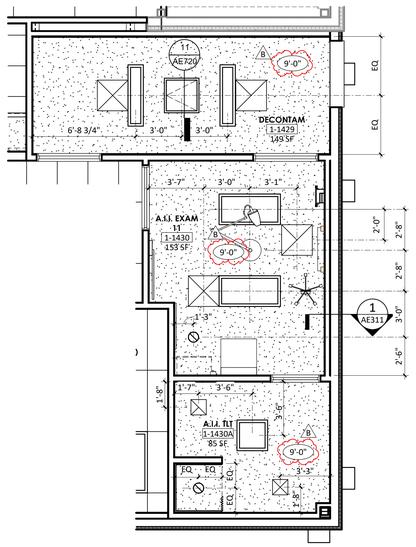
2 DECON - SHOWER WALL
1/4" = 1'-0"



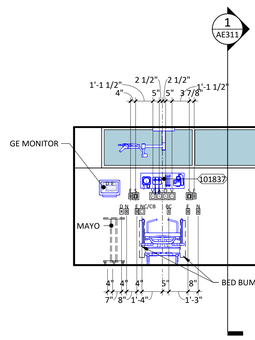
3 DECON - MED GAS
1/4" = 1'-0"



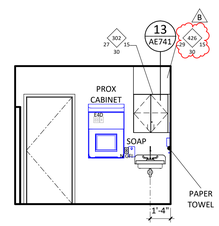
4 ALCOVE
1/4" = 1'-0"



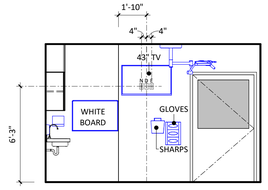
5 A.I.I. EXAM, DECON, NOURISH - ENLARGED RCP
1/4" = 1'-0"



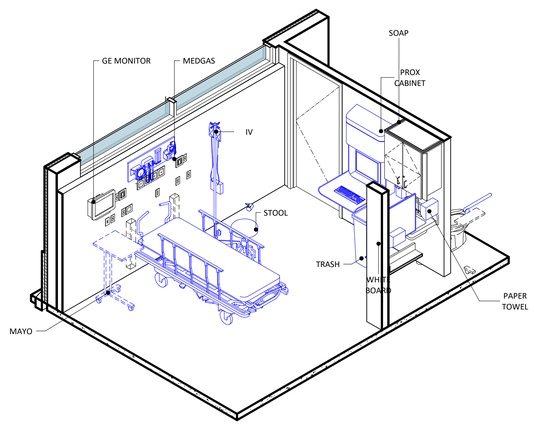
6 A.I.I. EXAM - HEADWALL
1/4" = 1'-0"



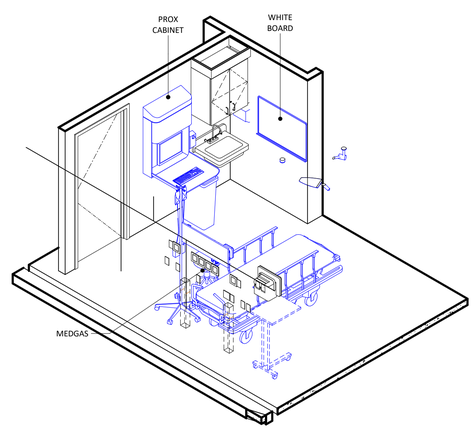
7 A.I.I. EXAM - STAFF
1/4" = 1'-0"



8 A.I.I. EXAM - FOOTWALL
1/4" = 1'-0"



9 A.I.I. EXAM - HEADWALL



10 A.I.I. EXAM - FOOTWALL

ANNOTATION PLAN 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.
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INTERIOR ELEVATIONS GENERAL NOTES

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6. PROVIDE COUNTERTOP SUPPORTS AT OPEN KNEESPACE LOCATION. INSTALL AT 32" ON CENTER MAXIMUM.
7. ALL CASEWORK TO HAVE 3" FILLER AT ADJACENT PARTITION UNLESS DIMENSIONED OTHERWISE.
8. ALL CASEWORK COUNTERTOPS TO OVERHANG CABINET BY 1".

OFCI EQUIPMENT SCHEDULE

HCA EQUIP NO	ABBREV	DESCRIPTION	FURNISHED BY	INSTALLED BY
100248	SURGICAL LIGHT	Maquet_LED_Surgical_Light	OF	CI
101837	DIAGNOSTIC SET	10_ SPEQ_ Diagnostic Set_ FB_ v01	OF	CI

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

Consultant:

DUDLEY C. CAMPBELL
NUMBER A-2021002549
DATE SIGNED: 06.05.25

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ED EXPANSION

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

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

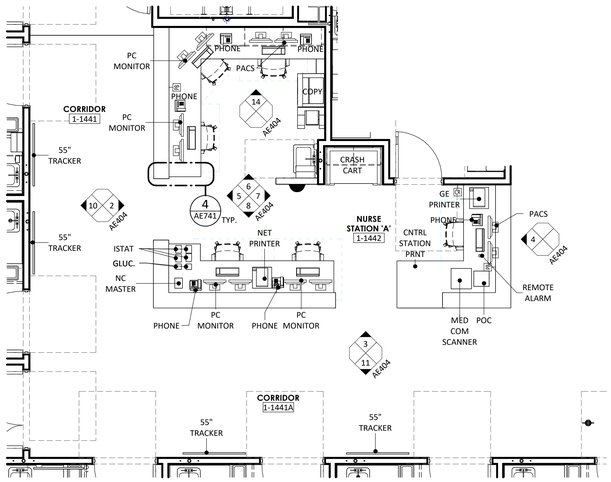
REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DATE:	2025/04/18
SCALE:	1/4" = 1'-0"
DRAWN:	JV, LL
REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

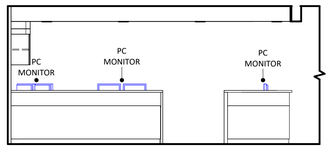
ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - A.I.I.

AE403

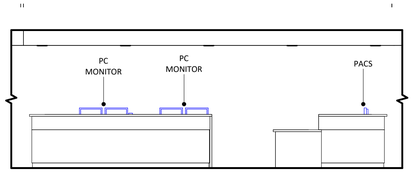
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Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0003 HCA - LSMC ED Expansion_R23.rvt
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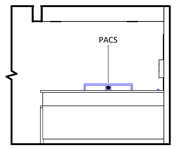
1 NURSE STATION 'A'
1/4" = 1'-0"



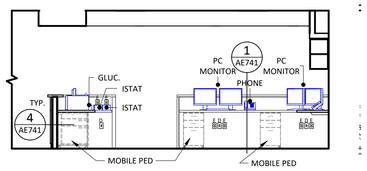
2 NURSE STATION 'A' - SIDE
1/4" = 1'-0"



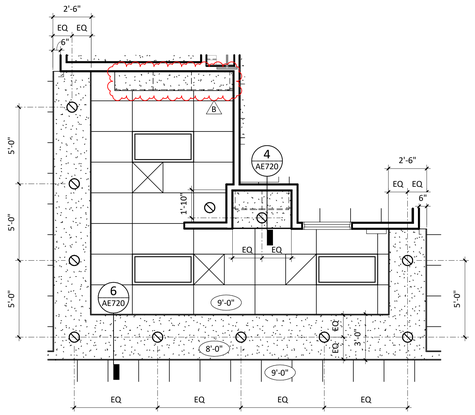
3 NURSE STATION 'A' - FRONT
1/4" = 1'-0"



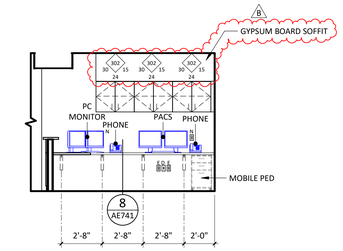
4 NURSE STATION 'A' - SIDE
1/4" = 1'-0"



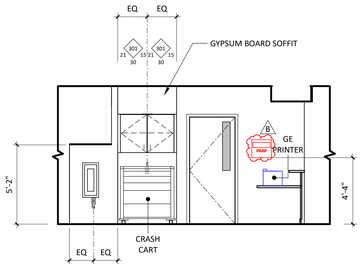
5 NURSE STATION 'A'
1/4" = 1'-0"



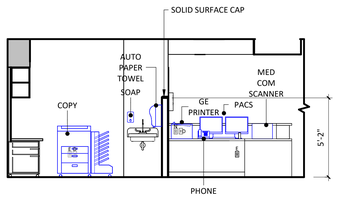
NURSE STATION 'A' - ENLARGED RCP
1/4" = 1'-0"



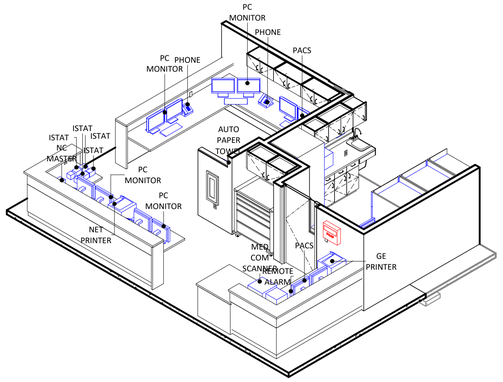
14 NURSE STATION 'A" - 1
1/4" = 1'-0"



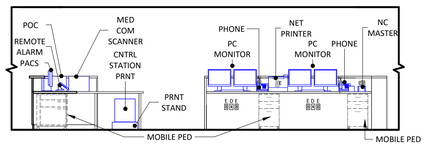
6 NURSE STATION 'A'
1/4" = 1'-0"



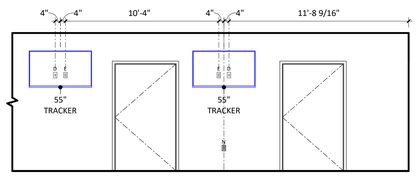
7 NURSE STATION 'A'
1/4" = 1'-0"



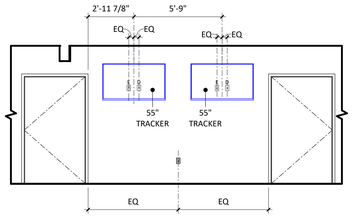
12 AXON - NURSE STATION A



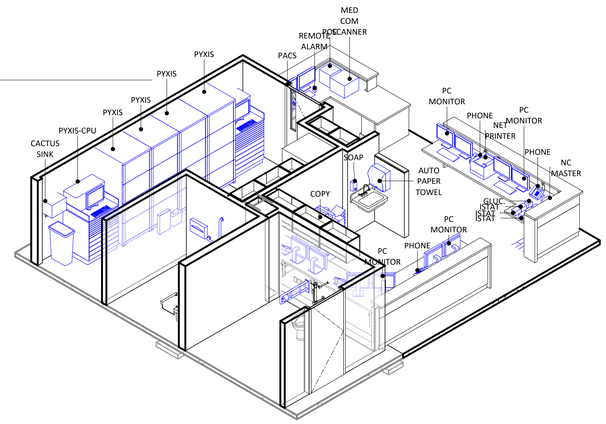
8 NURSE STATION 'A'
1/4" = 1'-0"



11 CORRIDOR - NURSE STATION 'A'
1/4" = 1'-0"



10 CORRIDOR - NURSE STATION 'A'
1/4" = 1'-0"



13 AXON - NURSE STATION A

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OFCI EQUIPMENT SCHEDULE

HCA EQUIP NO	ABBREV	DESCRIPTION	FURNISHED BY	INSTALLED BY
100912	CACTUS SINK	CACTUS SINK	OF	CI
727581	REF	727581-Pharm RH-glass door	OF	CI
730444	REMOTE ALARM	730444 - Remote Alarm	OF	CI

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

DUDLEY C. CAMPBELL
STATE OF MISSOURI
NUMBER A-2021002549

DATE SIGNED: 06.05.25

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ED EXPANSION

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

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DATE:	2025/04/18
SCALE:	1/4" = 1'-0"
DRAWN:	JV, LL
REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

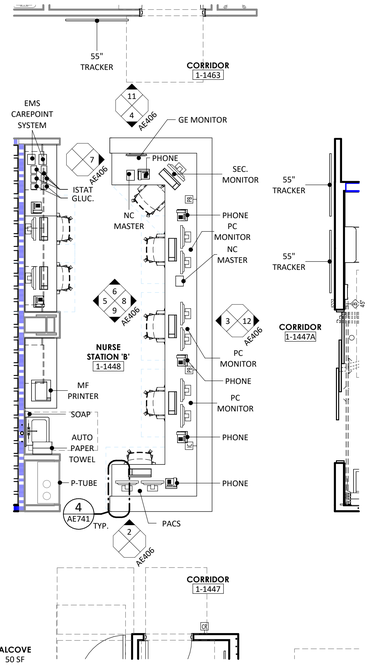
ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - NURSE STATION 'A'

AE404

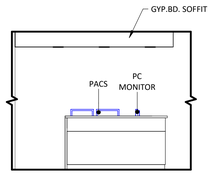
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Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_yz23/6406.24.0003 HCA - LSMC ED Expansion_R23.rvt

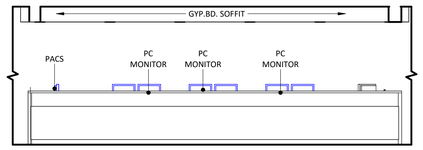
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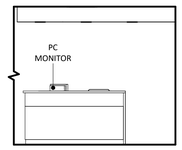
1 NURSE STATION 'B'
1/4" = 1'-0"



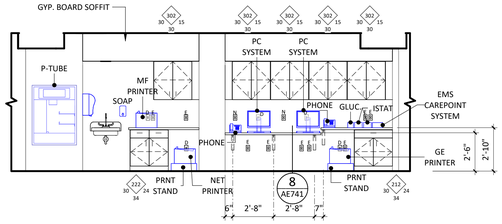
2 NURSE STATION 'B' - SIDE
1/4" = 1'-0"



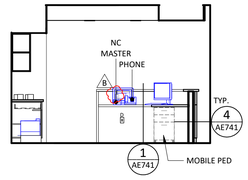
3 NURSE STATION 'B' - FRONT
1/4" = 1'-0"



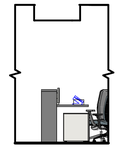
4 NURSE STATION 'B' - SIDE
1/4" = 1'-0"



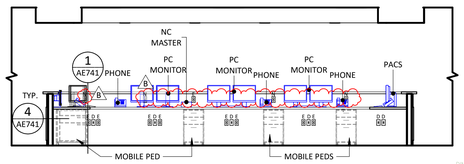
5 NURSE STATION 'B'
1/4" = 1'-0"



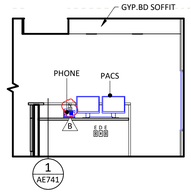
6 NURSE STATION 'B'
1/4" = 1'-0"



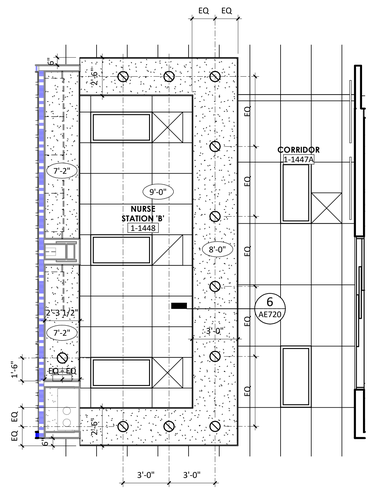
7 NURSE STATION 'B' - END
1/4" = 1'-0"



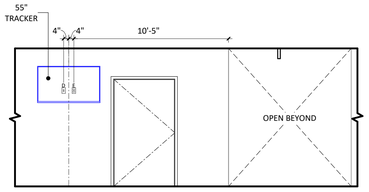
8 NURSE STATION 'B'
1/4" = 1'-0"



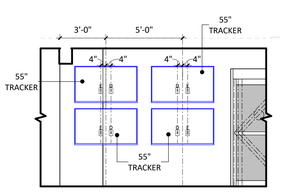
9 NURSE STATION 'B'
1/4" = 1'-0"



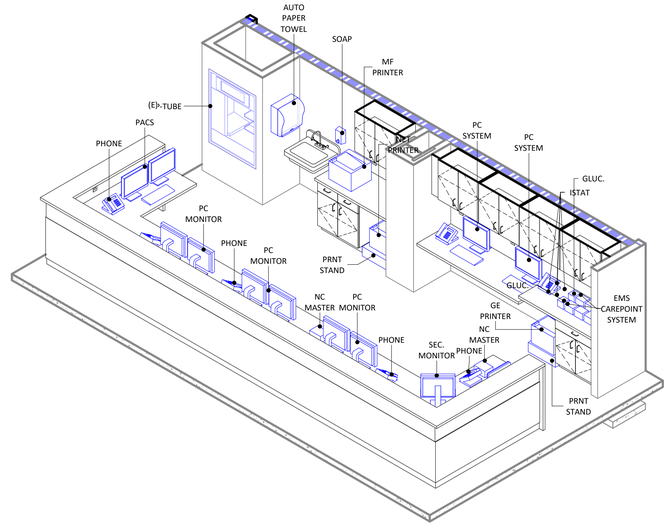
NURSE STATION 'B' - ENLARGED RCP
10
1/4" = 1'-0"



11 CORRIDOR 'B' - SIDE
1/4" = 1'-0"



12 CORRIDOR 'B' - FRONT
1/4" = 1'-0"



13 NURSE STATION B

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www.devenneygroup.com

Consultant:

DUDLEY C. CAMPBELL
STATE OF MISSOURI
NUMBER A-2021002549

DATE SIGNED: 06.05.25

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ED EXPANSION

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

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DATE:	2025/04/18
SCALE:	1/4" = 1'-0"
DRAWN:	JV, LL
REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

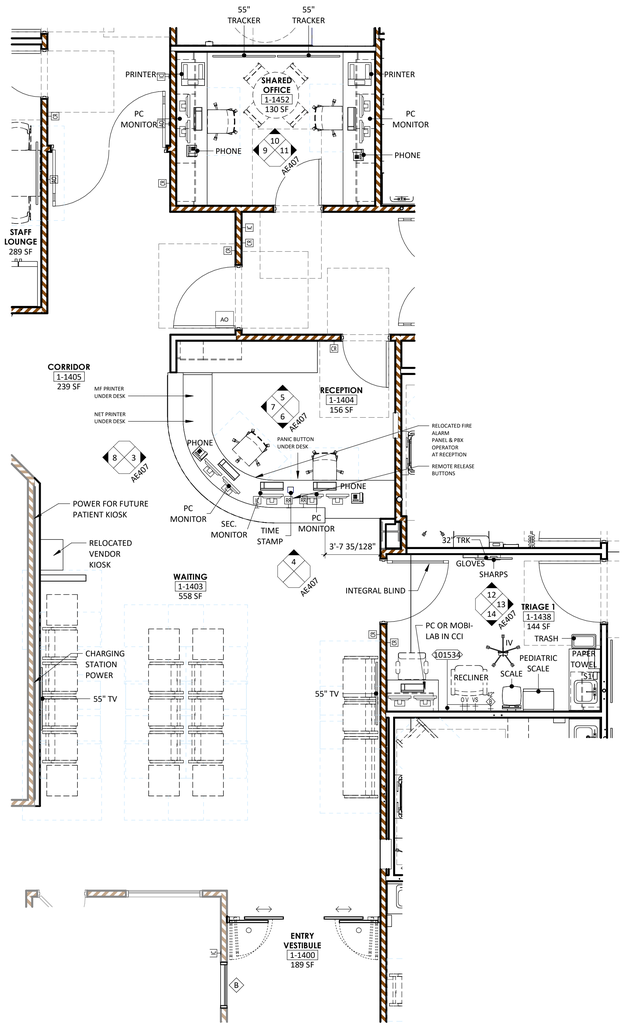
ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - NURSE STATION 'B'

AE406

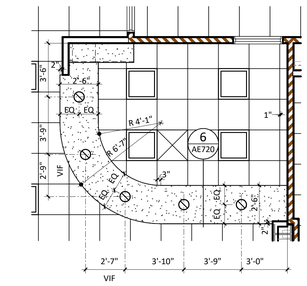
Notice of Alternate Billing or Payment Cycle: The Owner may plan to make payments on an alternative schedule. A written description of such billing or payment cycle applicable to the Project is available from the Owner or the Owner's designated agent upon request.

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center [LSMC]_rvt23/6406.24.0003 HCA - LSMC ED Expansion_R23.rvt

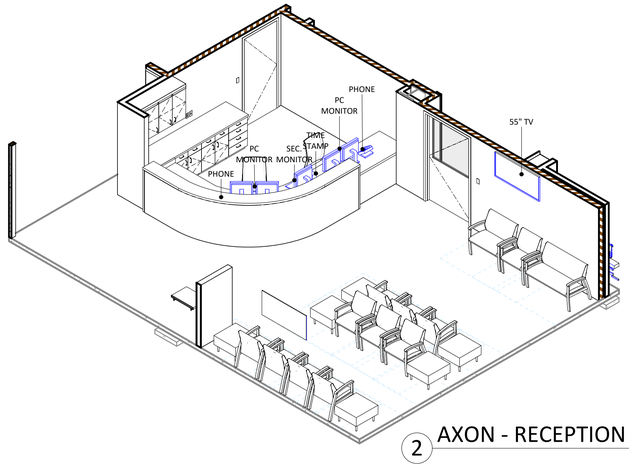
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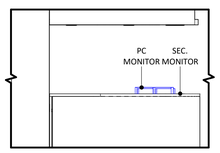
1 RECEPTION & WAITING
1/4" = 1'-0"



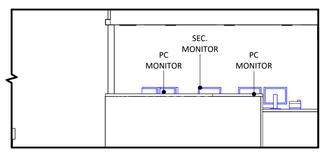
15 ENLARGED RECEPTION RCP
1/4" = 1'-0"



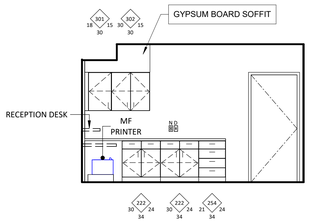
2 AXON - RECEPTION



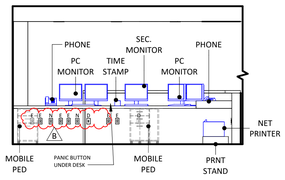
3 RECEPTION - SIDE
1/4" = 1'-0"



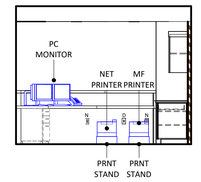
4 RECEPTION - FRONT
1/4" = 1'-0"



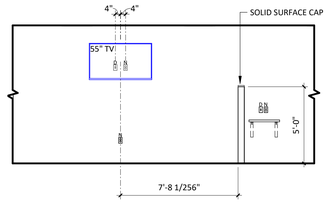
5 RECEPTION
1/4" = 1'-0"



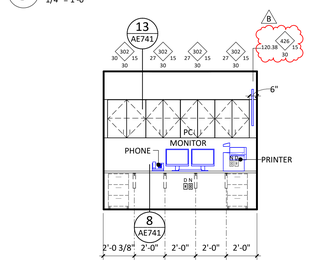
6 RECEPTION
1/4" = 1'-0"



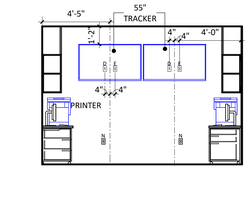
7 RECEPTION
1/4" = 1'-0"



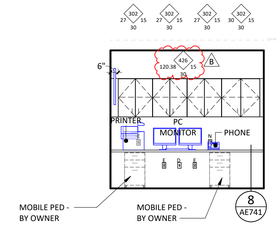
8 WAITING - KIOSK
1/4" = 1'-0"



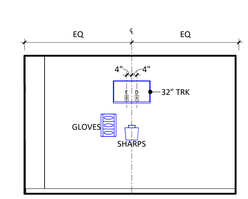
9 SHARED OFFICE
1/4" = 1'-0"



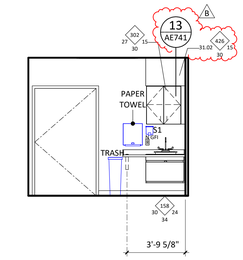
10 SHARED OFFICE
1/4" = 1'-0"



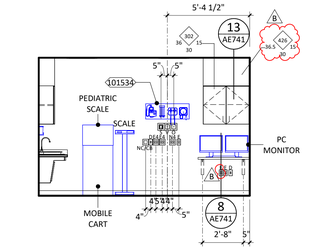
11 SHARED OFFICE - B
1/4" = 1'-0"



12 TRIAGE
1/4" = 1'-0"



13 TRIAGE
1/4" = 1'-0"



14 TRIAGE
1/4" = 1'-0"

ANNOTATION PLAN 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.
4. SOLID GRAY INFORMATION INDICATES PRE-FABRICATED COMPONENTS BY OWNER VENDOR. REFER TO VENDOR DRAWINGS FOR ADDITIONAL INFORMATION.

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5. PROVIDE WATER RESISTANT GYPSUM BOARD AT WET WALL CONDITIONS.
6. PROVIDE COUNTERTOP SUPPORTS AT OPEN KNEESPACE LOCATION. INSTALL AT 32" ON CENTER MAXIMUM.
7. ALL CASEWORK TO HAVE 3" FILLER AT ADJACENT PARTITION UNLESS DIMENSIONED OTHERWISE.
8. ALL CASEWORK COUNTERTOPS TO OVERHANG CABINET BY 1".

OFCI EQUIPMENT SCHEDULE

HCA EQUIP NO	ABBREV	DESCRIPTION	FURNISHED BY	INSTALLED BY
100248	SURGICAL LIGHT	Maquet_LED_Surgical_Light	OF	CI
101475	REF	REFRIGERATOR - SIDE BY SIDE	OF	CI
101534	DIAGNOSTIC SET	10_ SPEQ_ Diagnostic Set_ FB_ v01	OF	CI
102160	<varies>	<varies>	OF	CI

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

DUDLEY C. CAMPBELL
STATE OF MISSOURI
NUMBER A-2021002540

DATE SIGNED: 06.05.25

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2100 SE BLUE PKWY LEE'S SUMMIT, MO 64063

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DATE:	2025/04/18
SCALE:	1/4" = 1'-0"
DRAWN:	JV, LL
REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

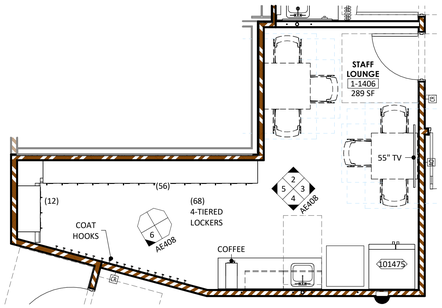
ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - RECEPTION, SHARED OFFICE, TRIAGE

AE407

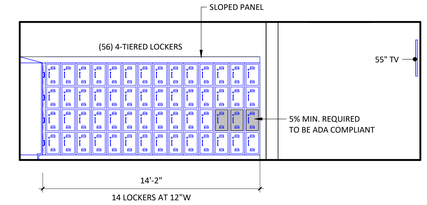
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Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0003 HCA - LSMC ED Expansion_R23.rvt

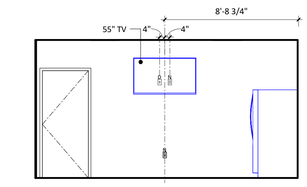
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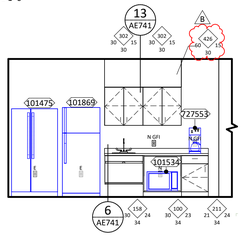
1 STAFF LOUNGE
1/4" = 1'-0"



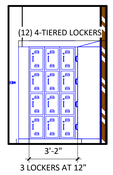
2 STAFF LOUNGE
1/4" = 1'-0"



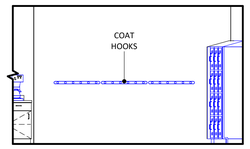
3 STAFF LOUNGE
1/4" = 1'-0"



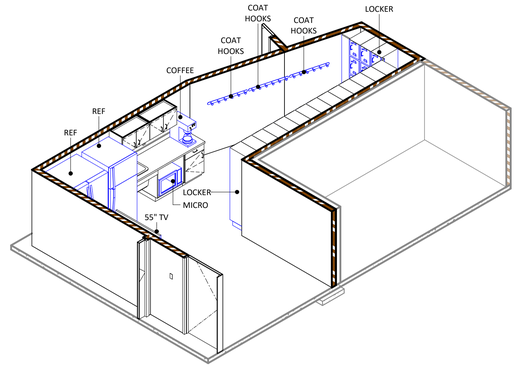
4 STAFF LOUNGE
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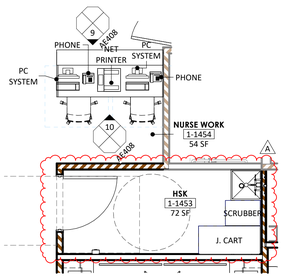
5 STAFF LOUNGE
1/4" = 1'-0"



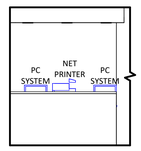
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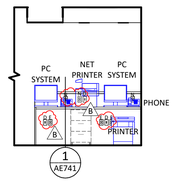
7 STAFF LOUNGE



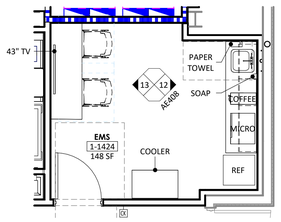
8 NURSE WORK - HSK
1/4" = 1'-0"



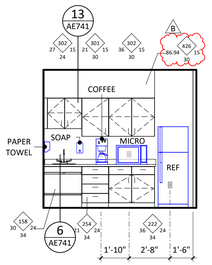
9 NURSE WORK - FRONT
1/4" = 1'-0"



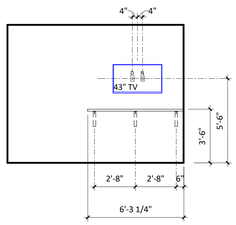
10 NURSE WORK
1/4" = 1'-0"



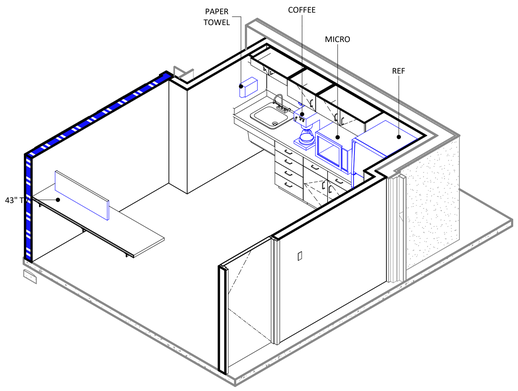
11 EMS
1/4" = 1'-0"



12 EMS
1/4" = 1'-0"



13 EMS
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14 EMS

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OFCI EQUIPMENT SCHEDULE

HCA EQUIP NO	ABBREV	DESCRIPTION	FURNISHED BY	INSTALLED BY
101475	REF	REFRIGERATOR - SIDE BY SIDE	OF	CI
101534	MICRO	<varies>	OF	CI
101869	REF	REFRIGERATOR WITH TOP FREEZER	OF	CI
722556	FLUID WARMER	FLUID WARMER	OF	CI
727553	COFFEE	10_ SPEQ_ Coffee Maker Small_ FB_ v01 2	OF	CI

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

DUDLEY C. CAMPBELL
NUMBER A-2021002540
STATE OF MISSOURI

DATE SIGNED: 06.05.25

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2100 SE BLUE PKWY LEE'S SUMMIT, MO 64063

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MISSOURI DHSS

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AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/06/05
B	DESIGN COORDINATION	2025/06/05

DATE:	2025/04/18
SCALE:	1/4" = 1'-0"
DRAWN:	JV, LL
REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

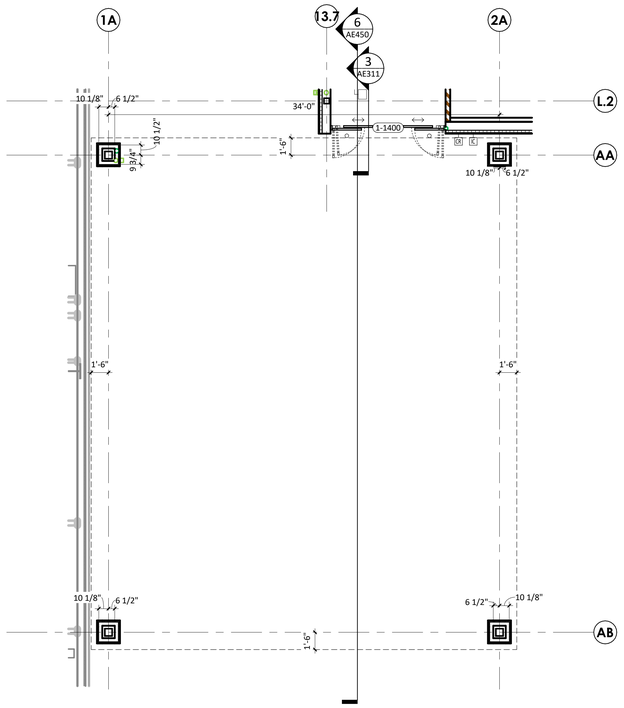
ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - STAFF LOUNGE, NURSE WORK, EMS

AE408

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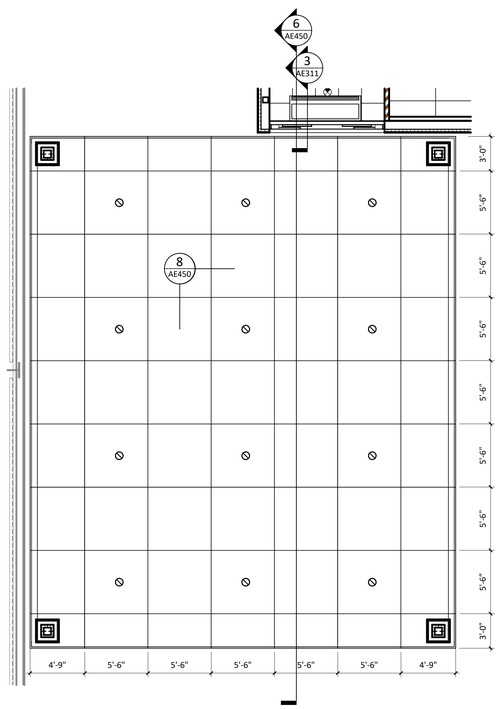
Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0003 HCA - LSMC ED Expansion_R23.rvt

6/23/2025 9:52:06 AM



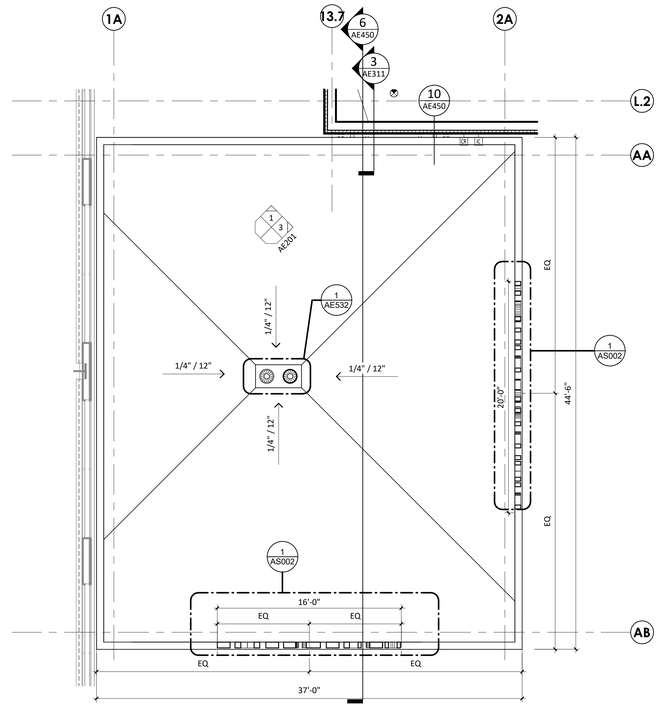
1 ENLARGED FLOOR PLAN - CANOPY A

3/16" = 1'-0"



2 ENLARGED RCP - CANOPY

3/16" = 1'-0"



3 CANOPY A - ROOF PLAN

3/16" = 1'-0"

4 CANOPY - EAST ELEVATION

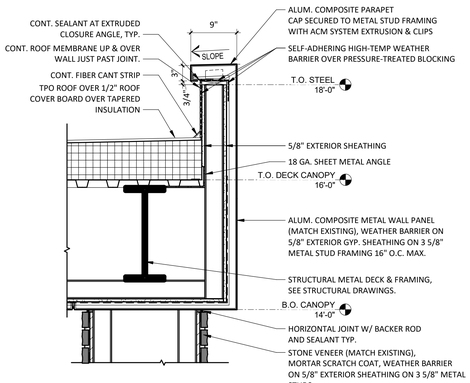
1/8" = 1'-0"

5 CANOPY - SOUTH ELEVATION

1/8" = 1'-0"

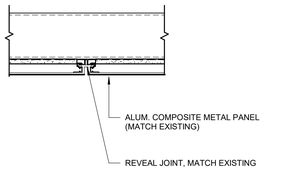
6 CANOPY SECTION

3/16" = 1'-0"



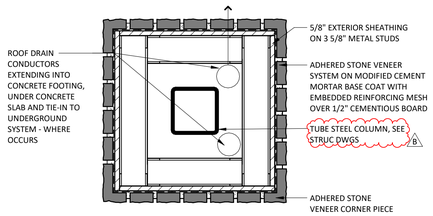
7 CANOPY EDGE

1" = 1'-0"



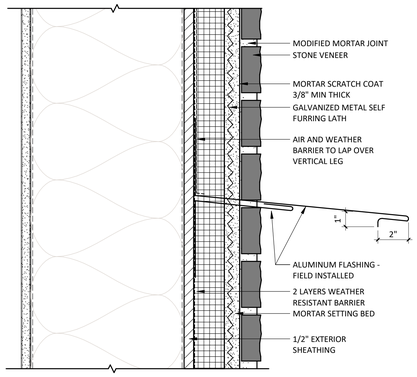
8 CANOPY SOFFIT REVEAL JOINT

1 1/2" = 1'-0"



9 CANOPY COLUMN

1 1/2" = 1'-0"



10 CANOPY EDGE RAIN SHIELD

3" = 1'-0"



11 EMERGENCY CANOPY 3D VIEW

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002549

DATE SIGNED: 06.05.25

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ED EXPANSION

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

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DATE:	2025/04/18
SCALE:	As indicated
DRAWN:	JV, LL
REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

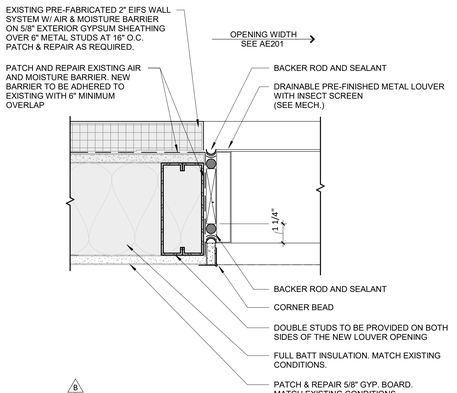
ENLARGED CANOPY PLANS, SECTIONS & DETAILS

AE450

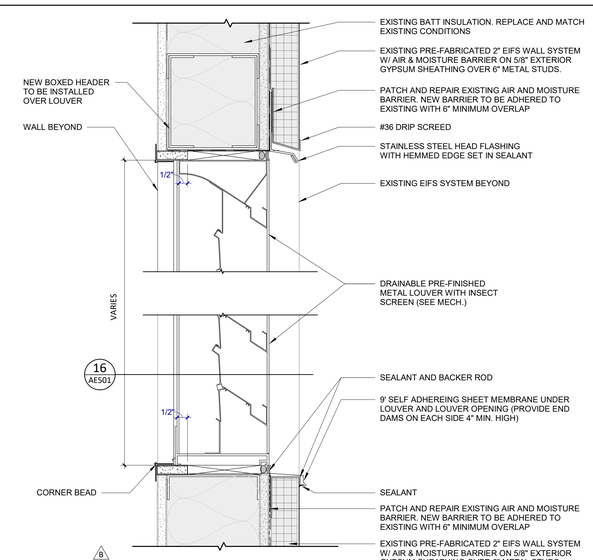
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Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0003 HCA - LSMC ED Expansion_R23.rvt

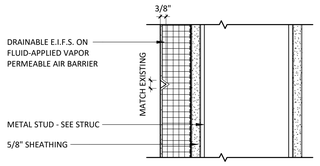
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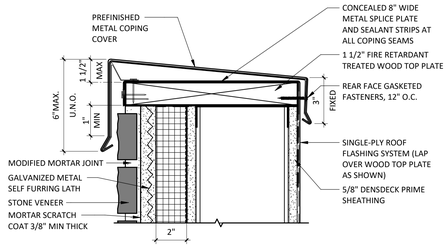
16 LOUVER DETAIL JAMB
3" = 1'-0"



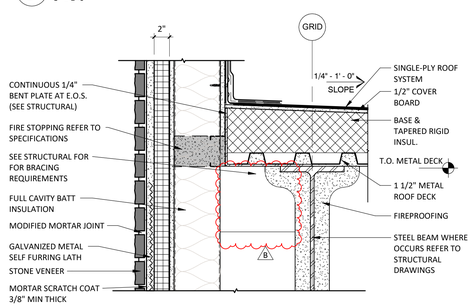
13 LOUVER DETAIL HEAD/ SILL
3" = 1'-0"



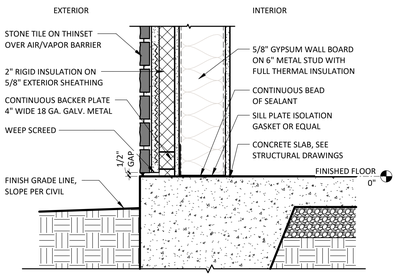
10 EIFS AESTHETIC REVEAL
3" = 1'-0"



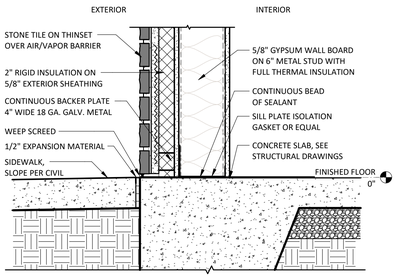
ROOF TERMINATION AT TOP OF STONE VENEER
3" = 1'-0"



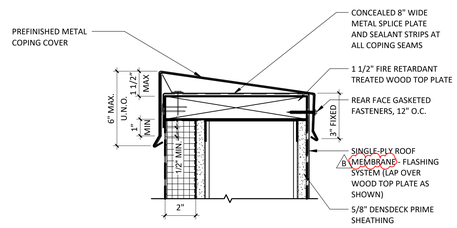
8 STONE VENEER AT ROOF
1 1/2" = 1'-0"



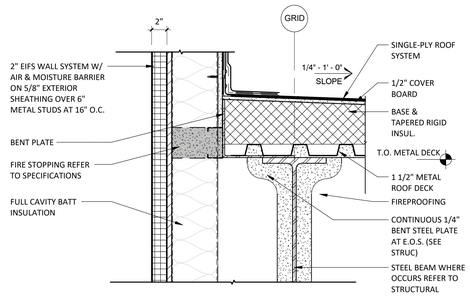
SLAB EDGE AT STONE AT GRADE
1 1/2" = 1'-0"



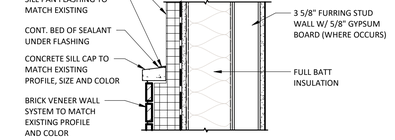
SLAB EDGE AT STONE AT CONCRETE
1 1/2" = 1'-0"



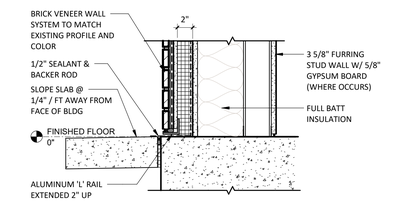
ROOF TERMINATION AT TOP OF EIFS WALL
3" = 1'-0"



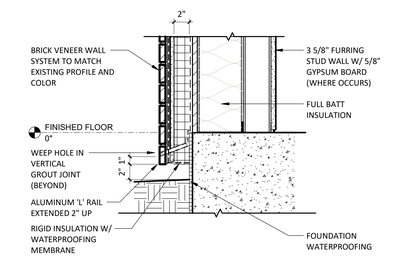
4 EIFS AT ROOF
1 1/2" = 1'-0"



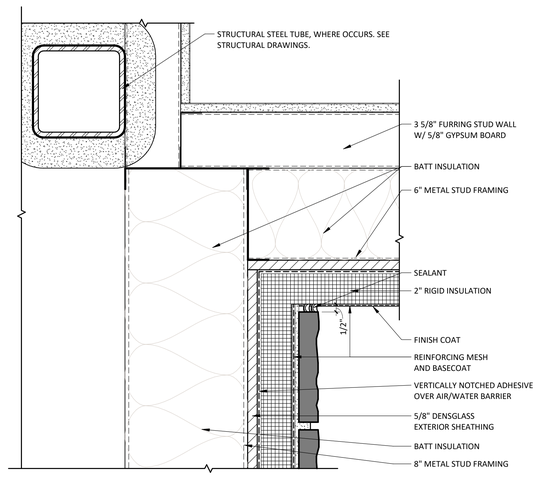
BRICK VENEER SILL AT 2" EIFS TRANSITION
1 1/2" = 1'-0"



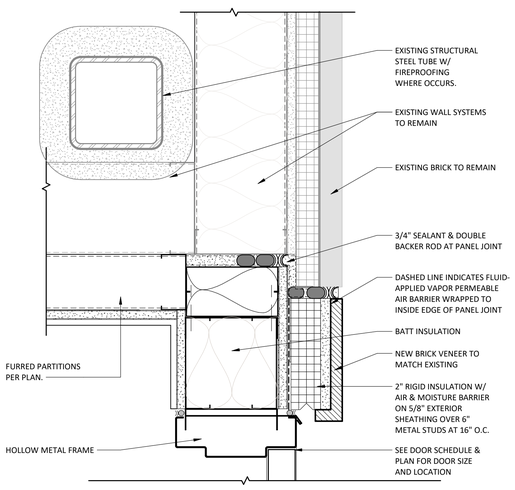
SLAB EDGE AT BRICK AT CONCRETE
1 1/2" = 1'-0"



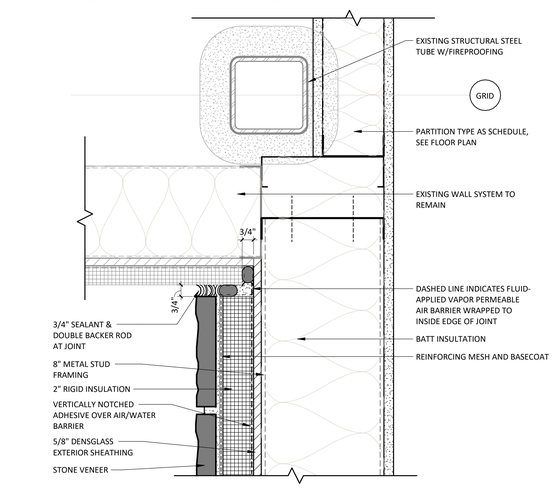
SLAB EDGE AT BRICK AT GRADE
1 1/2" = 1'-0"



STONE VENEER TO EIFS AT INSIDE CORNER
3" = 1'-0"



NEW TO EXIST WALL TIE-IN @ INNER CORNER
3" = 1'-0"



15 STONE VENEER TO EIFS
3" = 1'-0"

14 STONE VENEER TO EIFS AT INSIDE CORNER
3" = 1'-0"

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

DUDLEY C. CAMPBELL
STATE OF MISSOURI
NUMBER A-2021005549

DATE SIGNED: 06.05.25

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2100 SE BLUE PKWY LEE'S SUMMIT, MO 64063

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MISSOURI DHSS

FACILITY NUMBER:
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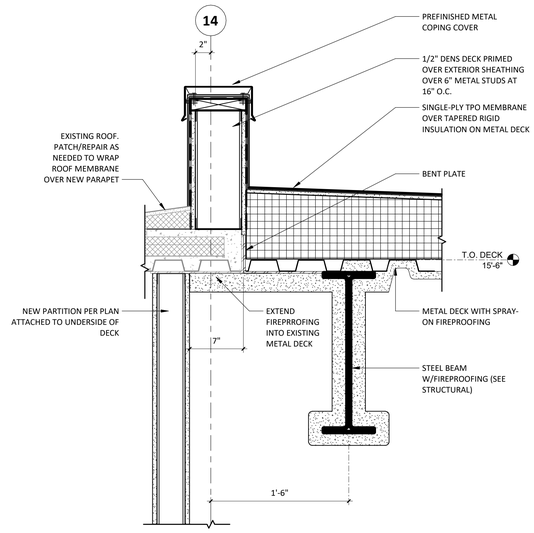
EXTERIOR DETAILS

AE501

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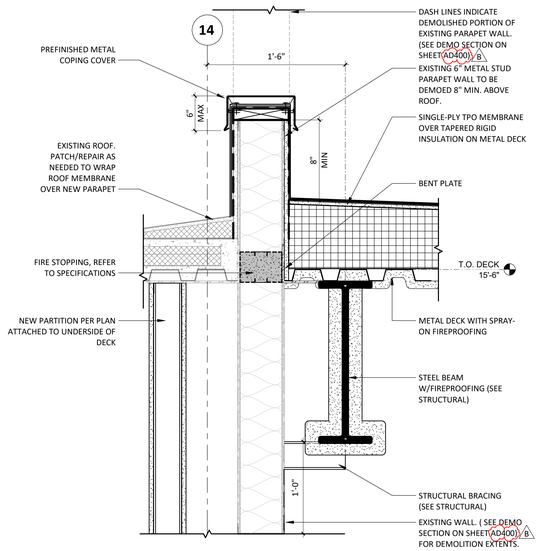
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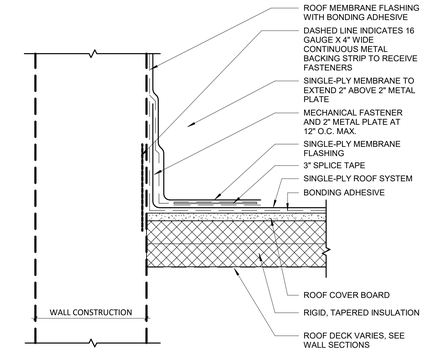
6 CURB @ ROOF

1 1/2" = 1'-0"



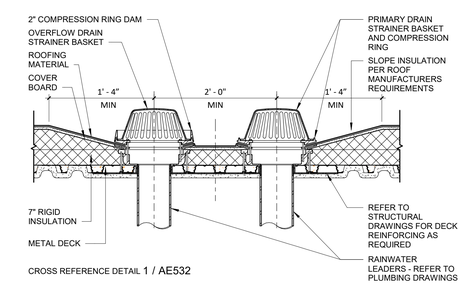
5 CURB AT ROOF TRANSITION

1 1/2" = 1'-0"



3 TYPICAL ROOF FLASHING

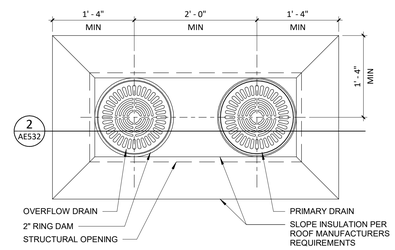
3" = 1'-0"



CROSS REFERENCE DETAIL 1 / AE532

ROOF DRAINS AT BUILT UP INSULATED METAL DECK

1" = 1'-0"



NOTE: METAL DECK BLOCKOUT REQUIRED AROUND DRAIN OPENING (REFER TO STRUCTURAL DRAWINGS)

1 TYPICAL ROOF DRAIN AND OVERFLOW DRAIN

1" = 1'-0"

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www.devenneygroup.com

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SUMMIT, MO 64063

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JOB NUMBER:	6406.24.0003

EXTERIOR ROOF DETAILS

AE532

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DOOR SCHEDULE

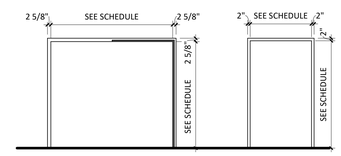
DOOR MATERIAL			DOOR GLAZING			FRAME MATERIAL			FRAME GLAZING			REMARKS	
WD	-	SOLID CORE WOOD	T	-	TEMPERED	HM	-	HOLLOW METAL	T	-	TEMPERED	1	- EXISTING DOOR FRAMES TO REMAIN AND PAINTED TO MATCH NEW DOOR FRAME FINISH. REPLACE DOOR AND HARDWARE.
WDPL	-	PLASTIC LAMINATE WOOD	L	-	LAMINATED	AL	-	ALUMINUM	L	-	LAMINATED		
WDIR	-	IMPACT RESISTANT WOOD	FR	-	FIRE RESISTIVE	STL	-	STEEL	FR	-	FIRE RESISTIVE		
HM	-	HOLLOW METAL	FP	-	FIRE PROTECTIVE	EXIST	-	EXISTING	FP	-	FIRE PROTECTIVE	2	- MAGNETIC HOLD-OPEN
AL	-	ALUMINUM	SP	-	SPANDREL				SP	-	SPANDREL		
STL	-	STEEL	IGU	-	INSULATED GLASS UNIT				IGU	-	INSULATED GLASS UNIT		
EXIST	-	EXISTING											

DOOR SCHEDULE

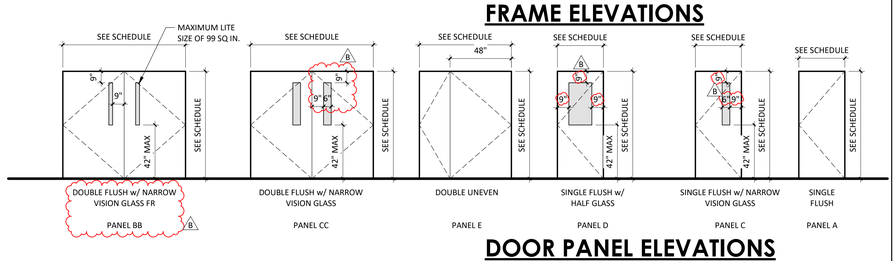
ROOM NUMBER	WIDTH	HEIGHT	DOOR PANEL			FRAME		DETAILS			RATING	HARDWARE	REMARKS	REV
			MATERIAL	ELEV.	GLAZING	MATERIAL	ELEV.	HEAD	JAMB	SILL	FIRE			
LEVEL 1														A B
1-1400	10'-0"	7'-8"	AL/GL	A4	IGU	AL	A4	10/AE631	9/AE631	8/AE631	-	109A		
1-1403	10'-0"	7'-8"	AL/GL	A4	T	AL	A4	10/AE631	9/AE631		-	110A		
1-1404	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	SMOKE	009A	1	B
1-1405	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	SMOKE	009B		B
1-1405A	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	20 MIN	010C		B
1-1406	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	SMOKE	009A		
1-1407	7'-4"	7'-0"	WDPL	CC	T	HM	2	7/AE631	7/AE631	1/AE631	SMOKE	012E		
1-1408	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	SMOKE	008C		
1-1409	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	SMOKE	008C		
1-1410	4'-0"	7'-0"	WDPL	A	-	EXIST	EXIST	EXIST	EXIST	EXIST	SMOKE	008C	1	
1-1411	4'-0"	7'-0"	WDPL	A	-	EXIST	EXIST	EXIST	EXIST	EXIST	SMOKE	008C	1	
1-1412	4'-0"	7'-0"	WDPL	A	-	EXIST	EXIST	EXIST	EXIST	EXIST	-	008C	1	
1-1413	3'-6"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	005B		
1-1414	4'-0"	7'-0"	WDPL	A	-	EXIST	EXIST	EXIST	EXIST	EXIST	-	008C	1	
1-1415	4'-0"	7'-0"	WDPL	A	-	EXIST	EXIST	EXIST	EXIST	EXIST	-	401C	1	
1-1418	4'-0"	7'-0"	WDPL	A	-	EXIST	EXIST	EXIST	EXIST	EXIST	-	008C	1	
1-1419	4'-0"	7'-0"	WDPL	A	-	EXIST	EXIST	EXIST	EXIST	EXIST	-	008C	1	
1-1420	3'-0"	7'-0"	WDPL	A	-	EXIST	EXIST	EXIST	EXIST	EXIST	-	005C	1	
1-1422	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	45 MIN	006A		
1-1423	10'-0"	7'-8"	AL/GL	A3	T	AL	A3	6/AE631	5/AE631	4/AE631	-	110C		
1-1424	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	008B		
1-1425	7'-4"	7'-0"	WDPL	AA		EXIST	1	EXIST	EXIST	EXIST				B
1-1426	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	008C		
1-1427	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	008C		
1-1429	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	009D.1		
1-1429A	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	009D.1		
1-1429B	4'-0"	7'-6"	HM	A	-	HM	1	12/AE631	12/AE631	11/AE631	-	102D		
1-1430	4'-0"	7'-0"	WDPL/GL	D	T	HM	1	3/AE631	2/AE631	1/AE631	-	008D	INTERGRAL BLINDS OPERABLE BOTH SIDES	
1-1430A	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	002A		
1-1431	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	008C		
1-1432	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	008C		
1-1433	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	008C		
1-1434	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	008C		
1-1435	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	008C		
1-1436	5'-0"	7'-0"	WDPL	E	-	HM	2	3/AE631	2/AE631	1/AE631	-	008G		
1-1437	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	008C		
1-1438	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	008C		
1-1438A	4'-0"	7'-0"	WDPL/GL	D	T	HM	1	3/AE631	2/AE631	1/AE631	SMOKE	009B.1		
1-1439	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	008C		
1-1443	3'-0"	7'-0"	WDPL/GL	C	T	HM	1	3/AE631	2/AE631	1/AE631	-	009A		
1-1443A	3'-0"	7'-0"	WDPL/GL	C	T	HM	1	3/AE631	2/AE631	1/AE631	-	009A		
1-1444	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	005B		
1-1445	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	005D		
1-1449	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	45 MIN	009A		
1-1449A	3'-0"	7'-0"	WDPL	A	-	EXIST	EXIST	EXIST	EXIST	EXIST	45 MIN	009A	1	B
1-1450	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	-	008C		
1-1451	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631		008C		
1-1452	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	SMOKE	004A		B
1-1453	3'-6"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	SMOKE	006B		A
1-1455	3'-0"	7'-0"	WDPL	A	-	EXIST	EXIST	EXIST	EXIST	EXIST	SMOKE	005B	1, 180 DEGREE SWING, CL, KP	
1-1456	3'-0"	7'-0"	WDPL	A	-	EXIST	EXIST	EXIST	EXIST	EXIST	SMOKE	005B	180 DEGREE SWING, CL, KP	
1-1457	3'-0"	7'-0"	WDPL/GL	D	T	HM	1	3/AE631	2/AE631	1/AE631	-	009A	1	B
1-1458	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	45 MIN	009A		
1-1460	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	45 MIN	009B	1	B
1-1461	7'-4"	7'-0"	WDPL/GL	BB	T	HM	2	7/AE631	7/AE631	1/AE631	20 MIN	012E		B
1-1462	7'-4"	7'-0"	WDPL/GL	CC	T	HM	2	7/AE631	7/AE631	1/AE631	SMOKE	011A	2	
1-1463	7'-0"	7'-0"	WDPL/GL	CC	T	HM	1	3/AE631	2/AE631	1/AE631	SMOKE	013A	2	
1-1500	7'-0"	7'-0"	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	EXIST	20 MIN	013C	UPGRADE HARDWARE FOR 1-HR SMOKE BARRIER	

DOOR GENERAL NOTES

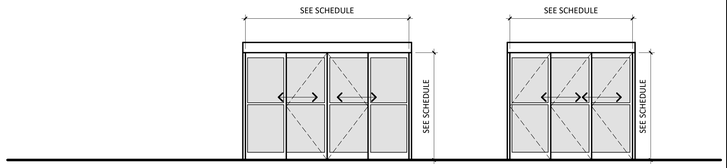
1. THE PURPOSE OF THIS SHEET IS TO DESCRIBE AND ILLUSTRATE DOOR TYPES. NOT ALL DOOR TYPES SHOWN ARE NECESSARILY USED. SEE DOOR MARK SCHEDULE FOR DOOR TYPES USED.
2. FIRE DOORS AND FRAMES SHALL HAVE AN APPROVED LABEL OR LISTING MARK INDICATING THE FIRE PROTECTION RATING WHICH IS PERMANENTLY AFFIXED AT 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



DOOR ASSEMBLY ELEVATIONS

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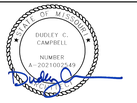
Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:



DATE SIGNED: 06.05.25

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ED EXPANSION

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

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/06/05
B	DESIGN COORDINATION	2025/06/05

DATE:	2025/04/18
SCALE:	1/4" = 1'-0"
DRAWN:	JV
REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

DOOR SCHEDULES, DOOR & FRAME TYPES

AE601

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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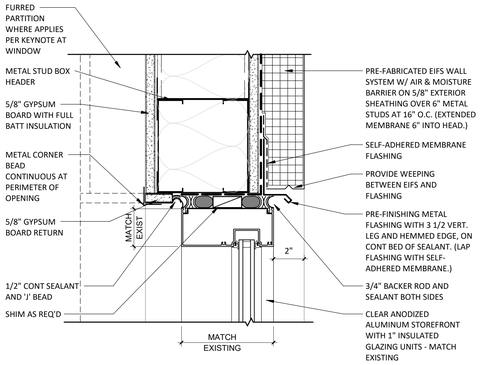
WINDOW SCHEDULE		
FRAME MATERIAL	GLAZING	REMARKS
HM - HOLLOW METAL	T - TEMPERED	1 - INTEGRAL VISION CONTROL WINDOW TO MATCH EXISTING AT GLAZING NOTED 'VC' ON EXTERIOR ELEVATIONS
AL - ALUMINUM	L - LAMINATED	
STL - STEEL	FR - FIRE RESISTIVE	
E - EXISTING	FP - FIRE PROTECTIVE	
	IGU - INSULATED GLASS UNIT	

Window Schedule

ID	WIDTH	HEIGHT	MATERIAL		DETAILS			REMARKS
			GLAZING	FRAME	HEAD	JAMB	SILL	
A	12'-0"	2'-8"	IGU	AL	6/AE651	5/AE651	4/AE651	
B	3'-0"	5'-0"	T	HM	3/AE651	2/AE651	1/AE651	SMOKE

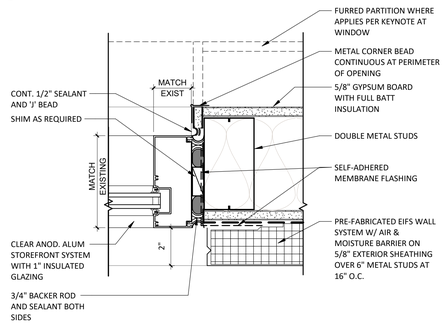
GLAZING GENERAL NOTES

1. THE PURPOSE OF THIS SHEET IS TO DESCRIBE AND ILLUSTRATE WINDOW TYPES, NOT ALL WINDOW TYPES SHOWN ARE NECESSARILY USED. SEE WINDOW SCHEDULE FOR WINDOW TYPES USED.
2. IRE RATED WINDOWS, SHALL HAVE AN APPROVED LABEL OR LISTING MARK, INDICATING THE FIRE PROTECTION RATING WHICH IS PERMANENTLY AFFIXED AT HE FACTORY WHERE FABRICATION AND ASSEMBLY ARE ONE.
3. GLAZING:
   A. INTERIOR
      1. NON-RATED DOOR SHALL HAVE ¼" CLEAR TEMPERED GLASS
      2. RATED DOORS SHALL HAVE ¼" CLEAR FIRE RATED GLASS
      3. LEAD LINED DOORS SHALL HAVE LEAD GLASS
   B. MAXIMUM GLAZING IN FIRE RATED DOORS:
      1. 20 MINUTE DOORS: 1296 SQUARE INCHES MAXIMUM
      2. 60 MINUTE DOORS: 100 SQUARE INCHES MAXIMUM
      3. 90 MINUTE DOORS: 100 SQUARE INCHES MAXIMUM
4. GLAZING IN THE FOLLOWING LISTED AREAS SHALL BE DEEMED TO BE LOCATED IN HAZARDOUS LOCATIONS AND SUBJECT TO HUMAN IMPACT:
   A. INGRESS AND EGRESS DOORS.
   B. FIXED PANELS IN SWINGING DOORS.
   C. WITHIN 18" OF THE FLOOR SHALL BE TEMPERED.
   D. WITHIN 24" OF A DOOR SHALL BE TEMPERED.
5. EACH LITE OF THE GLAZING SHALL BEAR THE MANUFACTURER'S LABEL DESIGNATING THE TYPE AND THICKNESS OF GLASS. 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.
6. REFER TO SPECIFICATIONS FOR WINDOW COVERING TYPES AND FINISHES.
7. REFER TO SPECIFICATIONS FOR GLAZING MATERIALS.



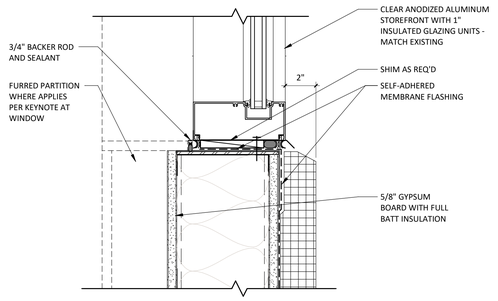
ALUMINUM HEAD - EIFS FINISH

6 3" = 1'-0"



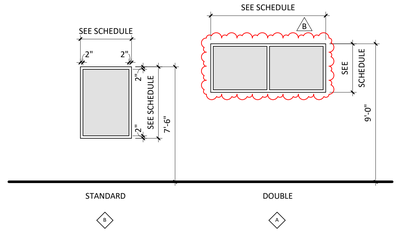
ALUMINUM STOREFRONT JAMB - EIFS FINISH

5 3" = 1'-0"

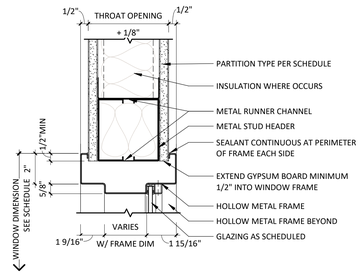


ALUMINUM STOREFRONT SILL - EIFS FINISH

4 3" = 1'-0"

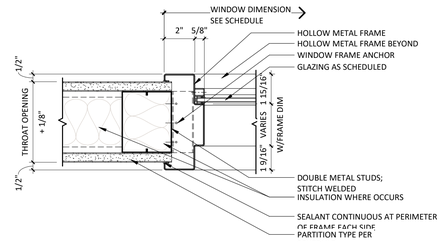


WINDOW ELEVATIONS



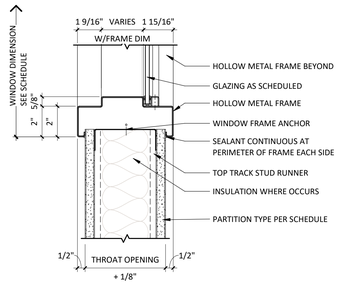
HEAD AT HOLLOW METAL WINDOW

3 3" = 1'-0"



JAMB AT HOLLOW METAL WINDOW

2 3" = 1'-0"



SILL AT HOLLOW METAL WINDOW

1 3" = 1'-0"

Devenney GROUP

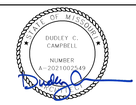
Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:



DATE SIGNED: 06.05.25

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ED EXPANSION

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

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DATE:	2025/04/18
SCALE:	As indicated
DRAWN:	JV
REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

WINDOW SCHEDULES, FRAME TYPES & DETAILS

AE651

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6/23/2025 9:52:23 AM

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 hmmetzler@armstrong.com HPG#6924
Bennu Enterprises	Signage	Tony Hatchell 615.226.4577 tony@bennusigns.com
Bonnell Aluminum	Casework Cornerguards	www.bonnellaluminum.com
Carnegie Fabrics	Acoustical Panel Fabric	Betsy Lindell 678.296.0025 betsylindell@witcontract.com
Claridge	Marker Boards/ Tack Boards	Jeff Alldredge 314.363.6536 jeffalldredge@oedreps.com
Corian	Solid Surface	Meg Tucker 629.224.7179 mtucker@oldenkamp.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
Grifform	Solid Surface Transition	www.grifform.com
InPro Corporation, Ferguson	Wall Protection & Shower insert	Anthony Collins 800.222.5556 acollins@inprocorpo.com HPG# 44661
Ketchum Walton CO.	Acoustic Panel - Fabriktrak	Kay Reinhardt 312.550.2967 kreinhardt@ketchumandwalton.com
Fry Reglet	Casework Corner Guard	Nick Green 770.468.2599 nickgreen@fryreglet.com
Logistic Solutions	Floor Purchasing	Logistics Solutions LLC Customersvc@logisolutions.net 615.750.2014
Mannington	Flooring Chairrail and Base	Terri Bailey 615.427.8980 hca@mannington.com HPG#5468
Penco	Metal Lockers	Bill Kreager 888.614.0004 bkreager@storagesystemsul.com HPG#500166
Peter Pepper Products	Clocks, Markerboards & Combo Boards	www.peterpepperproducts.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
Wilsonart	Plastic Laminate	Chris Fleming 615.292.2188 chris.fleming@wilsonart.com

CEILINGS

CODE	ITEM	TYPE/ LOCATION	MANUFACT.	DESCRIPTION
ACT1	Acoustical Ceiling Tile - General	General, Back of House, Staff Areas	Armstrong	Fine Fissured 1714 Medium Texture 24"x48" Square Lay-In with 15/16" Prelude XL Grid, Factory Painted White NRC: 0.70, CAC: 40 *Hold down clips to be used in Vestibules 1-1400 & 1-1425
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
ACT3	Acoustical Ceiling Tile - Scrubbable	Scrubbable Ceilings	Armstrong	Clean Room VL Unperforated 868 Smooth Texture 24"x24" Square Lay-In with 15/16" Clean Room Grid, Factory Painted White CAC: 40
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
CR1	Rubber Chair Rail	Walls	Mannington	Style: Edge Effects, Chair Rail 650 Color: Mocha 597 Size: 4"H Adhesive: Mannington double-side adhesive tape Mounting Height: 35" from top of chair rail AFF. *Rail must be installed BEFORE walls are painted*
CWT1	Ceramic Wall Tile	Water Fountain (B)	Daltile	Pattern: Artcrafted Color:Tide Rectangle Handcrafted AC29 Size: 3" x 12" x 5/16" thickness Grout: Laticrete, Spectralock Pro Premium Grout Color: Light Pewter 90 Grout Joint: 1/8" Installation Method: 1/3rd offset
EP1	Epoxy Paint	Walls-General	Sherwin Williams	Color: SW9166 Drift of Mist Formula/Finish: Low Gloss Water-Based Epoxy
EP2	Epoxy Paint	Walls-Accent	Sherwin Williams	Color: SW6221 Moody Blue Formula/Finish: Low Gloss Water-Based Epoxy
EP3	Epoxy Paint	GYP Ceilings	Sherwin Williams	Color: SW7007 Ceiling Bright White Formula/Finish: Low Gloss Water-Based Epoxy
EP4	Epoxy Paint (B)	Walls-Psyche Base	Sherwin Williams	Color: SW7645 Thunder Gray Formula/Finish: Low Gloss Water-Based Epoxy
P1	Wall Paint	Walls-General	Sherwin Williams	Color: SW9166 Drift of Mist Formula/Finish: Latex Eggshell
P2	Wall Paint	Walls-Accent	Sherwin Williams	Color: SW6221 Moody Blue Formula/Finish: Latex Eggshell
P3	Wall Paint	Walls-Accent	Sherwin Williams	Color: SW6219 Rain Formula/Finish: Latex Eggshell
P4	Soffit Paint	GYP Soffits-Accent	Sherwin Williams	Color: SW6222 Riverway Formula/Finish: Latex Eggshell
P5	Ceiling Paint	GYP Ceilings	Sherwin Williams	Color: SW7007 Ceiling Bright White Formula/Finish: Latex Eggshell
P6	Metal Paint	Door Frames	Sherwin Williams	Color: SW7645 Thunder Gray Formula/Finish: Semi Gloss Alkyd Enamel
P7	Metal Paint	Inter. Metal Doors, Metal Door Lite, Wood/ Laminate Door Lite	Sherwin Williams	Color: SW7645 Thunder Gray Formula/Finish: Semi Gloss Alkyd Enamel Note: For INTERIOR doors ONLY. See architectural drawings and specifications for all exterior finishes.
P8	Detail Paint	Storage/ Supply	Sherwin Williams	Color: SW6868 Real Red Formula/Finish: Latex Eggshell
PWT1	Porcelain Wall Tile	Walls-Field	Daltile	Pattern: Fabric Art, Modern Linear Color: Taupe ML62 Size: 12"x24" X 5/16" thickness Grout: Laticrete, Spectralock Pro Premium Grout Color: Light Pewter 90 Grout Joint: 1/8"

BASE

CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
IB	Integral Sheet Vinyl Base	Walls-Sheet Vinyl	Mannington	Series and Color: To Match Sheet Vinyl Flooring Height: 6"H Outside Corner: Boot Adhesive: Manufacturer Recommended Notes: Flash cove up walls to form self coved integral base. *Weld Rod to match Sheet Vinyl.
RB1	Rubber Base	Walls-General	Mannington	Style: Optimum Edge TP rubber Height: 4"H, 1/8" thick Color: Mocha 597 Adhesive: Manufacturer Recommended Notes: Coved and continuous rolls. Miter inside corners. Do NOTuse pre-molded outside corners. If installed over sheet wall protection, utilize Mannington's premium contact adhesive.
RB2	Rubber Base	Walls-upgraded	Mannington	Style: Edge Effects, Sophisticate EESOP Rubber Wall Base Height: 4.25"H Color: Mocha 597 Adhesive: Manufacturer Recommended Notes: Miter cut all joints. Utilize matching caulk when installed on top of hard surface. If installed over sheet wall protection, utilize Mannington's premium contact adhesive.

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
SCH3	Wall Tile to Resilient Flooring	Walls-Tile	Schluter Systems	Dilex-BWA PVC Finish: Align finished edge of Schluter with face of tile

FLOORING

CODE/ KEY	ITEM	LOCATION	MANUFACT.	DESCRIPTION
C1	Carpet	Walk off Carpet (B)	Shaw	Style: Welcome II Tile 5T031 Color: Sterling 31557 Format: Plank Size: 24"x 24"x 0.362 in. thickness Backing: Polypropylene/Ecoworx Adhesive: Manufacturer Recommended Installation: Quarter Turn
CTF1	Ceramic Tile Floor	Floors-Decontam (B)	Daltile	Style: Keystones Mosaics Color: Urban Putty 0161 Size: 2"x2" x 1/4" thickness Grout: Laticrete, Spectralock Pro Premium Grout Color: Walnut 94 Joint Width: N/A
LVT1	Luxury Vinyl Tile	Floors-Field-	Mannington	Style: Amtico Collection Color: Manor Oak AROW7970, unbeveled Size: 7.25" x 48" x 2.5 mm thickness Adhesive: Manufacturer Recommended Installation: Random Stagger
LVT2	Luxury Vinyl Tile	Floors-Accent -	Mannington	Style: Active Lines Collection, Grid Color: Zing ALG201, unbeveled Size: 18" x 18" x 2.5 mm thickness Adhesive: Manufacturer Recommended Installation: Ashlar, all arrows in one direction
SC	Sealed Concrete	Floors	Sherwin Williams	Style: Armorseal Treadplex Color: Haze Gray Notes: See architectural specifications for information
SVF1	Sheet Vinyl Floor	Floors-Field	Mannington	Style: Biospec MD Color: New Mineral Gray 15365 Roll Width: 6'-6" x 0.080" thickness Adhesive: Manufacturer Recommended Notes: Seams to be heat welded with solid weld rod Timberwolf 842524 *Utilize 2 coats of Quantam Guard HP Seam Coater Pen on weld rods*
SVF2	Sheet Vinyl Floor	Floors-Slip Resistant	Mannington	Style: Assurance III Color: Trail 16352 Roll Width: 6'-6" x 0.080" thickness Adhesive: Manufacturer Recommended Notes: Seams to be heat welded with solid weld rod Heather Beige 842381 *Utilize 2 coats of Quantam Guard HP Seam Coater Pen on weld rods*

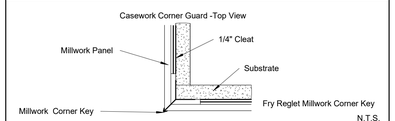
FLOORING TRANSITION STRIPS

TS1	Transition Strip	1/8" Resilient to Carpet	Schluter Systems	Vinpro-S, Aluminum Finish: Brushed Nickel Anodized Aluminum
TS2	Transition Strip	Porcelain/ Ceramic to 1/8" Resilient	Grifform	Ramping TRT#, 1/8" Beveled Corian Color: Elegant Gray See Flooring for detail note about Ramp size.
TS3	Transition Strip	LVT to SVF	Sheet Flooring	Mannington, Weld Rod to match adjacent SVF *Utilize 2 coats of Quantum Guard HP Seam Coater Pen on Weld Rods
TS4	Transition Strip	1/8" Resilient to Concrete	Schluter Systems	Vinpro- U, Aluminum Finish: Brushed Nickel Anodized Aluminum Backfill with thin set to prevent denting.
TS5	Transition Strip	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
	Existing	Subfloor Leveler Ramping Solutions	Mannington	Subfloor Leveling transition 189 Wide Reducer Notes: Utilize to create ADA compliant transition where is is needed.

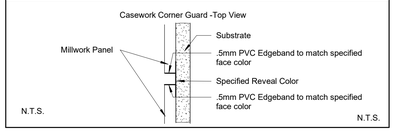
CASEWORK

CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
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 7992-38 Finish: Fine Velvet
PL2	Plastic Laminate	Reveals	Wilsonart	Pattern: Satin Stainless Finish: 4830 Reveal Size: 1/4
SS1	Solid Surface	Countertops	Corian	Color: Clam Shell Thickness: 1/2" Edge Profile: Eased w/ 1.5" apron
SS2	Solid Surface	Transaction/ Countertops	Durasein	Color: Sunkissed DM5044 Thickness: 1/2" Edge Profile: Eased w/ 1.5" apron
SS3	Solid Surface			See Miscellaneous
SS4	Solid Surface	Window Stool / Integral Sinks	Corian	Color: Bisque
	Casework Interior Melamine	Casework Interior	See Architectural Specs	Color: White See Architectural Sheets for further details.

MILLWORK CORNER DETAIL - MC1 (B)



MILLWORK EDGE DETAIL



MISCELLANEOUS

Contractor Provided/Installed Items

CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
AP1	Acoustical Panel-Tackable (B)	Nurse Station Casework, see elevation on AF002	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 Pattern:Meteor Color: 2000 Notes: See Acoustical Panel section for more information
CL1	Clocks (B)	Locations TBD by Owner	Peter Pepper Products	Style: 820 Face: 37 Bezel Finish: Diameter: 13-7/8" Notes: Flush Acrylic Cover, Wall Mount, Atomic, Battery Operated
D1	Doors	New Interior Arch. Doors	See Arch. Specs	Finish: PL1
LK1	Lockers	Locker Room	Penco	Color: to be selected in submittals Notes: See architectural specifications for more information on style/sizes
MB1	Marker-Board (B)	Locations TBD by Owner	Claridge	Style: 2900 Series Patient Information Board 1 3/4" Flat Face Trim w/Radius Corners Size: 2' x 3' with Pencil Rail Custom Graphic to be provided by facility Mounting Height: TBD by Facility
(#)	Signage	See sign plans	Bennu Enterprises	Style: To match facility standard Background Color: To match facility standard Verbiage Color: To match facility standard Accent Color: To match facility standard Notes: Allow a 5% allowance in bid
SS3	Solid Surface	Shower Inserts	Inpro/ Ferguson	Color: Bright White

WALL PROTECTION ITEMS

*SEE WALL PROTECTION CONFIGURATIONS FOR ITEMS WITH NO CODE.

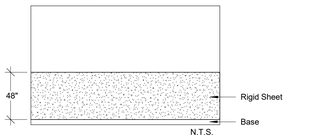
CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
●	Corner Guard 2" Full Height	Corners-90 degree	InPro	Style: 150BN Color: See color legend below Retainer: Vinyl Height: Full Height Notes: Install above wall base. Utilize top and bottom caps.
⌴	Corner Guard 2" Full Height	Corners-End Walls	InPro	Style: 150DBN Color: Feather 0238 Retainer: Vinyl Height: Full Height Sheet Texture: Velvet Notes: Install above wall base. Utilize top and bottom caps.
	Hand Rail-Vinyl	See plans	InPro	Style: 1200 Height: 6-1/4" Vinyl Color: TBD
	Bumper Rail-Vinyl	See plans	InPro	Style: 1300 w/mounting cushion Height: 4-1/16" Vinyl Color: Feather 0238
	Rigid Sheet-Vinyl	See plans	InPro	Style: Rigid Vinyl Sheet Wall Protection Thickness: 0.060" Texture: Velvet Vinyl Color: See color legend below Notes: Utilize vinyl seal caulk at seams, NOT vinyl trim pieces. Factory-cut sheets, do NOT field-cut. DO NOT APPLY RIGID SHEET TO ANY EXTERIOR WALL.

WALL PROTECTION COLOR LEGEND

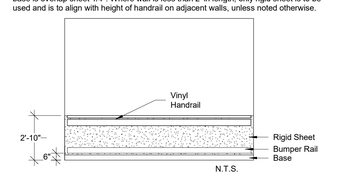
WALL PAINT COLOR	LOCATION	WALL PROTECTION COLOR
P1	General	Feather 0238
P2	Exam Room Accent Walls	Deco Blue 0391
P3	Exam Room Accent Walls	Serenity 0166

WALL PROT. CONFIGURATIONS

WP1 - Rigid Sheet is to be installed and adhered to the wall 48" length wise. Where rubber base is specified, the base is overlap sheet 1/4". Where integral base is used the sheet is to sit firmly on top of the cove capped and caulked..

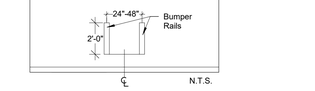


WP2- Vinyl Hand Rail is to be mounted at 34" A.F.F. to top of rail. Bumper Rail to be mounted at 6" A.F.F. from bottom of rail. Rails are to stop 2" before all door frames, fire extinguisher cabinets, wall openings and corner guards. Rigid Sheet is to be installed and adhered to the wall and align with top of handrail. Where rubber base is specified, the base is overlap sheet 1/4". Where wall is less than 2' in length, only rigid sheet is to be used and is to align with height of handrail on adjacent walls, unless noted otherwise.

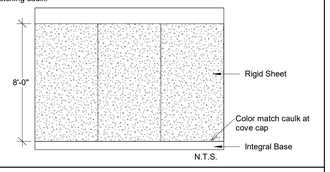


WP3- Bumper Rails are to be placed vertically at all locations of patient beds / stretchers. See architectural elevations for additional information.

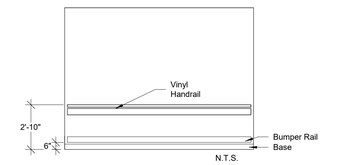
GC is to confirm that final rail mounting widths and heights coordinate with specified bed/stretcher model.



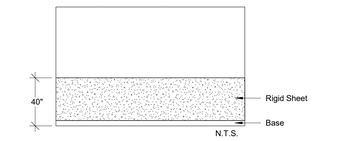
WP4- Rigid Sheet is to be installed and adhered to the wall full height. Where integral base is used, the sheet is to sit firmly on the top of the cove cap and to be caulked with color matching caulk.



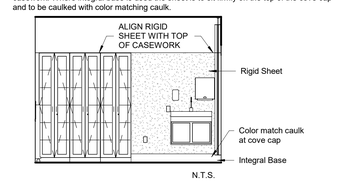
WP5- Vinyl Hand Rail is to be mounted at 34" A.F.F. to top of rail. Bumper Rail to be mounted at 6" A.F.F. from bottom of rail. Rails are to stop 2" before all door frames, fire extinguisher cabinets, wall openings and corner guards.



WP6 - Rigid Sheet is to be installed and adhered to the wall 40" length wise. Where rubber base is specified, the base is overlap sheet 1/4". Where integral base is used the sheet is to sit firmly on top of the cove capped and caulked..



WP7- Rigid Sheet is to be installed and adhered to the wall vertically to align with top of casework. Where integral base is used the sheet is to sit firmly on the top of the cove cap and to be caulked with color matching caulk.



Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

INNER DESIGN STUDIO
7103 Bakers Bridge Ave, Suite 106
Brentwood, TN 37027
615.321.0696
www.innerdesignstudio.com

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002540
DATE SIGNED: 06.05.25

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ED EXPANSION

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

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

FACILITY NUMBER:
0972400009

AGENCY APPROVALS:

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DATE:	2025.04.18
SCALE:	As indicated
DRAWN:	PC
REVIEWED:	PF
JOB NUMBER:	6406.24.0003

GENERAL FINISH SPECIFICATIONS AND NOTES

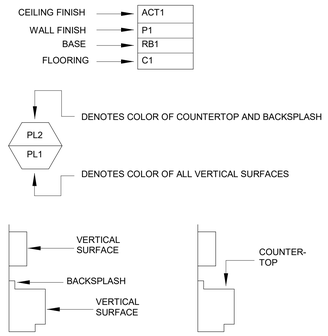
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FINISH SELECTIONS AND GENERAL NOTES

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.
Corner Guard Covers:	Provide 2% overage per type/color, no fewer than 2 (two) units.
Handrail/Wall Guard Covers:	Provide 2% overage per type/color, no fewer than 2 (two) 8'-0" long units.
Ceramic Tile:	Provide 3% overage per type/color/finish/size.
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.
Rubber Chair Rail:	Provide a minimum of 8 linear feet.
Carpet (modular):	Provide 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.
Sheet Vinyl Flooring:	Provide a minimum of 10 linear feet.

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 downs and wall protection color 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. The locker material is to be: Metal
   6.1 The locker finish is to be: LK1
7. The shower WALL material is to be: Prefabricated Wall Panels; see Plumbing documents.
   7.1 The shower WALL finish is to be: SS3; see AF001: Miscellaneous.
8. The shower FLOOR material is to be: Prefabricated Pan; see Plumbing documents.
   8.1 The shower FLOOR finish is to be: SS3; see AF001: Miscellaneous.
9. Wood grain laminates are to be installed so that the grain runs in a vertical direction, unless otherwise noted on architectural casework drawings.
10. The window stool material is to be: Solid Surface
    10.1 The window stool finish is to be: SS4
11. To avoid variances and dye lot issues on phased projects, the full amount of project finish materials need to be purchased at one time.
12. Finish drywall to floor in Exam 6 (Psyche 1-1415).

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

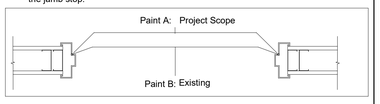
1. Prior to the application of paint, the contractor is to repair new or existing surfaces by patching, smoothing and sanding as needed to achieve a surface acceptable for the application of new finish. Prepare door frames or metal surfaces by sanding by chips/burrs, filling dents and caulking cracks 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	
Low Gloss Waterbased Epoxy	Janitors Closets, Toilets, Soiled Areas, Sterile Areas, ISO Rms. A.I.I., Staff Lounge
Latex Eggshell	All Other Areas

GYPSUM BOARD CEILINGS	
Low Gloss Waterbased Epoxy	Showers, Soiled Areas, Decontam. A.I.I., Toilets.
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.

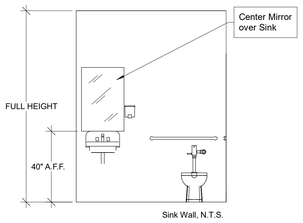
7. All prefinished store front windows or factory prefinished frames should not be painted unless otherwise directed architect or Interior Designer.
8. Paint all horizontal surfaces on soffits over upper casework to match the vertical wall unless otherwise noted. Soffits indicated to receive accent paint 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: P8
12. In IT, COMM or DATA rooms, do not paint the fire retardant plywood or cover/obstruct the fire rating label in any way.

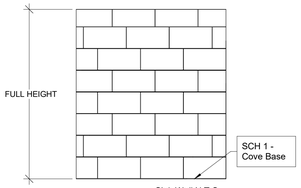
D: TILE

1. See Finish Material Legend for grout formulas and colors.
2. All transitions between wall tile and paint are to be made with SCH2 along with a bead of wall color matching caulk.
3. If shower material is tile, wall tile is to extend up to ceiling line. Where shower wall tile meets toilet walls, utilize metal trim as a finishing edge.
4. If floor tile is larger than 2"x2," cut tile to slope to drain.
5. Mirror is to be installed so the bottom of the reflective surface is at 40" AFF.

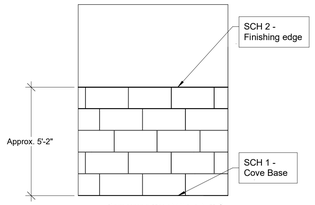


Sink Wall, N.T.S.

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



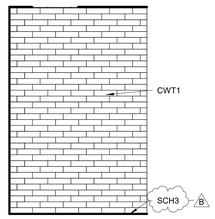
Sink Wall N.T.S.



Remaining Toilet Walls N.T.S.

Wall Tile Key:
PWT1

6. CWT1 is to be installed in a horizontal 1/3rd offset pattern as shown in elevation below.

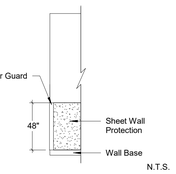


1 Water fountain Elevation
3/8" = 1'-0"

7. B Decontamination room is to receive the PWT1 in a 1/3rd offset pattern, from top of integral base to ceiling.

E: WALL PROTECTION

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.
2. Utilize caulk at all corner guards and areas where sheet protection meets door frames. Color of caulk to match wall protection.
3. Do NOT mount wall protection over expansion joints.
4. Handrails shall have a minimum light reflectance value of 30 percentage points in contrast to the wall light reflectance value.
5. All wall protection within sterile areas are to be caulked at all seams and transitions. Color of caulk to match wall protection.
6. Partial Height/Surface Mount Corner Guard - Elevation View
   Corner Guard is to be installed so that the top of corner guard aligns with the top of sheet wall protection. Avoid field cutting.

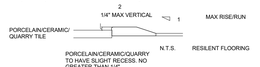


N.T.S.

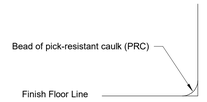
F: FLOORING

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:

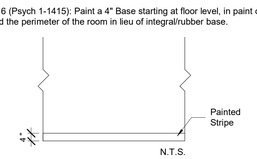


7. All floor transitions are to be taped or covered during construction, to protect the material until final completion.
8. Where new flooring or base is specified, the same flooring or base should extend into any closets, storage areas, etc. adjacent to that space unless otherwise noted.
9. For renovations, 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. Where specified sheet vinyl flooring is to be heatwelded at seams using manufacturer's sealer. Flash cove material up wall to form self-coved base. Continuous Resilient cove support to be Mannington #070. Aluminum trim to be provided by Powerhold, mill finished anodized 409105 PH 901 MFA.
12. Apply Mannington's "Seam Coater Pen" to ALL welded seams of sheet vinyl flooring immediately after installation.
13. Where sheet vinyl flooring is used, a proposed seaming diagram MUST be submitted and approved by the Interior Designer.
14. Minimize the amount of seams. Avoid seams extending into a doorway.
15. Manufacturer's recommended adhesive is to be based on application and concrete moisture %.
16. In the following locations, utilize manufacturer recommended traditional epoxy adhesive.
    - Under Trauma and Bariatric Exam tables.
17. Exam 6 (Psych 1-1415): Transition between wall and flooring is to be made with a bead of pick-resistant caulk (PRC) that is matches adjacent finish.



N.T.S.

18. Exam 6 (Psych 1-1415): Paint a 4" Base starting at floor level, in paint color EP4 around the perimeter of the room in lieu of integral/rubber base.

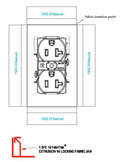


N.T.S.

19. For HCA projects, all flooring should be purchased and tracked through Logistic Solutions and Mannington. See material contacts section for contact people.

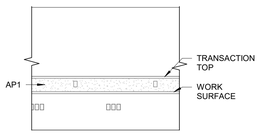
G: ACOUSTICAL PANELS

1. Acoustical Panels are to be furnished and installed by the general contractor. All dimensions must be field-verified before production. Panels are to align with countertops below. Outlets are to be located below the countertop, with grommets. 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. Nurse Work, Nurse station Casework - Panels to be applied between upper transaction top and work surface. Line up edges evenly. See diagram above for installation around electrical outlets. B



4 3 - c
1/4" = 1'-0"

H: ALTERNATES

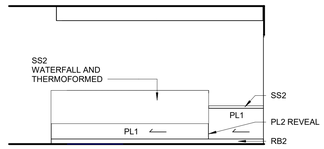
Contractor is to price the following alternates in addition to the base bid. See interior plans for locations with * for information.

1. Add Alternate 1: Replacing Acoustical Ceiling grid and Tile with ACT1.
   Add Alternate 1A: Clean Existing Ceiling grid and replace with new ACT1 ceiling tile.
2. Add Alternate 2: New Paint on all walls, trim, and GYP ceilings.
3. Add Alternate 3: New Flooring and base.

I: CASEWORK DESIGNS

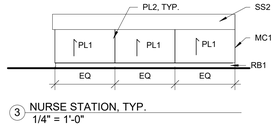
Typical Casework Designs are to be as shown in elevations below. All Graining to run in the same direction, unless otherwise noted. All 1/4" reveals are to be plastic laminate PL2.

1. Typical Reception Desk:



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

2. Typical Nurse Station, Typical:



3 NURSE STATION, TYP.
1/4" = 1'-0"

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

Consultant:
INNER DESIGN STUDIO
7103 Bakers Bridge Ave, Suite 105
Brentwood, TN 37027
615.321.0696
www.innerdesignstudio.com

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MISSOURI DHSS

FACILITY NUMBER:
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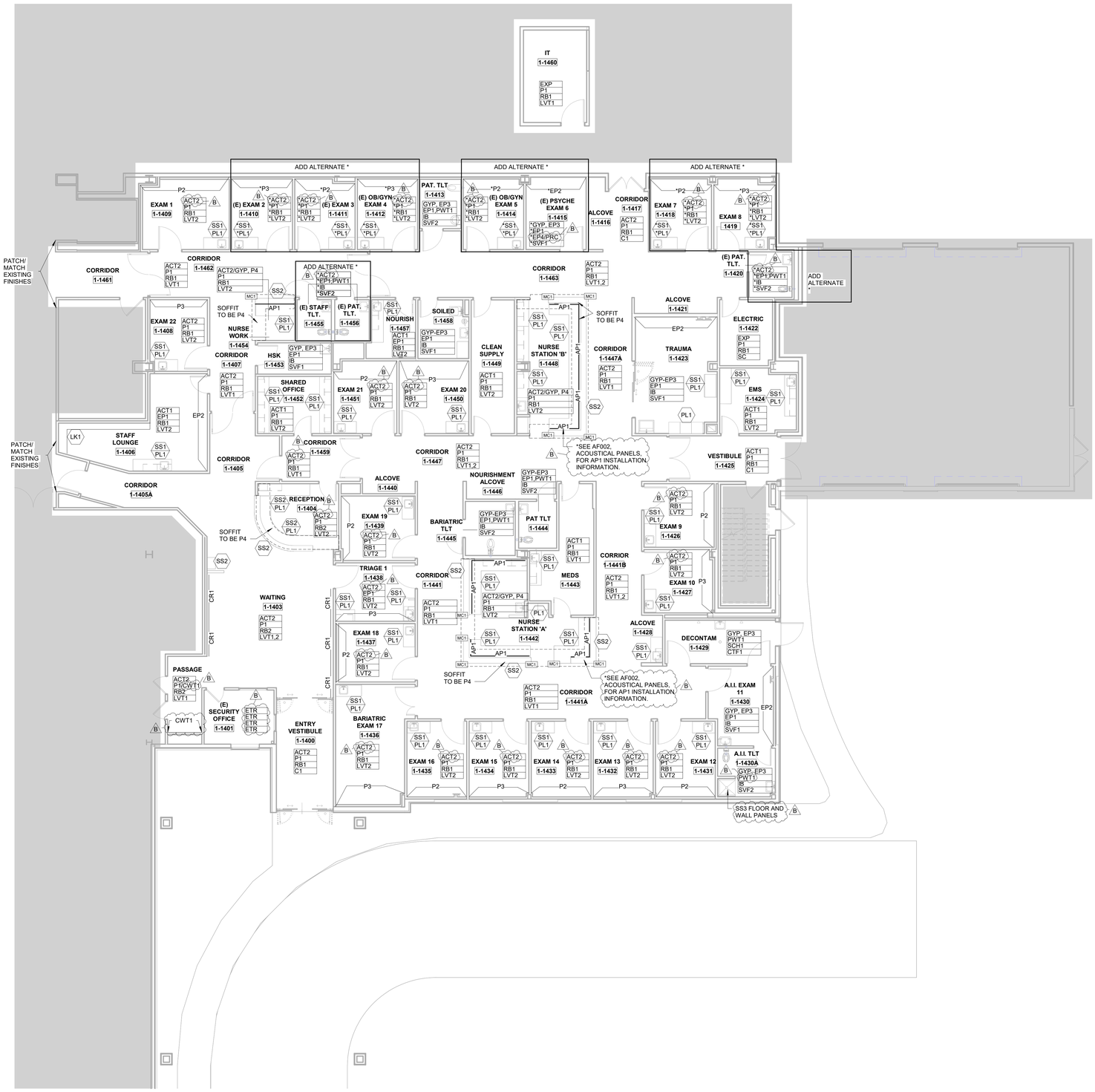
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REVIEWED:	PF
JOB NUMBER:	6406.24.0003

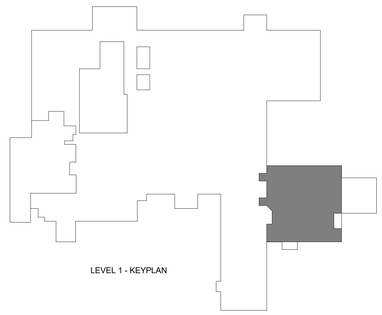
GENERAL FINISH SPECIFICATIONS AND NOTES

AF002

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1 Level 1 - FINISH PLAN
1/8" = 1'-0"



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

Consultant:
INNER DESIGN STUDIO
7103 Bakers Bridge Ave, Suite 106
Brentwood, TN 37027
615.321.0696
www.innerdesignstudio.com

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FINISH FLOOR PLAN - LEVEL 1

AF101

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1 Level 1 - FLOOR PATTERN PLAN
1/8" = 1'-0"

FLOORING

CODE/ KEY	ITEM	LOCATION	MANUFACT.	DESCRIPTION
C1	Carpet	Walk off Carpet	Shaw	Style: Welcome II Tile 5T031 Color: Sterling 31557 Format: Plank Size: 24"x 24"x 0.362 in. thickness Backing: Polypropylene/Ecoworx Adhesive: Manufacturer Recommended Installation: Quarter Turn
CTF1	Ceramic Tile Floor	Floors-Decontam	Daltile	Style: Keystones Mosaics Color: Urban Putty 0161 Size: 2"x2" x 1/4" thickness Grout: Laticrete, Spectralock Pro Premium Grout Color: Walnut 94 Joint Width: N/A
LVT1	Luxury Vinyl Tile	Floors-Field-	Mannington	Style: Amtico Collection Color: Manor Oak AROW7970, unbeveled Size: 7.25" x 48" x 2.5 mm thickness Adhesive: Manufacturer Recommended Installation: Random Stagger
LVT2	Luxury Vinyl Tile	Floors-Accent -	Mannington	Style: Active Lines Collection, Grid Color: Zing ALG201, unbeveled Size: 18" x 18" x 2.5 mm thickness Adhesive: Manufacturer Recommended Installation: Ashlar, all arrows in one direction
SC	Sealed Concrete	Floors	Sherwin Williams	Style: Armorseal Treadplex Color: Haze Gray Notes: See architectural specifications for information
SVF1	Sheet Vinyl Floor	Floors-Field	Mannington	Style: Biospec MD Color: New Mineral Gray 15365 Roll Width: 6'-6" x 0.080" thickness Adhesive: Manufacturer Recommended Notes: Seams to be heat welded with solid weld rod Timberwolf 842524 *Utilize 2 coats of Quantam Guard HP Seam Coater Pen on weld rods*
SVF2	Sheet Vinyl Floor	Floors-Slip Resistant	Mannington	Style: Assurance III Color: Trail 16352 Roll Width: 6'-6" x 0.080" thickness Adhesive: Manufacturer Recommended Notes: Seams to be heat welded with solid weld rod Heather Beige 842381 *Utilize 2 coats of Quantam Guard HP Seam Coater Pen on weld rods*

FLOORING TRANSITION STRIPS

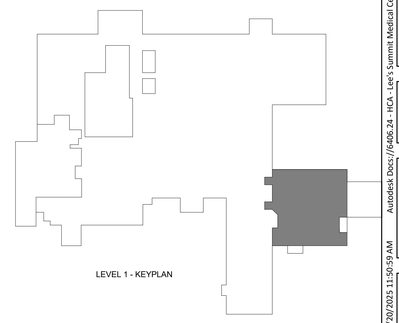
TS1	Transition Strip	1/8" Resilient to Carpet	Schluter Systems	Vinpro-S, Aluminum Finish: Brushed Nickel Anodized Aluminum
TS2	Transition Strip	Porcelain/ Ceramic to 1/8" Resilient	Grifform	Ramping TRT#, 1/8" Beveled Corian Color: Elegant Gray See Flooring for detail note about Ramp size.
TS3	Transition Strip	LVT to SVF	Sheet Flooring	Mannington, Weld Rod to match adjacent SVF *Utilize 2 coats of Quantum Guard HP Seam Coater Pen on Weld Rods
TS4	Transition Strip	1/8" Resilient to Concrete	Schluter Systems	Vinpro- U, Aluminum Finish: Brushed Nickel Anodized Aluminum Backfill with thin set to prevent denting.
TS5	Transition Strip	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
	Existing	Subfloor Leveler Ramping Solutions	Mannington	Subfloor Leveling transition 189 Wide Reducer Notes: Utilize to create ADA compliant transition where is is needed.

FLOORING LEGEND

TS — FLOORING TRANSITION TYPE

PLANK OR TILE DIRECTION

PATTERN DIRECTION CHANGE



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

Consultant:
INNER DESIGN STUDIO
7103 Bakers Bridge Ave. Suite 106
Brentwood, TN 37027
615.321.0696
www.innerdesignstudio.com

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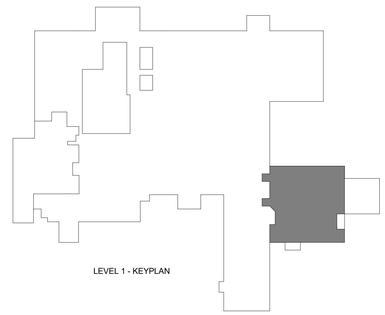
FLOOR PATTERN PLAN - LEVEL 1

AF103

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1 Level 1 - FURNITURE PLAN
1/8" = 1'-0"



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Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

INNER DESIGN STUDIO
7103 Bakers Bridge Ave, Suite 106
Brentwood, TN 37027
615.321.0696
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FURNITURE PLAN - LEVEL 1

AF104

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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 EVER PIPING HAS TO BE EXPOSED.

BB. PROVIDE DRIP PANS UNDER PLUMBING LINES WERE REQUIRED BY CODE AND/OR THE OWNER.

CC. PROVIDE ACCESS TO ALL VALVES AND TRAP PRIMERS.

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	OSAY	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 VALVE
EWC	ELECTRIC WATER COOLER		
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 IBC w/LOCAL AMENDMENTS
MECHANICAL	2018 IMC w/LOCAL AMENDMENTS
PLUMBING	2018 UPC w/LOCAL AMENDMENTS
FIRE	2018 IFC w/LOCAL AMENDMENTS
ELECTRICAL	2017 NEC w/LOCAL AMENDMENTS

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.

UNDERGROUND 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.

UNDERGROUND VENT PIPING

1. SERVICE CLASS, EPOXY COATED CAST-IRON SOIL PIPING; GASKETS; AND GASKETED JOINTS.

STORM PIPING

ABOVE GROUND STORM DRAINAGE 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 COUPLED JOINTS.

UNDERGROUND STORM DRAINAGE PIPING

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

CHEMICAL WASTE PIPING

ABOVE GROUND CHEMICAL-WASTE PIPING

1. PP DRAINAGE PIPING AND ELECTROFUSION OR MECHANICAL JOINTS.
2. PVDF DRAINAGE PIPING AND ELECTROFUSION OR MECHANICAL JOINTS.
3. CPVC DRAINAGE PIPE AND FITTINGS AND SOLVENT CEMENT JOINTS

UNDER SLAB-ON-GRADE, INDOOR, CHEMICAL-WASTE PIPING

1. PP DRAINAGE PIPING AND ELECTROFUSION JOINTS.
2. PVDF DRAINAGE PIPING AND ELECTROFUSION JOINTS.
3. CPVC DRAINAGE PIPE AND FITTINGS AND SOLVENT CEMENT JOINTS.

MEDICAL GAS PIPING

MEDICAL VACUUM, MEDICAL AIR AND OXYGEN

1. TYPE L, COPPER MEDICAL GAS TUBE; WROUGHT-COPPER FITTINGS; AND BRAZED JOINTS OR AXIALLY SWAGED COUPLINGS.

PLUMBING SYMBOLS

ALL SYMBOLS SHOWN MAY NOT APPEAR IN ALL DRAWINGS

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
CW	DOMESTIC COLD WATER (CW)		PRESSURE GAUGE WITH GAUGE COCK
HW	DOMESTIC HOT WATER (HW)		THERMOMETER WITH GAUGE COCK
HWR	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
RPZ	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 SEWER/WASTE PIPING		BALANCING VALVE
SV	SANITARY VENT PIPING		STRAINER
IW	INDIRECT WASTE	SA	SHOCK ARRESTOR (SA-A, SA-B, SA-C, SA-D) B
	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		

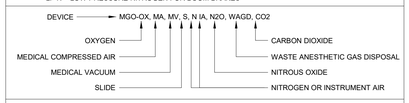
MEDICAL GAS SYMBOLS

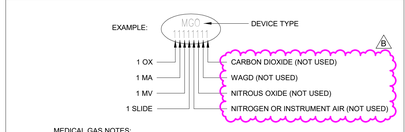
SYMBOL	DESCRIPTION
OX	MEDICAL OXYGEN PIPING
MA	MEDICAL AIR PIPING
MV	MEDICAL VACUUM PIPING
WAGD	WASTE ANESTHETIC GAS DISPOSAL PIPING
N	MEDICAL NITROGEN PIPING
N2O	MEDICAL NITROUS OXIDE PIPING
CO2	CARBON DIOXIDE PIPIING
IA	INSTRUMENT AIR
GGD	MEDICAL GAS PIPING DROPS IN WALL (FULL SIZE) TO WALL OUTLETS OR HEADWALL
	MASTER ALARM PANEL
	AREA ALARM PANEL
	ZONE VALVE BOX
	NITROGEN CONTROL PANEL
	PRESSURE/VACUUM SENSOR
	MAIN LINE PRESSURE/VACUUM GAUGE
	MEDICAL GAS AUXILIARY OUTLETS

MEDICAL GAS LEGEND

MAI = MEDICAL AIR INTAKE
MAP = MASTER ALARM PANEL
MGB = MEDICAL GAS CEILING BOOM
MGC = MEDICAL GAS CEILING COLUMN
MGD = MEDICAL GAS DROP
MGH = MEDICAL GAS HEADWALL
MGO = MEDICAL GAS WALL OUTLET
MGP = MEDICAL GAS PEDESTAL
MVE = MEDICAL VACUUM EXHAUST
NCP = NITROGEN CONTROL PANEL
IA = MEDICAL EQUIPMENT INSTRUMENT AIR (FOR BRAKES ON MEDICAL BOOMS)
LP N = LOW PRESSURE NITROGEN FOR BOOM BRAKES

MA = MEDICAL COMPRESSED AIR
MV = MEDICAL VACUUM
O = OXYGEN B
S = SLIDE
N = NITROGEN
N20 = NITROUS OXIDE
C02 = CARBON DIOXIDE GAS
WAGD = WASTE ANESTHETIC GAS DISPOSAL
AAP = AREA ALARM PANEL
ZVB = ZONE VALVE BOX





MEDICAL GAS NOTES:

A. COORDINATE WITH ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND MOUNTING HEIGHT OF MEDICAL GAS OUTLETS, ZONE VALVE BOXES AND ALARM PANELS.
B. NOT ALL GASES ARE TO BE USED AT EACH LOCATION. THE GAS ORDER SHOWN IN THE EXAMPLE IS TYPICAL FOR ALL OUTLETS.
C. COORDINATE MEDICAL GAS PIPE ROUTINGS WITH ALL OTHER TRADES BEFORE INSTALLATION.

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

WSP
300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

STATE OF MISSOURI
MATTHEW SIMMONS
NUMBER PE-2017026134
PROFESSIONAL ENGINEER

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ED EXPANSION

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2100 SE BLUE PKWY LEE'S SUMMIT, MO 64063

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
A	CITY - 2ND REVIEW	2025/06/05
B	DESIGN COORDINATION	2025/06/05

DATE:	2025/04/18
SCALE:	1/8" = 1'-0"
DRAWN:	WSP
REVIEWED:	WSP
JOB NUMBER:	US0040241.3707

GENERAL INFORMATION - PLUMBING

P00-00

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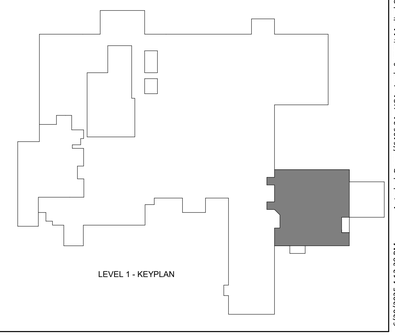
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GENERAL NOTES

A. REFER TO P00-00 FOR GENERAL PLUMBING NOTES AND SYMBOLS.
B. ORANGE DASHED PIPING REPRESENTS PIPING TO BE DEMOLISHED



1 UNDERFLOOR PLAN - LEVEL 00 - PLUMBING
1/8" = 1'-0"



LEVEL 1 - KEYPLAN

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

wsp

300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

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UNDERFLOOR PLAN - LEVEL 00 - PLUMBING

P02-00

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GENERAL NOTES

A. REFER TO P00-00 FOR GENERAL PLUMBING NOTES AND SYMBOLS.
B. ORANGE DASHED PIPING REPRESENTS PIPING TO BE DEMOLISHED

LEGEND NOTES

1. DECONTAMINATION TANK ALARM PANEL.
2. FIRE VALVE CABINET.
3. EXISTING PLUMBING FIXTURE TO REMAIN.
4. RELOCATED BOILER CONTROL PANEL.
5. INSTALL DRIP PAN BENEATH EXISTING PIPING LOCATED OVER NEW ELECTRICAL ROOM. INSTALL SENSOR IN DRIP PAN TO DETECT MOISTURE AND ALARM TO BUILDING MANAGEMENT SYSTEM.
6. CONNECT NEW 1-1/4" HW PIPING TO EXISTING 1-1/4" HW PIPING SERVING EXISTING DECONTAM SHOWER.
7. ROUTE 4"SD DOWN BELOW GRADE AND CONNECT TO CIVIL UTILITY PIPING. REFER TO CIVIL PLANS FOR CONTINUATION.

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

LEVEL 1 - KEYPLAN

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

WSP
300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

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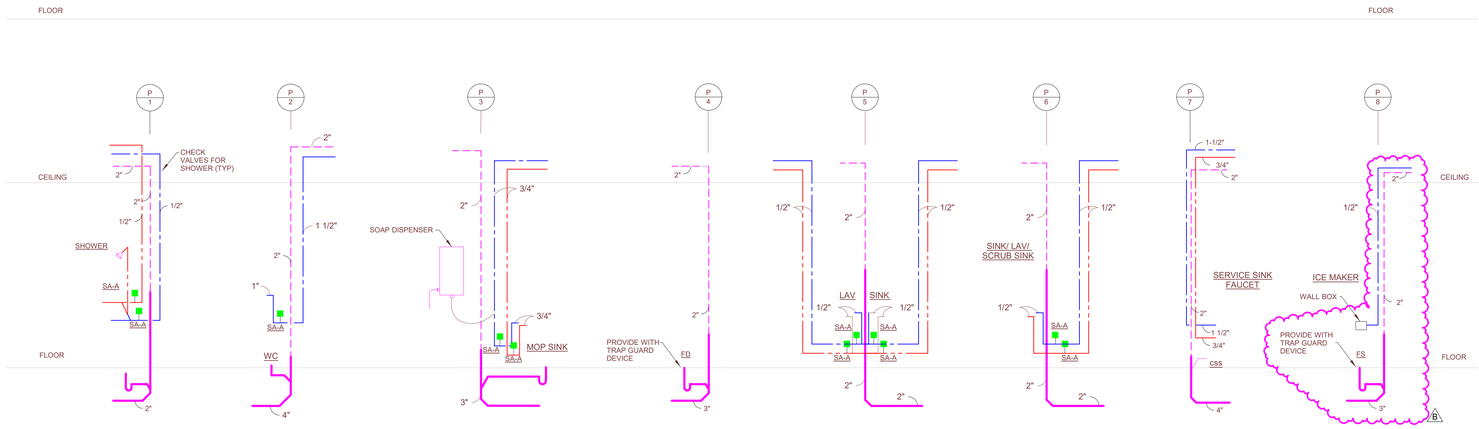
FLOOR PLAN - LEVEL 01 - PLUMBING

P02-01

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1 Riser diagram
NTS

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

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ED EXPANSION

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

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DATE:	2025/04/18
SCALE:	NTS
DRAWN:	WSP
REVIEWED:	WSP
JOB NUMBER:	US0040241.3707

RISER DIAGRAM - PLUMBING

P06-01

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PLUMBING FIXTURE

HCA DESIG.	FIXTURE TYPE	SAN.SEWER	VENT	COLD WATER	HOT WATER	DESCRIPTION
P-104	WATER CLOSET ADA COMPLIANT PATIENT	4"	2"	1"	-	WATER CLOSET: ZURN MODEL No. Z5666-BWL-BA-AM (WHITE) FLUSH VALVE WATER CLOSET, VITREOUS CHINA, 16-3/4" RIM HEIGHT, 10" ROUGHING-IN, 1.6 GALLONS PER FLUSH, ELONGATED BOWL WITH BED PAN LUGS, DIRECT FED SIPHON JET ACTION, FULLY GLAZED TRAPWAY, 1½" TOP SPUD. FLUSH VALVE: ZURN MODEL No. Z-6011AV-AV-BWN-WS1 BEDPAN WASHER, 1.6 GPF, EXPOSED, QUIET DIAPHRAGM-TYPE, CHROME PLATED, FLUSHOMETER VALVE WITH A POLISHED EXTERIOR. CHLORAMINE RESISTANT, DUAL SEAL DIAPHRAGM WITH CLOG RESISTANT, TRIPLE FILTERED BY-PASS. ADA COMPLIANT WITH A NON-HOLD OPEN AND NO LEAK HANDLE FEATURE, BEDPAN WASHER ASSEMBLY WITH OFFSET FLUSH TUBE, WALL BRACKET AND SUPPORT ROD, HIGH BACK PRESSURE VACUUM BREAKER, ONE-PIECE BOTTOM HEX COUPLING NUT, ADJUSTABLE TAILPIECE 1" I.P.S. SCREWDRIVER BACK-CHECK ANGLE STOP, OFFSET FOR ADA APPLICATIONS, SPUD COUPLING AND FLANGE FOR 1½" TOP SPUD. SEAT: PROFLO MODEL No. PFTSCOF2000WH, WHITE OPEN SEAT FRONT LESS COVER, WITH SELF SUSTAINING CHECK HINGE.
P-304	LAVATORY - WALL HUNG ADA COMPLIANT PATIENT	2"	2"	1/2"	1/2"	LAVATORY: ZURN MODEL No. Z5344 WHITE 20X18 4CC WALL MOUNT WALL HUNG LAVATORY, VITREOUS CHINA. PATIENT. FAUCET: ZURN MODEL No. Z812A4-XL-FC1.5 SWING GOOSENECK SPOUT, WITH 1.5 GPM FLOW CONTROL IN BASE OF SPOUT, WITH 4" WRISTBLADE HANDLES. STRAINER AND TAILPIECE: PROFLO MODEL No. PFCD101 1-1/4" X 6" CP OFFSET GRID DRAIN AND TAILPIECE. P-TRAP: PROFLO MODEL No. PFPTB400 1-1/4" CHROME PLATED CAST BRASS BODY P-TRAP. TUBULAR BRASS WALL BEND. No. PF203WH TRAP WRAP KIT. 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. CARRIER: ZURN MODEL Z1231 FLOOR MOUNTED CARRIER.
P-309	LAVATORY - WALL HUNG LIGATURE RESISTANT ADA COMPLIANT	2"	2"	1/2"	1/2"	LAVATORY: BRADLEY MODEL No. HSL-1-BIR-3-TMA-TC-AL-BRKT-S-CHROME-SAND SOLID SURFACE SINGLE STATION LAVATORY FAUCET: INTEGRAL BATTERY POWERED INFRARED SPRAYHEAD, WITH 0.5 GPM FLOW MIXING VALVE: THERMOSTATIC MIXING VALVE STRAINER AND TAILPIECE: INTEGRAL STRAINER AND TAILPIECE. P-TRAP: CHROME PLATED CAST BRASS BODY P-TRAP, WITH STAINLESS STEEL TRAP COVER. 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-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-404	SINK SINGLE COMPARTMENT ADA COMPLIANT	2"	2"	1/2"	1/2"	SINK: ELKAY MODEL LRAD-1919-55-3 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. Z7870C-XL-C, 8" FIXED CENTERS SINGLE HANDLE KITCHEN FAUCET, WITH 2.2 GPM FLOW RATE. STRAINER/TAILPIECE: PROFLO MODEL No. PF151ACP BASKET DRAIN WITH 1-1/2" 20 GAUGE 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-501	CLINICAL SERVICE SINK	4"	2"	1-1/2"	3/4"	CLINICAL SERVICE SINK: ZURN MODEL Z5410 WALL MOUNTED, VITREOUS CHINA CLINIC SERVICE SINK. VITREOUS CHINA, INTEGRAL FLUSHING RIM. FLUSHING ACTION AND 1-1/2" TOP SPUD. STAINLESS STEEL RIM GUARD. FLUSH VALVE & FAUCET: ZURN MODEL Z6017-AV-H FLUSH VALVE (FRONT ACCESS); ZURN MODEL Z843D4-2XT-LVB-PE-FT-YJ FAUCET W/INTEGRAL VAC BRKR, CHECK STOPS AND SERVICE STOPS. BEDPAN WASHER: ZURN MODEL Z85500WM-XL-EVB-HK-SE-SHZ-VC WALL MOUNTED BEDPAN WASHER COMBINATION WITH FOOT PEDAL MIXING VALVE, LOOSE-KEY STOPS, ELEVATED VACUUM BREAKER, 69" WHITE VINYL REINFORCED HOSE WITH CHROME PLATED BRASS WALL FLANGE, SUPPLY ELL, SPRAY HANDLE AND WALL HOOK CARRIER: ZURN Z-1217-B HEAVY DUTY CARRIER INSTALL 30" FROM RIM TO FINISHED FLOOR.
P-503	SCRUB SINK SENSOR OPERATED	2"	2"	1/2"	1/2"	SINK: ZURN MODEL Z5468AM VITREOUS CHINA SCRUB SINK, CONCEALED WALL HANGERS AND SUPPORT BRACKETS. FAUCET: ZURN MODEL No. Z6920-XL-ADM2-HI-FC1.5 ADA COMPLIANT, BATTERY POWERED, CHROME PLATED SENSOR FAUCET. FLOW RATE 1.5 GPM FLOW CONTROL IN BASE OF SPOUT, OCCUPANT DETECTION INFRARED CONVERGENCE-TYPE PROXIMITY SENSOR 30 SECOND TIME OUT FEATURE, SPOUT MODULE CHROME PLATED CAST BRASS, IN-LINE FILTER, ABOVE DECK MIXER WITH WRIST BLADE HANDLE AND 8" COVER PLATE. STRAINER/TAILPIECE: ZURN MODEL No. Z5460-DRAIN-02 CP STRAINER WITH TAILPIECE. P-TRAP: PROFLO MODEL No. PFPTB403 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. CARRIER: ZURN Z1224-2 CARRIER WITH BEARING PLATE ASSEMBLY.
P-608	SHOWER (SOLID SURFACE)	2"	2"	1/2"	1/2"	ENCLOSURE: 36"SOLID SURFACE BASE WITH CENTER DRAIN. WALLS, GRAB BAR, SOAP DISH, FOLD UP SEAT FURNISHED BY OTHERS. INPRO E3636LCCDB0 36"X36" LOW CURB SHOWER BASE. CENTER DRAIN. BONE. FAUCET: SYMMONS No. SYM6926-PLR-X-231 PRESSURE BALANCING SHOWER VALVE, ADA COMPLIANT, DIVERTER WITH VOLUME CONTROL, INTEGRAL SERVICE STOPS AND LEVER HANDLE. SUPER SHOWER HEAD WITH ARM AND FLANGE. ADA HAND HELD SHOWER, INLINE VACUUM BREAKER, 60" HOSE AND 36" SLIDE BAR. INSTALL FAUCET ASSEMBLY OFFSET AS DIRECTED BY THE ADA RULES. DRAIN: PROFLO PF 140NC CP DRAIN
P-704	FLOOR SINK	AS NOTED ON PLANS	-	-	-	ZURN MODEL ZN-1901-KC, SANI-FLOR RECEPTOR 12" x 12" x 8" DEEP CAST IRON BODY AND SQUARE, LIGHT-DUTY FULL GRATE WITH 1/2" SLOTTED OPENINGS, WHITE ACID RESISTING PORCELAIN ENAMEL INTERIOR AND TOP, COMPLETE WITH WHITE ABS ANTI-SPLASH INTERIOR BOTTOM DOME STRAINER.
P-710	ROOF DRAIN	AS NOTED ON PLANS	-	-	-	ZURN MODEL ZA-100-DR, 15" DIAMETER ROOF DRAIN. DURA-COATED IRON BODY WITH COMBINATION MEMBRANE FLASHING CLAMP/GRAVEL GUARD AND LOW SILHOUETTE ALUMINUM DOME.
P-711	OVERFLOW DRAIN	AS NOTED ON PLANS	-	-	-	ZURN MODEL ZA-100-W2-DR, 15" DIAMETER ROOF DRAIN. DURA-COATED IRON BODY WITH COMBINATION MEMBRANE FLASHING CLAMP/GRAVEL GUARD AND LOW SILHOUETTE ALUMINUM DOME AND 2" INTERNAL WATER DAM.
P-721	FLOOR DRAIN DECON	AS NOTED ON PLANS	-	-	-	ZURN MODEL Z-550-NC-A-Y, ROUND ACID RESISTANT EPOXY COATED CAST IRON BODY WITH NECK, DOUBLE DRAINAGE BOTTOM OUTLET, SEEPAGE PAN AND COMBINATION MEMBRANE FLASHING CLAMP AND FRAME FOR MEDIUM-DUTY SLOTTED GRATE, SEDIMENT BUCKET AND TRAP PRIMER CONNECTION.
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.
P-816	EMERGENCY EYEWASH	-	-	1/2"	1/2"	EYEWASH: BRADLEY MODEL S1944011ABC, WALL MOUNTED HAND HELD EMERGENCY EYE/FACE WASH. STAYS OPEN CONTROL VALVE. REINFORCED THERMOPLASTIC 12' HOSE. DUAL SPRAY HEADS WITH DUST COVERS. FLOW RATE: 3.5-5.9 GPM MIXING VALVE: BRADLEY S19-2000 THERMOSTATIC MIXING VALVE. CHECKSTOPS ON INLETS, ADJUSTABLE SET POINT, COLD WATER BY-PASS, DIAL THERMOMETER.
P-817	DECONTAM SHOWER INTERIOR	-	-	1/2"	1/2"	FAUCET: SYMMONS NO. 425-VT PSK-12-VSH TEMP PRESSURE BALANCING SHOWER VALVE, INTEGRAL SERVICE STOPS AND LEVER HANDLE, HAND HELD SHOWER, INLINE VACUUM BREAKER, 72" HOSE AND ATTACHMENT HOOKS. MIXING VALVE: BRADLEY S19-2000 THERMOSTATIC MIXING VALVE. CHECKSTOPS ON INLETS, ADJUSTABLE SET POINT, COLD WATER BY-PASS, DIAL THERMOMETER.
P-831	LAVATORY - WALL HUNG FAUCET/EYE WASH COMBINATION ADA COMPLIANT	2"	2"	1/2"	1/2"	LAVATORY: ZURN MODEL No. Z5345 20X18 WALL MOUNT VITREOUS CHINA LAVATORY, VITREOUS CHINA, BARRIER FREE. FAUCET AND MIXING VALVE: SPEAKMAN MODEL No. SEF1800-CA-LF-TW RIGID GOOSENECK SPOUT WITH INDEPENDENTLY OPERATED EYEWASH, WITH 1.5 GPM LAMINER FLOW CONTROL, WITH 4" WRISTBLADE HANDLES. STRAINER AND TAILPIECE: PROFLO MODEL No. PFCD100 1-1/4" X 6" CP GRID DRAIN AND TAILPIECE. P-TRAP: PROFLO MODEL No. PFPTB400 CHROME PLATED CAST BRASS BODY P-TRAP, TUBULAR BRASS WALL BEND AND No. PF202WH TRAP WRAP KIT. STOPS AND RISERS: PFXQAC32C LEAD FREE 1/4 TURN CHROME PLATED BRASS ANGLE STOPS, TWO PFE7 ESCUTCHEONS AND TWO PFX146324 20" FLEXIBLE STAINLESS STEEL RISERS. CARRIER: ZURN MODEL Z1231 FLOOR MOUNTED CARRIER
P-832	JANITOR SINK AND EYEWASH	3"	2"	3/4"	3/4"	MOP SINK: STERN WILLIAMS #SB-902, 24" X 24" X 12" SQUARE TERRAZZO MOP SINK WITH STAINLESS STEEL CAP, SS RIM GAURDS AND PROFLO PFWG248 SS WALL GUARDS FOR 24X24 MOP BASIN FAUCET:SPEAKMAN SEF9000-TW EYEWASH FAUCET AND MIXING VALVE TRAINNER/TAILPIECE:STERN-WILLIAMS TC3TCNH GASKET. DRAIN: STERN WILLIAMS STC3NH MOP SINK GASKET FOR CAST IRON PIPE. AT EACH MOP SINK LOCATION PROVIDE A 1/2" REDUCED PRESSURE BACKFLOW PREVENTER (RPZ) ON A HOT WATER LINE ADJACENT TO THE MOP SINK FOR CONNECTION TO A SOAP MACHINE.

B

B

B

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

wsp

300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

STATE OF MISSOURI
MATTHEW SIMMONS
NUMBER PE-2017026134
REGISTERED ENGINEER

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SCHEDULES - PLUMBING

P08-01

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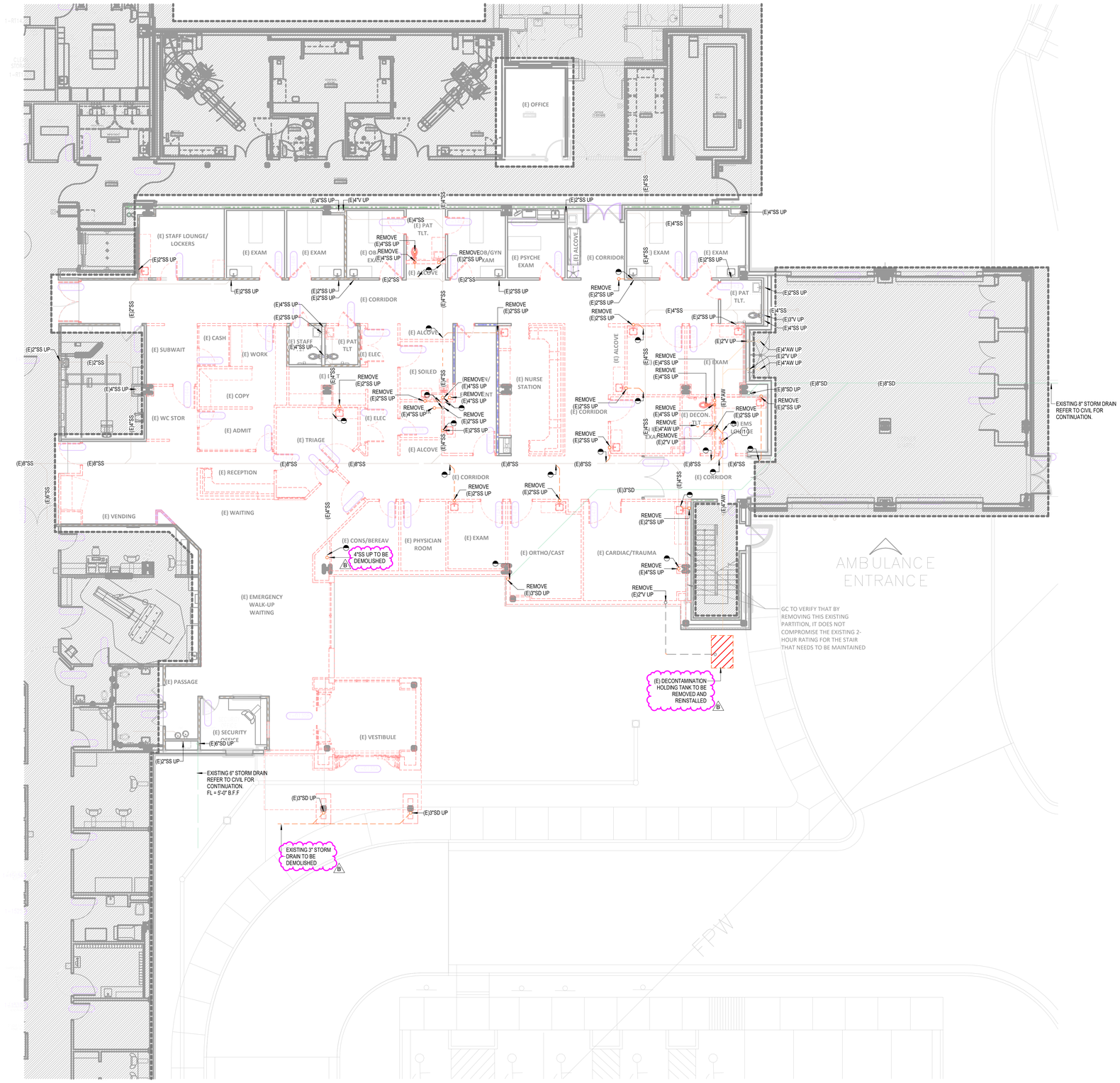
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GENERAL NOTES

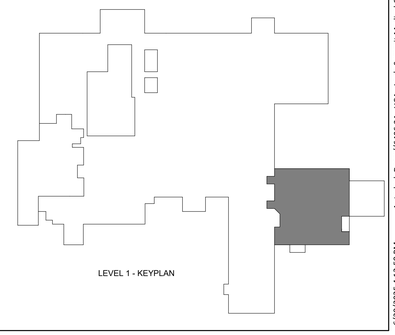
A. REFER TO P00-00 FOR GENERAL PLUMBING NOTES AND SYMBOLS.
B. ORANGE DASHED PIPING REPRESENTS PIPING TO BE DEMOLISHED. B

LEGEND NOTES

1. REMOVE 2 WAY VALVE TO DIVERT FLOW TO SAN/DECONTAMINATION TANK.



1 DEMOLITION UNDERFLOOR PLAN - LEVEL 00 - PLUMBING
1/8" = 1'-0"



LEVEL 1 - KEYPLAN

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

wsp

300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

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DEMOLITION UNDERFLOOR PLAN - LEVEL 00 - PLUMBING

PD02-00

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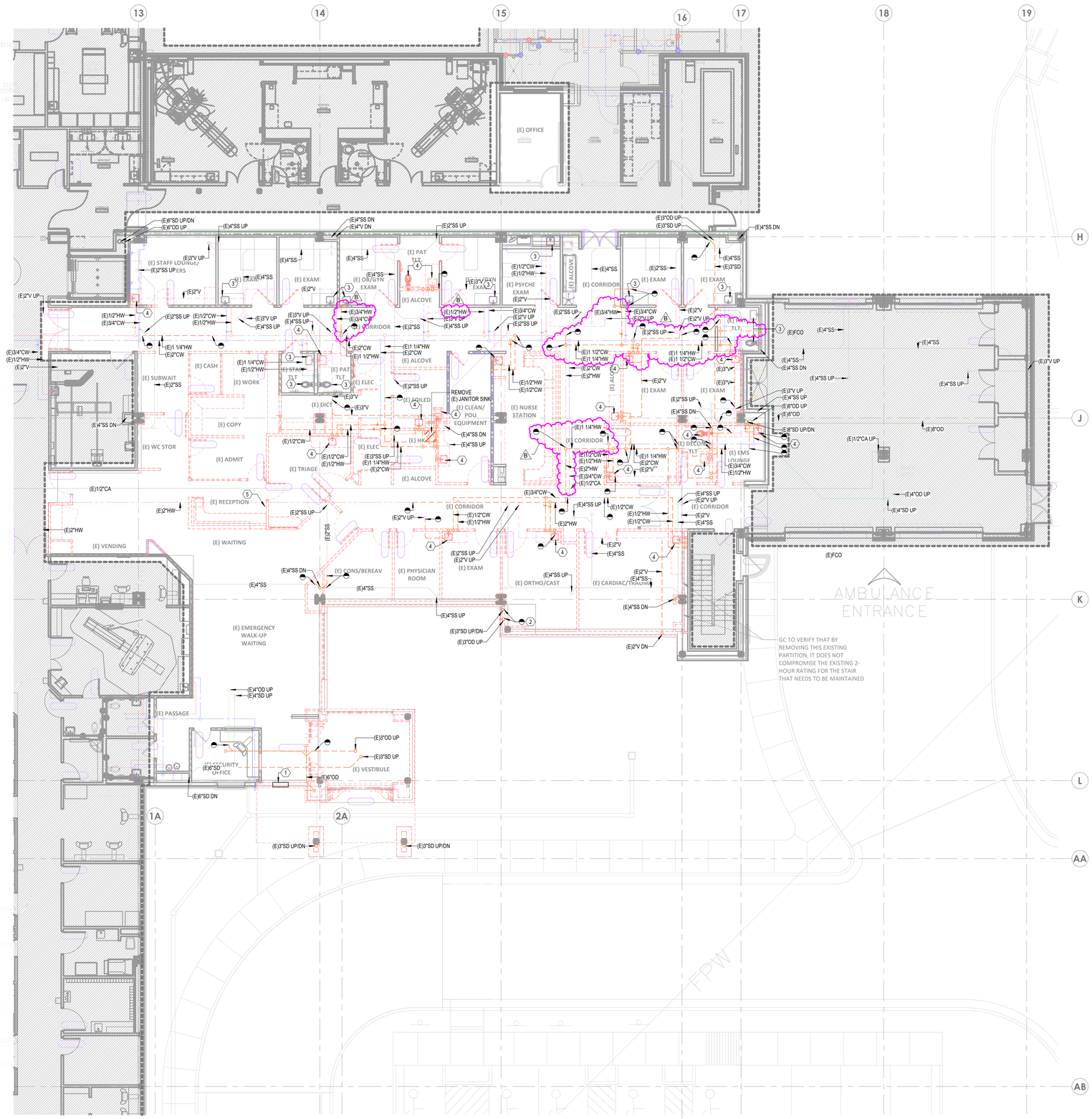
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GENERAL NOTES

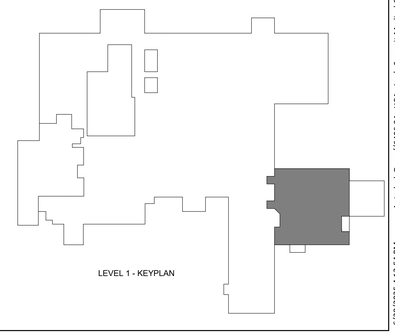
A. REFER TO P00-00 FOR GENERAL PLUMBING NOTES AND SYMBOLS.
B. ORANGE DASHED PIPING REPRESENTS PIPING TO BE DEMOLISHED. (B)

(#) LEGEND NOTES

1. REMOVE EXISTING FIRE VALVE CABINET.
2. REMOVE PIPE TO THE FIRST FLOOR CEILING LEVEL.
3. EXISTING PLUMBING FIXTURES TO REMAIN.
4. REMOVE EXISTING PLUMBING FIXTURE WITH ALL ASSOCIATED WASTE AND SUPPLIES CAPPED.
5. EXISTING BOILER CONTROL PANEL TO BE RELOCATED.



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



LEVEL 1 - KEYPLAN

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

300 WYANDOTTE, SUITE 200
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DEMOLITION PLAN - LEVEL 01 - PLUMBING

PD02-01

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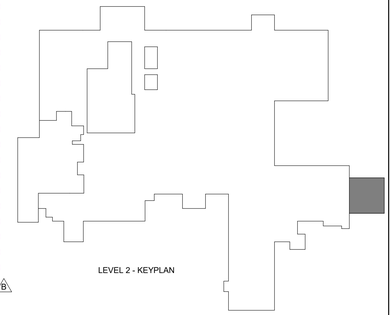
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GENERAL NOTES

A. REFER TO P00-00 FOR GENERAL PLUMBING NOTES AND SYMBOLS.
B. ORANGE DASHED PIPING REPRESENTS PIPING TO BE DEMOLISHED



1 FLOOR PLAN - LEVEL 02 - PLUMBING
1/8" = 1'-0"



LEVEL 2 - KEYPLAN

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

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NUMBER PE-2017026134
REGISTERED PROFESSIONAL ENGINEER

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ED EXPANSION

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

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DATE:	2025/06/05
SCALE:	1/8" = 1'-0"
DRAWN:	WSP
REVIEWED:	WSP
JOB NUMBER:	US0040241.3707

FLOOR PLAN - LEVEL 02 - PLUMBING

P02-02 B

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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. PROVIDE SOUND LAGGING FOR 15' OF HORIZONTAL DUCT AND VERTICAL DUCT UP TO EXHAUST FAN AS SHOWN WITH DASHED LINE. REFER TO DETAILS 06/M07-01 AND 05/M07-03.
2. 8"X14" STAINLESS STEEL EA DUCT UP TO DEF-1 ON ROOF.
3. 26"X18" EXISTING EA DUCT UP TO EF-2 ON ROOF.
4. 18"16" EXISTING EA DUCT UP TO EF-1 ON ROOF.
5. 12"X8" EA-I DUCT UP TO IRF-8 ON ROOF.
6. BALANCE EXISTING DIFFUSER OR GRILLE TO CFM SHOWN ON PLAN.
7. PROVIDE DUCT STATIC PRESSURE SENSOR FOR AHU-1.
8. ROUTE NEW DUCTWORK AROUND EXISTING P-TUBE.
9. CONTRACTOR TO FIELD VERIFY EXISTING VAV ACCESS IS NOT OBSTRUCTED BY NEW DOUBLE DOORWAY. IF EXISTING VAV ACCESS IS OBSTRUCTED, CONTRACTOR TO SHIFT EXISTING VAV OUT OF OBSTRUCTION AS NEEDED TO OBTAIN FULL VAV ACCESS.

1 FLOOR PLAN - LEVEL 01 - HVAC
1/8" = 1'-0"

LEVEL 1 - KEYPLAN

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

MATTHEW SIMMONS
NUMBER PE-2017026134
STATE OF MISSOURI
PROFESSIONAL ENGINEER

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FLOOR PLAN - LEVEL 01 - HVAC

M02-01

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GENERAL NOTES

A. REFER TO M0-00 FOR GENERAL MECHANICAL NOTES, SYMBOLS AND LEGENDS.
B. ALL EXISTING CONDITIONS INDICATED ON THESE DRAWINGS ARE BASED UPON A COMBINATION OF AVAILABLE RECORD DESIGN AND AS-BUILT DOCUMENTS.
C. PROVIDE CEILING ACCESS PANELS FOR ALL EQUIPMENT, COILS, ETC. THAT ARE LOCATED ABOVE HARD CEILINGS UNLESS NOTED OTHERWISE.

LEGEND NOTES

1. PROVIDE END OF MAIN FLUSHING VALVE AT THE END OF HW PIPING RUN. REFER TO DETAIL 05/M07-01.
2. PROVIDE 3-WAY CONTROL VALVE FOR VAV AT THE END OF THE PIPING RUN.
3. DIFFERENTIAL PRESSURE SENSOR MOUNTED ABOVE DOOR.
4. PRESSURE MONITOR STATION. MOUNT AT 48" A.F.F.
5. EPO SWITCH FOR AHU-1.
6. PROVIDE PRESSURE MONITOR FOR ISOLATION ROOM.
7. CALIBRATED ORIFICE BALANCING VALVE BALANCED TO GPM INDICATED.
8. ROUTE REFRIGERANT PIPING TO CORRESPONDING CONDENSING UNIT ON ROOF. SIZE AND ROUTE PIPING PER MANUFACTURER'S REQUIREMENTS. DO NOT ROUTE REFRIGERANT PIPING OVER COMMUNICATIONS ROOM'S RACKS OR WALL-MOUNTED EQUIPMENT.
9. ROUTE CONDENSATE DRAIN LINE TO NEAREST FLOOR DRAIN.
10. PROVIDE TWO THERMOSTATS IN IT ROOM. ONE FOR VAV CONTROL AND ONE FOR MINI-SPLIT CONTROL. SET MINI-SPLIT THERMOSTAT 2-3°F LOWER THAN VAV TO PRIORITIZE MINI-SPLIT OPERATION AND ALLOW VAV TO ENGAGE AS SUPPLEMENTAL COOLING.
11. THERMOSTAT TO BE WASH DOWN TYPE. PROVIDE PLASTIC COVER.

1 FLOOR PLAN - LEVEL 01 - HVAC PIPING
1/8" = 1'-0"

LEVEL 1 - KEYPLAN

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T: 602.943.8950

www.devenneygroup.com

Consultant:

300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

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FLOOR PLAN - LEVEL 01 - HVAC PIPING

M03-01

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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 REFER TO "ENLARGED LEVEL 01 - EXAM RM TYPICAL - POWER" ON (B) E05-01 FOR TYPICAL POWER DEVICE LAYOUT.
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 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 ADDITIONAL DETAILS.
4 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.
5 PROVIDE 120V POWER CONNECTION TO FIRE/SMOKE DAMPERS, SMOKE DAMPERS, AND MOTORIZED DAMPERS IN THIS AREA. PROVIDE SEPARATE RELAYS FOR EACH DUCT DETECTOR TO MEET MECHANICAL SEQUENCES. REFER TO THE ARCHITECTURAL LIFE SAFETY PLANS FOR SMOKE WALLS AND MECHANICAL PLANS FOR THE LOCATIONS OF ALL FIRE/SMOKE DAMPERS, SMOKE DAMPERS, AND MOTORIZED DAMPERS.
(B) 6 CONNECT TO EXISTING CIRCUITS PREVIOUSLY SERVING ALARM PANELS. EXTEND WIRING AND CONDUIT AS NEEDED.
(B) 7 PROVIDE SEPARATE CONDUIT PATHWAY WITH DEDICATED CONDUCTORS FOR ROUTING OF NORMAL AND CRITICAL EMERGENCY POWER CIRCUITS INDICATED IN THIS NURSE STATION MILLWORK. RUN CONDUIT AND CONDUCTORS OVERHEAD TO NEAREST WALL, DOWN WALL, AND THEN SAWCUT SLAB OVER TO NURSE STATION.
8 INDOOR UNIT TO BE SERVED FROM OUTDOOR UNIT. REFER TO OUTDOOR UNIT FOR FEEDER SCHEDULE.
(B) 9 ALARM PANEL TO BE RELOCATED TO NEW LOCATION AS SHOWN. VERIFY LAYOUT OF ALL ALARM PANELS WITH THE ENGINEER OF RECORD PRIOR TO INSTALLATION.

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

LEVEL 1 - KEYPLAN

Devenney GROUP
Devenney Group Ltd., Architects
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Suite 500
Scottsdale, AZ 85251
T: 602.943.8950
www.devenneygroup.com

Consultant:
wsp
300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

STATE OF MISSOURI · ANDY SUSAN WHEELER · NUMBER PE-2017000125 · PROFESSIONAL ENGINEER
06/05/2025
WSP USA Buildings Inc. 2013001881

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ED EXPANSION

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MISSOURI DHSS

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AGENCY

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FLOOR PLAN - LEVEL 01 - 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 FIXTURE 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	REFER TO LIGHTING CONTROL SCHEDULE ON E08-01. COORDINATE LOCATION OF PHOTOCELL WITH THE ARCHITECT.
2	CONNECT TO EXISTING EXTERIOR LIFE SAFETY CIRCUIT AND CONTROL PREVIOUSLY SERVING THIS AREA.
3	DEVICES IN DECONTAMINATION ROOM SHALL BE PROVIDED WITH A WEATHERPROOF ENCLOSURE.

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

LEVEL 1 - KEYPLAN

Devenney GROUP

Devenney Group Ltd., Architects

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Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

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Consultant:

wsp

300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

STATE OF MISSOURI
ANDY SUAN WHEELER
NUMBER PE-2017000125
PROFESSIONAL ENGINEER
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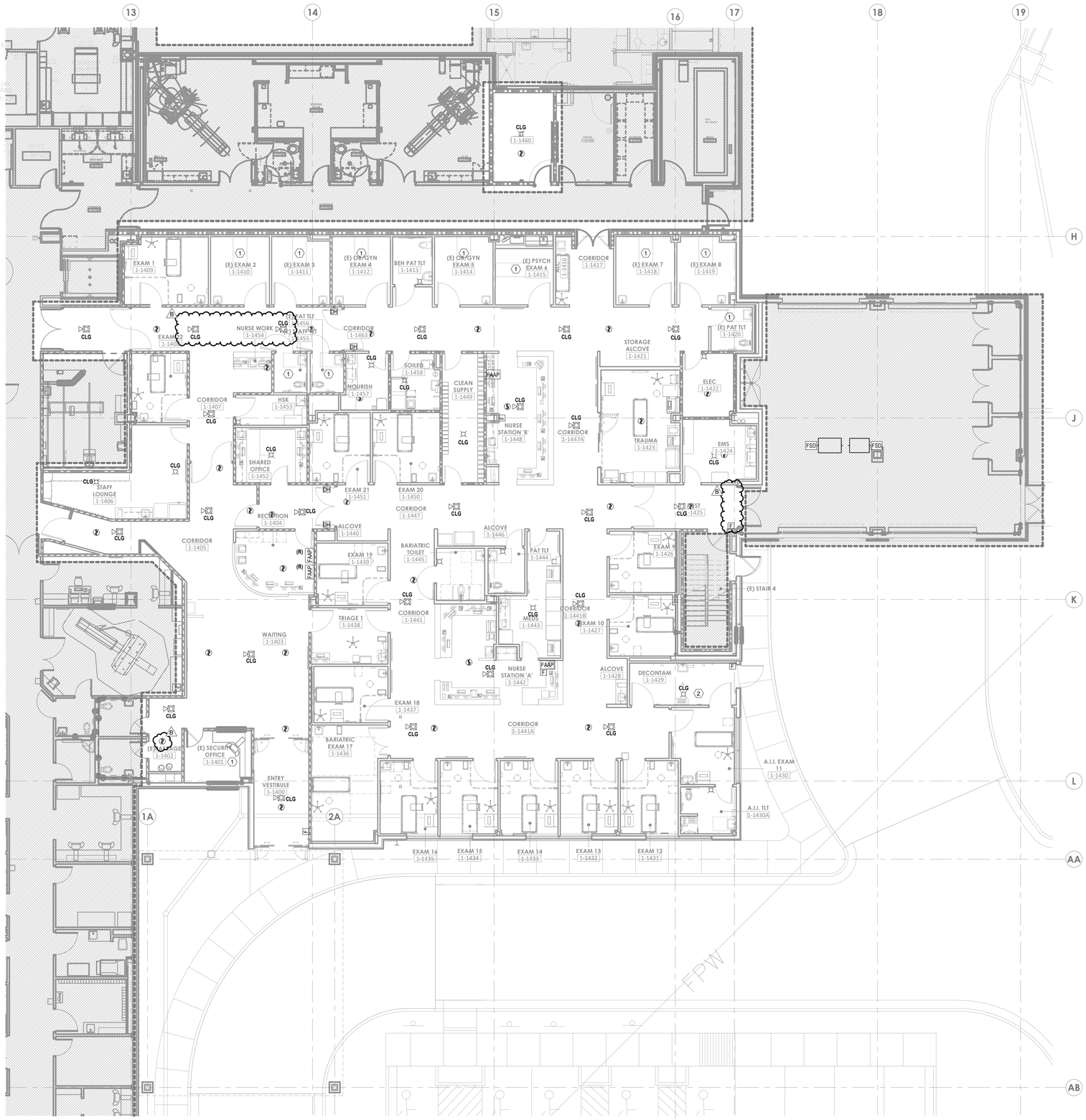
FLOOR PLAN - LEVEL 01 - LIGHTING

E03-01

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6/20/2025 10:28:49 AM



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

GENERAL NOTES

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

LEGEND NOTES

1 EXISTING FIRE ALARM DEVICES TO REMAIN.
2 DEVICES IN DECONTAMINATION ROOM SHALL BE PROVIDED WITH A WEATHERPROOF ENCLOSURE.

LEVEL 1 - KEYPLAN

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FLOOR PLAN - LEVEL 01 - SPECIAL SYSTEM

E04-01

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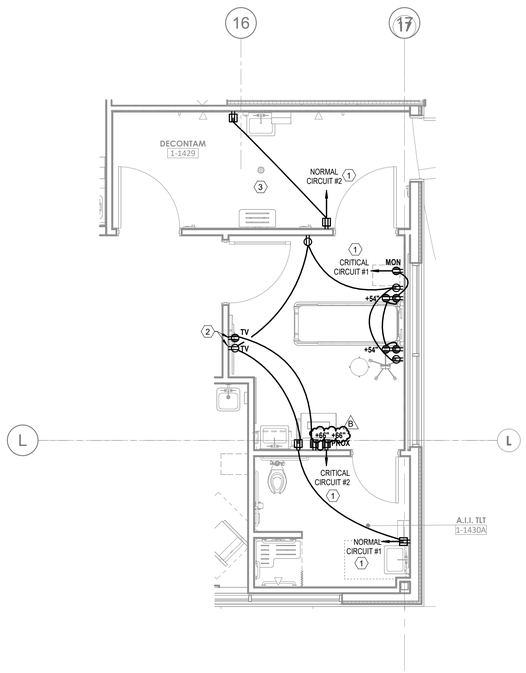
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GENERAL NOTES

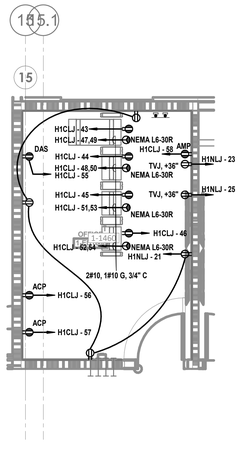
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E. COORDINATE LOCATIONS OF ALL DISCONNECTS, CONTROL PANELS, AND ELECTRICAL CONNECTIONS FOR MECHANICAL AND PLUMBING EQUIPMENT TO MAINTAIN NEC REQUIRED CLEARANCES.

LEGEND NOTES

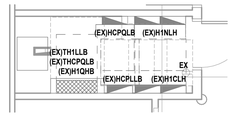
1 REFER TO E02 SERIES FLOOR PLANS FOR SPECIFIC PANELBOARD CIRCUITING.
2 DEVICE(S) TO BE LOCATED IN TV BACK-BOX; REFER TO TECHNOLOGY DRAWINGS FOR SPECIFICATION AND DETAILS. COORDINATE EXACT LOCATION WITH MONITOR/ TV MOUNTING BRACKET. REFER TO ARCHITECTURAL DRAWINGS AND ELEVATIONS FOR BRACKET MOUNTING HEIGHT AND EXACT LOCATIONS PRIOR TO ROUGH-IN.
3 DEVICES IN DECONTAMINATION ROOM SHALL BE PROVIDED WITH A WEATHERPROOF ENCLOSURE.
4 FLUSH MOUNTED DIGITAL ELAPSED TIME CLOCK EQUAL TO PRIMEX #B2007Y2026F WITH REMOTE START-STOP-RESET CONTROL. COORDINATE WITH ARCHITECTURAL PLANS PRIOR TO ROUGH-IN.
5 FLUSH MOUNT BOX FOR LIGHT CONTROLLER. ROUTE 1"C FROM CONTROLLER TO SURGICAL LIGHT.



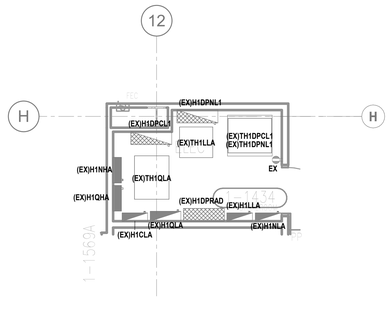
9 ENLARGED LEVEL 01 - A.I.I. EXAM, DECON - POWER
1/4" = 1'-0"



6 ENLARGED LEVEL 01 - IT 1-1460 - POWER
1/4" = 1'-0"



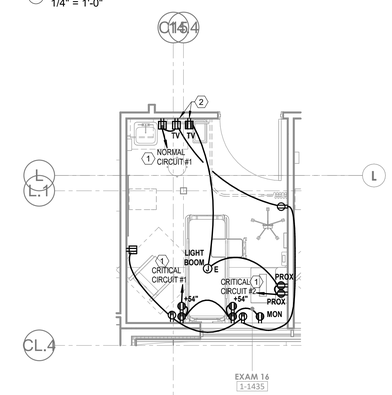
3 ENLARGED LEVEL 01 - ICU ELEC RM - POWER
1/4" = 1'-0"



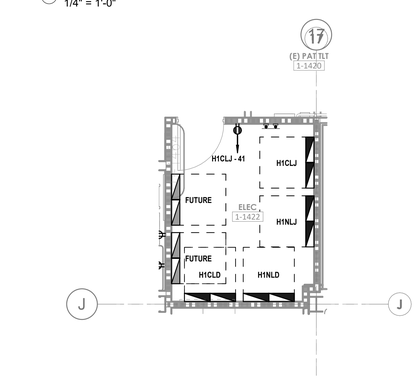
2 ENLARGED LEVEL 01 - ELEC ME 1-1434 - POWER
1/4" = 1'-0"

8 ENLARGED LEVEL 01 - BARIATRIC EXAM RM - POWER
1/4" = 1'-0"

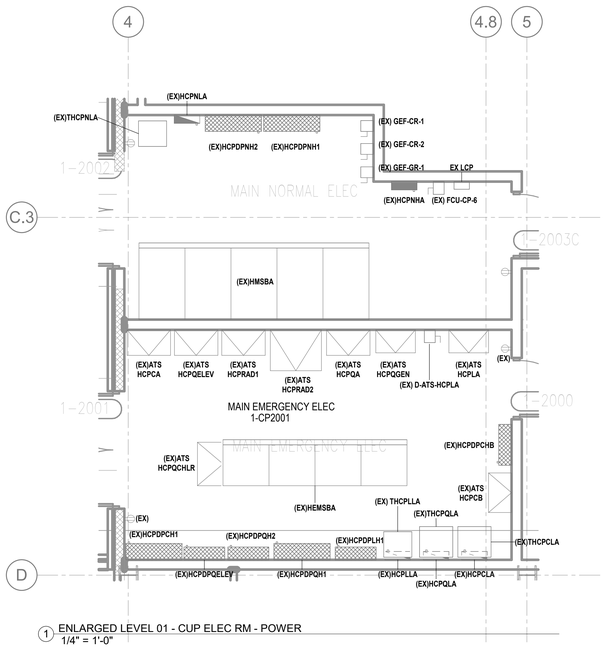
5 ENLARGED LEVEL 01 - TRAUMA RM - POWER
1/4" = 1'-0"



7 ENLARGED LEVEL 01 - EXAM RM TYPICAL - POWER
1/4" = 1'-0"



4 ENLARGED LEVEL 01 - ELEC ME 1-1422 - POWER
1/4" = 1'-0"



1 ENLARGED LEVEL 01 - CUP ELEC RM - POWER
1/4" = 1'-0"

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

Consultant:
wsp
300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

STATE OF MISSOURI
WENDY SUSAN WHEELER
NUMBER PE-2017000125
PROFESSIONAL ENGINEER
06/05/2025
WSP USA Buildings Inc. 2013001681

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ED EXPANSION

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

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

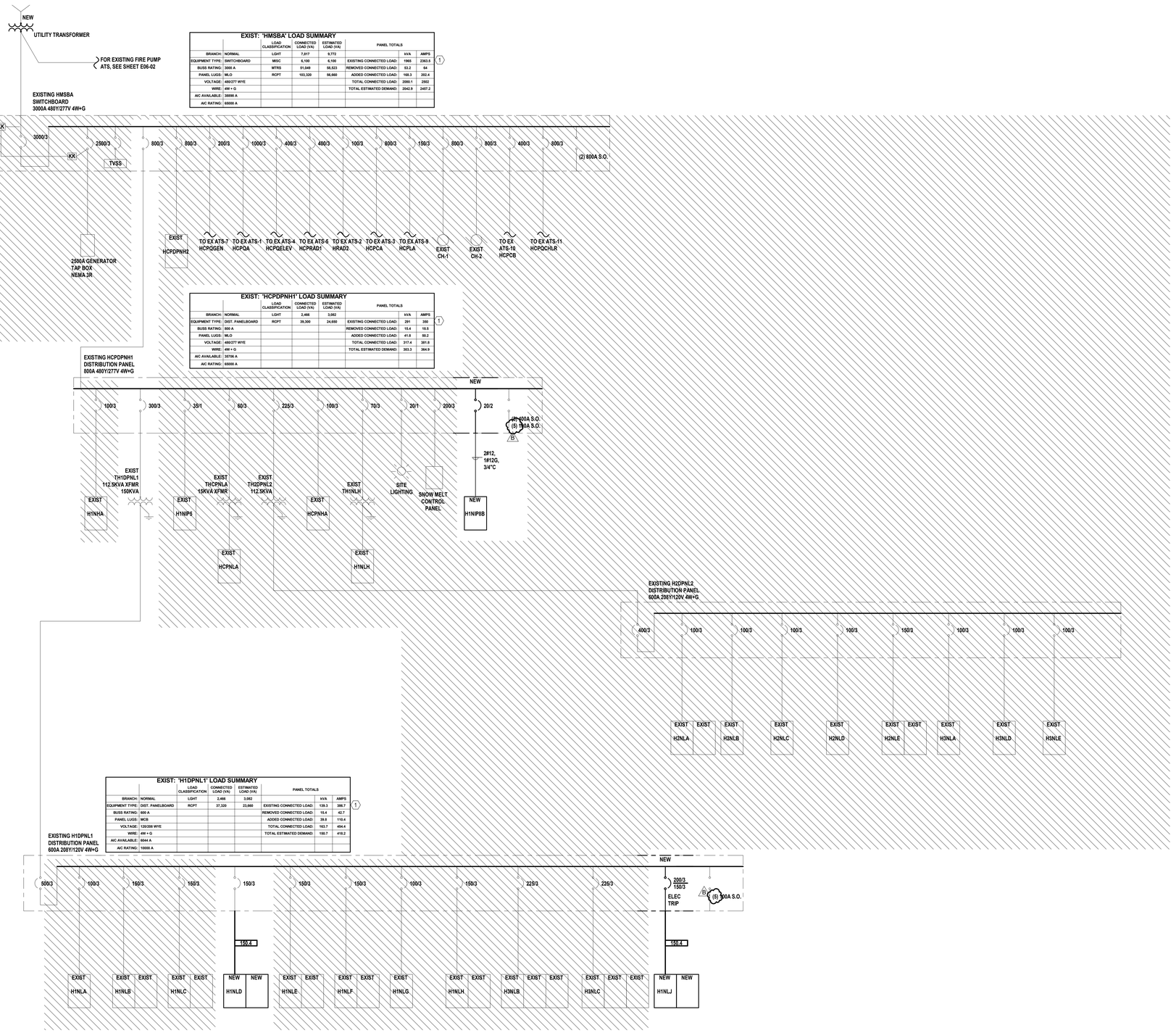
DATE:	04/18/25
SCALE:	As indicated
DRAWN:	WSP
REVIEWED:	WSP
JOB NUMBER:	US0040241.3707

ENLARGED FLOOR PLAN

E05-01

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Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/MEP - LSMC ED Expansion_R23.rvt
6/20/2025 10:29:00 AM



EXIST: 'HMSBA' LOAD SUMMARY

		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS	kVA	AMPS
BRANCH:	NORMAL	LGHT	7,817	9,772			
EQUIPMENT TYPE:	SWITCHBOARD	MISC	6,100	6,100	EXISTING CONNECTED LOAD:	1965	2363.5
BUSS RATING:	3000 A	MTRS	81,049	58,323	REMOVED CONNECTED LOAD:	53.2	64
PANEL LUGS:	MLO	RCPT	103,320	56,660	ADDED CONNECTED LOAD:	168.3	202.4
VOLTAGE:	480/277 WYE				TOTAL CONNECTED LOAD:	2080.1	2502
WIRE:	4W + G				TOTAL ESTIMATED DEMAND:	2042.9	2457.2
AIC AVAILABLE:	38896 A						
AIC RATING:	65000 A						

EXIST: 'HCPDPNH1' LOAD SUMMARY

		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS	kVA	AMPS
BRANCH:	NORMAL	LGHT	2,466	3,082			
EQUIPMENT TYPE:	DIST. PANELBOARD	RCPT	39,500	24,650	EXISTING CONNECTED LOAD:	291	350
BUSS RATING:	800 A				REMOVED CONNECTED LOAD:	15.4	18.5
PANEL LUGS:	MLO				ADDED CONNECTED LOAD:	41.8	50.2
VOLTAGE:	480/277 WYE				TOTAL CONNECTED LOAD:	317.4	381.8
WIRE:	4W + G				TOTAL ESTIMATED DEMAND:	303.3	364.9
AIC AVAILABLE:	35706 A						
AIC RATING:	65000 A						

EXIST: 'H1DPNL1' LOAD SUMMARY

		LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS	kVA	AMPS
BRANCH:	NORMAL	LGHT	2,466	3,082			
EQUIPMENT TYPE:	DIST. PANELBOARD	RCPT	27,320	23,860	EXISTING CONNECTED LOAD:	139.3	386.7
BUSS RATING:	600 A				REMOVED CONNECTED LOAD:	15.4	42.7
PANEL LUGS:	MCB				ADDED CONNECTED LOAD:	39.8	110.4
VOLTAGE:	120/208 WYE				TOTAL CONNECTED LOAD:	163.7	454.4
WIRE:	4W + G				TOTAL ESTIMATED DEMAND:	150.7	418.2
AIC AVAILABLE:	6044 A						
AIC RATING:	10000 A						

LEGEND NOTES

1. EXISTING LOAD IS BASED ON DESIGN LOAD FROM AN ONGOING PROJECT AT THE FACILITY.
2. MATCH NEW WIRE SIZE TO EXISTING TO REMAIN WIRE SIZE.

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

STATE OF MISSOURI
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06/05/2025
WSP USA Buildings Inc. 2013001681

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

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DATE:	04/18/25
SCALE:	1/8" = 1'-0"
DRAWN:	WSP
REVIEWED:	WSP
JOB NUMBER:	US0040241.3707

ONE LINE DIAGRAM - NORMAL - NEW

E06-02

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Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/MEP_LSMC ED Expansion_R23.rvt

6/20/2025 10:29:02 AM

LEGEND NOTES

1. EXISTING LOAD IS BASED ON DESIGN LOAD FROM AN ONGOING PROJECT AT THE FACILITY.
2. EXISTING LOAD BASED ON 30-DAY METERED LOAD X 1.25 FROM 01/17/2025 - 02/16/2025.
3. MATCH NEW WIRE SIZE TO EXISTING TO REMAIN WIRE SIZE.

EXIST 900KW GENERATOR
480Y/277V, 3PH, 4W

EXISTING HEMSBA
SWITCHBOARD
1600A 480Y/277V 4W+G

EXIST: 'HEMSBA' LOAD SUMMARY

BRANCH:	EMERGENCY	LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS	kVA	AMPS
EQUIPMENT TYPE:	SWITCHBOARD	LIGHT	5,302	6,890			
BUSS RATING:	1600 A	MISC	6,100	6,100	EXISTING CONNECTED LOAD:	872.1	1049
PANEL LUGS:	MLO	MTRS	51,049	58,523	REMOVED CONNECTED LOAD:	37.8	45.5
VOLTAGE:	480/277 WYE	RCPT	64,020	37,010	ADDED CONNECTED LOAD:	126.5	152.2
WIRE:	4W + G				TOTAL CONNECTED LOAD:	960.8	1155.7
AIC AVAILABLE:	TBD A				TOTAL ESTIMATED DEMAND:	942.6	1133.8
AIC RATING:	42000 A						

(1)

KK — 1600/3 — 1600/3 — KK — TVSS

200/3 — 1000/3 — 400/3 — 400/3 — 1000/3 — 800/3 — 150/3 — 300/3 — 400/3 — 800/3 — (1) 800A S.O. (1) 400A S.O.

TO EX ATS-4 HCPQELEV — TO EX ATS-5 HCPRAD1 — TO EX ATS-2 HRAD2 — TO EXISTING FIRE PUMP — TO EX ATS-10 HCPCB

1600A GENERATOR TAP BOX NEMA 3R

TO HMSBA — EXIST ATS-1 HCPQA 1000A

TO HMSBA — EXIST ATS-3 HCPCA

TO HMSBA — EXIST ATS-9 HCPLA

TO HMSBA — EXIST ATS-7 HCPQGEN

EXISTING HCPDPQGEN DISTRIBUTION PANEL 200A 480Y/277V 4W+G

15/3 — 100/3, 100/3 — 50/3 — 70/3 — 35/3

3 #3, 1 #9 G — CNTRL

EXIST JP-1 — EXIST MAC-1 — EXIST MAC-1 — EXIST MAC-1 — EXIST MVP-1 — EXIST — EXIST CA — EXIST HCPQGENLA

EXIST: 'HCPDPCH1' LOAD SUMMARY

BRANCH:	CRITICAL	LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS	kVA	AMPS
EQUIPMENT TYPE:	DIST. PANELBOARD	LIGHT	3,373	4,216			
BUSS RATING:	800 A	MISC	1,700	1,700	EXISTING CONNECTED LOAD:	209.1	251.5
PANEL LUGS:	MCB	RCPT	64,020	37,010	REMOVED CONNECTED LOAD:	9	10.8
VOLTAGE:	480/277 WYE				ADDED CONNECTED LOAD:	69.1	83.1
WIRE:	4W + G				TOTAL CONNECTED LOAD:	269.2	323.8
AIC AVAILABLE:	33025 A				TOTAL ESTIMATED DEMAND:	243.1	292.4
AIC RATING:	65000 A						

(1)

EXISTING HCPDPCH1 DISTRIBUTION PANEL 800A 480Y/277V 4W+G

NEW

225/3 — 60/3 — 225/3 — 60/2 — 35/1 — 60/2 — 35/1 — 60/2 — 35/1 — 60/2 — 35/1 — 35/1 — 35/1 — 20/2 — 60/2 — 175/3 — (7) 250A S.O.

2#12, 1#12G, 3/4"C

EXIST TH1DPCL1 75KVA XFMR — EXIST THCPCLA 30KVA XFMR — EXIST TH2DPCL2

EXIST H1CIP1A — EXIST H1CIP1B — EXIST H1CIP2A — EXIST H1CIP2B — EXIST H1CIP3A — EXIST H1CIP8 — EXIST H1CIP4A — EXIST H1CIP4B — EXIST H1CIP5 — EXIST H1CIP6 — NEW H1CIP8A — EXIST H1CIP7A

TO EXISTING PNLBD H2DPCL2 — TO EXISTING PNLBD HCPCLA

EXIST TH3DPCL3 112.5KVA — TO EXISTING PNLBD H3DPCL3

EXIST: 'HCPDPQH1' LOAD SUMMARY

BRANCH:	EQUIPMENT	LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS	kVA	AMPS
EQUIPMENT TYPE:	DIST. PANELBOARD	MISC	2,500	2,500	EXISTING CONNECTED LOAD:	472.8	568.7
BUSS RATING:	1200 A	MTRS	51,049	58,523	REMOVED CONNECTED LOAD:	28.8	34.7
PANEL LUGS:	MLO				ADDED CONNECTED LOAD:	53.5	64.4
VOLTAGE:	480/277 WYE				TOTAL CONNECTED LOAD:	497.5	598.4
WIRE:	4W + G				TOTAL ESTIMATED DEMAND:	505	607.4
AIC AVAILABLE:	34453 A						
AIC RATING:	65000 A						

(1)

EXISTING HCPDPQH1 DISTRIBUTION PANEL 1200A 480Y/277V 4W+G

60/3 — 60/3 — 150/3 — 400/3 — 250/3 — 350/3 — 300/3 — 200/3 — 90/3 — 400/3 — 80/3 — 100/3 — 100/3 — 250/3 — 20/3, 15/3 — 20/3, 15/3 — 400/3, 400/3 — (4) 110A S.O. (1) 200A S.O.

EXIST THCPQLA 30KVA XFMR — EXIST TH1QLA 75KVA XFMR — TO EX H2DPQH2 — TO EX H2DPQHB — TO EX HPDPQHC — TO EX HPDPQHD — EXIST ACCU-9 — TO EX H3DPQHA — TO EX PHILPS HYBRID — TO EX RTU-1 HYBRID — TO EX H1QHA — TO EX H1QHB — EXIST VFD — EXIST VFD — TO EX H3DPQB

EXIST H1QHA — EXIST HCPQLA — EXIST H1QLA

EXIST: 'H2DPQHA' LOAD SUMMARY

BRANCH:	EQUIPMENT	LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS	kVA	AMPS
EQUIPMENT TYPE:	DIST. PANELBOARD	MISC	1,000	1,000			
BUSS RATING:	400 A	MTRS	43,270	50,744	EXISTING CONNECTED LOAD:	77.3	93
PANEL LUGS:	MLO				REMOVED CONNECTED LOAD:	28.8	34.7
VOLTAGE:	480/277 WYE				ADDED CONNECTED LOAD:	44.3	53.2
WIRE:	4W + G				TOTAL CONNECTED LOAD:	92.8	111.6
AIC AVAILABLE:	5982 A				TOTAL ESTIMATED DEMAND:	100.2	120.6
AIC RATING:	22000 A						

(2)

EXISTING H2DPQHA DISTRIBUTION PANEL 400A 480Y/277V 4W+G

NEW — NEW — NEW — NEW

1 — 2 — 3

40/3 — 125/3 — 25/3 — 50/3 THERM MAG — 25/3 THERM MAG — 15/3 THERM MAG — 15/3 THERM MAG — 15/1 SPARE — 45/3 SPARE — 15/3 SPARE — 15/3 SPARE — 15/3 SPARE

3#6, 1#10 G, 3/4" C — 10 M — 3#12, 1#12G, 3/4"C

EXIST THMQLA 15KVA XFMR — EXIST HMQLA

EXIST VFD — EXIST AHU-5

EXIST VFD — EXIST RAF-5

CNTRL — NEW VFD DIV. 23 — NEW VFD DIV. 23 — NEW VFD 30/√3 — 10 M

15 NEW AHU-1 AVAIL. AMPS: 327EA — 15 NEW AHU-1 — 10 NEW RAF-1 AVAIL. AMPS: 191EA

NEW HOA DIV. 23 — NEW 30/√3 — 0.25 NEW IRF-9 AVAIL. AMPS: 125?A

NEW HOA DIV. 23 — NEW 30/√3 — 0.25 NEW DEF-1 AVAIL. AMPS: 125?A

3#12, 1#12G, 3/4"C

EXIST: 'H1DPCL1' LOAD SUMMARY

BRANCH:	CRITICAL	LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS	kVA	AMPS
EQUIPMENT TYPE:	DIST. PANELBOARD	LIGHT	3,373	4,216			
BUSS RATING:	400 A	MISC	1,200	1,200	EXISTING CONNECTED LOAD:	95.4	201
PANEL LUGS:	MCB	RCPT	59,620	34,910	REMOVED CONNECTED LOAD:	9	24.9
VOLTAGE:	120/208 WYE				ADDED CONNECTED LOAD:	64.2	178.2
WIRE:	4W + G				TOTAL CONNECTED LOAD:	140.6	404.2
AIC AVAILABLE:	9327 A				TOTAL ESTIMATED DEMAND:	121.7	337.7
AIC RATING:	10000 A						

(2)

EXISTING H1DPCL1 DISTRIBUTION PANEL 400A 208Y/120V 4W+G

NEW

400/3 — 100/3 — 150/3 — 150/3 — 150/3 — 150/3 — 100/3 — 100/3 — 150/3 — 200/3 150/3 ELEC TRIP — (B)

150 A — 150 A

EXIST H1CLA — EXIST H1CLB — EXIST — EXIST H1CLC — EXIST — NEW H1CLD — NEW — SPD

EXIST H1CLE — EXIST — EXIST H1CLF — EXIST H1CLG — EXIST H1CLH — EXIST — NEW H1CLJ — NEW — SPD

EXIST: 'HCPDPLH1' LOAD SUMMARY

BRANCH:	LIFE SAFETY	LOAD CLASSIFICATION	CONNECTED LOAD (VA)	ESTIMATED LOAD (VA)	PANEL TOTALS	kVA	AMPS
EQUIPMENT TYPE:	DIST. PANELBOARD	LIGHT	1,979	2,474			
BUSS RATING:	200 A	MISC	1,900	1,900	EXISTING CONNECTED LOAD:	53.7	64.6
PANEL LUGS:	MCB				REMOVED CONNECTED LOAD:	0	0
VOLTAGE:	480/277 WYE				ADDED CONNECTED LOAD:	3.9	4.7
WIRE:	4W + G				TOTAL CONNECTED LOAD:	57.6	69.3
AIC AVAILABLE:	19683 A				TOTAL ESTIMATED DEMAND:	58.1	69.9
AIC RATING:	65000 A						

(1)

EXISTING HCPDPLH1 DISTRIBUTION PANEL 150A 480Y/277V 4W+G

40/2 — 90/3 — 60/3 — 100/3 90/3 — 20/1 20/1

EXIST THCPLLA 15KVA XFMR — EXIST TH1LLB 30KVA XFMR — SITE LIGHTING — EXIST D1TH3LLA 100/90/3

EXIST 100/90/3 — EXIST TH3LLA 45KVA XFMR

EXIST HCPLLA — EXIST HCPLLB — EXIST TH1LLA 45KVA XFMR

EXIST H3LLA — SPD

EXIST H1LLA

EXIST H2LLA

TO HMSBA — DPM — EXIST ATS-11 HCPQCHLR 800A

EXISTING HCPQCHLR DISTRIBUTION PANEL 800A 480/277V 4W+G

700/3 700/3 — 200/3 125/3 — 15/3 15/3 — 60/3 SPARE — 60/3

EXIST VFD — EXIST VFD — EXIST 30/√3 — EXIST THCPQLCHLR

EXIST CH-3 — EXIST CHWP-3 — EXIST FCU-CP-7

EXIST HCPQL CHLR

ED EXPANSION

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

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DATE: 04/18/25
SCALE: 1/8" = 1'-0"
DRAWN: WSP
REVIEWED: WSP
JOB NUMBER: US0040241.3707

ONE LINE DIAGRAM - EMERGENCY - NEW

E06-04

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

STATE OF MISSOURI — ANDY SUAN WHEELER — NUMBER PE-2017000125 — PROFESSIONAL ENGINEER — 06/05/2025

WSP USA Buildings Inc. 2013001681

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6/20/2025 10:29:02 AM

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	EMS, 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	
B1	2' x 4' LED ACRYLIC LENSED PREMIUM TROFFER	SOILED, CLEAN SUPPLY	22 GA. STEEL HOUSING	#12 TRANSMISSIVE 0.125" LENS	HINGED AND LATCHED FROM EITHER SIDE, ENCLOSED SPRING LOADED CAM LATCH, WHITE REGRESSED ALUMINUM DOOR WITH MITERED CORNERS	PAINTED AFTER FABRICATION	RECESSED GYPSUM BOARD OR LAY IN CEILING	4,000	LED	4,800	72000	36	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#2GTL 4 48L RW EZ1 LP840 PAF	
B2	2' x 4' LED ACRYLIC LENSED PREMIUM TROFFER	EXAM, TRIAGE, NOUR, NURSE, MEDS	22 GA. STEEL HOUSING	#12 TRANSMISSIVE 0.125" LENS	HINGED AND LATCHED FROM EITHER SIDE, ENCLOSED SPRING LOADED CAM LATCH, WHITE REGRESSED ALUMINUM DOOR WITH MITERED CORNERS	PAINTED AFTER FABRICATION	RECESSED GYPSUM BOARD OR LAY IN CEILING	4,000	LED	6,600	72000	48	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#2GTL 4 60L RW EZ1 LP840 PAF	
B4	2' x 4' LED ACRYLIC LENSED PREMIUM TROFFER, WET LOCATION LISTED	DECONTAM	20 GA. STEEL HOUSING	DIFFUSED ACRYLIC	0.060 PAINTED ALUMINUM DOOR FRAM	PAINTED AFTER FABRICATION	RECESSED GYPSUM BOARD OR LAY IN CEILING	4,000	LED	4,800	72000	41	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#WRTL X L48 5000LM OAW AFL MVOLT EZ140K 80CRI	
D1	2' x 2' LED VOLUMETRIC TROFFER	RESTROOM	ONE PIECE STEEL	ACRYLIC LINEAR PRISMATIC DIFFUSER	WHITE REGRESSED ALUMINUM DOOR	MATTE WHITE POWDERCOAT	RECESSED GYPSUM BOARD OR LAY IN CEILING	4,000	LED	3,300	60000	26	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#2VTL2 33L 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	
J2	4'-0" LED LOW PROFILE LENSED STRIPLIGHT WITH DROP LENS FOR 10% UPLIGHT	ELECTRICAL ROOM	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	7,600	50000	59	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#2L1D L48 SMR 7000LM FST MVOLT 40K 80CRI WH PAF	
L3	LED VANITY SCONCE, 24" LENGTH, DIRECT-INDIRECT LIGHT	TOILET ROOMS	N/A	N/A	N/A	BRUSHED ALUMINUM FINISH	WALL MOUNTED, REFER TO ARCHITECTURAL FOR MOUNTING HEIGHT	4,000	LED	1,932	60000	20	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	WINONA	#WFW4608 24LONG LED/X2 40K MVOLT OAE BA MEZ126783-MOD	
M2	6" LED DOWNLIGHT WITH 45 DEGREE CUT OFF	ALCOVE, RECEP, NURSE/CORR	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	1,500	60000	15	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	GOTHAM	#EVO6 40/15 AR MWD LSS MVOLT GZ10	
M4	6" LED DOWNLIGHT WITH 45 DEGREE CUT OFF	PATIENT/EXAM ROOM	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	
R2	6" LED SHOWER LIGHT, IP 65 RATED	RESTROOM	20 GA. STEEL HOUSING	ALUMINUM DIE CAST REFLECTOR	REGRESSED PRISMATIC LENS	SPECULAR CLEAR ALZAK REFLECTOR FINISH	RECESSED GYPSUM BOARD OR LAY IN CEILING, VERIFY CEILING TYPE BEFORE ORDERING	4,000	LED	1,000	60000	12	EACH	LED DRIVER	120	GOTHAM	#EVO6 40/10 DFR MVOLT EZ1	
W1	2' x 4' LED ACRYLIC LENSED PREMIUM TROFFER	TRAUMA	20 GA. STEEL HOUSING	#12 TRANSMISSIVE 0.125" LENS	HINGED AND LATCHED FROM EITHER SIDE, ENCLOSED SPRING LOADED CAM LATCH, WHITE REGRESSED ALUMINUM DOOR WITH MITERED CORNERS	PAINTED AFTER FABRICATION	RECESSED GYPSUM BOARD OR LAY IN CEILING	4,000	LED	11,100	72000	83	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#2GTL 4 100L A12125 EZ1 LP840 ABC	
W1E	2' x 4' LED ACRYLIC LENSED PREMIUM TROFFER WITH BATTERY BACKUP	TRAUMA	20 GA. STEEL HOUSING	#12 TRANSMISSIVE 0.125" LENS	HINGED AND LATCHED FROM EITHER SIDE, ENCLOSED SPRING LOADED CAM LATCH, WHITE REGRESSED ALUMINUM DOOR WITH MITERED CORNERS	PAINTED AFTER FABRICATION	RECESSED GYPSUM BOARD OR LAY IN CEILING	4,000	LED	11,100	72000	83	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	LITHONIA	#2GTL 4 100L A12125 EZ1 LP840 ABC E10W	
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	3	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	3	EACH	N/A	120	LITHONIA	#LRP 2 RMR 120/277	

EXTERIOR 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
M3	6" LED DOWNLIGHT WITH 45 DEGREE CUT OFF	CANOPY	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	4,000	60000	15	EACH	LED DRIVER - LINEAR DIMMING 0-10V DOWN TO 1%	120	GOTHAM	#EVO6 40/40 AR LSS MWD MVOLT GZ10	
Z1	LED TRAPEZOIDAL WALL PACK WITH PHOTOCELL, WIDE DISTRIBUTION	EXTERIOR	DIE CAST ALUMINUM, DIE-CAST DOOR FRAME. WITH SOLID SILICONE GASKET, IP65	N/A	FULL CUTOFF	THERMOSET POWDER COAT FINISH, DARK BRONZE, CONFIRM WITH ARCHITECT	WALL MOUNTED, REFER TO ARCHITECTURAL FOR MOUNTING HEIGHT	4,000	N/A	1,500	100000	11	EACH	LED DRIVER	120	LITHONIA	#WST LED P1 40K VW MVOLT PE DDBXD	

LIGHTING CONTROL SEQUENCE OF OPERATIONS

TAG	SPACE TYPES	CONTROL		MANUAL CONTROL / OVERRIDE		OCCUPANCY SENSOR		PHOTOCELL
		CONTROL DESCRIPTION	CONTROL SYSTEM TYPE	DURATION	DEVICE LOCATION	SET POINT		
1	PUBLIC AREAS, RECEPTION	MANUAL ON TO 100%, MANUAL OFF, DIMMING VIA MANUAL CONTROLS	STAND-ALONE	LINE VOLTAGE SWITCH; N/A	N/A	N/A		N/A
2	RESTROOMS/TOILET	AUTO ON TO 100%, AUTO OFF, MANUAL ON/OFF/DIM	STAND-ALONE	LINE VOLTAGE SWITCH; 20 MINUTES	DUAL-TECH WALL	AUTO ON/DIM; 20 MIN SET POINT		N/A
3	ENCLOSED ROOMS (SMALL OFFICE, NOURISH, SUPPORT, ETC)	AUTO ON TO 50%, MANUAL ON TO 100%/OFF/DIM, AUTO OFF	STAND-ALONE	LINE VOLTAGE SWITCH; 20 MINUTES	DUAL-TECH WALL	AUTO ON 50%, AUTO OFF; 20 MIN SET POINT		CEILING MOUNTED IN DAYLIGHT ZONES OVER 150W, 1 MIN FAD RATE
4	EXAM RMS, NURSE STATION, CORRIDORS	MANUAL ON TO 100%, MANUAL OFF, DIMMING VIA MANUAL CONTROLS	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 SWITCH; 20 MINUTES	DUAL-TECH CEILING	AUTO ON 50%, AUTO OFF; 20 MIN SET POINT		CEILING MOUNTED IN DAYLIGHT ZONES OVER 150W, 1 MIN FAD RATE
6	EXTERIOR CANOPIES	PHOTOCELL 100% ON AT DUSK, TIME-CLOCK DIM AT DAWN	LIGHTING CONTROL PANEL	N/A	N/A	N/A		CANOPY MOUNTED
7	ELEC/MECH/COMM RMS	MANUAL 'ON' TO 100%, MANUAL 'OFF'	STAND-ALONE	LINE VOLTAGE SWITCH; N/A	N/A	N/A		N/A

DEMAND FACTOR TABLE

LOAD TYPES	FACTORS										NEC REFERENCE
LIGHTS	1.00										220.42
RECEPTACLES	0-10kVA	>10kVA									
	1.00	0.50									220.44
MOTORS	MAX	ALL OTHERS									
	1.25	1.00									220.50 & 430.24
HOSPITAL	0-50kVA	>50kVA									
	0.40	0.20									220.42 & 220.44
X-RAY	1 PIECE OF EQUIPMENT		OVER 1 PIECE OF EQUIPMENT								
	1		1	2	3 or more						
	1.00		0.50	0.25	0.10						517.73(2)
ELEVATOR	1	2	3	4	5	6	7	8	9	10 or more	
	1.00	0.95	0.9	0.85	0.82	0.79	0.77	0.75	0.73	0.72	620.14
KITCHEN	1	2	3	4	5	6 or more					
	1.00	1.00	0.90	0.80	0.70	0.65					220.56
HEAT	1.00										220.51
MISCELLANEOUS	1.00										210.19

MOTOR SCHEDULE
480 VOLT 3 PHASE

MOTOR TAG	HP	FLA	CB	FEEDER DESCRIPTION
5.M	5	7.6	15	3#12, 1#12 G, 3/4" C
7.5.M	7-1/2	11	20	3#12, 1#12 G, 3/4" C
10.M	10	14	25	3#12, 1#10 G, 3/4" C
15.M	15	21	40	3#10, 1#10 G, 3/4" C
20.M	20	27	50	3#8, 1#10 G, 3/4" C
25.M	25	34	60	3#6, 1#10 G, 3/4" C
30.M	30	40	70	3#6, 1#8 G, 3/4" C
40.M	40	52	100	3#4, 1#8 G, 1" C
50.M	50	65	125	3#3, 1#6 G, 1-1/4" C
60.M	60	77	150	3#1, 1#6 G, 1 1/4" C
75.M	75	96	175	3#1, 1#6 G, 1 1/4" C
100.M	100	124	225	3#2/0, 1#4 G, 2" C
125.M	125	156	300	3#3/0, 1#4 G, 2" C
150.M	150	180	350	3#4/0, 1 #3 G, 2" C
200.M	200	240	450	3#350KCM, 1#2 G, 2-1/2" C

COPPER FEEDER SCHEDULE
600V MAX.

FEEDER TAG & AMPERE RATING	FEEDER DESCRIPTION
15.3, 20.3 15.4, 20.4	3#12, 1#12 G, 3/4" C 3#12, 1#12 N, 1#12 G, 3/4" C
25.3, 30.3 25.4, 30.4	3#10, 1#10 G, 3/4" C 3#10, 1#10 N, 1#10 G, 3/4" C
35.3, 40.3 35.4, 40.4	3#8, 1#10 G, 3/4" C 3#8, 1#8 N, 1#10 G, 3/4" C
45.3, 50.3 45.4, 50.4	3#6, 1#10 G, 3/4" C 3#6, 1#6 N, 1#10 G, 1" C
60.3 60.4	3#4, 1#10 G, 1" C 3#4, 1#4 N, 1#10 G, 1 1/4" C
70.3 70.4	3#4, 1#8 G, 1" C 3#4, 1#4 N, 1#8 G, 1-1/4" C
80.3 80.4	3#3, 1#8 G, 1-1/4" C 3#3, 1#3 N, 1#8 G, 1-1/4" C
90.3 90.4	3#2, 1#8 G, 1-1/4" C 3#2, 1#2 N, 1#8 G, 1-1/4" C
100.3 100.4	3#1, 1#8 G, 1-1/4" C 3#1, 1#1 N, 1#8 G, 1-1/2" C
110.3 110.4	3#1, 1#6 G, 1-1/4" C 3#1, 1#1 N, 1#6 G, 1-1/2" C
125.3, 150.3 125.4, 150.4	3#1/0, 1#6 G, 1-1/2" C 3#1/0, 1#1/0 N, 1#6 G, 2" C
175.3 175.4	3#2/0, 1#6 G, 2" C 3#2/0, 1#2/0 N, 1#6 G, 2" C
200.3 200.4	3#3/0, 1#6 G, 2" C 3#3/0, 1#3/0 N, 1#6 G, 2" C
225.3 225.4	3#4/0, 1#4 G, 2" C 3#4/0, 1#4/0 N, 1#4 G, 2-1/2" C
250.3 250.4	3#250KCM, 1#4 G, 2-1/2" C 3#250KCM, 1-250KCM N, 1#4 G, 2-1/2" C
300.3 300.4	3#350KCM, 1#4 G, 2-1/2" C 3#350KCM, 1-350KCM N, 1#4 G, 3" C
350.3 350.4	3#500KCM, 1#3 G, 3" C 3#500KCM, 1-500KCM N, 1#3 G, 3-1/2" C
400.3 400.4	2 SETS EACH OF [3#3/0, 1#3 G, 2" C] 2 SETS EACH OF [3#3/0, 1#3/0 N, 1#3 G, 2-1/2" C]
450.3 450.4	2 SETS EACH OF [3#4/0, 1#2 G, 2" C] 2 SETS EACH OF [3#4/0, 1#4/0 N, 1#2 G, 2-1/2" C]
500.3 500.4	2 SETS EACH OF [3#250KCM, 1#2 G, 2-1/2" C] 2 SETS EACH OF [3#250KCM, 1#250KCM N, 1#2 G, 2-1/2" C]
600.3 600.4	2 SETS EACH OF [3#350KCM, 1#1 G, 2-1/2" C] 2 SETS EACH OF [3#350KCM, 1#350KCM N, 1#1 G, 3" C]
700.3 700.4	2 SETS EACH OF [3#500KCM, 1#1/0 G, 3" C] 2 SETS EACH OF [3#500KCM, 1#500KCM N, 1#1/0 G, 3-1/2" C]
800.3 800.4	3 SETS EACH OF [3#300KCM, 1#1/0 G, 3" C] 3 SETS EACH OF [3#300KCM, 1#300KCM N, 1#1/0 G, 3" C]
900.3 900.4	3 SETS EACH OF [3#350KCM, 1#2/0 G, 3" C] 3 SETS EACH OF [3#350KCM, 1#350KCM N, 1#2/0 G, 3" C]
1000.3 1000.4	3 SETS EACH OF [3#400KCM, 1#2/0 G, 3" C] 3 SETS EACH OF [3#400KCM, 1#400KCM N, 1#2/0 G, 3" C]
1200.3 1200.4	4 SETS EACH OF [3#350KCM, 1#3/0 G, 3" C] 4 SETS EACH OF [3#350KCM, 1#350KCM N, 1#3/0 G, 3" C]
1400.3 1400.4	4 SETS EACH OF [3#500KCM, 1#4/0 G, 3" C] 4 SETS EACH OF [3#500KCM, 1#500KCM N, 1#4/0 G, 3-1/2" C]
1600.3 1600.4	5 SETS EACH OF [3#400KCM, 1#4/0 G, 3" C] 5 SETS EACH OF [3#400KCM, 1#400KCM N, 1#4/0 G, 3" C]
2000.3 2000.4	6 SETS EACH OF [3#400KCM, 1#250KCM G, 3" C] 6 SETS EACH OF [3#400KCM, 1#400KCM N, 1#250KCM G, 3" C]
2500.3 2500.4	7 SETS EACH OF [3#500KCM, 1#350KCM G, 3-1/2" C] 7 SETS EACH OF [3#500KCM, 1#500KCM N, 1#350KCM G, 3-1/2" C]
3000.3 3000.4	8 SETS EACH OF [3#500KCM, 1#400KCM G, 3" C] 8 SETS EACH OF [3#500KCM, 1#500KCM N, 1#400KCM G, 3-1/2" C]
4000.3 4000.4	11 SETS EACH OF [3#500KCM, 1#500KCM G, 3-1/2" C] 11 SETS EACH OF [3#500KCM, 1#500KCM N, 1#500KCM G, 3-1/2" C]

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

WSP

300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

STATE OF MISSOURI
ANDY SUSAN WHEELER
NUMBER PE-2017000125
PROFESSIONAL ENGINEER

06/05/2025
WSP USA Buildings Inc. 2013001881

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ED EXPANSION

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

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

DATE:	04/18/25
SCALE:	N.T.S.
DRAWN:	WSP
REVIEWED:	WSP
JOB NUMBER:	US0040241.3707

SCHEDULES - ELECTRICAL

E08-01

6/20/2025 10:29:04 AM Autodesk Docs://[6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/MEP_LSMC ED Expansion_R23.rvt

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
EXAMPLE	C - CEILING F - FLUSH M - MULLION R - RACK T - TURNSTILE	D - DESK H - HIDDEN P - POLE S - SURFACE 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 I - ICLASS M - MAGSTRIPE		H - ELEVATOR HALL CALL P - PROXIMITY W - WIEGAND	D1	48" AFF
BR	**BIOMETRIC ACCESS READER** F - FINGERPRINT I - IRIS V - VOICE		H - HAND GEOMETRY R - RETINA	D1	48" AFF
CK	**CARD ACCESS READER W/ KEYPAD** B - BARCODE F - ELEVATOR FLOOR CALL I - ICLASS M - MAGSTRIPE		S - SMART CARD H - ELEVATOR HALL CALL P - PROXIMITY W - WIEGAND DUAL PUSH BUTTON	D1	48" AFF
KP	**KEYPAD** D - DRY CONTACT		W - WIEGAND	D1	48" AFF
PB	**PUSH BUTTON** D- DIRECT POWER DROP		X - REQUEST TO EXIT	D2	48" AFF
RR	**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	**KEY SWITCH** A - ALTERNATE ACTION K - KEYED ALIKE LD - LED		IC - INTERCHANGEABLE CORE L- LATCHING 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
EXAMPLE	C - CEILING M - MULLION PE - PENDANT T - TURNSTILE	D - DESK P - POLE R - RACK W - WALL	F - FLUSH PA- PARAPET S - SURFACE CO- CORNER	- SPECIFIC TO DEVICE - CAN BE MULTIPLE - SHOWN BELOW FOR EACH CAMERA ZZZ = FIELD OF VIEW	XX	
	STATIONARY CAMERA E - ENVIRONMENTAL P - POE V - VANDAL RESISTANT		C - COVERT D - DOME F - FISHEYE			AS REQD.
	PAN/TILT/ZOOM CAMERA B - BOX P - POE V - VANDAL RESISTANT		E - ENVIRONMENTAL D - DOME			AS REQD.
	2 SENSOR CAMERA E - ENVIRONMENTAL D - DOME		P - POE V - VANDAL RESISTANT			
	3 SENSOR CAMERA E - ENVIRONMENTAL D - DOME		P - POE V - VANDAL RESISTANT			AS REQD.
	4 SENSOR CAMERA E - ENVIRONMENTAL D - DOME		P - POE V - VANDAL RESISTANT			AS REQD.
	MONITOR D - DESKTOP R - RECESSED		S - SWING ARM T - WITH TILT	W - WALL MOUNT	D2	AS REQD.
NVR	**VIDEO RECORDER** D - DVR		N - NVR			AS REQD.
SW	**SWITCH** K - KEY SWITCH P - PUSH BUTTON		T - TOGGLE		D2	AS REQD.
PS	**POWER SUPPLY** A - 12VDC B - 24VAC		P - POE			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.

NURSE CALL 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)
NM	NURSE CALL CONSOLE (GRAPHICAL STAFF CONSOLE, DESK MT. - GRS10)	AA	NOTE#3
RK	37 PIN BED CONNECTOR OUTLET (AUDIO STATION BED CONNECTOR)	BB	18" AFF
D	DOME LIGHT. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION OF DOME LIGHT. MAY BE CEILING MOUNTED OR WALL MOUNTED.	DD	CEILING OR WALL MOUNT
2	ZONE DOME LIGHT. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION OF DOME LIGHT. MAY BE CEILING MOUNTED OR WALL MOUNTED.	DD	CEILING OR WALL MOUNT
DS	DOME LIGHT - SINGLE BULB. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION OF DOME LIGHT. MAY BE CEILING MOUNTED OR WALL MOUNTED.	DD	CEILING OR WALL MOUNT
KS	KEY SWITCH (ENABLE/DISABLE)	BB	48" AFF
1J	SINGLE JACK AUXILIARY ALARM INPUT STATION (EQUIPMENT RECEPTACLE)	BB	48" AFF
2J	DUAL JACK AUXILIARY ALARM INPUT STATION (EQUIPMENT RECEPTACLE)	BB	48" AFF
6J	SIX JACK AUXILIARY ALARM INPUT STATION (EQUIPMENT RECEPTACLE)	BB	48" AFF
CB	SINGLE PUSH BUTTON/SWITCH STATION - CODE BLUE	BB	48" AFF
EP	EMERGENCY PUSH BUTTON/SWITCH STATION - STAFF EMERGENCY/BATH	BB	48" AFF
RA	REMOTE AUDIO DEVICE W/CODE BLUE	BB	48" AFF
PA	EMERGENCY PUSH BUTTON/SWITCH STATION W/AUDIO - STAFF EMERGENCY/BATH	BB	48" AFF
CP	SINGLE PUSH BUTTON/SWITCH STATION - CODE PINK	BB	48" AFF
SP	SINGLE PATIENT STATION: STANDARD ROOM STATION W/O CODE BLUE LEVER - (SRS or GRS)	CC	48" AFF
SPCB	SINGLE PATIENT STATION: STANDARD ROOM STATION W/ CODE BLUE LEVER - (SRS or GRS) (DEVICE EQUIPPED WITH STAFF ASSIST/CODE BLUE)	CC	48" AFF
D	DUTY STATION - STANDARD ROOMS STATION W/O CODE BLUE (SRS)	CC	48" AFF
RCB	ROOM CONTROL BOARD MOUNTED MINIMUM OF 6" ABOVE FINISHED CEILING	FF	ABOVE ACCESSIBLE CEILING
TVI	NURSE CALL - TELEVISION CROSS ROOM CONTROL CONNECTION	NOTE#3	NA
TVC	CURBELL WALL MOUNTED REMOTE ENTERTAINMENT STATION	BB	NA
LL	NURSE CALL - OVERBED LIGHT LIGHTING CONNECTION	BB	NA
NSCSER	NURSE CALL NETWORK SWITCH MOUNTED INTO VENDOR RACK.	NA	NA

NURSE CALL BACK BOX SCHEDULE

SYMBOL	DESCRIPTION
AA	DOUBLE GANG BACK BOX, 2 1/8" DEEP, WITH SINGLE GANG DEVICE COVER AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.
BB	DOUBLE GANG BACK BOX, 3 1/2" DEEP, WITH SINGLE GANG DEVICE COVER AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.
CC	3 DEVICE BACK BOX, NON GANGABLE, 3 1/2" DEEP AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.
DD	DOUBLE GANG BACK BOX, 3 1/2" DEEP, AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE. CONFIRM WITH SYSTEM VENDOR FOR DEVICE RING SIZE FOR THIS DEVICE.
EE	DOUBLE GANG BACK BOX, 2 1/8" DEEP, WITH BLANK COVER PLATE AND 1" CONDUIT PATHWAY STUBBED ABOVE ACCESSIBLE CEILING SPACE.
FF	12" X 12" X 4" STEEL BOX ENCLOSURE MOUNTED ABOVE ACCESSIBLE CEILING SPACE. ENCLOSURE PROVIDED BY NURSE CALL VENDOR.

NURSE CALL CABLE SCHEDULE

SYMBOL	DESCRIPTION	MODEL # (BELDEN)
A	4 PAIR CAT 5/5E 24AWG - NURSE CALL DATA CABLE	1583A
B	2 CONDUCTOR 12AWG - NURSE CALL POWER	5000UE
C	3 CONDUCTOR 22AWG, TV AND LOW VOLTAGE LIGHT RELAY	5501UE
F	6 STRAND MULTIMODE FIBER; ARMORED	B9B240

NURSE CALL NOTES:
1. REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF ALL DEVICES.
2. NURSE CONSOLE RECEPTACLE SHALL BE MOUNTED AT 18" AFF, UNLESS OTHERWISE NOTED, AND THE ACTUAL DEVICE SHALL RESIDE ON THE COUNTERTOP.
3. TV CONTROL OUTLET SHALL BE MOUNTED IN SAME BACK BOX AS THE TV COAX/DATA CABLE.

GENERAL SYMBOLS LEGEND

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	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

OUTLET 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 (MEDS, PTS, ETC.) CALLING OUT EQUIPMENT SERVED BY OUTLET. SEE ABBREVIATIONS FOR REFERENCE.
6. "V" AND "D" DESIGNATIONS MAY NOT BE USED IF FACILITY UTILIZES VoIP TELEPHONES, IN WHICH CASE ALL CABLING SHALL BE INSTALLED AS NETWORK CABLING WITHIN THE SAME PATCH PANELS.

MONITOR OUTLET 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
SEC/#D	SECURITY TRACKER MONITOR: #=CABLE QUANTITY	D	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
PTV/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.
6. "V" AND "D" DESIGNATIONS MAY NOT BE USED IF FACILITY UTILIZES VoIP TELEPHONES, IN WHICH CASE ALL CABLING SHALL BE INSTALLED AS NETWORK CABLING WITHIN THE SAME PATCH PANELS.

ABBREVIATIONS

ACP	ACCESS CONTROL PANEL
AFC	ABOVE FINISHED COUNTER
AFF	ABOVE FINISHED FLOOR
AHU	AUTHORITY HAVING JURISDICTION
AMP	OVERHEAD PAGING AMPLIFIER
AV	AUDIO VISUAL DEVICE/EQUIP (COORDINATE OUTLET INSTALLATION WITH AV VENDOR)
BAS/BMS	BUILDING AUTOMATION/MANAGEMENT SYSTEM (COORDINATE OUTLET INSTALLATION WITH BMS 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
EV	ELECTRIC VEHICLE CHARGING STATION
(EX)	EXISTING
FM	FETAL MONITORING
HUGS	INFANT PROTECTION SYSTEM
IDF	INTERMEDIATE DISTRIBUTION FRAME (SEE TDR)
INFO	INFORMATION MONITOR
JS	"JUMPSTART" DEVICE (MOUNTED NEXT TO KRONOS TIME CLOCK. MOUNT AT 48" AFF)
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 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)
PTV	PATIENT TELEVISION
RTLS	REAL-TIME LOCATING SYSTEM
TC	EMPLOYEE TIME CLOCK (MOUNTED AT 48" AFF)
TDR	TELECOMMUNICATIONS DISTRIBUTION ROOM (SEE IDF)
TEC	TELECOMMUNICATIONS EQUIPMENT CENTER (SEE MDF)
TELE	TELEMETRY SYSTEM
TRK	TRACKER MONITOR
TV	TELEVISION
UNO/UON	UNLESS NOTED OTHERWISE/UNLESS OTHERWISE NOTED
W	WALL PHONE (MOUNTED AT 48" AFF)
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 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 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 Z	PA AMPLIFIER: Z = ZONE NUMBER M = MOUNT	M: W = WALL SHELF R = RACK/CABINET	NA
PAHE 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.

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.

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 MANUFACTURERS 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

GENERAL NOTES:

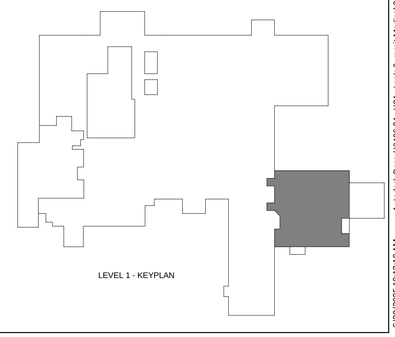
A. ALL EXISTING DEVICES MAY NOT BE SHOWN ON PLAN. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND COORDINATE WITH ARCHITECTURAL PLANS AND OTHER TRADES TO DETERMINE THE OUTCOME OF EACH DEVICE. WHERE NO CONSTRUCTION IS TO OCCUR, EXISTING DEVICES SHALL BE PROTECTED IN PLACE AND REMAIN IN OPERATION 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. REMOVED EQUIPMENT SHALL BE THE PROPERTY OF THE OWNER UNLESS SPECIFIED OTHERWISE BY EITHER THE CONSTRUCTION DOCUMENTS OR THE OWNER. DEMOLITION MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL MANNER.
G. 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.
H. 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.
I. EXISTING CABLING THAT IS TO REMAIN THAT WILL BE ROUTING THROUGH NEW WALL PARTITIONS, SHALL BE FITTED WITH A PRE-MANUFACTURED SPLIT SLEEVE DEVICE, FASTENED AROUND THE CABLING THAT IS EXISTING TO REMAIN. SLEEVE PENETRATION SHALL BE FIRE-STOPPED TO MANUFACTURER'S SPECIFICATIONS TO MEET OR EXCEED THE WALL RATING THAT IS BEING PENETRATED.
J. EXISTING CEILING MOUNTED DEVICES (WAPS, DAS ANTENNAS, TELEMETRY MONITORING ANTENNAS, ETC.) WITHIN DEMO AREAS THAT ARE TO BE REUSED, SHALL BE DOCUMENTED OF CURRENT LOCATION, REMOVED, CLEANED, STORED AND REINSTALLED INTO NEW CEILINGS AT LOCATION PREVIOUSLY DOCUMENTED. COORDINATE WITH G.E. SYSTEM VENDOR FOR REMOVAL, RELOCATION, AND REINSTALLATION OF PATIENT MONITORING/TELEMTRY EQUIPMENT. CONTRACTOR SHALL COORDINATE WITH OWNER'S IT PERSONNEL FOR ALL OTHER SYSTEMS.

LEGEND NOTES:

1. EXISTING DEVICE AND ASSOCIATED CABLING, CONDUIT, AND BACKBOXES WITHIN THIS ROOM/AREA SHALL BE DEMOLISHED TO POINT OF ORIGINATION. EXISTING CABLING REMAINING WITHIN THE CEILINGS THAT ARE NOT TO BE DEMOLISHED SHALL BE SUPPORTED WITH J-HOOKS INSTALLED PER DIVISION 27 SPECIFICATIONS.
2. ANY EXISTING CEILING MOUNTED DEVICES (WAPS, DAS ANTENNAS, TELEMETRY MONITORING ANTENNAS) WITHIN THIS ROOM/AREA, SHALL BE DOCUMENTED OF CURRENT LOCATION, REMOVED, CLEANED, STORED AND REINSTALLED INTO NEW CEILING AT LOCATION PREVIOUSLY DOCUMENTED LOCATION. EXISTING CABLING LOCATED WITHIN AREAS WHERE CEILING IS TO BE REMOVED SHALL BE SUPPORTED WITH J-HOOKS INSTALLED PER DIVISION 27 SPECIFICATIONS.
3. EXISTING DEVICES WITHIN THIS ROOM/AREA SHALL BE DETACHED FROM WALL AND PROTECTED IN PLACE TO ALLOW FOR NEW WALL COVERING TO BE APPLIED. DEVICE FACEPLATES AND NEW LABELING SHALL BE APPLIED TO EXISTING OUTLET JACKS AND REINSTALLED ONTO WALLS AFTER NEW WALL COVERINGS HAVE BEEN INSTALLED. ALL OTHER LOW VOLTAGE DEVICES (NURSE CALL, SECURITY, ETC.) SHALL BE DETACHED, PROTECTED IN PLACE AND REINSTALLED TO PREVIOUS CONDITION. NO DAMAGED OR NON-WORKING DEVICES SHALL BE REPLACED, A REPAIRED, CLEANED AND FUNCTIONAL DEVICE SHALL BE REINSTALLED.
4. EXISTING CABLING WITHIN THIS ROOM SHALL REMAIN AS IS. CONTRACTOR SHALL REMOVE EXISTING FACEPLATES AND OUTLET JACKS AND REPLACE WITH NEW. CONTRACTOR SHALL RESERTIFY EXISTING CABLING PER DIVISION 27 TESTING SPECIFICATIONS.
5. CONTRACTOR SHALL DISCONNECT, CLEAN, AND PROTECT WALL MOUNTED EQUIPMENT FOR SURVEILLANCE EQUIPMENT. CONTRACTOR SHALL CONFIRM EXISTING EQUIPMENT THAT IS NO LONGER IN USE AND REMOVE WALL MOUNTED CABINET. EXISTING MEDIA CONVERTER EQUIPMENT CURRENTLY IN USE SHALL BE RELOCATED TO A NEW WALL MOUNTED VENTED SHELF (CHATSWORTH PART # 40117-719) AT 12" BELOW FINISHED CEILING ON SAME WALL. CONTRACTOR SHALL PROVIDE FACILITY REPRESENTATIVE WITH REMOVED EQUIPMENT FOR DISPOSAL.

GC TO VERIFY THAT BY REMOVING THIS EXISTING PARTITION, IT DOES NOT COMPROMISE THE EXISTING 2-HOUR RATING FOR THE STAIR THAT NEEDS TO BE MAINTAINED

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



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

Consultant:
WSP
300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

STATE OF MISSOURI
MINDY SUSAN WHEELER
NUMBER PE-2011100123
PROFESSIONAL ENGINEER
06/05/2025
WSP USA Buildings Inc. 2013001881

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ED EXPANSION

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2100 SE BLUE PKWY LEE'S SUMMIT, MO 64063

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE
B	DESIGN COORDINATION	2025/06/05

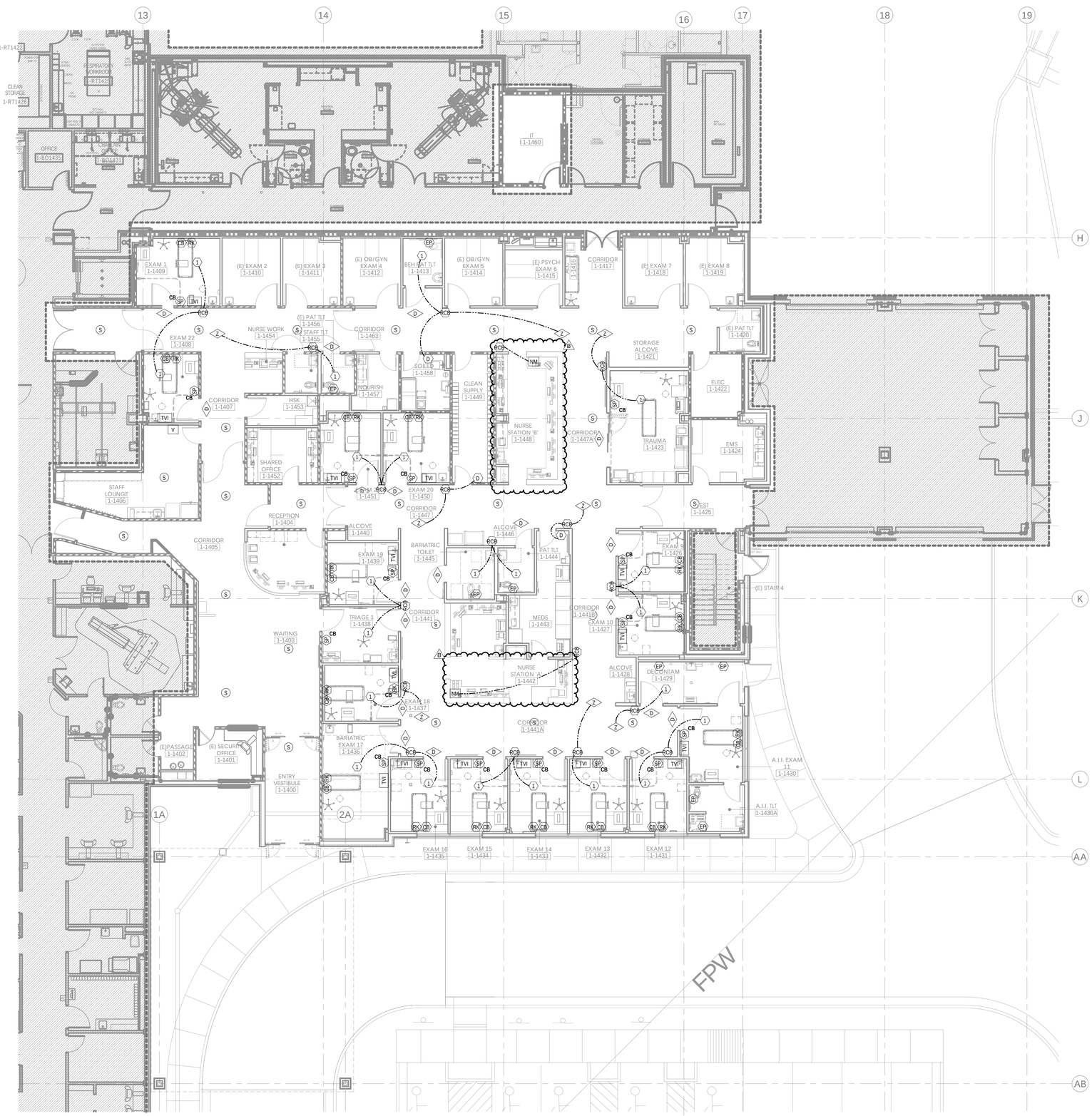
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DEMOLITION PLAN - LEVEL 01 - COMMUNICATIONS

TD02-01

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1 FLOOR PLAN - LEVEL 01 - LOW VOLTAGE
1/8" = 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 TE NURSE CALL HEADEND PANEL/NETWORK SWITCH LOCATION.

LEGEND NOTES

1. LINE SHOWN TO DESIGNATE WHICH ROOM(S) ARE TO BE FED FROM EACH ROOM CONTROL BOARD (RCB) DEVICE.

LEVEL 1 - KEYPLAN

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

WSP

300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

STATE OF MISSOURI
MINDY SUSAN WHEELER
NUMBER PE-2017000125
PROFESSIONAL ENGINEER
06/05/2025
WSP USA Buildings Inc. 2013001881

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2100 SE BLUE PKWY LEE'S SUMMIT, MO 64063

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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

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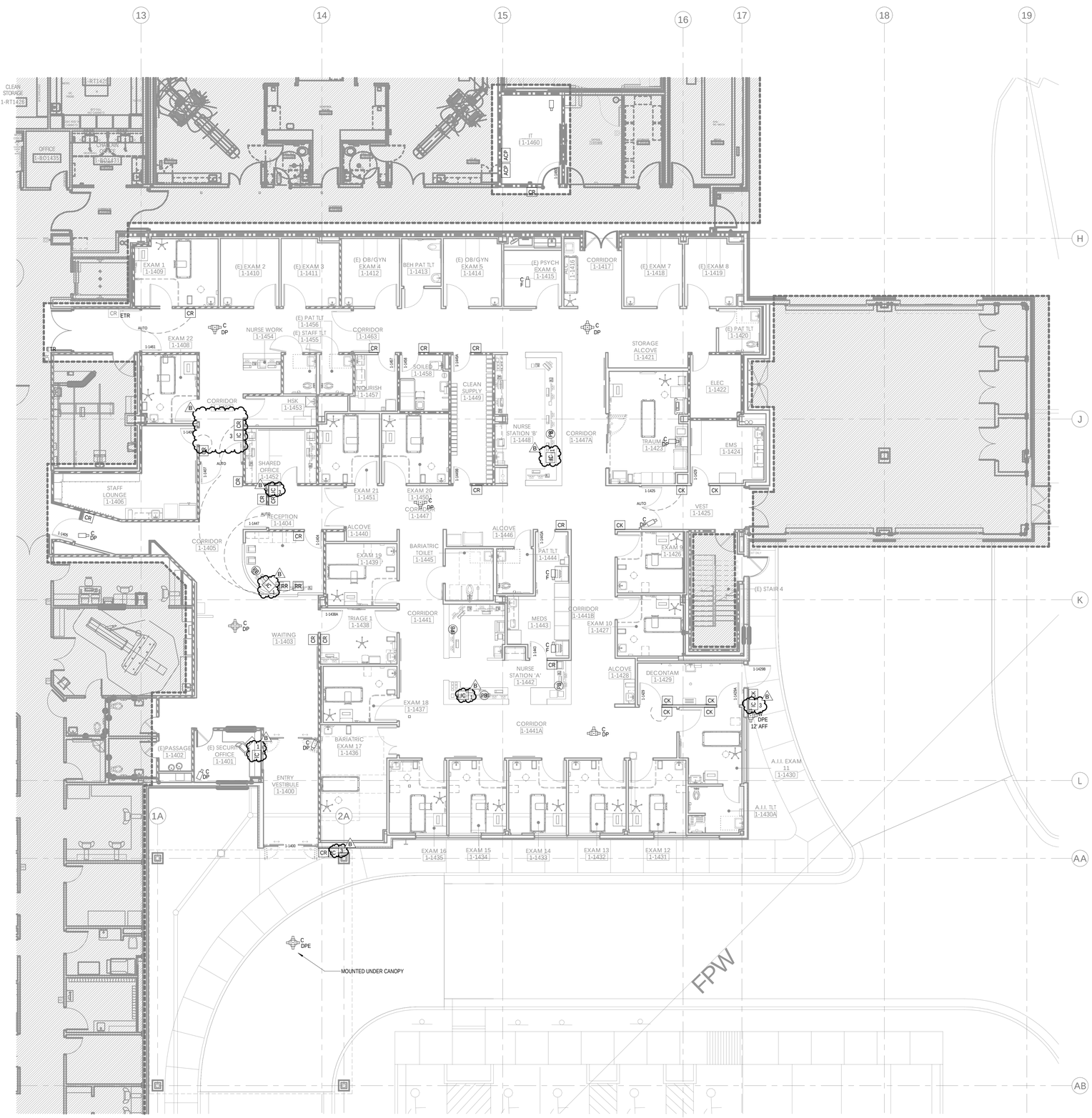
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FLOOR PLAN - LEVEL 01 - LOW VOLTAGE

T03-01

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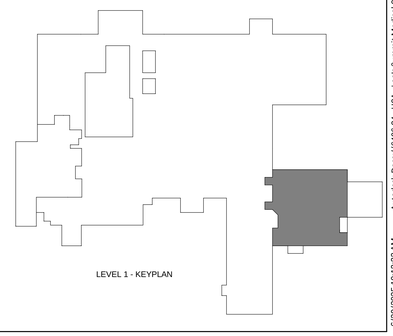
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1 FLOOR PLAN - LEVEL 01 - SECURITY
1/8" = 1'-0"

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.



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

Consultant:
wsp
300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105

STATE OF MISSOURI
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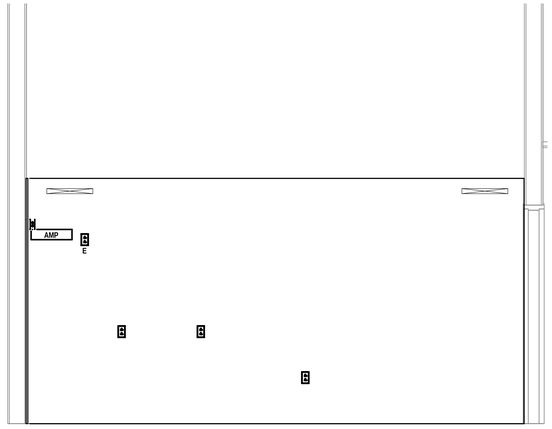
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FLOOR PLAN - LEVEL 01 - SECURITY

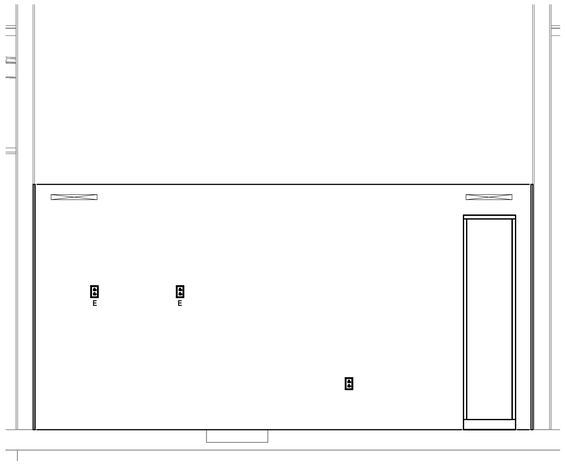
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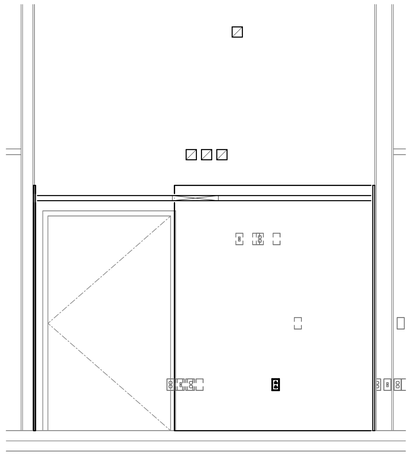
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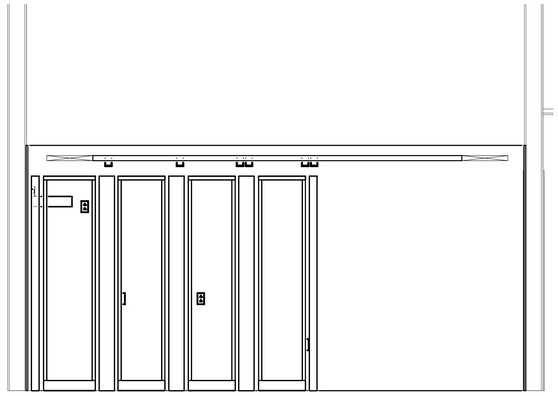
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8 IDF 1-1460 ELEVATION 4
1/2" = 1'-0"



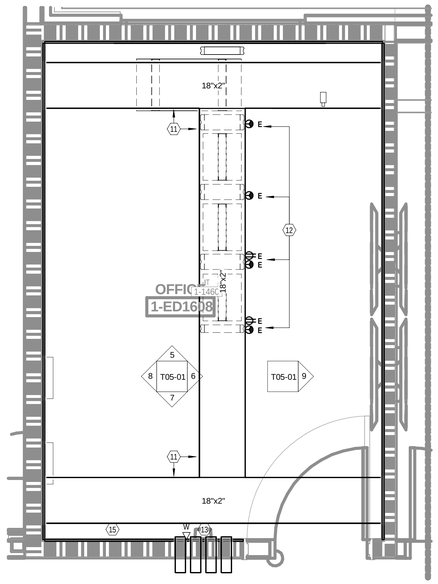
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1/2" = 1'-0"



5 IDF 1-1460 ELEVATION 1
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3 ENLARGED IT 1-1460 - UPPER
1/2" = 1'-0"

