Joe Froggatt
RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

HCA Healthcare℠

HCA - LEE'S SUMMIT MEDICAL CENTER

ED EXPANSION

2100 SE BLUE PKWY LEE'S SUMMIT, MO 64063

DGL PROJECT NO	6406.24.0003	DATE:
HCA PROJECT NO.	0972400011	2025/04/18

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

SUBMITTALS:	DATE:
CITY & STATE - 1ST REVIEW	04/18/2025

DEVENNEY GROUP, LTD. ARCHITECTS
ARCHITECTS
6900 E CAMELBACK RD, SUITE #500
SCOTTSDALE, AZ 85251
PROJECT MANAGER: KEVIN COOK 602.541.7287

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002549
DATE SIGNED: 04.18.25

WSP
MECHANICAL, PLUMBING & ELECTRICAL ENGINEERS
300 WYANDOTTE, SUITE 200
KANSAS CITY, MO 64105
PROJECT MANAGER: MINDY WHISLER 816.702.4247

INNER DESIGN STUDIO
INTERIOR DESIGNER
7103 BAKER'S BRIDGE AVE, SUITE 106
BRENTWOOD, TN 37027
PROJECT MANAGER: 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

X = ISSUED SHEET	CITY & STATE - 1ST REVIEW - 04/18/25
R = REVISED SHEET	
F = FOR REFERENCE ONLY	
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SHEET NUMBER	SHEET NAME	CITY & STATE - 1ST REVIEW - 04/18/25
GENERAL INFORMATION		
GI000	COVER SHEET	X
GI001	SHEET INDEX	X
GI101	PROJECT INFORMATION, AREA MAPS, SYMBOLS	X
CIVIL		
C0.0	COVER SHEET	X
C1.0	EXISTING CONDITIONS	X
C2.0	GENERAL NOTES	X
C3.0	DEMOLITION PLAN	X
C4.0	LAYOUT PLAN	X
C5.0	GRADING, DRAINAGE, & UTILITY PLAN	X
C6.0	SITE DETAILS	X
C6.1	SITE DETAILS	X
LANDSCAPE		
L1.0	LANDSCAPE PLAN	X
L2.0	TREE CONSERVATION PLAN	X
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
S102	LEVEL 2 - ROOF FRAMING PLAN	X
S201	FOUNDATION AND SLAB ON GROUND SECTION AND DETAILS	X
S301	STEEL & ROOF FRAMING SECTIONS AND DETAILS	X
S302	STEEL & ROOF FRAMING SECTIONS AND DETAILS	X
ARCHITECTURAL LIFESAFETY		
AC101	LIFE SAFETY FLOOR PLAN – LEVEL 1	X
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
AD104	DEMOLITION PLAN - ROOF	X
AD171	DEMOLITION RCP - LEVEL 1	X
AD400	DEMOLITION SECTIONS	X
ARCHITECTURAL SITE		
AS001	ARCHITECTURAL SITE PLAN	X
AS002	EXTERIOR CANOPY & DOOR SIGNAGE DETAILS	X
ARCHITECTURAL		
AE101	ANNOTATION FLOOR PLAN - LEVEL 1	X
AE102	DIMENSION FLOOR PLAN - LEVEL 1	X
AE111	OVERALL ROOF PLAN	X
AE141	EDGE-OF-SLAB PLAN - LEVEL 1	X
AE181	REFLECTED CEILING PLAN - LEVEL 1	X
AE301	BUILDING SECTIONS	X
AE311	EXTERIOR WALL SECTIONS	X
AE400	ENLARGED PLANS AND INTERIOR ELEVATIONS GENERAL NOTES AND LEGENDS	X
AE401	ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - TRAUMA	X
AE402	ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - TYPICAL EXAM ROOM	X
AE403	ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - A.I.I.	X
AE404	ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - NURSE STATION 'A'	X
AE405	ENLARGED PLANS, INTERIOR ELEVATIONS - MEDS, SOILED, CLEAN, NOURISH	X
AE406	ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - NURSE STATION 'B'	X
AE407	ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - RECEPTION, SHARED OFFICE, TRIAGE	X
AE408	ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - STAFF LOUNGE, NURSE WORK, EMS	X
AE450	ENLARGED CANOPY PLANS, SECTIONS & DETAILS	X
AE501	EXTERIOR DETAILS	X
AE531	EXTERIOR ROOF DETAILS	X
AE532	EXTERIOR ROOF DETAILS	X
AE561	EXTERIOR EXPANSION / SEISMIC / CONTROL JOINT / REVEAL DETAILS	X
AE601	DOOR SCHEDULES, DOOR & FRAME TYPES	X
AE631	EXTERIOR & INTERIOR DOOR DETAILS	X
AE651	WINDOW SCHEDULES, FRAME TYPES & DETAILS	X
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
AF002	GENERAL FINISH SPECIFICATIONS AND NOTES	X
AF101	FINISH FLOOR PLAN - LEVEL 1	X
AF102	WALL PROTECTION PLAN - LEVEL 1	X
AF103	FLOOR PATTERN PLAN - LEVEL 1	X
AF104	FURNITURE PLAN - LEVEL 1	X
AF105	SIGNAGE PLAN - LEVEL 1	X
AF106	SIGNAGE KEY	X
AF107	SIGNAGE KEY	X

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PLUMBING		
P00-00	GENERAL INFORMATION - PLUMBING	X
PD02-00	DEMOLITION UNDERFLOOR PLAN - LEVEL 00 - PLUMBING	X
PD02-01	DEMOLITION PLAN - LEVEL 01 - PLUMBING	X
PD03-01	DEMOLITION PLAN - LEVEL 01 - MEDICAL GAS	X
P02-00	UNDERFLOOR PLAN - LEVEL 00 - PLUMBING	X
P02-01	FLOOR PLAN - LEVEL 01 - PLUMBING	X
P03-01	FLOOR PLAN - LEVEL 01 - MEDICAL GAS	X
P06-01	RISER DIAGRAM - PLUMBING	X
P07-01	DETAILS - PLUMBING	X
P08-01	SCHEDULES - PLUMBING	X
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
M02-02	FLOOR PLAN - LEVEL 02 - HVAC	X
M03-01	FLOOR PLAN - LEVEL 01 - HVAC PIPING	X
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
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
E04-01	FLOOR PLAN - LEVEL 01 - SPECIAL SYSTEM	X
E05-01	ENLARGED FLOOR PLAN	X
E06-01	ONE LINE DIAGRAM - ELECTRICAL DEMO	X
E06-02	ONE LINE DIAGRAM - ELECTRICAL NEW	X
E06-03	ONE LINE DIAGRAM - EMERGENCY DEMO	X
E06-04	ONE LINE DIAGRAM - EMERGENCY - NEW	X
E07-01	DETAILS - ELECTRICAL	X
E07-02	DETAILS - ELECTRICAL	X
E08-01	SCHEDULES - ELECTRICAL	X
E08-02	SCHEDULES - ELECTRICAL	X
E08-03	SCHEDULES - ELECTRICAL	X
TECHNOLOGY		
T00-00	GENERAL INFORMATION - TECHNOLOGY	X
TD02-01	DEMOLITION PLAN - LEVEL 01 - COMMUNICATIONS	X
T02-01	FLOOR PLAN - LEVEL 01 - COMMUNICATIONS	X
T03-01	FLOOR PLAN - LEVEL 01 - LOW VOLTAGE	X
T04-01	FLOOR PLAN - LEVEL 01 - SECURITY	X
T05-01	ENLARGED FLOOR PLAN - TECHNOLOGY	X
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

RELEASED FOR CONSTRUCTION
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Development Services Department
Lee's Summit, Missouri
08/14/2025

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

ARIZONA
DUDLEY C. CAMPBELL
NUMBER
A - 2021002549

DATE SIGNED: 04.18.25

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

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

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

4/23/2025 5:04:01 PM

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 / 2 / A2301 / SHEET NUMBER

WALL SECTION — SECTION DESIGNATION / 3 / A2302 / SHEET NUMBER

DETAIL — DETAIL NUMBER / 1 / A2301 / SHEET NUMBER

EXTERIOR ELEVATION — ELEVATION DESIGNATION / 1 / A2201 / SHEET NUMBER

INTERIOR ELEVATION — ELEVATION DESIGNATION / 1 / A2201 / SHEET NUMBER

PARTITION TYPE — A4

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

WINDOW IDENTIFICATION — A

EQUIPMENT IDENTIFICATION — 54123

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

CEILING ELEVATION REFERENCE — 9'-0"

KEYNOTE REFERENCE — XX

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

ELEVATION CHANGE REFERENCE — 1'-0"

MATERIAL CHANGE REFERENCE — CT / CPT

REVISION — 1

PRE-PERMIT REVISION — STANDARD

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

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

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)	I-A
Fire Sprinklers	Full Per NFPA 13
Fire Alarms	Provided
Emergency Lighting	Provided

Fire Resistance Rating Requirements for Building Elements		
Building Element	TYPE I-A CONSTRUCTION (HOSPITAL)	
Primary Structural Frame	3a,b	Hours
Bearing walls: Exterior	3	Hours
Bearing walls: Interior	3a	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	1 1/2b	Hours

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

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

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Consultant:

DUDLEY CAMPBELL — NUMBER A - 2021002549 — DATE SIGNED: 04.18.25

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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

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

PROJECT INFORMATION, AREA MAPS, SYMBOLS

GI101

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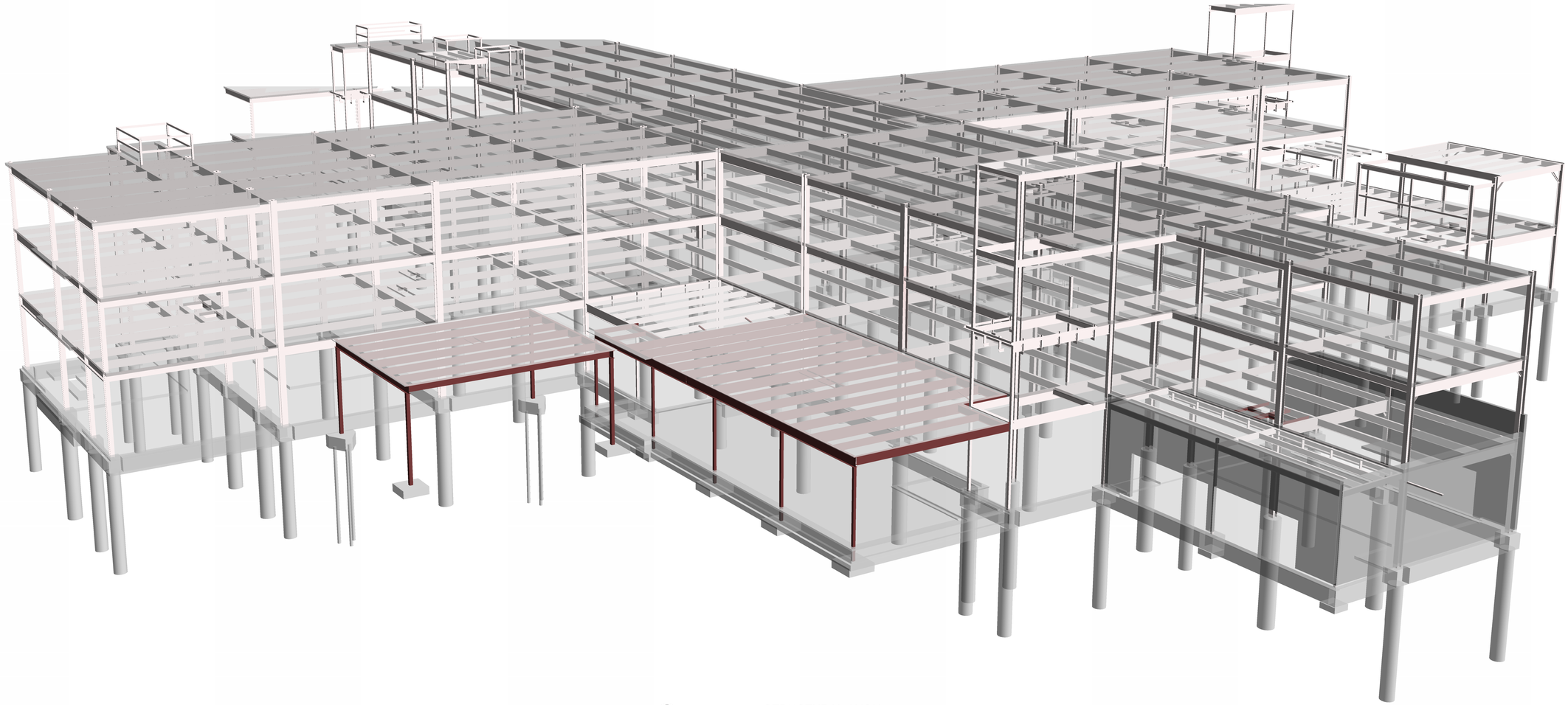

1 STRUCTURAL AXON
(FOR REFERENCE ONLY)

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

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

STATE OF MISSOURI
MICHAEL JOSEPH LINDSEY
NUMBER A-2007034
REGISTERED PROFESSIONAL ENGINEER
4/18/25

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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

AUTHORITY HAVING JURISDICTION'S PROJECT NO:

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

STRUCTURAL AXON VIEW

S001

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RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

STRUCTURAL NOTES

A. GENERAL

1. NO PROVISION OF ANY REFERENCED STANDARD SPECIFICATION, MANUAL OR CODE (WHETHER OR NOT SPECIFICALLY INCORPORATED BY REFERENCE IN THE CONTRACT DOCUMENTS) SHALL BE EFFECTIVE TO CHANGE THE DUTIES AND RESPONSIBILITIES OF OWNER, CONTRACTOR, ENGINEER, SUPPLIER, OR ANY OF THEIR CONSULTANTS, AGENTS, OR EMPLOYEES FROM THOSE SET FORTH IN THE CONTRACT DOCUMENTS. NOR SHALL IT BE EFFECTIVE TO ASSIGN TO THE STRUCTURAL ENGINEER OR ANY OF THE STRUCTURAL ENGINEER'S CONSULTANTS, AGENTS, OR EMPLOYEES ANY DUTY OR AUTHORITY TO SUPERVISE OR DIRECT THE FURNISHING OR PERFORMANCE OF THE WORK OR ANY DUTY OR AUTHORITY TO UNDERTAKE RESPONSIBILITIES CONTRARY TO THE PROVISIONS OF THE CONTRACT DOCUMENTS.
2. CONTRACT DOCUMENTS INCLUDE, BUT ARE NOT LIMITED TO, THE STRUCTURAL DOCUMENTS (DRAWINGS AND SPECIFICATIONS), BUT DO NOT INCLUDE SHOP DRAWINGS, VENDOR DRAWINGS, OR MATERIAL PREPARED AND SUBMITTED BY THE CONTRACTOR.
3. REFERENCE TO STANDARD SPECIFICATIONS OF ANY TECHNICAL SOCIETY, ORGANIZATION, OR ASSOCIATION OR TO CODES OF LOCAL OR STATE AUTHORITIES, SHALL MEAN THE LATEST STANDARD, CODE, SPECIFICATION OR TENTATIVE SPECIFICATION ADOPTED AT THE DATE OF TAKING BIDS, UNLESS SPECIFICALLY STATED OTHERWISE.
4. CONTRACT DOCUMENTS SHALL GOVERN IN THE EVENT OF A CONFLICT WITH THE CODE OF PRACTICE OR SPECIFICATIONS OF ACI, PCI, AISC, SJI OR OTHER STANDARDS. WHERE A CONFLICT OCCURS WITHIN THE CONTRACT DOCUMENTS, THE STRICTEST REQUIREMENT SHALL GOVERN.
5. MATERIAL, WORKMANSHIP, AND DESIGN SHALL CONFORM TO THE REFERENCED BUILDING CODE.
6. CONTRACTOR SHALL COORDINATE THE STRUCTURAL DOCUMENTS WITH THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND CIVIL DOCUMENTS. ARCHITECT/STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY OR OMISSION. FOR DIMENSIONS NOT SHOWN ON THE STRUCTURAL DRAWINGS SEE THE ARCHITECTURAL DRAWINGS.
7. CONTRACTOR SHALL OBTAIN AND COORDINATE EDGE OF SLAB DIMENSIONS, OPENING LOCATIONS AND DIMENSIONS, DEPRESSED SLAB LOCATIONS AND EXTENTS, SLAB SLOPES, CURB LOCATIONS, AND CMU WALL LOCATIONS. ARCHITECT/STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY OR OMISSION.
8. CONTRACTOR SHALL VERIFY EXISTING DIMENSIONS, ELEVATIONS, AND SITE CONDITIONS BEFORE STARTING WORK. ARCHITECT/STRUCTURAL ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCY.
9. CONTRACTOR SHALL VERIFY THAT MISCELLANEOUS FRAMING SHOWN ON THE STRUCTURAL DRAWINGS FOR MECHANICAL EQUIPMENT, OWNER-FURNISHED ITEMS, PARTITIONS, ETC. IS CONSISTENT WITH THE REQUIREMENTS OF SUCH ITEMS. CONTRACTOR SHALL VERIFY EQUIPMENT WEIGHTS, REQUIRED OPENING SIZES AND LOCATIONS IDENTIFIED ON THE STRUCTURAL DRAWINGS ARE IN AGREEMENT WITH FINAL ARCHITECTURAL AND MECHANICAL SHOP DRAWINGS AND SUBMITTALS.
10. CONTRACTOR HAS SOLE RESPONSIBILITY FOR MEANS, METHODS, SAFETY, TECHNIQUES, SEQUENCES, AND PROCEDURES OF CONSTRUCTION. CONTRACTOR HAS SOLE RESPONSIBILITY TO COMPLY WITH ALL OSHA REGULATIONS.
11. THE STRUCTURE IS STABLE ONLY IN ITS COMPLETED FORM. TEMPORARY SUPPORTS REQUIRED FOR STABILITY DURING ALL INTERMEDIATE STAGES OF CONSTRUCTION SHALL BE DESIGNED, FURNISHED, AND INSTALLED BY THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTABILITY ANALYSIS, AND ERECTION PROCEDURES, INCLUDING DESIGN AND ERECTION OF FALSEWORK, TEMPORARY BRACING, ETC.
12. REPRODUCTION OF STRUCTURAL DRAWINGS FOR SHOP DRAWINGS IS NOT PERMITTED.
13. SUBMIT SHOP DRAWINGS WHICH ADEQUATELY DEPICT THE STRUCTURAL ELEMENTS AND CONNECTIONS SHOWN IN THE CONTRACT DOCUMENTS. REVIEW OF SHOP DRAWINGS SHALL BE FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS REGARDING ARRANGEMENT AND SIZES OF MEMBERS AND THE CONTRACTOR'S INTERPRETATION OF THE DESIGN LOADS AND CONTRACT DOCUMENT DETAILS. REVIEW OF SUBMITTALS OR SHOP DRAWINGS BY THE ARCHITECT / STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW AND CHECK ALL SUBMITTALS AND SHOP DRAWINGS BEFORE SUBMITTING TO THE STRUCTURAL ENGINEER. REVIEW OF SUBMITTALS OR SHOP DRAWINGS BY THE ARCHITECT / STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR COMPLIANCE WITH THE CONTRACT DOCUMENTS. CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS ASSOCIATED WITH THE PREPARATION OF SHOP DRAWINGS AS THEY PERTAIN TO MEMBER SIZES, DETAILS, AND DIMENSIONS SPECIFIED IN THE CONTRACT DOCUMENTS.
14. WHERE A SECTION OR DETAIL IS SHOWN OR DETAILED FOR ONE CONDITION, IT SHALL APPLY TO ALL SIMILAR AND LIKE CONDITIONS. DETAILS LABELED "TYPICAL" OR "TYP." ON THE STRUCTURAL DRAWINGS APPLY TO ALL SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR. THE CONTRACTOR SHALL CONSIDER ALL OF THE CONTRACT DOCUMENTS IN DETERMINING SIMILAR AND LIKE CONDITIONS.
15. USE ONLY DIMENSIONS INDICATED ON THE CONTRACT DOCUMENTS. DO NOT SCALE DRAWINGS OR MEASURE OBJECTS IN ELECTRONIC FILES. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING DIMENSIONS. NOTIFY STRUCTURAL ENGINEER AND ARCHITECT OF ANY DISCREPANCIES.
16. THE OWNER SHALL ESTABLISH A PERIODIC MAINTENANCE PROGRAM TO PROTECT THE STRUCTURE FROM DETERIORATION. THE MAINTENANCE PROGRAM IS THE RESPONSIBILITY OF THE OWNER AND SHOULD INCLUDE, BUT IS NOT LIMITED TO, THE FOLLOWING:

    PAINTING OF EXPOSED STEEL THAT IS NOT GALVANIZED.
    INSPECTION AND MAINTENANCE OF PROTECTIVE COATINGS, SEALANTS, CAULKED JOINTS, AND CONTROL JOINTS.
    REPAIR OF SPALLS AND CRACKS IN CONCRETE ELEMENTS.
    REPAIR AND RESTORATION OF CORRODED ELEMENTS.
    CLEANOUT OF DRAINS INCLUDING ALL ROOF AND TRENCH DRAINS AND SCUPPERS.
    CLEANING OF STRUCTURAL ELEMENTS EXPOSED TO HARSH CHEMICALS INCLUDING DE-ICING CHEMICALS.
17. THE USE OF STRUCTURAL BIM OR CAD FILES IS PROHIBITED WITHOUT WRITTEN CONSENT FROM THE STRUCTURAL ENGINEER.

B. CODE/DESIGN CRITERIA

1. STRUCTURE IS DESIGNED IN ACCORDANCE WITH THE INTERNATIONAL BUILDING CODE, 2018 EDITION.
2. GRAVITY LOADS

    2.1. UNIFORM FLOOR LIVE LOADS (REDUCED AS ALLOWED BY THE BUILDING CODE):

HOSPITAL FLOORS	80 PSF	(INCLUDES PARTITIONS)
CORRIDORS — FIRST FLOOR	100 PSF	
MECHANICAL ROOMS	150 PSF	(NON-REDUCIBLE)

    2.2. UNIFORM ROOF LIVE LOADS (REDUCED AS ALLOWED BY THE BUILDING CODE):

ROOF	20 PSF
SNOW	
GROUND SNOW LOAD, p_g	20 PSF
SNOW EXPOSURE FACTOR, C_e	1.0
SNOW THERMAL FACTOR, C_t	1.0
SNOW IMPORTANCE FACTOR, I_S	1.2
FLAT ROOF SNOW LOAD, p_f	16.8 PSF
SLOPE FACTOR, C_s	1.0
DRIFT SURCHARGE LOAD(S), p_d	SEE SNOW LOADING PLAN
WIDTH OF SNOW DRIFT(S), w	SEE SNOW LOADING PLAN
RAIN INTENSITY (15-MIN. STORM DURATION), i	9.34 IN/HR

    PONDING AND DRIFT EFFECTS HAVE BEEN INCLUDED IN THE DESIGN.

    2.3. CONCENTRATED FLOOR LOADS - DISTRIBUTED OVER AN AREA OF 2.5 FT^2, UNLESS NOTED OTHERWISE:

HOSPITAL	1,000 LB
PEDESTRIAN BRIDGE	2,000 LB

    2.4. DEAD LOADS (IN ADDITION TO STRUCTURE SELF-WEIGHT):

    ROOF: ROOFING AND INSULATION 15 PSF
3. WIND LOADS:

BASIC DESIGN WIND SPEED, V	122 MPH
ALLOWABLE STRESS DESIGN WIND SPEED, V_{asd}	95 MPH
EXPOSURE	C
RISK CATEGORY	IV
INTERNAL PRESSURE COEFFICIENT, GC_{pi}	± 0.18

4. EARTHQUAKE LOADS:

RISK CATEGORY	IV
SEISMIC IMPORTANCE FACTOR, I_e	1.5
MAPPED SPECTRAL RESPONSE ACCELERATION PARAMETERS:	
S_S	0.101 g
S_1	0.069 g
SITE CLASS	B
DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETERS:	
S_{DS}	0.067 g
S_{D1}	0.046 g
SEISMIC DESIGN CATEGORY	A
BASIC SEISMIC-FORCE-RESISTING SYSTEM: STRUCTURAL STEEL SYSTEM NOT SPECIFICALLY DETAILED FOR SEISMIC RESISTANCE	
RESPONSE MODIFICATION FACTOR, R	3
SEISMIC RESPONSE COEFFICIENT, C_s	1 %

5. MAXIMUM ESTIMATED DEFLECTIONS LISTED BELOW ARE EXPECTED TO OCCUR AND SHALL BE CONSIDERED BY THE CONTRACTOR AND CLADDING DESIGNERS IN THE PERFORMANCE OF THE WORK:

    5.1. SPANDREL BEAM DEFLECTIONS: 1/2" RELATIVE SUPERIMPOSED LOAD DEFLECTION BETWEEN LEVELS. RELATIVE SUPERIMPOSED LOAD DEFLECTION IS THE DEFLECTION ANTICIPATED TO OCCUR BETWEEN ADJACENT FLOORS AFTER THE CLADDING HAS BEEN ERECTED. THE RELATIVE SUPERIMPOSED DEFLECTION DOES NOT INCLUDE DEFLECTIONS DUE TO THE WEIGHT OF THE FLOOR FRAMING ITSELF, NOR DOES IT INCLUDE AN ALLOWANCE FOR CONSTRUCTION TOLERANCE.

    5.2. MAXIMUM ESTIMATED DEFLECTIONS (IN INCHES) ARE AS FOLLOWS:

	LIVE LOAD	DEAD + LIVE LOAD
ROOF MEMBERS:	L/360	L/240
FLOOR MEMBERS:	L/360	L/240

    WHERE L = SPAN LENGTH (IN INCHES) BETWEEN CENTERLINES OF SUPPORTS. (FOR CANTILEVERS, L IS TWICE THE LENGTH OF THE CANTILEVER.)

    5.3. MAXIMUM LATERAL INTER-STORY DRIFT DUE TO WIND LOADING (10-YEAR MEAN RECURRENCE INTERVAL) ARE AS FOLLOWS:

    H/400 AT THE CENTER OF MASS
    MAXIMUM OF 0.6" AT THE EDGE OF THE BUILDING
6. SPECIAL INSPECTIONS ARE REQUIRED PER IBC CHAPTER 17 AND AS SPECIFIED IN THE STRUCTURAL SPECIAL INSPECTION STATEMENT PROVIDED BY THE STRUCTURAL ENGINEER.
7. PROVISIONS HAVE BEEN MADE FOR A ONE-STORY FUTURE VERTICAL EXPANSION OF THE PATIENT TOWER.
8. RENOVATION PROJECTS MAY REQUIRE FIELD-DIRECTED MODIFICATIONS BASED ON EXISTING CONDITIONS. THE STRUCTURAL ENGINEER SHALL PROVIDE MODIFICATIONS OR ADDITIONS TO THE EXISTING STRUCTURE BASED ON FIELD OBSERVATIONS OR REPORTS. THE CONTRACTOR SHALL DOCUMENT ANY FIELD-DIRECTED MODIFICATIONS AND SHALL SUBMIT THE NECESSARY DOCUMENTATION TO THE OWNER.

C. DEFERRED STRUCTURAL SUBMITTALS

1. DEFERRED SUBMITTALS, AS DEFINED BY THE BUILDING CODE, SHALL BE SUBMITTED TO THE BUILDING OFFICIAL BY THE CONTRACTOR. THE DEFERRED SUBMITTALS SHALL BE SIGNED AND SEALED BY A LICENSED ENGINEER IN THE PROJECT STATE.
2. THE STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR THE DESIGN OF THE DEFERRED SUBMITTAL COMPONENTS OR THE CONNECTION TO THE STRUCTURE. THE STRUCTURAL DESIGN OF THE COMPONENTS AND THE CONNECTION TO THE STRUCTURE IS DELEGATED TO A SPECIALTY ENGINEER WHO SHALL BE ENGAGED BY THE CONTRACTOR, VENDOR, AND / OR SUPPLIER OF THE COMPONENTS AS PART OF THE DEFERRED SUBMITTAL PROCESS.
3. THE CONTRACTOR SHALL SUBMIT THE DEFERRED SUBMITTAL TO THE ARCHITECT / STRUCTURAL ENGINEER FOR REVIEW. AFTER REVIEW BY THE ARCHITECT / STRUCTURAL ENGINEER THE CONTRACTOR SHALL SUBMIT THE REVIEWED SUBMITTAL TO THE BUILDING OFFICIAL PER SECTION 107.3 OF THE BUILDING CODE.
4. THE ITEMS LISTED BELOW ARE IDENTIFIED AS DEFERRED SUBMITTALS. REFER TO THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND CIVIL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL DEFERRED SUBMITTAL COMPONENTS. ALL COSTS ASSOCIATED WITH THE PREPARATION OF THE DEFERRED SUBMITTAL, INCLUDING THE SPECIALTY ENGINEER'S DESIGN FEES, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

    HELICAL FOUNDATION PILES
    CONCRETE FORMWORK
    STRUCTURAL STEEL CONNECTIONS
    COLD FORMED METAL FRAMING
    PANELIZED WALL SYSTEMS
    EXTERIOR BUILDING SIGNAGE
    ANCHORAGE OF EXTERIOR ARCHITECTURAL, MECH., ELEC., AND PLUMBING EQUIPMENT
    ATTACHMENT OF ROOFTOP EQUIPMENT, PIPING, & DUCTWORK TO THE UNDERLYING STRUCTURE
    GLAZING SYSTEMS (e.g., CURTAIN WALL, WINDOW WALL, AND STOREFRONT SYSTEMS)
    SLOTTED CHANNEL STRUT FRAMING (e.g., UNISTRUT)
    PREFABRICATED / PRE-ENGINEERED ARCHITECTURAL ELEMENTS AND STRUCTURES
    OTHER ELEMENTS SPECIFICALLY IDENTIFIED IN THE CONTRACT DOCUMENTS
    WINDOW WASHING, FALL PROTECTION, AND BUILDING MAINTENANCE SYSTEMS
5. DEFERRED SUBMITTAL COMPONENTS SHALL BE DESIGNED FOR THE LOADS AS DEFINED BY THE APPLICABLE BUILDING CODE WITH DESIGN DATA DEFINED IN THE SECTION B OF THE STRUCTURAL NOTES.
6. THE DESIGN OF ITEMS LISTED BELOW ARE THE RESPONSIBILITY OF THE CONTRACTOR BUT ARE NOT CONSIDERED A DEFERRED SUBMITTAL AND ARE NOT TO BE SUBMITTED TO THE DESIGN TEAM. ALL COSTS ASSOCIATED WITH THE DESIGN OF THESE ELEMENTS, INCLUDING THE SPECIALTY ENGINEER'S DESIGN FEES, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

    TEMPORARY SUPPORT OF EXCAVATION SYSTEMS
    TEMPORARY BRACING / SHORING FOR STABILITY OF STRUCTURE DURING CONSTRUCTION
    ALL OTHER ELEMENTS IDENTIFIED IN THE CONTRACT DOCUMENTS

D. FOUNDATION

1. FOUNDATION DESIGN IS BASED ON THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT PREPARED BY ALPHA-OMEGA GEOTECH (REPORT NUMBER AOG 240229 E DATED DECEMBER 4, 2024),. STRUCTURAL ENGINEER IS NOT RESPONSIBLE FOR SUBSURFACE CONDITIONS ENCOUNTERED IN THE FIELD DIFFERENT FROM THOSE ASSUMED FOR DESIGN.
2. STRUCTURAL TESTING/INSPECTION AGENCY SHALL CERTIFY THE BEARING MEDIUM.
3. INDIVIDUAL SPREAD FOOTINGS AND CONTINUOUS FOOTINGS SHALL BEAR ON SOIL CAPABLE OF SUPPORTING 2,000 PSF.
4. HELICAL FOUNDATION PILES SHALL HAVE A DESIGN CAPACITY OF 16 KIPS IN COMPRESSION AND 5 KIPS IN UPLIFT.
5. FOUNDATION WALLS ARE DESIGNED FOR LATERAL PRESSURES DUE TO THE FOLLOWING EQUIVALENT FLUID DENSITIES:

WALLS SUPPORTED AT TOP	(AT-REST CONDITION):	48 PCF
WALLS FREE TO DISPLACE AT TOP	(ACTIVE CONDITION):	30 PCF

6. PROOF-ROLL BUILDING AREAS WITH TWO COMPLETE COVERAGES OF A LOADED DUMP TRUCK OR SCRAPER. REPLACE SOFT AREAS WITH COMPACTED STRUCTURAL FILL AS REQUIRED BY THE SPECIFICATIONS.
7. UNDERCUT THE BUILDING AREAS AND REPLACE WITH STRUCTURAL FILL AS INDICATED IN THE GEOTECHNICAL REPORT AND SPECIFICATIONS.

E. REINFORCEMENT

1. REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60, UNLESS NOTED OTHERWISE.
2. WELDED WIRE REINFORCING SHALL CONFORM TO ASTM A1064 AND HAVE MINIMUM SIDE AND END LAPS OF ONE CROSS WIRE SPACING PLUS 2", BUT NOT LESS THAN 6".
3. SUBMIT SHOP DRAWINGS WHICH ADEQUATELY DEPICT THE REINFORCING BAR SIZES AND PLACEMENT. WRITTEN DESCRIPTION OF REINFORCEMENT WITHOUT ADEQUATE SECTIONS, ELEVATIONS, AND DETAILS IS NOT ACCEPTABLE.
4. PROVIDE DOWELS FROM FOUNDATIONS THE SAME SIZE AND NUMBER AS THE VERTICAL WALL OR COLUMN REINFORCING, UNLESS NOTED OTHERWISE.
5. PLACE REINFORCEMENT AS FOLLOWS, UNLESS NOTED OTHERWISE:

    5.1. CAST-IN-PLACE CONCRETE REINFORCEMENT COVER

PERMANENTLY EXPOSED TO EARTH:	
CAST AGAINST THE EARTH	3" CLEAR
EXPOSED TO EARTH OR WEATHER:	
FOR BARS LARGER THAN A NO. 5 BAR	2" CLEAR
NO. 5 BARS OR SMALLER	1-1/2" CLEAR
NOT EXPOSED TO WEATHER OR IN CONTACT WITH EARTH:	
WALLS	3/4" CLEAR
SLABS	3/4" CLEAR

6. REINFORCEMENT SHALL BE SPLICED ONLY AT LOCATIONS SHOWN OR NOTED IN THE STRUCTURAL DOCUMENTS, EXCEPT REINFORCEMENT MARKED "CONTINUOUS" CAN BE SPLICED AT LOCATIONS DETERMINED BY CONTRACTOR. SPLICES AT OTHER LOCATIONS SHALL BE APPROVED IN WRITING BY THE STRUCTURAL ENGINEER. REINFORCING STEEL SPLICES SHALL BE AS FOLLOWS, UNLESS NOTED OTHERWISE:

    CONCRETE: CLASS B TENSION LAP — SEE REINFORCING LAP LENGTH SCHEDULE

F. CAST-IN-PLACE CONCRETE

1. CONCRETE WORK SHALL CONFORM TO ACI 318 AND CRSI STANDARDS.
2. CONCRETE SHALL HAVE THE FOLLOWING PROPERTIES:

    2.1. NORMAL WEIGHT STRUCTURAL CONCRETE:

	EXPOSURE CLASS	28-DAY MIN. COMPRESSIVE STRENGTH, f'_c	MAX. w/cm RATIO	MAX. NOM. AGGREGATE SIZE
FOOTINGS AND PILE CAPS	C1, W1	4,000 PSI	0.50	1-1/2"
PEDESTALS	C1, W1	4,000 PSI	0.50	1"
INTERIOR SLABS-ON-GROUND	C1	4,000 PSI	0.48	1"
EXTERIOR SLABS-ON-GROUND	F2, C1	4,500 PSI	0.45	1"
CURBS, PARAPETS	F1,C1	4,500 PSI	0.45	3/4"

    ALL NORMAL WEIGHT CONCRETE SHALL BE CONSIDERED TO BE IN EXPOSURE CLASS F0, S0, W0, AND C0 ACCORDING TO ACI 318 UNLESS NOTED OTHERWISE ABOVE OR ELSEWHERE ON THE STRUCTURAL DRAWINGS
3. CONCRETE MIX REQUIREMENTS

    3.1. ALL CONCRETE SHALL BE PROPORTIONED TO COMPLY WITH ACI 318 CHAPTER 19 IN ACCORDANCE WITH THE EXPOSURE CLASS INDICATED. WHERE REQUIREMENTS INDICATED DIFFER FROM REQUIREMENTS OF CHAPTER 19, THE STRICTER REQUIREMENT SHALL APPLY. REFER TO THE SPECIFICATIONS FOR OTHER REQUIREMENTS FOR VARIOUS EXPOSURE CLASSES RELATIVE TO THE CEMENT TYPE, AIR ENTRAINMENT REQUIREMENTS, CHLORIDE ION LIMITS, POZZOLAN LIMITS, AND SHRINKAGE LIMITS.

    3.2. CONCRETE SHALL BE CONSIDERED EXTERIOR CONCRETE IF THE CONCRETE IS PERMANENTLY EXPOSED TO THE WEATHER OR MOISTURE OR IF IT IS IN AN UNCONDITIONED SPACE IN ITS COMPLETED CONFIGURATION.

    3.3. ALL CONCRETE SHALL SATISFY BOTH THE SPECIFIED MAXIMUM WATER TO CEMENT RATIO AND THE MINIMUM COMPRESSIVE STRENGTH, f'_c, REQUIREMENTS.
4. PIPES OR DUCTS SHALL NOT EXCEED ONE-THIRD THE SLAB OR WALL THICKNESS UNLESS SPECIFICALLY DETAILED. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATION OF SLEEVES, ACCESSORIES, ETC.
5. REFER TO ARCHITECTURAL DRAWINGS FOR MOLDS, GROOVES, ORNAMENTS, CLIPS OR GROUNDS REQUIRED TO BE ENCASED IN CONCRETE AND FOR LOCATION OF ALL CONCRETE FINISHES AND SLAB DEPRESSIONS.
6. CONSTRUCTION JOINTS

    6.1. LOCATIONS SHALL BE APPROVED BY THE STRUCTURAL ENGINEER.

    6.2. NO HORIZONTAL JOINTS ARE PERMITTED EXCEPT THOSE SHOWN ON THE STRUCTURAL DRAWINGS.

    6.3. JOINTS SHALL BE LOCATED WITHIN THE MIDDLE THIRD OF SPANS OF SLABS.
7. DEFECTIVE AREAS IN CONCRETE INCLUDING BUT NOT LIMITED TO, HONEY-COMBING, SPALLS, AND CRACKS WITH WIDTHS EXCEEDING 0.012" SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT / STRUCTURAL ENGINEER. REPAIR DEFECTIVE AREAS AS DIRECTED BY THE STRUCTURAL ENGINEER.
8. POLYSTYRENE GEOFOAM SHALL CONFORM TO ASTM D6817, TYPE EPS29.

G. POST-INSTALLED ANCHORS AND REINFORCING STEEL

1. POST-INSTALLED ANCHORS AND REINFORCING STEEL SHALL ONLY BE USED WHERE SPECIFIED ON THE CONSTRUCTION DOCUMENTS. CONTRACTOR SHALL OBTAIN APPROVAL FROM THE STRUCTURAL ENGINEER PRIOR TO INSTALLING POST-INSTALLED ANCHORS OR REINFORCING STEEL IN PLACE OF MISSING OR MISPLACED CAST-IN-PLACE ANCHORS OR REINFORCING STEEL.
2. CONTRACTOR SHALL ARRANGE ONSITE INSTALLATION TRAINING BY THE MANUFACTURER FOR EACH PRODUCT TO BE INSTALLED. SUBMIT TO THE STRUCTURAL ENGINEER DOCUMENTATION CONFIRMING TRAINING OF ALL PERSONNEL WHO WILL BE INSTALLING PRODUCTS. TRAINING AND DOCUMENTATION SHALL OCCUR PRIOR TO THE COMMENCEMENT OF PRODUCT INSTALLATION. INSTALLATION OF ADHESIVE ANCHOR PRODUCTS IN HORIZONTAL OR UPWARDLY INCLINED ORIENTATION RESISTING SUSTAINED TENSION LOADS SHALL BE CONDUCTED BY AN INSTALLER CERTIFIED IN ACCORDANCE WITH THE ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM. PROOF OF CERTIFICATION SHALL BE MAINTAINED AT THE JOB SITE.
3. EXISTING REINFORCING BARS IN THE CONCRETE STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR OR REINFORCING LOCATIONS. CONTRACTOR SHALL LOCATE THE POSITION OF REINFORCING BARS AND P.T. TENDONS BY FERROSCAN, GPR, X-RAY, CHIPPING, OR OTHER MEANS PRIOR TO ANCHOR INSTALLATION. THE CONTRACTOR SHALL NOT DAMAGE ANY REINFORCING.
4. ADHESIVE ANCHOR INSERT SHALL BE ALL THREAD ROD OF THE FOLLOW MATERIAL U.N.O.:

    INTERIOR ENVIRONMENTS: ASTM F1554 Gr. 36
    EXTERIOR ENVIRONMENTS: ASTM F1554 Gr. 36 GALV. PER ASTM B695, CLASS 65 TYPE I
    CORROSIVE ENVIRONMENTS: ASTM A193 GR. B8M TYPE 316
5. MECHANICAL AND SCREW ANCHORS IN EXTERIOR AND CORROSIVE ENVIRONMENTS SHALL BE GALVANIZED OR STAINLESS STEEL AND SHALL APPROVED BY THE MANUFACTURER FOR THE EXPOSURE.
6. PROVIDE THE FOLLOWING INSTALLATION CONDITIONS FOR ADHESIVE ANCHORS. NOTIFY THE STRUCTURAL ENGINEER IF THESE CONDITIONS DO NOT EXIST:

    HOLES DRILLED WITH HAMMER DRILL WITH CARBIDE TIPPED DRILL BIT
    DRY HOLE
    CONCRETE CURED FOR A MINIMUM OF 21 DAYS
    TEMPERATURE CATEGORY B (110° F LONG TERM AND 130° F SHORT TERM)

H. STRUCTURAL STEEL

1. STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED ACCORDING TO THE ANSI/AISC 360 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS" AND THE AISC 303 "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES".
2. STRUCTURAL STEEL SHALL BE OF THE FOLLOWING GRADE UNLESS NOTED OTHERWISE ON DRAWINGS:

W, WT, C, AND MC SHAPES	ASTM A992
L, M, S, MT, AND ST SHAPES	ASTM A572, GRADE 50
HSS SHAPES	ASTM A500, GRADE C
STEEL PIPE SHAPES	ASTM A53, GRADE B
PLATES AND BARS	
OUTRIGGERS, BENT PLATES, AND ELEMENTS LESS THAN 1/2" THICK	ASTM A36
BASE PLATES AND ALL OTHER ELEMENTS	ASTM A572, GRADE 50
ROUND ROD	ASTM A36

3. BOLTS AND ANCHOR RODS:

    3.1. ALL BOLTS SHALL BE GROUP 120 OR GROUP 150 HIGH-STRENGTH BOLTS WITH A 3/4" MINIMUM DIAMETER UNLESS NOTED OTHERWISE. BOLT SHEAR STRENGTH SHALL BE DETERMINED PER TABLE 7-1 IN THE AISC "STEEL CONSTRUCTION MANUAL".

    3.2. ANCHOR RODS SHALL CONFORM TO ASTM F1554, GRADE 55 UNLESS NOTED OTHERWISE.
4. CONNECTIONS:

    4.1. STEEL CONNECTIONS SHALL BE DETAILED BASED ON THE DESIGN INFORMATION PROVIDED IN THE CONTRACT DOCUMENTS. DEVIATION FROM THE CONNECTION DETAILS DEPICTED IN THE CONTRACT DOCUMENTS SHALL NOT BE PERMITTED WITHOUT ADVANCE WRITTEN PERMISSION FROM THE STRUCTURAL ENGINEER.

    4.2. THE SERVICES OF A CONNECTION DESIGN SPECIALTY ENGINEER (CDSE) SHALL BE INCLUDED IN THE CONTRACTOR'S SCOPE OF SERVICES. THE CDSE SHALL BE LICENSED IN THE PROJECT STATE. THE CDSE IS RESPONSIBLE FOR REVIEWING THE STEEL SHOP DRAWINGS TO ENSURE THAT ALL CONNECTION DESIGN DETAILS HAVE BEEN CORRECTLY SHOWN ON THE SHOP DRAWINGS; AND, THE CDSE SHALL SUBMIT A SIGNED AND SEALED LETTER, WITH EACH SHOP DRAWING SUBMITTAL, CONFIRMING THE ABOVE REVIEW.

    4.3. STANDARD SHEAR CONNECTIONS:

    4.3.1. STANDARD SHEAR CONNECTIONS SHALL BE DETAILED AS DOUBLE-ANGLE, SINGLE-PLATE, SINGLE-ANGLE, OR TEE CONNECTIONS IN ACCORDANCE WITH CONNECTION TABLES IN PART 10 OF THE "STEEL CONSTRUCTION MANUAL". THE CDSE SHALL SUBMIT SIGNED AND SEALED CALCULATIONS FOR ALL SHEAR CONNECTIONS THAT CANNOT BE DETAILED COMPLETELY FROM THE ABOVE MANUAL FOR REVIEW BY THE STRUCTURAL ENGINEER.

    4.3.2. CONNECTIONS SHALL BE DETAILED TO CARRY A MINIMUM AXIAL LOAD OF 0.05 × THE REQUIRED SHEAR DESIGN LOAD FOR THE CONNECTION

    4.4. FOR WELDED CONNECTIONS, USE PREQUALIFIED WELDED JOINTS IN ACCORDANCE WITH AISC AND THE STRUCTURAL WELDING CODE OF THE AMERICAN WELDING SOCIETY. "NON-PREQUALIFIED JOINTS" SHALL BE QUALIFIED PRIOR TO FABRICATION.

    4.5. THE REQUIRED REACTION USING LRFD LOAD COMBINATIONS SHALL BE AS SHOWN ON THE STRUCTURAL DRAWINGS. IF REACTIONS ARE NOT SHOWN, CONTACT THE STRUCTURAL ENGINEER.

    4.6. STEEL CONNECTIONS NOT SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS SHALL BE DESIGNED BY THE CDSE WITH THE EXCEPTION OF SIMPLE SHEAR CONNECTIONS AS DESCRIBED IN SECTION 4.3. THE CDSE SHALL SUBMIT SIGNED AND SEALED CALCULATIONS FOR ALL SUCH CONNECTIONS. THE CDSE SHALL USE THE UNIFORM FORCE METHOD WHEN APPLICABLE FOR ALL BRACE AND TRUSS TYPE CONNECTION DESIGNS.

    4.7. REVIEW OF THE SHOP DRAWINGS AND/OR CONNECTION CALCULATIONS BY THE STRUCTURAL ENGINEER DOES NOT RELIEVE THE CONTRACTOR AND CDSE OF THE FULL RESPONSIBILITY FOR THE DESIGN AND ADEQUACY OF SUCH CONNECTIONS.
5. THE CAMBER OF STEEL MEMBERS SHALL BE VERIFIED IN THE SHOP AND THE FIELD PER THE SPECIFICATIONS.
6. THE STRUCTURAL STEEL MEMBERS HAVE NOT BEEN DESIGNED TO ACCOMMODATE THE TORSION RESULTING FROM THE ECCENTRIC LOADING OF THE PRECAST PANELS, CURTAINWALL SYSTEMS, LIGHT GAUGE METAL FRAMING, ETC. SUPPLEMENTAL SECONDARY BRACING SHALL BE DESIGNED AND PROVIDED BY THE SUPPLIER TO ELIMINATE TORSION.
7. ARCHITECTURALLY EXPOSED STRUCTURAL STEEL (AESS) AND ITS REQUIRED CATEGORIES ARE INDICATED IN EITHER THE ARCHITECTURAL OR STRUCTURAL DRAWINGS. AESS SHALL CONFORM TO THE REQUIREMENTS IN SECTION 10 OF THE AISC CODE OF STANDARD PRACTICE FOR THE SPECIFIED CATEGORY. WHERE THE CATEGORY IS NOT SPECIFIED, OR THERE IS A CONFLICT, CONSULT THE ARCHITECT.
8. ALL STEEL EXPOSED TO WEATHER OR MOISTURE SHALL BE GALVANIZED UNLESS OTHERWISE DIRECTED BY THE ARCHITECT.
9. THE LATERAL LOAD-RESISTING SYSTEM INCLUDES STRUCTURAL STEEL, NON-STRUCTURAL STEEL ELEMENTS, AND THE DIAPHRAGM, AS INDICATED BELOW. ALL ELEMENTS OF THE LATERAL LOAD-RESISTING SYSTEM AND DIAPHRAGM ARE REQUIRED TO BE COMPLETE AS INDICATED AND DETAILED IN THE STRUCTURAL CONTRACT DOCUMENTS TO PROVIDE THE LATERAL STRENGTH AND STABILITY OF THE STEEL STRUCTURE. THE STRUCTURE SHALL BE CONSIDERED UNSTABLE UNTIL THESE SYSTEMS AND ELEMENTS ARE COMPLETE.

    9.1. THE LATERAL LOAD-RESISTING SYSTEM FOR THE STEEL STRUCTURE INCLUDES THE FOLLOWING ELEMENTS AS INDICATED AND DETAILED IN THE STRUCTURAL CONTRACT DOCUMENTS:

    MOMENT FRAMES
    CONNECTIONS, BASEPLATES, ANCHOR RODS (BOLTS), AND GROUT

    9.2. THE LATERAL LOAD-RESISTING DIAPHRAGM FOR THE STEEL STRUCTURE INCLUDES THE FOLLOWING ELEMENTS AS INDICATED AND DETAILED IN THE STRUCTURAL CONTRACT DOCUMENTS:

    STEEL ROOF DECK
    DIAPHRAGM BRACING

    9.3. SPECIFIC ELEMENTS AS IDENTIFIED WITHIN THE PLANS AND DETAILS OF THE STRUCTURAL CONTRACT DRAWINGS SHALL ALSO BE CONSIDERED PART OF THE LATERAL LOAD-RESISTING SYSTEM.
10. STABILITY BRACING: THE STABILITY OF STRUCTURAL STEEL ELEMENTS INCLUDING INDIVIDUAL HOT-ROLLED STEEL SHAPES AND FABRICATED TRUSSES IS PROVIDED BY THE FOLLOWING ELEMENTS AS INDICATED AND DETAILED IN THE STRUCTURAL CONTRACT DOCUMENTS. THESE ELEMENTS SHALL BE COMPLETE AS SHOWN IN THE STRUCTURAL CONTRACT DOCUMENTS BEFORE ANY TEMPORARY MEANS AND METHODS REQUIRED FOR ERECTION ARE REMOVED.

    STEEL ROOF DECK
    DIAPHRAGM BRACING
    STRUCTURAL STEEL BRACING AND KICKERS
11. THE WALL THICKNESS OF ROLLED HSS MEMBERS SHOWN ON THE PLANS IS THE MINIMUM THICKNESS REQUIRED FOR STRUCTURAL PURPOSES. THE CONTRACTOR SHALL INCREASE THE WALL THICKNESS OR EMPLOY OTHER CONSTRUCTION MEANS AS REQUIRED TO PREVENT DISTORTION, WARPING, OR OIL-CANNING OF THE HSS CROSS SECTION.

I. STEEL DECK

1. STEEL DECK SHALL BE PLACED OVER MULTIPLE SPANS WHEREVER POSSIBLE. WHERE SINGLE SPAN DECK IS REQUIRED, THE CONTRACTOR SHALL DRAW SPECIFIC ATTENTION TO THOSE LOCATIONS ON THE SHOP DRAWINGS.
2. SUBMIT SHOP DRAWINGS SHOWING THE STEEL DECK PROFILE, GAGE, PHYSICAL PROPERTIES, AND LAYOUT. THE SUBMITTAL SHALL INCLUDE ALL ACCESSORIES AND INSTALLATION DETAILS. IF DECK OTHER THAN THE BASIS OF DESIGN IS PROVIDED, THE SUBMITTAL SHALL INCLUDE LOAD TABLES DEMONSTRATING THE DECK MEETS OR EXCEEDS THE BASIS OF DESIGN. THE LOAD TABLES SHALL BE IN ACCORDANCE WITH THE STEEL DECK INSTITUTE (SDI) REQUIREMENTS
3. ROOF DECK:

    3.1. THE 1 1/2" TYPE B ROOF DECK BASIS OF DESIGN IS 1.5B ROOF DECK PRODUCED BY VULCRAFT (IAPMO UES ER-0652). OTHER DECK MANUFACTURERS ARE PERMITTED PROVIDED THE FOLLOWING MINIMUM DECK PROPERTIES ARE MET OR EXCEEDED:

GAGE	22
YIELD STRESS	50 KSI
MOMENT OF INERTIA (POSITIVE BENDING), I(+)	0.155 IN^4/FT
MOMENT OF INERTIA (NEGATIVE BENDING), I(-)	0.178 IN^4/FT
SECTION MODULUS (POSITIVE MOMENT), S(+)	0.169 IN^3/FT
SECTION MODULUS (NEGATIVE MOMENT), S(-)	0.179 IN^3/FT

    3.2. DECK FINISH SHALL BE GALVANIZED G60.

    3.3. PROVIDE VENTED DECK IF RECOMMENDED BY LIGHTWEIGHT INSULATING CONCRETE SUPPLIER. PERCENT VENTING SHALL BE DETERMINED BY THE ROOFING SUPPLIER BASED ON PROJECT CONDITIONS AND INSULATING CONCRETE SYSTEM USED.

J. COLD-FORMED METAL STUDS

1. COLD-FORMED STEEL DESIGN, FABRICATION, AND ERECTION SHALL BE IN ACCORDANCE WITH AISI S100 "NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS".
2. DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS AND THEIR CONNECTIONS SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. SUBMIT SHOP DRAWINGS SEALED BY AN ENGINEER LICENSED IN THE PROJECT STATE. SHOP DRAWINGS SHALL INCLUDE PLACING DRAWINGS FOR FRAMING MEMBERS SHOWING SIZE AND GAUGE DESIGNATIONS, NUMBER, TYPE, LOCATION, AND SPACING. INDICATE SUPPLEMENTAL STRAPPING, BRACING, SPLICES, BRIDGING, ACCESSORIES, AND DETAILS REQUIRED FOR PROPER INSTALLATION. REVIEW OF SHOP DRAWINGS SHALL BE FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS REGARDING ARRANGEMENT AND SIZES OF MEMBERS AND THE CONTRACTOR'S INTERPRETATION OF THE DESIGN LOADS AND CONTRACT DOCUMENT DETAILS. SUCH REVIEW SHALL NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR THE DESIGN OF THE COLD-FORMED STEEL STRUCTURAL MEMBERS AND THEIR CONNECTIONS.
3. COLD-FORMED STEEL WALL SYSTEMS SHALL BE DESIGNED TO ACCOMMODATE DIFFERENTIAL LIVE LOAD DEFLECTIONS BETWEEN FLOORS.

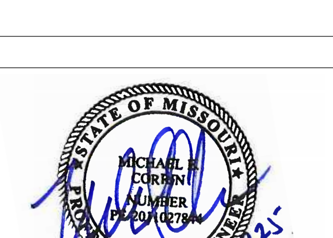
K. CHANNEL STRUT FRAMING SUPPORT SYSTEM (UNISTRUT)

1. PROVIDE AND INSTALL SLOTTED CHANNEL STRUT FRAMING SUPPORT SYSTEM (UNISTRUT OR EQUIVALENT) FOR THE SUPPORT OF OWNER FURNISHED MEDICAL EQUIPMENT.
2. DESIGN OF SLOTTED CHANNEL STRUT FRAMING SUPPORT SYSTEM SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. SUBMIT SHOP DRAWINGS SEALED BY AN ENGINEER LICENSED IN THE PROJECT STATE. SHOP DRAWINGS SHALL SHOW PLAN LAYOUT, TYPICAL ELEVATIONS, DETAILS, AND ANCHORAGE TO THE STRUCTURE. REVIEW OF SHOP DRAWINGS SHALL BE FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS. SUCH REVIEW SHALL NOT RELIEVE THE CONTRACTOR OF FULL RESPONSIBILITY FOR THE DESIGN OF THE SLOTTED CHANNEL STRUT FRAMING SUPPORT SYSTEM.
3. THE SYSTEM STRUCTURAL DESIGN SHALL ADEQUATELY SUPPORT THE MEDICAL EQUIPMENT IN THE VENDOR DRAWINGS PREPARED BY THE MANUFACTURER.
4. MEMBERS SHALL BE LEVEL IN BOTH DIRECTIONS TO WITHIN 1/16".
5. MEMBERS SHALL BE PARALLEL TO WITHIN 1/16".
6. SYSTEM SHALL PERMIT A MINIMUM ADJUSTMENT OF 6".
7. COORDINATE INSTALLATION WITH OTHER TRADES.

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.

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



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

AUTHORITY HAVING JURISDICTION'S PROJECT NO:

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	04/18/25
SCALE:	1/2" = 1'-0"
DRAWN:	JL
REVIEWED:	JDP & KF
JOB NUMBER:	6406.24.0003

STRUCTURAL NOTES

S011

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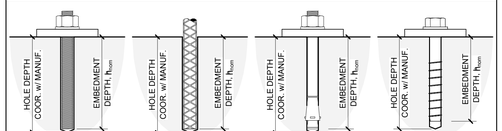
POST-INSTALLED ANCHOR INFORMATION



NOTES:
1. POST INSTALLED ANCHORS SHALL BE ONE OF THE PRODUCTS LISTED IN THE TABLE BELOW, UNLESS A SUBSTITUTION IS APPROVED BY THE STRUCTURAL ENGINEER.
2. THE EMBEDMENT DEPTH SPECIFIED IS THE MINIMUM LENGTH OF THE ANCHOR INTO THE HOLE (NOMINAL EMBEDMENT DEPTH, h_{nom}).
3. COORDINATE THE ACTUAL ANCHOR LENGTH w/ THE SPECIFIED MINIMUM EMBEDMENT DEPTH, ATTACHMENT THICKNESS, WASHERS, ETC.
4. ANCHORS AND REINFORCING STEEL SHALL BE INSTALLED PER THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII).
5. COORDINATE THE REQUIRED DRILL BIT TYPE, NOMINAL DIAMETER, AND HOLE DEPTH w/ THE ANCHOR MANUFACTURER AND THE CODE EVALUATION REPORT. CLEAN THE HOLE AS REQUIRED BY THE MANUFACTURER AND CODE EVALUATION REPORT REQUIREMENTS FOR THE SELECTED INSTALLATION METHOD.
6. DO NOT DAMAGE ANY EXISTING REINFORCING, INCLUDING PT TENDONS, DURING THE INSTALLATION PROCESS OF POST-INSTALLED ANCHORS.
7. ANCHORS SHALL BE INSTALLED WITHIN 6° OF PERPENDICULAR TO THE CONCRETE OR MASONRY SURFACE, UNLESS NOTED OTHERWISE.
8. INSTALL ANCHORS IN ACCORDANCE WITH SPACING AND EDGE CLEARANCES INDICATED ON THE DRAWINGS. IF NO SPACING OR EDGE DISTANCES ARE SPECIFIED ON THE STRUCTURAL DRAWINGS, REFER TO APPLICABLE EVALUATION REPORT FOR CRITICAL SPACING AND EDGE DISTANCES.
9. REFERENCE THE STRUCTURAL NOTES FOR ADDITIONAL REQUIREMENTS.
10. MINIMUM EMBEDMENT DEPTHS SHALL BE THE FOLLOWING, UNLESS NOTED OTHERWISE:
    8 × ANCHOR DIAMETER FOR EXPANSION AND SCREW ANCHORS
    12 × ANCHOR DIAMETER OR REINFORCING DIAMETER FOR ADHESIVE ANCHORS.

PERMISSIBLE POST-INSTALLED ANCHOR PRODUCTS

ANCHOR TYPE	MANUFACTURER	PRODUCT NAME	BASE MATERIAL		
			CONCRETE	SOLID GROUTED CMU	HOLLOW CMU
EXPANSION ANCHOR	SIMPSON STRONG-TIE	STRONG-BOLT 2	ICC ESR-3037	IAPMO-UES ER-240	-
	HILTI	KWIK BOLT-TZ2	ICC ESR-4266	ICC ESR-4561	-
	DEWALT	POWER-STUD+ SD2	ICC ESR-2502	-	-
		POWER-STUD+ SD1	-	ICC ESR-2966	-
SCREW ANCHOR	SIMPSON STRONG-TIE	TITEN-HD	ICC ESR-2713	ICC ESR-1056	ICC ESR-1056
	HILTI	KWIK HUS-EZ	ICC ESR-3027	ICC ESR-3056	-
		KWIK-CON II	-	-	NO REPORT
	DEWALT	SCREW-BOLT+	ICC ESR-3889	ICC ESR-4042	-
		TAPPER +	-	-	ICC ESR-3196
SHALLOW ANCHOR	HILTI	HDI-P-TZ	ICC ESR-4236	-	-
	DEWALT	MINI-UNDERCUT+	ICC ESR-3912	-	-
ADHESIVE ANCHORS	SIMPSON STRONG-TIE	SET-3G	ICC ESR-4057	ICC ESR-4844	ICC ESR-4844
		AT-3G FAST-CURE	ICC ESR-5026	-	-
	HILTI	HIT-RE 500 V3 SLOW CURE	ICC ESR-3814	-	-
		HIT-HY 200 V3 FAST CURE	ICC ESR-4868	-	-
		HIT-HY 200 V3	-	ICC ESR-4878	-
		HIT-HY 270	-	ICC ESR-4143	ICC ESR-4143
	DEWALT	PURE110+	ICC ESR-3298	-	-
		AC100+ GOLD	-	ICC ESR-3200	ICC ESR-3200

TABLE NOTES:
1. ANCHOR PRODUCT MUST HAVE AN EVALUATION REPORT LISTED TO BE USED IN THE APPLICABLE BASE MATERIAL. IF A "-" IS LISTED IN THE TABLE ABOVE, THEN THE ANCHOR PRODUCT IS NOT PERMITTED IN THAT BASE MATERIAL.
2. ANCHORS IN EXTERIOR AND CORROSIVE ENVIRONMENTS SHALL BE APPROVED BY THE MANUFACTURER FOR THE EXPOSURE.
3. SUBSTITUTION REQUESTS FOR PRODUCTS OTHER THAN THOSE SPECIFIED IN THIS TABLE SHALL BE SUBMITTED BY THE CONTRACTOR TO THE STRUCTURAL ENGINEER ALONG WITH CALCULATIONS THAT ARE SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER DEMONSTRATING THAT THE SUBSTITUTED PRODUCT IS CAPABLE OF ACHIEVING EQUIVALENT PERFORMANCE (MINIMUM) OF THE SPECIFIED PRODUCTS. THE SUBSTITUTION REQUEST SHALL INCLUDE CODE EVALUATION REPORTS STATING THAT THE PRODUCTS ARE APPROVED FOR THE INTENDED USE AND COMPLIANT WITH THE APPLICABLE BUILDING CODE. THE CALCULATIONS SHALL USE THE APPROPRIATE DESIGN PROCEDURE AND/OR STANDARD(S) AS REQUIRED BY THE BUILDING CODE.

REINFORCING LAP LENGTH SCHEDULE

TENSION LAP SPLICE LENGTHS, (INCHES) FOR GRADE 60 (4) UNCOATED BARS, $f'c$ = 3,000psi; NORMAL-WEIGHT CONCRETE (5)

BAR SIZE	LAP CLASS	LAP LENGTH PER SPACING AND COVER CASE (3)					
		TOP BARS (6) CATEGORY (2)			OTHER BARS CATEGORY (2)		
		1	2	3	1	2	3
#3	A	32	22	13	25	17	12
	B	42	28	17	32	22	13
#4	A	43	29	17	33	22	13
	B	56	37	23	43	29	17
#5	A	54	36	22	41	28	17
	B	70	47	28	54	36	22
#6	A	64	43	26	50	33	20
	B	84	56	34	64	43	26
#7	A	94	63	38	72	48	29
	B	122	81	49	94	63	38
#8	A	107	72	43	82	55	33
	B	139	93	56	107	72	43
#9	A	121	81	49	93	62	38
	B	157	105	63	121	81	49
#10	A	136	91	55	105	70	42
	B	177	118	71	136	91	55
#11	A	151	101	61	116	78	47
	B	196	131	79	151	101	61

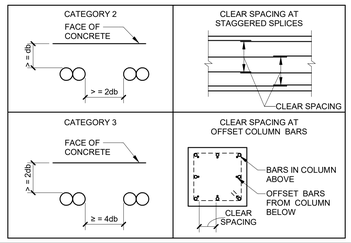
TENSION LAP SPLICE LENGTHS, (INCHES) FOR GRADE 60 (4) UNCOATED BARS, $f'c$ = 4,000psi; NORMAL-WEIGHT CONCRETE (5)

BAR SIZE	LAP CLASS	LAP LENGTH PER SPACING AND COVER CASE (3)					
		TOP BARS (6) CATEGORY (2)			OTHER BARS CATEGORY (2)		
		1	2	3	1	2	3
#3	A	28	19	12	22	15	12
	B	36	24	15	28	19	12
#4	A	37	25	15	29	19	12
	B	48	32	20	37	25	15
#5	A	47	31	19	36	24	15
	B	60	40	24	47	31	19
#6	A	56	37	22	43	29	17
	B	72	48	29	56	37	22
#7	A	81	54	33	63	42	25
	B	106	70	42	81	54	33
#8	A	93	62	37	71	48	29
	B	136	91	55	105	70	42
#9	A	105	70	42	81	54	33
	B	136	91	55	105	70	42
#10	A	118	79	47	91	61	37
	B	153	102	62	116	79	47
#11	A	131	87	53	101	67	41
	B	170	113	68	131	87	53

TENSION LAP SPLICE LENGTHS, (INCHES) FOR GRADE 60 (4) UNCOATED BARS, $f'c$ = 5,000psi; NORMAL-WEIGHT CONCRETE (5)

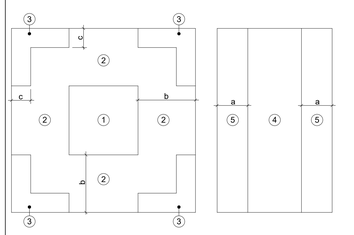
BAR SIZE	LAP CLASS	LAP LENGTH PER SPACING AND COVER CASE (3)					
		TOP BARS (6) CATEGORY (2)			OTHER BARS CATEGORY (2)		
		1	2	3	1	2	3
#3	A	25	17	12	19	13	12
	B	33	22	13	25	17	12
#4	A	33	22	14	26	17	12
	B	43	29	18	33	22	14
#5	A	42	28	17	32	22	13
	B	54	36	17	42	28	17
#6	A	50	33	20	38	26	16
	B	65	43	26	50	33	20
#7	A	73	49	29	58	37	23
	B	94	63	38	73	49	29
#8	A	83	55	33	64	43	26
	B	108	72	43	83	55	33
#9	A	94	63	38	72	48	29
	B	122	81	49	94	63	38
#10	A	105	70	42	81	54	33
	B	137	91	55	105	70	42
#11	A	117	76	47	90	60	36
	B	152	101	61	117	78	47

LAP NOTES:
1. LAP SPLICE LENGTHS ARE BASED ON ACI 318 SECTION 25.4.2.
2. CATEGORY DEFINITIONS: (SEE ADJACENT FIGURES FOR ADDITIONAL INFORMATION)
   CATEGORY 1 - OTHER CASES - DOES NOT MEET CATEGORY 2 OR 3.
   CATEGORY 2 - CLEAR SPACING OF BARS BEING DEVELOPED OR SPLICED NOT LESS THAN 2db AND CLEAR COVER NOT LESS THAN db.
   CATEGORY 3 - CLEAR COVER NOT LESS THAN 2db AND THE CLEAR SPACING NOT LESS THAN 4db.
3. MINIMUM LAP SPLICE SHALL NOT BE LESS THAN 12 INCHES.
4. MULTIPLY ABOVE LAP LENGTHS BY 1.53 FOR GRADE 80 REINFORCING STEEL.
5. MULTIPLY ABOVE LAP LENGTHS BY 1.3 FOR LIGHTWEIGHT CONCRETE.
6. TOP BARS ARE DEFINED AS HORIZONTAL REINFORCEMENT SO PLACED THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST IN THE MEMBER BELOW THE DEVELOPMENT LENGTH OR SPLICE.
7. COMPRESSION LAPS FOR GR. 60 UNCOATED BARS IN NORMAL WEIGHT CONCRETE WITH A MINIMUM STRENGTH OF 3,000 PSI SHALL BE 30db. USE 46db FOR GR. 80 COMPRESSION LAP.
8. IF BARS OF DIFFERENT SIZE ARE LAP SPLICED IN TENSION, SPLICE LENGTH SHALL BE THE GREATER OF A CLASS A LAP OF THE LARGER BAR AND A CLASS B LAP OF THE SMALLER BAR.



COMPONENT AND CLADDING WIND PRESSURE DIAGRAM

(PER ASCE 7-16, CHAPTER 30, PART 1 AND PART 6) Hs60FT



PARAMETERS:
BASIC WIND SPEED: 122 MPH
RISK CATEGORY IV
a = 3'-0"
b = 6'-0"
c = 2'-0"

PRESSURE (PSF) - SEE NOTES 1 - 4

EFFECTIVE AREA (ft²) - SEE NOTE 2	ROOF ZONE				WALLS		OVERHANGS			PARAPETS	
	ZONE 1'	ZONE 1	ZONE 2	ZONE 3	ZONE 4	ZONE 5	ZONE 1'/1	ZONE 2	ZONE 3	ZONE 4	ZONE 5
≤ 10	-	+16, -50	+16, -66	+16, -90	+31, -34	+31, -42	+16, -45	+16, -61	+16, -85	+87, -56	+111, -64
20	-	+16, -47	+16, -62	+16, -81	+30, -33	+30, -39	+16, -44	+16, -55	+16, -75	+82, -53	+101, -59
50	-	+16, -42	+16, -56	+16, -70	+28, -31	+28, -35	+16, -43	+16, -48	+16, -62	+74, -49	+88, -54
100	-	+16, -39	+16, -52	+16, -62	+27, -29	+27, -33	+16, -42	+16, -42	+16, -52	+69, -46	+79, -50
200	-	+16, -36	+16, -47	+16, -53	+25, -28	+25, -30	+16, -36	+16, -37	+16, -42	+63, -43	+69, -45
≥ 500	-	+16, -31	+16, -42	+16, -42	+23, -26	+23, -26	+16, -27	+16, -29	+16, -29	+56, -40	+56, -40

1. (+) AND (-) SIGNS INDICATED PRESSURES ACTING TOWARDS AND AWAY FROM THE SURFACE, RESPECTIVELY. SEE THE PARAPET AND OVERHANG DIAGRAMS FOR PRESSURE DIRECTION ON THOSE ELEMENTS.
2. USE THE PRESSURE ASSOCIATED WITH THE CLOSEST EFFECTIVE AREA THAT DOES NOT EXCEED THE ACTUAL EFFECTIVE AREA. ALTERNATIVELY, LINEAR INTERPOLATION IS PERMITTED.
3. IF A PARAPET ≥ 3'-0" IN HEIGHT IS PROVIDED AROUND THE PERIMETER OF A FLAT ROOF:
   THE POSITIVE VALUES FOR ZONE 3 SHALL BE EQUAL TO THOSE FOR WALL ZONE 5.
   THE POSITIVE VALUES FOR ZONE 2 SHALL BE EQUAL TO THOSE FOR WALL ZONE 4.
4. THE WIND PRESSURES USED TO DESIGN ANY DEFERRED SUBMITTAL ELEMENT SHALL BE CALCULATED BY THE REGISTERED PROFESSIONAL ENGINEER DESIGNING THOSE ELEMENTS. NOTIFY THE STRUCTURAL ENGINEER OF ANY DISCREPANCIES.

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

Devenney Group

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

STATE OF MISSOURI — JUSTIN LEE CORTEN — NUMBER 2015038794 — PROFESSIONAL ENGINEER — 4-18-25

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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

AUTHORITY HAVING JURISDICTION'S PROJECT NO:

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

STRUCTURAL NOTES CONTINUED

S012

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)_rvt23/24237-Lee's_Summit_MC_ED_Exp-SDL23.rvt
4/18/2025 7:44:59 AM

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

STRUCTURAL SPECIAL INSPECTION STATEMENT

THIS STATEMENT OF SPECIAL INSPECTIONS IS SUBMITTED AS A CONDITION FOR PERMIT ISSUANCE IN ACCORDANCE WITH THE SPECIAL INSPECTION AND STRUCTURAL TESTING REQUIREMENTS OF THE BUILDING CODE. IT INCLUDES A *SCHEDULE OF SPECIAL INSPECTION SERVICES* APPLICABLE TO THIS PROJECT AS WELL AS THE NAME OF THE SPECIAL INSPECTION COORDINATOR AND THE IDENTITY OF OTHER APPROVED AGENCIES TO BE RETAINED FOR CONDUCTING THESE INSPECTIONS AND TESTS. THIS STATEMENT OF SPECIAL INSPECTIONS ENCOMPASSES THE STRUCTURAL DISCIPLINE.

THE SPECIAL INSPECTION COORDINATOR SHALL KEEP RECORDS OF ALL INSPECTIONS AND SHALL FURNISH INSPECTION REPORTS TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. DISCOVERED DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE CONTRACTOR FOR CORRECTION. IF SUCH DISCREPANCIES ARE NOT CORRECTED, THE DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. THE SPECIAL INSPECTION PROGRAM DOES NOT RELIEVE THE CONTRACTOR OF HIS OR HER RESPONSIBILITIES.

INTERIM REPORTS SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND THE REGISTERED DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE. INTERIM REPORTS SHALL BE SUBMITTED TO THE REGISTERED DESIGN PROFESSIONAL IN CHARGE WEEKLY.

A FINAL REPORT OF SPECIAL INSPECTIONS DOCUMENTING COMPLETION OF ALL REQUIRED SPECIAL INSPECTIONS, TESTING AND CORRECTION OF ANY DISCREPANCIES NOTED IN THE INSPECTIONS SHALL BE SUBMITTED PRIOR TO ISSUANCE OF A CERTIFICATE OF USE AND OCCUPANCY.

JOB SITE SAFETY AND MEANS AND METHODS OF CONSTRUCTION ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR.

THIS STATEMENT OF SPECIAL INSPECTIONS IS NOT INTENDED TO INCORPORATE ALL ASPECTS OF THE SPECIAL INSPECTION PROGRAM AS DEFINED IN THE SPECIAL INSPECTION AND STRUCTURAL TESTING REQUIREMENTS OF THE BUILDING CODE. REFER TO OTHER DISCIPLINES FOR REMAINING SPECIAL INSPECTIONS THAT MAY BE REQUIRED.

THE STRUCTURAL ENGINEER OF RECORD IS NOT RESPONSIBLE FOR ENSURING THE SPECIAL INSPECTION PROGRAM IS CONDUCTED IN ACCORDANCE WITH THIS PLAN.

THIS STATEMENT OF SPECIAL INSPECTIONS INCLUDES THE FOLLOWING INSPECTION CATEGORIES:

- ☒ FABRICATORS
- ☒ SOILS
- ☐ DRIVEN DEEP FOUNDATIONS
- ☐ CAST-IN-PLACE DEEP FOUNDATIONS
- ☒ HELICAL PILE FOUNDATIONS
- ☐ H-PILES
- ☒ CONCRETE CONSTRUCTION
- ☐ MASONRY CONSTRUCTION - LEVEL 1
- ☐ MASONRY CONSTRUCTION - LEVEL 2
- ☐ MASONRY CONSTRUCTION - LEVEL 3
- ☒ STRUCTURAL STEEL CONSTRUCTION
- ☐ STRUCTURAL STEEL SEISMIC FORCE-RESISTING SYSTEM
- ☐ OPEN-WEB STEEL JOISTS AND JOIST GIRDERS
- ☒ COLD-FORMED STEEL DECK
- ☐ COLD-FORMED STEEL TRUSSES
- ☐ COLD-FORMED STEEL LIGHT FRAME CONSTRUCTION
- ☐ WOOD CONSTRUCTION

SPECIAL INSPECTION AGENCIES

RESPONSIBILITY	FIRM	ADDRESS AND TELEPHONE NUMBER
SPECIAL INSPECTOR	TO BE DETERMINED	-
-	-	-
-	-	-

NOTES:

1. THE INSPECTORS AND TESTING AGENCIES SHALL BE ENGAGED BY THE OWNER OR THE OWNER'S AGENT, AND NOT BY THE CONTRACTOR.
2. ANY CONFLICT OF INTEREST MUST BE DISCLOSED TO THE BUILDING OFFICIAL AND THE DESIGN PROFESSIONAL PRIOR TO COMMENCING WORK.
3. THE MINIMUM QUALIFICATIONS OF THE SPECIAL INSPECTOR(S) AND/OR TESTING AGENCIES SHALL BE THOSE LISTED IN THE MINIMUM SPECIAL INSPECTOR QUALIFICATIONS TABLE. THE QUALIFICATIONS OF THE SPECIAL INSPECTOR(S) AND/OR TESTING AGENCIES MAY BE SUBJECT TO THE APPROVAL OF THE BUILDING OFFICIAL.
4. INSPECTION OF FABRICATORS IS NOT REQUIRED WHERE THE FABRICATOR IS APPROVED IN ACCORDANCE WITH SECTION 1704.2.5.1 OF THE BUILDING CODE.

STRUCTURAL SPECIAL INSPECTION SCHEDULE: SOILS

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY: CONTINUOUS	FREQUENCY: PERIODIC	REFERENCED STANDARD	CODE REFERENCE
VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	X	-	X	-	1705.6
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	X	-	X	-	1705.6
PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	X	-	X	-	1705.6
DURING FILL PLACEMENT, VERIFY USE OF PROPER MATERIALS AND PROCEDURES IN ACCORDANCE WITH THE PROVISIONS OF THE APPROVED GEOTECHNICAL REPORT. VERIFY DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	X	-	-	1705.6
PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	X	-	X	-	1705.6

STRUCTURAL SPECIAL INSPECTION SCHEDULE: HELICAL PILE FOUNDATIONS

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY: CONTINUOUS	FREQUENCY: PERIODIC	REFERENCED STANDARD	CODE REFERENCE
OBSERVE INSTALLATION OPERATIONS AND MAINTAIN COMPLETE AND ACCURATE RECORDS FOR EACH ELEMENT. RECORDS SHALL INCLUDE EQUIPMENT USED, PILE DIMENSIONS, TIP ELEVATIONS, FINAL DEPTH, FINAL INSTALLATION TORQUE, AND OTHER INFORMATION REQUIRED BY PERTINENT INSTALLATION DATA AS REQUIRED BY HELICAL PILE DESIGNER.	X	X	-	-	1705.9

STRUCTURAL SPECIAL INSPECTION SCHEDULE: FABRICATORS

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY: CONTINUOUS	FREQUENCY: PERIODIC	REFERENCED STANDARD	CODE REFERENCE
VERIFY FABRICATION AND IMPLEMENTATION PROCEDURES					
STEEL CONSTRUCTION	X	-	X	-	1705.2
CONCRETE CONSTRUCTION (REBAR FABRICATION)	X	-	X	-	1705.3
WOOD CONSTRUCTION	-	-	X	-	1705.5
COLD FORM METAL CONSTRUCTION	-	-	X	-	1705.2
OTHER CONSTRUCTION	-	-	X	-	1705.1.1

STRUCTURAL SPECIAL INSPECTION SCHEDULE: CONCRETE CONSTRUCTION

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	FREQUENCY: CONTINUOUS	FREQUENCY: PERIODIC	REFERENCED STANDARD	CODE REFERENCE
INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT	X	-	X	ACI 318: Ch. 20, 25.2, 25.3, 26.6.1-26.6.3	-
REINFORCING BAR WELDING: a. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706; b. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 5/16"; AND c. INSPECT ALL OTHER WELDS.	-	- - X	X X -	AWS D1.4 ACI 318: 26.6.4	-
INSPECT ANCHORS CAST IN CONCRETE	X	-	X	ACI 318: 17.8.2	-
INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS. a. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS. b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN a.	X	X - -	- - X	ICC-ES/IAPMO REPORTS ACI 318: 17.8.2.4 ACI 318: 17.8.2	-
VERIFY USE OF REQUIRED DESIGN MIX.	X	-	X	ACI 318: Ch. 19, 26.4.3, 26.4.4	1904.1, 1904.2,
PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE.	X	X	-	ASTM C172 ASTM C31 ACI 318: 26.5, 26.12	-
INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES.	X	X	-	ACI 318: 26.5	-
VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES.	X	-	X	ACI 318: 26.5.3-26.5.5	-
INSPECT PRESTRESSED CONCRETE FOR: a. APPLICATION OF PRESTRESSING FORCES; AND b. GROUTING OF BONDED PRESTRESSING TENDONS.	X X	X X	- -	ACI 318: 26.10	-
INSPECT ERECTION OF PRECAST CONCRETE MEMBERS.	-	-	X	ACI 318: 26.9	-
VERIFY IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS.	X	-	X	ACI 318: 26.11.2	-
INSPECT FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED.	X	-	X	ACI 318: 26.11.1.2(b)	-
FOR PRECAST CONCRETE DIAPHRAGM CONNECTIONS OR REINFORCEMENT AT JOINTS CLASSIFIED AS MODERATE OR HIGH DEFORMABILITY ELEMENTS (MDE OR HDE) IN STRUCTURES ASSIGNED TO SEISMIC DESIGN CATEGORY C, D, E, OR F, INSPECT SUCH CONNECTIONS AND REINFORCEMENT IN THE FIELD FOR: a. INSTALLATION OF EMBEDDED PARTS b. COMPLETION OF THE CONTINUITY OR REINFORCEMENT ACROSS JOINTS. c. COMPLETION OF CONNECTIONS IN THE FIELD.	 X X X	 X X X	 - - -	ACI 318: 26.13.1.3 ACI 550.5	-
INSPECT INSTALLATION TOLERANCES OF PRECAST CONCRETE DIAPHRAGM CONNECTIONS FOR COMPLIANCE WITH ACI 550.5	X	-	X	ACI 318: 26.10	-

STRUCTURAL SPECIAL INSPECTION SCHEDULE: COLD-FORMED STEEL DECK

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	QC	QA	SDI REFERENCE
INSPECTION OR EXECUTION TASK PRIOR TO DECK PLACEMENT				
VERIFY COMPLIANCE OF MATERIALS (DECK AND ALL DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND BASE METAL THICKNESS	X	P	P	SDI QA/QC TABLE 1.1
DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES	X	P	P	
INSPECTION OR EXECUTION TASKS AFTER DECK PLACEMENT				
VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS	X	P	P	SDI QA/QC TABLE 1.2
VERIFY DECK MATERIALS ARE REPRESENTED BY THE MILL CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUMENTS	X	-	P	
DOCUMENTS ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES	X	P	P	
INSPECTION OR EXECUTION TASKS PRIOR TO WELDING				
WELDING PROCEDURE SPECIFICATIONS (WPS) AVAILABLE	X	O	O	SDI QA/QC TABLE 1.3
MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	X	O	O	
MATERIAL IDENTIFICATION (TYPE/GRADE)	X	O	O	
CHECK WELDING EQUIPMENT	X	O	O	
INSPECTION OR EXECUTION TASKS DURING WELDING				
USE OF QUALIFIED WELDERS	X	O	O	SDI QA/QC TABLE 1.4
CONTROL AND HANDLING OF WELDING CONSUMABLES	X	O	O	
ENVIRONMENTAL CONDITIONS (WIND SPEED, MOISTURE, TEMPERATURE)	X	O	O	
WPS FOLLOWED	X	O	O	
INSPECTION OR EXECUTION TASKS AFTER WELDING				
VERIFY SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS	X	P	P	SDI QA/QC TABLE 1.5
WELDS MEET VISUAL ACCEPTANCE CRITERIA	X	P	P	
VERIFY REPAIR ACTIVITIES	X	P	P	
DOCUMENT ACCEPTANCE OR REJECTION	X	P	P	
INSPECTION OR EXECUTION TASKS PRIOR TO MECHANICAL FASTENING				
MANUFACTURER INSTALLATION INSTRUCTIONS AVAILABLE FOR MECHANICAL FASTENERS	X	O	O	SDI QA/QC TABLE 1.6
PROPER TOOLS AVAILABLE FOR FASTENER INSTALLATION	X	O	O	
PROPER STORAGE FOR MECHANICAL FASTENERS	X	O	O	
INSPECTION OR EXECUTION TASKS DURING MECHANICAL FASTENING				
FASTENERS ARE POSITIONED AS REQUIRED	X	O	O	SDI QA/QC TABLE 1.7
FASTENERS ARE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS	X	O	O	
INSPECTION OR EXECUTION TASKS AFTER MECHANICAL FASTENING				
CHECK SPACING, TYPE, AND INSTALLATION OF SUPPORT FASTENERS	X	P	P	SDI QA/QC TABLE 1.8
CHECK SPACING, TYPE, AND INSTALLATION OF SIDELAP FASTENERS	X	P	P	
CHECK SPACING, TYPE, AND INSTALLATION OF PERIMETER FASTENERS	X	P	P	
VERIFY REPAIR ACTIVITIES	X	P	P	
DOCUMENT ACCEPTANCE OR REJECTION OF MECHANICAL FASTENERS	X	P	P	

STRUCTURAL SPECIAL INSPECTION SCHEDULE: STRUCTURAL STEEL CONSTRUCTION

VERIFICATION AND INSPECTION TASK	APPLICABLE TO THIS PROJECT?	QC	QA	AISC REFERENCE
INSPECTION TASKS PRIOR TO WELDING				
WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS	X	P	O	AISC 360 N5.4-1
WPS AVAILABLE	X	P	P	
MATERIAL CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	X	P	P	
MATERIAL IDENTIFICATION (TYPE / GRADE)	X	O	O	
WELDER IDENTIFICATION SYSTEM	X	O	O	
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY) • JOINT PREPARATIONS • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION) • BACKING TYPE AND FIT (IF APPLICABLE)	X	O	O	
FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y- AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY) • JOINT PREPARATIONS • DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION)	X	P	O	
CONFIGURATION AND FINISH OF ACCESS HOLES	X	O	O	
FIT-UP OF FILLET WELDS • DIMENSIONS (ALIGNMENT, GAPS AT ROOT) • CLEANLINESS (CONDITION OF STEEL SURFACES) • TACKING (TACK WELD QUALITY AND LOCATION)	X	O	O	
CHECK WELDING EQUIPMENT	X	O	-	
INSPECTION TASKS DURING TO WELDING				
CONTROL AND HANDLING OF WELDING CONSUMABLES • PACKAGING • EXPOSURE CONTROL	X	O	O	AISC 360, N5.4-2
NO WELDING OVER CRACKED TACK WELDS	X	O	O	
ENVIRONMENTAL CONDITIONS • WIND SPEED WITHIN LIMITS • PRECIPITATION AND TEMPERATURE	X	O	O	
WPS FOLLOWED • SETTING OF WELDING EQUIPMENT • TRAVEL SPEED • SELECTED WELDING MATERIALS • SHIELDING GAS TYPE / FLOW RATE • PREHEAT APPLIED • INTERPASS TEMPERATURE MAINTAINED (MIN. / MAX.) • PROPER POSITION (F, V, H, OH)	X	O	O	
WELDING TECHNIQUES • INTERPASS AND FINAL CLEANING • EACH PASS WITHIN PROFILE LIMITATIONS • EACH PASS MEETS QUALITY REQUIREMENTS	X	O	O	
PLACEMENT AND INSTALLATION OF STEEL HEADED STUD ANCHORS	X	P	P	
INSPECTION TASKS AFTER WELDING				
WELDS CLEANED	X	O	O	AISC 360, N5.4-3
SIZE, LENGTH AND LOCATION OF WELDS	X	P	P	
WELDS MEET VISUAL ACCEPTANCE CRITERIA • CRACK PROHIBITION • WELD / BASE-METAL FUSION • CRATER CROSS SECTION • WELD PROFILES • WELD SIZE • UNDERCUT • POROSITY	X	P	P	
ARC STRIKES	X	P	P	
k-AREA - WHEN WELDING OF DOUBLER PLATES, CONTINUITY PLATES OR STIFFENERS HAS BEEN PERFORMED IN THE k-AREA, VISUALLY INSPECT THE WEB k-AREA FOR CRACKS WITHIN 3 in. OF THE WELD	X	P	P	
VISUALLY INSPECT THE WELD ACCESS HOLE FOR CRACKS AFTER WELDING ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES	X	P	P	
BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	X	P	P	
REPAIR ACTIVITIES	X	P	P	
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	X	P	P	
NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE STRUCTURAL ENGINEER	X	O	O	
NONDESTRUCTIVE TESTING OF WELDED JOINTS				
STRUCTURES IN RISK CATEGORY III OR IV; UT ALL COMPLETE-JOINT-PENETRATION (CJP) WELDS IN MATERIALS 5/16" OR THICKER.	X	P	P	AISC 360, N5.5
STRUCTURES IN RISK CATEGORY II, UT ALL COMPLETE-JOINT-PENETRATION (CJP) WELDS IN MATERIALS 5/16" OR THICKER.	X	P	P	
INSPECTION TASKS PRIOR TO BOLTING				
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	X	O	P	AISC 360, N5.6
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	X	O	O	
CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)	X	O	O	
CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	X	O	O	
CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	X	O	O	
PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED	X	P	O	
PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS AND OTHER FASTENER COMPONENTS	X	O	O	
INSPECTION TASKS DURING BOLTING				
FASTENER ASSEMBLIES PLACED IN ALL HOLES AND WASHERS AND NUTS ARE POSITIONED AS REQUIRED	X	O	O	AISC 360, N5.6
JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRETENSIONING OPERATION	X	O	O	
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	X	O	O	
FASTENERS ARE PRETENSIONED IN ACCORDANCE WITH THE RCSC *SPECIFICATION*, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	X	O	O	
INSPECTION TASKS AFTER BOLTING				
DOCUMENT ACCEPTANCE OR REJECTION OF BOLTED CONNECTIONS	X	P	P	AISC 360, N5.6

MINIMUM SPECIAL INSPECTOR QUALIFICATIONS

CATEGORY OF TESTING AND INSPECTION	MINIMUM QUALIFICATIONS (REFER TO KEY AT END OF TABLE): SHOP TESTING OR INSPECTION	FIELD TESTING OR INSPECTION	REVIEW TESTING, CERTIFICATION & LAB REPORTS
1704.2.5 INSPECTION OF FABRICATORS			
PRE-CAST CONCRETE CONSTRUCTION	A, C, E	-	-
STRUCTURAL STEEL CONSTRUCTION	C, F, G	-	-
WOOD CONSTRUCTION	A	-	-
COLD FORMED METAL CONSTRUCTION	A	-	-
1705.2, 1705.11, 1705.12, & 1705.13 STEEL CONSTRUCTION			
VERIFICATION OF WELDING CONSUMABLES, FILLER METALS, PROCEDURE SPECIFICATIONS, PROCEDURE QUALIFICATION RECORDS, AND PERSONNEL PERFORMANCE QUALIFICATION RECORDS	-	-	C, F
NONDESTRUCTIVE TESTING OF WELDING	G	G	-
INSPECTION OF WELDING	C, F	C, F	-
VERIFICATION OF FABRICATOR AND ERECTOR DOCUMENTS AS LISTED IN AISC 360, CHAPTER N, PARAGRAPH 3.2	-	-	A, C
MATERIAL VERIFICATION OF WELD FILLER MATERIALS	-	-	C, F
INSPECTION OF HIGH STRENGTH BOLTING AND STEEL FRAME JOINT DETAILS	-	A, C	-
INSPECTION OF EMBEDMENT	-	A, C, F	-
INSPECTION OF STEEL ELEMENTS OF COMPOSITE CONSTRUCTION	-	A, C, F	-
VERIFICATION OF REINFORCING STEEL, COLD FORMED STEEL DECK AND TRUSS MATERIALS	-	-	A, C, F
INSPECTION OF REINFORCING STEEL, COLD FORMED STEEL DECK AND TRUSSES	-	A, C	-
1705.3 & 1705.13 CONCRETE CONSTRUCTION			
REINFORCING PLACEMENT, CAST-IN-PLACE BOLTS, POST INSTALLED ANCHORS CONCRETE AND SHOTCRETE PLACEMENT AND CURING OPERATIONS. INSPECTION OF FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS	-	A, C, H	-
PRE-STRESSING STEEL INSTALLATION	-	A, C, D, E	-
ERECTION OF PRE-CAST CONCRETE MEMBERS	-	A, C, H	-
CONCRETE FIELD SAMPLING AND TESTING	-	A, J	-
CONCRETE STRENGTH TESTING	-	M	-
REVIEW CERTIFIED MILL REPORTS	-	-	A, C
VERIFY USE OF REQUIRED DESIGN MIX	-	A, I, J, H, C	-
PRE-STRESSED (PRE-TENSIONED) CONCRETE FORCE APPLICATION	A, C, E	-	-
POST-TENSIONED CONCRETE FORCE APPLICATION	-	A, C, D	-
REVIEW OF IN-SITU CONCRETE STRENGTH, PRIOR TO STRESSING OF TENDONS IN POST-TENSIONED CONCRETE AND PRIOR TO REMOVAL OF SHORES AND FORMS FROM BEAMS AND STRUCTURAL SLABS	-	A, C, D, H	-
REINFORCING STEEL WELDABILITY, REINFORCING WELDING, WELD FILLER MATERIAL	-	C, F	-
TESTING OF WELDING OF REINFORCING STEEL	-	G	-
1705.4 MASONRY CONSTRUCTION			
VERIFICATION OF f'_m AND f_{AAC}	-	A, C, K	-
MORTAR JOINT CONSTRUCTION, GROUT PROTECTION AND PLACEMENT, MATERIALS PROPORTION, TYPE/SIZE/LOCATION OF REINFORCEMENT, STRUCTURAL ELEMENTS, ANCHORAGE, AND CONNECTORS	-	A, C	-
SAMPLING/TESTING OF GROUT/MORTAR SPECIMENS	-	A, C, K	-
OBSERVE PREPARATION OF MASONRY PRISMS FOR TESTING OF COMPRESSIVE STRENGTH OF MASONRY, f'_m AND f_{AAC}	-	A, C, K	-
INSPECTION OF WELDING OF REINFORCING STEEL	-	C, F	-
TESTING OF WELDING OF REINFORCING STEEL	-	G	-
1705.6 & 1804 SOILS			
OBSERVE SITE PREPARATION, FILL PLACEMENT TESTING OF COMPACTION FOR COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS FOR THE PROJECT	-	A, C, I, L	-
OBSERVE TEST BEARING MATERIALS BELOW SHALLOW FOUNDATIONS FOR ABILITY TO ACHIEVE DESIGN BEARING CAPACITY	-	A, C, L, I (LEVEL III)	-
REVIEW COMPACTION TESTING FOR COMPLIANCE WITH THE CONSTRUCTION DOCUMENTS FOR THE PROJECT	-	-	A
1705.5, 1705.10, 1705.12, & 1705.13 WOOD CONSTRUCTION			
OBSERVE STRUCTURAL PANEL SHEATHING, SIZE OF FRAMING MEMBERS, NAIL OR STAPLE DIAMETER AND LENGTH, NUMBER OF FASTENER LINES, AND SPACING OF FASTENER LINES AND FASTENERS FOR COMPLIANCE WITH CONSTRUCTION DOCUMENTS FOR THE PROJECT	-	A	-
OBSERVE TEMPORARY AND PERMANENT TRUSS MEMBER RESTRAINT/BRACING, FIELD GLUING OF ELEMENTS. OBSERVE BOLTING, ANCHORING OR OTHER FASTENING OF: SHEAR WALLS, DIAPHRAGMS, DRAG STRUTS, BRACES AND HOLD-DOWNS	-	A	-
1705.7, 1705.8, 1705.9 & 1810 PILE AND PIER FOUNDATIONS			
OBSERVE INSTALLATION	-	A, L	-
OBSERVE LOAD TESTS	-	A	-
1705.1 SPECIAL CASES			
WORK OF UNUSUAL OR SPECIAL NATURE	-	A, N	-

KEY:
A. LICENSED PROFESSIONAL ENGINEER COMPETENT IN THE SPECIFIC TASK AREA.
B. REGISTERED ARCHITECT COMPETENT IN THE SPECIFIC TASK AREA.
C. ICC SPECIAL INSPECTOR CERTIFICATION SPECIFIC TO THE MATERIAL AND TESTING METHODOLOGY AS APPLICABLE.
D. PTI CERTIFICATION, LEVEL 2, BONDED OR UNBONDED AS APPLICABLE
E. PCI CERTIFIED INSPECTOR
F. AWS-CWI CERTIFIED WELDING INSPECTOR
G. ASNT NON-DESTRUCTIVE TESTING TECHNICIAN - LEVEL II OR III.
H. ACI CONCRETE CONSTRUCTION SPECIAL INSPECTOR
I. NICET TECHNICIAN - LEVELS II OR HIGHER SPECIFIC TO THE MATERIAL AND TESTING METHODOLOGY AS APPLICABLE.
J. ACI CONCRETE FIELD TESTING TECHNICIAN w/GRADE 1 CERTIFICATION.
K. NCMA CONCRETE MASONRY TESTING PROCEDURES CERTIFICATION
L. NICET CERTIFIED ENGINEERING TECHNOLOGISTS (CT).
M. ACI STRENGTH TESTING TECHNICIAN
N. OTHER QUALIFIED SPECIAL INSPECTOR AS APPROVED BY THE BUILDING OFFICIAL AND STRUCTURAL ENGINEER

ORGANIZATION ABBREVIATIONS:
ACI - AMERICAN CONCRETE INSTITUTE
AWS - AMERICAN WELDING SOCIETY
ASNT - AMERICAN SOCIETY OF NON-DESTRUCTIVE TESTING
ICC - INTERNATIONAL CODE COUNCIL
NCMA - NATIONAL CONCRETE MASONRY ASSOCIATION
NICET - NATIONAL INSTITUTE FOR CERTIFICATION IN ENGINEERING TECHNOLOGIES
PTI - POST-TENSIONING INSTITUTE
PCI - PRECAST/PRESTRESSED CONCRETE INSTITUTE

NOTES:
1. THE SPECIAL INSPECTOR SHALL MEET ONE OF THE MINIMUM QUALIFICATIONS LISTED FOR THE APPLICABLE CATEGORY OF TESTING AND INSPECTION SUBJECT TO APPROVAL OF THE BUILDING OFFICIAL.
2. MATERIALS TESTING SHALL BE DONE BY AN APPROVED TESTING AGENCY MEETING THE REQUIREMENTS OF IBC SECTION 1703 AND ASTM E 329.

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

STATE OF MISSOURI
MICHAEL CORTEN LINDSEY
NUMBER 2010036194
PROFESSIONAL ENGINEER
4-18-25

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

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

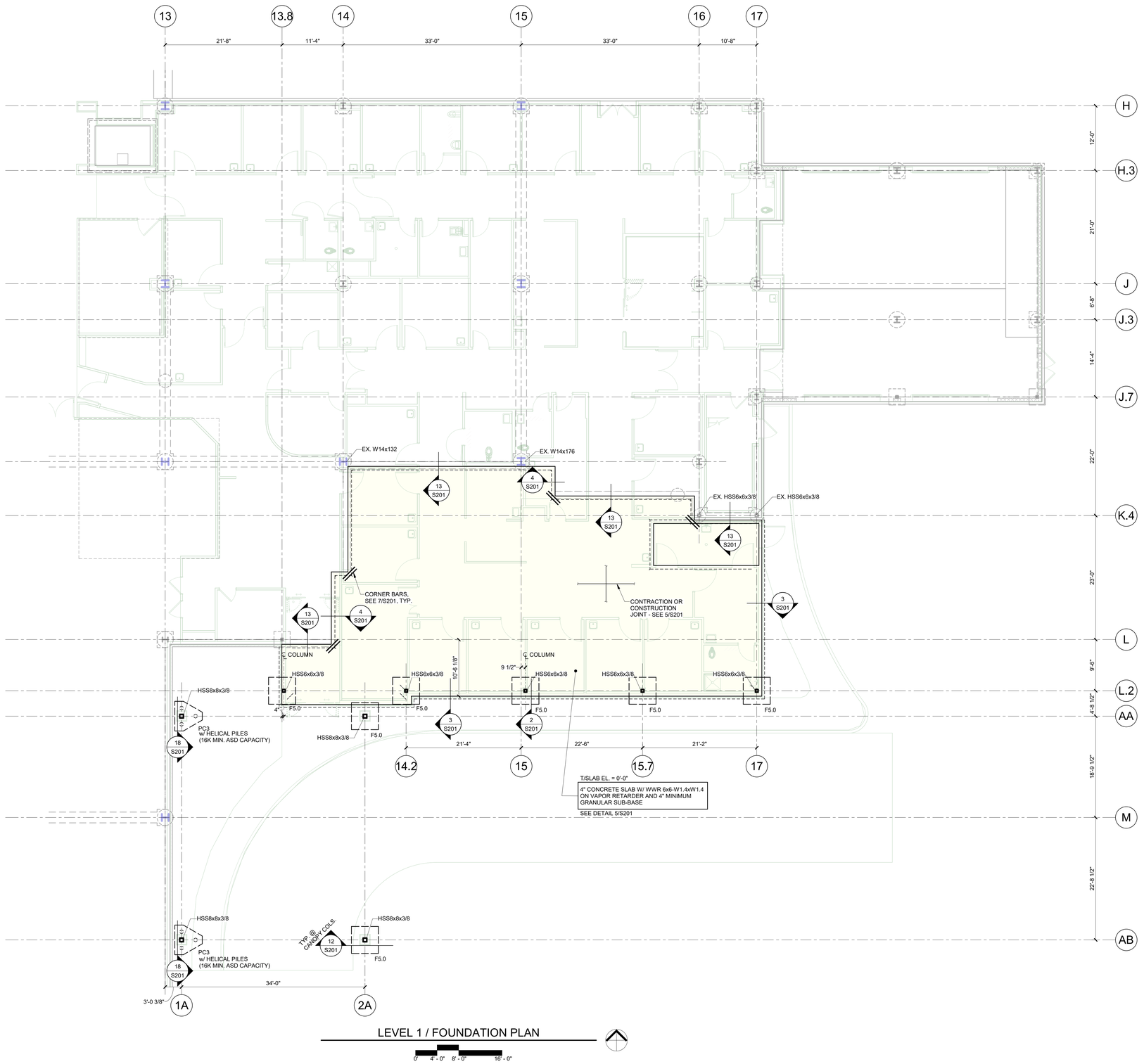
REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	04/18/25
SCALE:	12" = 1'-0"
DRAWN:	JL
REVIEWED:	JDP & KF
JOB NUMBER:	6406.24.0003

SPECIAL INSPECTIONS AND WIND PRESSURES DIAGRAM

S021

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)_rvt23/24237-Lee's_Summit_MC_ED_Exp-SDL23.rvt
4/18/2025 7:45:02 AM

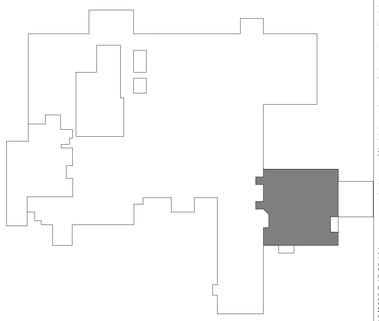


LEVEL 1 / FOUNDATION PLAN

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



RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

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

STATE OF MISSOURI
MICHAEL JOSEPH LINDSEY
NUMBER 2012037294
PROFESSIONAL ENGINEER
4.18.25

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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

AUTHORITY HAVING JURISDICTION'S PROJECT NO:

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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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T: 602.943.8950

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Consultant:

1966 SDL
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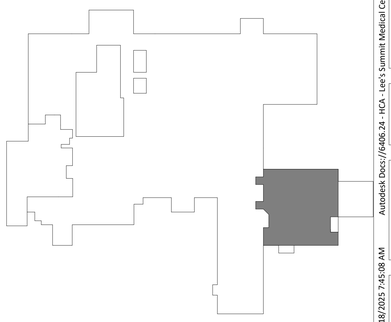

LEVEL 2 / ROOF FRAMING PLAN

S102

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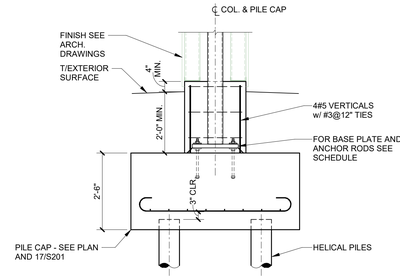
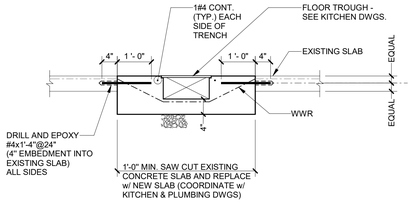
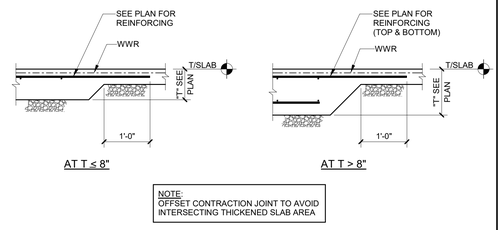


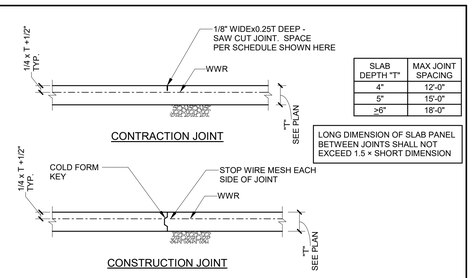
18 SECTION AT PILE CAP



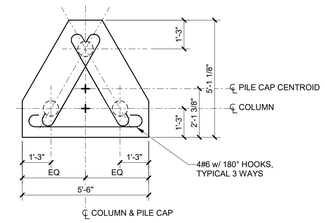
14 TYPICAL SECTION THROUGH NEW FLOOR TRENCH DUCT (AT EXISTING SLAB)



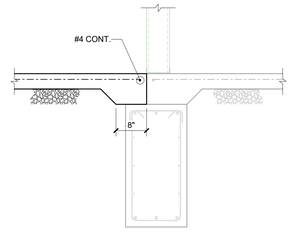
9 TYPICAL THICKENED SLAB ON GROUND DETAILS



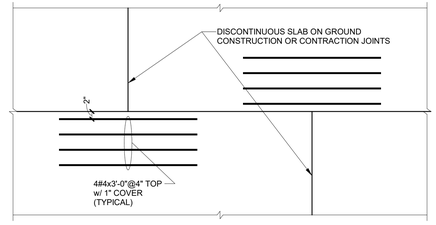
5 TYPICAL SLAB ON GROUND DETAILS



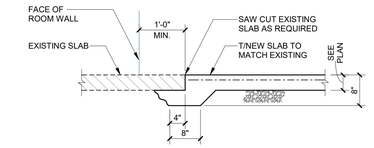
17 PILE CAP TYPE "PC3"



13 SECTION AT EXISTING



8 TYP. REINFORCING AT DISCONTINUOUS JOINTS

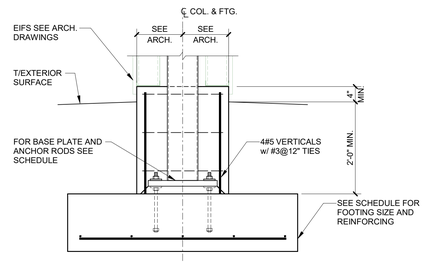


4 TYPICAL NEW SLAB SECTION AT EXISTING SLAB

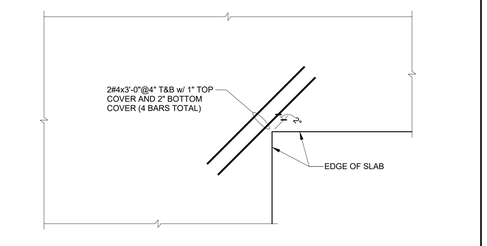
ANCHOR ROD DIAMETER (INCHES)	MAXIMUM HOLE DIAMETER (INCHES)	MINIMUM WASHER WIDTH (INCHES) NOTE 1	MINIMUM WASHER THICKNESS (INCHES)	BASE PLATE GROUT (INCHES)	WELD, "Y" WASHER TO BASE PLATE (INCHES)
3/4	1 5/16	2	1/4	2	3/16, NOTE 2
7/8	1 9/16	2 1/2	5/16	2	3/16, NOTE 2
1	1 7/8	3	3/8	2	3/16, NOTE 2
1 1/4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

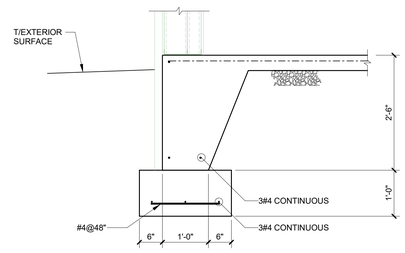
16 PLATE WASHER & GROUT THICKNESS SCHEDULE



12 SECTION AT CANOPY COLUMN

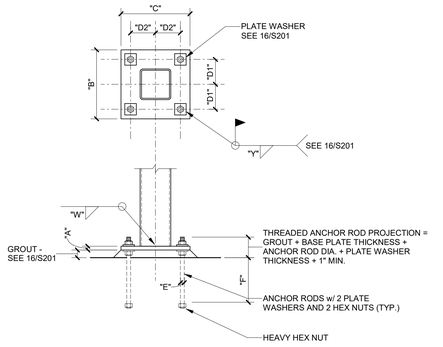


7 TYPICAL REINFORCING AT SLAB ON GROUND RE-ENTRANT CORNERS



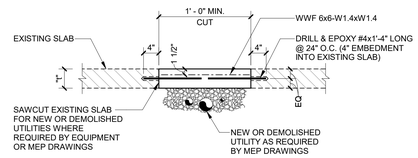
3 TYPICAL TURNED DOWN SLAB

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"

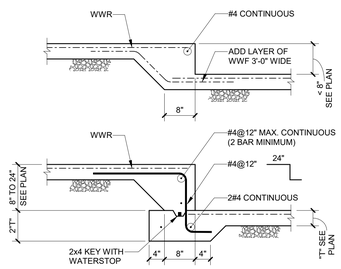


15 BASE PLATE AND ANCHOR ROD SCHEDULE

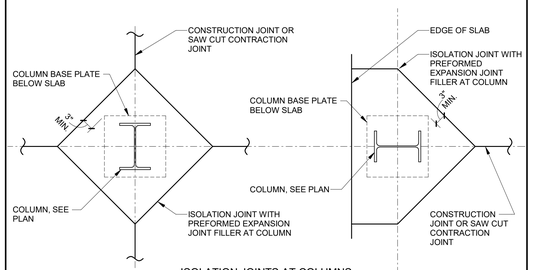
NOTE:
FOR USE IN RENOVATION AREAS. SEE MEP DRAWINGS FOR LOCATIONS OF NEW OR DEMOLISHED UTILITIES.



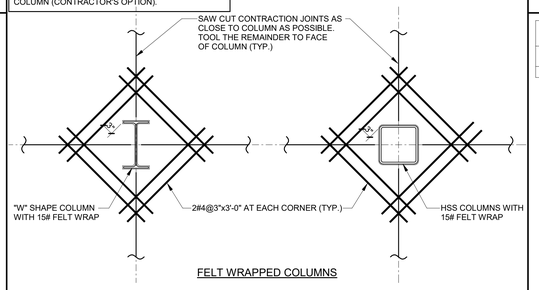
11 SECTION AT NEW/DEMOLISHED UTILITIES AT EXISTING SLAB



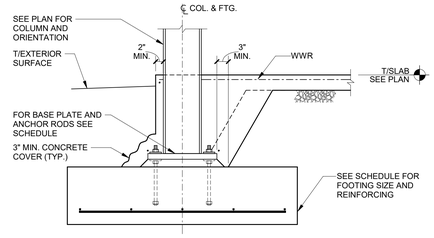
10 TYP. DEPRESSED SLAB ON GROUND DETAILS



NOTE:
ISOLATION OF COLUMNS IS REQUIRED. PROVIDE EITHER ISOLATION JOINTS OR FELT WRAP AT COLUMN (CONTRACTOR'S OPTION).



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

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

Devenney GROUP

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

MICHAEL CORTNEY MILLER NUMBER 2012019784 STATE OF MISSOURI PROFESSIONAL ENGINEER 4/18/25

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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

AUTHORITY HAVING JURISDICTION'S PROJECT NO:

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

FOUNDATION AND SLAB ON GROUND SECTIONS AND DETAILS

S201

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Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/24237-Lee's_Summit_MC_ED_Exp-SD.23.rvt

4/18/2025 7:45:10 AM

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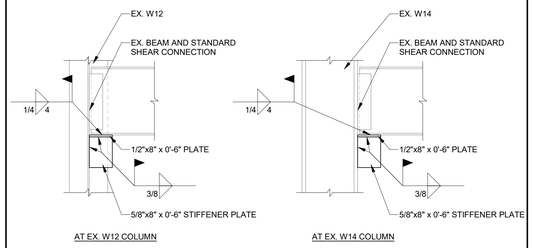
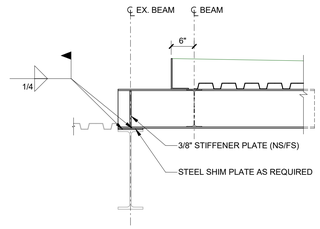
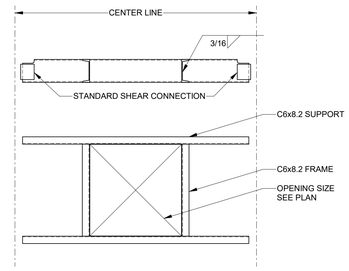


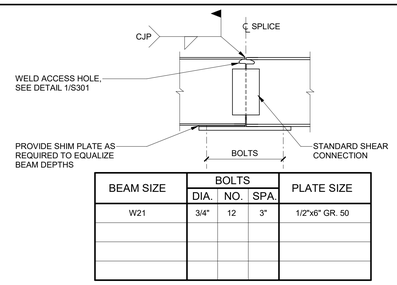
19 EX. BEAM CONNECTION REINFORCING



14 SECTION AT EXISTING ROOF

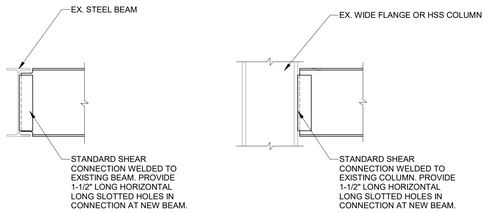


9 TYPICAL ROOF OPENING FRAME (OPENINGS GREATER THAN 30")

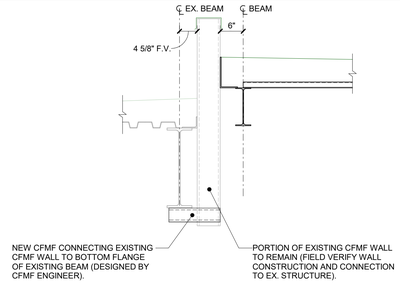


BEAM SIZE	BOLTS			PLATE SIZE
	DIA.	NO.	SPA.	
W21	3/4"	12	3"	1/2"x6" GR. 50

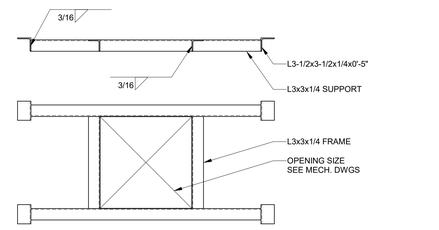
4 TYPICAL WELDED/BOLTED MOMENT SPLICE



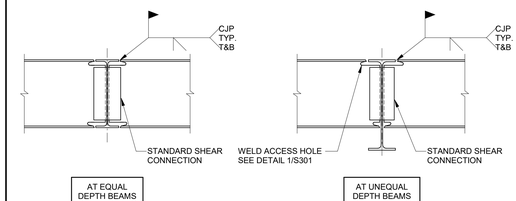
18 TYP. SECTION AT NEW BEAM TO EXISTING



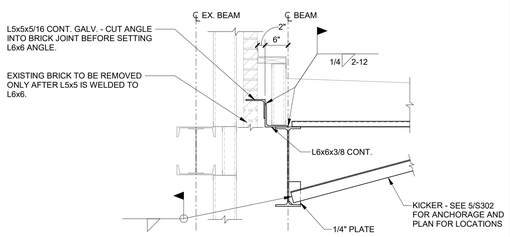
13 SECTION AT EXISTING ROOF



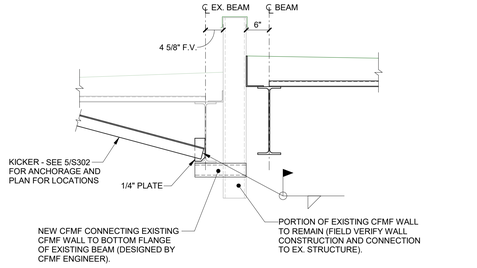
8 TYPICAL ROOF OPENING FRAME (OPENINGS LESS THAN 30")



3 TYPICAL MOMENT CONNECTION DETAILS

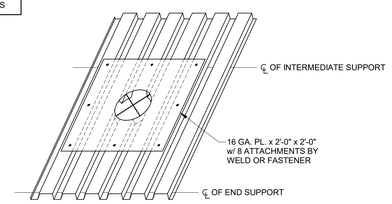


17 SECTION AT STAIR



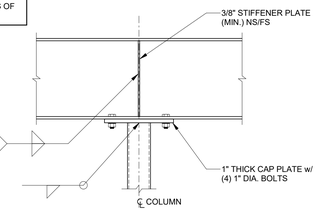
12 SECTION AT EXISTING ROOF

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

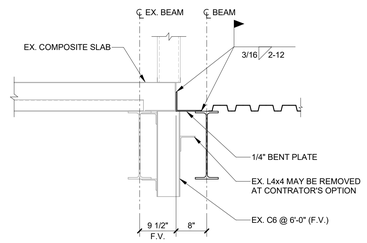


7 TYPICAL ROOF DECK OPENING (LESS THAN 14" DIAMETER)

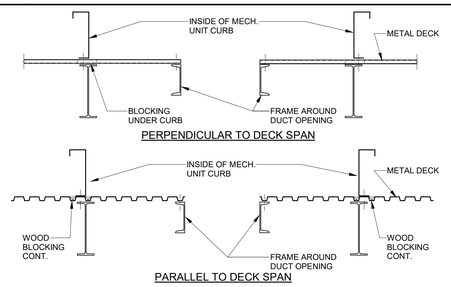
NOTE:
SEE 6/S302 FOR CONDITIONS WHERE BOLTS ON BOTH SIDES OF COLUMN ARE NOT POSSIBLE.



2 TYPICAL BEAM TO COLUMN CONNECTION CONTINUOUS/CANTILEVERED BEAMS



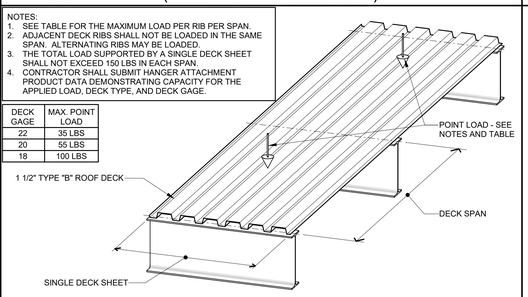
16 SECTION AT EXISTING FLOOR SLAB



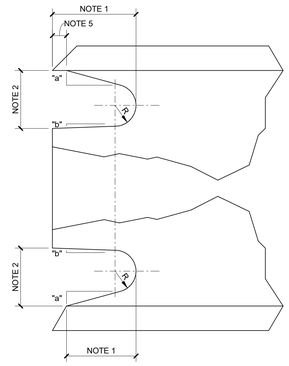
11 MECHANICAL UNIT CURB MOUNTING DETAIL

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

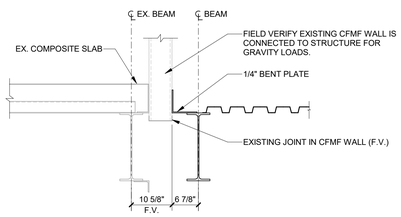


6 TYP. ROOF DECK POINT LOAD RESTRICTIONS (1 1/2" TYPE "B" ROOF DECK)

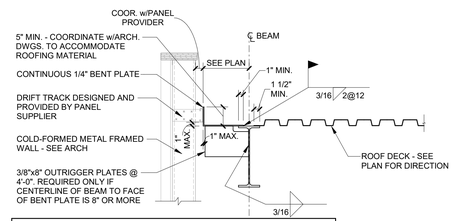


NOTES:
1. LENGTH: GREATER OF 1.5tw OR 1 1/2".
2. HEIGHT: GREATER OF 1.0tw OR 1" BUT NEED NOT EXCEED 2".
3. R = 3/8" MIN. GRIND THE THERMALLY CUT SURFACES OF WELD ACCESS HOLES IN HEAVY SHAPES AS DEFINED IN AISC 360-10 SECTIONS A3.1(c) AND (d)
4. SLOPE "a" FORMS A TRANSITION FORM THE WEB TO THE FLANGE. 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

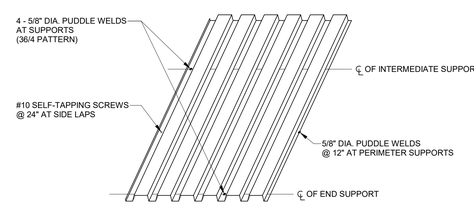


15 SECTION AT EXISTING FLOOR SLAB



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

Consultant:
SDL 1966
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Structural Engineers
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615 320 1735
Project No. 24237.00

STATE OF MISSOURI
MICHAEL LORIN LINDSEY
NUMBER 2006021284
PROFESSIONAL ENGINEER
4-18-25

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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

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STEEL & ROOF FRAMING SECTIONS AND DETAILS

S301

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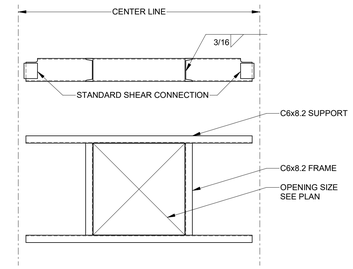
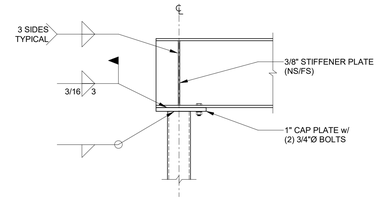


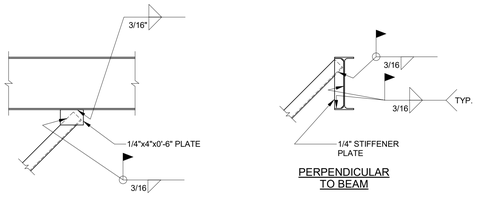
3 TYPICAL FLOOR OPENING FRAME

NOTES:

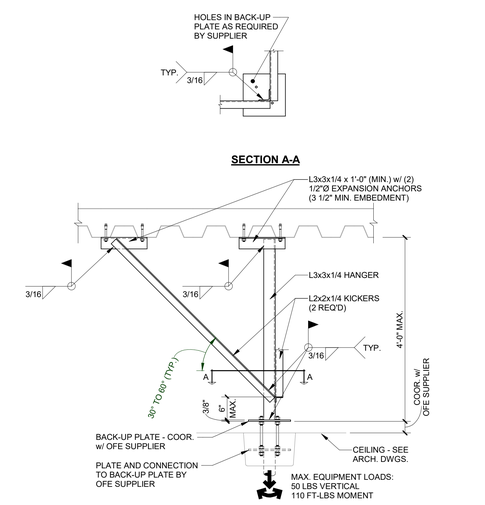
1. UNISTRUT MAY BE SUBMITTED AS AN ALTERNATE TO STRUCTURAL STEEL. THE UNISTRUT SUPPORT SHALL BE DESIGNED BY THE UNISTRUT SUPPLIER AND SUBMITTED AS A SUBSTITUTION REQUEST.
2. THE BACK-UP PLATE MAY BE OMITTED AND REPLACED WITH AN ANCHOR PLATE PROVIDED BY THE OFE SUPPLIER. CONTRACTOR SHALL COORDINATE WITH THE OFE SUPPLIER.
3. SEE ARCHITECTURAL AND OFE DRAWINGS FOR LOCATIONS, ORIENTATIONS, AND QUANTITIES.



6 TYPICAL BEAM TO HSS COLUMN CONNECTION (CONTINUOUS/CANTILEVERED BEAMS)



5 TYPICAL KICKER ANCHORAGE AT BEAMS



2 EXAM LIGHT SUPPORT (AT COMPOSITE SLABS)

NOTES:

1. UNISTRUT MAY BE SUBMITTED AS AN ALTERNATE TO STRUCTURAL STEEL. THE UNISTRUT SUPPORT SHALL BE DESIGNED BY THE UNISTRUT SUPPLIER AND SUBMITTED AS A SUBSTITUTION REQUEST.
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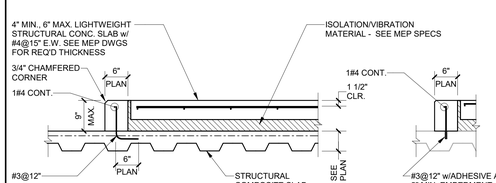

NOTES:

1. THE CONTRACTOR SHALL PROVIDE CONCRETE PADS ADEQUATE FOR THE SUPPORT OF THE MEP EQUIPMENT. THE THICKNESS OF MECHANICAL EQUIPMENT PADS SHALL BE COORDINATED WITH THE ARCHITECTURAL AND MEP DRAWINGS.
2. EXACT SIZES, LOCATIONS, HEIGHTS, AND ANY SPECIAL DETAILS FOR THE PADS SHALL BE OBTAINED FROM THE VENDORS BEFORE INSTALLATION OF THE PADS.
3. ALL EMBEDDED ITEMS SHALL BE COORDINATED WITH THE EQUIPMENT SUPPLIER.
4. USE DETAIL "B" ONLY UNDER EQUIPMENT SUPPORTED ON FLOATING SLABS. SEE MEP DRAWINGS FOR LOCATIONS.

4 EQUIPMENT PAD AND CURB DETAILS

NOTES:

1. UNISTRUT MAY BE SUBMITTED AS AN ALTERNATE TO STRUCTURAL STEEL. THE UNISTRUT SUPPORT SHALL BE DESIGNED BY THE UNISTRUT SUPPLIER AND SUBMITTED AS A SUBSTITUTION REQUEST.
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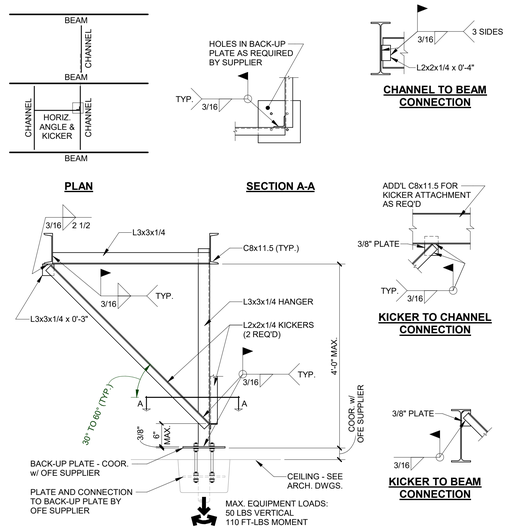

1 EXAM LIGHT SUPPORT (AT ROOF DECK)

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

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Consultant:

Structural Engineers
750 Old Hickory Blvd.
Building 1, Suite 175
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615 320 1735

Stanley D. Lindsey and Associates, Ltd.

Project No. 24237.00

STATE OF MISSOURI
MICHAEL CORBIN ALDER
NUMBER A-2012037294
PROFESSIONAL ENGINEER
4-18-25

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STEEL & ROOF FRAMING SECTIONS AND DETAILS

S302

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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"**

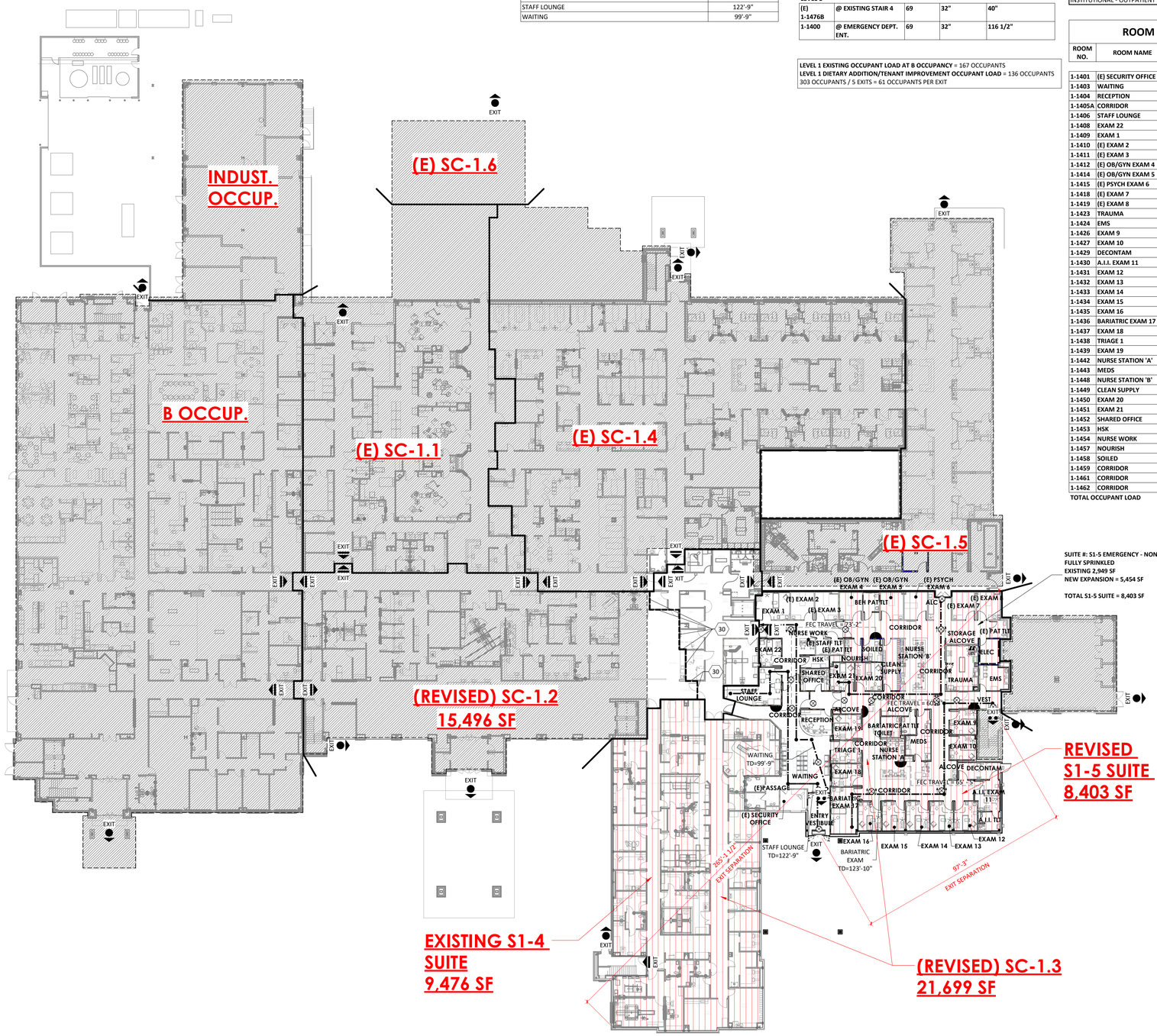
LEVEL 1 EXISTING OCCUPANT LOAD AT B OCCUPANCY = 167 OCCUPANTS
LEVEL 1 DIETARY ADDITION/TENANT IMPROVEMENT OCCUPANT LOAD = 136 OCCUPANTS
303 OCCUPANTS / 5 EXITS = 61 OCCUPANTS PER EXIT

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
- 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

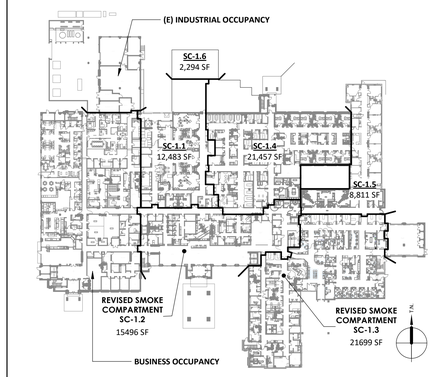
LIMITS OF CONSTRUCTION (SHADE INDICATES AREA OUTSIDE OF SCOPE)

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.

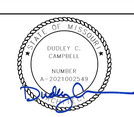
SMOKE COMPARTMENT PLAN



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:



DATE SIGNED: 04.18.25

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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

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

LIFE SAFETY FLOOR PLAN – LEVEL 1

AC101

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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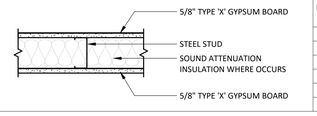
SUMMARY OF REQUIRED FIRE PROTECTION ASSEMBLIES

CATEGORY	FUNCTION	DESCRIPTION	REQUIRED RATING	TYPE OF PROTECTION	BASIS OF DESIGN PRODUCT	LISTED DETAIL	NOTES
PRIMARY STRUCTURAL FRAME	INTERIOR FRAMING	STEEL COLUMN BEAM / GIRDER SUPPORTS	**2-HOUR**	GYPSUM BASED SPRAY-APPLIED FIRE RESISTIVE MATERIAL	CAFCO 300	**UL DESIGN X790**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	4TH FLOOR DECK FRAMING	STEEL GIRDERS / BEAMS / JOISTS SUPPORTING STEEL FLOOR DECKING	**2-HOUR**	GYPSUM BASED SPRAY-APPLIED FIRE RESISTIVE MATERIAL	CAFCO 300	**UL DESIGN D982**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	ROOF DECK FRAMING	STEEL GIRDERS / BEAMS / JOISTS SUPPORTING STEEL ROOF DECKING	**1-HOUR**	GYPSUM BASED SPRAY-APPLIED FIRE RESISTIVE MATERIAL	CAFCO 300	**UL DESIGN P723**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
FLOOR & ROOF CONSTRUCTION & ASSOCIATED SECONDARY MEMBERS	4TH FLOOR DECK	COMPOSITE FLUTED STEEL & CONCRETE FLOOR DECK	**2-HOUR**	MATERIAL ASSEMBLY EQUIVALENCY / INHERENT RATING	N/A	**UL DESIGN D982**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	ROOF DECK	LIGHTWEIGHT INSULATION CONCRETE OVER FLUTED STEEL ROOF DECKING	**1-HOUR**	GYPSUM BASED SPRAY-APPLIED FIRE RESISTIVE MATERIAL	VARIES - SEE UL DETAIL	**UL DESIGN P921**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
PARTITIONS	SEPARATION OF ACCESSORY USE AREAS PER NFPA	RATED PARTITIONS	**1-HOUR**	GYPSUM BOARD / STEEL STUD ASSEMBLY	US GYPSUM PRODUCTS	**UL DESIGN U419**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	OCCUPANCY SEPARATION	RATED PARTITIONS	**2-HOUR**	GYPSUM BOARD / STEEL STUD ASSEMBLY	US GYPSUM PRODUCTS	**UL DESIGN U419**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	OCCUPANCY SEPARATION	RATED PARTITIONS	**2-HOUR**	GYPSUM BOARD / STEEL STUD ASSEMBLY	US GYPSUM PRODUCTS	**UL DESIGN U419**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	STAIR & ELEVATOR SHAFTS	RATED SHAFT WALLS	**2-HOUR**	GYPSUM BOARD / STEEL STUD ASSEMBLY	US GYPSUM PRODUCTS	**UL DESIGN U469**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	MECHANICAL SHAFTS	RATED SHAFT WALLS	**2-HOUR**	GYPSUM BOARD / STEEL STUD ASSEMBLY	US GYPSUM PRODUCTS	**UL DESIGN U469**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
JOINTS	INTERIOR STUD PARTITION HEAD TERMINATION @ RATED DECK	RATED WALL JOINT	**1-HOUR & 2-HOUR**	FIRE RESISTIVE JOINT MATERIAL ASSEMBLY FOR STUD ASSEMBLIES	US GYPSUM PRODUCTS	**UL DESIGN HW-D-0160**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	INTERIOR SHAFT STUD WALL HEAD / SILL TERMINATIION	RATED WALL JOINT	**1-HOUR & 2-HOUR**	FIRE RESISTIVE JOINT MATERIAL ASSEMBLY FOR STUD ASSEMBLIES	US GYPSUM PRODUCTS	**UL DESIGN HW-D-0646**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	PENETRATION OF RATED STUD PARTITIONS BY STRUCTURAL FRAMING MEMBERS	RATED PENETRATION JOINT	**1-HOUR & 2-HOUR**	FIRE RESISTIVE JOINT MATERIALS FOR STUD ASSEMBLIES	VARIES - SEE UL DETAIL	**UL DESIGN HW-D-0218**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	EDGE OF 4TH FLOOR SLAB AT CURTAIN WALLS	RATED SLAB EDGE JOINT	**2-HOUR**	FIRE RESISTIVE JOINT MATERIAL ASSEMBLY FOR DISSIMILAR MATERIALS	VARIES - SEE UL DETAIL	**UL DESIGN CW-D-2042**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	INTERIOR RATED EXPANSION JOINT AT SMOKE BARRIER WALLS	RATED EXPANSION JOINT	**1-HOUR**	FIRE RESISTIVE JOINT MATERIAL ASSEMBLY FOR GYPSUM BOARD	**FIRELINE S20**	**GUARDIAN LISTING: F520-2IM-2/26W**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
PENETRATIONS	RATED PARTITION PENETRATIONS FOR MECHANICAL, PLUMBING, OR ELECTRICAL ITEMS	VARIOUS PENETRATIONS THROUGH RATED PARTITIONS AS REQUIRED	**1-HOUR & 2-HOUR**	FIRE RESISTIVE JOINT MATERIAL / ASSEMBLY	VARIES	**UL DESIGN HW-D-0098 UL DESIGN W-L-1001 UL DESIGN W-L-1146 UL DESIGN W-L-1166 UL DESIGN W-L-3194 UL DESIGN W-L-3195 UL DESIGN W-L-3289 UL DESIGN W-L-4037 UL DESIGN W-L-5168 UL DESIGN W-L-5039 UL DESIGN W-L-5147 UL DESIGN W-L-7019 UL DESIGN W-L-7063**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION
	RATED DECK PENETRATIONS FOR MECHANICAL, PLUMBING, OR ELECTRICAL ITEMS	VARIOUS PENETRATIONS THROUGH RATED DECKING AS REQUIRED	**1-HOUR**	FIRE RESISTIVE JOINT MATERIAL / ASSEMBLY	VARIES	**UL DESIGN C-AJ-1044 UL DESIGN C-AJ-1429 UL DESIGN C-AJ-5119 UL DESIGN C-AJ-4056 UL DESIGN C-AJ-5156 UL DESIGN C-AJ-5001 UL DESIGN C-AJ-5183 UL DESIGN C-AJ-6041 UL DESIGN C-AJ-5210 UL DESIGN C-AJ-7076 UL DESIGN C-AJ-7081**	SEE "LISTED DETAILS" SHEETS FOR FULL DETAIL DESCRIPTION

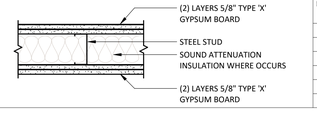
A



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

MODIFIERS:
1. - 25 GAUGE STEEL STUDS AT 24" O.C. W/ 3" SOUND ATTENUATION FIRE BLANKETS IN CAVITY AND (1) LAYER. EXTEND GYP BOARD ON BOTH SIDES UP TO DECK ABOVE WITH ACOUSTICAL SEALANT AT TOP AND BOTTOM OF WALL.
2. PARTIAL HEIGHT, SEE PLAN FOR TOP OF PARTITION ELEVATION.

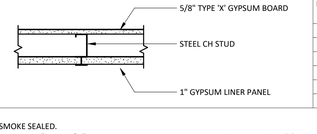
B



PARTITION TYPE	STUD WIDTH
B1	1 1/2"
B2	2 1/2"
B3	3 5/8"
B4	4"
B6	6"
B8	8"

MODIFIERS:
1. - 25 GAUGE STEEL STUDS AT 24" O.C. W/ 3" SOUND ATTENUATION FIRE BLANKETS IN CAVITY AND (1) LAYER. EXTEND GYP BOARD ON BOTH SIDES UP TO DECK ABOVE WITH ACOUSTICAL SEALANT AT TOP AND BOTTOM OF WALL.

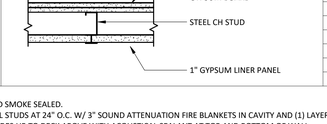
D



PARTITION TYPE	STUD WIDTH
D2	2 1/2"
D4	4"
D6	6"

MODIFIERS:
1. - GYPSUM BOARD SMOKE SEALED.
2. - 25 GAUGE STEEL STUDS AT 24" O.C. W/ 3" SOUND ATTENUATION FIRE BLANKETS IN CAVITY AND (1) LAYER. EXTEND GYP BOARD ON BOTH SIDES UP TO DECK ABOVE WITH ACOUSTICAL SEALANT AT TOP AND BOTTOM OF WALL.

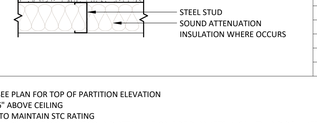
E



PARTITION TYPE	STUD WIDTH
E2	2 1/2"
E4	4"
E6	6"

MODIFIERS:
1. - GYPSUM BOARD SMOKE SEALED.
2. - 25 GAUGE STEEL STUDS AT 24" O.C. W/ 3" SOUND ATTENUATION FIRE BLANKETS IN CAVITY AND (1) LAYER. EXTEND GYP BOARD ON BOTH SIDES UP TO DECK ABOVE WITH ACOUSTICAL SEALANT AT TOP AND BOTTOM OF WALL.

F



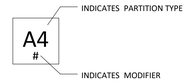
PARTITION TYPE	STUD WIDTH
F1	1 1/2"
F2	2 1/2"
F3	3 5/8"
F4	4"
F6	6"
F8	8"

MODIFIERS:
1. - PARTIAL HEIGHT SEE PLAN FOR TOP OF PARTITION ELEVATION
2. - GYPSUM BOARD 6" ABOVE CEILING
3. - EXTEND TO DECK TO MAINTAIN STC RATING
4. - 25 GAUGE STEEL STUDS AT 24" O.C. W/ 3" SOUND ATTENUATION FIRE BLANKETS IN CAVITY AND (1) LAYER. EXTEND GYP BOARD ON BOTH SIDES UP TO DECK ABOVE WITH ACOUSTICAL SEALANT AT TOP AND BOTTOM OF WALL.

PARTITIONS GENERAL NOTES

1. ALL PARTITIONS TO EXTEND TO DECK ABOVE UNLESS NOTED OTHERWISE.
2. BRACE PARTITION TO STRUCTURE ABOVE.
3. PROVIDE MOISTURE RESISTANT GYPSUM BOARD (OR CEMENT BOARD) AT WALL TILE LOCATIONS IN LIEU OF STANDARD GYPSUM BOARD.
4. PROVIDE STEEL STUD SILL AND HEADER AT ALL INTERIOR PARTITION PENETRATIONS FOR CONDUIT AND CABLE TRAYS AS REQUIRED.
5. PROVIDE FIRE BATTS AND FIRE SAFING AND SEALANT ASSEMBLIES AT ALL PENETRATIONS THROUGH RATED PARTITIONS AS REQUIRED.
6. FOR STC RATINGS SEE STC PLANS. PROVIDE CONTINUOUS ACOUSTICAL SEALANT AT THE BOTTOM TRACK AND AT TOP TRACK WHERE PARTITION EXTENDS TO DECK.
7. STUD DEPTHS, HEIGHTS AND LIMITS TO BE ENGINEERED BY THE STUD DESIGN ENGINEER.
8. PARTITIONS SHOWN IN GRAY INDICATE PRE-FABRICATED ASSEMBLY BY VENDOR.

PARTITIONS LEGEND



RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

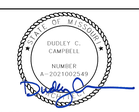
Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:



DATE SIGNED: 04.18.25

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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

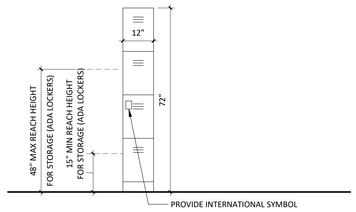
DATE:	2025/04/18
SCALE:	1 1/2" = 1'-0"
DRAWN:	LL
REVIEWED:	
JOB NUMBER:	6406.24.0003

PARTITION TYPES & DETAILS

AC501

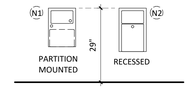
4/23/2025 5:04:14 PM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0003 HCA - LSMC ED Expansion_R23.rvt

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

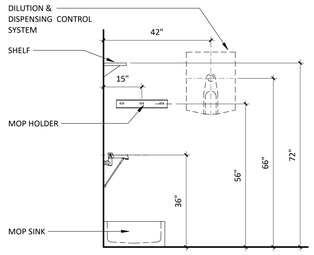


NOTES:
1. 5% OF LOCKERS SHALL BE ADA ACCESSIBLE W/ AT LEAST ONE OF EACH LOCKER TYPE AS ADA ACCESSIBLE.
2. PROVIDE 30"X48" CLEAR FLOOR SPACE FOR EACH ADA LOCKER.
3. OPERABLE PARTS SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING,PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL BE 5LBS. MAX.
4. REFER TO FLOOR PLAN FOR LAYOUT REQUIREMENTS.

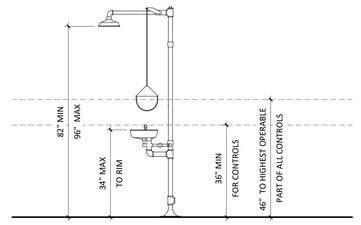
13 TYPICAL LOCKER WITH BASE
1/2" = 1'-0"



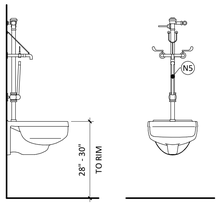
12 TYPICAL SANITARY NAPKIN DISPOSAL
1/2" = 1'-0"



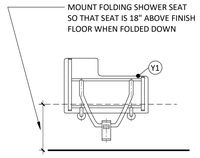
11 TYPICAL MOP SINK/RACK
1/2" = 1'-0"



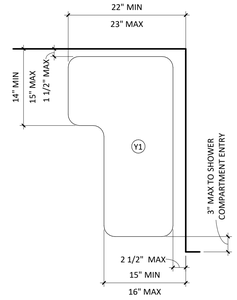
10 EMERGENCY SHOWER WITH EYEWASH
1/2" = 1'-0"



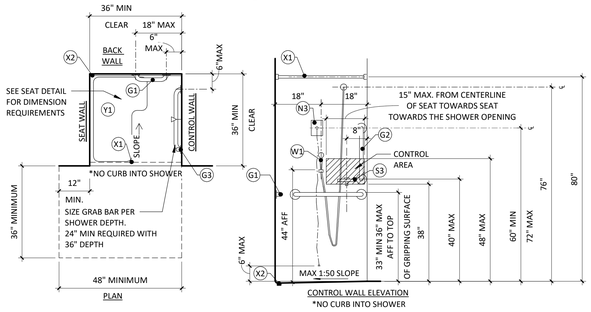
9 TYPICAL CLINIC SERVICE SINK
1/2" = 1'-0"



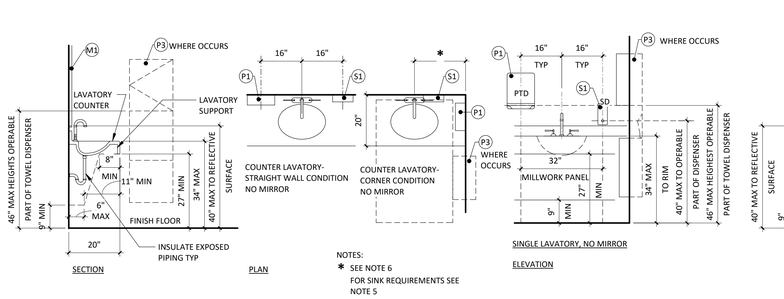
8 TYPICAL FOLDING SHOWER SEAT
1/2" = 1'-0"



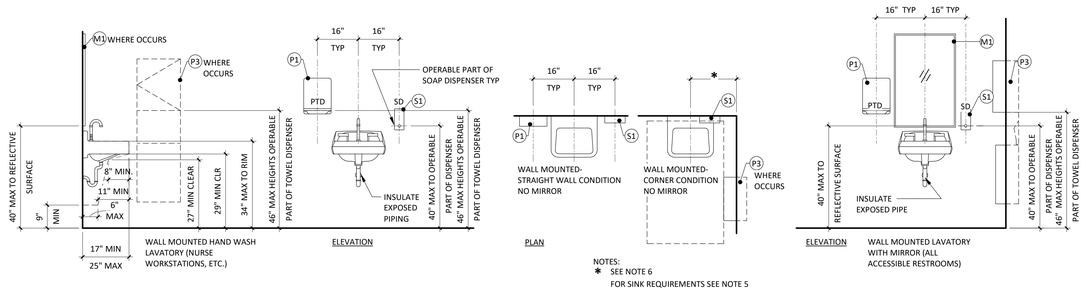
7 L-SHAPED SHOWER SEAT
1" = 1'-0"



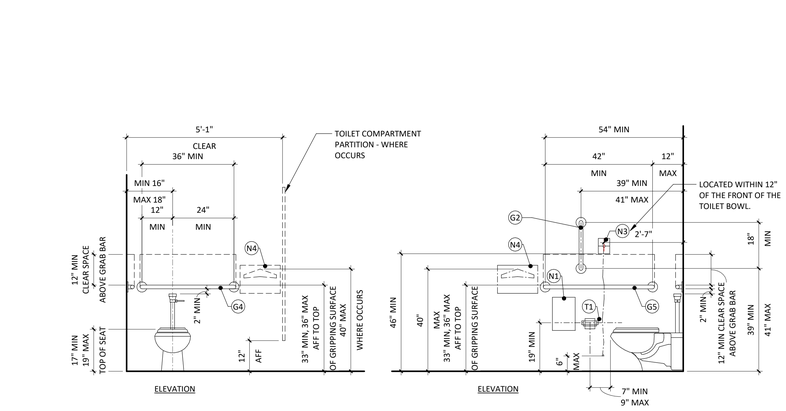
6 TYPICAL ACCESSIBLE TRANSFER SHOWER
1/2" = 1'-0"



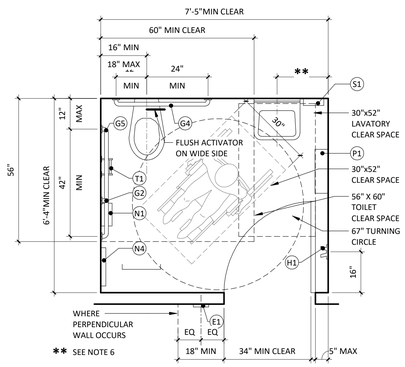
TYPICAL COUNTERTOP ACCESSIBLE LAVATORY WITH AND WITHOUT MIRROR
5 1/2" = 1'-0"



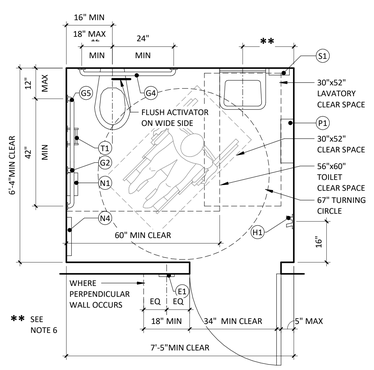
4 TYPICAL WALL MOUNTED LAVATORY
1/2" = 1'-0"



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



2 TYPICAL IN-SWING DOOR ACCESSIBLE TOILET ROOM
1/2" = 1'-0"



1 TYPICAL OUT-SWING DOOR ACCESSIBLE TOILET ROOM
1/2" = 1'-0"

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ACCESSORY LEGEND

- (Y1) SURFACE MOUNTED FOLDING SHOWER SEAT- L-SHAPED
- (X1) SHOWER CURTAIN ROD
- (X2) TRENCH DRAIN @TOE OF COVE
- (W1) HAND HELD FLEXIBLE SHOWER SPRAY & HOSE 59" LONG MIN.
- (T1) SURFACE MOUNTED TOILET PAPER DISPENSER
- (S1) SOAP DISPENSER
- (S2) RECESSED TOILETRY SHELF
- (S3) RECESSED SOAP SHELF
- (S4) COUNTER MOUNTED SOAP DISPENSER
- (P1) SURFACE MOUNTED PAPER TOWEL DISPENSER
- (N3) NURSE CALL PULL CORD
- (N4) TOILET SEAT COVER DISPENSER
- (N5) BEDPAN WASH
- (N1) SURFACE MOUNTED SANITARY NAPKIN DISPOSAL AT FEMALE AND UNISEX TOILET ONLY
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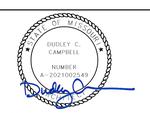
- (G4) 36" LENGTH GRAB BAR
- (G5) 42" LENGTH GRAB BAR
- (E1) TACTILE ROOM SIGN - WHERE OCCURS

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: 04.18.25

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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

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

TYPICAL MOUNTING HEIGHTS

AC521

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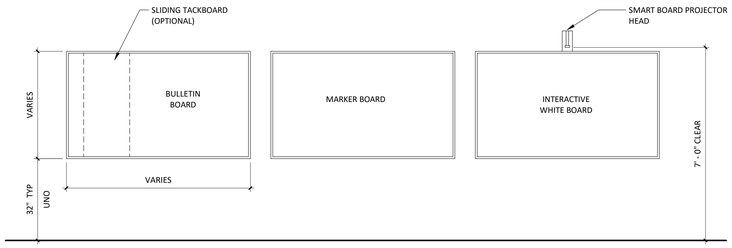
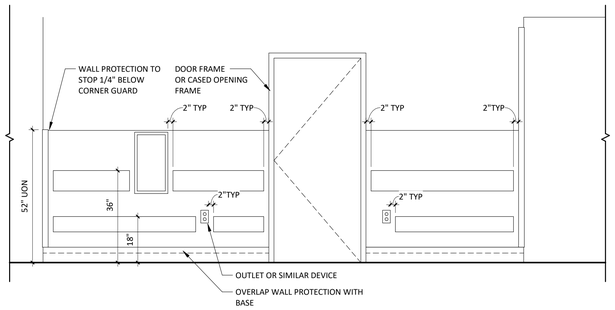
RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025



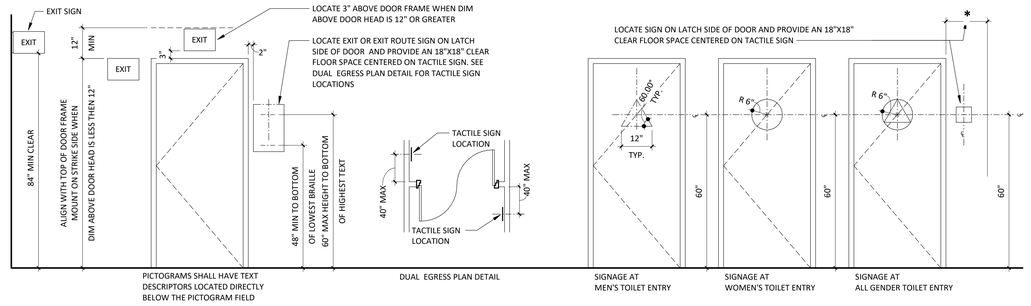
7 TYPICAL WALL MOUNTED BOARDS

1/2" = 1'-0"



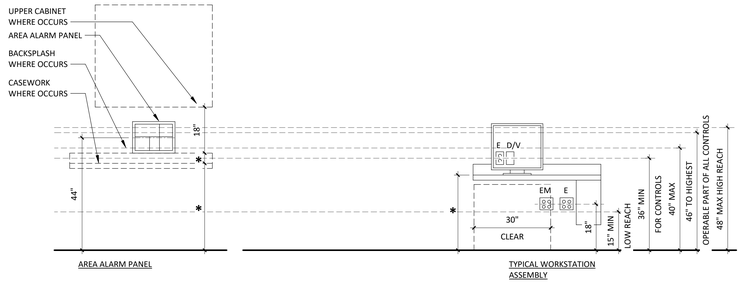
5 TYPICAL WALL PROTECTION

1/2" = 1'-0"



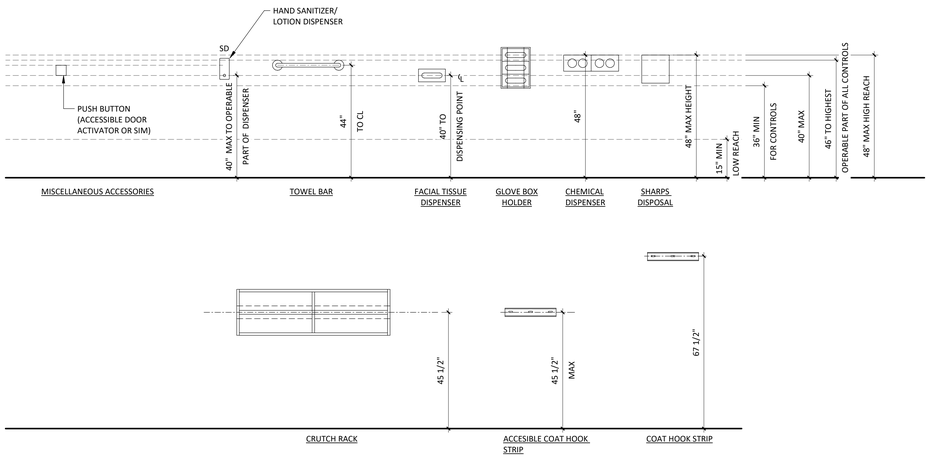
6 TYPICAL SIGNAGE AT DOORS

1/2" = 1'-0"



4 TYPICAL FURNITURE MOUNTING1

1/2" = 1'-0"



1 TYPICAL ACCESSORIES

1/2" = 1'-0"

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- S3 RECESSED SOAP SHELF
- S4 COUNTER MOUNTED SOAP DISPENSER
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- E1 TACTILE ROOM SIGN - WHERE OCCURS

Devenney GROUP

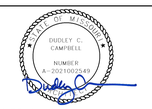
Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:



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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

DATE:	2025/04/18
SCALE:	1/2" = 1'-0"
DRAWN:	LL
REVIEWED:	
JOB NUMBER:	6406.24.0003

TYPICAL MOUNTING HEIGHTS

AC522

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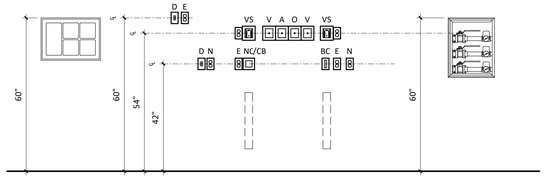
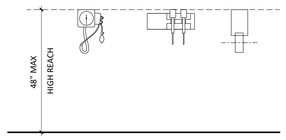
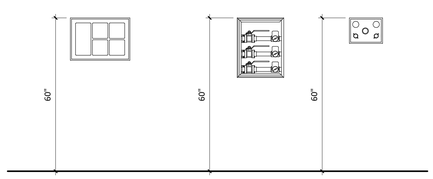


7 TYPICAL MEDICAL GASES AND ACCESSORIES
1/2" = 1'-0"

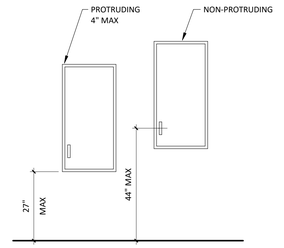


6 TYPICAL HEADWALL ACCESSORIES
1/2" = 1'-0"

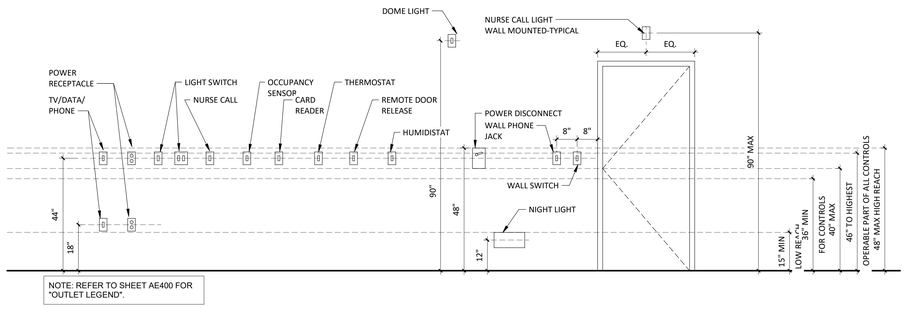


5 TYPICAL MEDICAL GASES AND ACCESSORIES
1/2" = 1'-0"

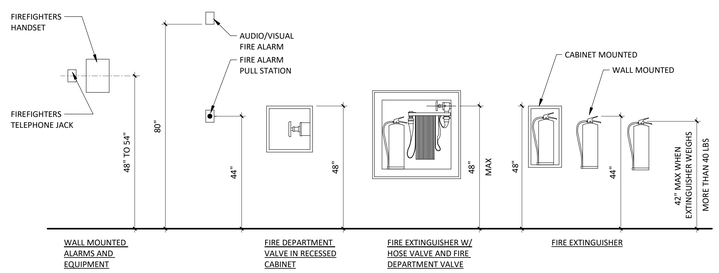
4 TYPICAL WALL MOUNTED ELECTRONIC EQUIPMENT
1/2" = 1'-0"



3 TYPICAL ELECTRICAL PANELS
1/2" = 1'-0"



2 TYPICAL ELECTRICAL CONTROL DEVICES
1/2" = 1'-0"



1 TYPICAL FIRE EQUIPMENT
1/2" = 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
1ST MISSOURI
NUMBER A-2021002549

DATE SIGNED: 04.18.25

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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

DATE:	2025/04/18
SCALE:	1/2" = 1'-0"
DRAWN:	LL
REVIEWED:	
JOB NUMBER:	6406.24.0003

TYPICAL MOUNTING HEIGHTS

AC523

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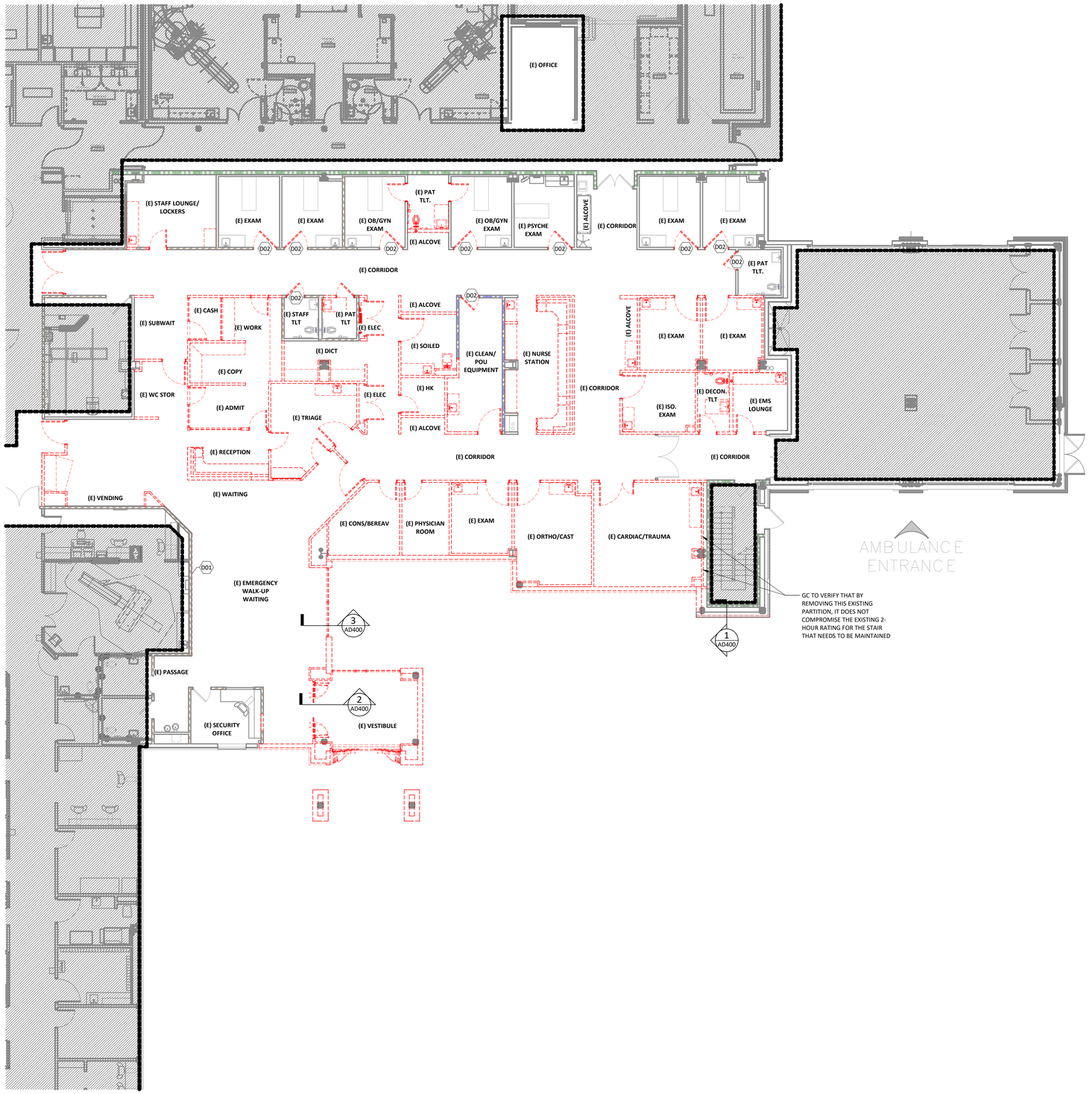

1 DEMOLITION PLAN - OVERALL - LEVEL 1
1/8" = 1'-0"

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.
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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

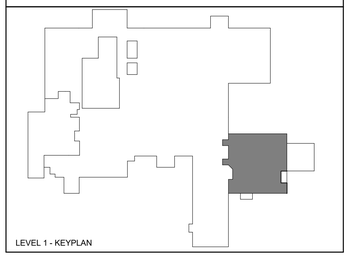
EXISTING	NEW	
		NON-RATED PARTITION
		2-HOUR FIRE BARRIER
		1-HOUR FIRE BARRIER
		1-HOUR SMOKE BARRIER
		SMOKE PARTITION
		1-HOUR FIRE PARTITION

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.

KEY PLAN



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www.devenneygroup.com

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DEMOLITION PLAN - LEVEL 1

AD100

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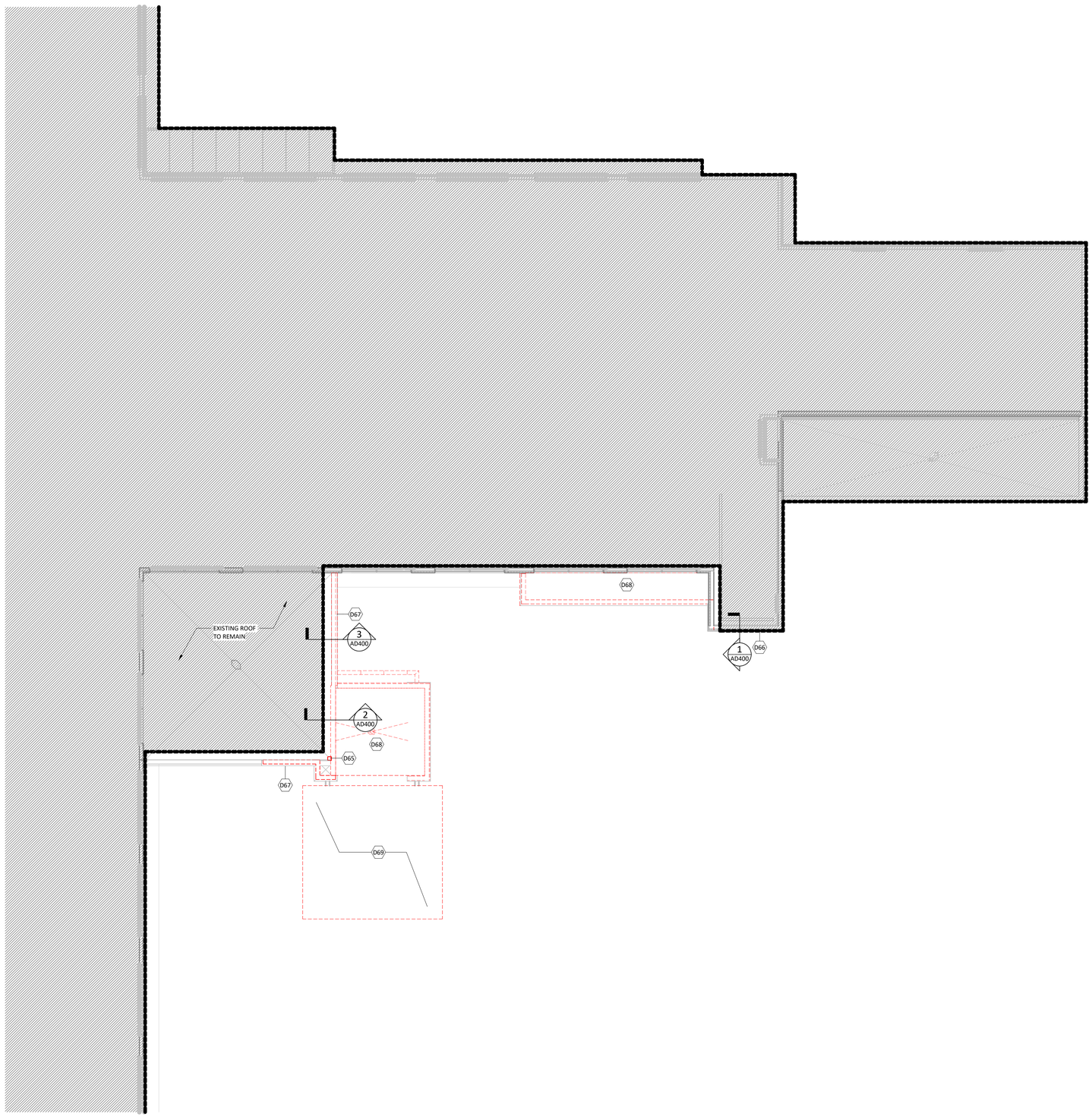

1 DEMOLITION PLAN - ROOF
1/8" = 1'-0"

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.
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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
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.

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Consultant:

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MISSOURI DHSS

FACILITY NUMBER:
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AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

DEMOLITION PLAN - ROOF

AD104

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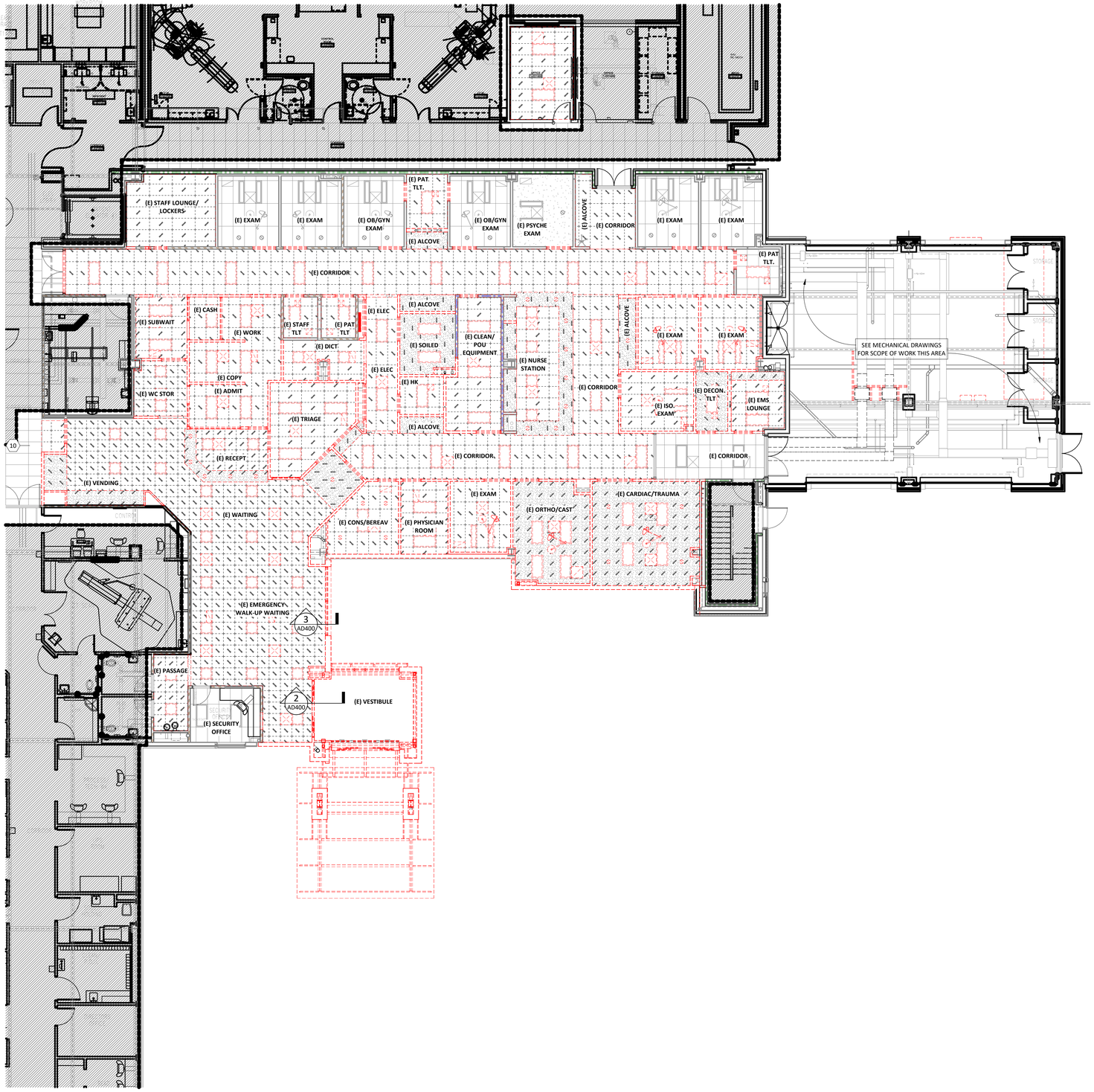

1 DEMOLITION RCP - OVERALL - LEVEL 1
1/8" = 1'-0"

DEMOLITION GENERAL NOTES

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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

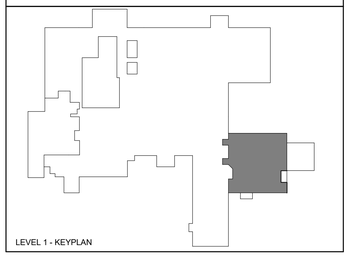
PARTITION LEGEND

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)
		HATCH INDICATES SUITE (NON SLEEPING)

KEYNOTE LEGEND

KEY	NOTE
10	PATCH, REPAIR AND/OR REPLACE DAMAGED FINISHES TO MATCH EXISTING ADJACENT SURFACES.

KEY PLAN



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MISSOURI DHSS

FACILITY NUMBER:
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AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

DEMOLITION RCP - LEVEL 1

AD171

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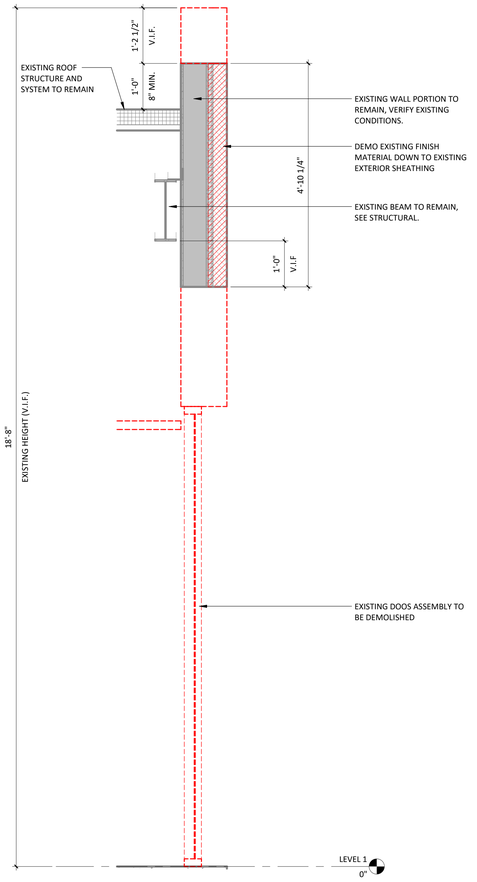
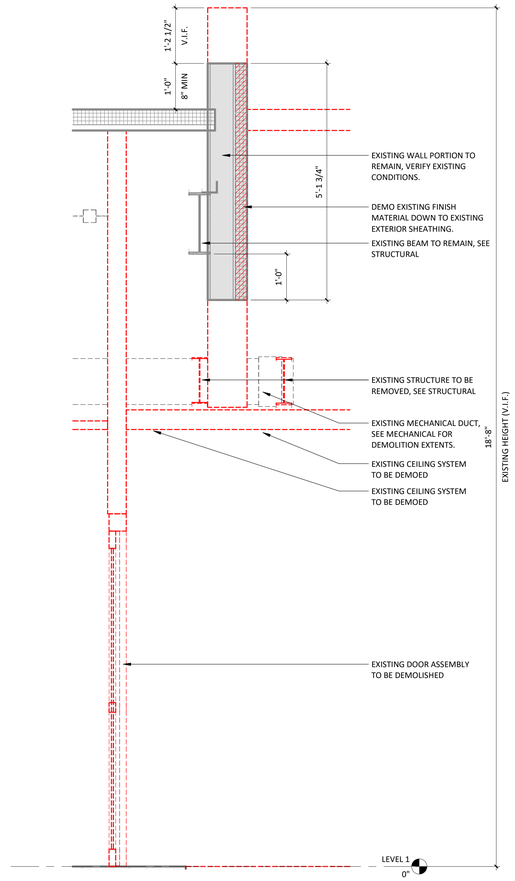


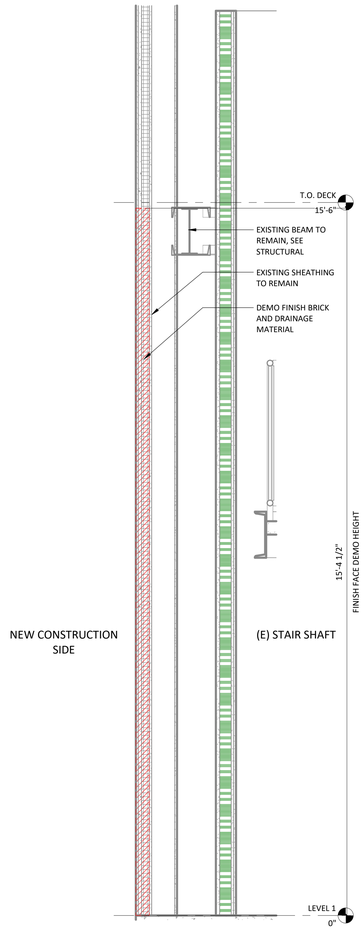
EXISTING PARAPET AT NEW ROOF - SECTION A

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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DEMOLITION SECTIONS

AD400

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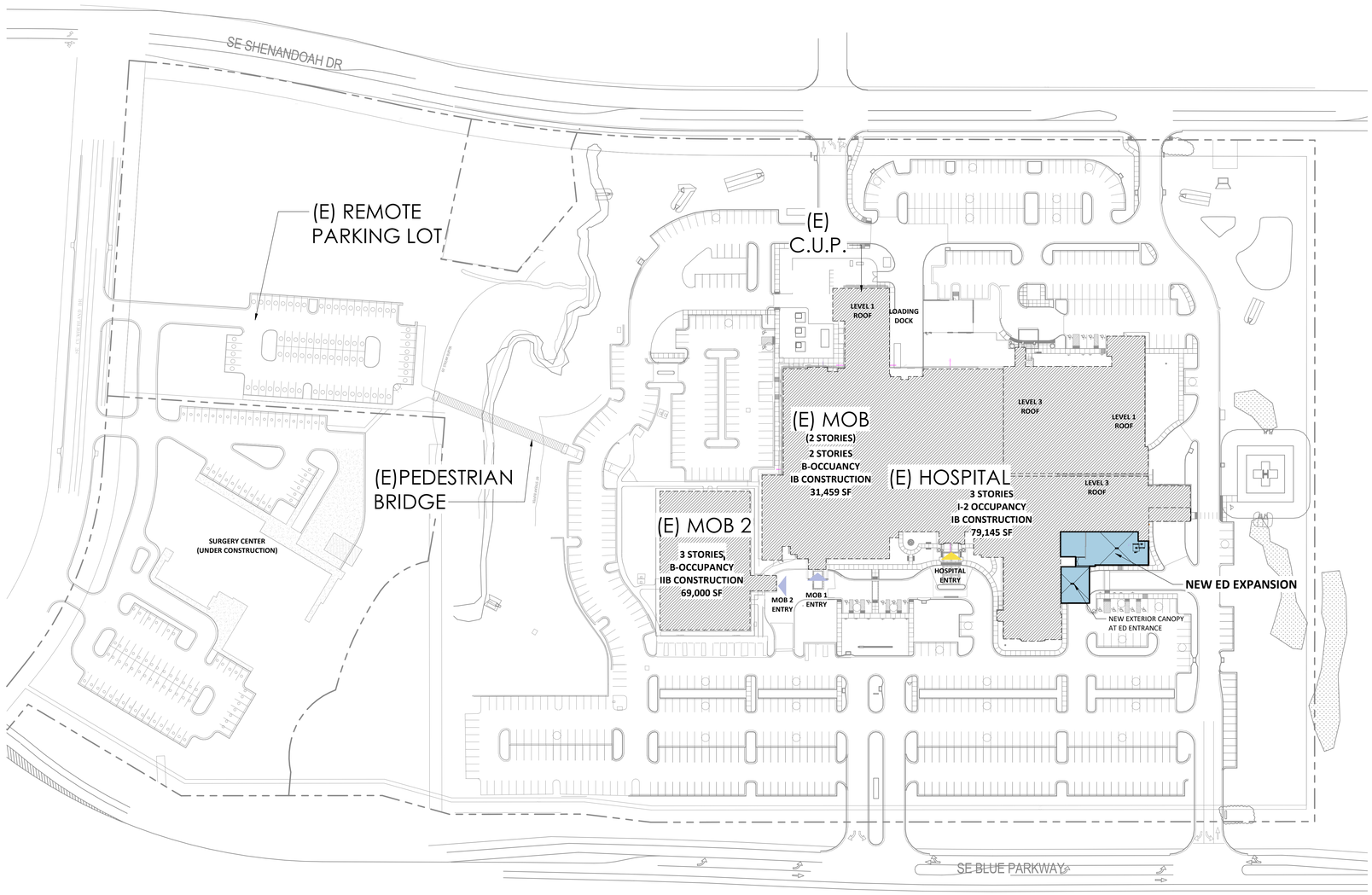
REFER TO CIVIL DRAWINGS FOR PARKING SUMMARY



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

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ARCHITECTURAL SITE PLAN

AS001

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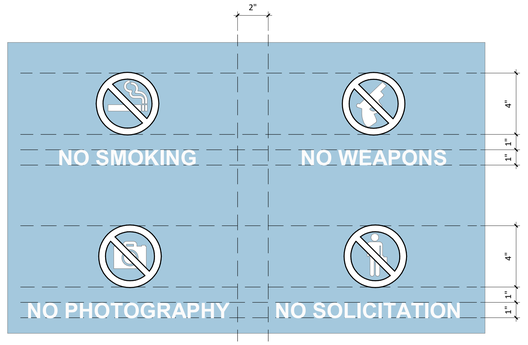
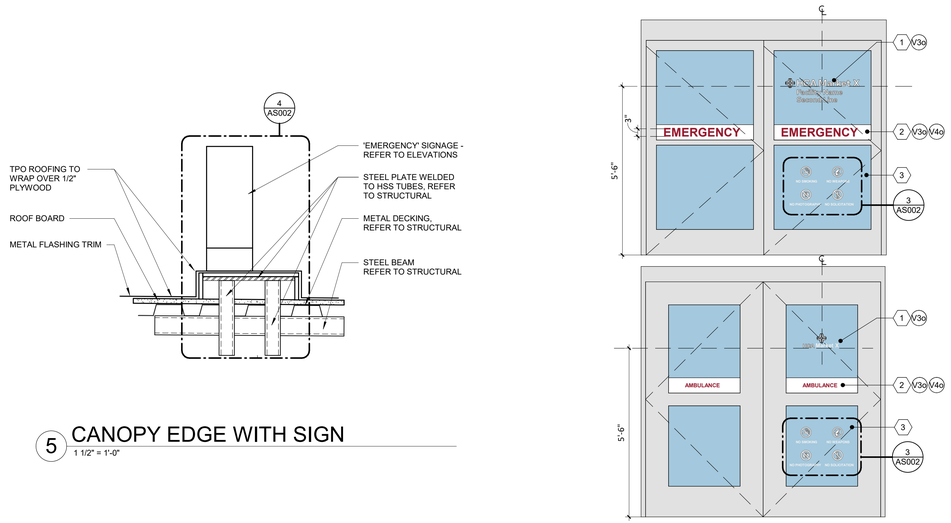


3 DOOR VINYL DETAIL
3" = 1'-0"



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

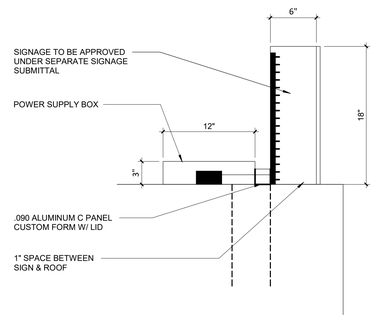
2 **EMERGENCY BAND**
OPAQUE VINYL APPLIED FIRST SURFACE

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

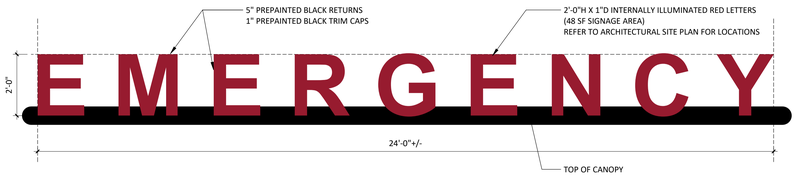
NOTE: REFER TO MATERIALS LEGEND FOR ALL COLOR AND MATERIAL SPECIFICATIONS

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

5 CANOPY EDGE WITH SIGN
1 1/2" = 1'-0"



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



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

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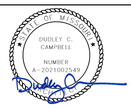
6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:



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

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
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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)

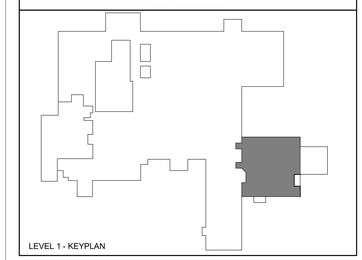
ACCESS CONTROL LEGEND

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, CASWORK 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



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 - 2021003549
DATE SIGNED: 04.18.25

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MISSOURI DHSS

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ANNOTATION FLOOR PLAN - LEVEL 1

AE101

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DIMENSION PLANS GENERAL NOTES

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

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)

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:

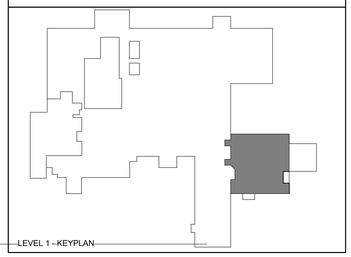
REFER TO SPECIFICATIONS FOR GYP BD REQUIREMENTS AT STC >40 CONDITIONS.

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.
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



1 DIMENSION PLAN - LEVEL 1
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:

DUDLEY C. CAMPBELL
NUMBER A-2021005749
DATE SIGNED: 04.18.25

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MISSOURI DHSS

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AGENCY

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DIMENSION FLOOR PLAN - LEVEL 1

AE102

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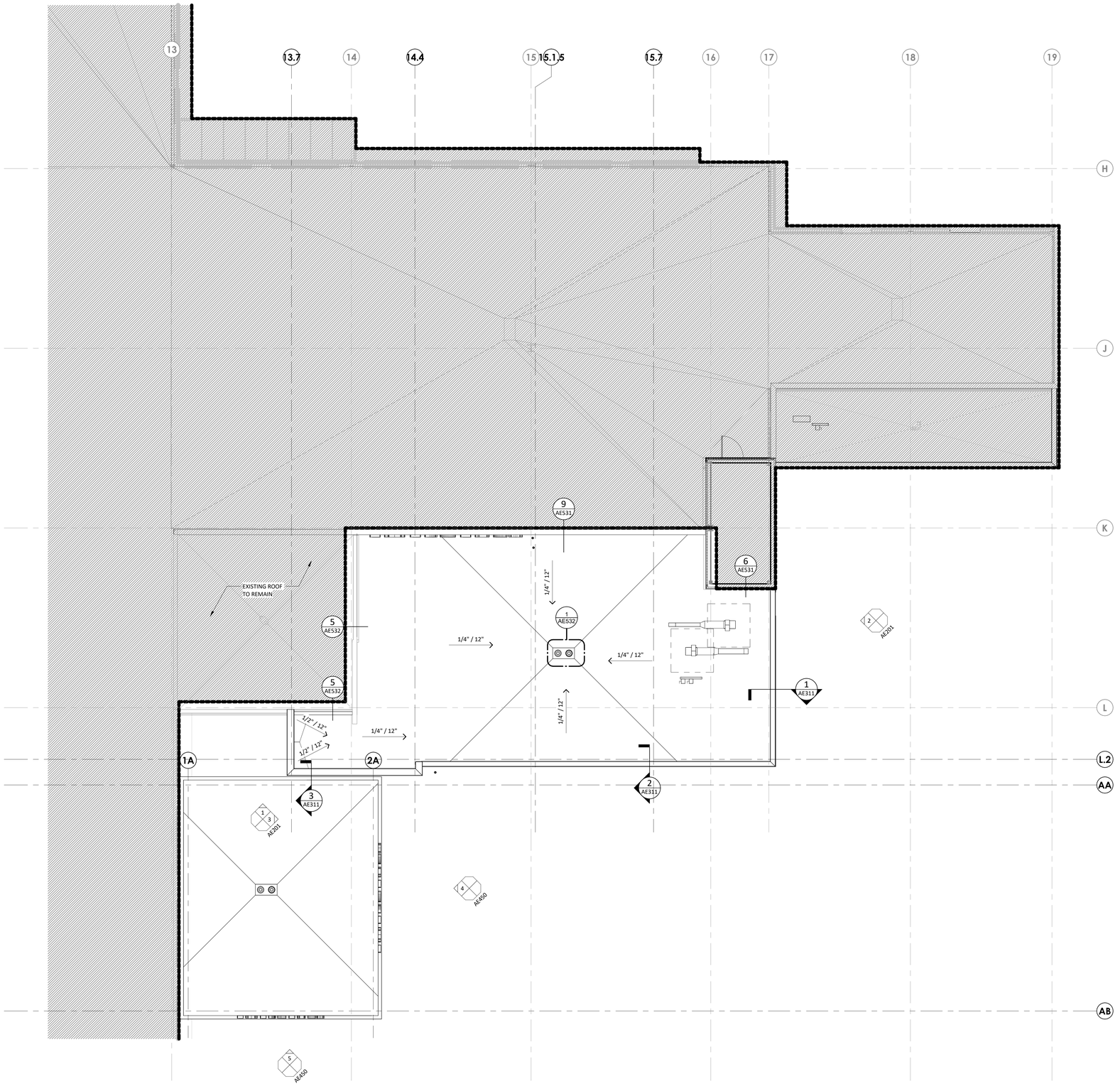


1 OVERALL ROOF PLAN
1/8" = 1'-0"

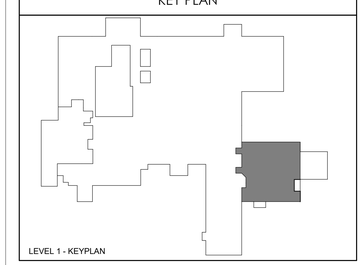
ROOF PLANS GENERAL NOTES

1. ROOF SLOPE TO BE A MINIMUM OF 1/4" PER FOOT
2. FINAL ROOF WALWAY PAD LOCATIONS TO BE CONFIRMED BY FACILITY

KEYNOTE LEGEND

KEY	NOTE

KEY PLAN



LEVEL 1 - KEYPLAN

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6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

DUDLEY C. CAMPBELL
NUMBER A-2021002549
1ST MISSOURI

DATE SIGNED: 04.18.25

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OVERALL ROOF PLAN

AE111

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1 EDGE-OF-SLAB PLAN - OVERALL - LEVEL 1
1/4" = 1'-0"

EDGE OF SLAB GENERAL NOTES

1. REFER TO STRUCTIRAL FOR FLOOR JOINTS IN SLAB AND FOOTINGS.
2. REFER TO OVERALL STRUCTURAL FRAMING PLANS FOR DECK TYPE AND LOCATIONS, AND EQUIPMENT PAD DETAILS. REFER TO MECHANICAL DRAWINGS FOR EQUIPMENT PAD SIZE AND LOCATIONS.
3. REFER TO PLUMBING FOR UNDERGROUND CONNECTIONS.

EDGE OF SLAB LEGEND

EXISTING FLOOR SLAB. REFER TO STRUCTURAL DRAWING.

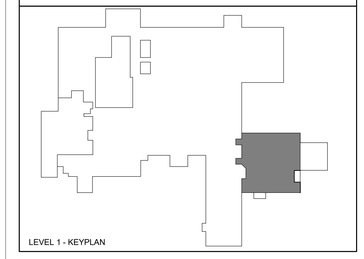
NEW FLOOR SLAB. REFER TO STRUCTURAL DRAWINGS.

SLAB DEPRESSION. NEW FLOOR SLAB, REFER TO STRUCTURAL DRAWINGS.

KEYNOTE LEGEND

KEY	NOTE

KEY PLAN



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Suite 500
Scottsdale, AZ 85251

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www.devenneygroup.com

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NUMBER A-2021002549
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EDGE-OF-SLAB PLAN - LEVEL 1

AE141

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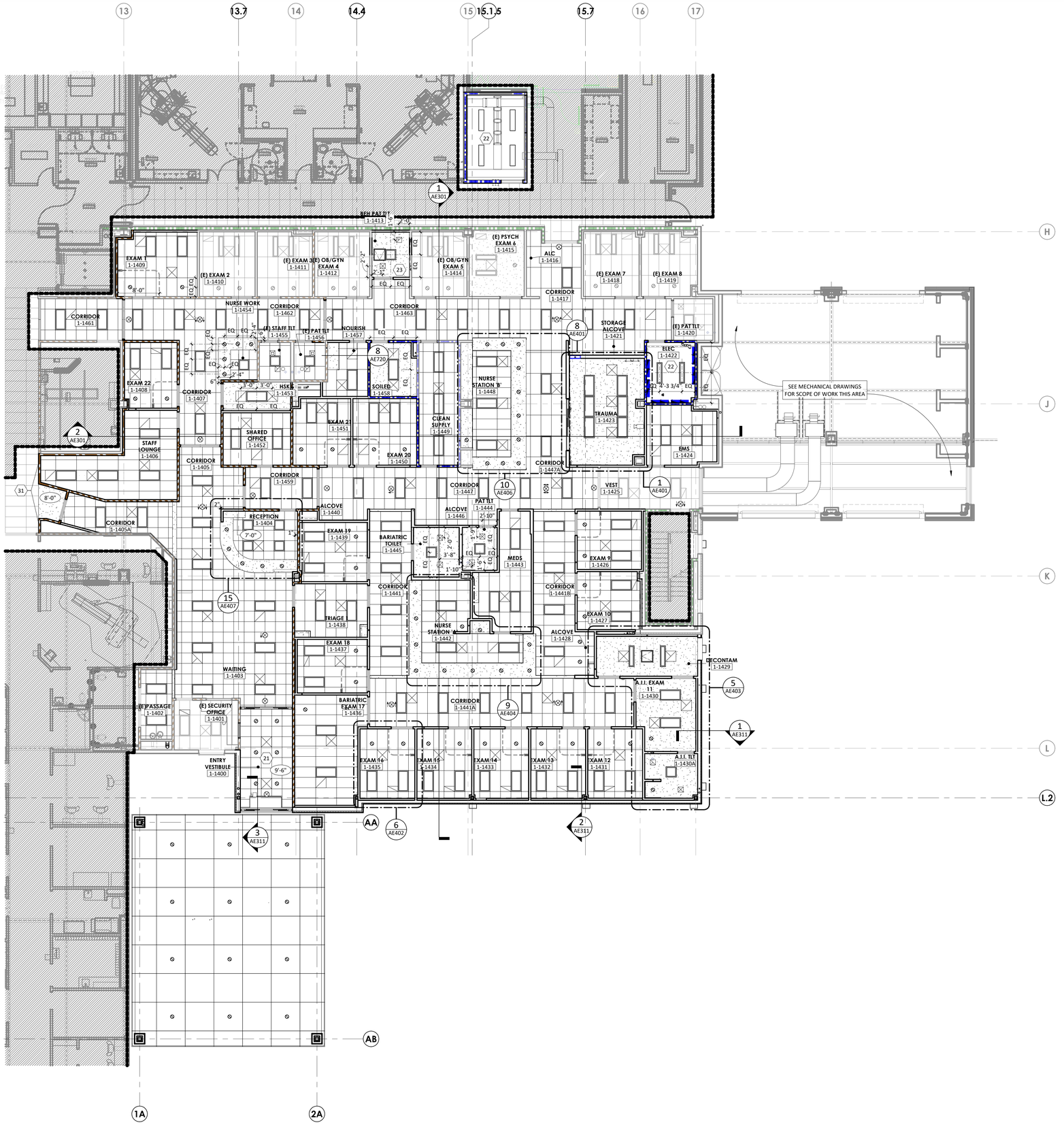


1 REFLECTED CEILING PLAN - LEVEL 1
1/8" = 1'-0"

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

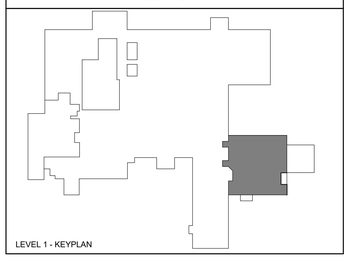
LIMITS OF CONSTRUCTION (SHADE INDICATES AREA OUTSIDE OF SCOPE)

HATCH INDICATES SUITE (NON SLEEPING)

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

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

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: 04.18.25

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

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

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

REFLECTED CEILING PLAN - LEVEL 1

AE181

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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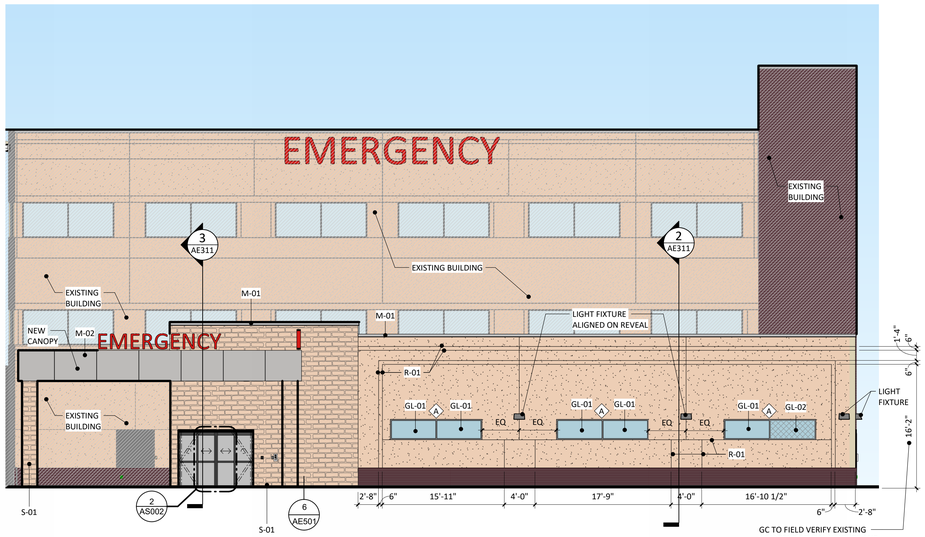
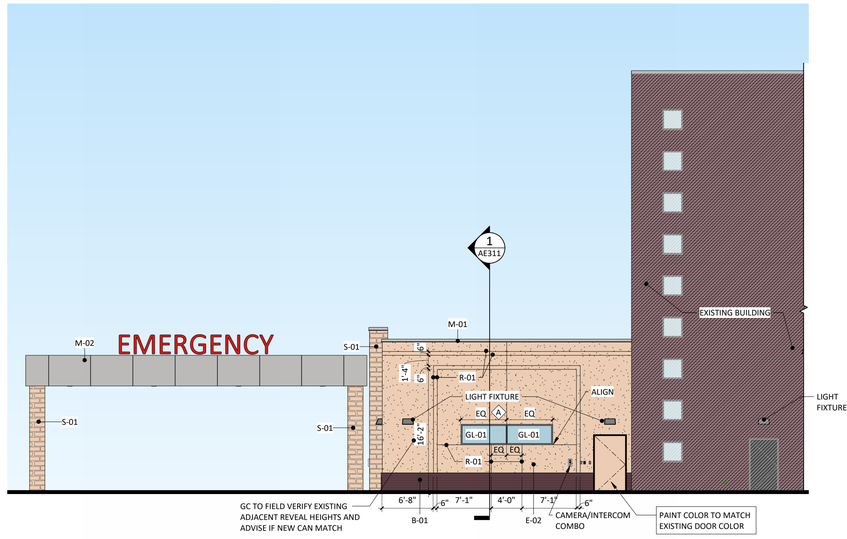


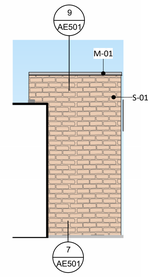
1 SOUTH ELEVATION

1/8" = 1'-0"



2 EAST ELEVATION

1/8" = 1'-0"



3 WEST ELEVATION

1/8" = 1'-0"

4 ED EXPANSION - SOUTHEAST VIEW

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

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www.devenneygroup.com

Consultant:

ARIZONA
DUDLEY C. CAMPBELL
NUMBER
R - 2021002549
DATE SIGNED: 04.18.25

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AUTHORITY HAVING JURISDICTION:
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MISSOURI DHSS

FACILITY NUMBER:
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AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

EXTERIOR BUILDING ELEVATIONS

AE201

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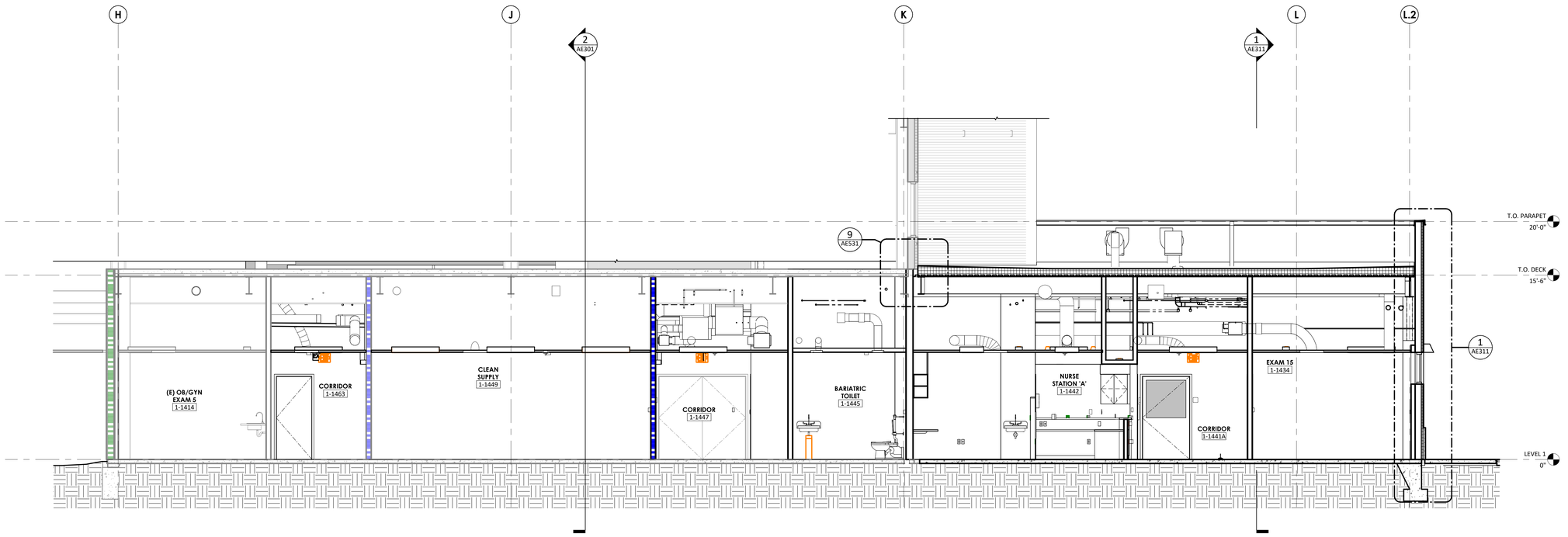
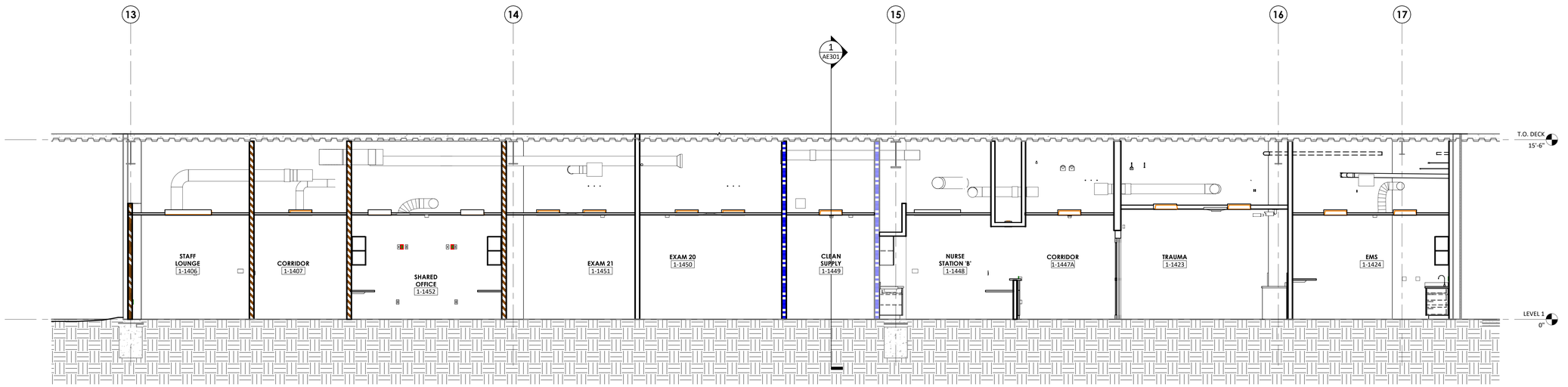


1 BUILDING SECTION 1
1/4" = 1'-0"



2 BUILDING SECTION 2
1/4" = 1'-0"

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Consultant:

ARIZONA · MISSOURI
DUDLEY C. CAMPBELL
NUMBER
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MISSOURI DHSS

FACILITY NUMBER:
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AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

BUILDING SECTIONS

AE301

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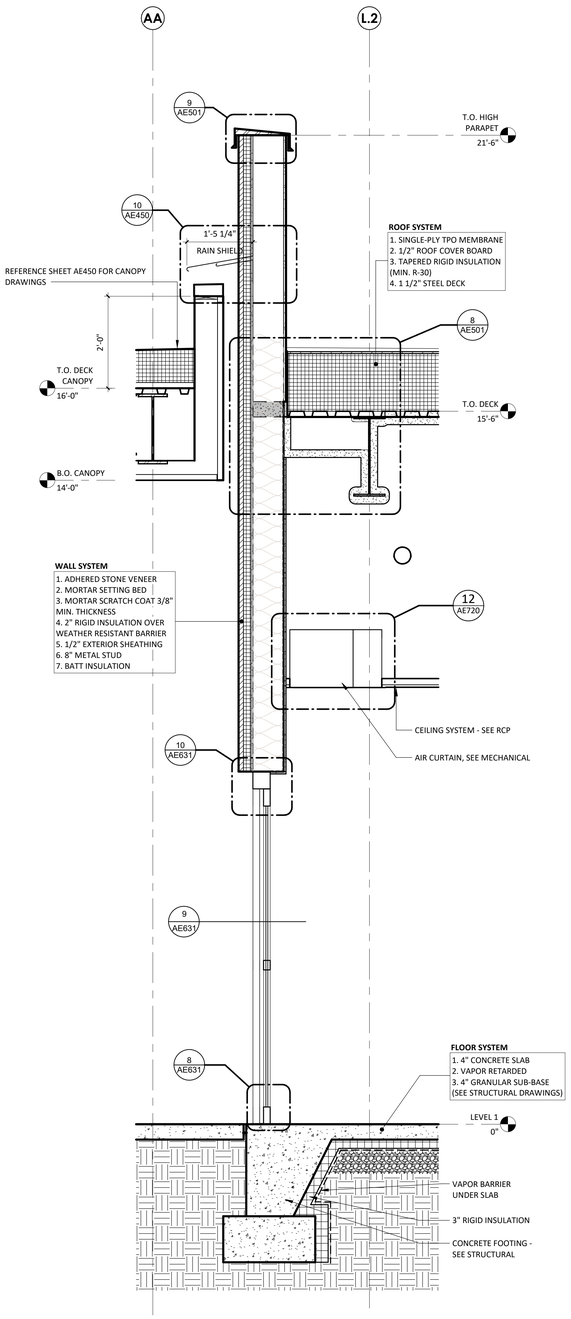
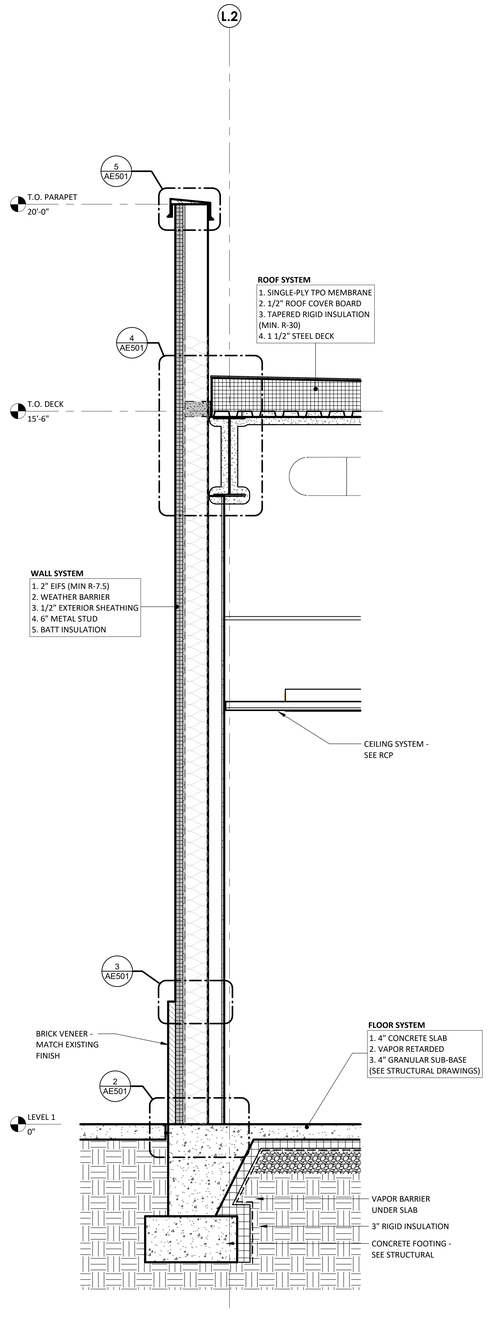


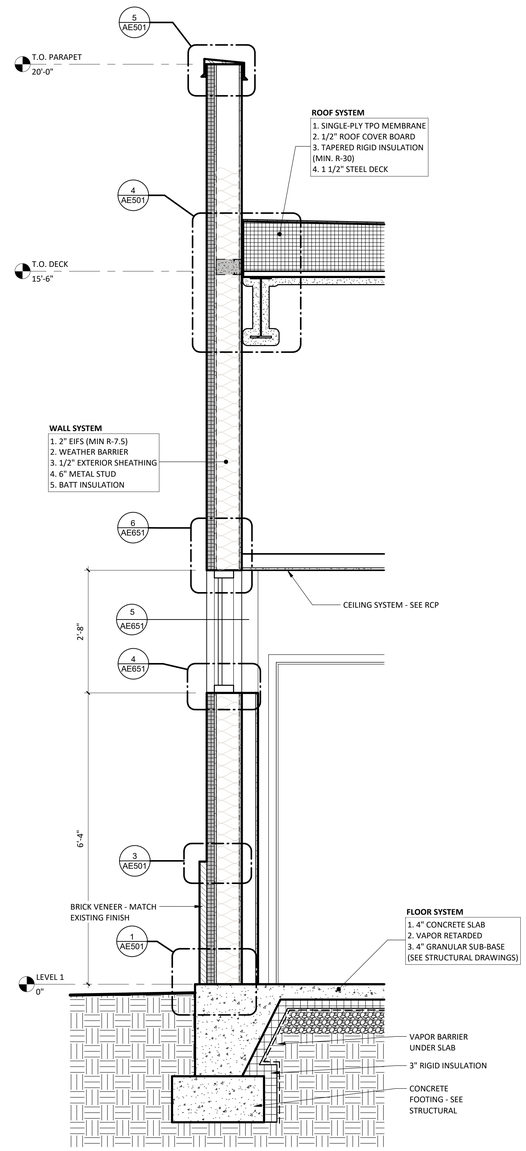
WALL SECTION AT STONE AND CANOPY

3 3/4" = 1'-0"



WALL SECTION AT BRICK & EIFS

2 3/4" = 1'-0"



WALL SECTION AT BRICK & EIFS AT GRADE

1 3/4" = 1'-0"

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MISSOURI DHSS

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

DATE:	2025/04/18
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DRAWN:	JV, LL
REVIEWED:	DP/MM
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EXTERIOR WALL SECTIONS

AE311

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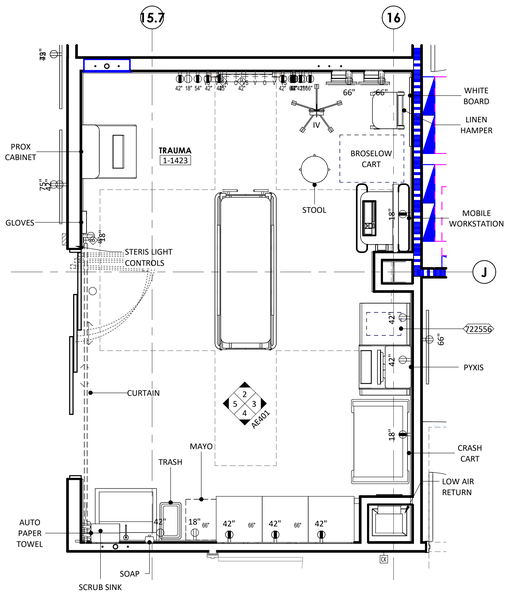
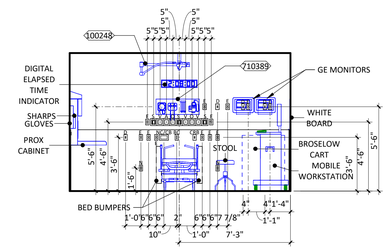
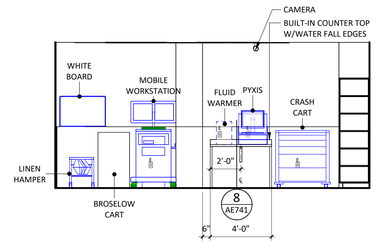


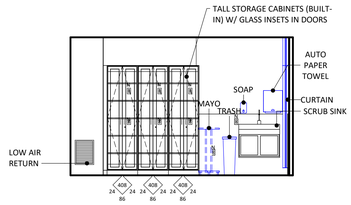
1 TRAUMA
3/8" = 1'-0"



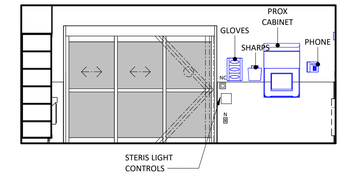
2 TRAUMA - A
1/4" = 1'-0"



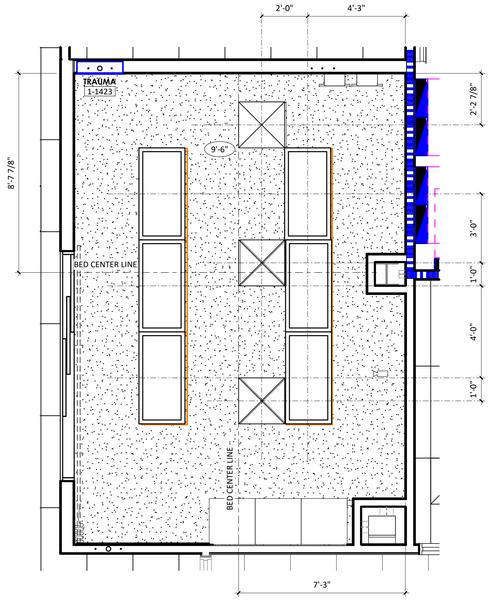
3 TRAUMA - B
1/4" = 1'-0"



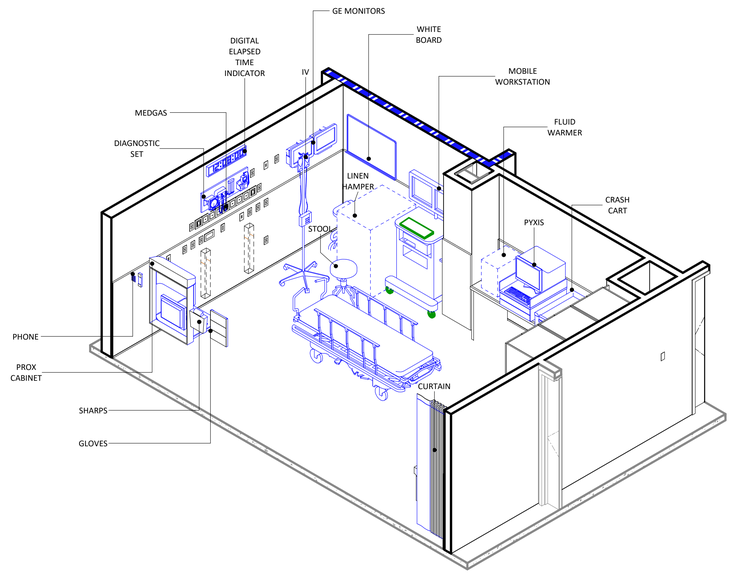
4 TRAUMA - C
1/4" = 1'-0"



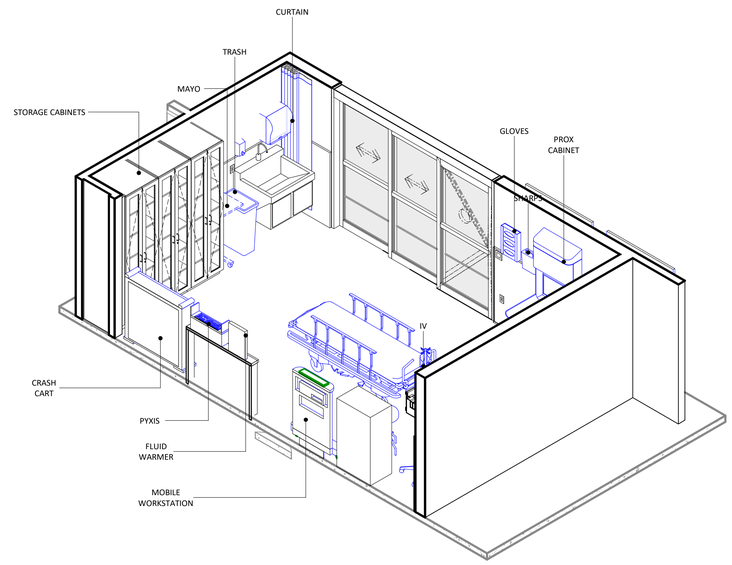
5 TRAUMA - D
1/4" = 1'-0"



8 TRAUMA ROOM - RCP
3/8" = 1'-0"



6 AXO - TRAUMA ROOM - HEADWALL



7 TRAUMA ROOM - 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
710389	DIAGNOSTIC SET	10_SPEQ_ Diagnostic Set_ FB_ v01	OF	CI
722556	FLUID WARMER	FLUID WARMER	OF	CI

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Consultant:

DUDLEY C. CAMPBELL
1ST MEDICAL
NUMBER
A - 2021003149

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ENLARGED PLANS, INTERIOR ELEVATIONS & 3D VIEWS - TRAUMA

AE401

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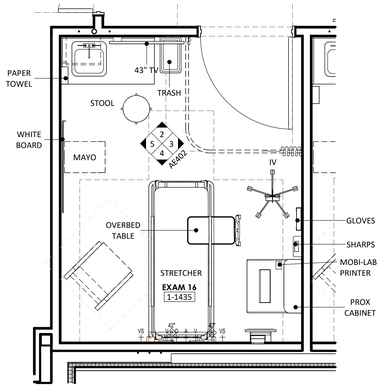
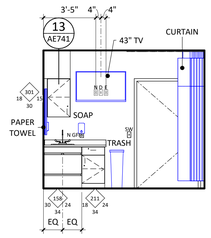


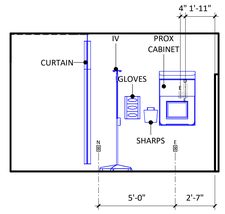
1 TYPICAL EXAM PLAN

3/8" = 1'-0"



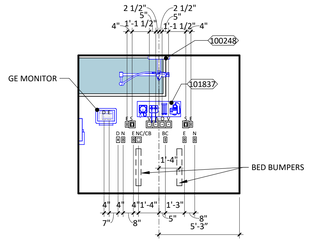
2 TYP EXAM - FOOTWALL

1/4" = 1'-0"



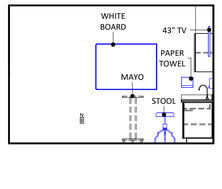
3 TYP EXAM - STAFF

1/4" = 1'-0"



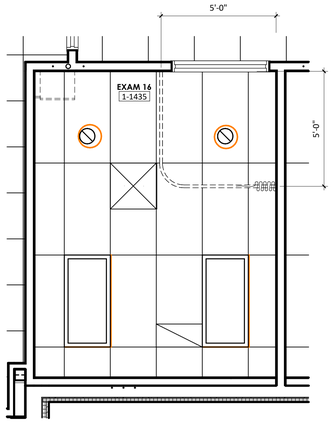
4 TYP EXAM - HEADWALL

1/4" = 1'-0"



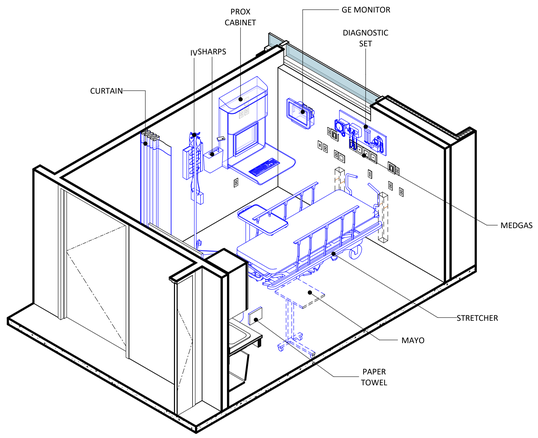
5 TYP EXAM - FAMILY

1/4" = 1'-0"

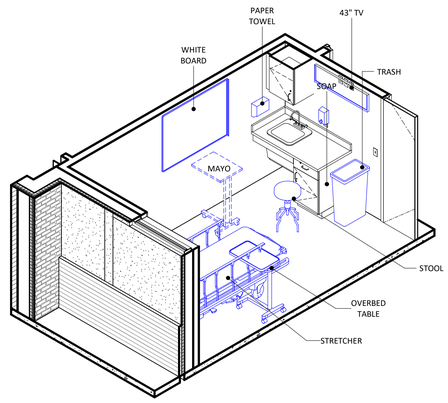


6 TYPICAL EXAM RCP

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

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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

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

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: 04.18.25

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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

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

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

AE402

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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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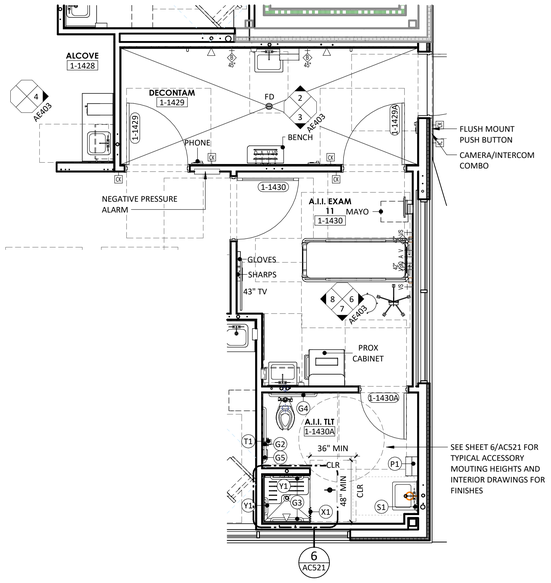
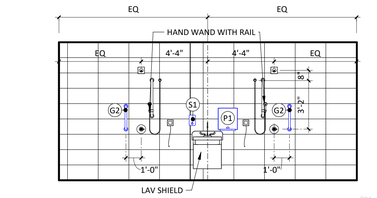
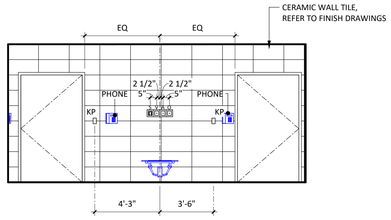


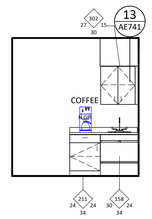
1 A.I.I. EXAM, DECON, NOURISH
1/4" = 1'-0"



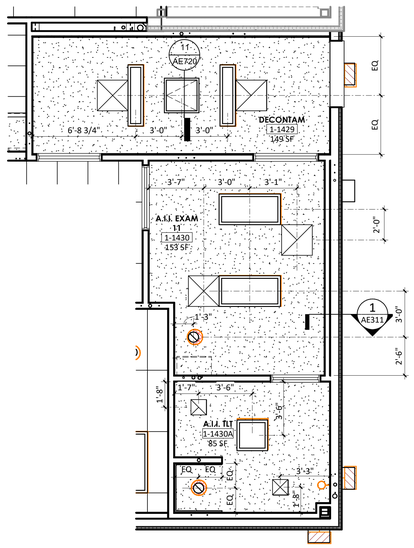
2 DECON - SHOWER WALL
1/4" = 1'-0"



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



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



5 A.I.I. EXAM, DECON, NOURISH - ENLARGED RCP
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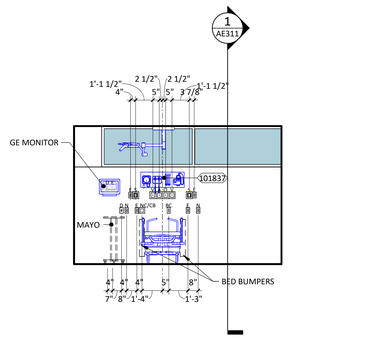
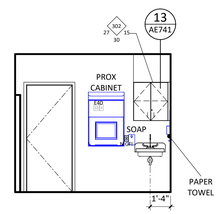
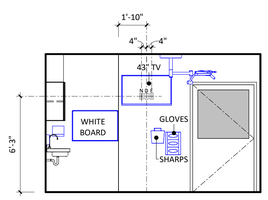


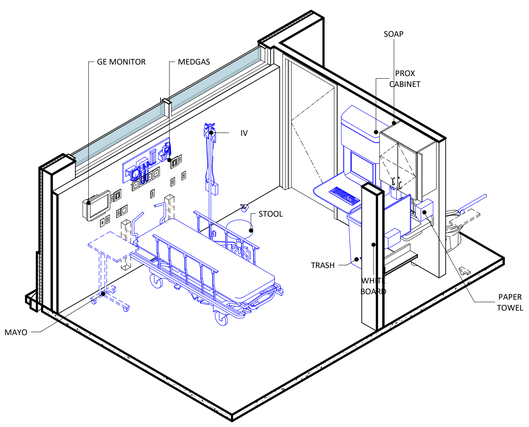
6 A.I.I. EXAM - HEADWALL
1/4" = 1'-0"



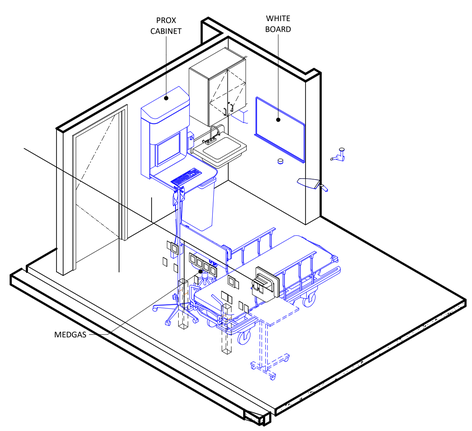
7 A.I.I. EXAM - STAFF
1/4" = 1'-0"



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



9 A.I.I. EXAM - HEADWALL



10 A.I.I. EXAM - FOOTWALL

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101837	DIAGNOSTIC SET	10_ SPEQ_ Diagnostic Set_ FB_ v01	OF	CI

RELEASED FOR CONSTRUCTION
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Development Services Department
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Consultant:

1ST MEDICAL CONSULTANT
DUDLEY C. CAMPBELL
NUMBER
A - 20210025349
DATE SIGNED: 04.18.25

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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

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

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rv23/6406.24.0003 HCA - LSMC ED Expansion_R23.rvt
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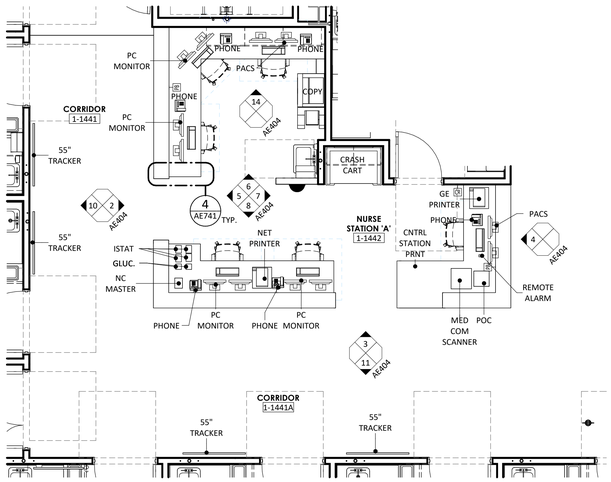
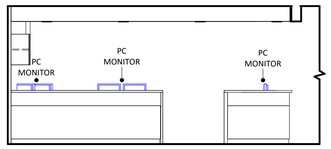
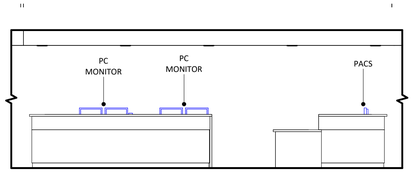


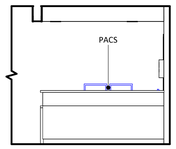
1 NURSE STATION 'A'
1/4" = 1'-0"



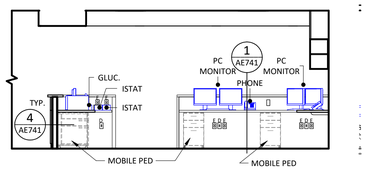
2 NURSE STATION 'A' - SIDE
1/4" = 1'-0"



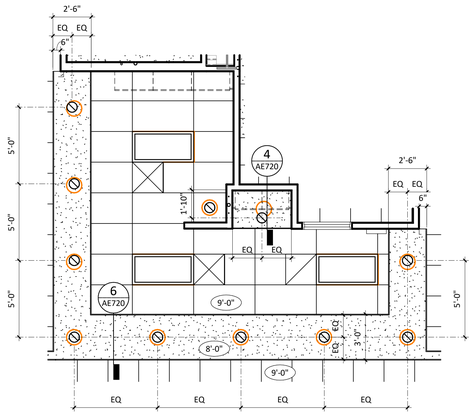
3 NURSE STATION 'A' - FRONT
1/4" = 1'-0"



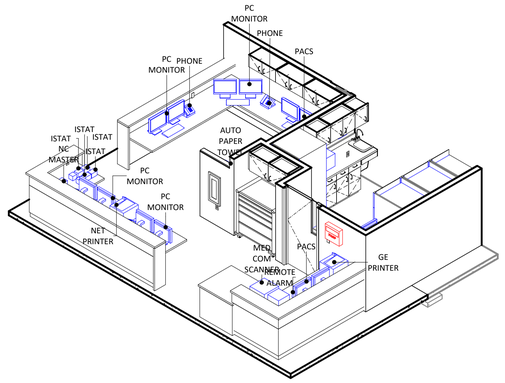
4 NURSE STATION 'A' - SIDE
1/4" = 1'-0"



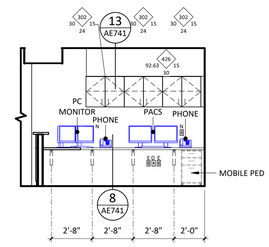
5 NURSE STATION 'A'
1/4" = 1'-0"



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



12 AXON - NURSE STATION A



14 NURSE STATION 'A" - 1
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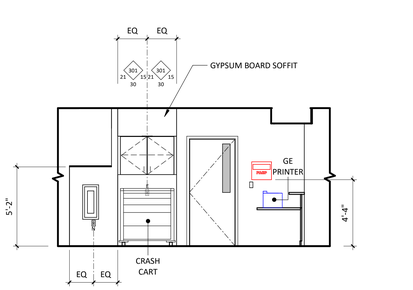
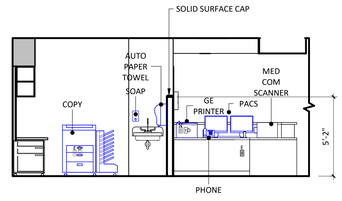


6 NURSE STATION 'A'
1/4" = 1'-0"



7 NURSE STATION 'A'
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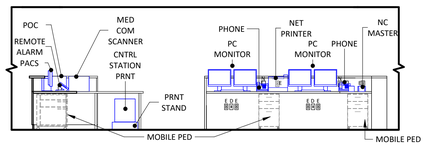
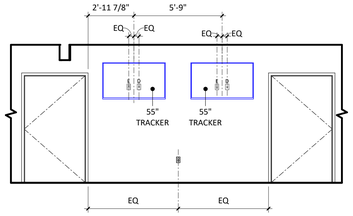
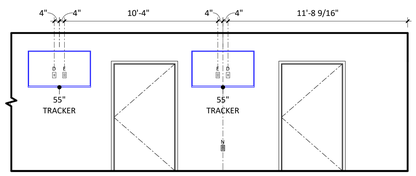


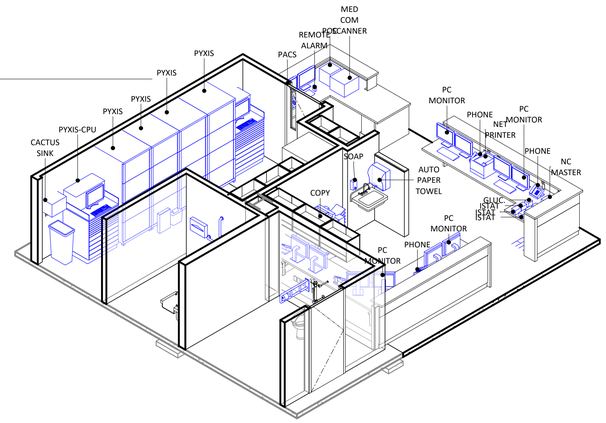
8 NURSE STATION 'A'
1/4" = 1'-0"



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



11 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

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

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

1ST MEDICAL DUDLEY C. CAMPBELL NUMBER A - 20210025749
DATE SIGNED: 04.18.25

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2100 SE BLUE PKWY LEE'S SUMMIT, MO 64063

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FACILITY NUMBER:
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AGENCY APPROVALS:
AGENCY

REVISIONS		
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DATE:	2025/04/18
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DRAWN:	JV, LL
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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)_xyz123/6406.24.0003 HCA - LSMC ED Expansion_R23.rvt

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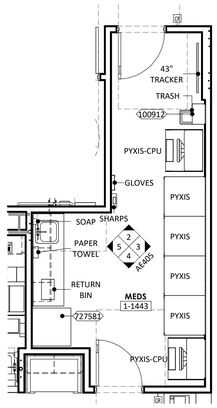

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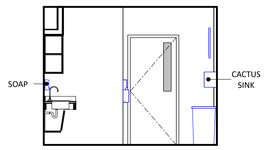
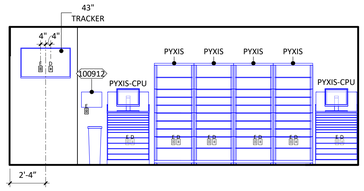


2 MEDS
1/4" = 1'-0"



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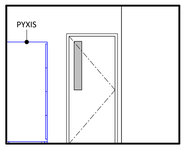
1/4" = 1'-0"



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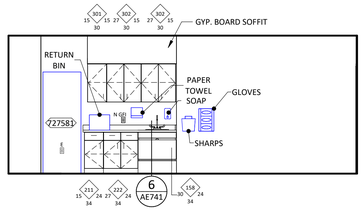
1/4" = 1'-0"



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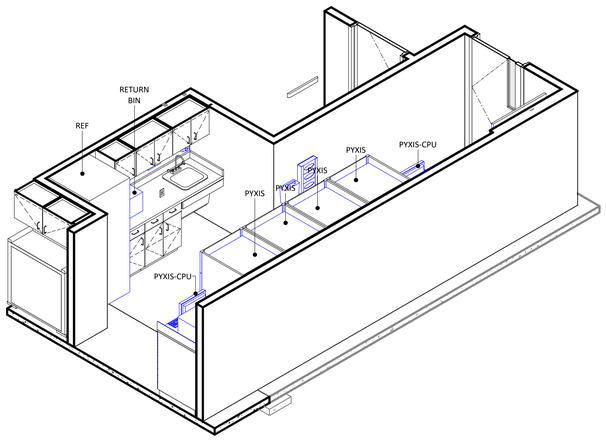
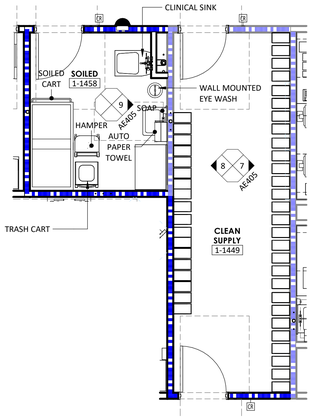
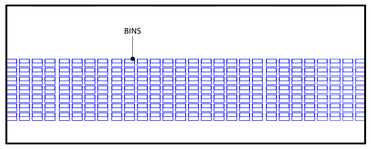
1/4" = 1'-0"



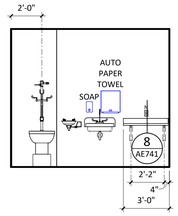
13 MEDS



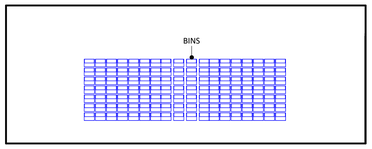
6 SOILED & CLEAN SUPPLY
1/4" = 1'-0"



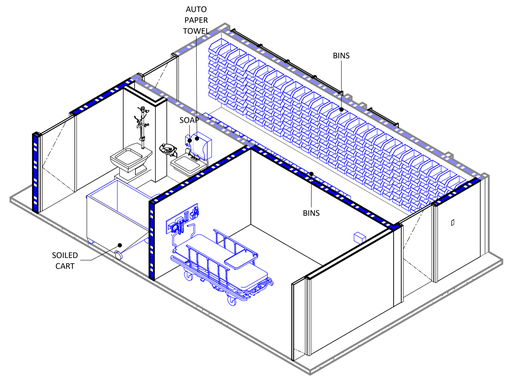
7 CLEAN SUPPLY
1/4" = 1'-0"



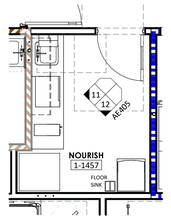
9 SOILED
1/4" = 1'-0"



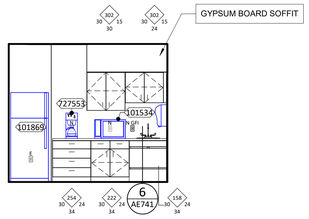
8 CLEAN SUPPLY
1/4" = 1'-0"



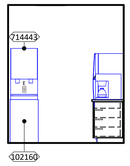
14 CLEAN SUPPLY / SOILED



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



11 NOURISH A
1/4" = 1'-0"



12 NOURISH B
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.

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
100912	CACTUS SINK	CACTUS SINK	OF	CI
101534	MICRO	MICRO	OF	CI
101869	REF	30" x 32" LH	OF	CI
102160	ICE STAND	102160 - Ice Maker Stand w/ Filter System wider	OF	CI
714443	ICE DISPENSER	10_ SPEQ_ Ice Maker_ FB_ v01	OF	CI
727553	COFFEE	10_ SPEQ_ Coffee Maker Small_ FB_ v01 2	OF	CI
727581	REF	727581-Pharm RH-glass door	OF	CI

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

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: 04.18.25

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

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

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

ENLARGED PLANS, INTERIOR ELEVATIONS - MEDS, SOILED, CLEAN, NOURISH

AE405

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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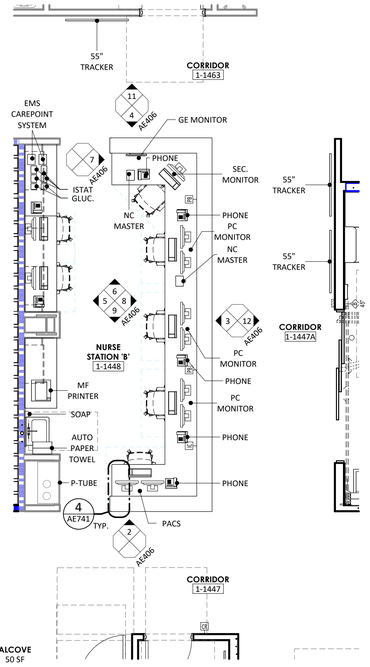
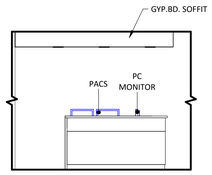
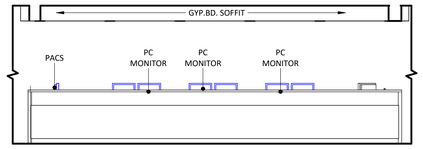


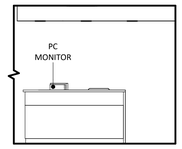
1 NURSE STATION 'B'
1/4" = 1'-0"



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"

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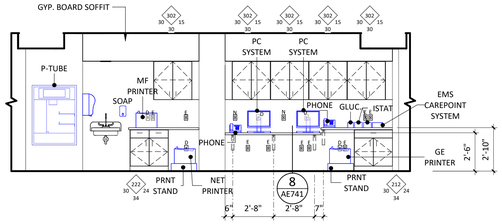
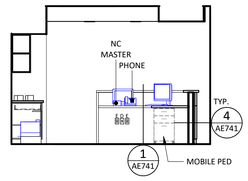
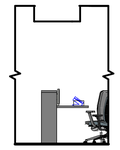


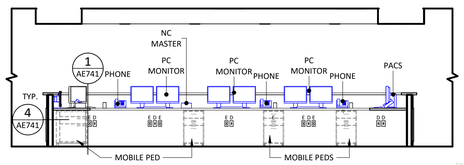
5 NURSE STATION 'B'
1/4" = 1'-0"



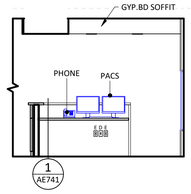
6 NURSE STATION 'B'
1/4" = 1'-0"



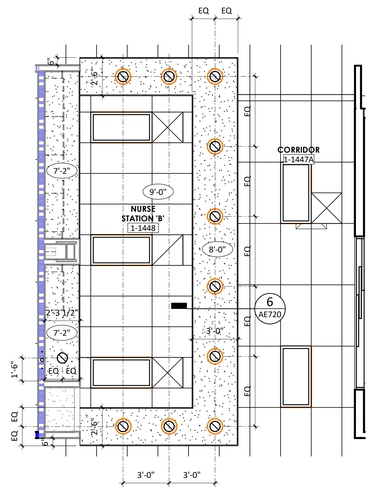
7 NURSE STATION 'B' - END
1/4" = 1'-0"



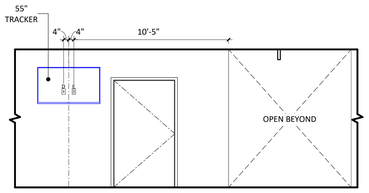
8 NURSE STATION 'B'
1/4" = 1'-0"



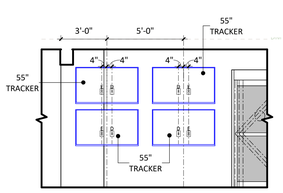
9 NURSE STATION 'B'
1/4" = 1'-0"



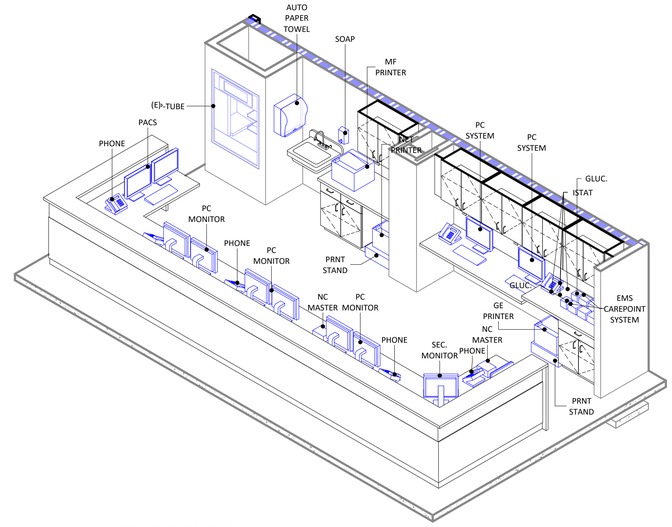
NURSE STATION 'B' - ENLARGED RCP
1/4" = 1'-0"



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



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



13 NURSE STATION B

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

1ST MEDICAL DUDLEY C. CAMPBELL NUMBER A - 20210025749

DATE SIGNED: 04.18.25

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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

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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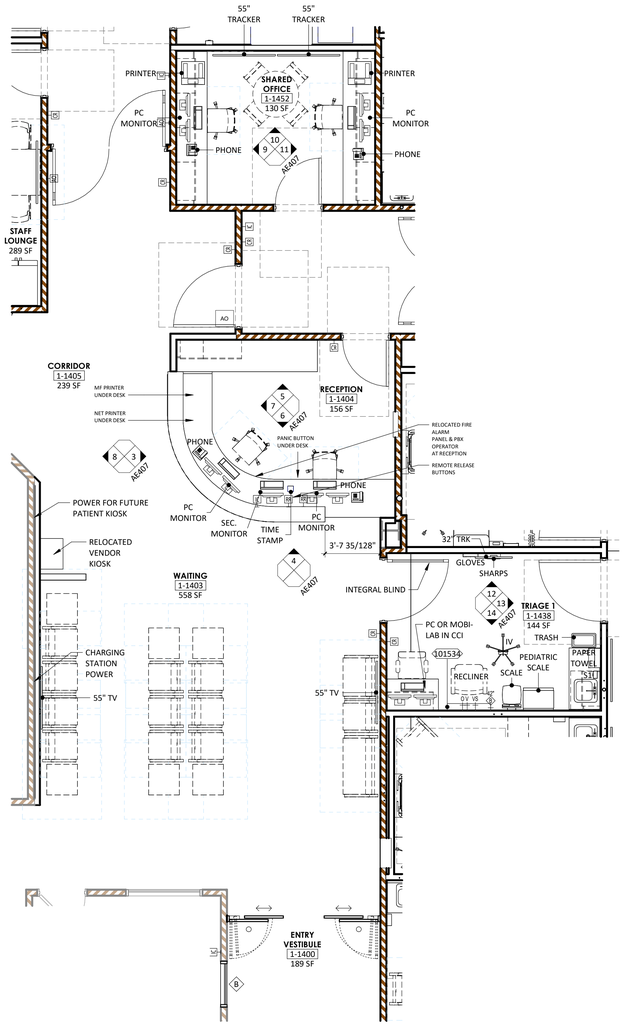
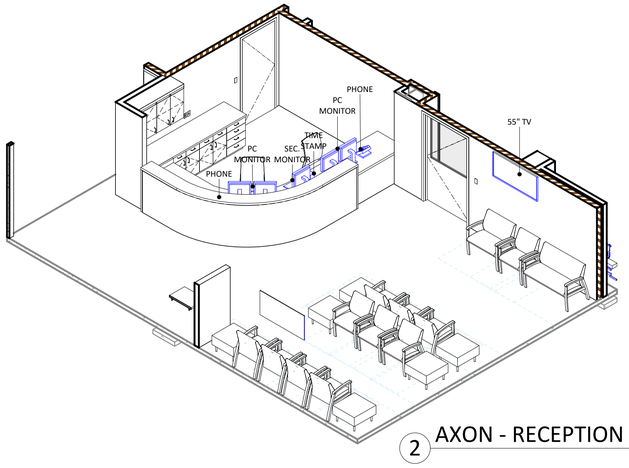
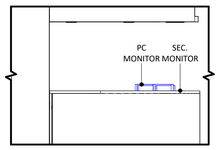


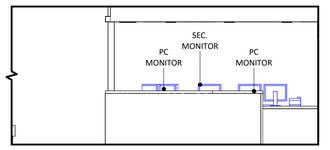
1 RECEPTION & WAITING
1/4" = 1'-0"



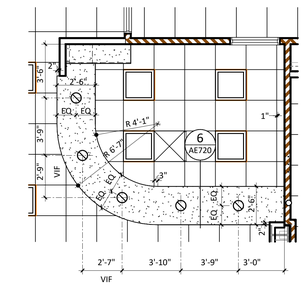
2 AXON - RECEPTION



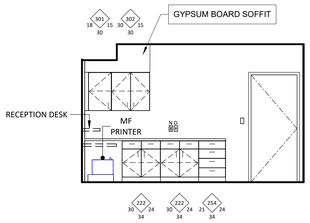
3 RECEPTION - SIDE
1/4" = 1'-0"



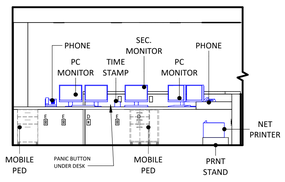
4 RECEPTION - FRONT
1/4" = 1'-0"



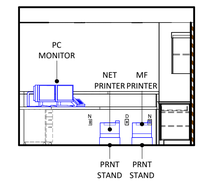
15 ENLARGED RECEPTION RCP
1/4" = 1'-0"



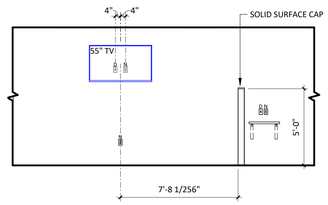
5 RECEPTION
1/4" = 1'-0"



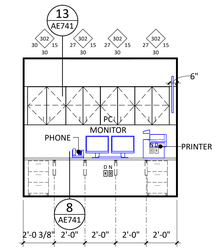
6 RECEPTION
1/4" = 1'-0"



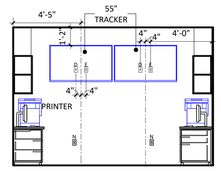
7 RECEPTION
1/4" = 1'-0"



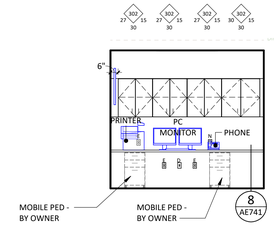
8 WAITING - KIOSK
1/4" = 1'-0"



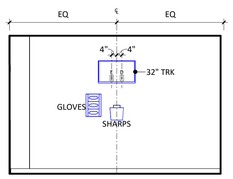
9 SHARED OFFICE
1/4" = 1'-0"



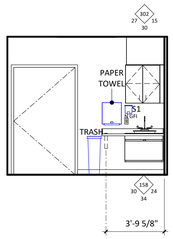
10 SHARED OFFICE
1/4" = 1'-0"



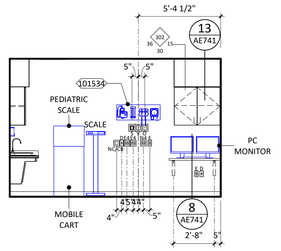
11 SHARED OFFICE - B
1/4" = 1'-0"



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.
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INTERIOR ELEVATIONS GENERAL NOTES

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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
NUMBER A - 2021002549
DATE SIGNED: 04.18.25

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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

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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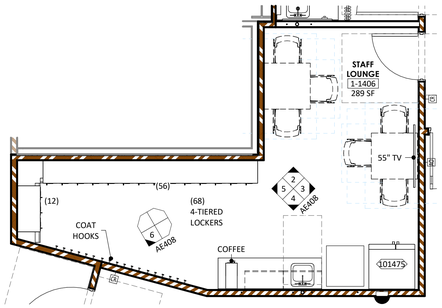
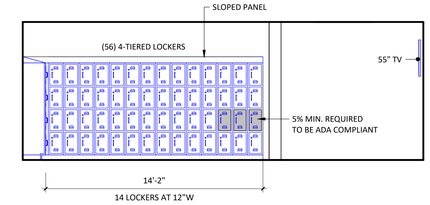
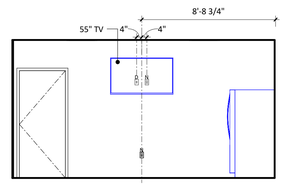
Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0003 HCA - LSMC ED Expansion_R23.rvt
4/23/2025 5:06:19 PM



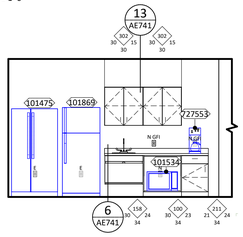
1 STAFF LOUNGE
1/4" = 1'-0"



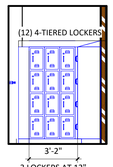
2 STAFF LOUNGE
1/4" = 1'-0"



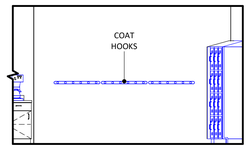
3 STAFF LOUNGE
1/4" = 1'-0"



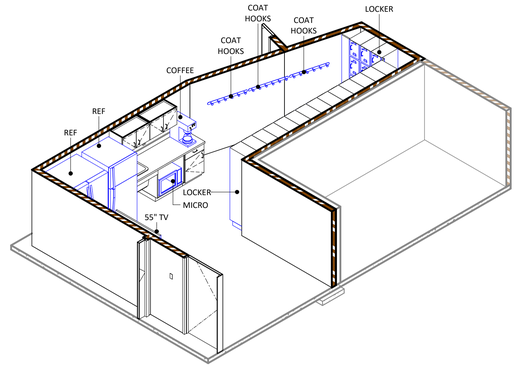
4 STAFF LOUNGE
1/4" = 1'-0"



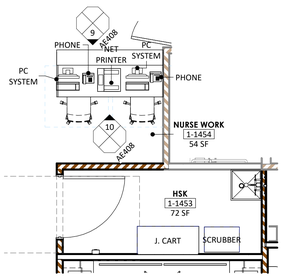
5 STAFF LOUNGE
1/4" = 1'-0"



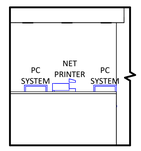
6 STAFF LOUNGE
1/4" = 1'-0"



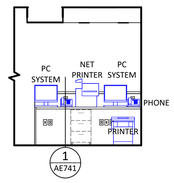
7 STAFF LOUNGE



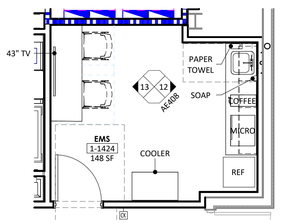
8 NURSE WORK - HSK
1/4" = 1'-0"



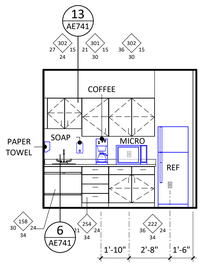
9 NURSE WORK - FRONT
1/4" = 1'-0"



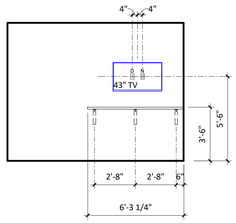
10 NURSE WORK
1/4" = 1'-0"



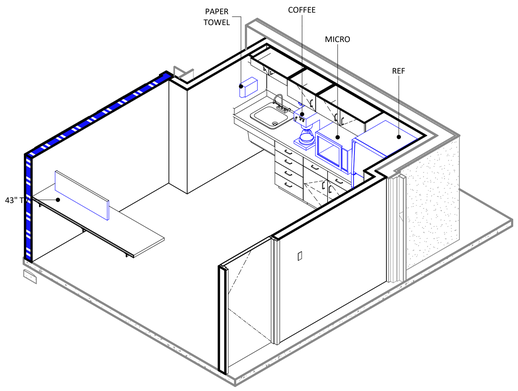
11 EMS
1/4" = 1'-0"



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



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



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

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

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: 04.18.25

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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

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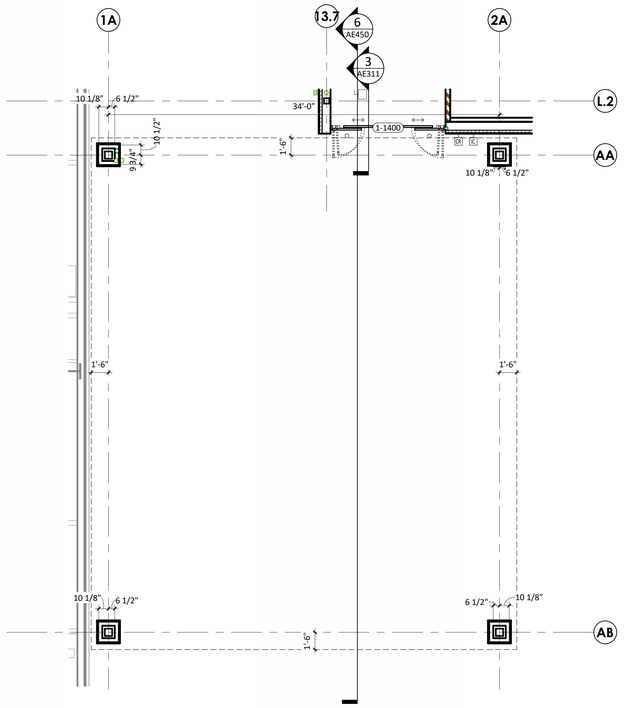
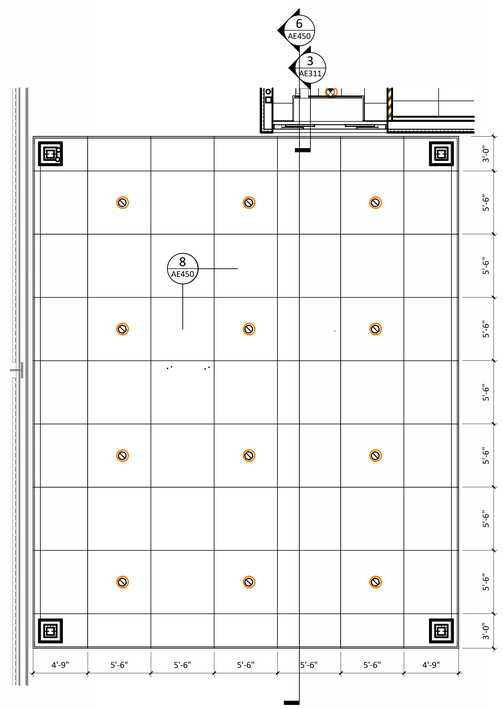
Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0003 HCA - LSMC ED Expansion_R23.rvt

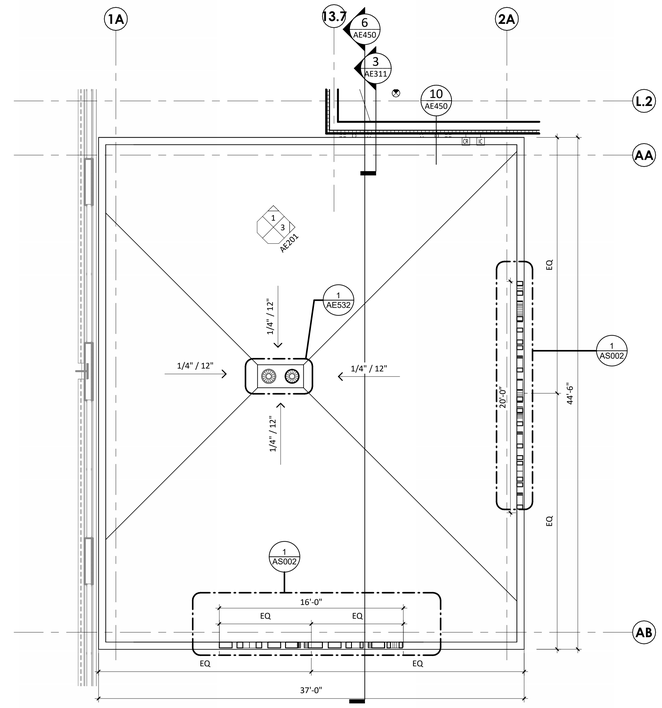
4/23/2025 5:06:25 PM



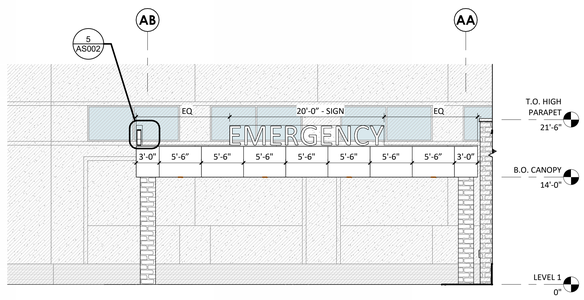
1 ENLARGED FLOOR PLAN - CANOPY A
3/16" = 1'-0"



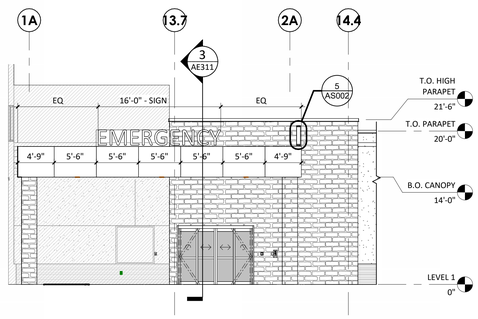
2 ENLARGED RCP - CANOPY
3/16" = 1'-0"



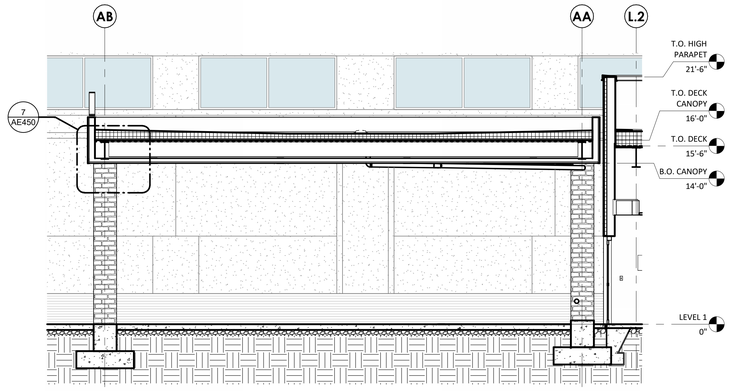
3 CANOPY A - ROOF PLAN
3/16" = 1'-0"



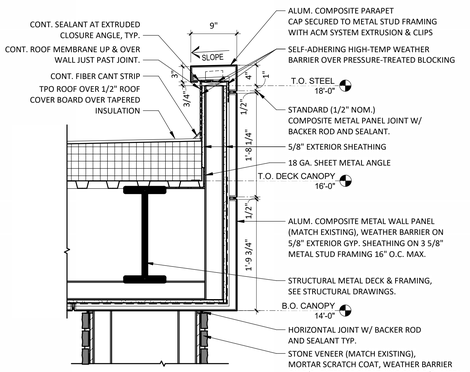
4 CANOPY - EAST ELEVATION
1/8" = 1'-0"



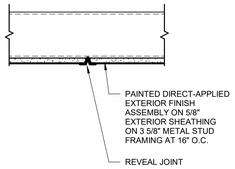
5 CANOPY - SOUTH ELEVATION
1/8" = 1'-0"



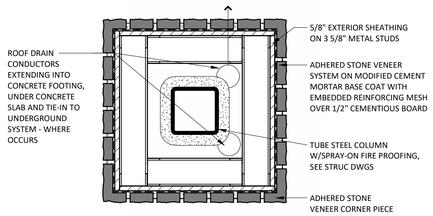
6 CANOPY SECTION
3/16" = 1'-0"



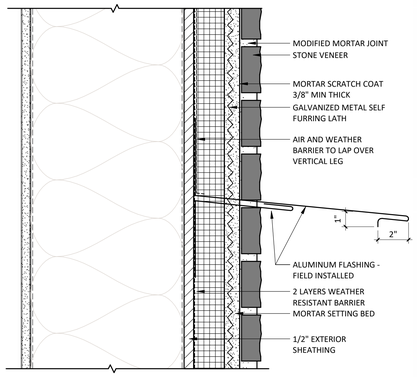
7 CANOPY EDGE
1" = 1'-0"



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

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

ARIZONA 1ST MEMBER
DUDLEY C. CAMPBELL
NUMBER
A - 2021002549

DATE SIGNED: 04.18.25

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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

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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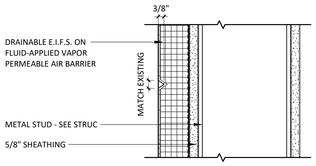
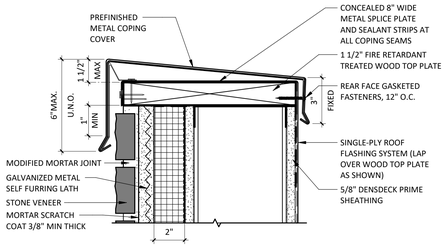
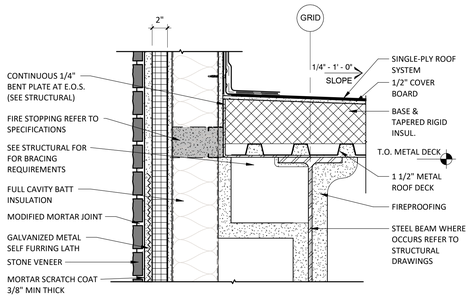


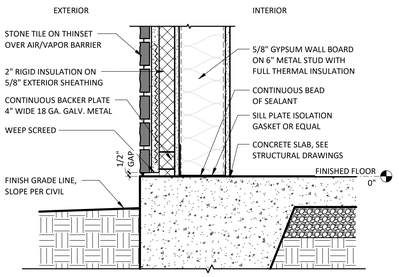
10 EIFS AESTHETIC REVEAL
3" = 1'-0"



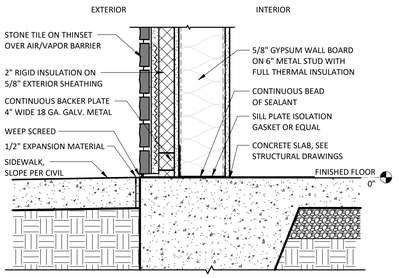
ROOF TERMINATION AT TOP OF STONE VENEER
9 3" = 1'-0"



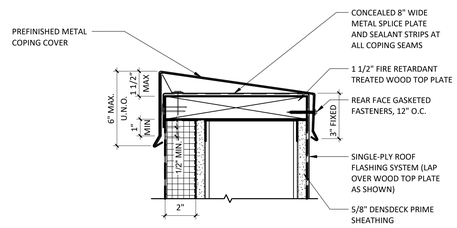
8 STONE VENEER AT ROOF
1 1/2" = 1'-0"



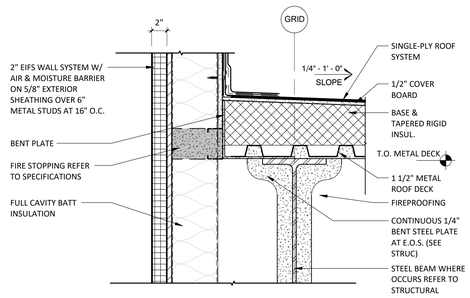
SLAB EDGE AT STONE AT GRADE
7 1 1/2" = 1'-0"



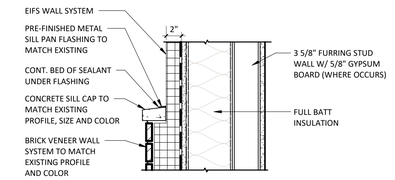
SLAB EDGE AT STONE AT CONCRETE
6 1 1/2" = 1'-0"



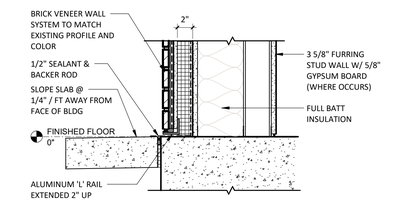
ROOF TERMINATION AT TOP OF EIFS WALL
5 3" = 1'-0"



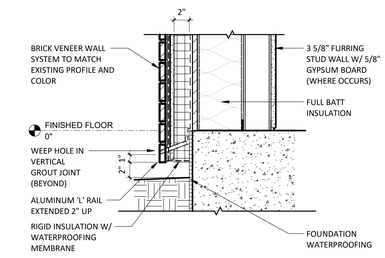
4 EIFS AT ROOF
1 1/2" = 1'-0"



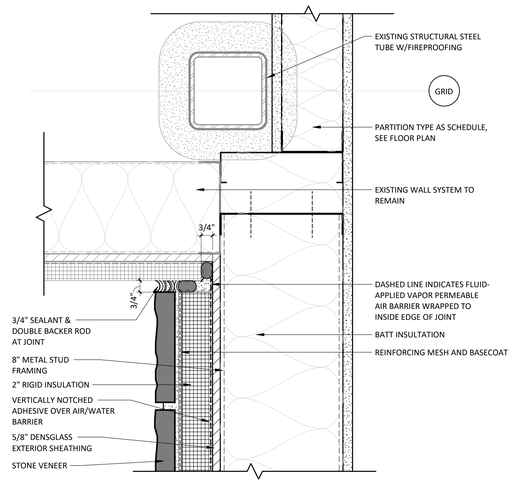
BRICK VENEER SILL AT 2" EIFS TRANSITION
3 1 1/2" = 1'-0"



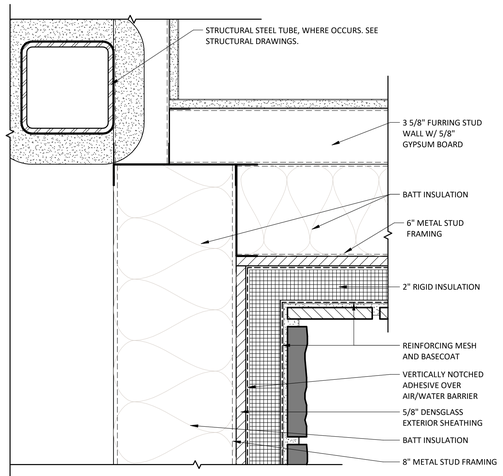
SLAB EDGE AT BRICK AT CONCRETE
2 1 1/2" = 1'-0"



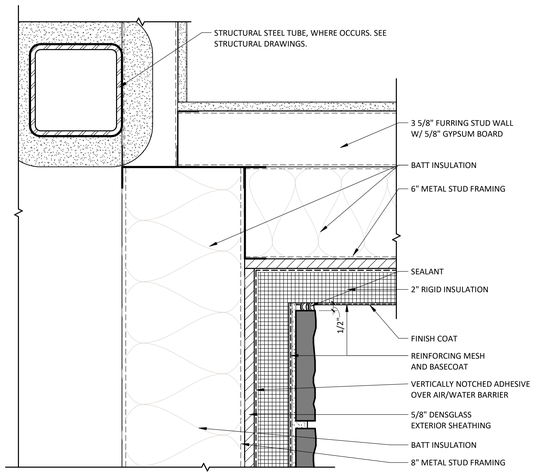
SLAB EDGE AT BRICK AT GRADE
1 1 1/2" = 1'-0"



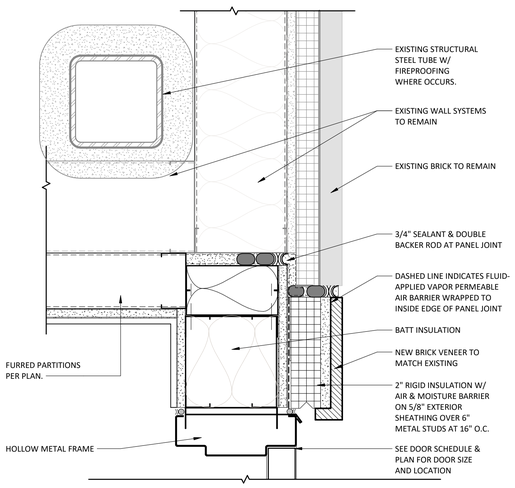
15 STONE VENEER TO EIFS
3" = 1'-0"



BRICK VENEER TO STONE VENEER AT INSIDE CORNER
12 3" = 1'-0"



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



NEW TO EXIST WALL TIE-IN @ INNER CORNER
11 3" = 1'-0"

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

Devenney GROUP

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

AUDLEY C. CAMPBELL
1ST MISSOURI
NUMBER A-2021002549

DATE SIGNED: 04.18.25

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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

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

EXTERIOR DETAILS

AE501

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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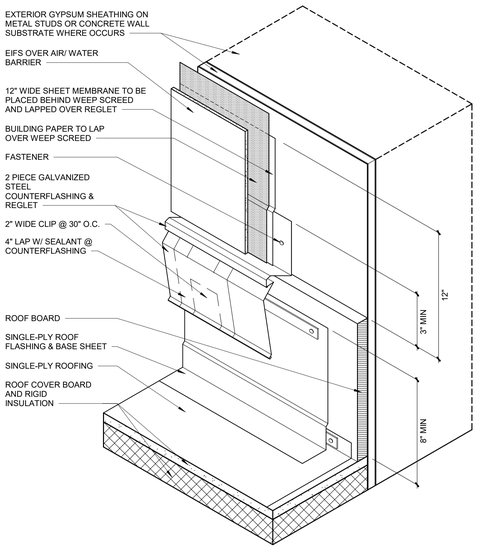
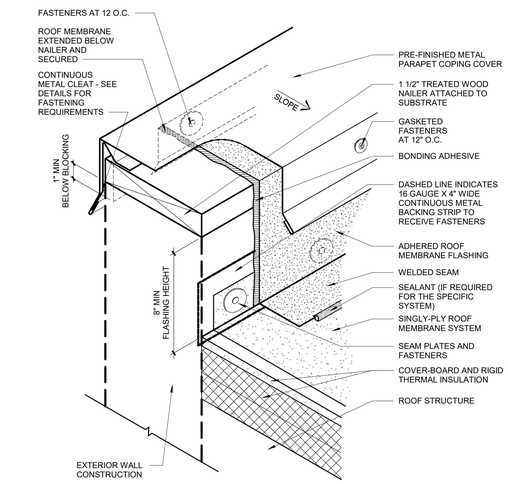
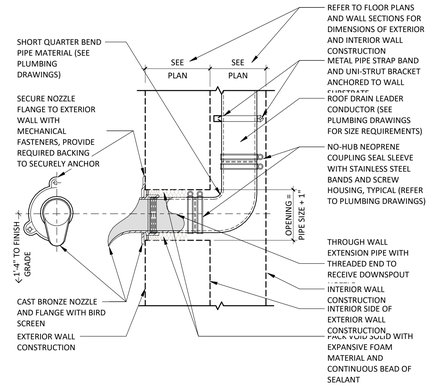
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025



1 ROOF COUNTERFLASHING (ISOMETRIC)
NTS

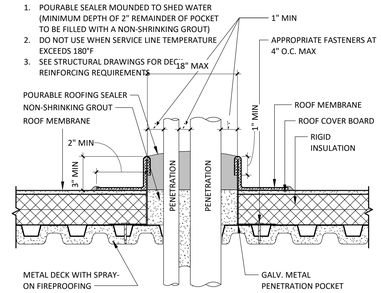


BASE FLASHING AT PARAPET WALL WITH METAL COPING
2
NTS



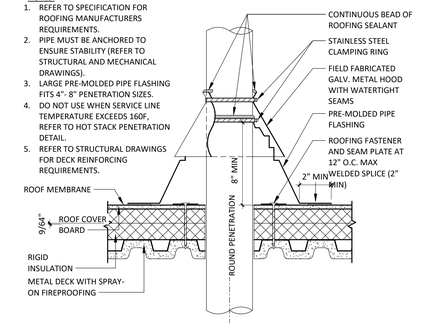
3 DOWNSPOUT NOZZLE OUTLET
1 1/2" = 1'-0"

NOTES:
1. POURABLE SEALER MOUNDED TO SHED WATER (MINIMUM DEPTH OF 2" REMAINDER OF POCKET TO BE FILLED WITH A NON-SHRINKING GROUT)
2. DO NOT USE WHEN SERVICE LINE TEMPERATURE EXCEEDS 180°F
3. SEE STRUCTURAL DRAWINGS FOR DECK REINFORCING REQUIREMENTS

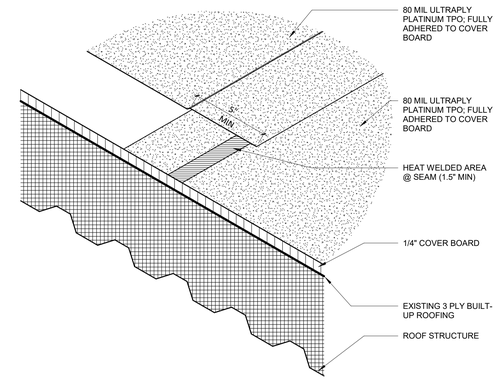


PIPE PENETRATION WITH SEALANT POCKET TO DECK (METAL DECK)
4
1 1/2" = 1'-0"

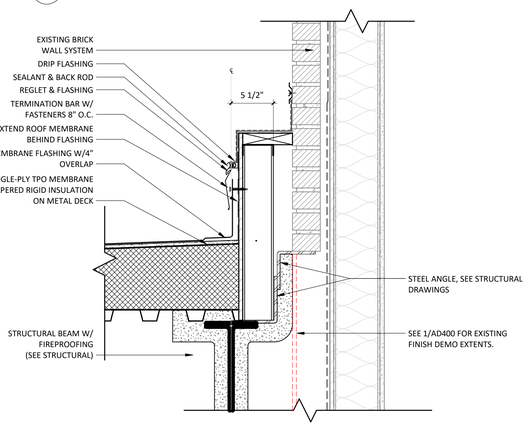
NOTES:
1. REFER TO SPECIFICATION FOR ROOFING MANUFACTURERS REQUIREMENTS.
2. PIPE MUST BE ANCHORED TO ENSURE STABILITY (REFER TO STRUCTURAL AND MECHANICAL DRAWINGS).
3. LARGE PRE-MOLDED PIPE FLASHING FITS 4" - 8" PENETRATION SIZES.
4. DO NOT USE WHEN SERVICE LINE TEMPERATURE EXCEEDS 160F, REFER TO HOT STACK PENETRATION DETAIL.
5. REFER TO STRUCTURAL DRAWINGS FOR DECK REINFORCING REQUIREMENTS.



LARGE PIPE PENETRATION (METAL DECK)
7
1 1/2" = 1'-0"

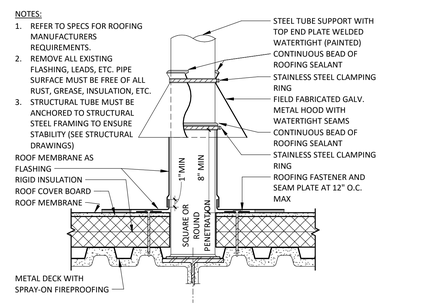


5 TYPICAL ROOF SYSTEM AND SEAM
3" = 1'-0"



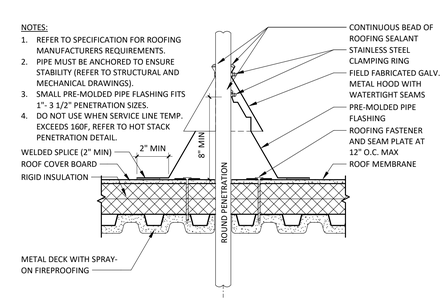
6 EXISTING BRICK TO ROOF
1 1/2" = 1'-0"

NOTES:
1. REFER TO SPECS FOR ROOFING MANUFACTURERS REQUIREMENTS.
2. REMOVE ALL EXISTING FLASHING, LEADS, ETC. PIPE SURFACE MUST BE FREE OF ALL RUST, GREASE, INSULATION, ETC.
3. STRUCTURAL TUBE MUST BE ANCHORED TO STRUCTURAL STEEL FRAMING TO ENSURE STABILITY (SEE STRUCTURAL DRAWINGS)

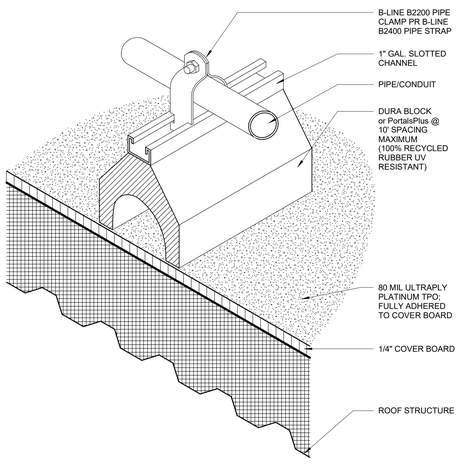


STRUCTURAL STEEL POST / COLUMN PENETRATION (METAL DECK)
10
1 1/2" = 1'-0"

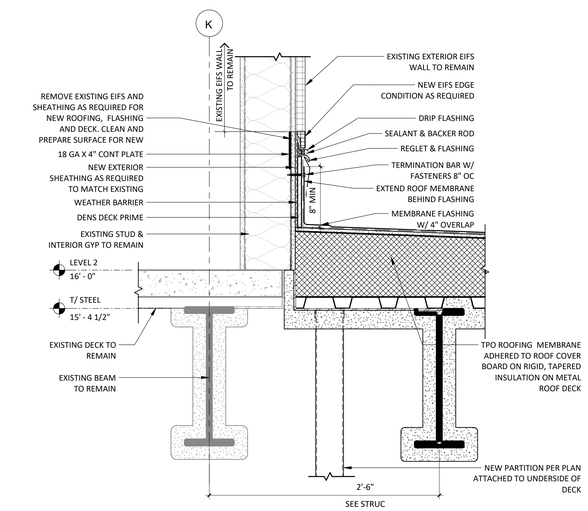
NOTES:
1. REFER TO SPECIFICATION FOR ROOFING MANUFACTURERS REQUIREMENTS.
2. PIPE MUST BE ANCHORED TO ENSURE STABILITY (REFER TO STRUCTURAL AND MECHANICAL DRAWINGS).
3. SMALL PRE-MOLDED PIPE FLASHING FITS 1"- 3 1/2" PENETRATION SIZES.
4. DO NOT USE WHEN SERVICE LINE TEMP. EXCEEDS 160F, REFER TO HOT STACK PENETRATION DETAIL.



SMALL PIPE PENETRATION (METAL DECK)
11
1 1/2" = 1'-0"



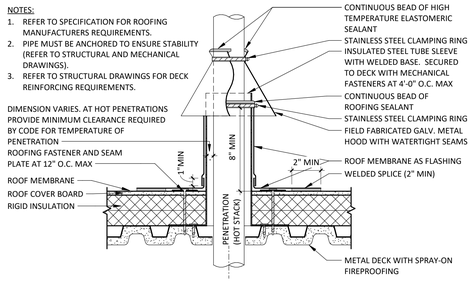
8 PIPE SUPPORT
3" = 1'-0"



9 NEW ROOF TO EXISTING BUILDING TRANSITION
1 1/2" = 1'-0"

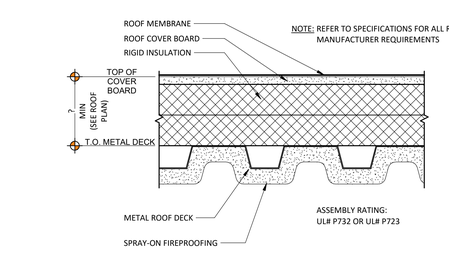
NOTES:
1. REFER TO SPECIFICATION FOR ROOFING MANUFACTURERS REQUIREMENTS.
2. PIPE MUST BE ANCHORED TO ENSURE STABILITY (REFER TO STRUCTURAL AND MECHANICAL DRAWINGS).
3. REFER TO STRUCTURAL DRAWINGS FOR DECK REINFORCING REQUIREMENTS.

DIMENSION VARIES. AT HOT PENETRATIONS PROVIDE MINIMUM CLEARANCE REQUIRED BY CODE FOR TEMPERATURE OF PENETRATION



HOT STACK PIPE PENETRATION (METAL DECK)
12
1 1/2" = 1'-0"

NOTES:
1. REFER TO SPECIFICATIONS FOR ALL ROOFING MANUFACTURER REQUIREMENTS



BUILT UP ROOF SECTION (METAL DECK)
13
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
NUMBER A - 2021002549
DATE SIGNED: 04.18.25

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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

AUTHORITY HAVING JURISDICTION'S PROJECT NO:

FACILITY NUMBER:
0972400011

AGENCY APPROVALS:
AGENCY

REVISIONS		
REV #	DESCRIPTION	DATE

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

EXTERIOR ROOF DETAILS

AE531

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.

4/23/2025 5:06:35 PM Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0003 HCA - LSMC ED Expansion_ENG.rvt

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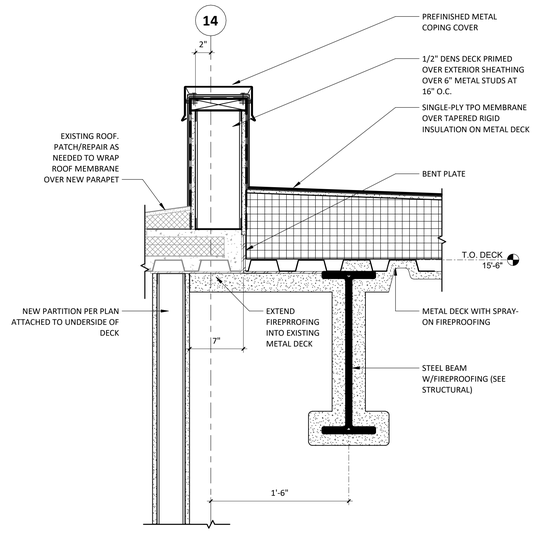
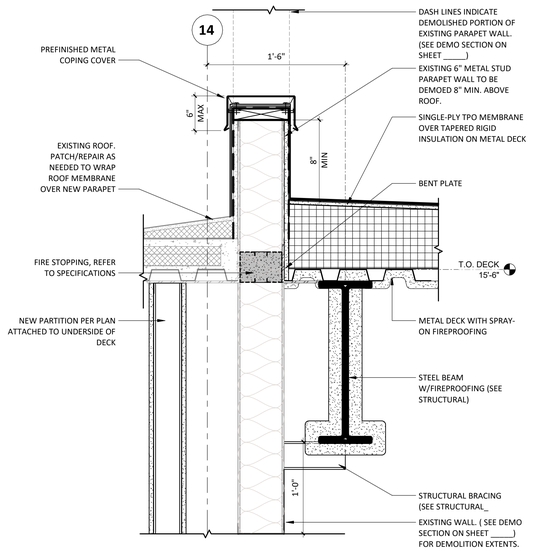
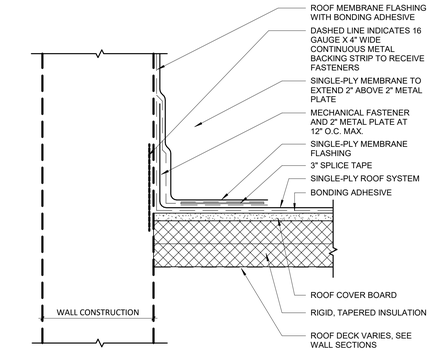


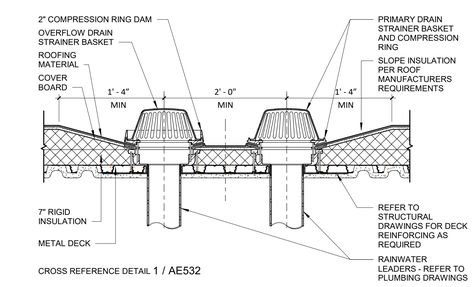
6 CURB @ ROOF
1 1/2" = 1'-0"



5 CURB AT ROOF TRANSITION
1 1/2" = 1'-0"

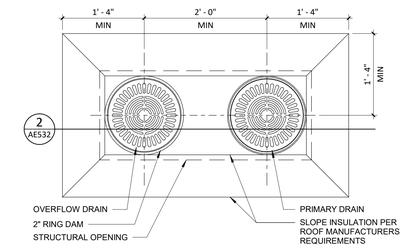


3 TYPICAL ROOF FLASHING
3" = 1'-0"



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"

Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

DUDLEY C. CAMPBELL — 1ST MISSOURI — NUMBER A-2021002549

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ED EXPANSION

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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

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

EXTERIOR ROOF DETAILS

AE532

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvr23/6406.24.0003 HCA - LSMC ED Expansion_R23.rvt
4/23/2025 5:06:36 PM

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As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

DOOR SCHEDULE

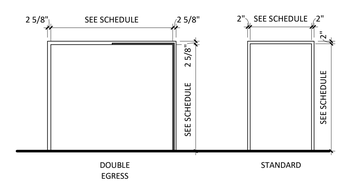
DOOR MATERIAL	DOOR GLAZING	FRAME MATERIAL	FRAME GLAZING	REMARKS
WD - SOLID CORE WOOD	T - TEMPERED	HM - HOLLOW METAL	T - TEMPERED	1 - EXISTING DOOR FRAMES TO REMAIN AND PAINTED TO MATCH NEW DOOR FRAME FINISH. REPLACE DOOR AND HARDWARE.
WDPL - PLASTIC LAMINATE WOOD	L - LAMINATED	AL - ALUMINUM	L - LAMINATED	
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

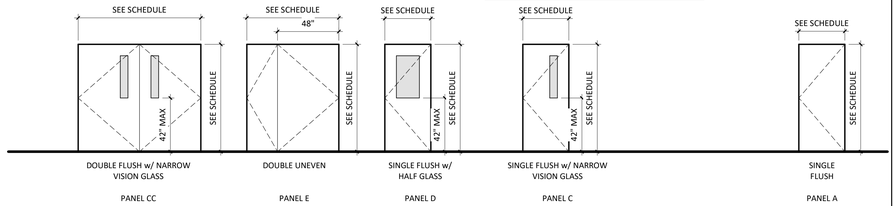
ROOM NUMBER	WIDTH	HEIGHT	DOOR PANEL			FRAME		DETAILS			RATING	HARDWARE	REMARKS
			MATERIAL	ELEV.	GLAZING	MATERIAL	ELEV.	HEAD	JAMB	SILL	FIRE		
LEVEL 1													
1-1400	10'-0"	7'-8"	AL/GL	A4	IGU	AL	A4	10/AE631	9/AE631	8/AE631	-	109A	
1-1403	10'-0"	7'-8"	AL/GL	A4	T	AL	A4	10/AE631	9/AE631		-	110A	
1-1404	3'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	SMOKE	004C	
1-1405	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	SMOKE	010B	
1-1405	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	20 MIN	010C	
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	
1-1426	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	-	009B	
1-1438A	4'-0"	7'-0"	WDPL/GL	D	T	HM	1	3/AE631	2/AE631	1/AE631	SMOKE	009B	
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	
1-1449	3'-0"	7'-0"	WDPL	A	-	EXIST	EXIST	EXIST	EXIST	EXIST	45 MIN	009A	1
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		004A	
1-1453	4'-0"	7'-0"	WDPL	A	-	HM	1	3/AE631	2/AE631	1/AE631	SMOKE	006B	
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	-	HM	1	3/AE631	2/AE631	1/AE631	-	008B	
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	
1-1461	7'-4"	7'-0"	WDPL/GL	CC	T	HM	2	7/AE631	7/AE631	1/AE631	20 MIN	012E	
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

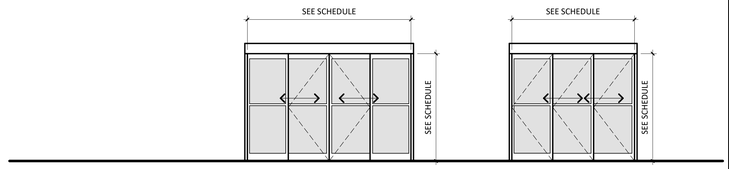
1. THE PURPOSE OF THIS SHEET IS TO DESCRIBE AND ILLUSTRATE DOOR TYPES. NOT ALL DOOR TYPES SHOWN ARE NECESSARILY USED. SEE DOOR MARK SCHEDULE FOR DOOR TYPES USED.
2. FIRE DOORS AND FRAMES SHALL HAVE AN APPROVED LABEL OR LISTING MARK INDICATING THE FIRE PROTECTION RATING WHICH IS PERMANENTLY AFFIXED AT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

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: 04.18.25

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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

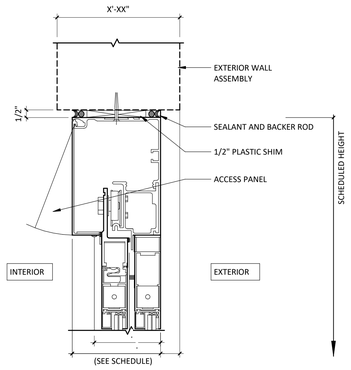
REVISIONS		
REV #	DESCRIPTION	DATE

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

DOOR SCHEDULES, DOOR & FRAME TYPES

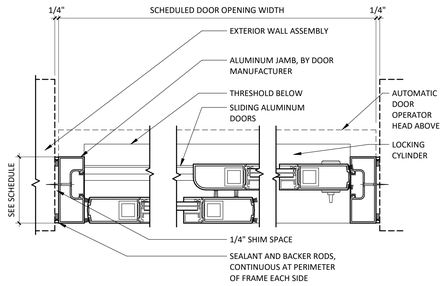
AE601

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.
Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/6406.24.0003 HCA - LSMC ED Expansion_R23.rvt
4/23/2025 5:06:38 PM



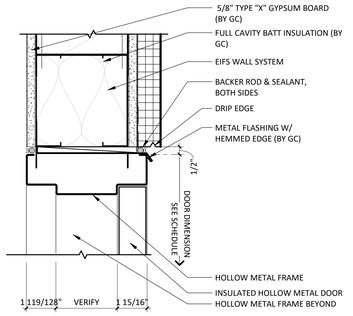
EXTERIOR ALUMINUM SLIDING DOOR HEAD

10 — 3" = 1'-0"



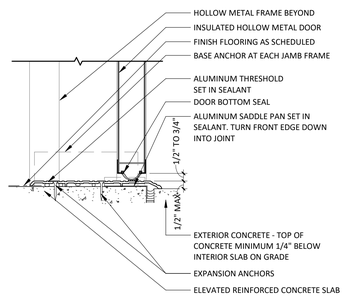
EXTERIOR ALUMINUM SLIDING DOOR JAMB

9 — 3" = 1'-0"



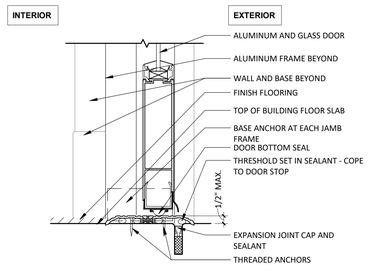
HOLLOW METAL DOOR HEAD/JAMB

12 — 3" = 1'-0"



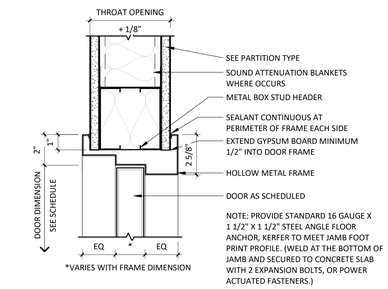
HOLLOW METAL DOOR SILL

11 — 3" = 1'-0"



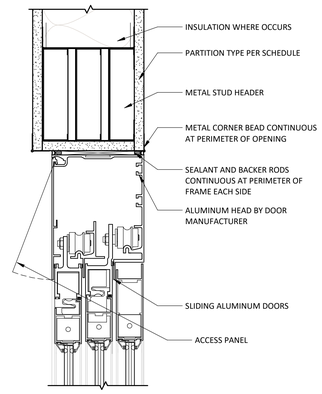
EXTERIOR ALUMINUM DOOR THRESHOLD

8 — 3" = 1'-0"



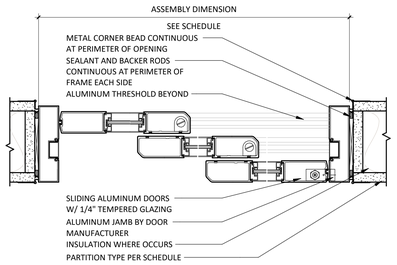
HEAD/JAMB AT DOUBLE EGRESS

7 — 3" = 1'-0"



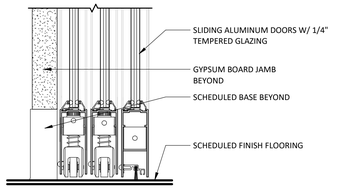
HEAD AT 3-PANEL AUTO SLIDING DOOR

6 — 3" = 1'-0"



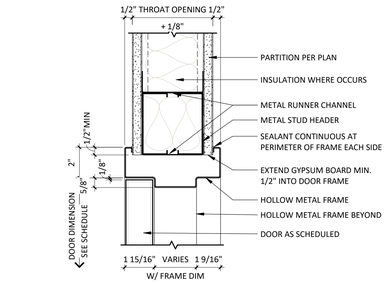
JAMB AT 3-PANEL AUTO SLIDING DOOR

5 — 3" = 1'-0"



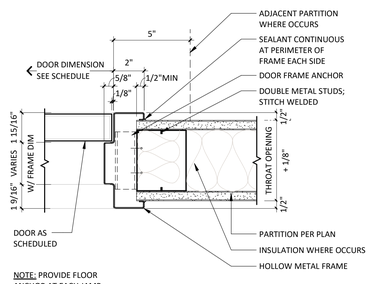
SILL AT 3-PANEL AUTO SLIDING DOOR

4 — 3" = 1'-0"



HEAD AT HOLLOW METAL FRAME

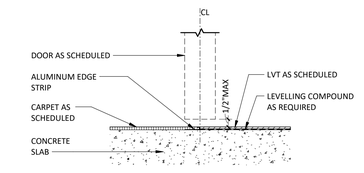
3 — 3" = 1'-0"



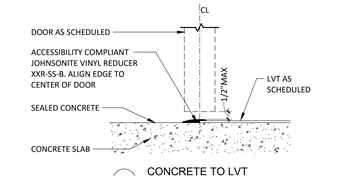
NOTE: PROVIDE FLOOR ANCHOR AT EACH JAMB

JAMB AT HOLLOW METAL FRAME

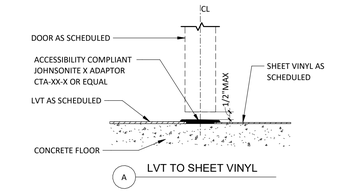
2 — 3" = 1'-0"



C — CARPET TO LVT



B — CONCRETE TO LVT



A — LVT TO SHEET VINYL

TYP SILL DETAILS

1 — 3" = 1'-0"

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

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: 04.18.25

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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

DATE:	2025/04/18
SCALE:	3" = 1'-0"
DRAWN:	LL
REVIEWED:	
JOB NUMBER:	6406.24.0003

EXTERIOR & INTERIOR DOOR DETAILS

AE631

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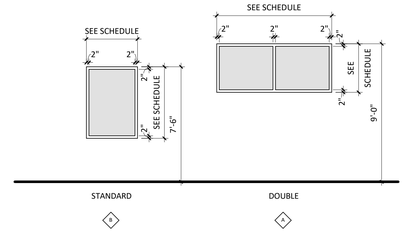
WINDOW SCHEDULE		
FRAME MATERIAL	GLAZING	REMARKS
HM - HOLLOW METAL	T - TEMPERED	1 - INTEGRAL VISION CONTROL WINDOW TO MATCH EXISTING AT GLAZING NOTED 'VC' ON EXTERIOR ELEVATIONS
AL - ALUMINUM	L - LAMINATED	
STL - STEEL	FR - FIRE RESISTIVE	
E - EXISTING	FP - FIRE PROTECTIVE	
	IGU - INSULATED GLASS UNIT	

Window Schedule

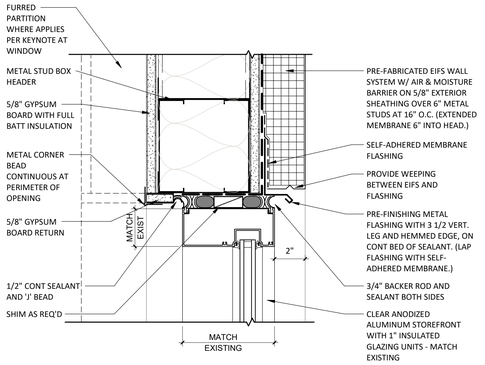
ID	WIDTH	HEIGHT	MATERIAL		DETAILS			REMARKS
			GLAZING	FRAME	HEAD	JAMB	SILL	
A	12'-0"	2'-8"	IGU	AL	6/AE651	5/AE651	4/AE651	
B	3'-0"	5'-0"	T	AL	3/AE651	2/AE651	1/AE651	SMOKE

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.

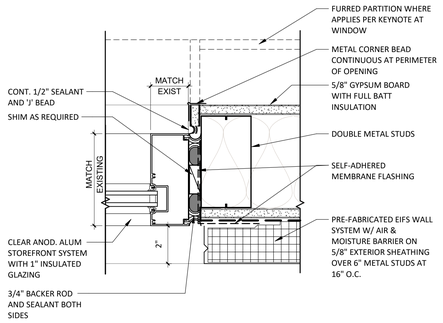


WINDOW ELEVATIONS



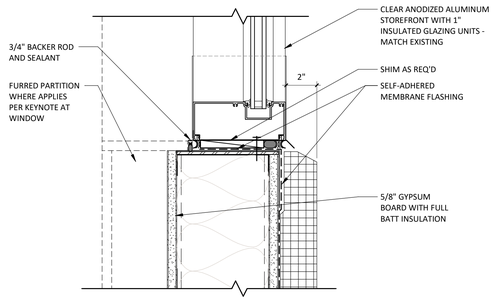
ALUMINUM HEAD - EIFS FINISH

6 — 3" = 1'-0"



ALUMINUM STOREFRONT JAMB - EIFS FINISH

5 — 3" = 1'-0"

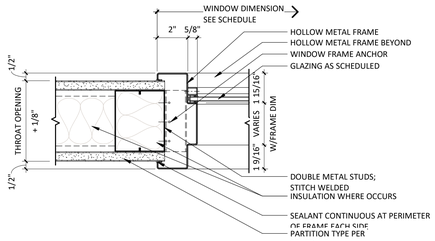


ALUMINUM STOREFRONT SILL - EIFS FINISH

4 — 3" = 1'-0"

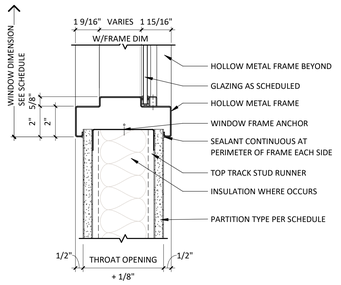
HEAD AT HOLLOW METAL WINDOW

3 — 3" = 1'-0"



JAMB AT HOLLOW METAL WINDOW

2 — 3" = 1'-0"



SILL AT HOLLOW METAL WINDOW

1 — 3" = 1'-0"

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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:

DATE SIGNED: 04.18.25

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REVIEWED:	DP/MM
JOB NUMBER:	6406.24.0003

WINDOW SCHEDULES, FRAME TYPES & DETAILS

AE651

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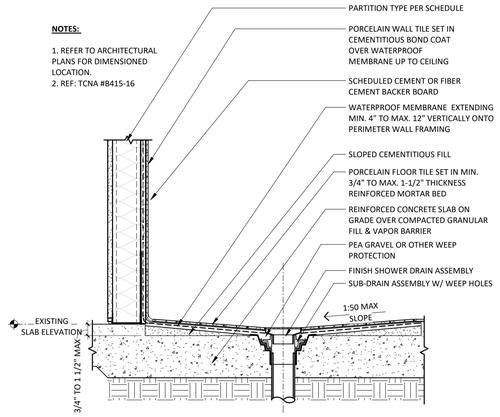
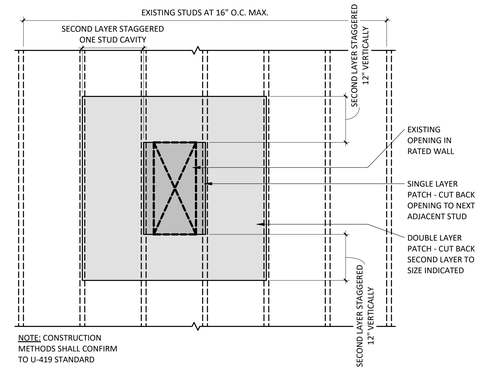


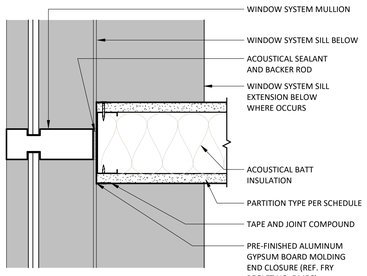
SHOWER WALL & RECEPTOR AT SLAB ON GRADE

5 — 1 1/2" = 1'-0"



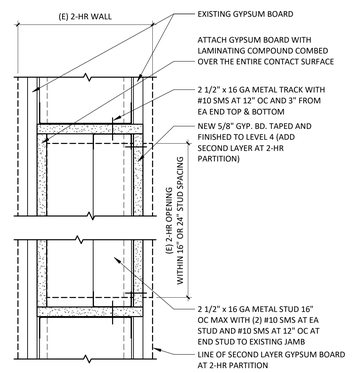
1 & 2 HOUR RATED PARTITION PATCHING

3 — 3/4" = 1'-0"



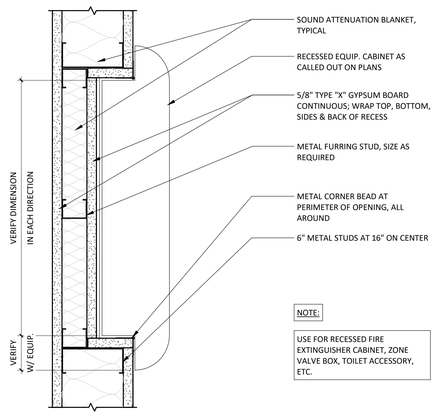
CENTER PARTITION TERMINATION AT MULLION

6 — 3" = 1'-0"



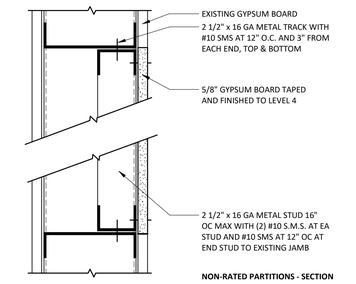
1 & 2 HOUR PARTITION OPENING INFILL

2 — 3" = 1'-0"



RECESSED FIRE EXTINGUISHER CABINET

4 — 3" = 1'-0"



PARTITION OPENING INFILL NON-RATED

1 — 3" = 1'-0"

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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:

STATE OF MISSOURI
DUDLEY C. CAMPBELL
NUMBER A-2021002549

DATE SIGNED: 04.18.25

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INTERIOR DETAILS

AE701

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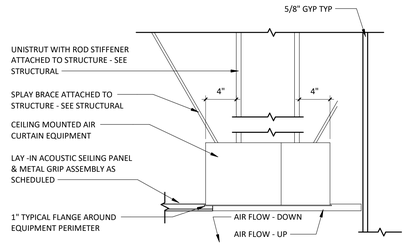
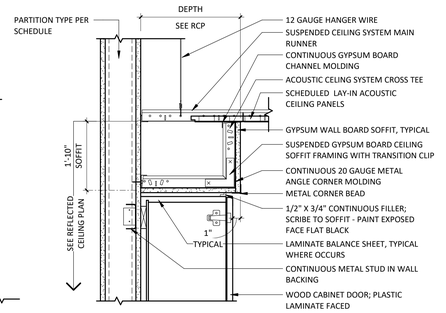
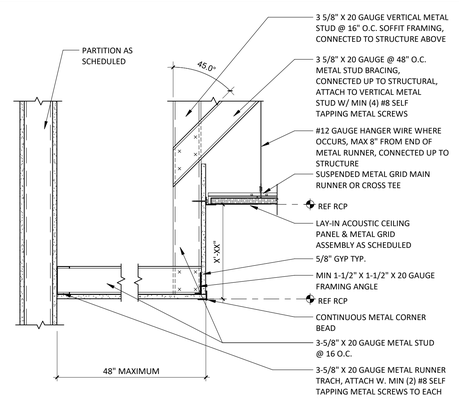


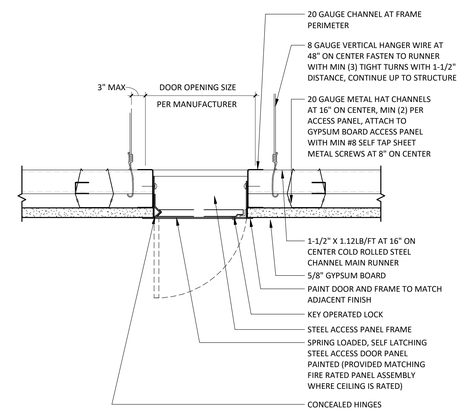
12 AIR CURTAIN
1 1/2" = 1'-0"



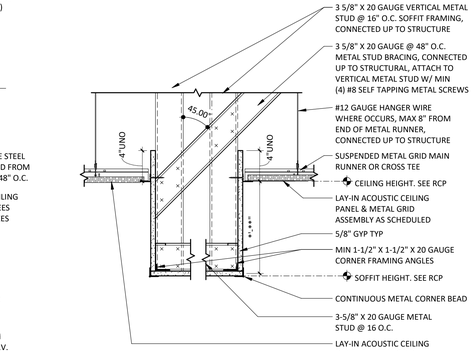
GYPSUM BOARD SOFFIT AT ACOUSTIC CEILING SYSTEM
8 1 1/2" = 1'-0"



4 GYP BD SOFFIT TO APC
1 1/2" = 1'-0"
C1070

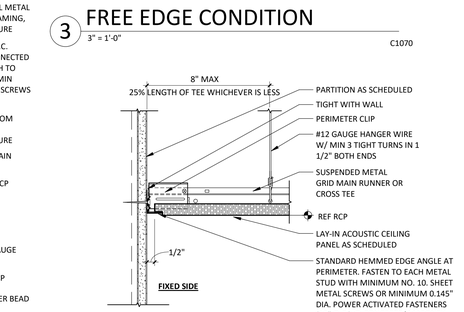


11 FLUSH METAL ACCESS PANEL
3" = 1'-0"

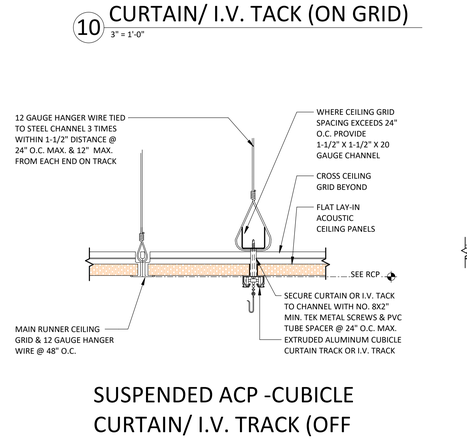


7 NARROW BULKHEAD
1 1/2" = 1'-0"

6 GYP BD SOFFIT TO APC
1 1/2" = 1'-0"



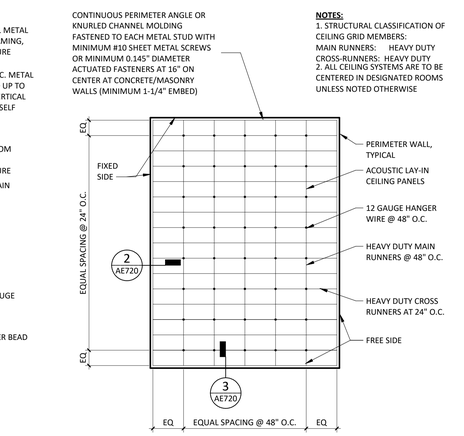
SUSPENDED LAY-IN CEILING FREE EDGE CONDITION
3 3" = 1'-0"
C1070



SUSPENDED ACP -CUBICLE CURTAIN/ I.V. TRACK (OFF GRID)
9 3" = 1'-0"

GYP BD SOFFIT TO STAGGERED APC
5 1 1/2" = 1'-0"
C1070

SUSPENDED LAY-IN CEILING EDGE CONDITION
2 3" = 1'-0"
C1070



1 APC-SUSPENDED CEILING
1/8" = 1'-0"
C1070

Devenney Group Ltd., Architects

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Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

ARIZONA
DUDLEY C. CAMPBELL
NUMBER
A - 2021002549
DATE SIGNED: 04.18.25

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INTERIOR CEILING/ SOFFIT DETAILS

AE720

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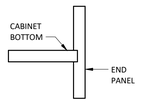
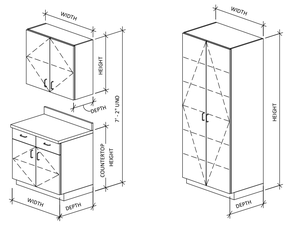
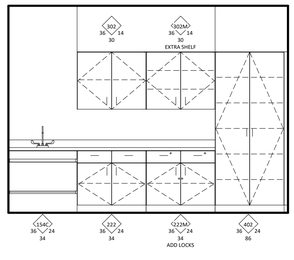


1 SEC. - UPPER CABINET EXPOSED END AT VALANCE
3" = 1'-0"

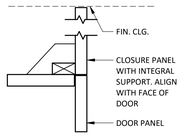




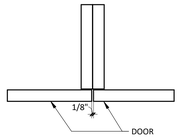
CASEWORK LEGEND
NTS

CASEWORK GENERAL NOTES

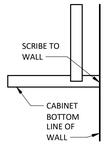
1. CABINETRY NUMBERS FOLLOW THE NORTH AMERICAN WOODWORK STANDARDS – CASEWORK DESIGN SERIES
2. REFER TO INTERIOR ELEVATIONS FOR CABINETRY INFORMATION
3. PROVIDE BLOCKING WITHIN PARTITION FOR ALL CABINETRY ATTACHED TO WALLS. SEE TYPICAL CABINET ANCHORAGE DETAIL FOR MORE INFORMATION.
4. DETAIL SECTIONS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



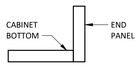
3 SEC. - UPPER CABINET CLOSURE PANEL
3" = 1'-0"



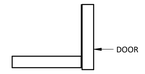
4 PLAN - CABINET TO CABINET
3" = 1'-0"



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



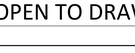
6 SEC. - UPPER CABINET EXPOSED EDGE
3" = 1'-0"



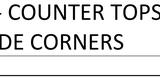
7 SEC - UPPER CABINET WITH DOORS
3" = 1'-0"

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

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

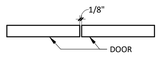


10 PLAN - FILLER PANEL
3" = 1'-0"

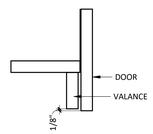


11 SEC. - KNEE SPACE / APRON
3" = 1'-0"

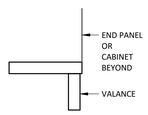
12 SEC. - COUNTER TOP WITH DOOR BELOW
3" = 1'-0"



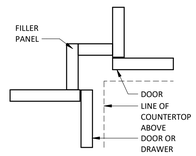
13 PLAN - DOOR TO DOOR
3" = 1'-0"



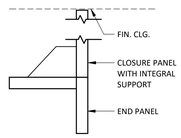
14 SEC. - UPPER CABINET WITH DOORS AT VALANCE
3" = 1'-0"



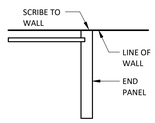
15 SEC. - UPPER CABINET OPEN AT VALANCE
3" = 1'-0"



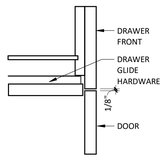
16 PLAN - INSIDE CORNER FILLER
3" = 1'-0"



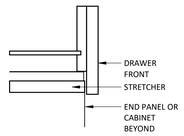
17 SEC. - UPPER CABINET CLOSURE PANEL RETURN
3" = 1'-0"



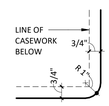
18 PLAN - END PANEL AT WALL
3" = 1'-0"



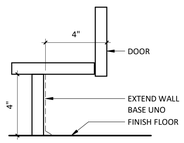
19 SEC. - DOOR TO DRAWER
3" = 1'-0"



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



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



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

RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

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

Consultant:

ARIZONA
DUDLEY C. CAMPBELL
NUMBER
A - 2021002549
DATE SIGNED: 04.18.25

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

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

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

CASEWORK AND MILLWORK DETAILS

AE740

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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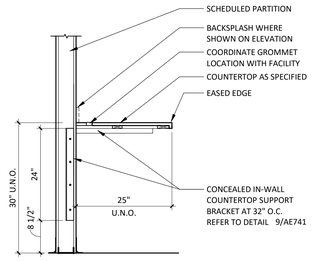
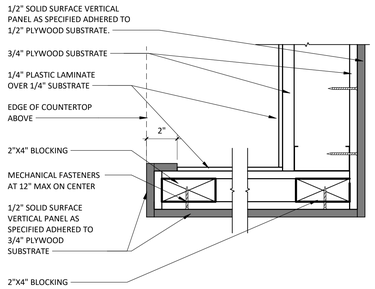
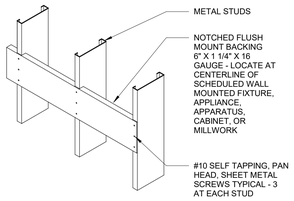
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025



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

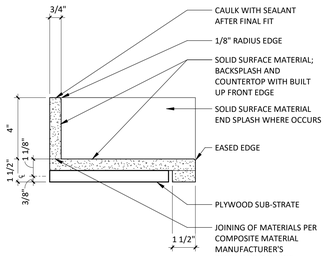


4 VERTICAL SOLID SURFACE END PANEL
3" = 1'-0"

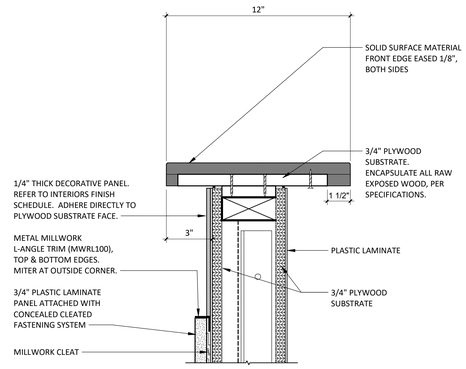


NOTE: GC TO COORDINATE IN-WALL BACKING LOCATIONS WITH ALL WALL MOUNTED EQUIPMENT INSTALLATION REQUIREMENTS.

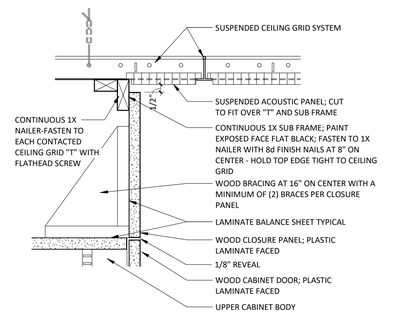
11 CONTINUOUS METAL BACKING
1" = 1'-0"



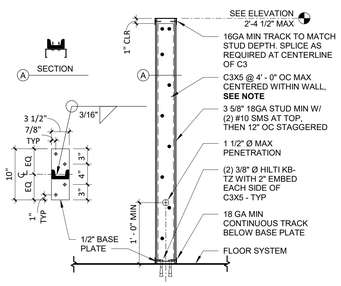
7 SOLID SURFACE COUNTERTOP
3" = 1'-0"



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

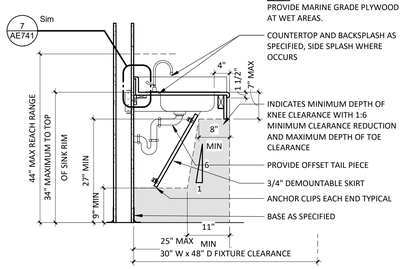


15 CLOSURE PANEL
3" = 1'-0"

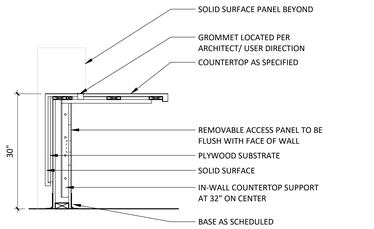


NOTE:
WHERE COUNTER OCCURS C3X5 @ 2' - 8" OC MAX CENTERED WITHIN WALL AND BETWEEN COUNTERTOP SUPPORT BRACKETS

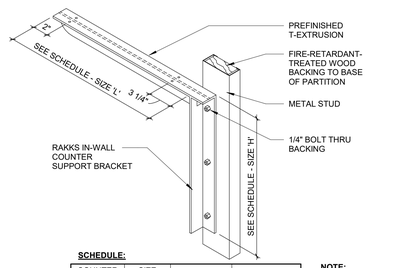
CANTILEVERED PARTIAL HEIGHT WALL WHERE COUNTERTOP OCCURS
1" = 1'-0"



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



NURSE STATION - LOW COUNTER
3/4" = 1'-0"

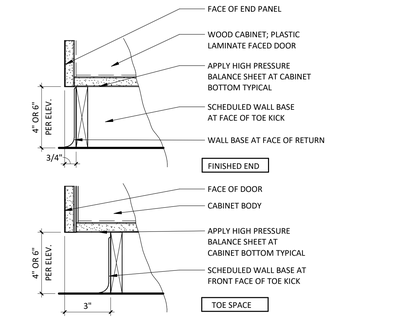


SCHEDULE:

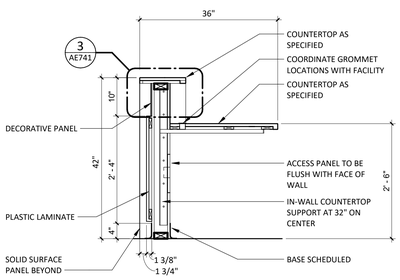
COUNTER DEPTH	SIZE (H x L)	T-EXTRUSION	CAPACITY(LBS)
TO 13"	12" X 11"	2" X 2" X .25"	430
TO 18"	12" X 14"	2" X 2" X .25"	430
TO 25"	18" X 20"	2" X 2" X .25"	300
TO 30"	18" X 26"	2" X 3" X .188"	300
WEIGHT CAPACITY IS BASED ON EVENLY DISTRIBUTED STATIC LOADS			

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

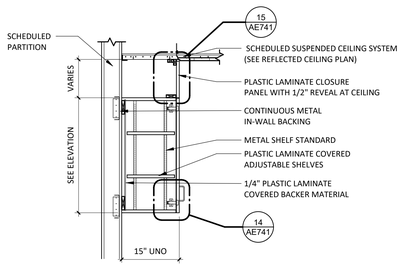
COUNTERTOP SUPPORT BRACKET
1 1/2" = 1'-0"



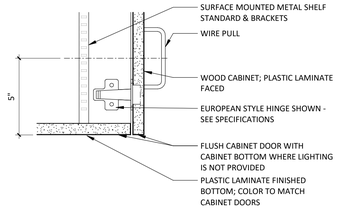
5 TOE KICK
3" = 1'-0"



NURSE STATION - HIGH COUNTER
3/4" = 1'-0"



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



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

Devenney GROUP

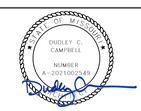
Devenney Group Ltd., Architects

6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:



DATE SIGNED: 04.18.25

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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

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

MILLWORK DETAILS

AE741

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RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

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	Walls-Decorative	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	Walls-Accent & 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	Office 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-Field	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*

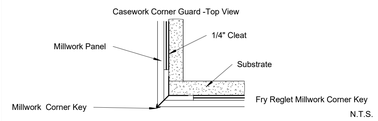
FLOORING TRANSITION STRIPS

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.

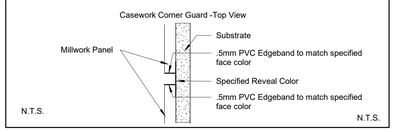
CASEWORK

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



MILLWORK EDGE DETAIL



MISCELLANEOUS

Contractor Provided/Installed Items

CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
AP1	Acoustical Panel-Tackable	Dictation/ Nurse Station Casework	Ketchum Walton Co.	Fabritrak Stretched Fabric Wall System Profile: 1", S Square NRC Rating of: 0.75 Fire Rating: Class A Notes: Utilize tackable Core, Micore Fabric Manufacturer: Carnegie Pattern:Meteor Color: 2000 Notes: See Acoustical Panel section for more information
CL1	Clocks	See finish plans	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		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.

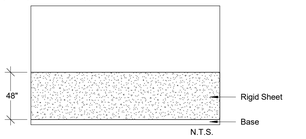
CODE	ITEM	LOCATION	MANUFACT.	DESCRIPTION
●	Corner Guard 2" Full Height	Corners-90 degree	InPro	Style: 150BN Color: See color legend below Retainer: Vinyl Height: Full Height Notes: Install above wall base. Utilize top and bottom caps.
⌴	Corner Guard 2" Full Height	Corners-End Walls	InPro	Style: 150DBN 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

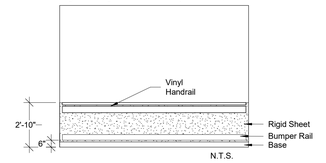
WALL PAINT COLOR	LOCATION	WALL PROTECTION COLOR
P1	General	Feather 0238
P2	Exam Room Accent Walls	Deco Blue 0391
P3	Exam Room Accent Walls	Serenity 0166

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..

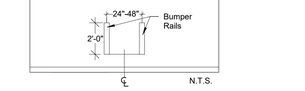


WP2- Vinyl Hand Rail is to be mounted at 34" A.F.F. to top of rail. Bumper Rail to be mounted at 6" A.F.F. from bottom of rail. Rails are to stop 2" before all door frames, fire extinguisher cabinets, wall openings and corner guards. Rigid Sheet is to be installed and adhered to the wall and align with 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.

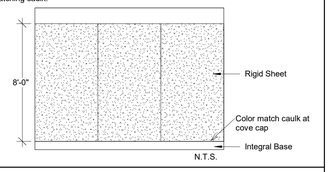


WP3- Bumper Rails are to be placed vertically at all locations of patient beds / stretchers. See architectural elevations for additional information.

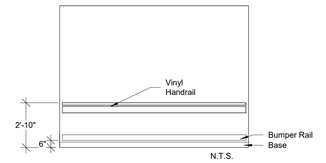
GC is to confirm that final rail mounting widths and heights coordinate with specified bed/stretcher model.



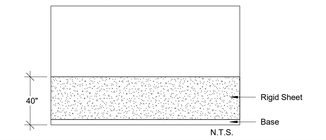
WP4- Rigid Sheet is to be installed and adhered to the wall full height. Where integral base is used, the sheet is to sit firmly on the top of the cove cap and to be caulked with color matching caulk.



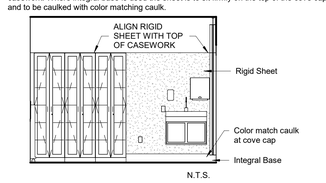
WP5- Vinyl Hand Rail is to be mounted at 34" A.F.F. to top of rail. Bumper Rail to be mounted at 6" A.F.F. from bottom of rail. Rails are to stop 2" before all door frames, fire extinguisher cabinets, wall openings and corner guards.



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 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

DUDLEY C. CAMPBELL
NUMBER A-2021003549
DATE SIGNED: 04.18.25

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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

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

GENERAL FINISH SPECIFICATIONS AND NOTES

AF001

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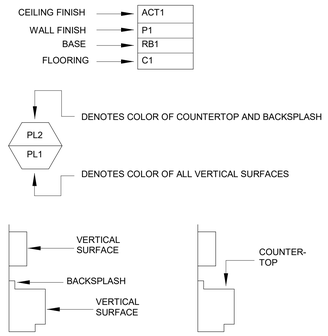
FINISH SELECTIONS AND GENERAL NOTES

LEGEND



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

GENERAL NOTES

1. All work shall be guaranteed against defects for one year.
2. All contractors shall visit jobsite and become familiar with existing conditions before submitting bids and/or proceeding with any work. Submission of bid indicates that the contractor has verified existing conditions.
3. The drawings attached have been developed from record drawings which may not reflect actual field conditions. In no case shall dimensions be scaled from drawings. The contractor shall verify all conditions architect/designer shall be notified of any subsequent work. Review drawings for clarification prior to proceeding with work.
4. Thoroughly clean all light lens and ceiling air diffusers after construction work is complete.
5. All parties responsible for delivering finishes to the site should check quantities and delivery dates as soon as bid is awarded to avoid any reselection of material.
6. The general contractor shall carefully study and compare the documents and finish plans and shall at once report to the architect any error, inconsistency or omission he may discover.
7. Furniture is the be owner furnished, owner installed unless otherwise noted on the furniture plan.
8. For all products installed, note industry standards and manufacturer specifications for installation.
9. All interior wall, ceiling and trim finishes meet a Class A flamespread rating of 25 or less, and shall have a smoke development of 250 or less.
10. All interior flooring meets Class I and II flamespread ratings.
11. All flooring at means of egress and wet areas shall meet minimum slip resistance requirements of relevant ANSI and ASTM test methods, in accordance with building codes, ADA guidelines, and local and state AHJs.
12. Final Clean Up: The contractor shall coordinate with the project schedule to make certain that all housekeeping cleanup items are done prior to move-in. This would include wiping down, cleaning glass, washing, waxing, vacuuming, or any other services which would be performed under the contractor's maintenance cleaning programs. Upon completion of work, all waste material, rubbish, tools, construction equipment, machinery and other surplus materials shall be removed from the site.
13. NO SUBSTITUTIONS OF SPECIFIED FINISHES WILL BE ALLOWED WITHOUT PRIOR APPROVAL FROM THE INTERIOR DESIGNER.

A: GENERAL FINISHES

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

Ceiling Tile:	Provide 1 (one) full carton for each product type used.
Interior Paint:	Provide 1 (one) gallon per type/color/finish. Each container MUST have the formula clearly indicated.
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: Solid Surface
   7.1 The shower WALL finish is to be: SS3
8. The shower FLOOR material is to be: Prefabricated Pan.
   8.1 The shower FLOOR finish is to be: SS3
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

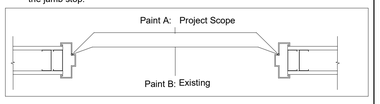
1. Prior to the application of paint, the contractor is to repair new or existing surfaces by patching, smoothing and sanding as needed to achieve a surface acceptable for the application of new finish. Prepare door frames or metal surfaces by sanding by chips/burrs, filling dents and caulking cracks 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.

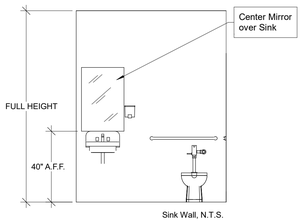
7. All prefinished store front windows or factory prefinished frames should not be painted unless otherwise directed architect or Interior Designer.
8. Paint all horizontal surfaces on soffits over upper casework to match the vertical wall unless otherwise noted. Soffits indicated to receive accent paint 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.

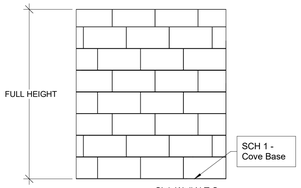
D: TILE

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.

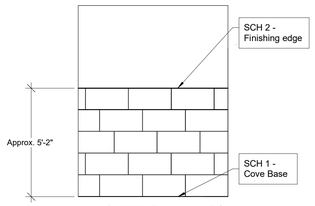


Sink Wall, N.T.S.

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



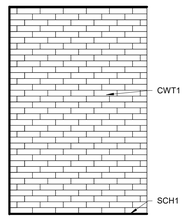
Sink Wall N.T.S.



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.

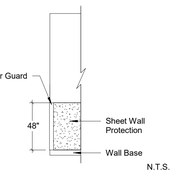


1 Water fountain Elevation
3/8" = 1'-0"

7. Decontamination room is to receive the PWT1 in a 1/3rd offset pattern, from floor to ceiling and CTF1 as the flooring.

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.



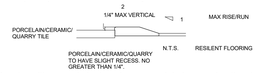
N.T.S.

F: FLOORING

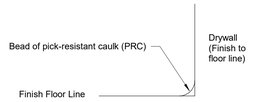
1. All traditional rubber base is to be 4" H, coved, and continuous rolls. Miter inside corners, wrap outside corners of jobsite. Do NOT use premolded corners.
2. All sculptured rubber base is to be 4.25" H, straight sections. Miter inside and outside corners. Do NOT use premolded corners.
3. All reducer 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:

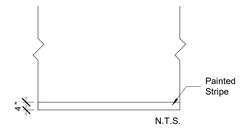


7. All floor transitions are to be taped or covered during construction, to protect the material until final completion.
8. Where new flooring or base is specified, the same flooring or base should extend into any closets, storage areas, etc. adjacent to that space unless otherwise noted.
9. For renovations, 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.

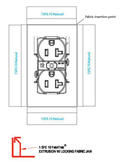


N.T.S.

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.

H: ALTERNATES

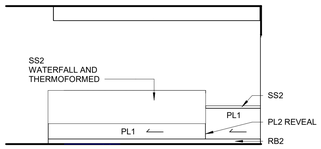
Contractor is to price the following alternates in addition to the base bid. See interior plans for locations with * for information.

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

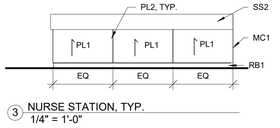
Typical Casework Designs are to be as shown in elevations below. All Graining to run in the same direction, unless otherwise noted. All 1/4" reveals are to be plastic laminate PL2.

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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6900 East Camelback Road
Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

Consultant:

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7103 Bakers Bridge Ave, Suite 105
Brentwood, TN 37027
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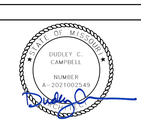

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MISSOURI DHSS

FACILITY NUMBER:
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GENERAL FINISH SPECIFICATIONS AND NOTES

AF002

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

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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
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www.innerdesignstudio.com

REGISTERED ARCHITECT
DUDLEY C. CAMPBELL
NUMBER
A-2021003549

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FINISH FLOOR PLAN - LEVEL 1

AF101

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1 Level 1 - WALL PROTECTION PLAN
1/8" = 1'-0"

WALL PROTECTION GENERAL NOTES

1. SEE F0.1/F0.2 FOR MORE WALL PROTECTION DETAILS AND CONFIGURATIONS.
2. *EXTERIOR WALLS SHOULD BE FURRED IN ORDER TO RECEIVE RIGID SHEET VINYL.

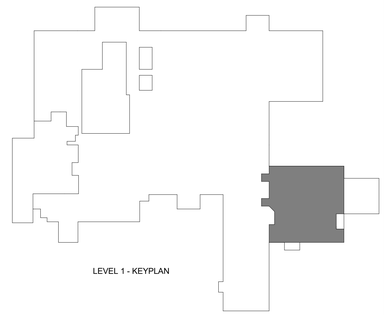
WALL PROTECTION ITEMS

*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



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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
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WALL PROTECTION PLAN - LEVEL 1

AF102

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

FLOORING

CODE/ KEY	ITEM	LOCATION	MANUFACT.	DESCRIPTION
C1	Carpet	Office 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-Field	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'-0" 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

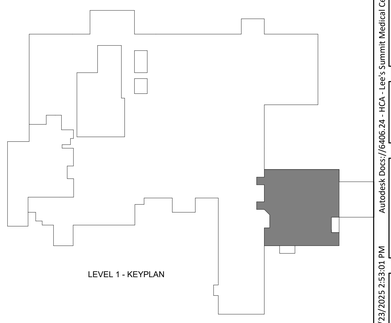
TS1	Transition Strip	1/8" Resilient to Carpet	Schluter Systems	Vinpro-S, Aluminum Finish: Brushed Nickel Anodized Aluminum
TS2	Transition Strip	Porcelain/ Ceramic to 1/8" Resilient	Grifform	Ramping TRT#, 1/8" Beveled Corian Color: Elegant Gray See Flooring for detail note about Ramp size.
TS3	Transition 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



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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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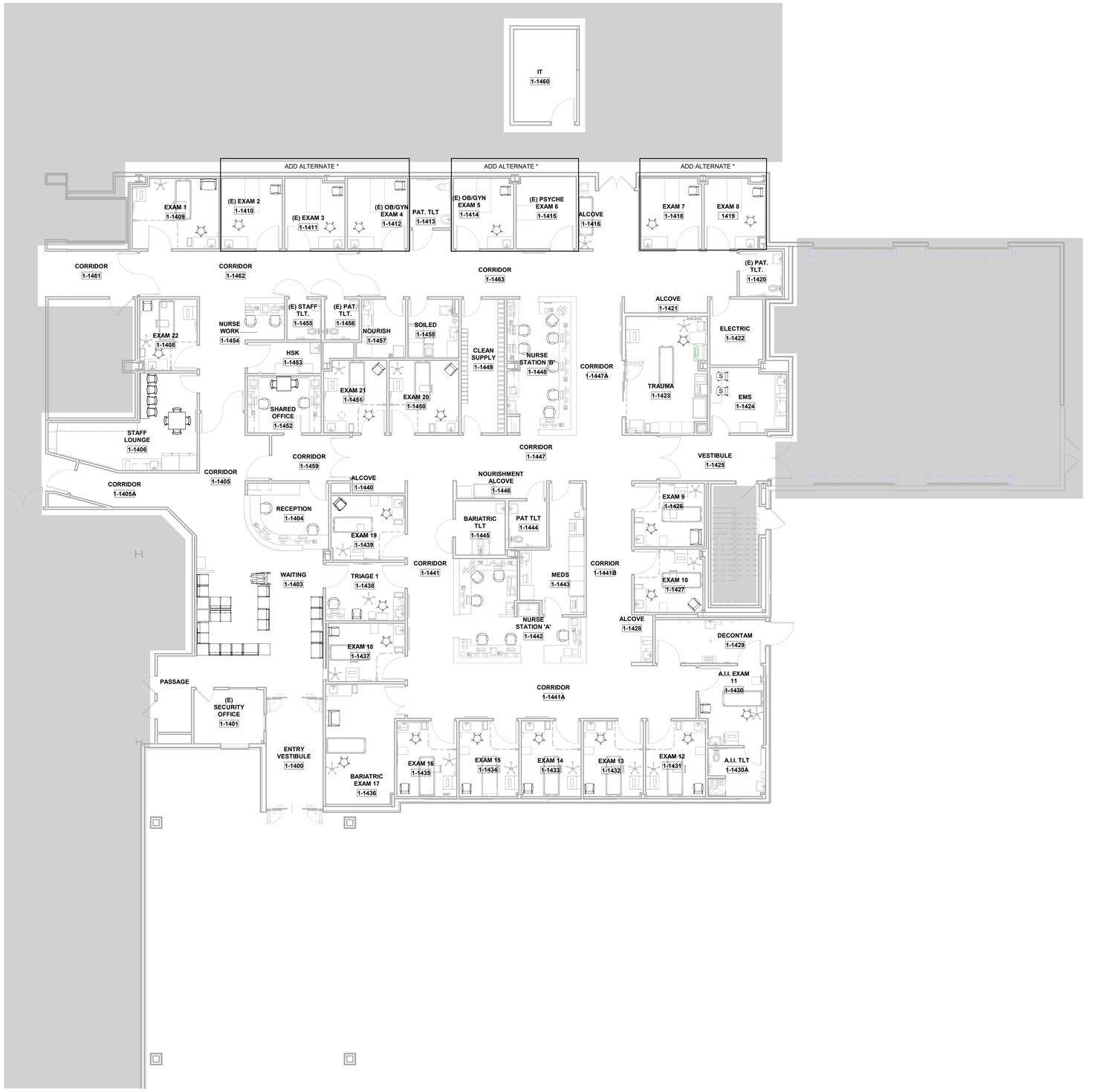
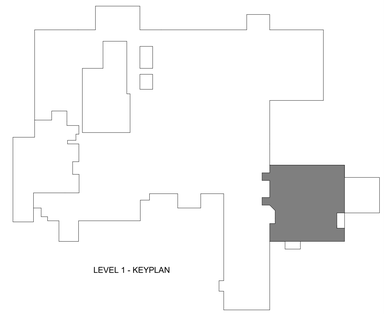


1 Level 1 - FURNITURE PLAN
1/8" = 1'-0"



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Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

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INNER DESIGN STUDIO
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Brentwood, TN 37027
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FURNITURE PLAN - LEVEL 1

AF104

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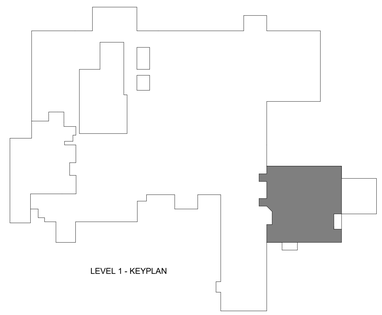
1 Level 1 - SIGNAGE PLAN
1/8" = 1'-0"

SIGN TYPE LEGEND

V	Sign Type : Vinyl Signs
PH5	Sign Type : Poster Holder- desktop
MPH	Sign Type : Multi Poster Holder
P	Sign Type : Room Sign
P3	Sign Type : Room Sign with Name Inserts
S	Sign Type : Room Sign with symbol
I	Sign Type : Informational Sign
BW	Sign Type : Blade Wall Sign (Eye Wash) with symbol
BR	Sign Type: Blade Wall Sign (Restroom) with symbol
O	Sign Type: Over head
M	Sign Type: Metal routed (Logo)
BF	Sign Type : Blade Ceilings (Fire Extinguisher signs)
FE	Sign Type : Fire Evacuation Plan Signs

LOCATION	QTY.	FLOOR	INT-EXT	TYPE	MESSAGE	SYMBOL	NOTES
EMERGENCY DEPARTMENT							
1	1	1	EXT	V	VESTIBULE		FACILITY TO CONFIRM VERBIAGE
2	1	1	INT	V	VESTIBULE		FACILITY TO CONFIRM VERBIAGE
3	1	1	INT	P	EMS LOUNGE		FACILITY TO CONFIRM VERBIAGE
4	1	1	INT	S	STAIR #		FACILITY TO CONFIRM VERBIAGE
5	1	1	INT	O	TBD		DIRECTIONAL; FACILITY TO CONFIRM VERBIAGE
6	1	1	INT	P	TRAUMA		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
7	1	1	INT	S	ELECTRIC	CAUTION	FACILITY TO CONFIRM VERBIAGE
8	1	1	INT	S	PATIENT RESTROOM	FEMALE/MALE/ HANDICAP	
9	1	1	INT	P	EXAM 8		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
10	1	1	INT	P	EXAM 7		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
11	1	1	INT	O	TBD		DIRECTIONAL; FACILITY TO CONFIRM VERBIAGE
12	1	1	INT	P	AUTHORIZED PERSONNEL ONLY		FACILITY TO CONFIRM VERBIAGE
13	1	1	INT	O	TBD		DIRECTIONAL; FACILITY TO CONFIRM VERBIAGE
14	1	1	INT	P	EXAM 6		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
15	1	1	INT	P	CLEAN SUPPLY		
16	1	1	INT	S	SOILED	BIOHAZARD SYMBOL	
17	1	1	INT	BW	EYE WASH	EYE WASH	INSTALL AT DOOR GOING INTO THE ROOM ABOVE 7'-0"
18	1	1	INT	S	EYE WASH	EYE WASH	INSTALL AT EYE WASH STATION
19	1	1	INT	P	NOURISHMENT		
20	1	1	INT	S	PATIENT RESTROOM	FEMALE/MALE/ HANDICAP	
20.1	1	1	INT	BR	RESTROOM	FEMALE/MALE/ HANDICAP	INSTALL ABOVE 7'-0"
21	1	1	INT	S	STAFF RESTROOM	FEMALE/MALE/ HANDICAP	
22	1	1	INT	P	EXAM 5		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
23	1	1	INT	S	PATIENT RESTROOM	FEMALE/MALE/ HANDICAP	
23.1	1	1	INT	BR	RESTROOM	FEMALE/MALE/ HANDICAP	INSTALL ABOVE 7'-0"
24	1	1	INT	P	EXAM 4		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
25	1	1	INT	P	EXAM 3		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
26	1	1	INT	P	EXAM 2		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
27	1	1	INT	O	TBD		DIRECTIONAL; FACILITY TO CONFIRM VERBIAGE
28	1	1	INT	P	EXAM 1		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
29	2	1	INT	P	EXAM 22		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
30	1	1	INT	O	TBD		DIRECTIONAL; FACILITY TO CONFIRM VERBIAGE
30.1	1	1	INT	O	TBD		DIRECTIONAL; FACILITY TO CONFIRM VERBIAGE
31	1	1	INT	S	HOUSEKEEPING	BIOHAZARD SYMBOL	
32	1	1	INT	P	STAFF LOUNGE		
33	1	1	INT	O	TBD		DIRECTIONAL; FACILITY TO CONFIRM VERBIAGE
34	1	1	INT	O	TBD		DIRECTIONAL; FACILITY TO CONFIRM VERBIAGE
35	1	1	INT	P	AUTHORIZED PERSONNEL ONLY		NAME SLOT
36	1	1	INT	P	TO WAITING ROOM		NAME SLOT
37	1	1	INT	P 3	SHARED OFFICE		NAME SLOT
38	1	1	INT	P	RECEPTION		
39	1	1	INT	P	EXAM 21		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
40	1	1	INT	P	EXAM 20		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
41	1	1	INT	O	TBD		DIRECTIONAL; FACILITY TO CONFIRM VERBIAGE
42	1	1	INT	P	CLEAN SUPPLY		
43	1	1	INT	S	PATIENT RESTROOM	FEMALE/MALE/ HANDICAP	
43.1	1	1	INT	BR	RESTROOM	FEMALE/MALE/ HANDICAP	INSTALL ABOVE 7'-0"
44	2	1	INT	P	AUTHORIZED PERSONNEL ONLY (MEDS)		FACILITY TO CONFIRM VERBIAGE
45	1	1	INT	P	EXAM 9		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
46	1	1	INT	P	EXAM 10		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
47	1	1	INT	S	DECONTAMINATION	BIOHAZARD	
48	1	1	INT	S	EXAM 11 (AII)	BIOHAZARD	FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
49	1	1	INT	P	EXIT		
50	1	1	EXT	S	AUTHORIZED PERSONNEL ONLY	BIOHAZARD	FACILITY TO CONFIRM NUMBERING AND VERBIAGE
51	1	1	INT	S	DECONTAMINATION	BIOHAZARD	
52	1	1	INT	S	RESTROOM (AII)	BIOHAZARD/ FEMALE/MALE/ HANDICAP	
53	1	1	INT	P	EXAM 11 (AII)	BIOHAZARD	FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
54	1	1	INT	O	TBD		DIRECTIONAL; FACILITY TO CONFIRM VERBIAGE
55	1	1	INT	P	EXAM 12		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
56	1	1	INT	P	EXAM 13		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
57	1	1	INT	P	EXAM 14		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
58	1	1	INT	P	EXAM 15		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
59	1	1	INT	P	EXAM 16		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
60	1	1	INT	O	TBD		DIRECTIONAL; FACILITY TO CONFIRM VERBIAGE
61	1	1	INT	P	EXAM 17 (BARIATRIC)		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
62	1	1	INT	P	EXAM 18		FACILITY TO CONFIRM NUMBERING AND VERBIAGE; VERIFY NUMBERING WITH NURSE CALL NUMBERING
63	2	1	INT	P	AUTHORIZED PERSONNEL ONLY (MEDS)		FACILITY TO CONFIRM VERBIAGE
64	1	1	INT	P	TRIAGE 1		FACILITY TO CONFIRM VERBIAGE
65	1	1	INT	P	EXAM 19		FACILITY TO CONFIRM NUMBERING AND VERBIAGE
66	1	1	INT	S	PATIENT RESTROOM (BARIATRIC)	FEMALE/MALE/ HANDICAP	
66.1	1	1	INT	BR	RESTROOM	FEMALE/MALE/ HANDICAP	INSTALL ABOVE 7'-0"
67	1	1	INT	P	TO WAITING ROOM		FACILITY TO CONFIRM NUMBERING AND VERBIAGE
68	1	1	INT	P	TRIAGE 1		FACILITY TO CONFIRM VERBIAGE
69	1	1	INT	O	SIGN IN		FACILITY TO CONFIRM VERBIAGE
70	1	1	INT	MPH	INFORMATIONAL REQUIRED SIGNAGE		
70.1	1	1	INT	PH5	POSTER HOLDER - FREESTANDING		
71	1	1	INT	P	EXIT		FACILITY TO CONFIRM VERBIAGE
72	1	1	INT	P	EMERGENCY DEPARTMENT		FACILITY TO CONFIRM VERBIAGE
73	1	1	INT	P	EXIT		FACILITY TO CONFIRM VERBIAGE
73.1	1	1	INT	P	EMERGENCY DEPARTMENT		FACILITY TO CONFIRM VERBIAGE
73.2	1	1	INT	P	EXIT		FACILITY TO CONFIRM VERBIAGE
73.3	1	1	INT	P	EMERGENCY DEPARTMENT		FACILITY TO CONFIRM VERBIAGE
74	1	1	INT	P	SECURITY - AUTHORIZED PERSONNEL ONLY		FACILITY TO CONFIRM VERBIAGE
75	1	1	INT	V	VESTIBULE SIGNAGE		FACILITY TO CONFIRM VERBIAGE
76	1	1	EXT	V	VESTIBULE SIGNAGE		FACILITY TO CONFIRM VERBIAGE
77	1	1	INT	M	HCA BRANDING LOGO SIGNAGE		
78	1	1	INT	P	AUTHORIZED PERSONNEL ONLY (IT)		
	23	1	INT	I	EMT-ALA		ENGLISH/SPANISH REQUIRED
	2	1	INT	BF	FIRE EXTINGUISHER		BLADE
	5	1	INT		FIRE EVACUATION MAPS		LOCATE AS REQUIRED BY FIRE MARSHAL



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

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Ave. Suite 106
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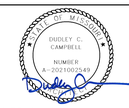

DATE SIGNED: 04.18.25

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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

DATE:	2025.04.18
SCALE:	1/8" = 1'-0"
DRAWN:	PC
REVIEWED:	PF
JOB NUMBER:	6406.24.0003

SIGNAGE PLAN - LEVEL 1

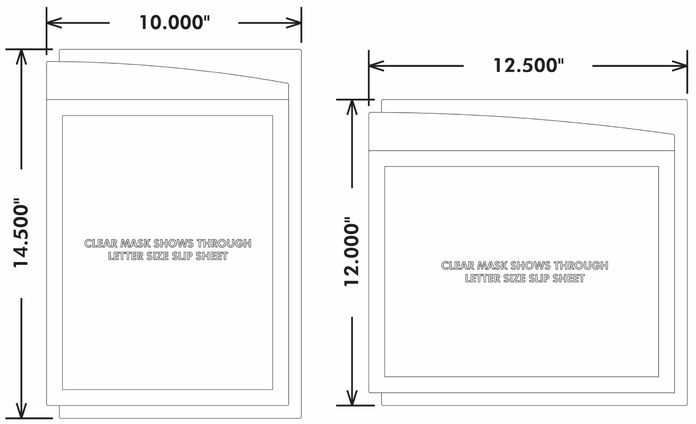
AF105

Autodesk Docs://6406.24 - HCA - Lee's Summit Medical Center (LSMC)_rvt23/LSMC Lee's Summit Medical Center ED RENO_ IDS_R23.rvt
4/23/2025 2:53:08 PM

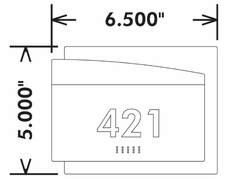
RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

FOR REFERENCE ONLY - SIGNAGE TO MATCH FACILITY STANDARDS

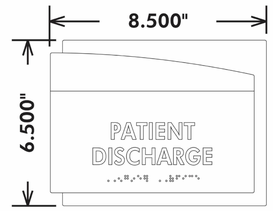
STANDARD SYMBOLS



FE FIRE EVAC PORTRAIT AND LANDSCAPE



U UNIT SIGN



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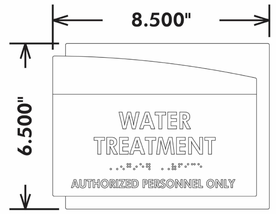
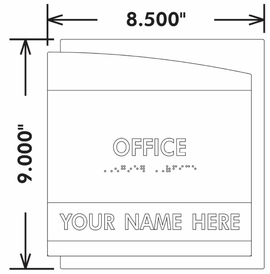
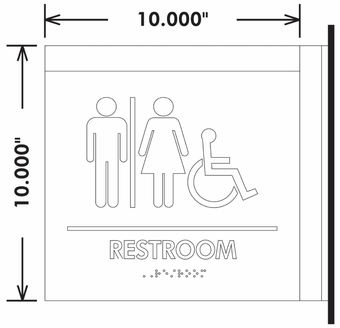


P1 ROOM ID SIGN W/ SUBCOPY

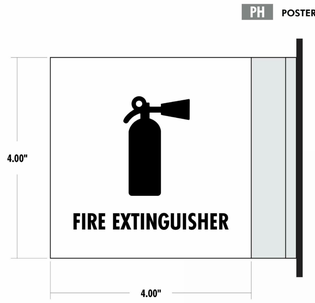


P3 ROOM ID SIGN W/ NAME SLIDER

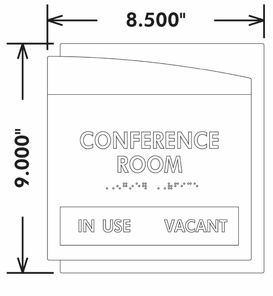


PS PROJECTING SIGN CEILING AND WALL MOUNTED

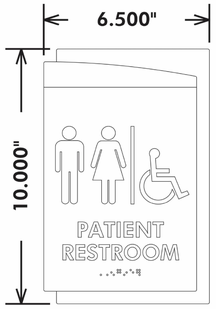
PH POSTER HOLDER



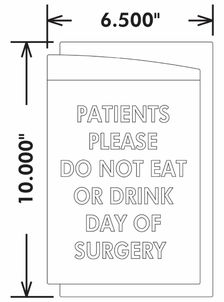
BW BLADEWALL / 4"



P2 ROOM ID SIGN W/ IN USE SLIDER



S SYMBOL SIGN



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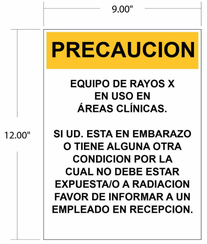
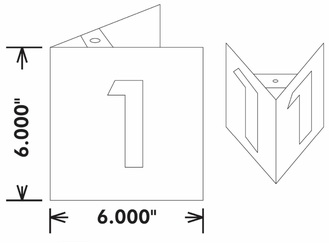
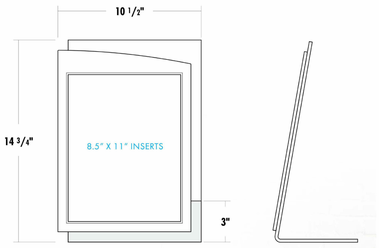
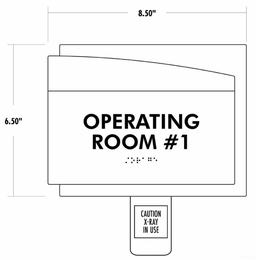




TRI TRIANGULAR WALL MOUNTED SIGNS



PH-S POSTER HOLDER *(FREESTANDING)* // 8.5" X 11" INSERTS



PI-A PATIENT INDICATOR / WITH ALERTTAB

I INFORMATIONAL SIGN

WHITE
BLACK
YELLOW

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

DUDLEY C. CAMPBELL
1ST MISSOURI
NUMBER
A-2021002549

DATE SIGNED: 04.18.25

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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

DATE:	2025.04.18
SCALE:	
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JOB NUMBER:	6406.24.0003

SIGNAGE KEY

AF106

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RELEASED FOR CONSTRUCTION
As Noted on Plans Review
Development Services Department
Lee's Summit, Missouri
08/14/2025

FOR REFERENCE ONLY - SIGNAGE TO MATCH FACILITY STANDARDS

BENNU
ARCHITECTURAL SIGNAGE

PREPARED BY
TONY HATCHELL
BENNU ENTERPRISES, INC.
615.522.4588

DATED 03-22-2017

STANDARD SYMBOLS

STANDARD TYPEFACE
FUTURA HEAVY BT

ABCDEFGHI
JKLMNOPQ
RSTUVWXY

SIGN FAMILY:
ZEUS

INSTALLATION LOCATIONS

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

SCALE 3/4"=1'-0"

ALL ADA SIGNS TO BE INSTALLED ON LATCH SIDE OF DOOR

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

TYPICAL SIGN PROGRAM PLACEMENTS SHOWN

Devenney Group Ltd., Architects

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Suite 500
Scottsdale, AZ 85251

T: 602.943.8950

www.devenneygroup.com

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NUMBER A-2021002549
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AUTHORITY HAVING JURISDICTION:
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MISSOURI DHSS

FACILITY NUMBER:
0972400009

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REVISIONS		
REV #	DESCRIPTION	DATE

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SIGNAGE KEY

AF107

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